

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108809.D
 Acq On : 6 Sep 2018 7:36
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 9/6/2018 4:46:09 PM

Quant Time: Sep 06 08:41:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	203131	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	727039	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	293015	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	570289	20.00	ng	0.00
75) Chrysene-d12	13.87	240	465465	20.00	ng	0.00
86) Perylene-d12	15.27	264	408235	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1036881	84.56	ng	0.00
7) Phenol-d6	6.37	99	1250915	79.29	ng	0.00
23) Nitrobenzene-d5	7.30	82	1036625	89.23	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	245988	87.94	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1599069	93.10	ng	0.00
78) Terphenyl-d14	12.82	244	1504156	75.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	266688	45.257	ng	93
3) Pyridine	3.10	79	658910	40.830	ng	91
4) n-Nitrosodimethylamine	3.04	42	263019	42.434	ng	90
6) Aniline	6.40	93	837338	39.462	ng	98
8) 2-Chlorophenol	6.52	128	548900	40.444	ng	98
9) Benzaldehyde	6.28	77	457049	40.837	ng	98
10) Phenol	6.38	94	719212	39.802	ng	95
11) bis(2-Chloroethyl)ether	6.47	93	561640	38.800	ng	99
12) 1,3-Dichlorobenzene	6.68	146	621809	40.149	ng	98
13) 1,4-Dichlorobenzene	6.75	146	623433	40.253	ng	99
14) 1,2-Dichlorobenzene	6.91	146	571298	40.019	ng	97
15) Benzyl Alcohol	6.88	79	450887	37.241	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	818388	37.822	ng	98
17) 2-Methylphenol	6.99	107	424592	37.019	ng	97
18) Hexachloroethane	7.25	117	165396	29.617	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	379913	34.644	ng	98
20) 3+4-Methylphenols	7.14	107	502626	37.410	ng	# 67
22) Acetophenone	7.15	105	664579	40.277	ng	94
24) Nitrobenzene	7.32	77	540098	43.328	ng	96
25) Isophorone	7.56	82	860907	37.151	ng	99
26) 2-Nitrophenol	7.63	139	136260	27.746	ng	99
27) 2,4-Dimethylphenol	7.68	122	396992	39.808	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	608386	39.268	ng	99
29) 2,4-Dichlorophenol	7.87	162	384800	37.421	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	437627	39.270	ng	98
31) Naphthalene	8.04	128	1308260	39.996	ng	99
32) Benzoic acid	7.77	122	187228	31.538	ng	98
33) 4-Chloroaniline	8.08	127	573984	38.208	ng	99
34) Hexachlorobutadiene	8.17	225	269240	40.442	ng	98
35) Caprolactam	8.45	113	118705	34.067	ng	# 84
36) 4-Chloro-3-methylphenol	8.57	107	378381	34.541	ng	99
37) 2-Methylnaphthalene	8.73	142	782160	36.195	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	397480	45.379	ng	98
40) Hexachlorocyclopentadiene	8.89	237	17900	4.062	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	248385	41.633	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	257904	41.704	nq	97
45) 1,1'-Biphenyl	9.20	154	979278	43.411	nq	99
46) 2-Chloronaphthalene	9.21	162	771285	42.276	nq	100
47) 2-Nitroaniline	9.31	65	243361	48.829	nq	97
48) Acenaphthylene	9.63	152	1129234	41.525	nq	99
49) Dimethylphthalate	9.49	163	848598	41.406	nq	98
50) 2,6-Dinitrotoluene	9.55	165	145549	37.271	nq	98
51) Acenaphthene	9.80	154	663539	39.430	nq	99
52) 3-Nitroaniline	9.71	138	239522	51.525	nq	96
53) 2,4-Dinitrophenol	9.81	184	645	9.696	nq	# 1
54) Dibenzofuran	9.97	168	1002235	40.857	nq	99
55) 4-Nitrophenol	9.87	139	147165	42.347	nq	96
56) 2,4-Dinitrotoluene	9.95	165	165110	33.061	nq	94
57) Fluorene	10.31	166	676261	42.960	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	207725	41.652	nq	88
59) Diethylphthalate	10.19	149	828811	39.188	nq	97
60) 4-Chlorophenyl-phenylether	10.31	204	357928	42.574	nq	96
61) 4-Nitroaniline	10.32	138	226199	53.713	nq	98
62) Azobenzene	10.47	77	847588	38.825	nq	96
64) 4,6-Dinitro-2-methylphenol	10.35	198	2182	7.702	nq	92
65) n-Nitrosodiphenylamine	10.42	169	722425	38.101	nq	96
66) 4-Bromophenyl-phenylether	10.80	248	244488	37.957	nq	# 87
67) Hexachlorobenzene	10.86	284	265427	38.602	nq	94
68) Atrazine	10.95	200	214691	35.370	nq	98
69) Pentachlorophenol	11.05	266	158243	37.643	nq	96
70) Phenanthrene	11.27	178	1127199	41.390	nq	99
71) Anthracene	11.32	178	1148663	44.052	nq	100
72) Carbazole	11.47	167	1173075	42.719	nq	99
73) Di-n-butylphthalate	11.81	149	1310437	42.973	nq	100
74) Fluoranthene	12.45	202	1280959	47.506	nq	100
76) Benzidine	12.57	184	883712	40.057	nq	99
77) Pyrene	12.68	202	1346958	37.607	nq	99
79) Butylbenzylphthalate	13.30	149	633349	39.267	nq	94
80) Benzo(a)anthracene	13.86	228	1130106	37.879	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	492883	42.403	nq	96
82) Chrysene	13.90	228	1086878	37.631	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	836462	41.267	nq	99
84) Di-n-octyl phthalate	14.48	149	1453635	43.015	nq	100
85) Indeno(1,2,3-cd)pyrene	16.62	276	822793m	32.190	nq	
87) Benzo(b)fluoranthene	14.88	252	895589	40.346	nq	98
88) Benzo(k)fluoranthene	14.90	252	832608	40.730	nq	99
89) Benzo(a)pyrene	15.21	252	782101	39.048	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	690297	39.112	nq	98
91) Benzo(g,h,i)perylene	17.04	276	667142	37.753	nq	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

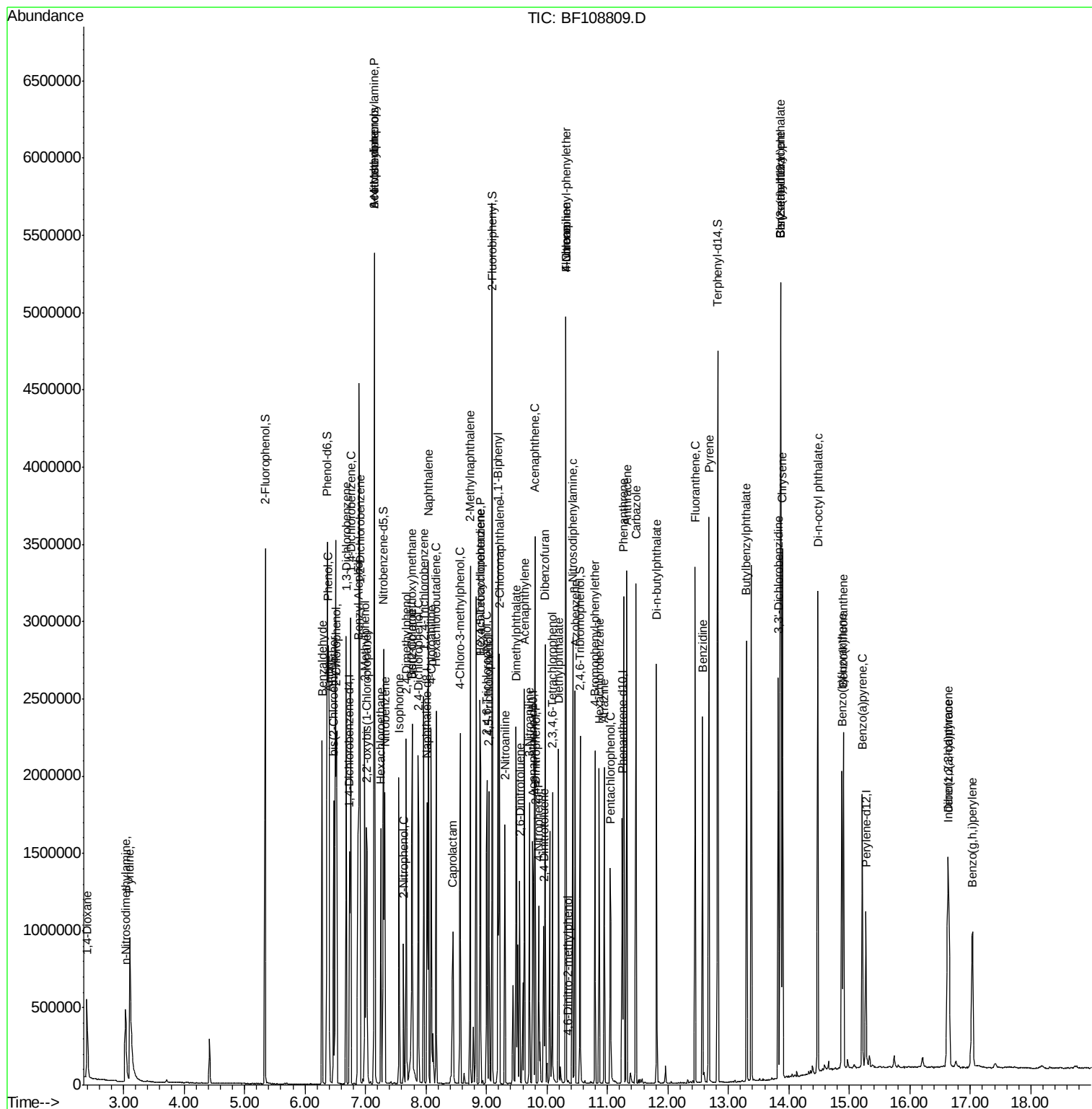
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
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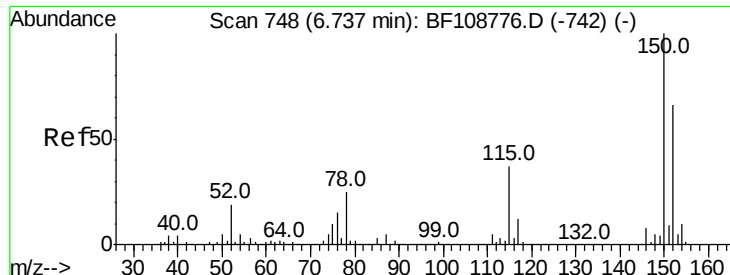
Instrument :
BNA_F
Client Sampled :
SSTDCCC040

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#1

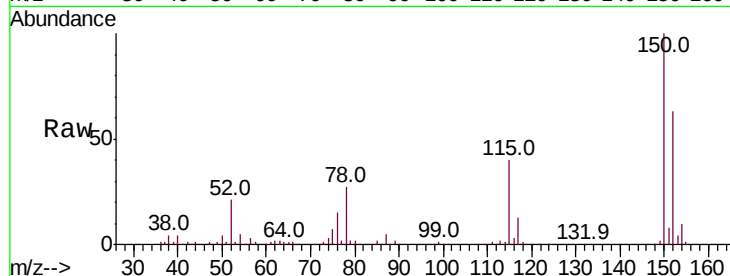
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF108809.D
 Acq: 6 Sep 2018 7:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	63.7	50.1	75.1

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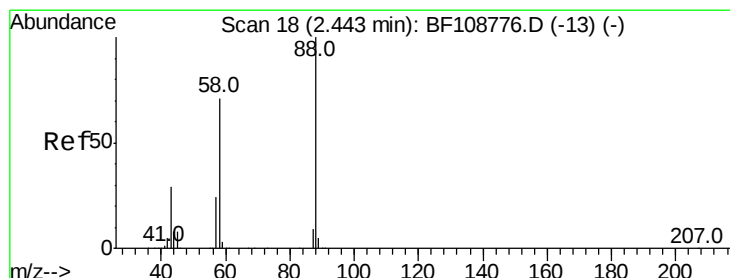
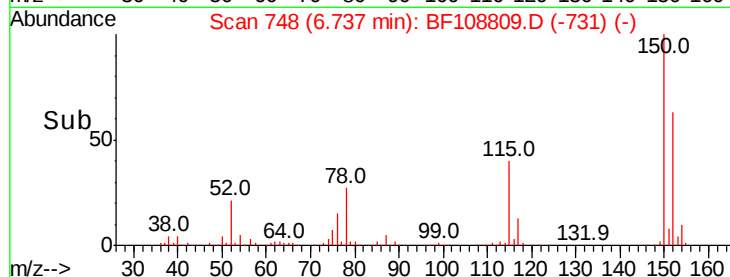
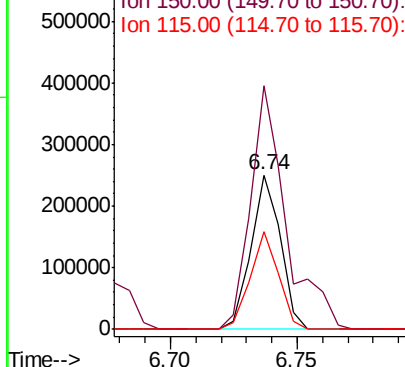


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

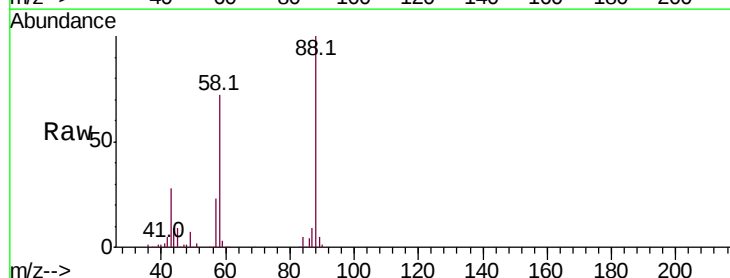
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 45.257 ng
 RT: 2.40 min Scan# 10
 Delta R.T. -0.05 min
 Lab File: BF108809.D
 Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	62.6	93.8
43	27.8	24.6	37.0

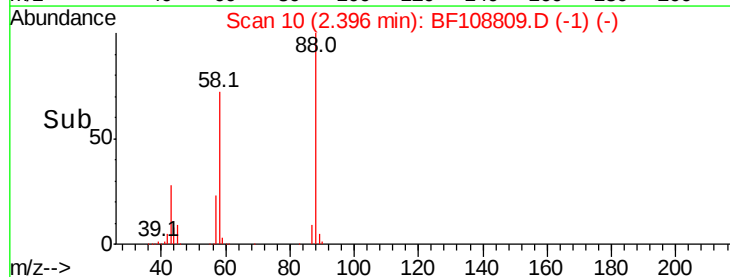
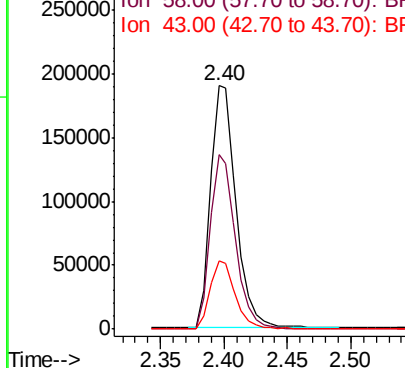


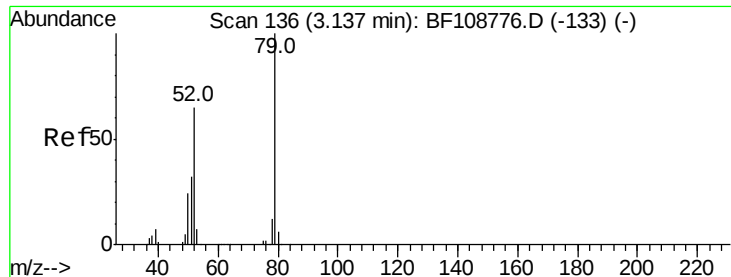
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.830 ng

RT: 3.10 min Scan# 130

Delta R.T. -0.04 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

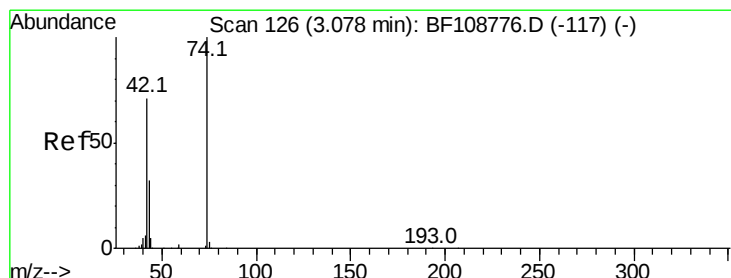
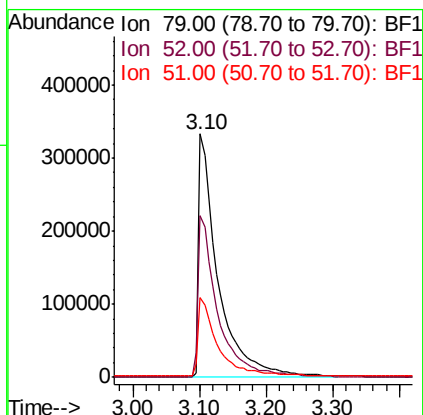
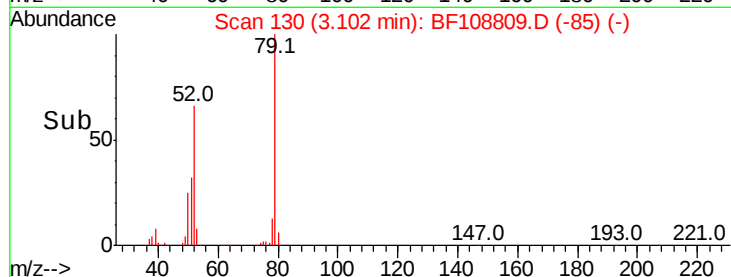
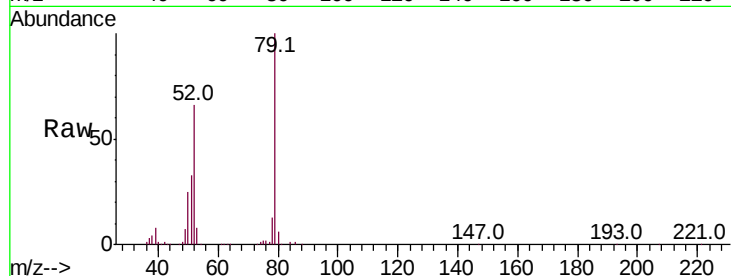
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	658910
Ion Ratio	Lower	Upper	
79	100		
52	66.3	59.8	89.6
51	32.7	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 42.434 ng

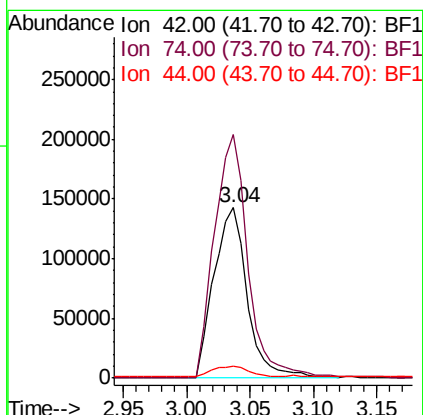
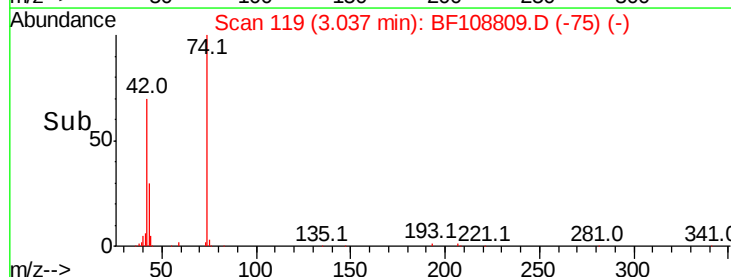
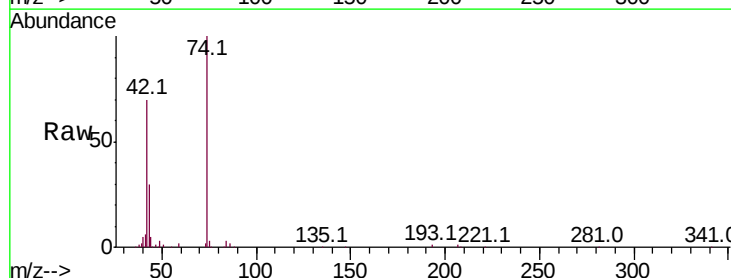
RT: 3.04 min Scan# 119

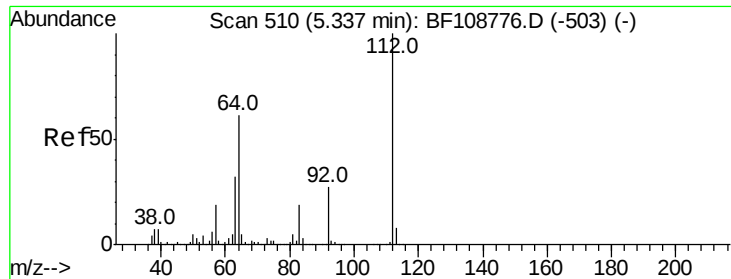
Delta R.T. -0.04 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Tgt Ion:	42	Resp:	263019
Ion Ratio	Lower	Upper	
42	100		
74	142.7	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 84.564 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 112 Resp: 1036881

Ion Ratio Lower Upper

112 100

64 56.0 47.9 71.9

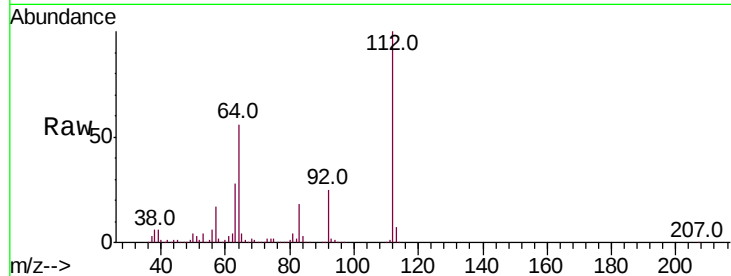
63 28.3 23.7 35.5

Manual Integrations

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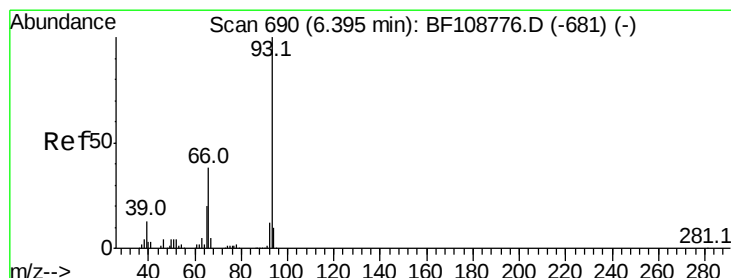
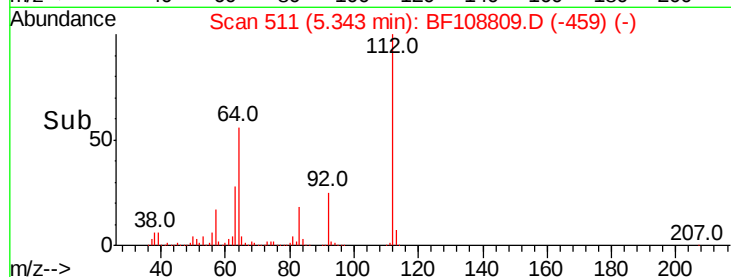
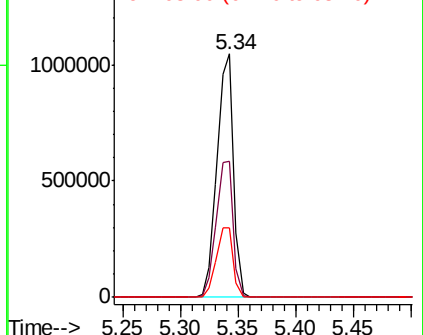
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.462 ng

RT: 6.40 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

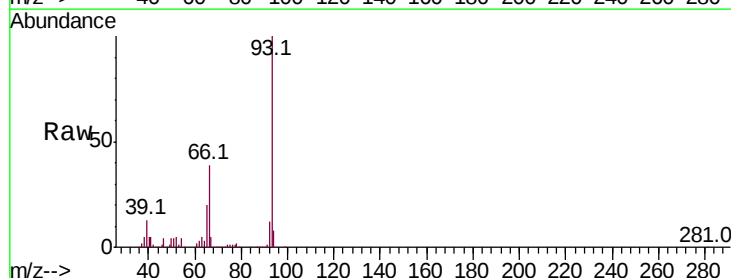
Tgt Ion: 93 Resp: 837338

Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

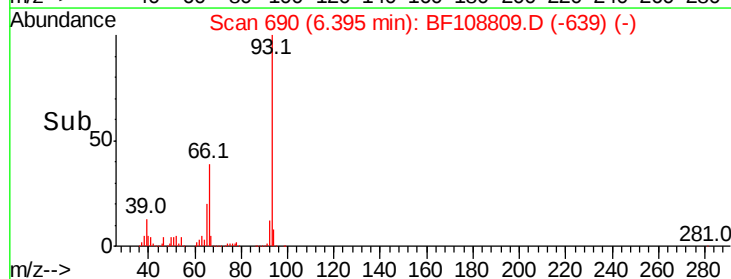
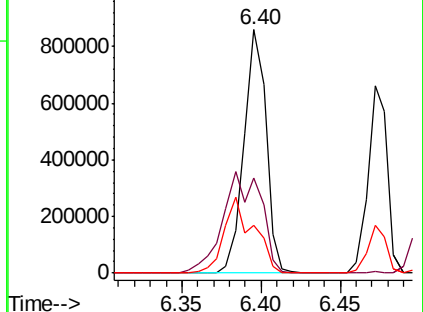
65 19.5 16.4 24.6

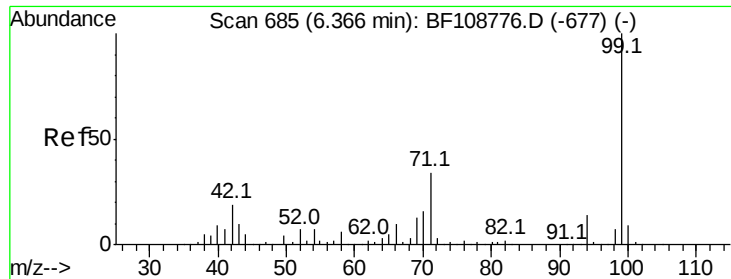


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.291 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1250915

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

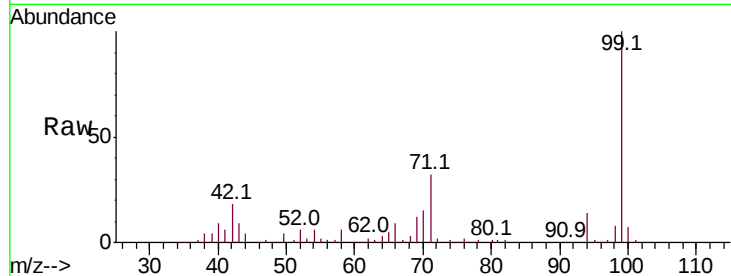
71 31.8 25.4 38.0

Manual Integrations

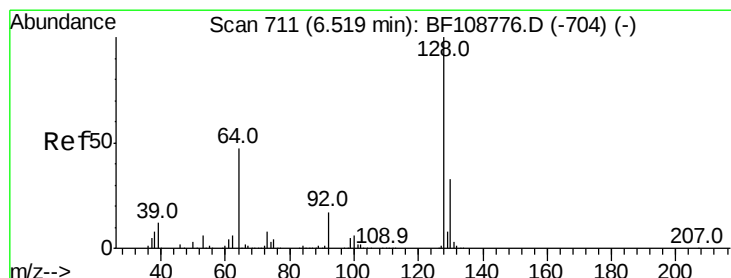
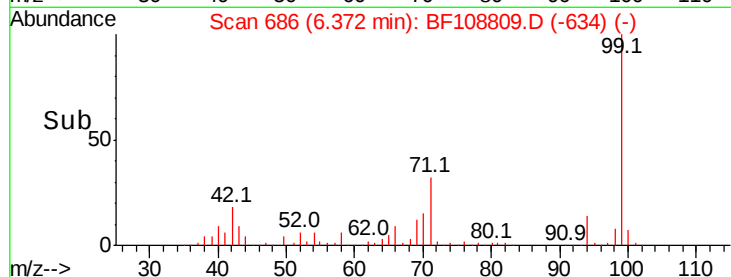
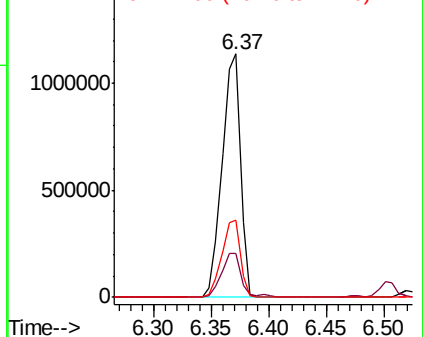
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.444 ng

RT: 6.52 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

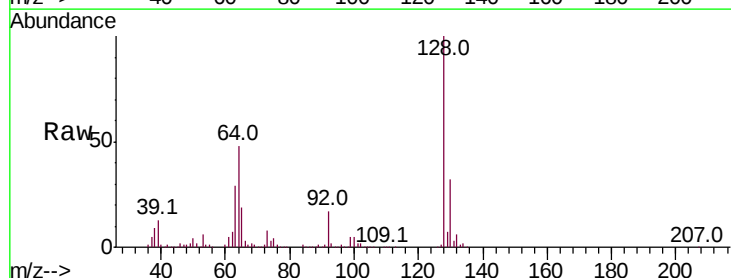
Tgt Ion:128 Resp: 548900

Ion Ratio Lower Upper

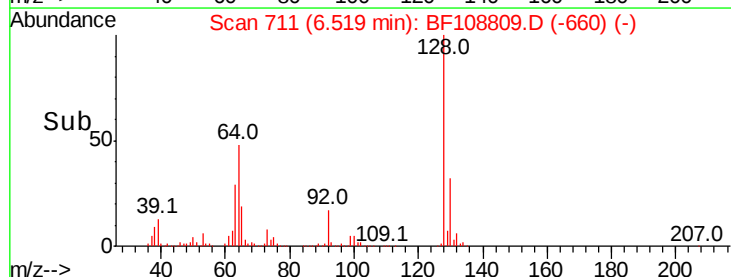
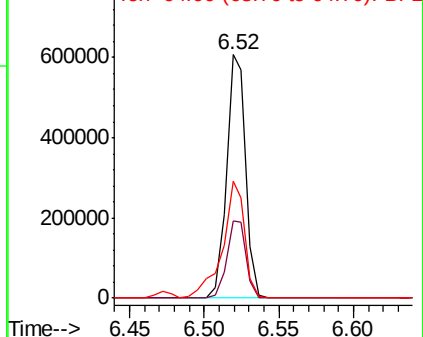
128 100

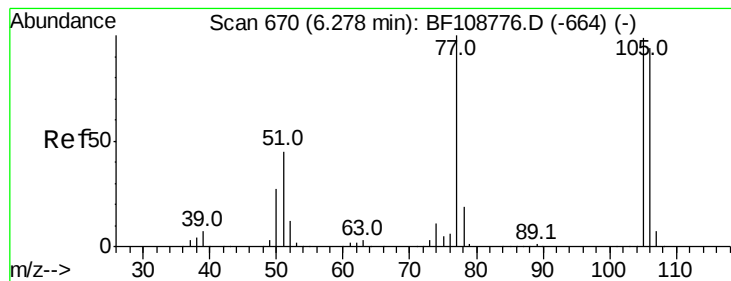
130 32.0 13.0 53.0

64 48.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.837 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 457049

Ion Ratio Lower Upper

77 100

105 101.1 81.1 121.1

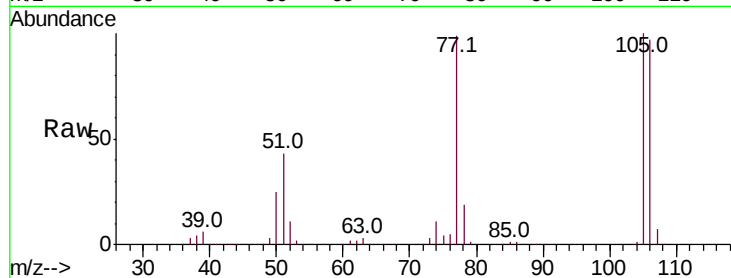
106 98.3 74.5 114.5

Manual Integrations

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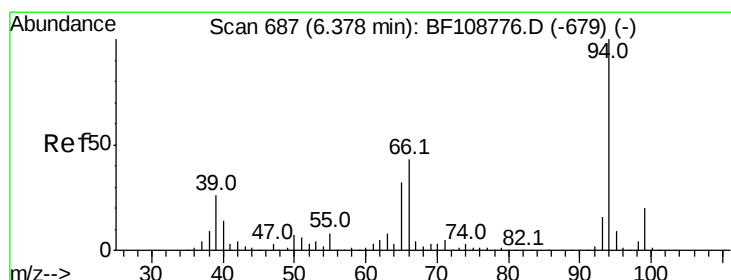
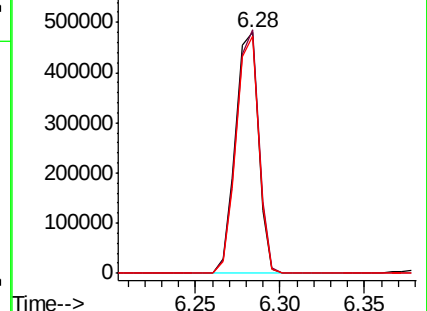
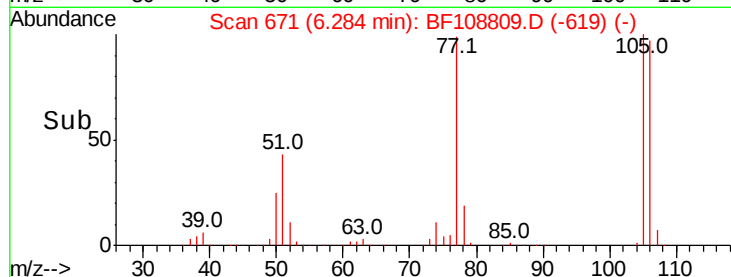
9/6/2018 4:46:09 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.802 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

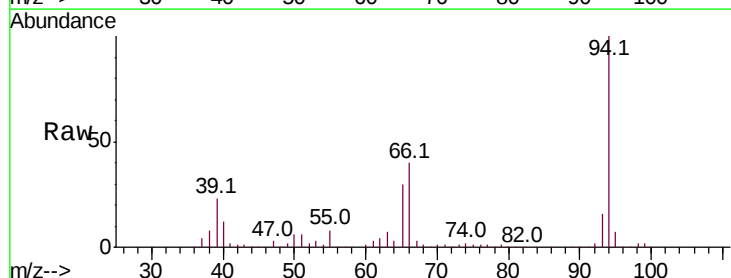
Tgt Ion: 94 Resp: 719212

Ion Ratio Lower Upper

94 100

65 29.8 7.9 47.9

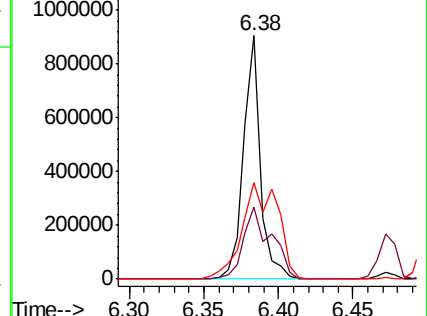
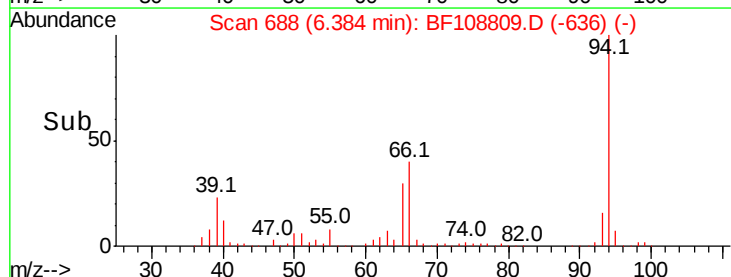
66 39.6 16.2 56.2

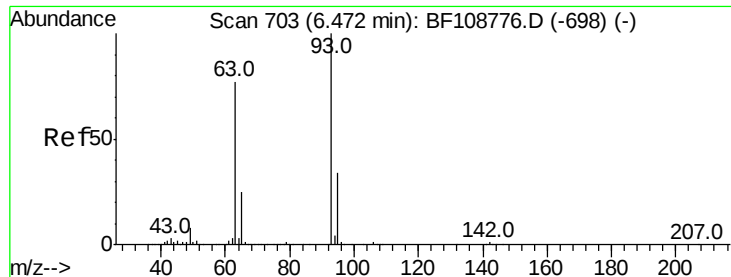


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





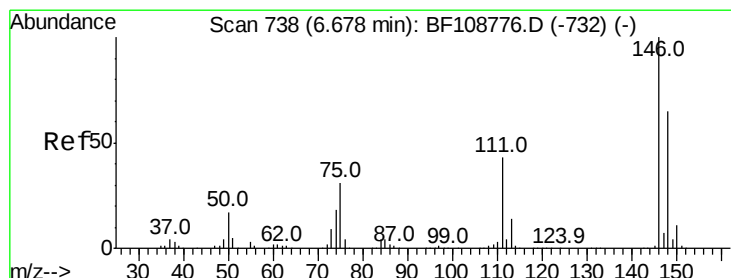
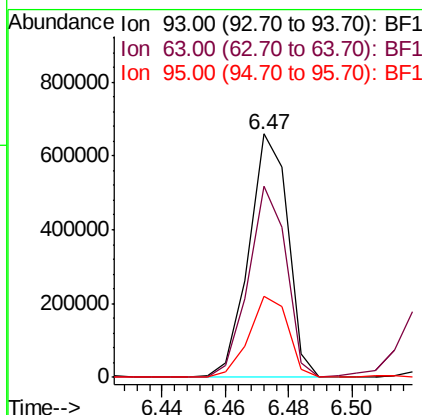
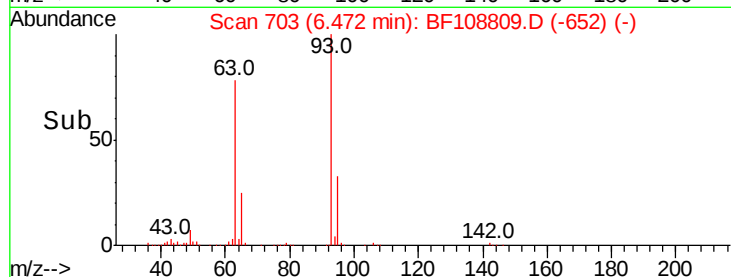
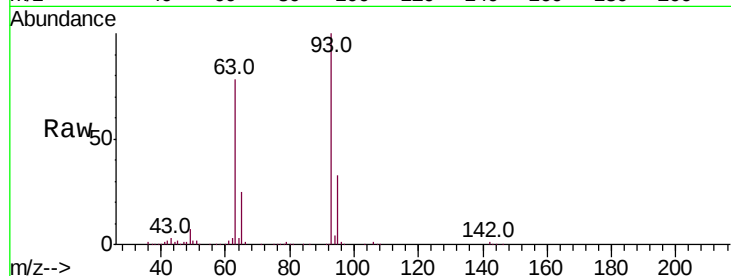
#11
bis(2-Chloroethyl)ether
Concen: 38.800 ng
RT: 6.47 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	561640
Ion	Ratio	Lower	Upper
93	100		
63	78.4	58.6	98.6
95	33.3	11.8	51.8

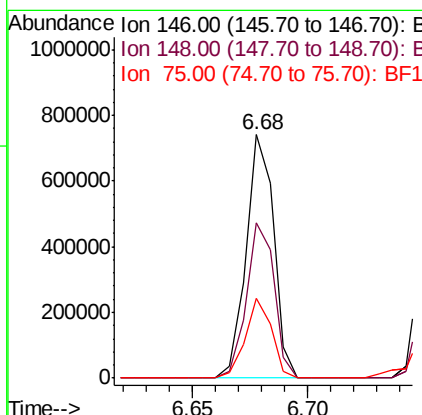
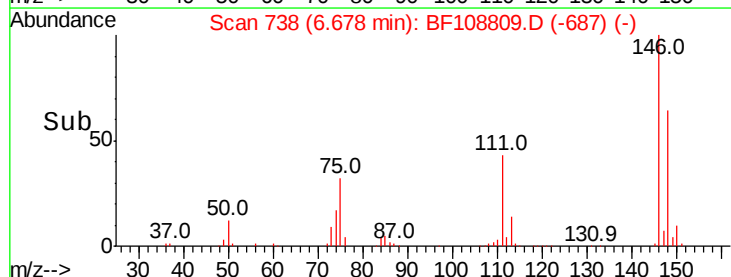
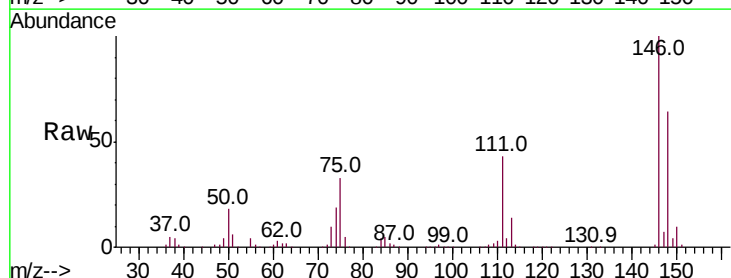
Manual Integrations
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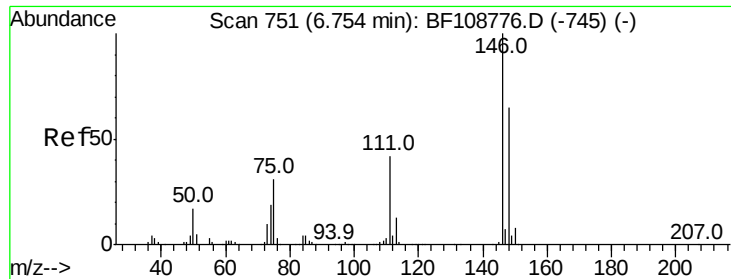
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.149 ng
RT: 6.68 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion:	146	Resp:	621809
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	32.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.253 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

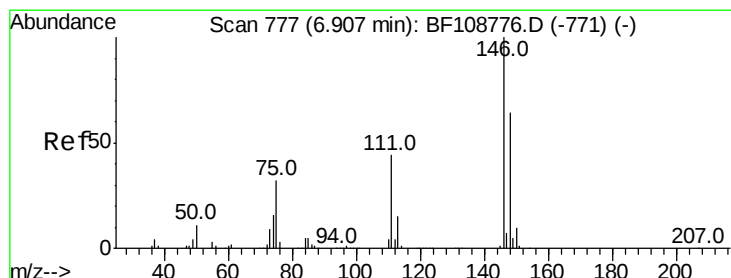
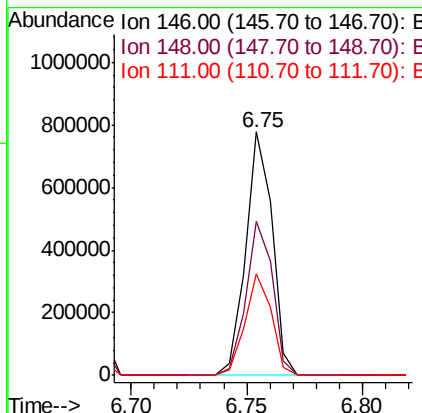
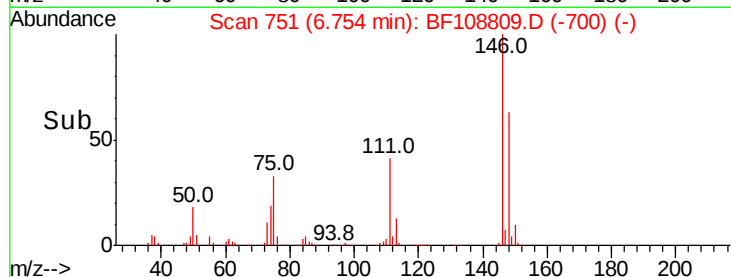
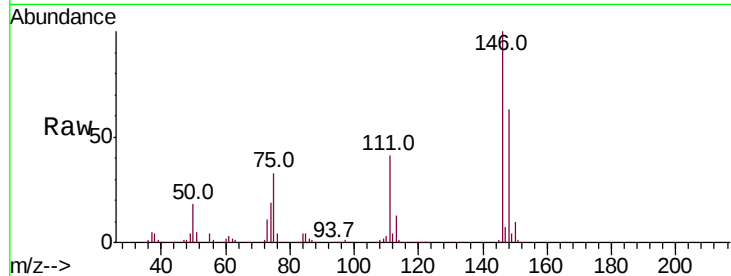
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	623433
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.8	76.2
111	41.5	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.019 ng

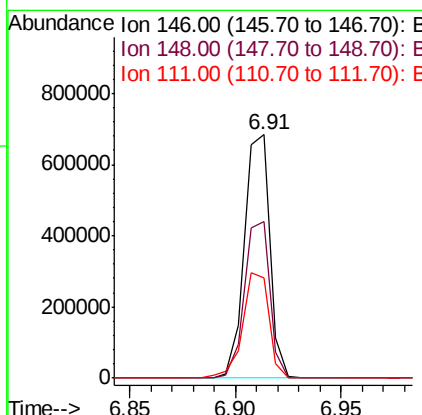
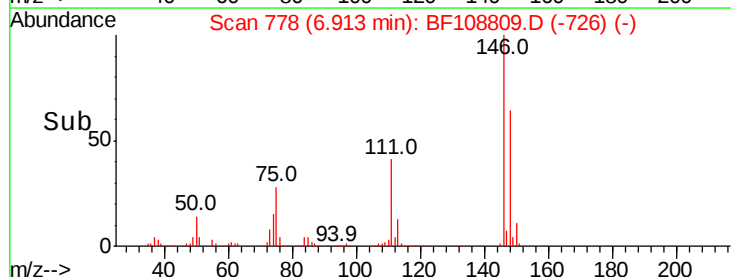
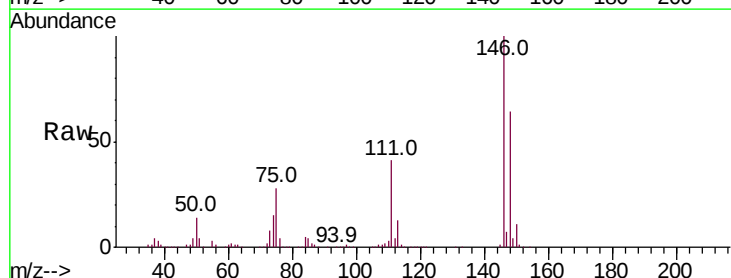
RT: 6.91 min Scan# 778

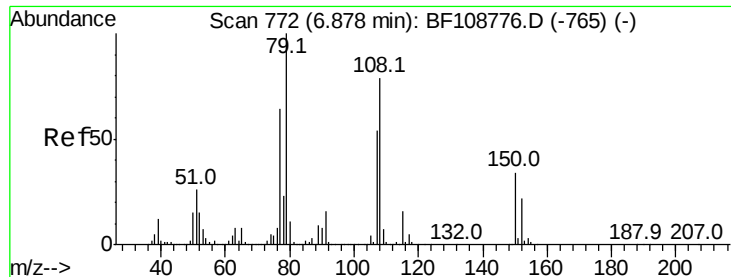
Delta R.T. 0.01 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Tgt Ion:	146	Resp:	571298
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	75.8
111	41.1	36.0	54.0





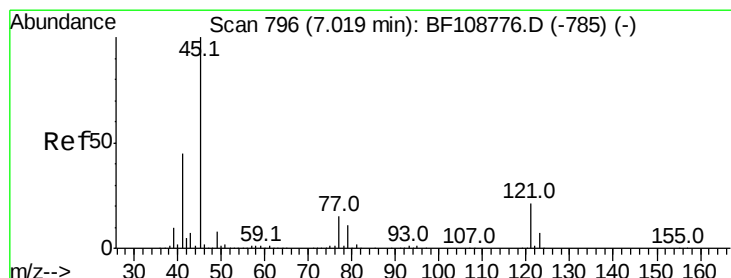
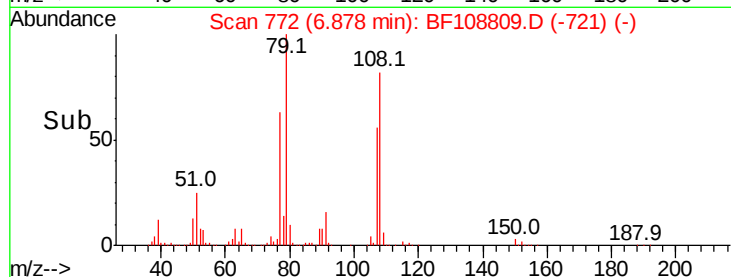
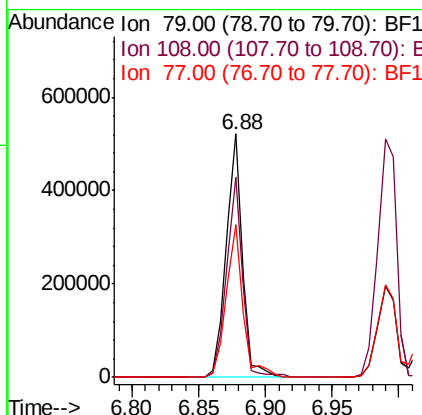
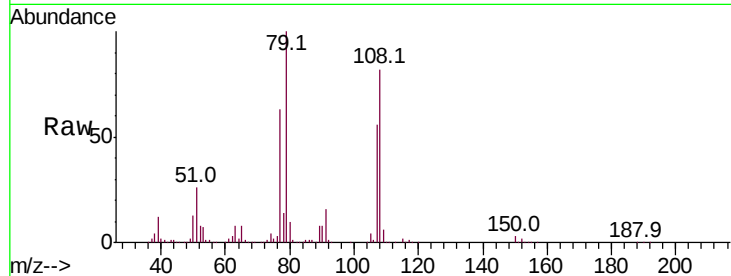
#15
Benzyl Alcohol
Concen: 37.241 ng
RT: 6.88 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.0	65.1	97.7
77	62.7	50.6	75.8

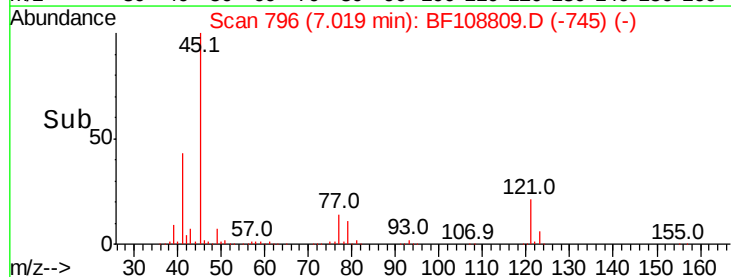
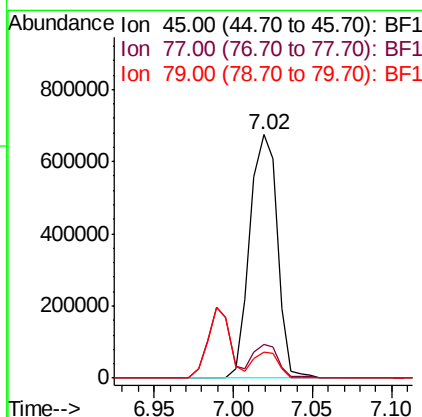
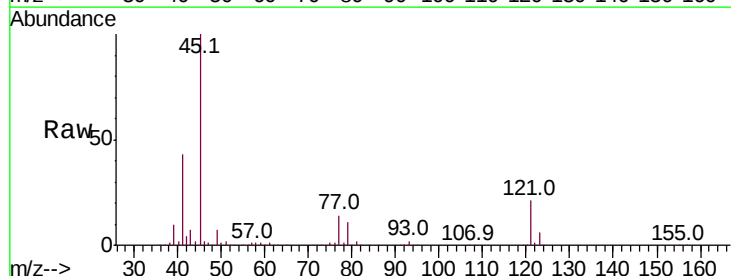
Manual Integrations
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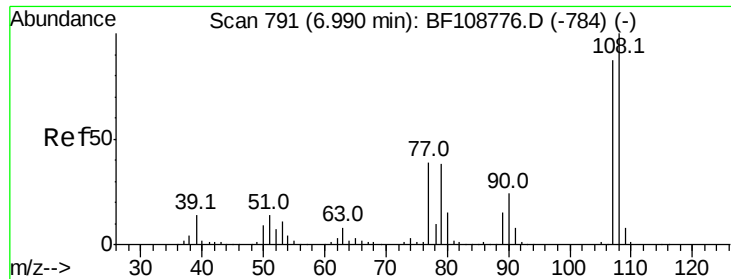
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.822 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	32.9
79	10.6	0.0	29.6





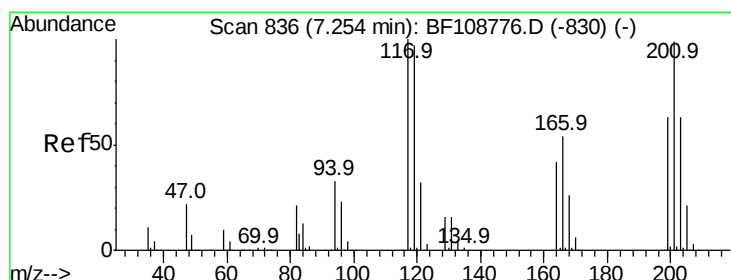
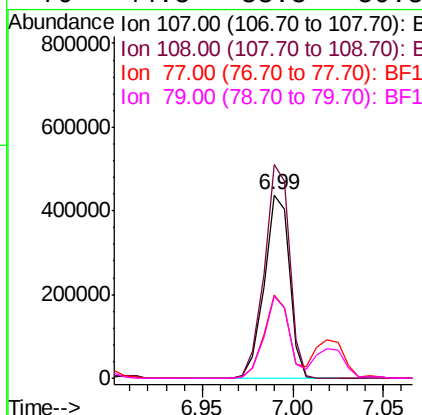
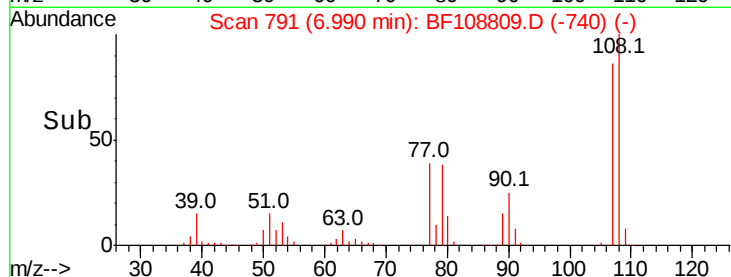
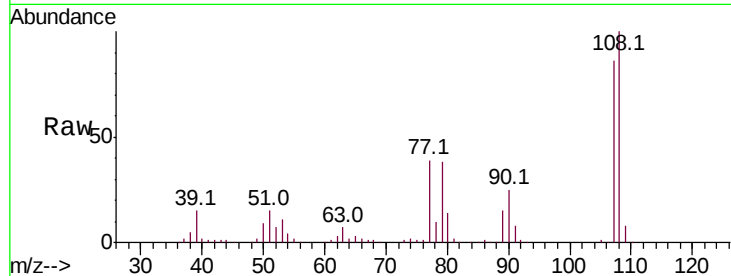
#17
2-Methylphenol
Concen: 37.019 ng
RT: 6.99 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	424592		
108	108.00	116.4		91.7	137.5
77	77.00	45.0		33.8	50.8
79	79.00	44.5		33.8	50.8

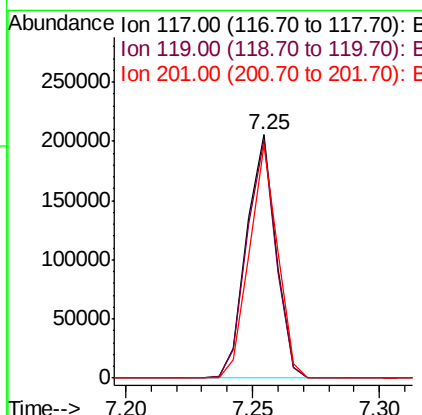
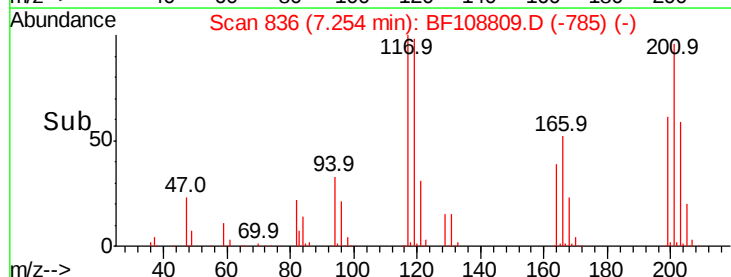
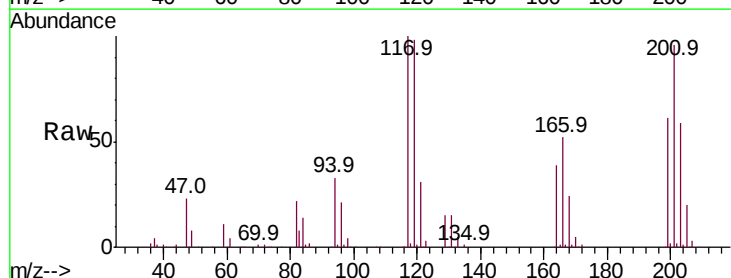
Manual Integrations
APPROVED

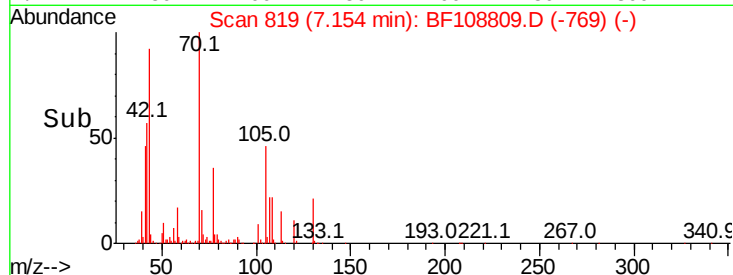
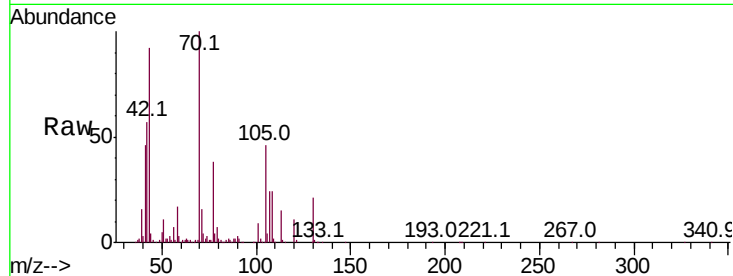
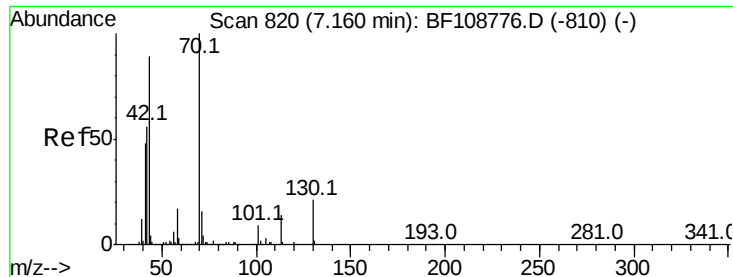
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#18
Hexachloroethane
Concen: 29.617 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	165396		
119	119.00	97.9		75.8	113.8
201	201.00	95.9		75.7	113.5





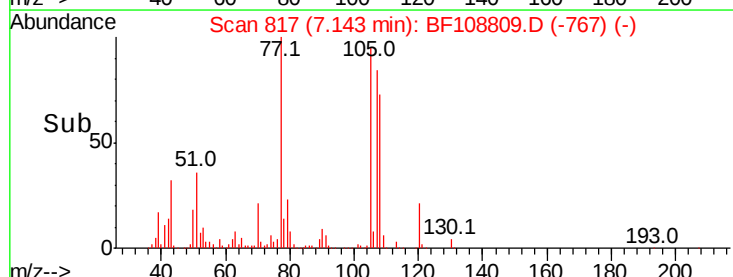
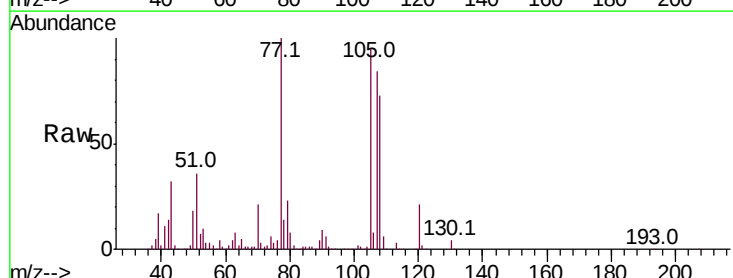
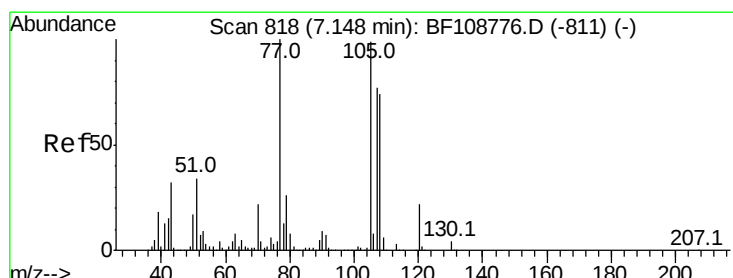
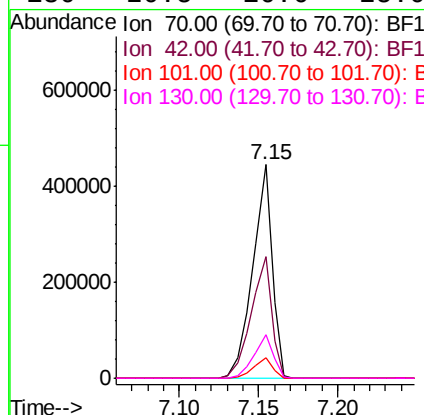
#19
n-Nitroso-di-n-propylamine
Concen: 34.644 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	56.9	47.5	71.3		
101	9.4	7.4	11.2		
130	20.5	16.6	25.0		

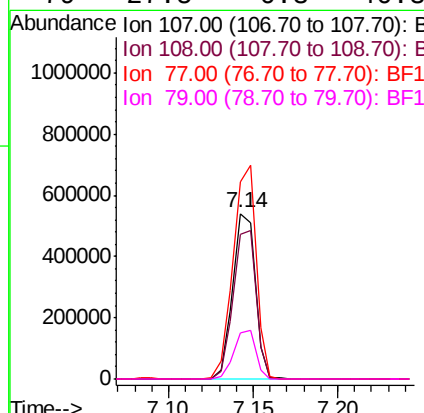
Manual Integrations
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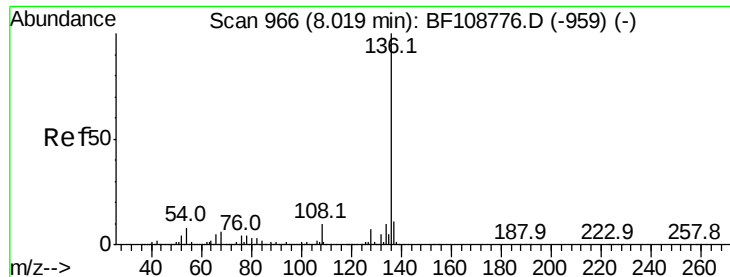
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#20
3+4-Methylphenols
Concen: 37.410 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.0	68.2	108.2		
77	119.4	26.7	66.7#		
79	27.5	6.3	46.3		





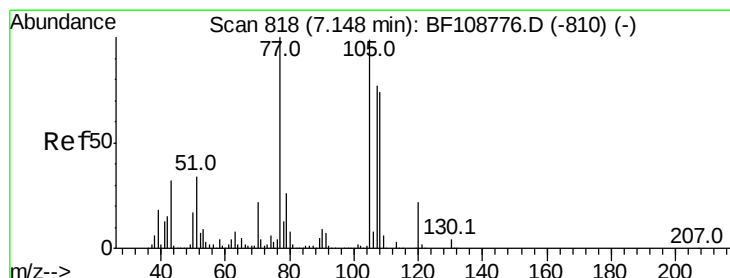
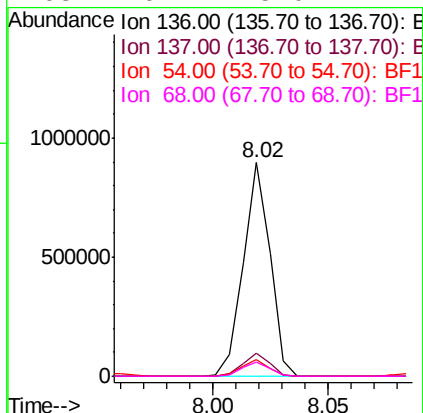
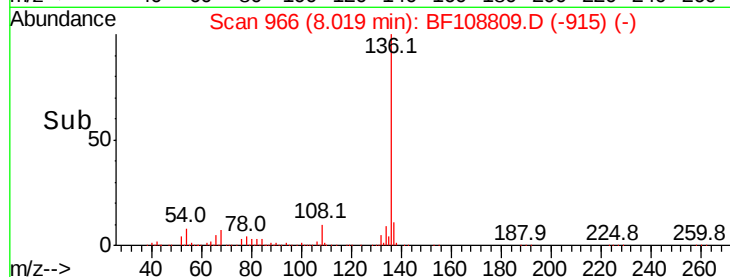
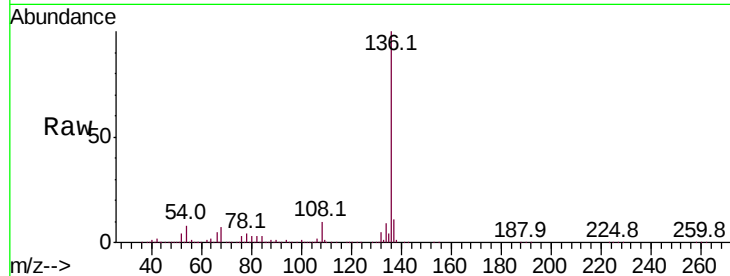
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	727039		
137	10.8		8.9	13.3
54	7.7		6.6	9.8
68	6.7		5.0	7.4

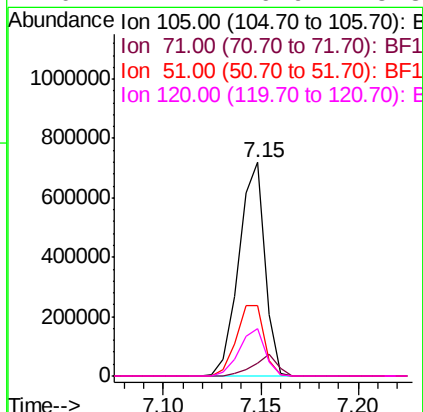
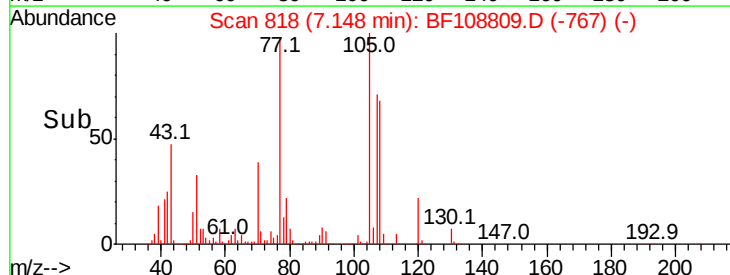
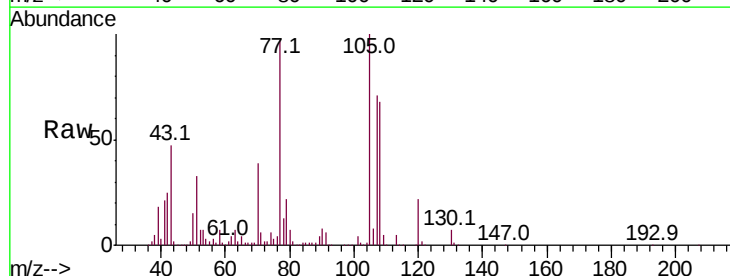
Manual Integrations
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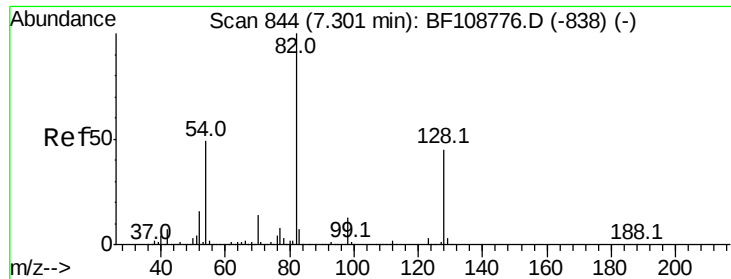
Sohil
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#22
Acetophenone
Concen: 40.277 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	664579		
71	6.3		4.4	6.6
51	32.8		22.3	33.5
120	22.1		16.9	25.3





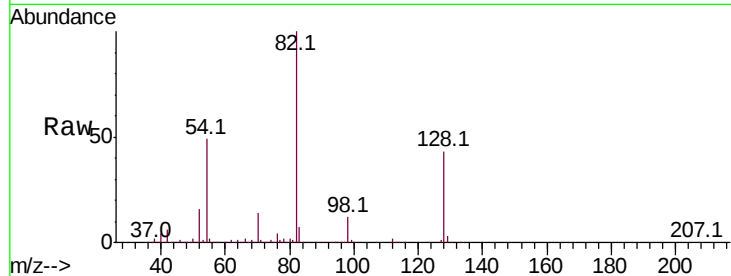
#23
Nitrobenzene-d5
Concen: 89.229 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

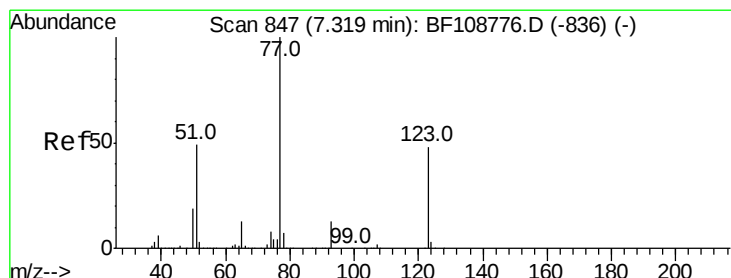
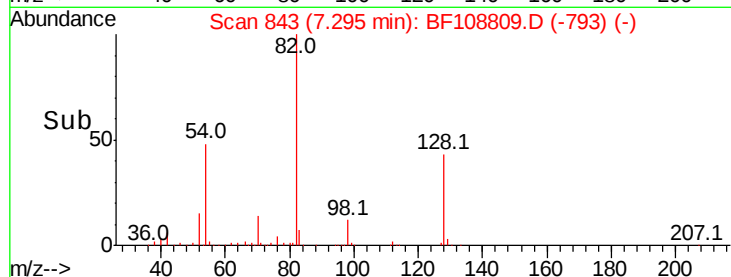
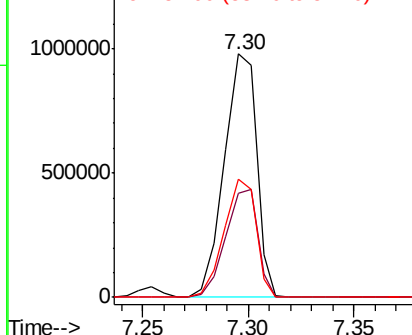
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	48.7	41.4	62.2

Manual Integrations
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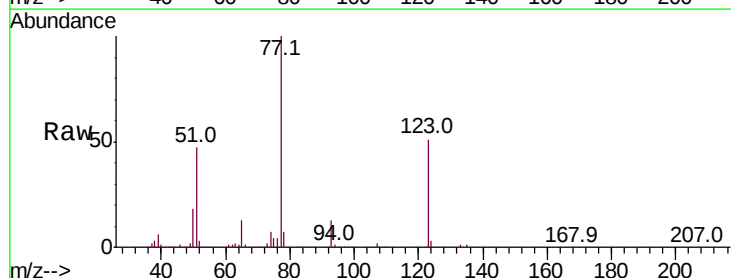


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

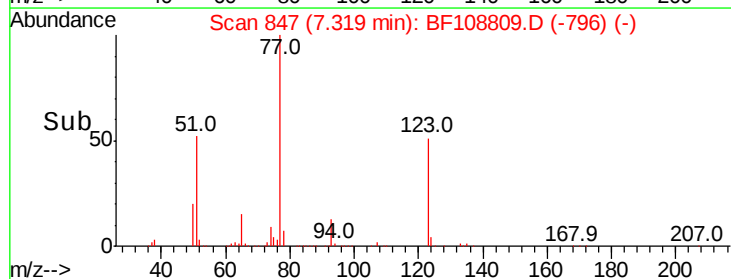
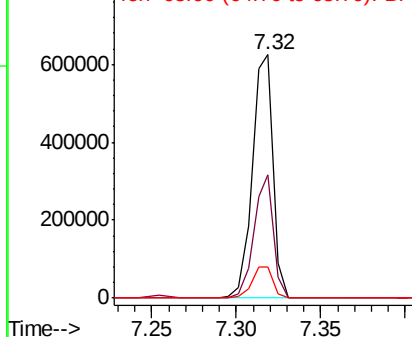


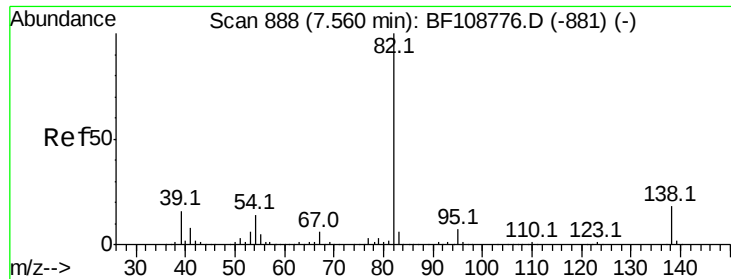
#24
Nitrobenzene
Concen: 43.328 ng
RT: 7.32 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	37.9	56.9
65	13.0	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.151 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

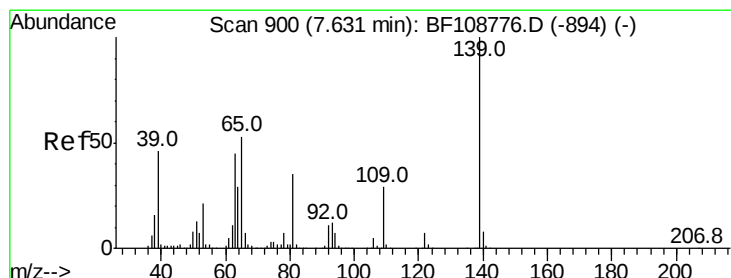
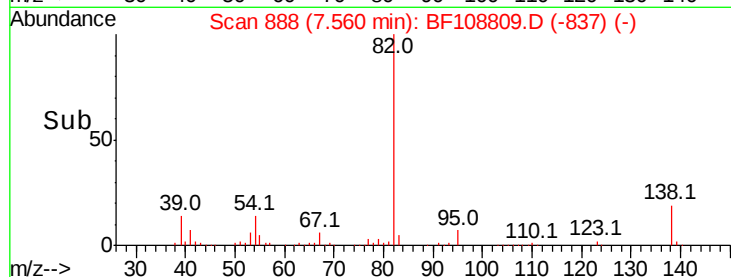
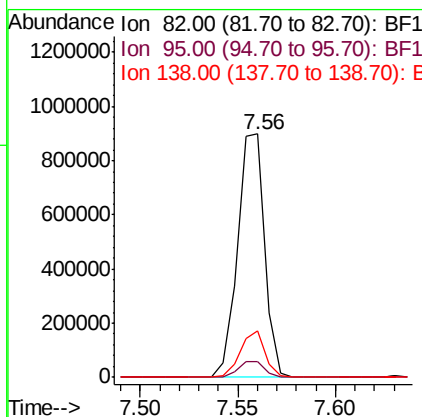
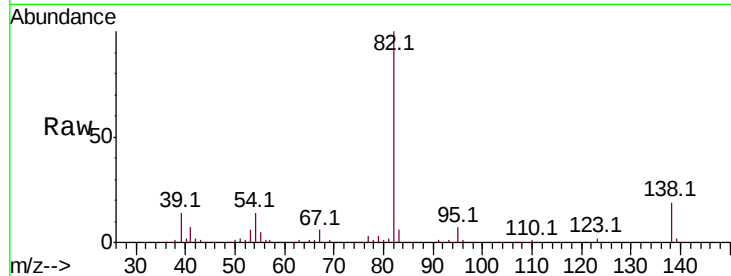
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	860907
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	18.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 27.746 ng

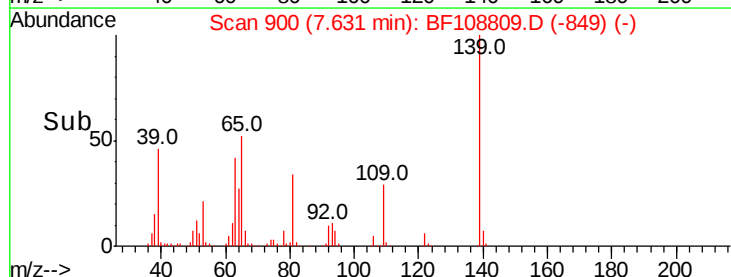
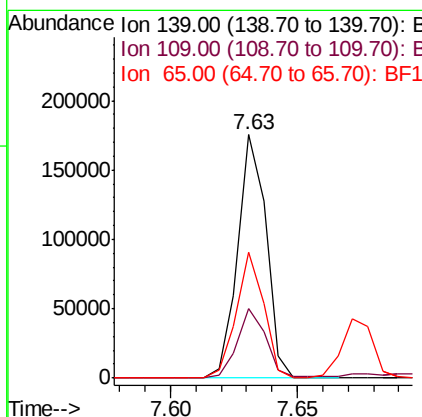
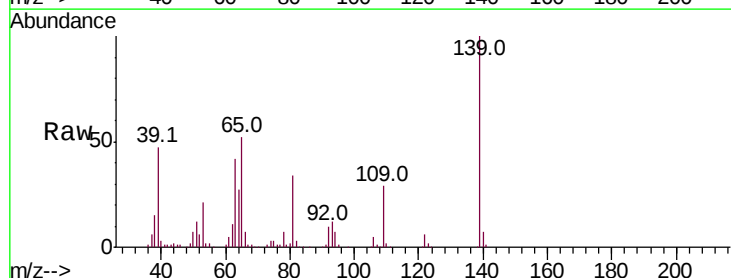
RT: 7.63 min Scan# 900

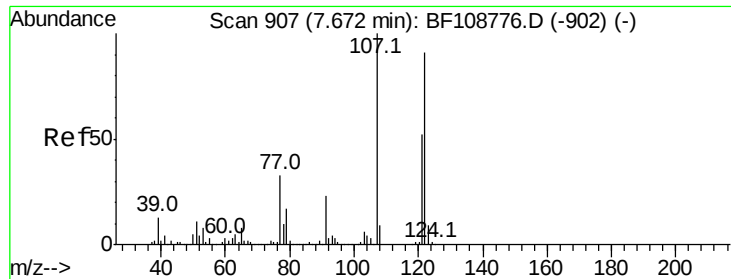
Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Tgt Ion:	139	Resp:	136260
Ion Ratio	Lower	Upper	
139	100		
109	28.7	22.7	34.1
65	51.9	40.5	60.7





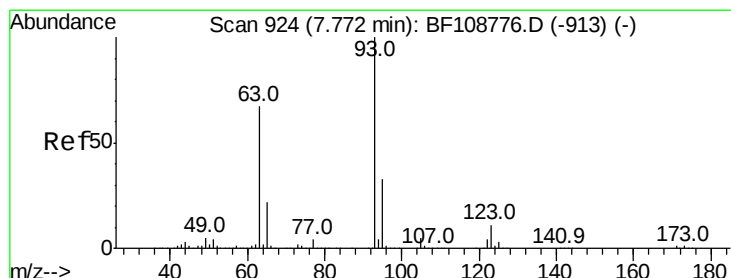
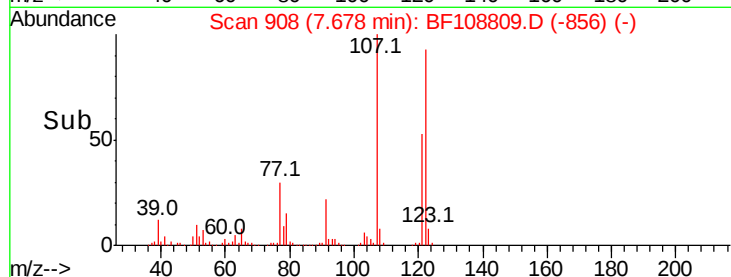
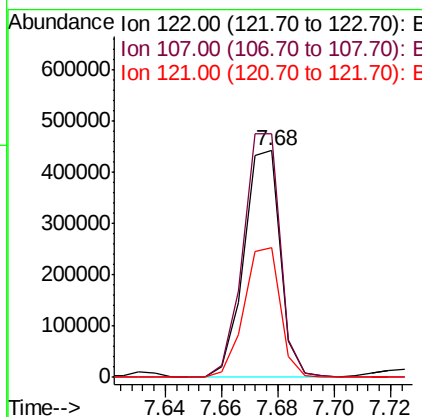
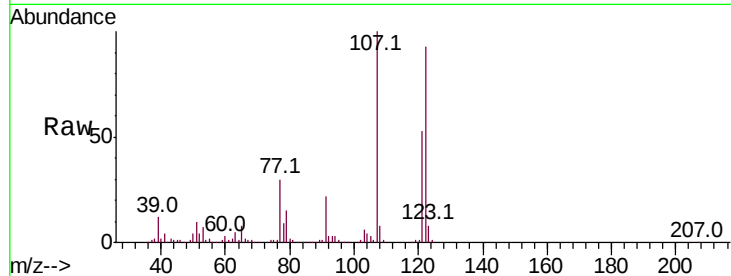
#27
2,4-Dimethylphenol
Concen: 39.808 ng
RT: 7.68 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	396992		
107	107.1	91.2	136.8	
121	57.1	47.2	70.8	

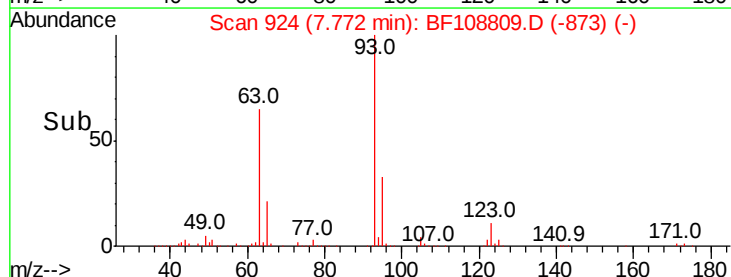
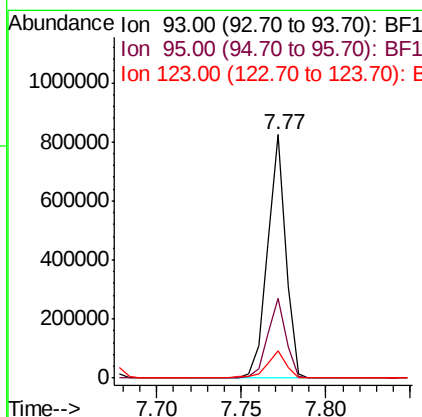
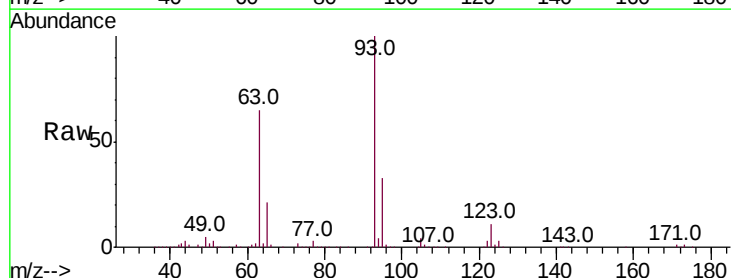
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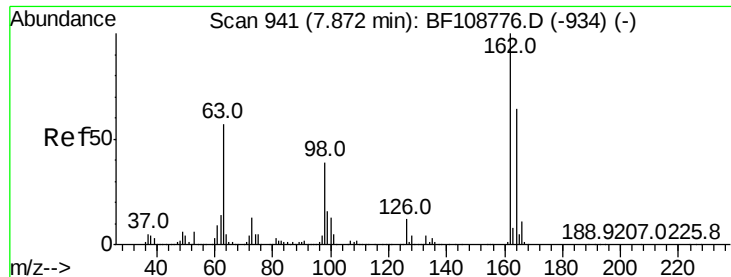
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#28
bis(2-Chloroethoxy)methane
Concen: 39.268 ng
RT: 7.77 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	608386		
95	32.7	26.3	39.5	
123	11.3	9.8	14.6	





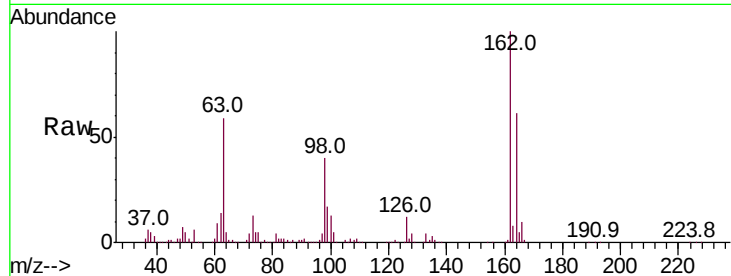
#29
2,4-Dichlorophenol
Concen: 37.421 ng
RT: 7.87 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

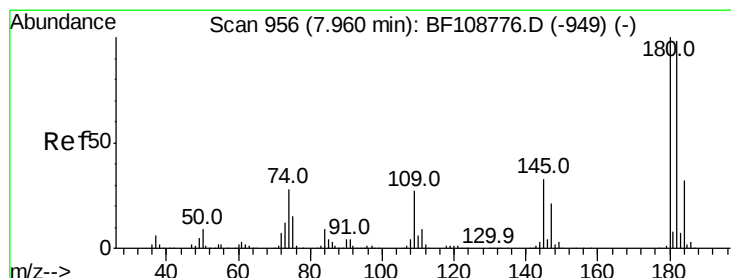
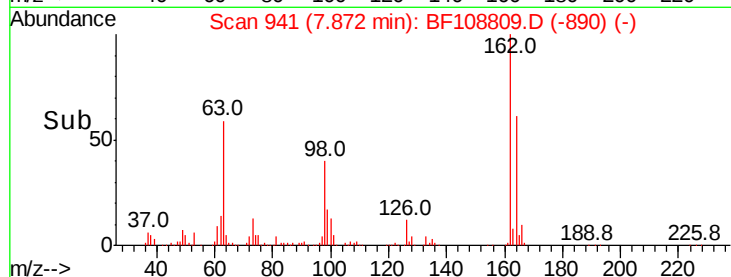
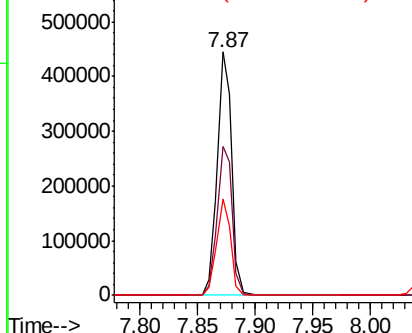
Tot Ion:	162	Resp:	384800
Ion Ratio	Lower	Upper	
162	100		
164	61.4	42.7	82.7
98	39.6	18.1	58.1

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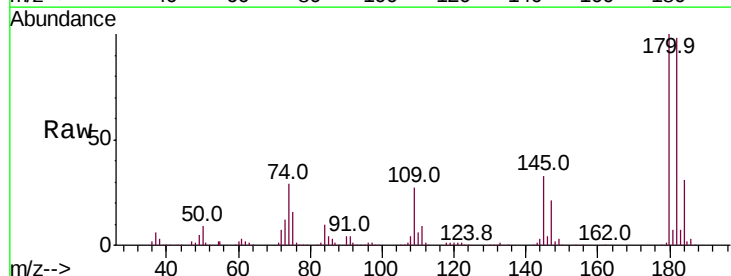


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

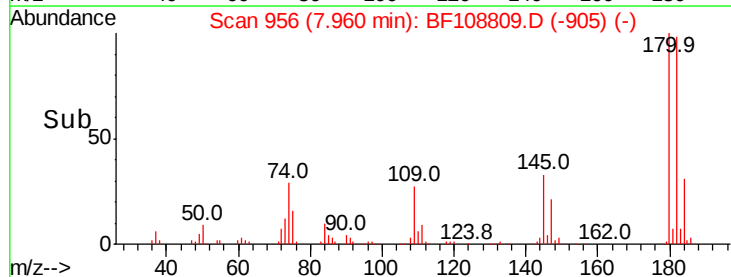
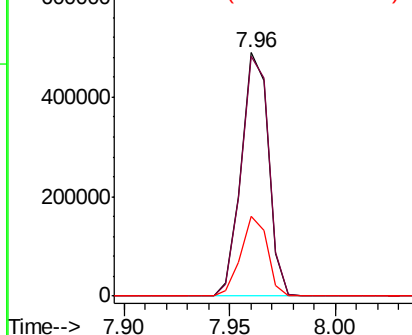


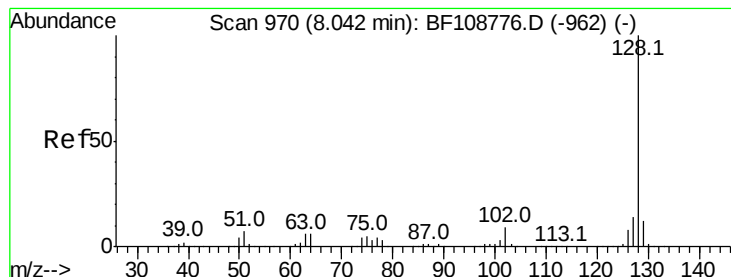
#30
1,2,4-Trichlorobenzene
Concen: 39.270 ng
RT: 7.96 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion:	180	Resp:	437627
Ion Ratio	Lower	Upper	
180	100		
182	98.4	76.8	115.2
145	32.8	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.996 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1308260

Ion Ratio Lower Upper

128 100

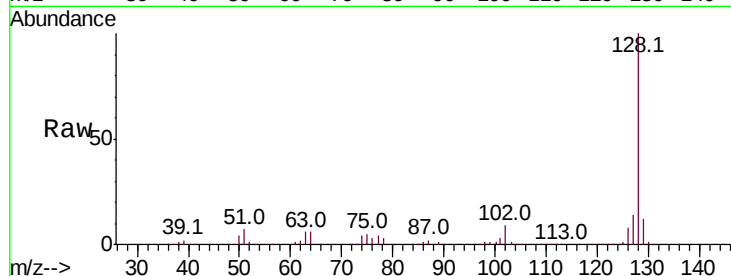
129 11.5 8.8 13.2

127 13.5 10.9 16.3

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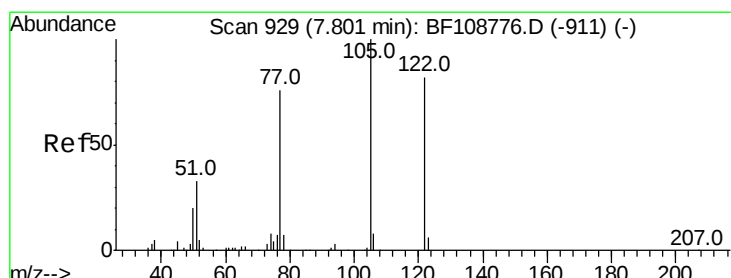
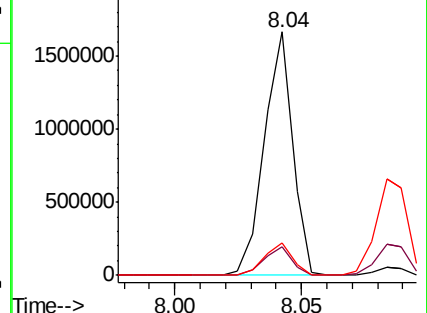
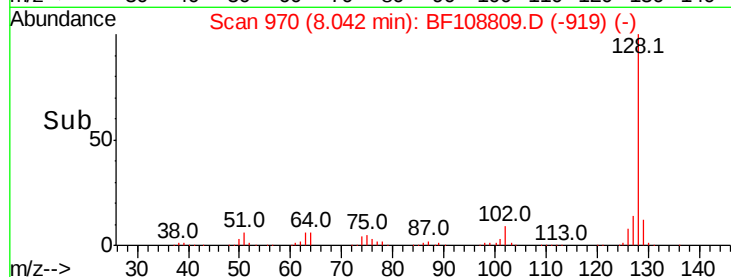
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.538 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.04 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

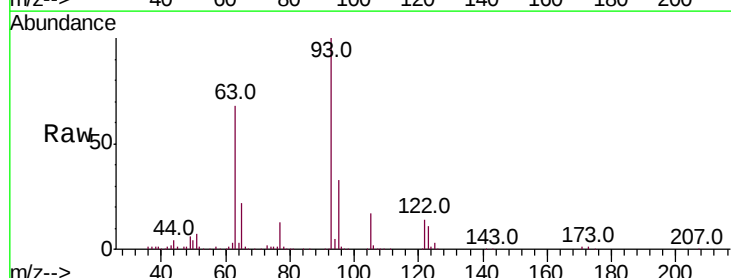
Tgt Ion:122 Resp: 187228

Ion Ratio Lower Upper

122 100

105 118.3 101.1 141.1

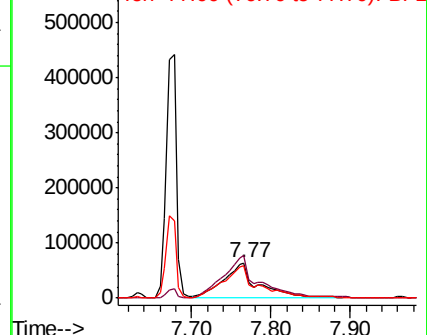
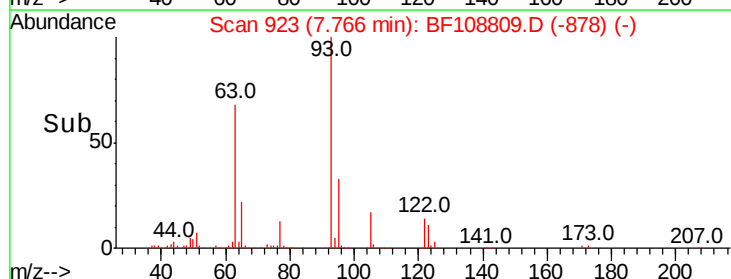
77 89.9 70.7 110.7

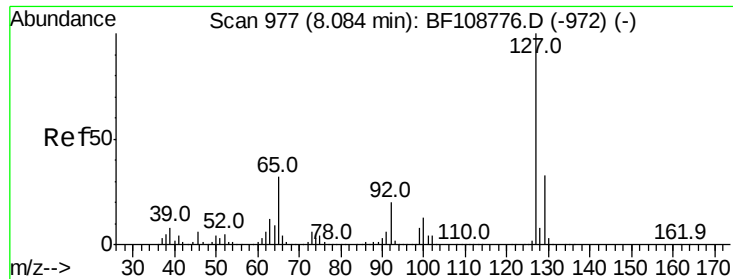


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





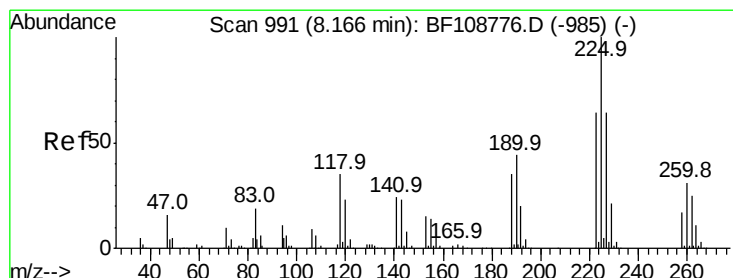
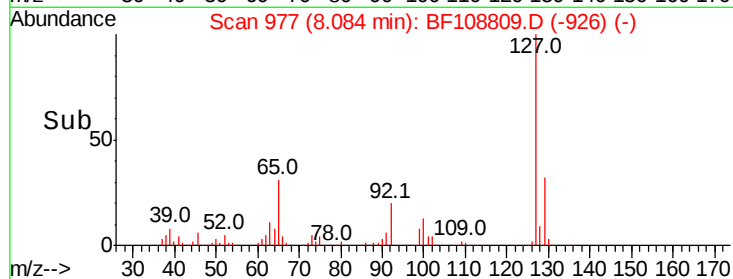
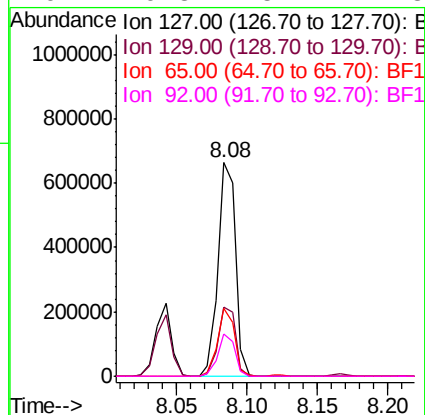
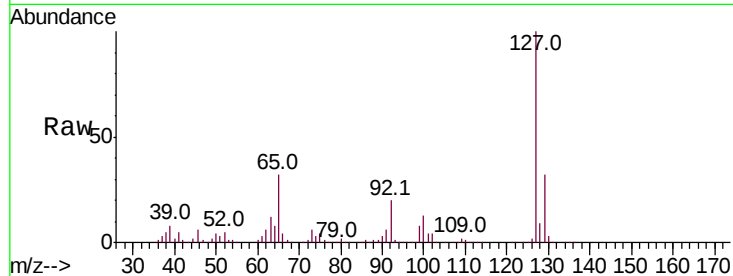
#33
4-Chloroaniline
Concen: 38.208 ng
RT: 8.08 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.9	38.9		
65	31.6	25.0	37.4		
92	19.8	15.2	22.8		

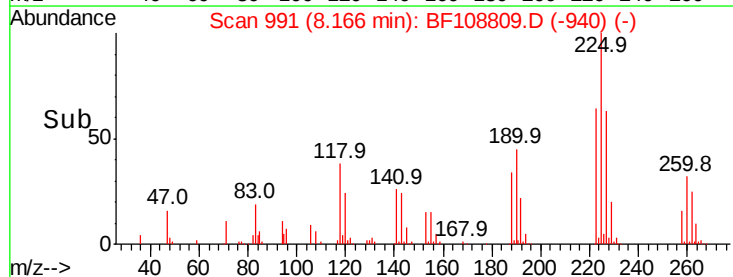
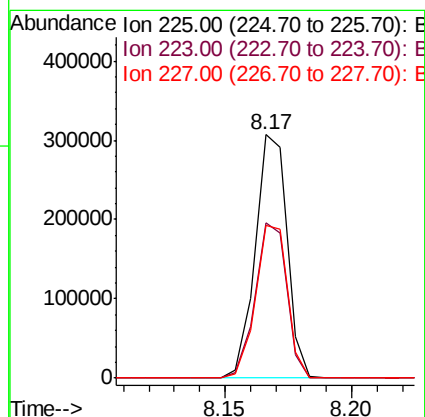
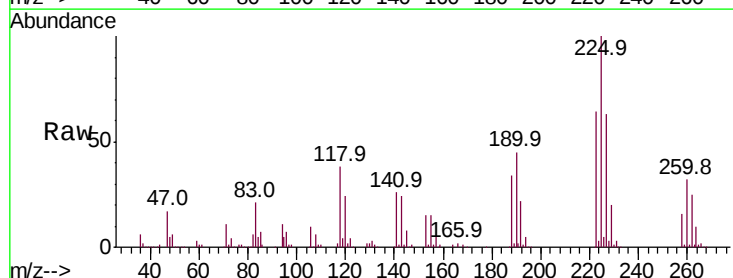
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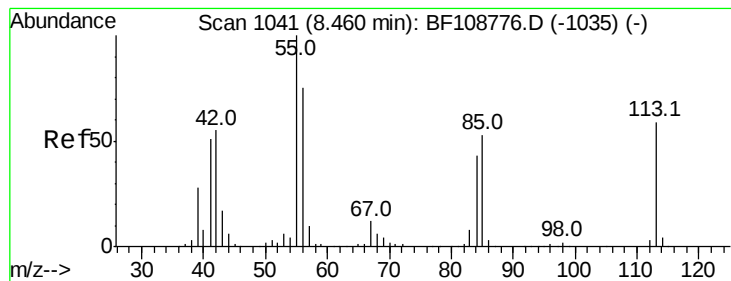
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#34
Hexachlorobutadiene
Concen: 40.442 ng
RT: 8.17 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	50.6	76.0		
227	62.7	51.9	77.9		





#35

Caprolactam

Concen: 34.067 ng

RT: 8.45 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 118705

Ion Ratio Lower Upper

113 100

55 159.7 163.3 203.3#

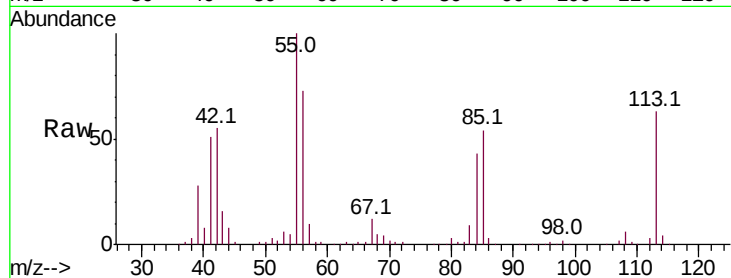
56 117.1 115.7 155.7

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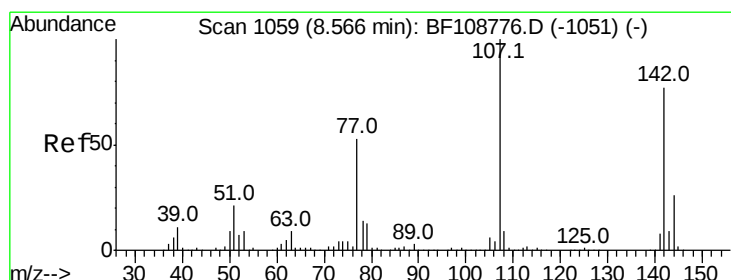
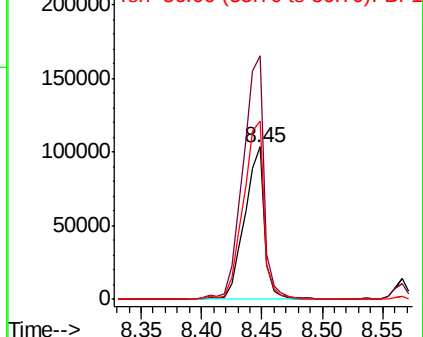
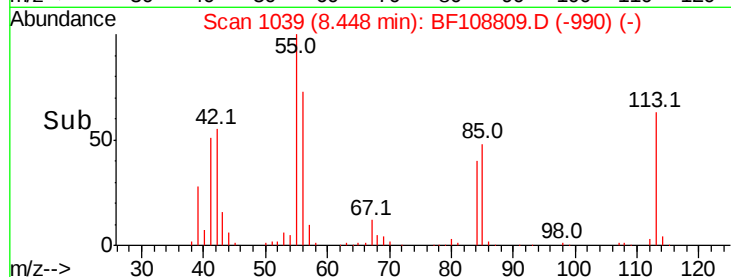
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 34.541 ng

RT: 8.57 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

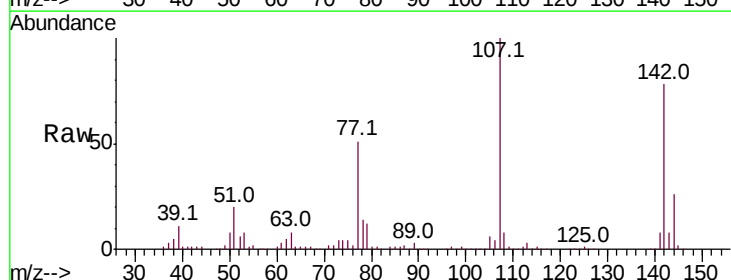
Tgt Ion:107 Resp: 378381

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

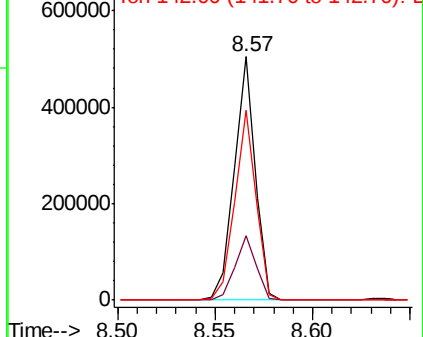
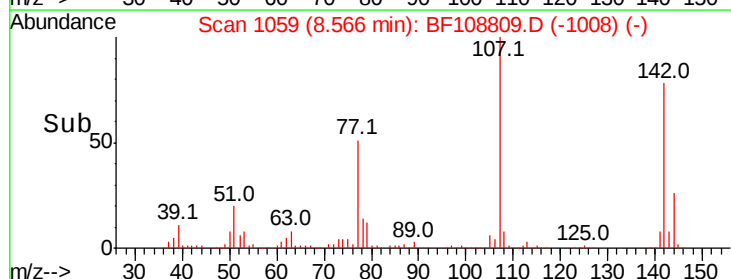
142 77.9 62.0 93.0

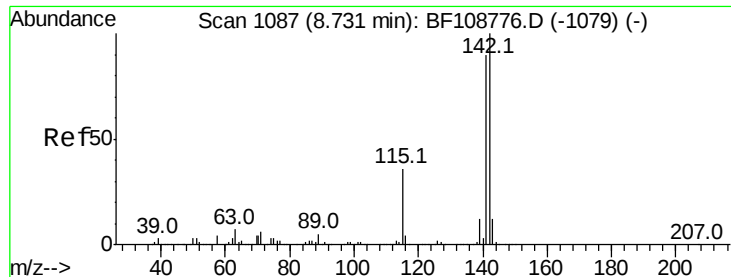


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





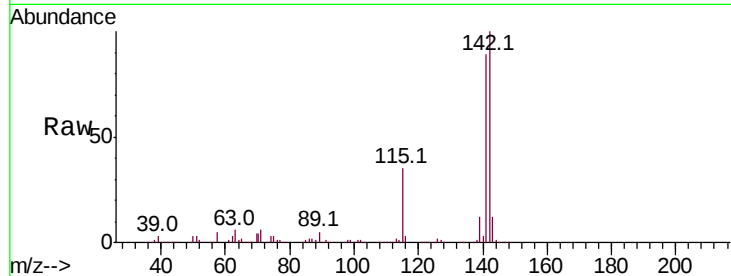
#37
2-Methylnaphthalene
Concen: 36.195 ng
RT: 8.73 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	34.6	26.1	39.1

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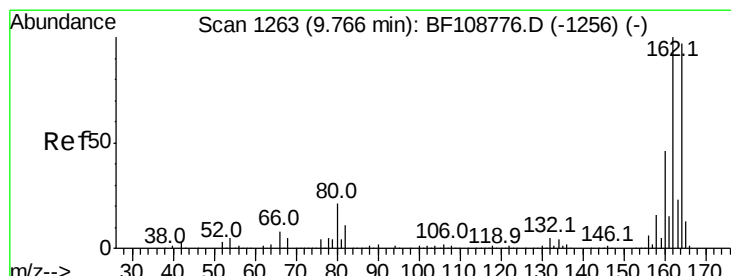
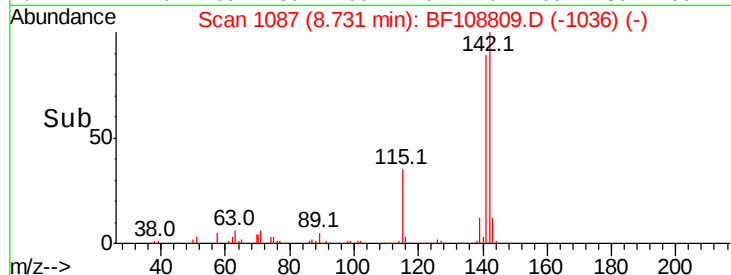
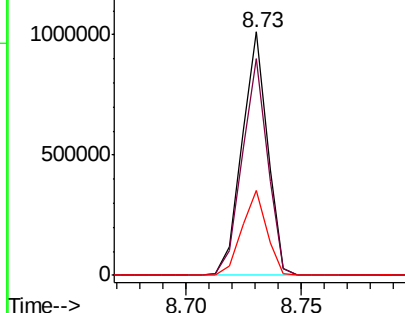


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

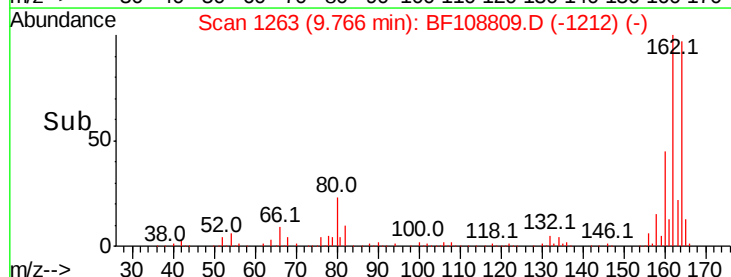
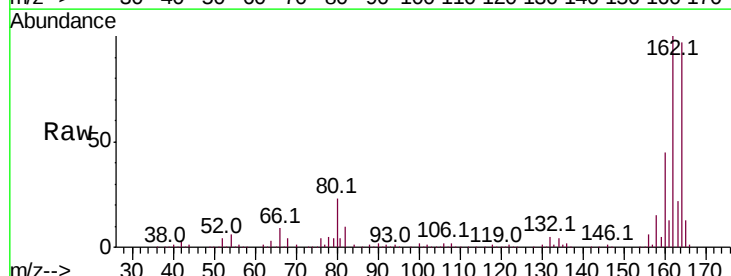
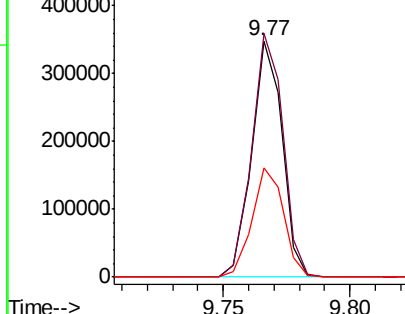
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.2	38.3	57.5

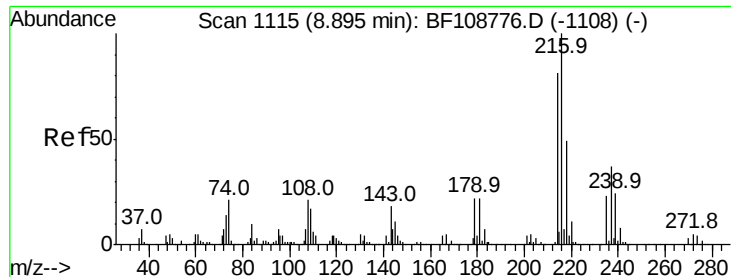
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





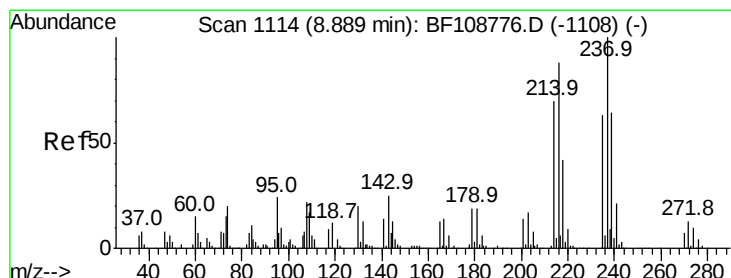
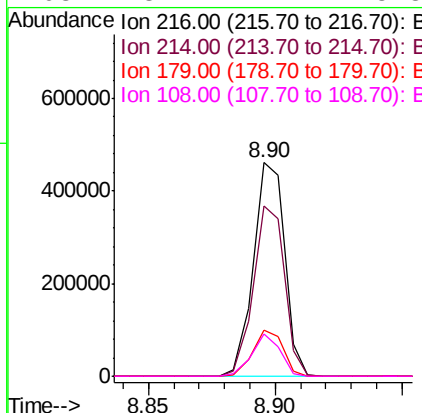
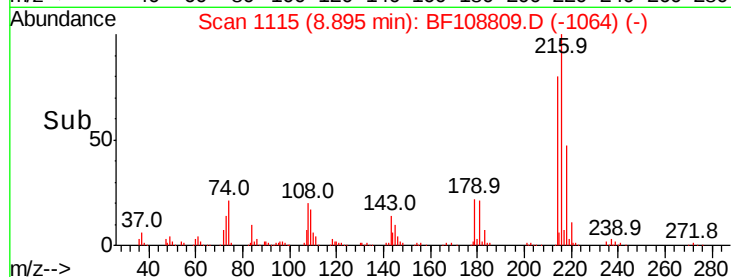
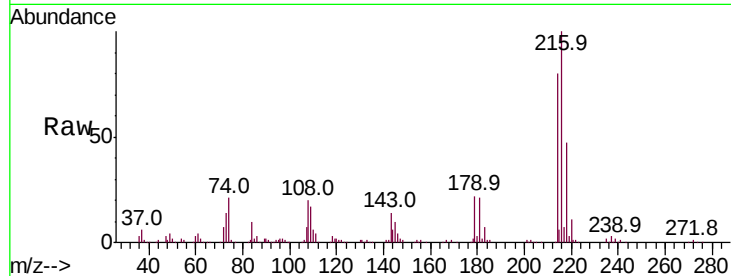
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.379 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF108809.D
 Acq: 6 Sep 2018 7:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.0	94.4
179	21.0	18.1	27.1
108	18.1	17.2	25.8

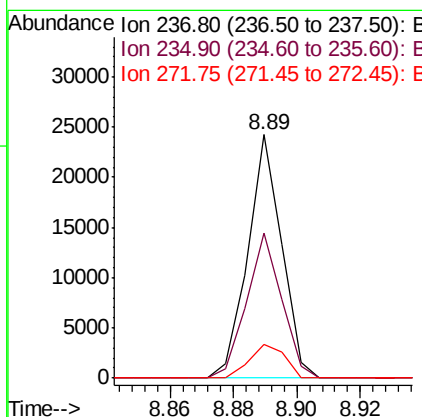
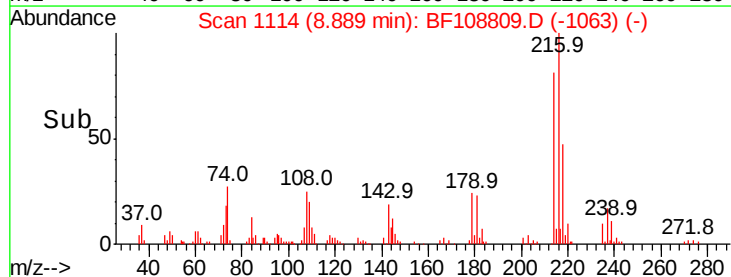
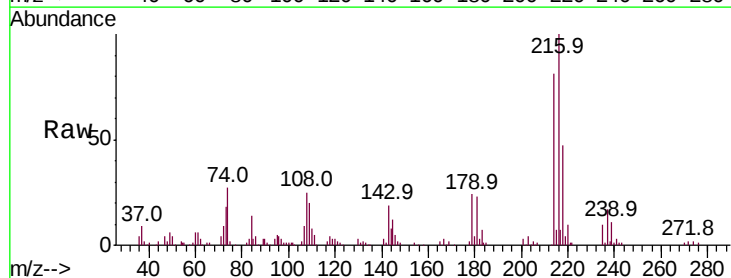
Manual Integrations
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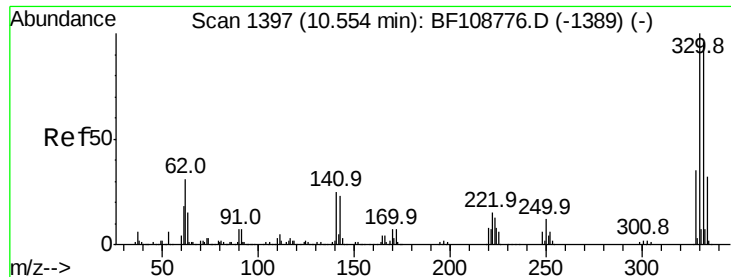
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 4.062 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF108809.D
 Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	59.6	44.8	84.8
272	13.7	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 87.939 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

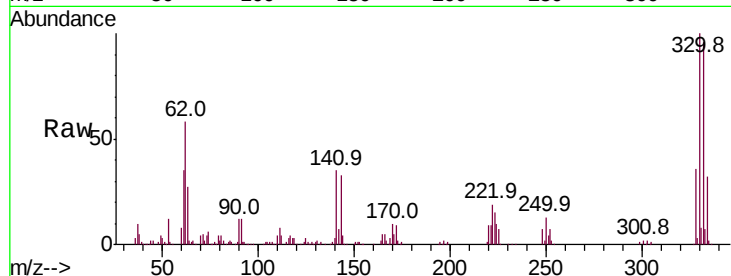
ClientSampleId :

SSTDCCC040

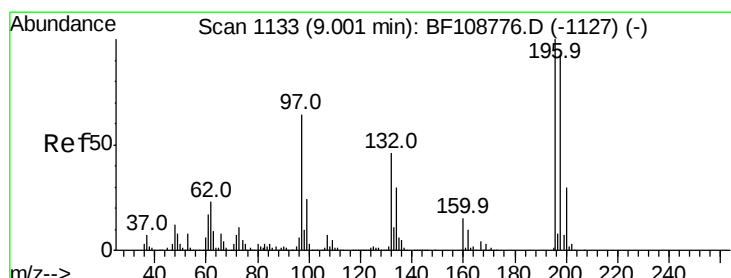
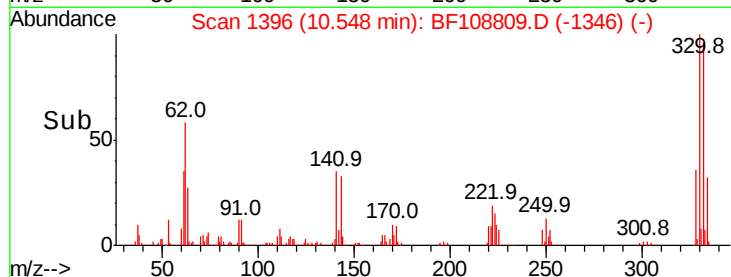
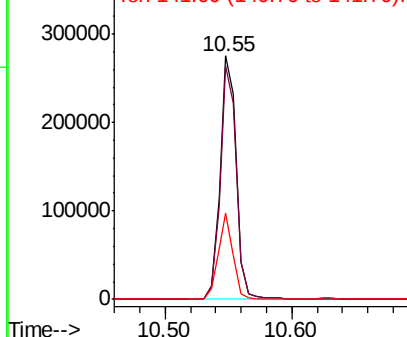
Tot Ion:	330	Resp:	245988
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	32.7	29.9	44.9

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 41.633 ng

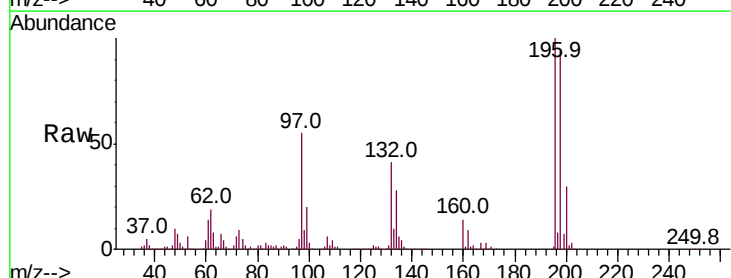
RT: 9.01 min Scan# 1134

Delta R.T. 0.01 min

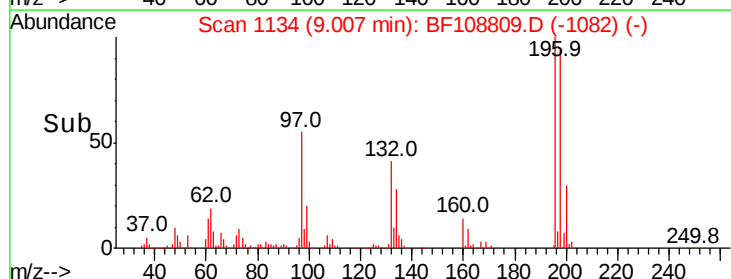
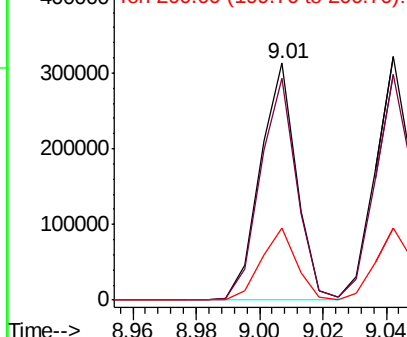
Lab File: BF108809.D

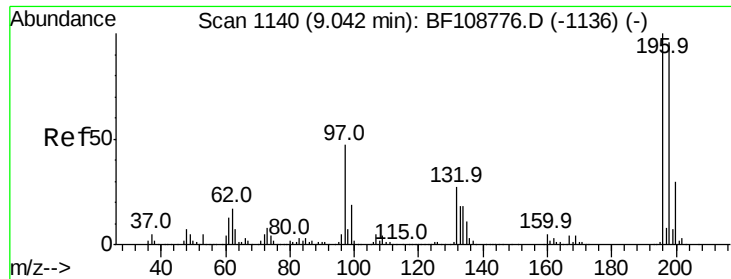
Acq: 6 Sep 2018 7:36

Tgt Ion:	196	Resp:	248385
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.7	113.5
200	30.4	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





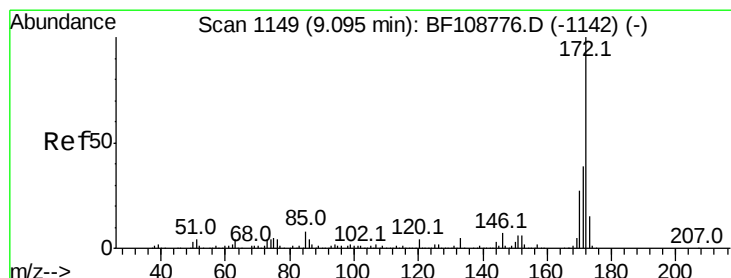
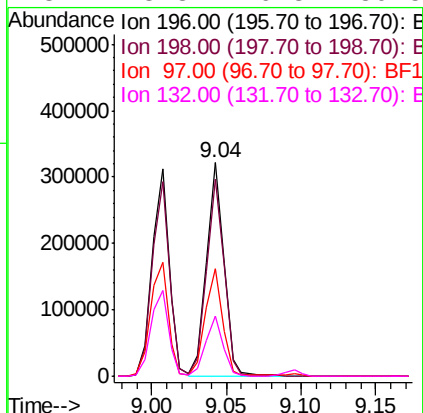
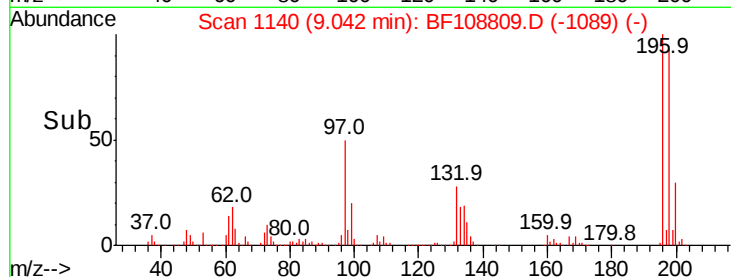
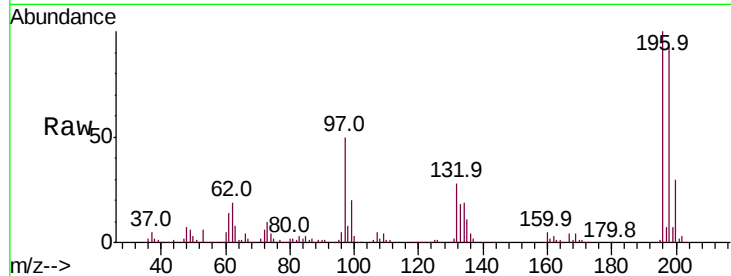
#43
2,4,5-Trichlorophenol
Concen: 41.704 ng
RT: 9.04 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:	196	Resp:	257904
Ion Ratio	Lower	Upper	
196	100		
198	92.5	74.6	112.0
97	50.3	42.9	64.3
132	28.3	26.3	39.5

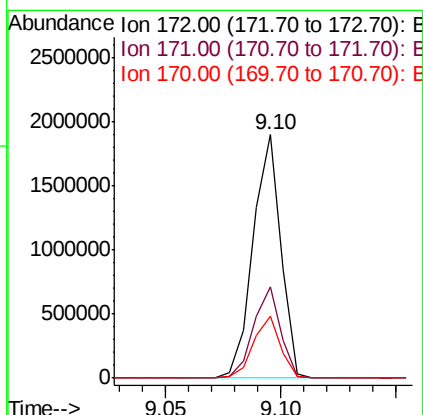
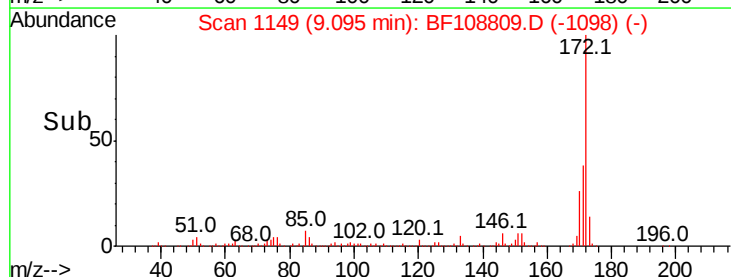
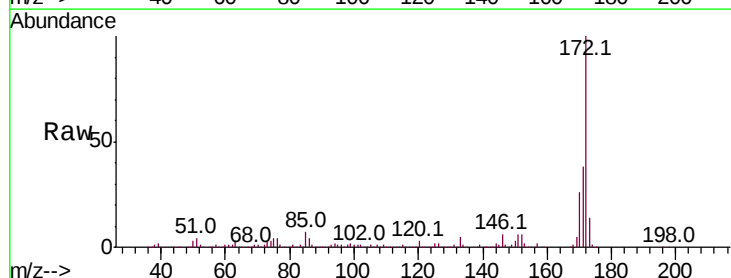
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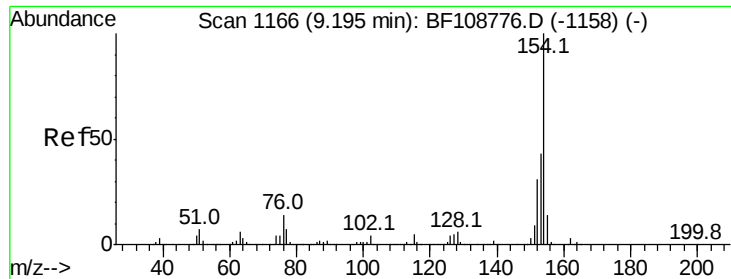
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#44
2-Fluorobiphenyl
Concen: 93.101 ng
RT: 9.10 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion:	172	Resp:	1599069
Ion Ratio	Lower	Upper	
172	100		
171	37.7	29.7	44.5
170	25.5	19.6	29.4





#45

1,1'-Biphenyl

Concen: 43.411 ng

RT: 9.20 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

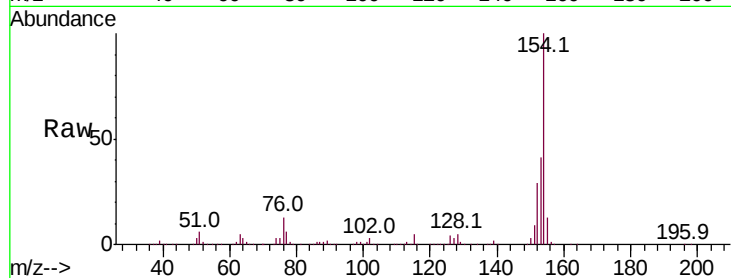
ClientSampleId :

SSTDCCC040

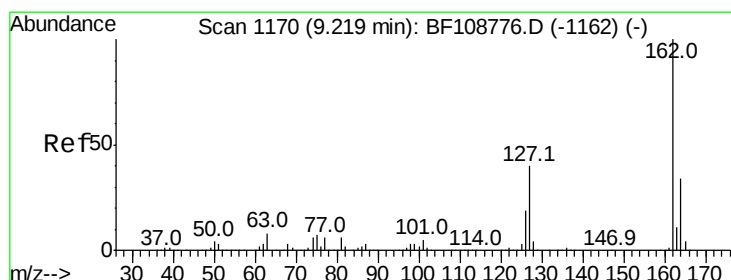
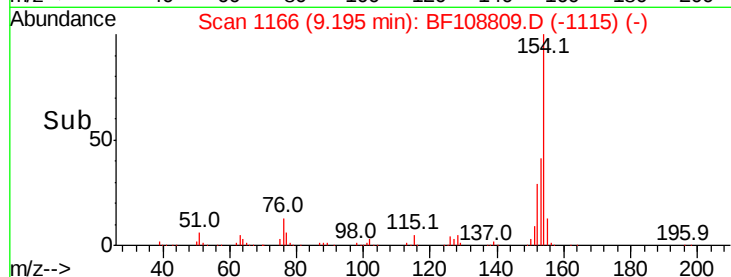
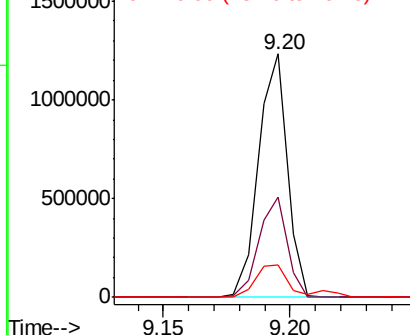
Tot Ion:	154	Resp:	979278
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.3	61.3
76	13.1	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 42.276 ng

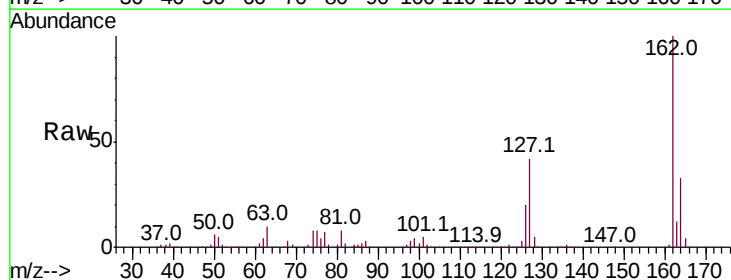
RT: 9.21 min Scan# 1169

Delta R.T. -0.01 min

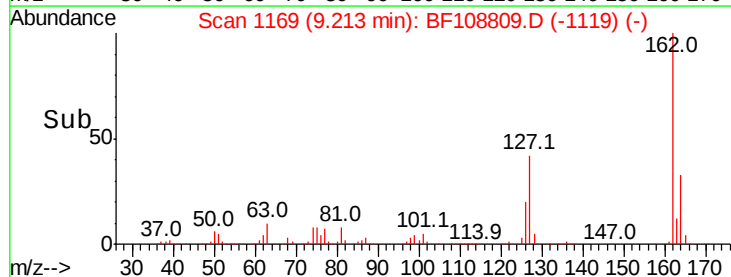
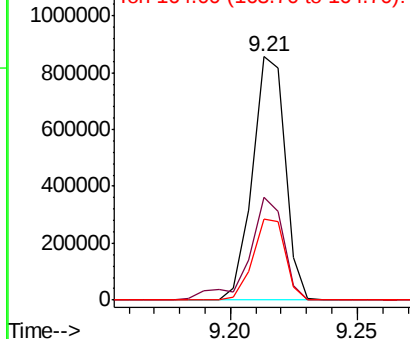
Lab File: BF108809.D

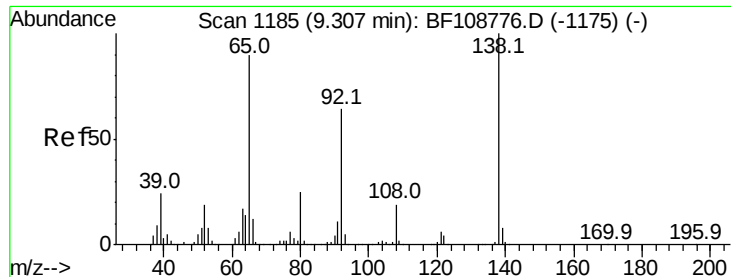
Acq: 6 Sep 2018 7:36

Tgt Ion:	162	Resp:	771285
Ion Ratio	Lower	Upper	
162	100		
127	42.1	33.9	50.9
164	33.1	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





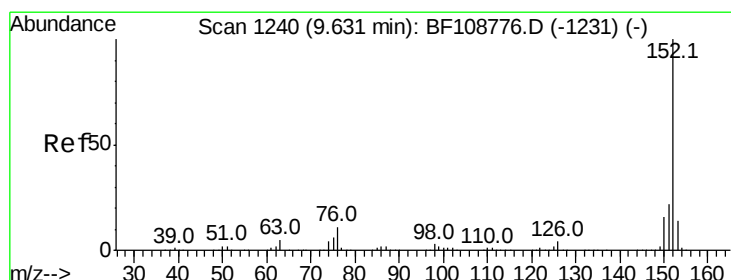
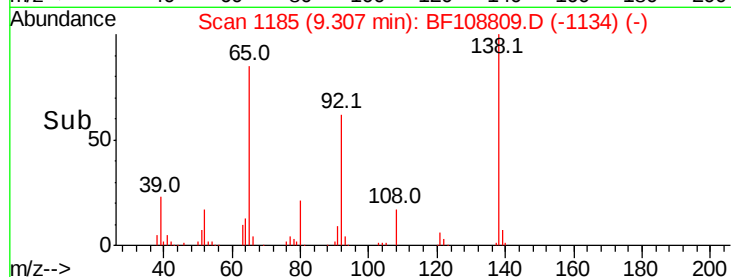
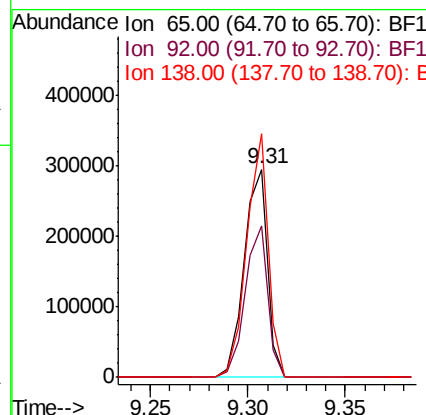
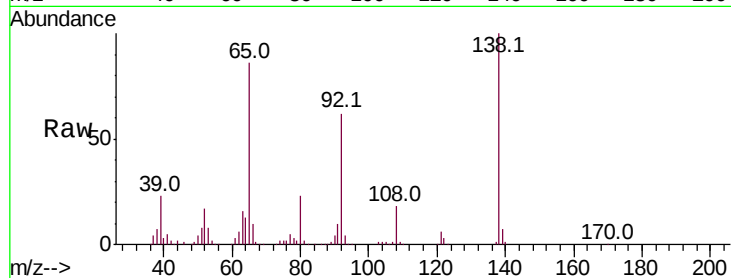
#47
2-Nitroaniline
Concen: 48.829 ng
RT: 9.31 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.8	55.8	83.6
138	116.9	91.2	136.8

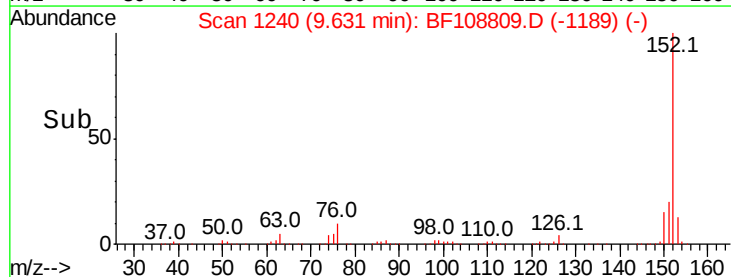
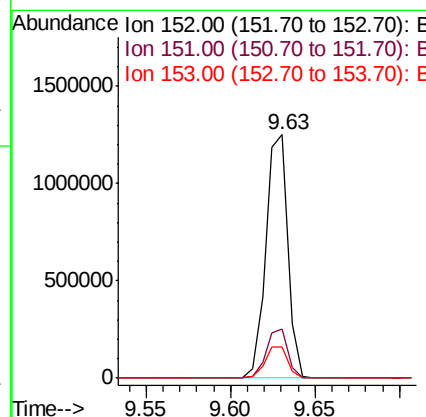
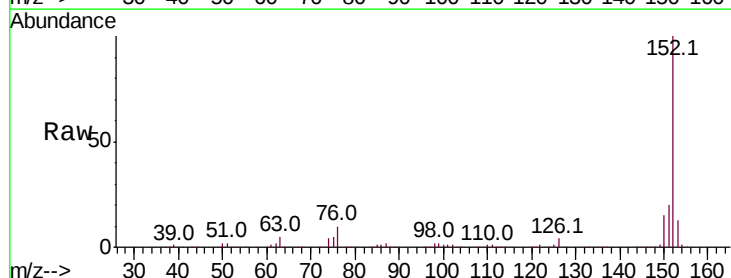
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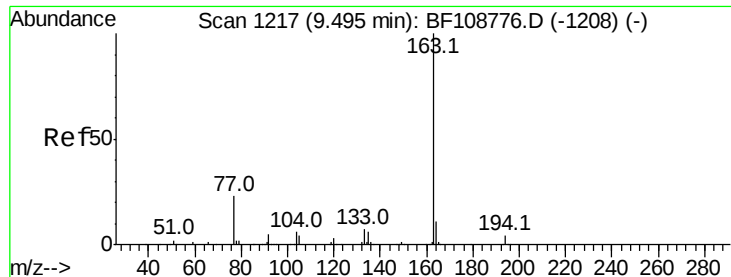
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#48
Acenaphthylene
Concen: 41.525 ng
RT: 9.63 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.0	10.7	16.1





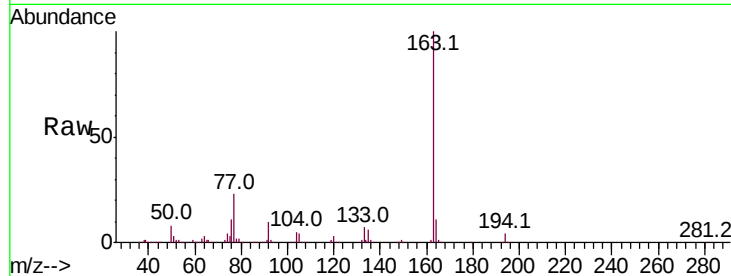
#49
Dimethylphthalate
Concen: 41.406 ng
RT: 9.49 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	848598		
194	3.8	2.7	4.1	
164	10.9	8.2	12.2	

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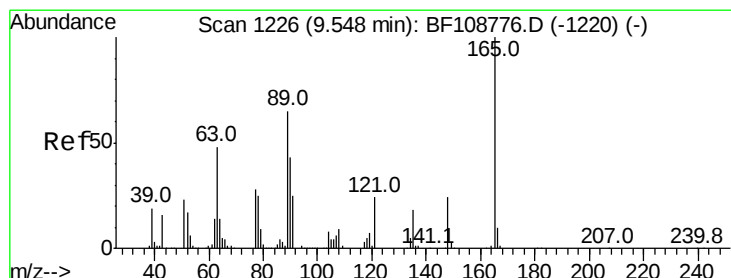
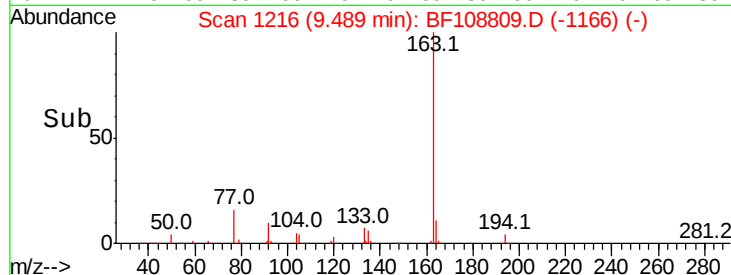
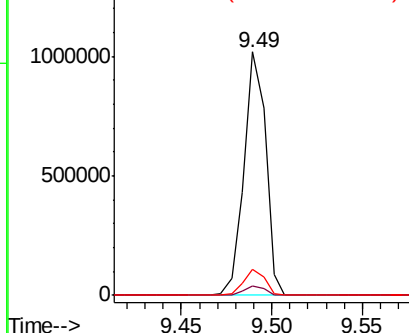


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 37.271 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

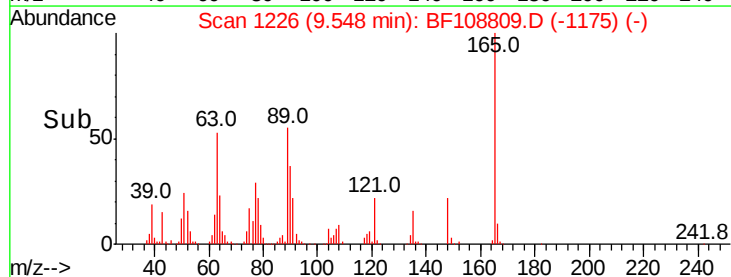
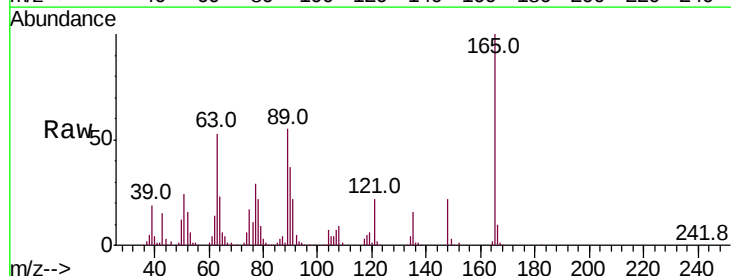
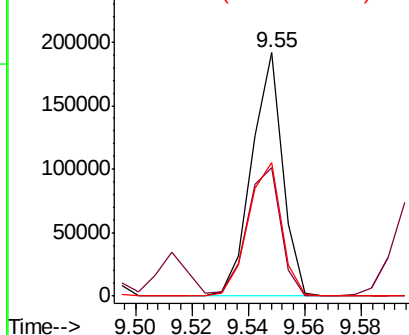
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	145549		
63	52.5	44.7	67.1	
89	55.1	44.0	66.0	

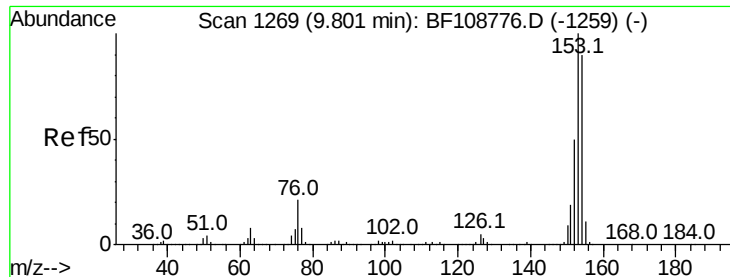
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.430 ng

RT: 9.80 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

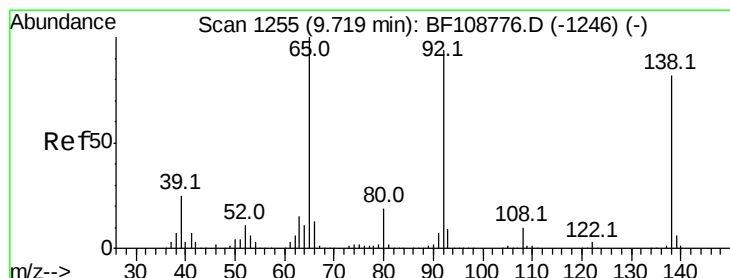
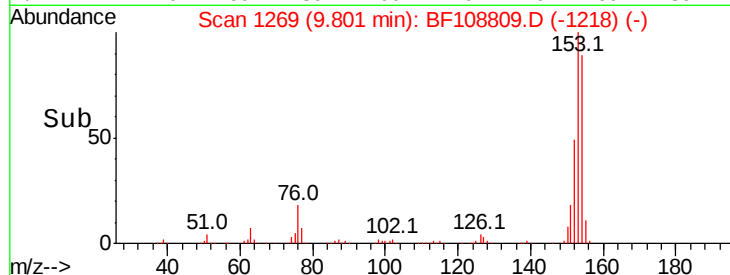
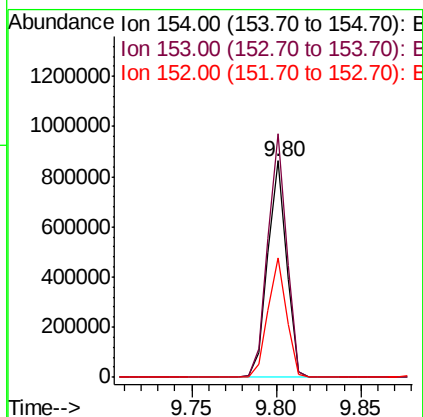
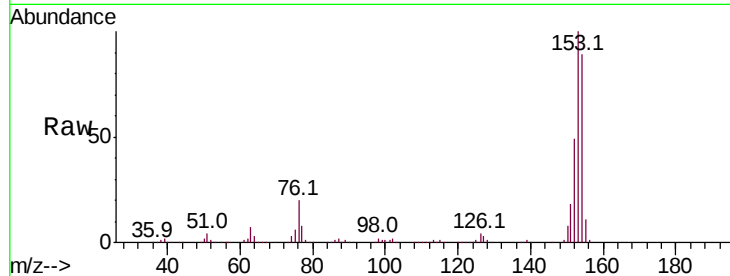
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	663539
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	55.3	43.8	65.8

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#52

3-Nitroaniline

Concen: 51.525 ng

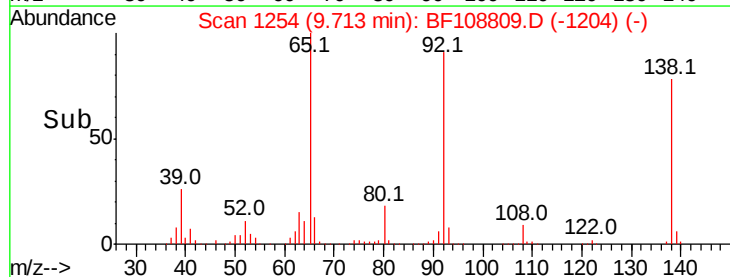
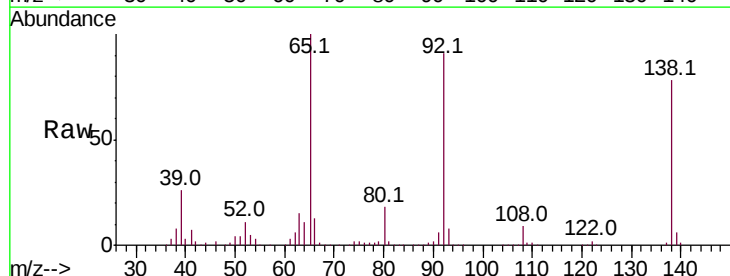
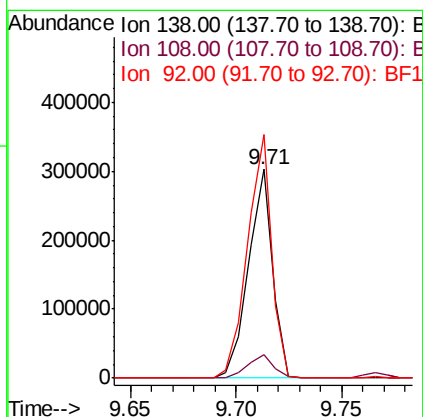
RT: 9.71 min Scan# 1254

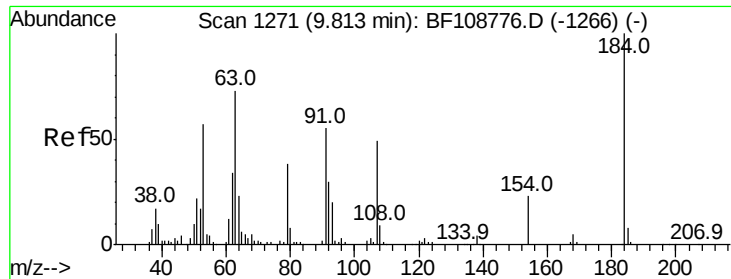
Delta R.T. -0.01 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Tgt Ion:	138	Resp:	239522
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.4	14.0
92	116.7	89.4	134.2





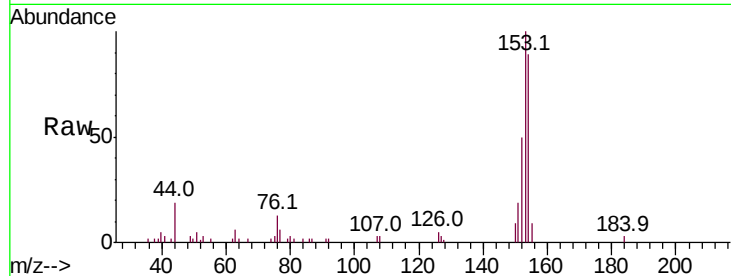
#53
2,4-Dinitrophenol
Concen: 9.696 ng
RT: 9.81 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	169.7	54.2	81.2#
154	2613.1	184.0	276.0

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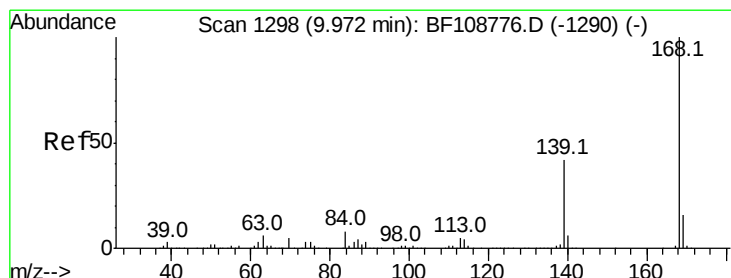
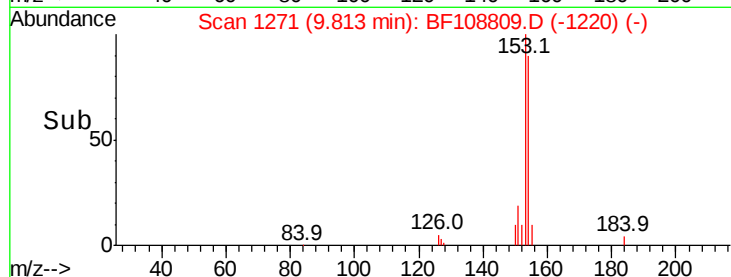
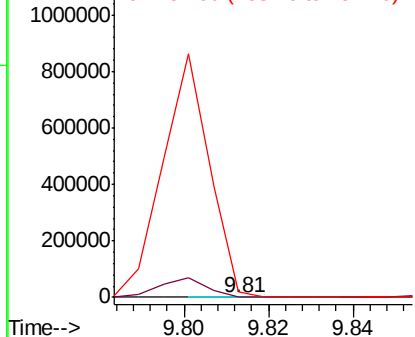


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 40.857 ng
RT: 9.97 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

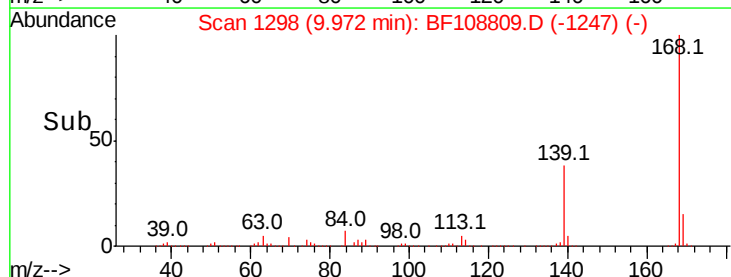
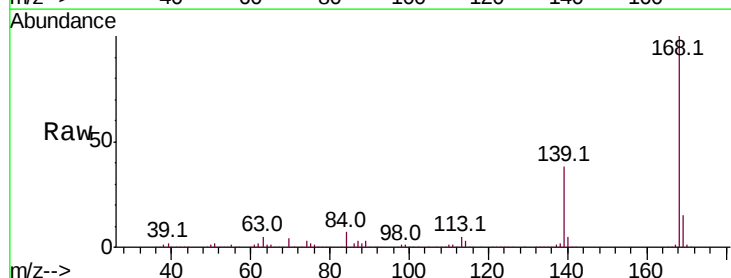
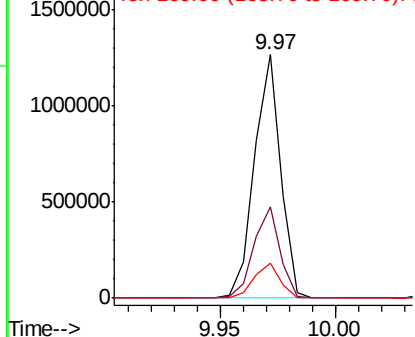
Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	14.6	10.9	16.3

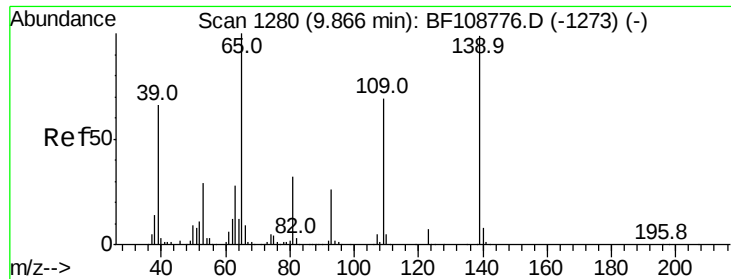
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





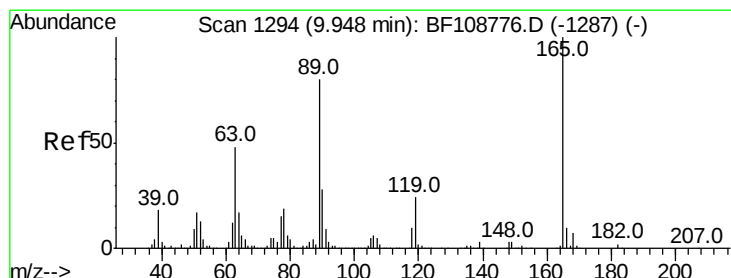
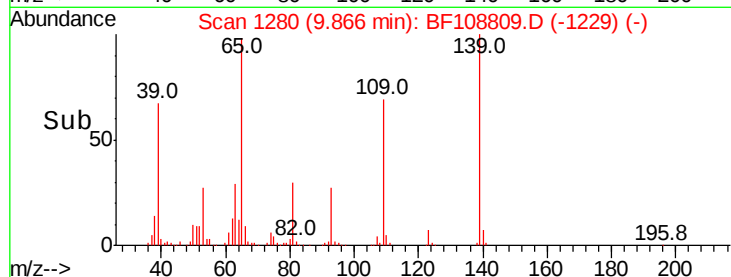
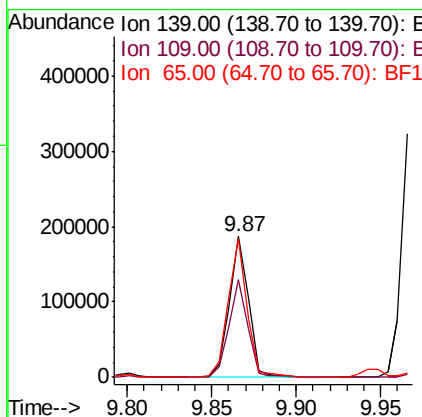
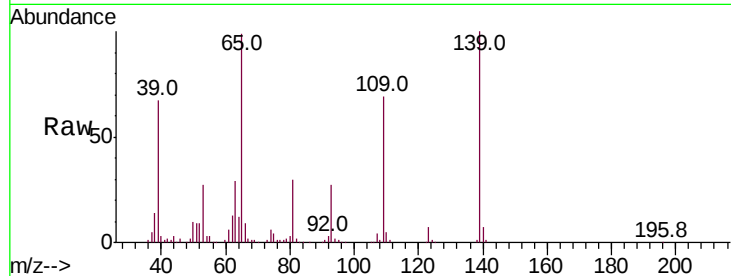
#55
4-Nitrophenol
Concen: 42.347 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	147165		
109	69.3	48.4	88.4	
65	98.5	72.6	112.6	

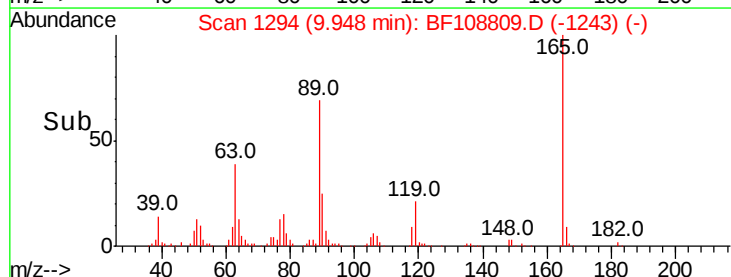
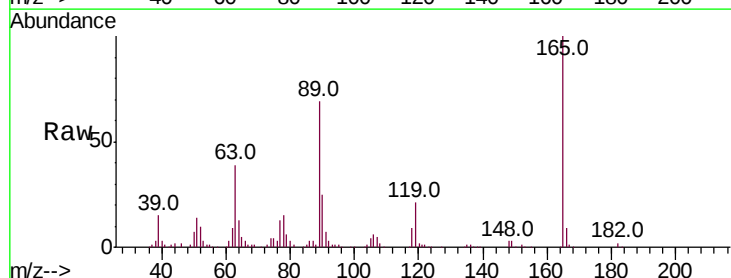
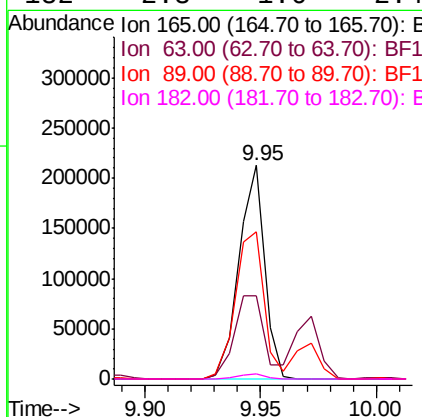
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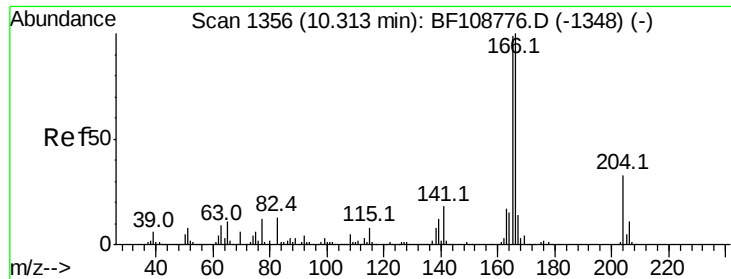
Sohil
9/6/2018 4:46:09 PM



#56
2,4-Dinitrotoluene
Concen: 33.061 ng
RT: 9.95 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165110		
63	39.2	36.4	54.6	
89	68.8	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 42.960 ng

RT: 10.31 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 676261

Ion Ratio Lower Upper

166 100

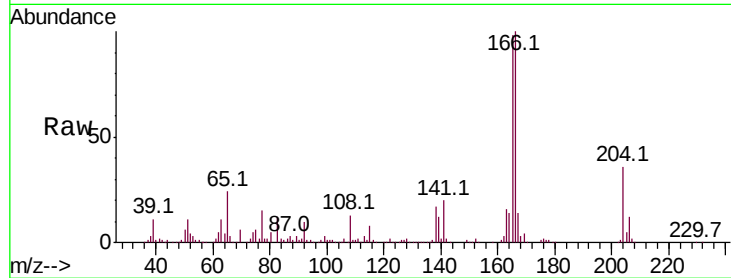
165 98.5 79.8 119.8

167 13.5 10.6 16.0

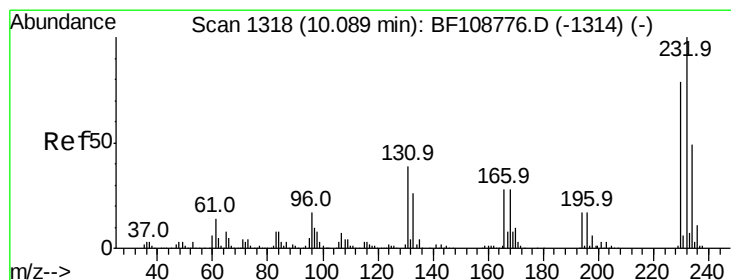
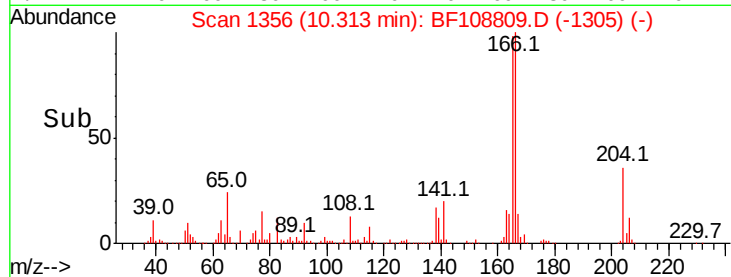
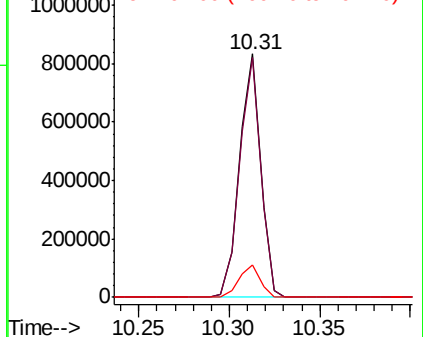
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.652 ng

RT: 10.09 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Tgt Ion:232 Resp: 207725

Ion Ratio Lower Upper

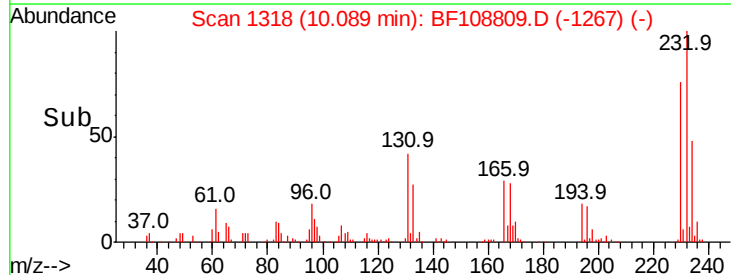
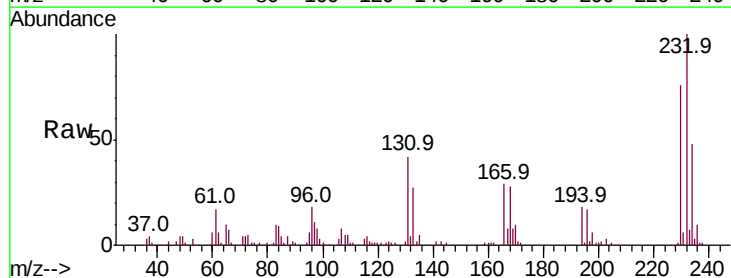
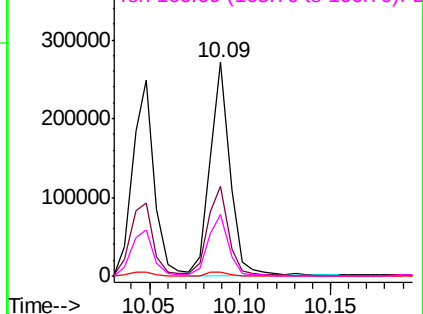
232 100

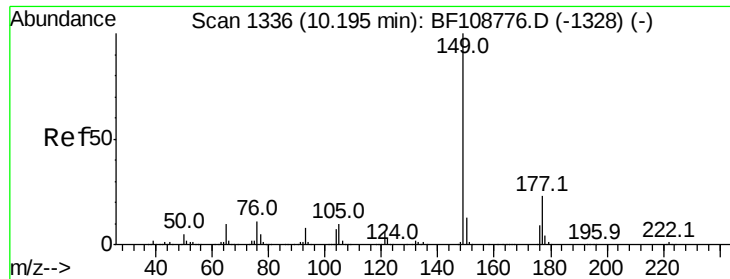
131 44.0 43.8 65.8

130 2.1 2.1 3.1

166 29.9 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





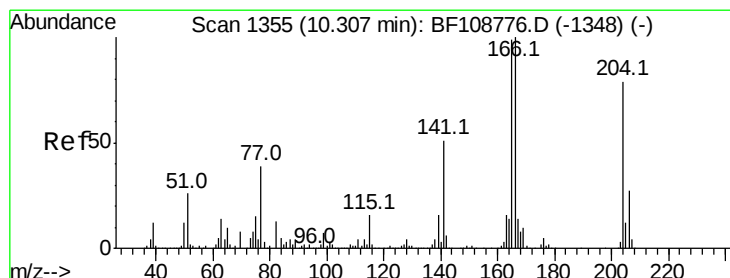
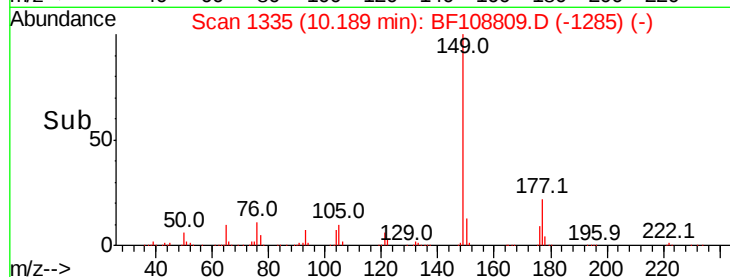
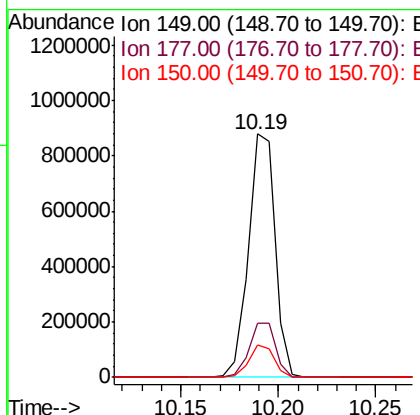
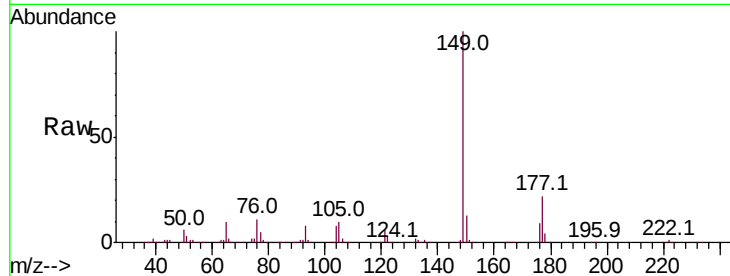
#59
Diethylphthalate
Concen: 39.188 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	149	Resp:	828811
Ion Ratio	Lower	Upper	
149	100		
177	22.2	16.1	24.1
150	13.1	10.1	15.1

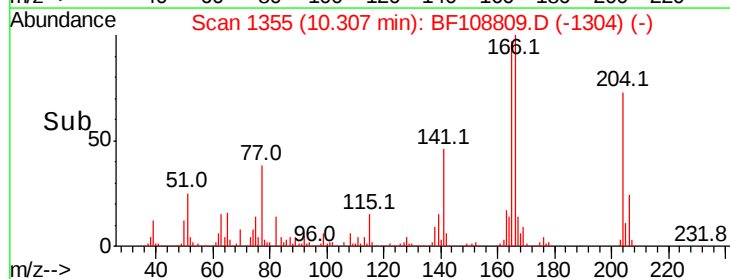
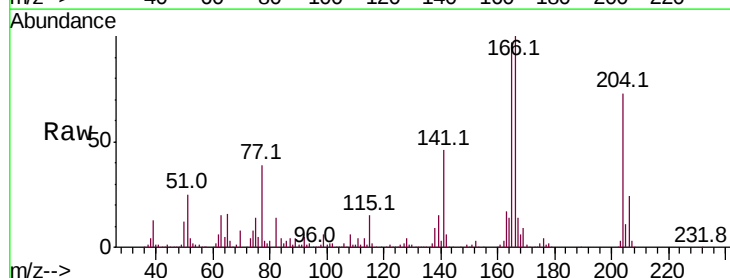
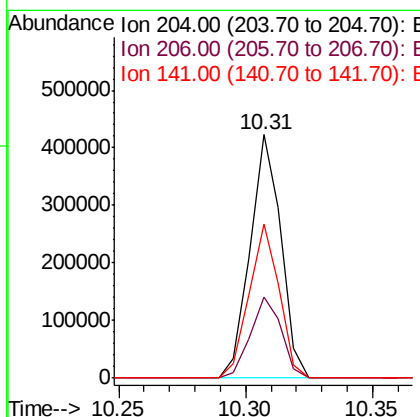
Manual Integrations
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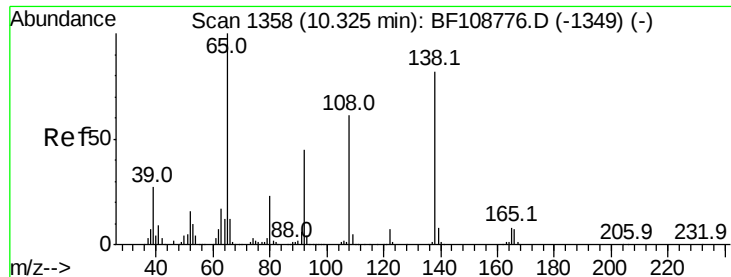
Sohil
9/6/2018 4:46:09 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.574 ng
RT: 10.31 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion:	204	Resp:	357928
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.5	39.7
141	63.3	54.6	81.8





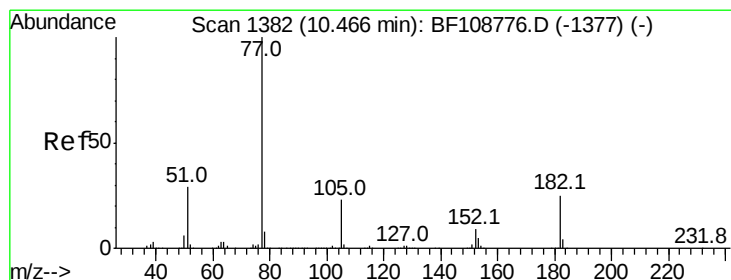
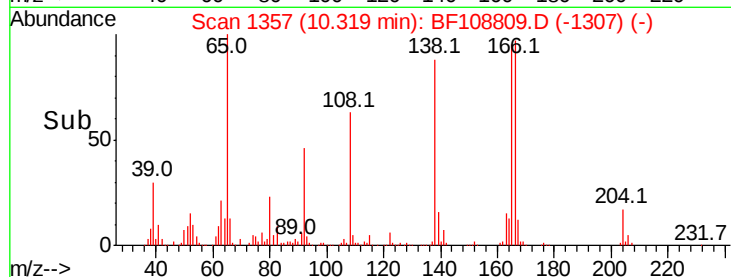
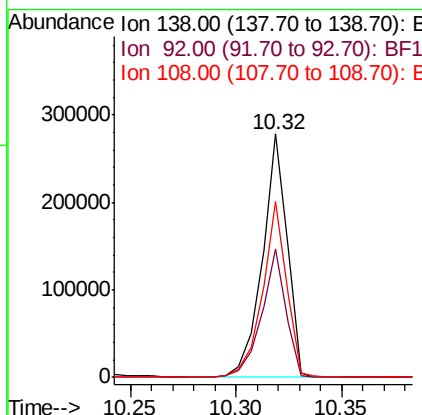
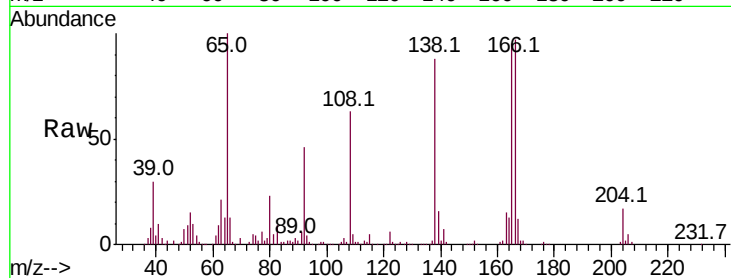
#61
4-Nitroaniline
Concen: 53.713 ng
RT: 10.32 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.7	30.2	70.2
108	72.3	52.5	92.5

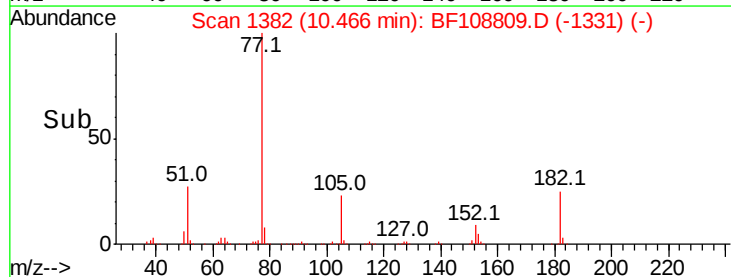
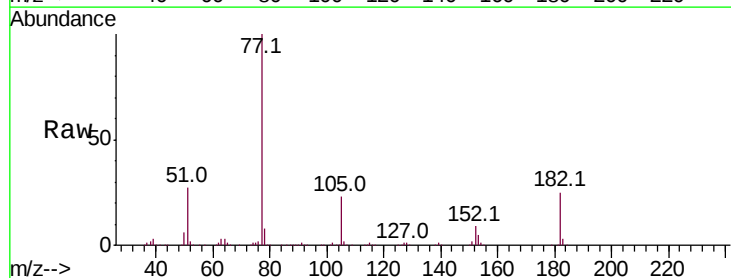
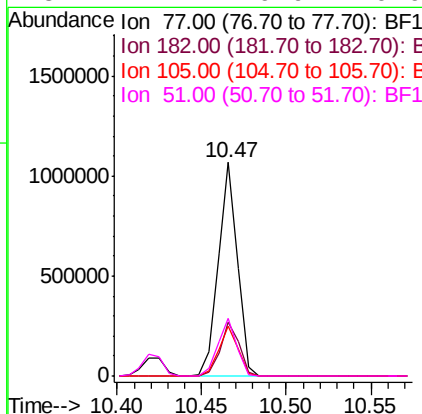
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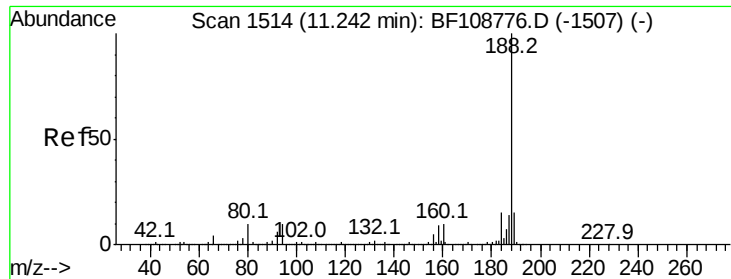
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#62
Azobenzene
Concen: 38.825 ng
RT: 10.47 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.7	41.7
105	23.1	3.0	43.0
51	27.1	9.9	49.9





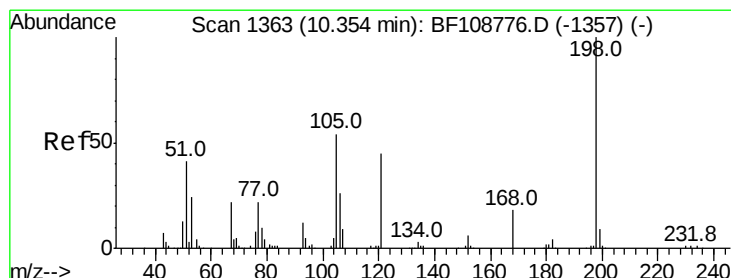
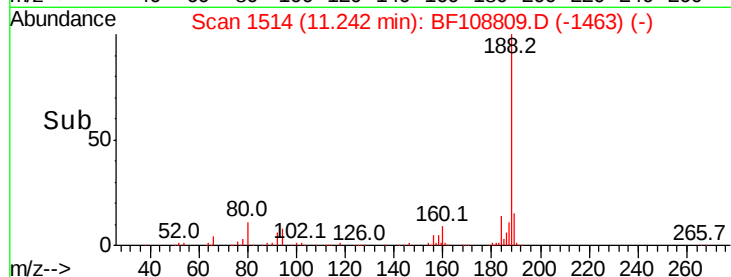
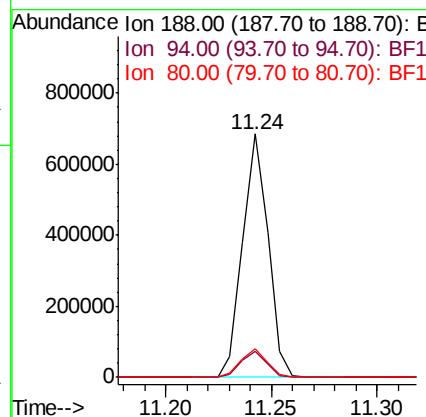
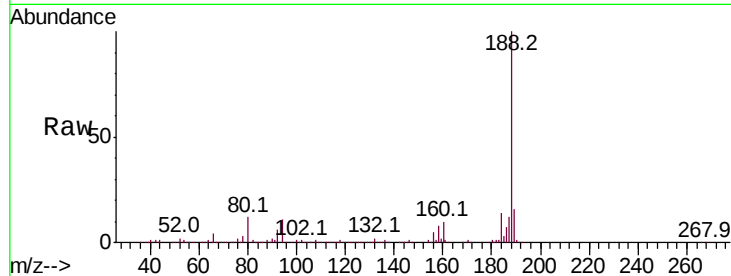
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	570289		
94	10.7		8.5	12.7
80	11.6		9.2	13.8

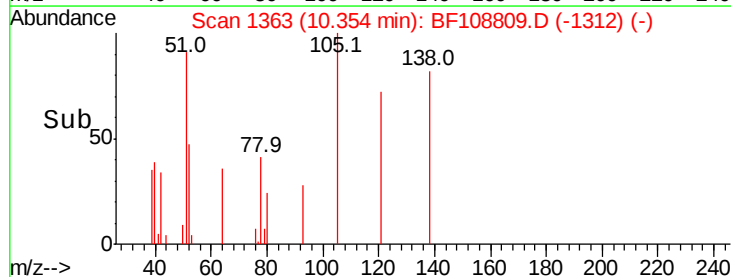
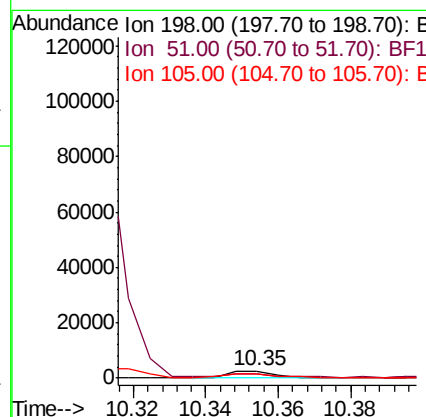
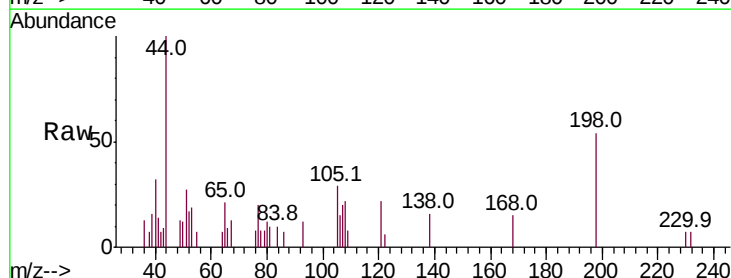
Manual Integrations
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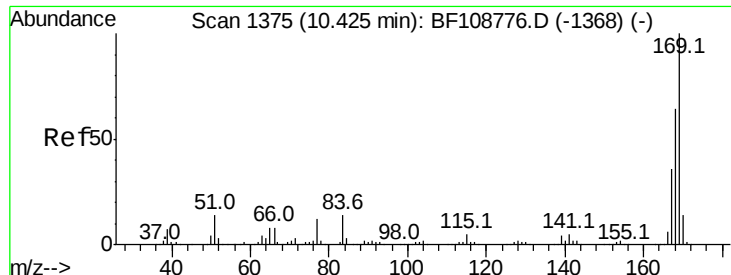
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 7.702 ng
RT: 10.35 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	2182		
51	49.6		37.7	77.7
105	53.4		36.3	76.3





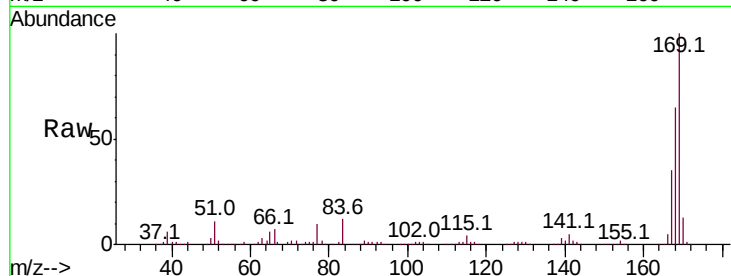
#65
n-Nitrosodiphenylamine
Concen: 38.101 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.7	54.4	81.6	
167	35.5	29.8	44.6	

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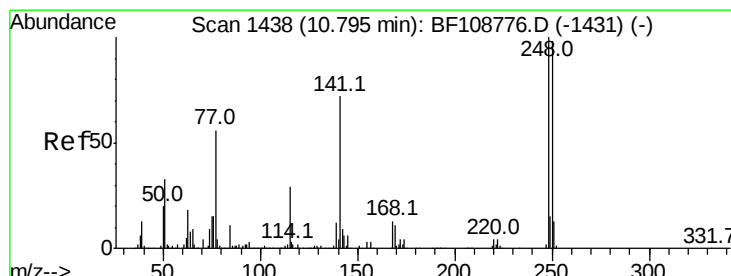
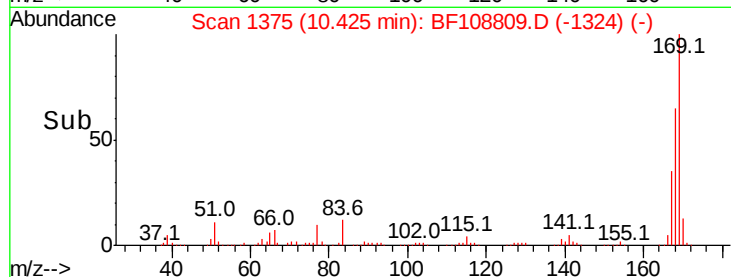
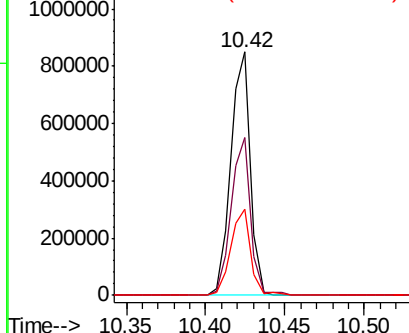


Abundance

Ion 169.00 (168.70 to 169.70): E

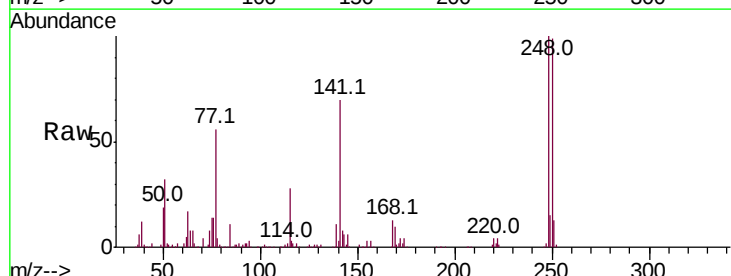
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 37.957 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.8	76.9	115.3	
141	70.2	74.4	111.6	

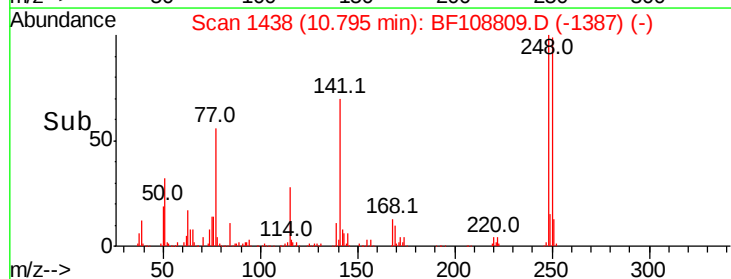
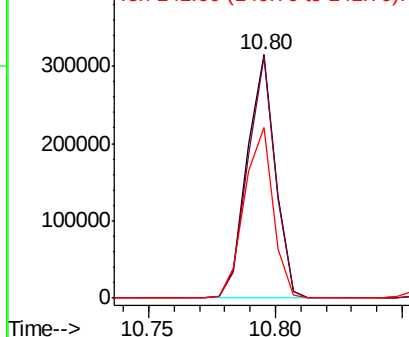


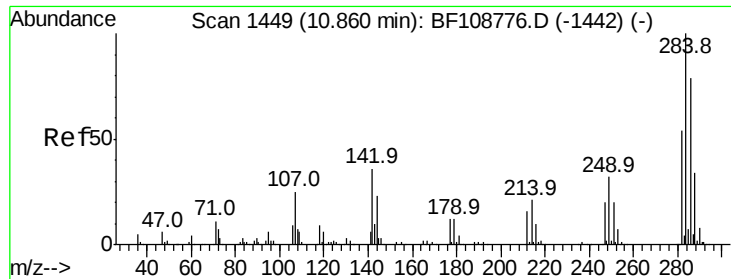
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





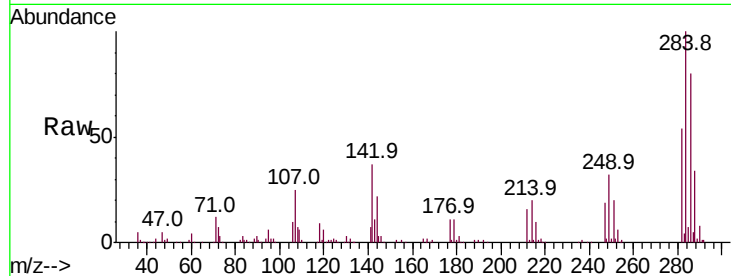
#67
Hexachlorobenzene
Concen: 38.602 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

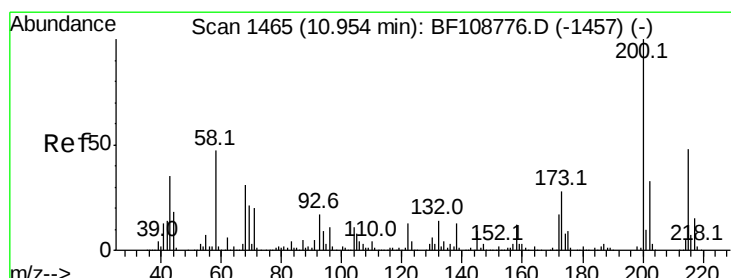
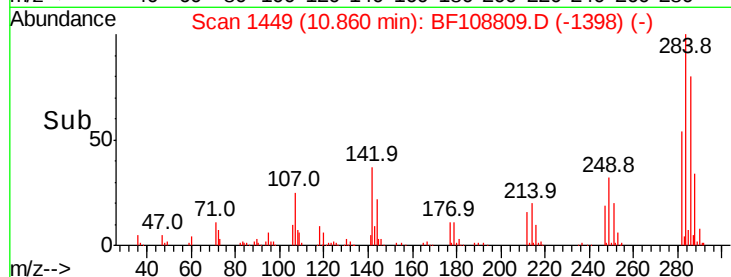
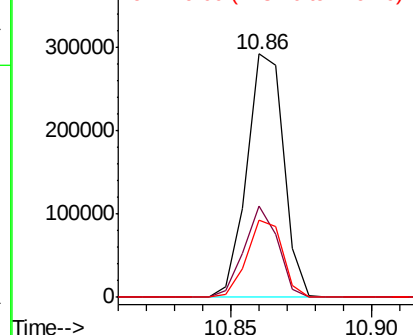
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.4	34.6	52.0	
249	31.9	24.8	37.2	

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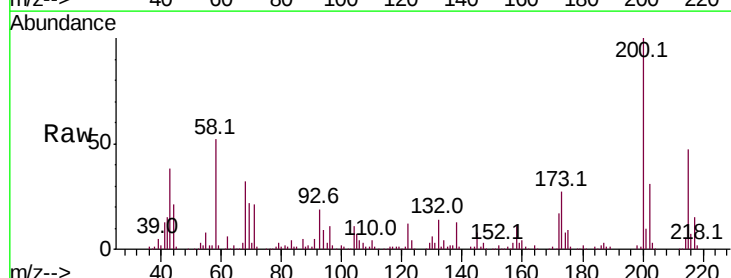


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

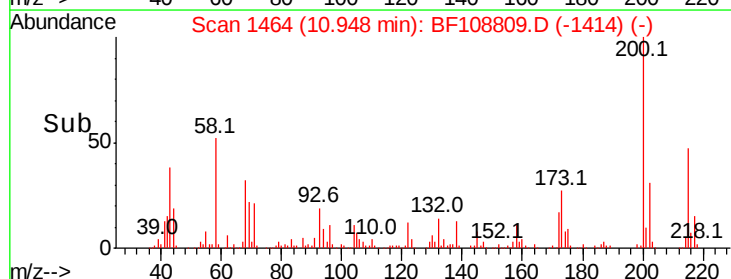
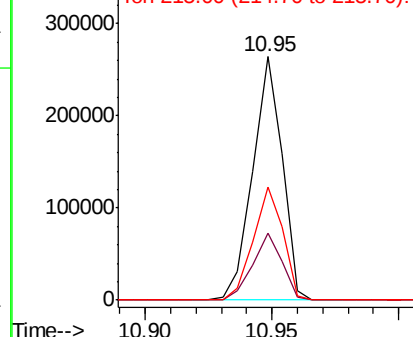


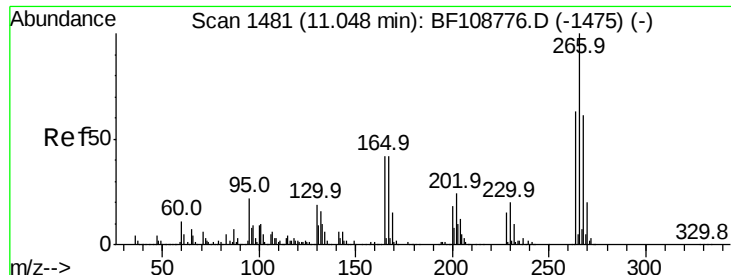
#68
Atrazine
Concen: 35.370 ng
RT: 10.95 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.4	8.6	48.6	
215	46.5	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





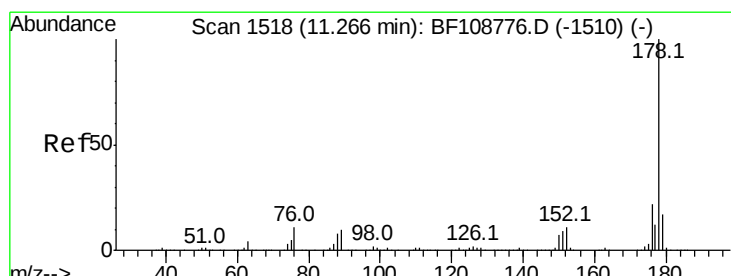
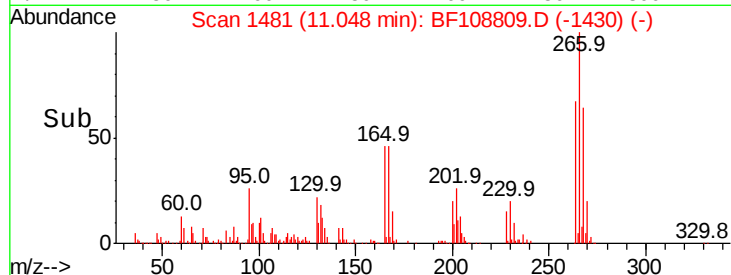
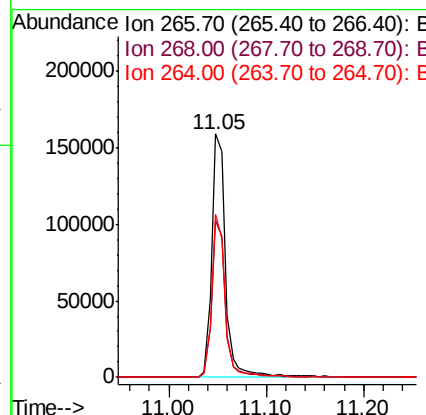
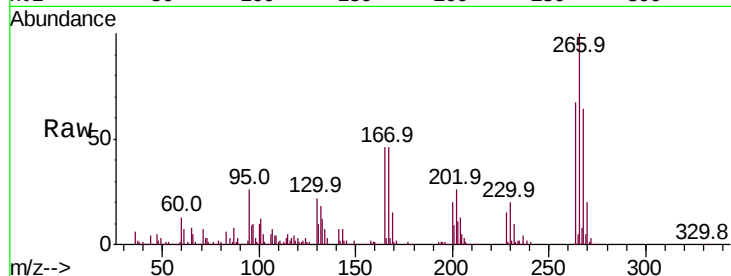
#69
 Pentachlorophenol
 Concen: 37.643 ng
 RT: 11.05 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF108809.D
 Acq: 6 Sep 2018 7:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	158243		
268	64.3	51.1	76.7	
264	67.1	49.5	74.3	

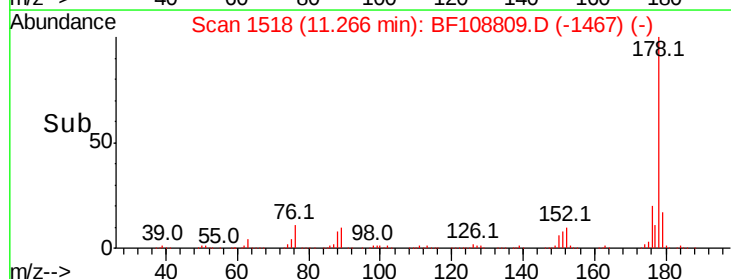
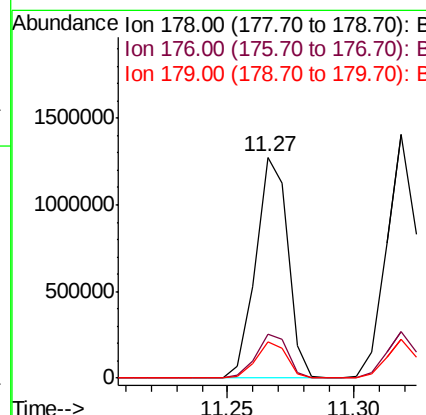
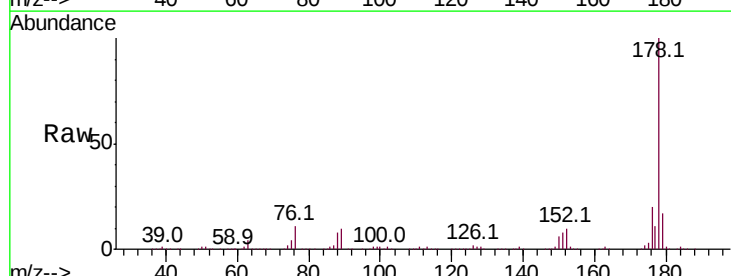
Manual Integrations
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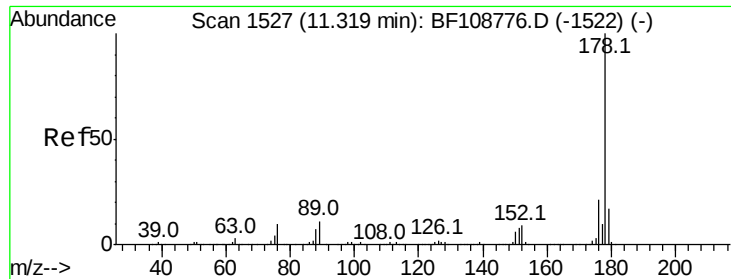
Sohil
 9/6/2018 4:46:09 PM



#70
 Phenanthrene
 Concen: 41.390 ng
 RT: 11.27 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BF108809.D
 Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1127199		
176	20.2	15.8	23.8	
179	16.6	13.0	19.6	





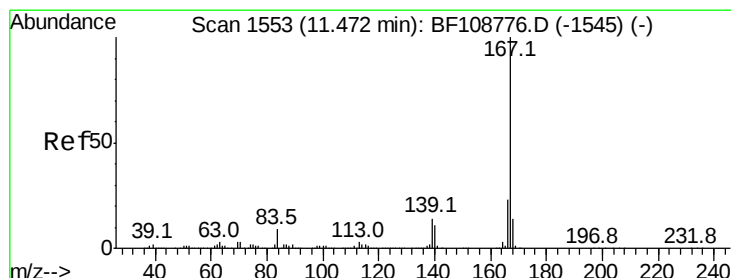
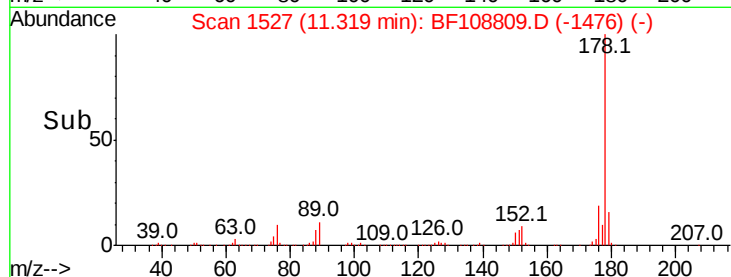
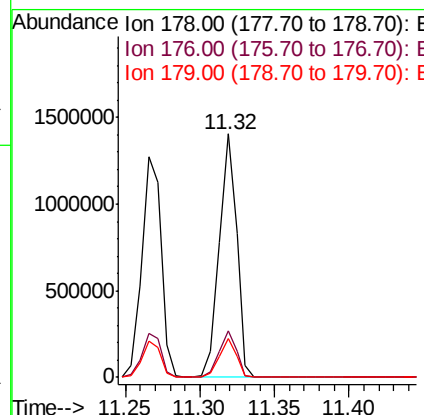
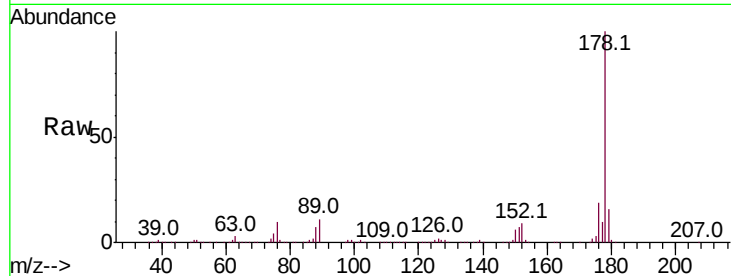
#71
 Anthracene
 Concen: 44.052 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF108809.D
 Acq: 6 Sep 2018 7:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1148663
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0

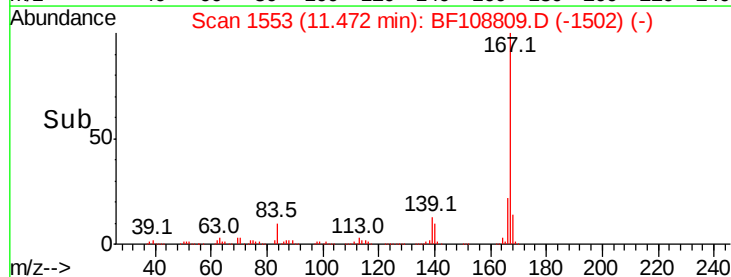
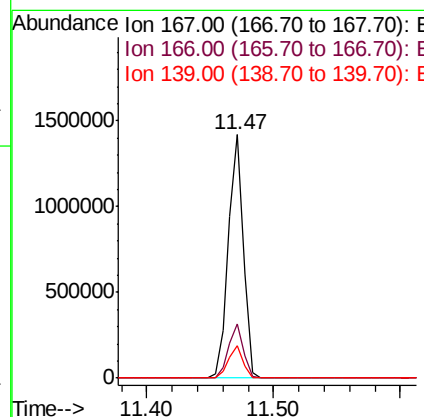
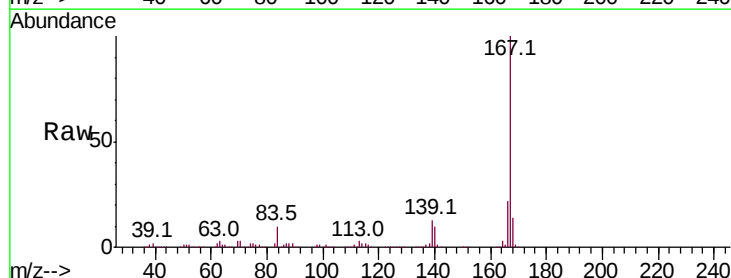
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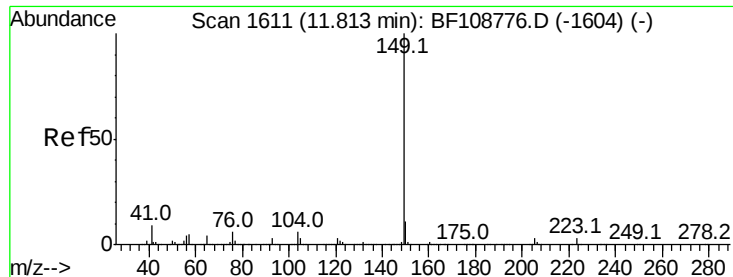
Sohil
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#72
 Carbazole
 Concen: 42.719 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF108809.D
 Acq: 6 Sep 2018 7:36

Tgt Ion:167 Resp: 1173075
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.973 ng

RT: 11.81 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1310437

Ion Ratio Lower Upper

149 100

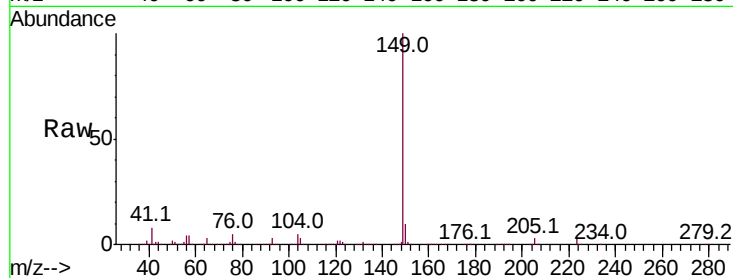
150 9.7 7.8 11.6

104 5.0 3.8 5.8

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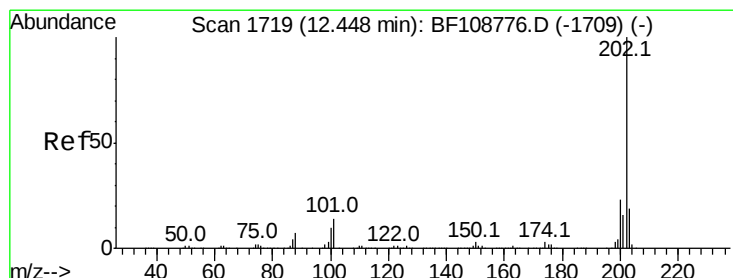
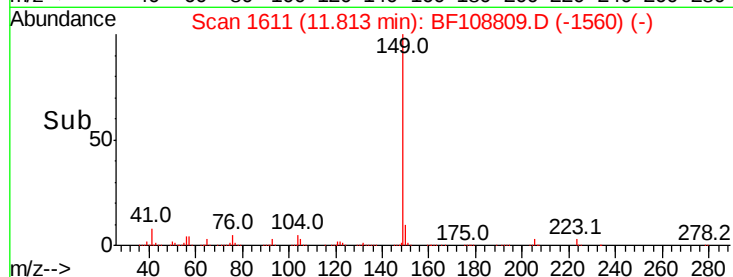
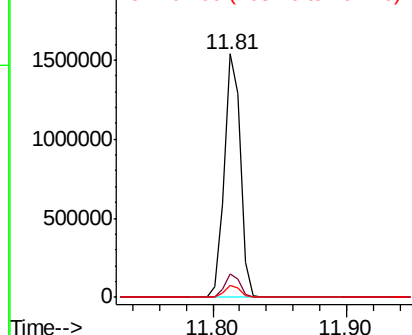


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.506 ng

RT: 12.45 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

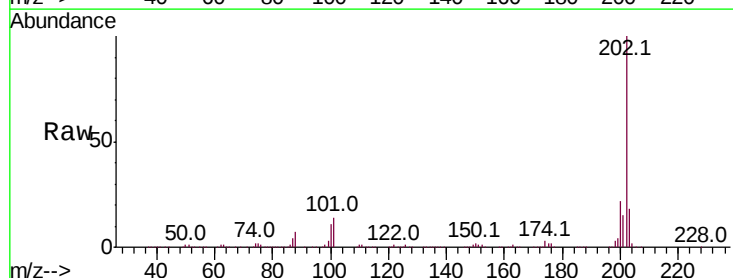
Tgt Ion:202 Resp: 1280959

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

203 18.3 0.0 38.1

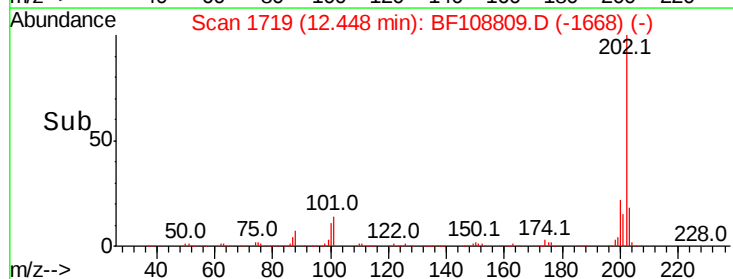
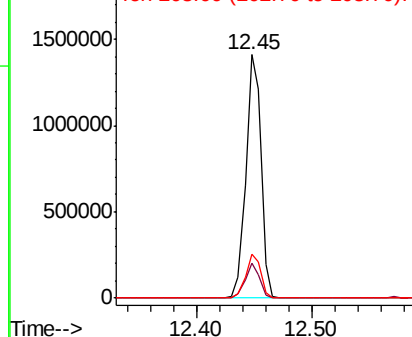


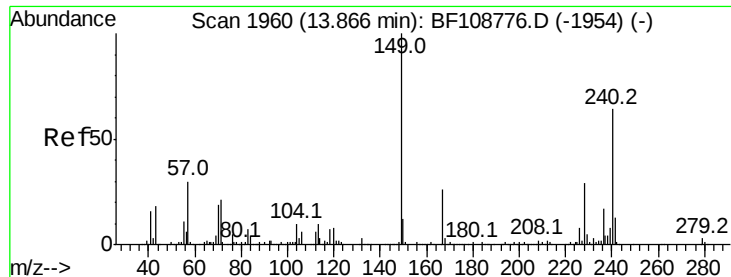
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

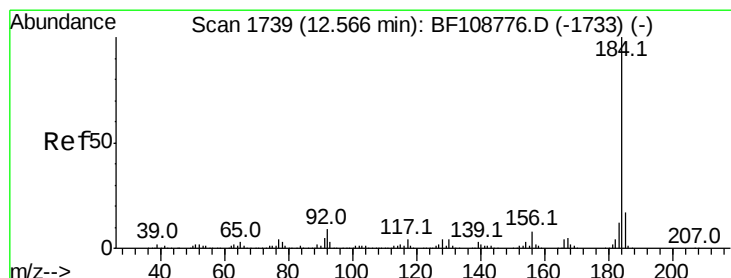
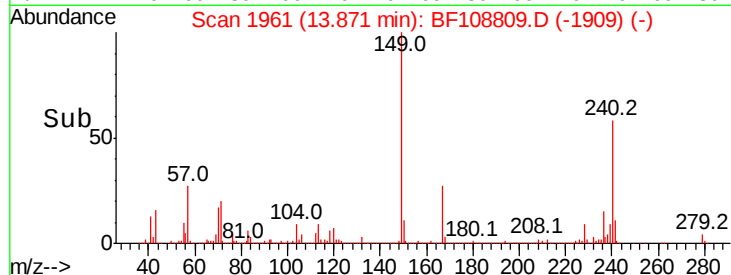
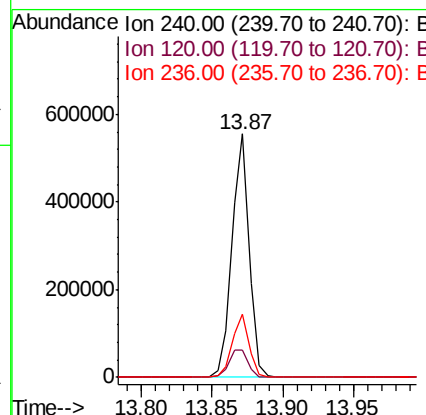
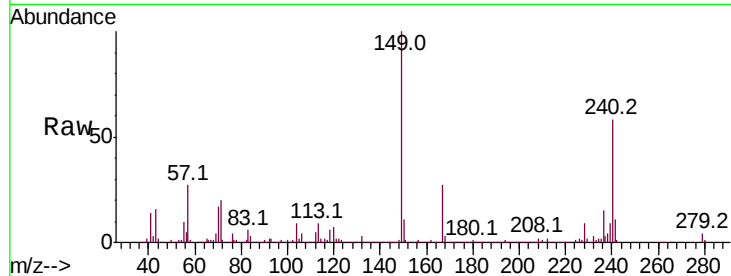
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	465465
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.5	14.3
236	26.1	20.7	31.1

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#76

Benzidine

Concen: 40.057 ng

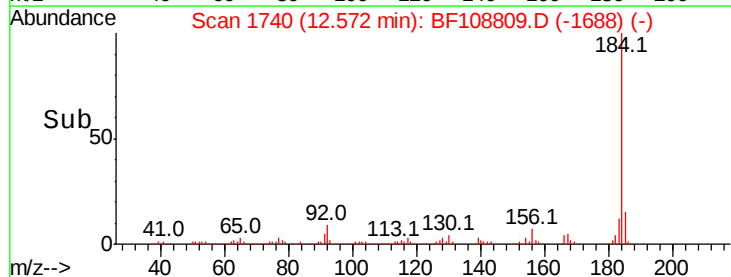
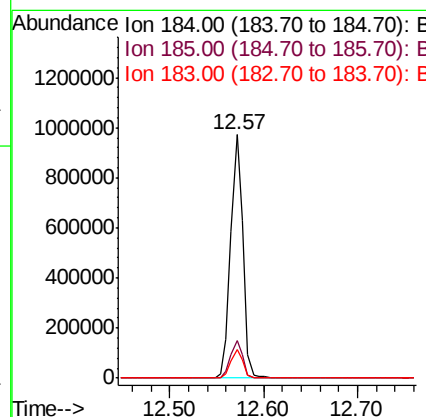
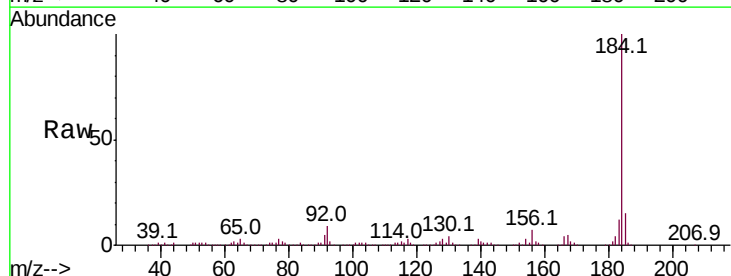
RT: 12.57 min Scan# 1740

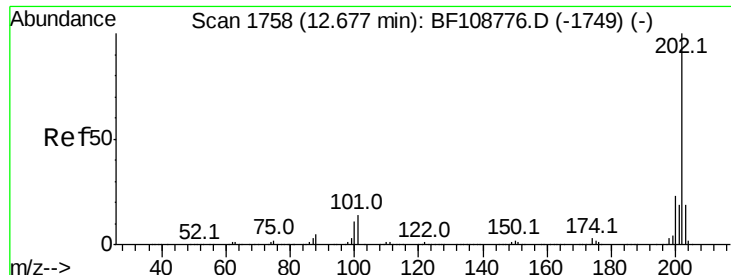
Delta R.T. 0.01 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Tgt Ion:	184	Resp:	883712
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	18.8
183	11.8	9.3	13.9





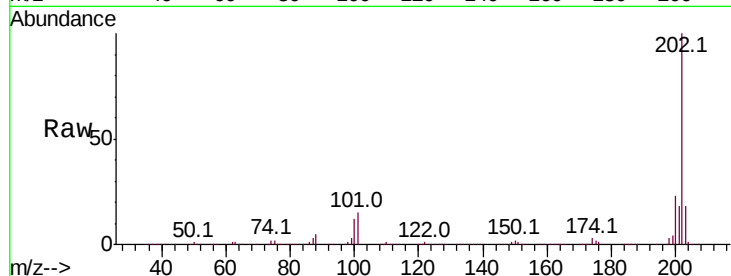
#77
Pvrene
Concen: 37.607 ng
RT: 12.68 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.3	14.3	21.5

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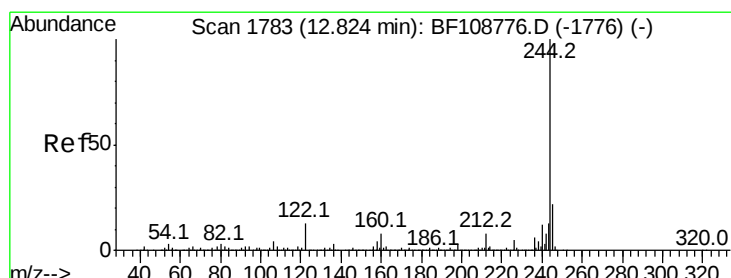
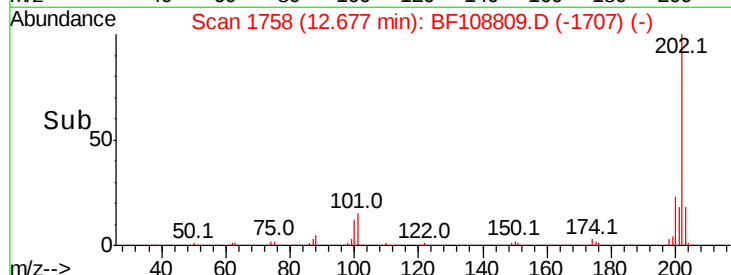
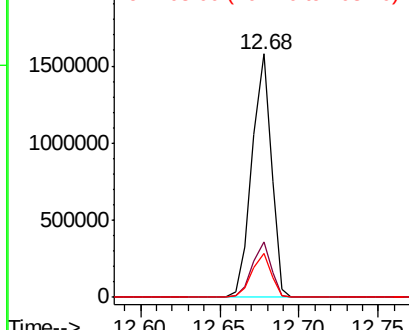


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 75.356 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

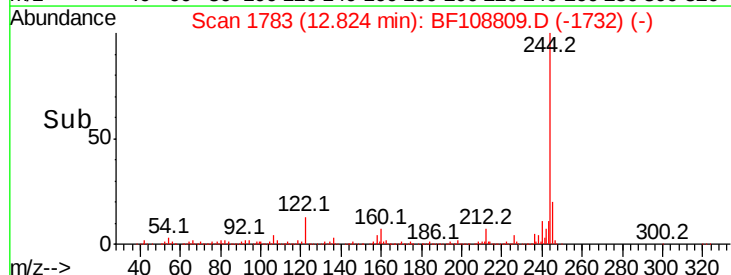
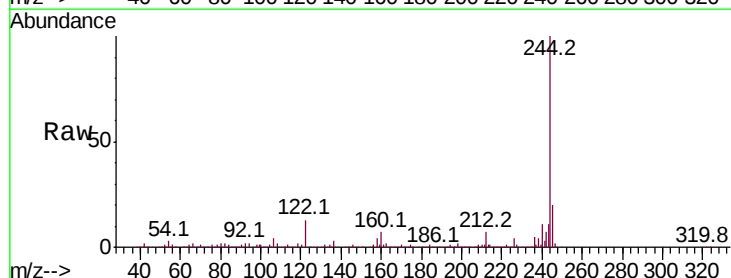
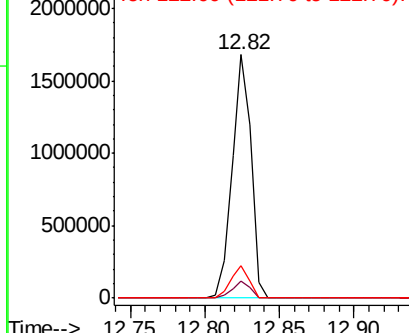
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.1	11.0	16.4

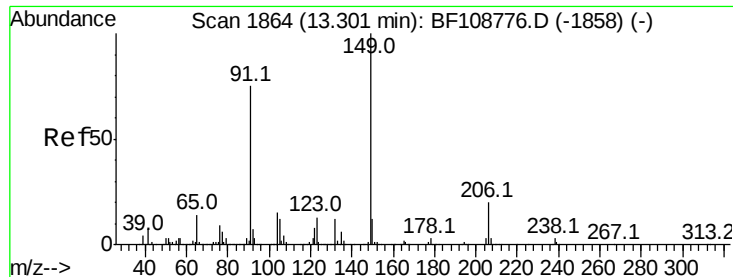
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





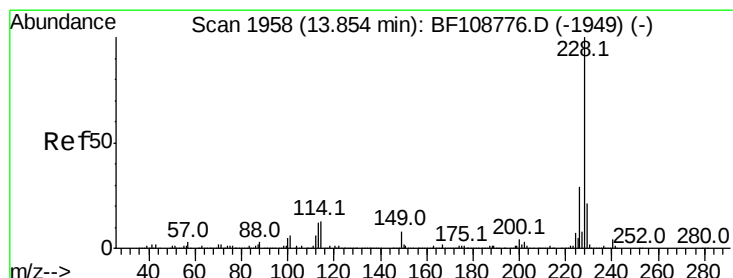
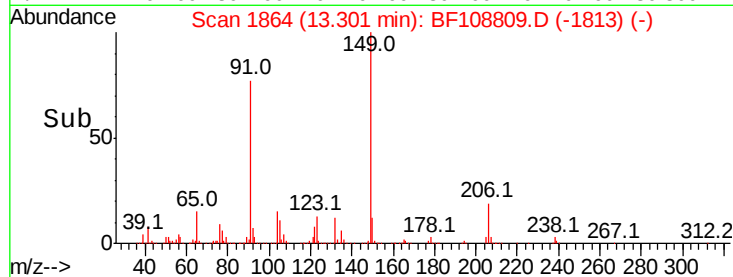
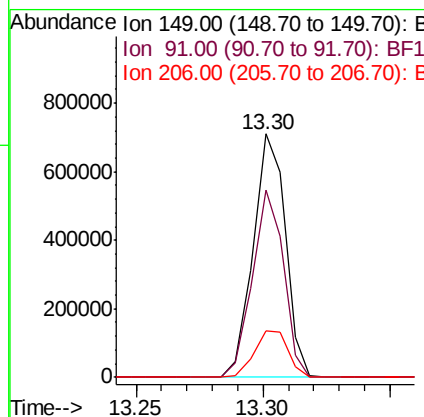
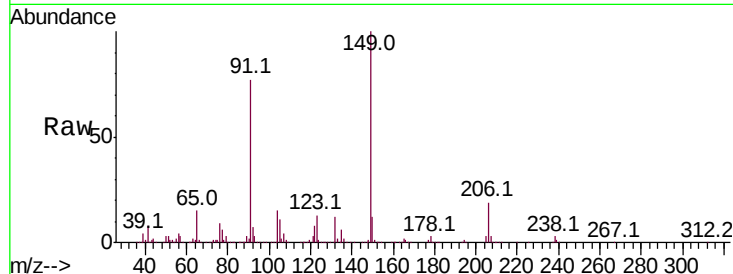
#79
Butylbenzylphthalate
Concen: 39.267 ng
RT: 13.30 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.9	56.8	85.2
206	19.2	14.1	21.1

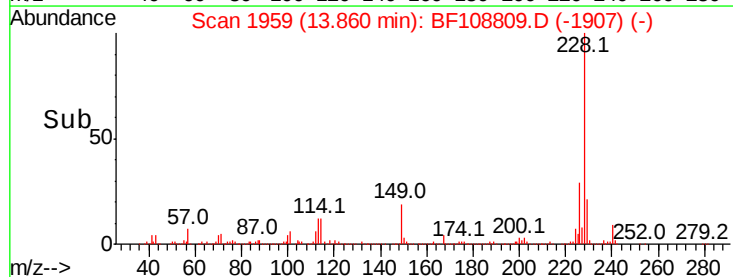
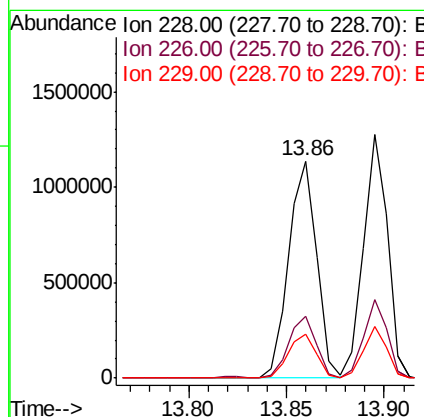
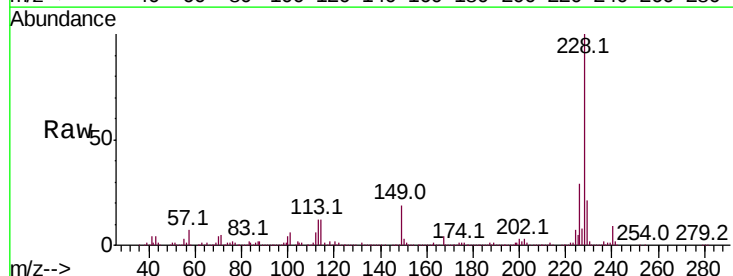
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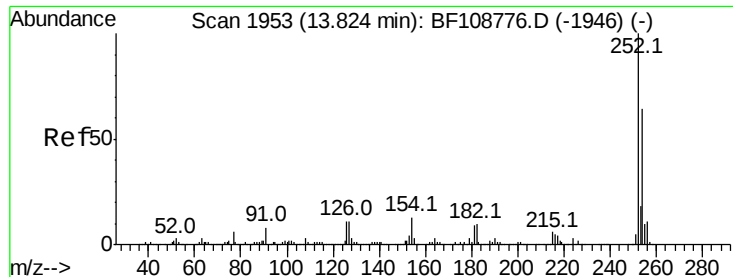
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#80
Benzo(a)anthracene
Concen: 37.879 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.5	15.8	23.6





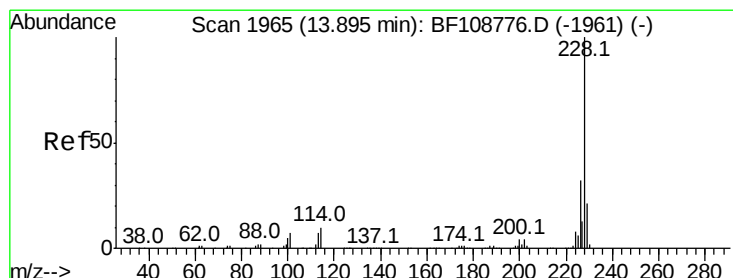
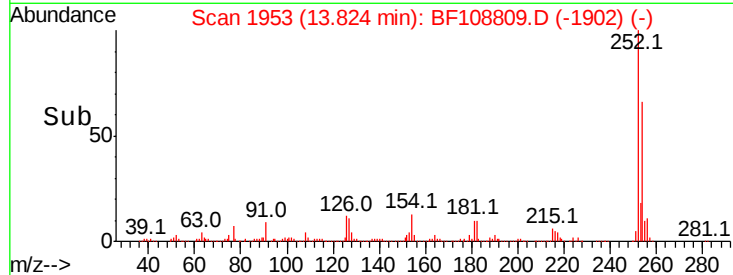
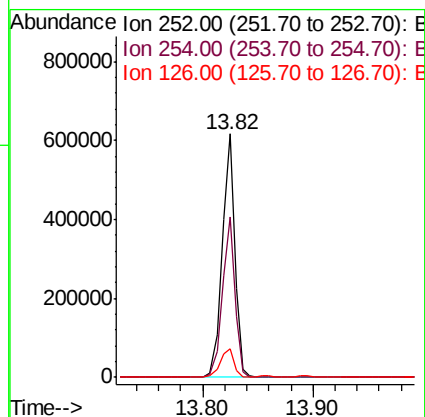
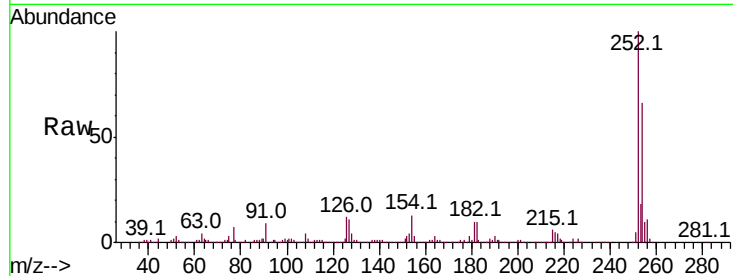
#81
 3,3'-Dichlorobenzidine
 Concen: 42.403 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BF108809.D
 Acq: 6 Sep 2018 7:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.4	75.6
126	11.6	11.3	16.9

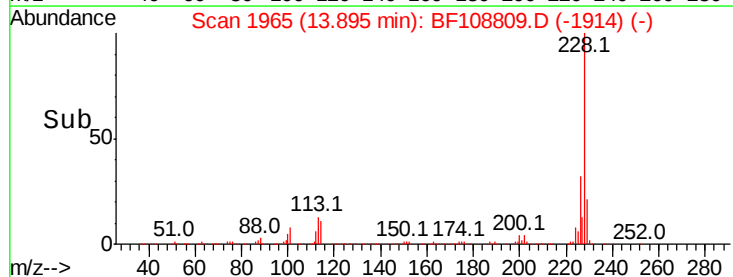
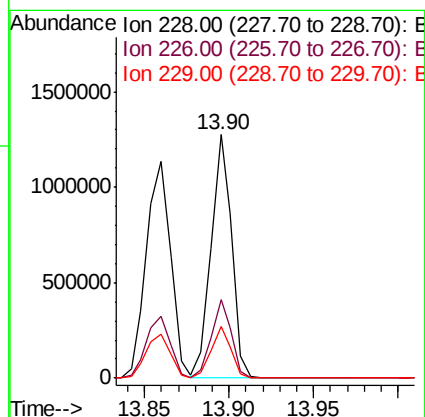
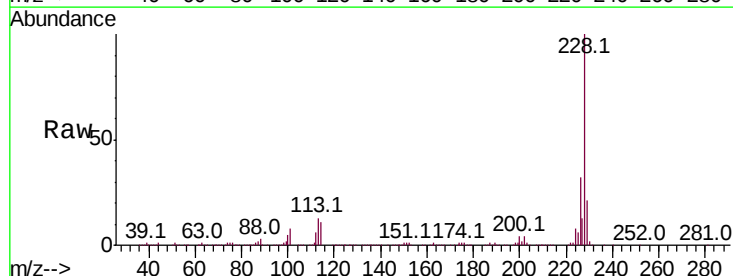
Manual Integrations
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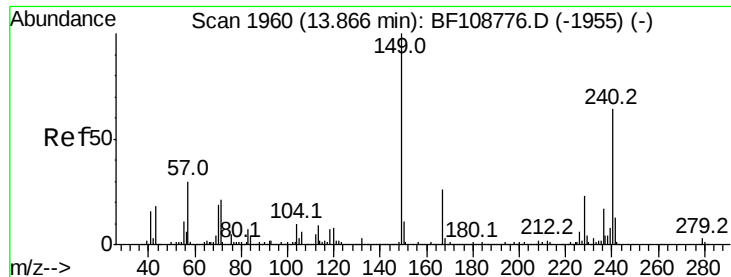
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#82
 Chrysene
 Concen: 37.631 ng
 RT: 13.90 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BF108809.D
 Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	21.1	16.2	24.4





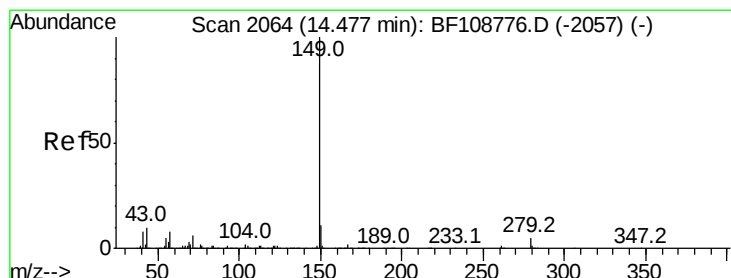
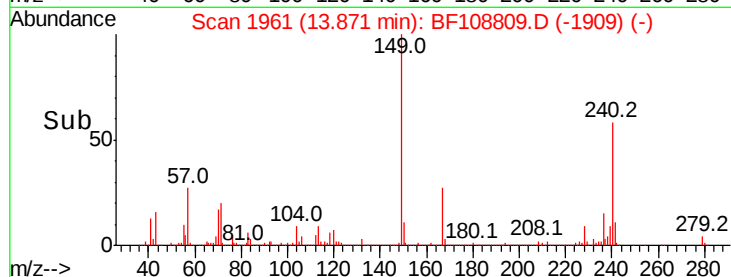
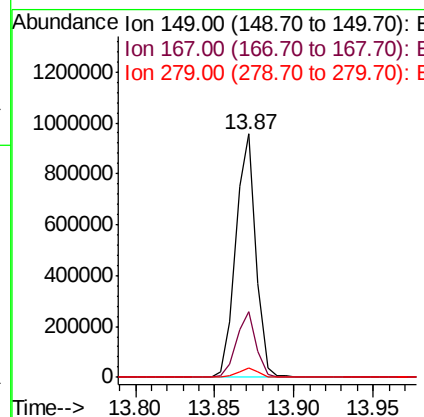
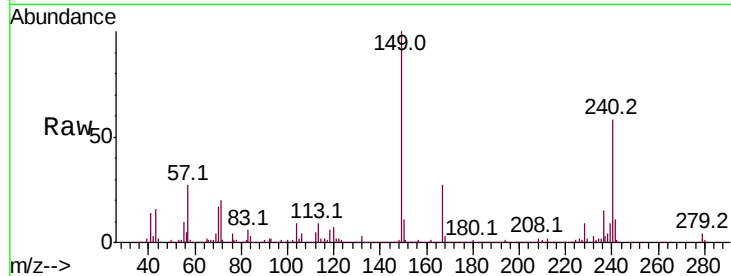
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.267 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108809.D
 Acq: 6 Sep 2018 7:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	4.0	3.0	4.4

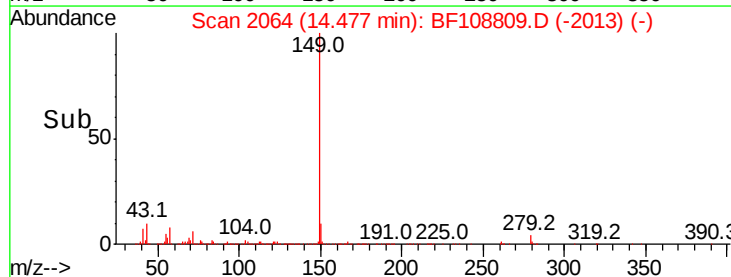
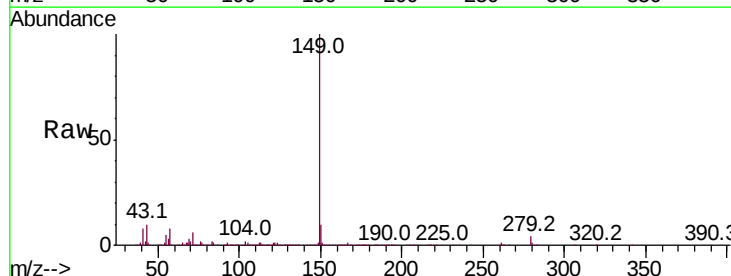
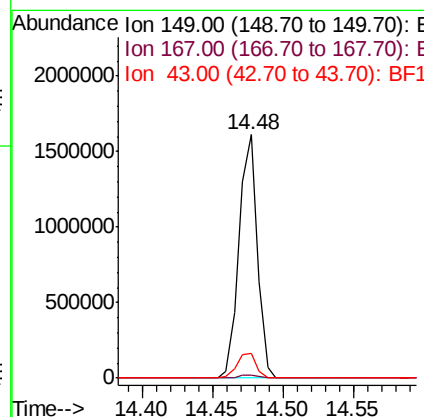
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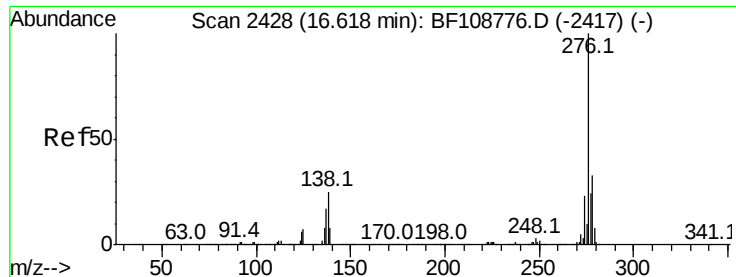
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 43.015 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: BF108809.D
 Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.5	8.4	12.6





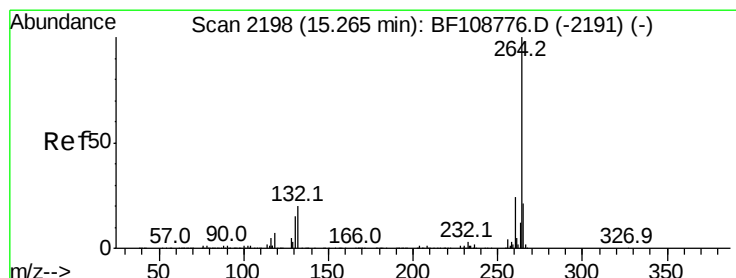
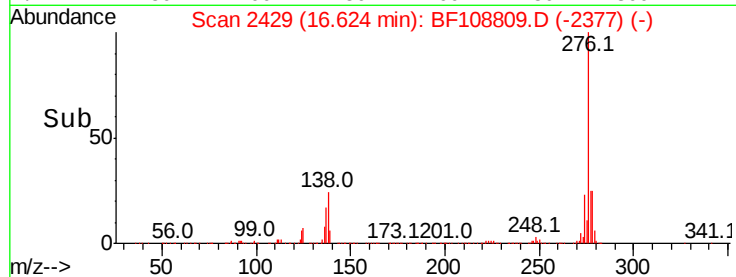
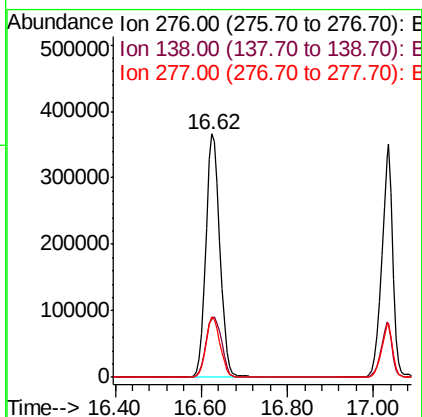
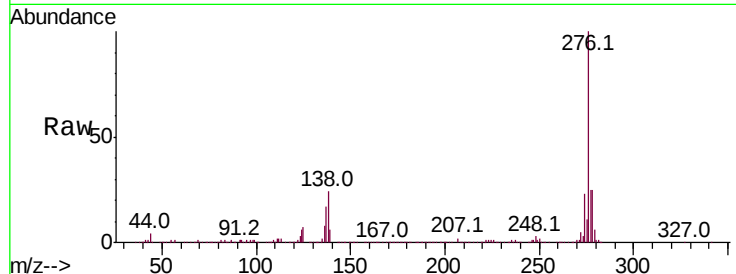
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.190 ng
RT: 16.62 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	25.0	20.1	30.1

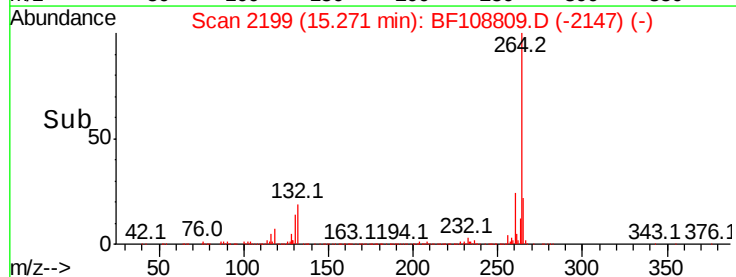
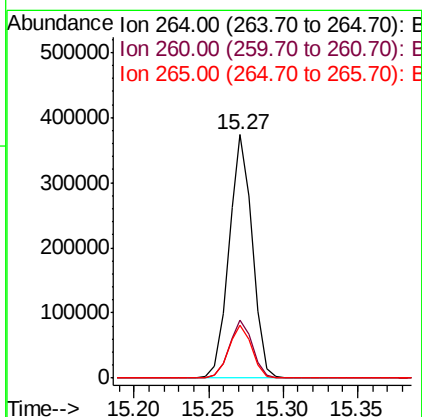
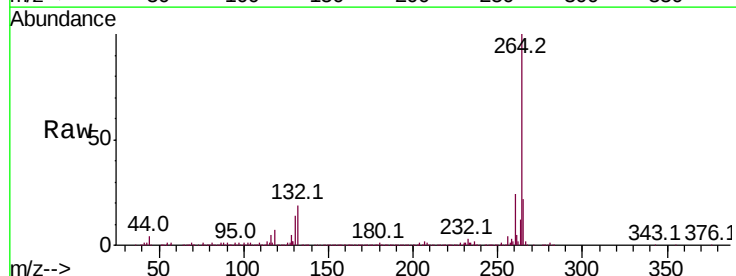
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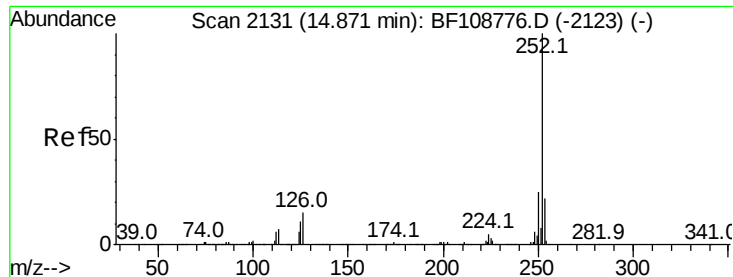
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 40.346 ng

RT: 14.88 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Instrument :

BNA_F

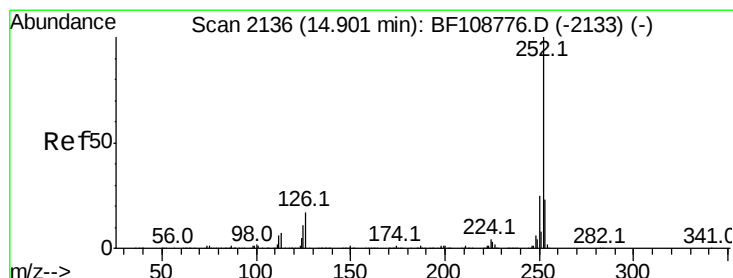
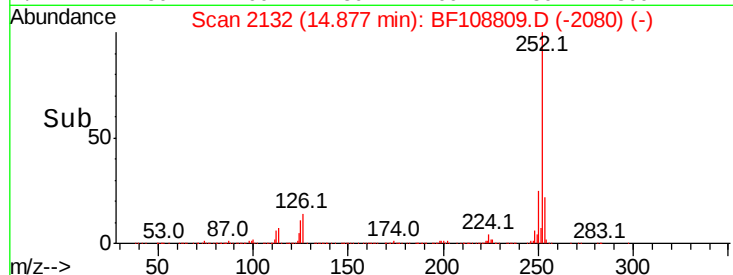
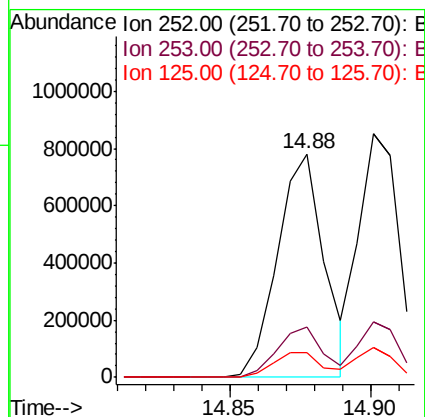
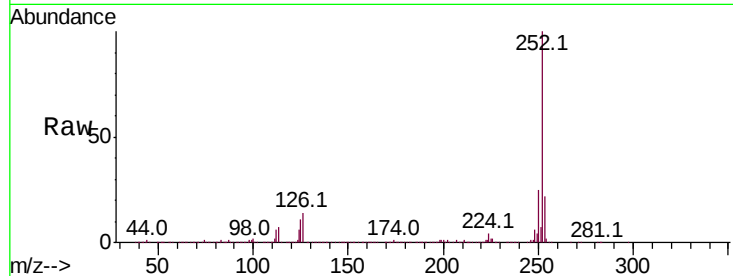
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	895589
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	11.0	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 40.730 ng

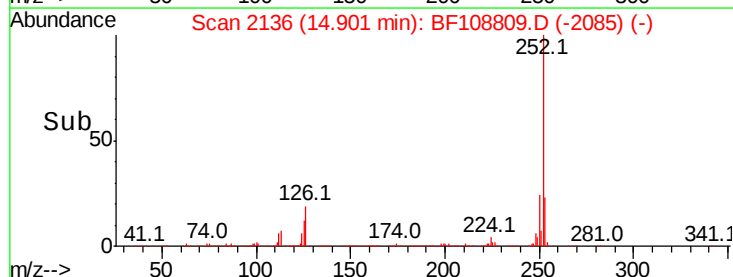
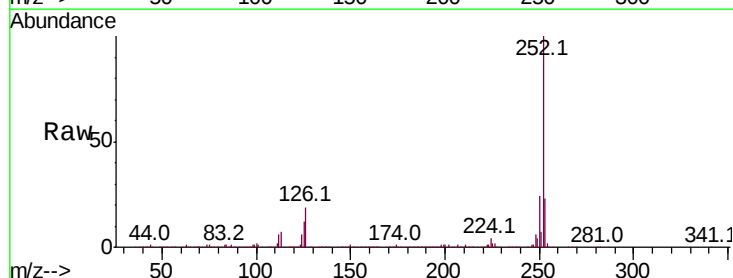
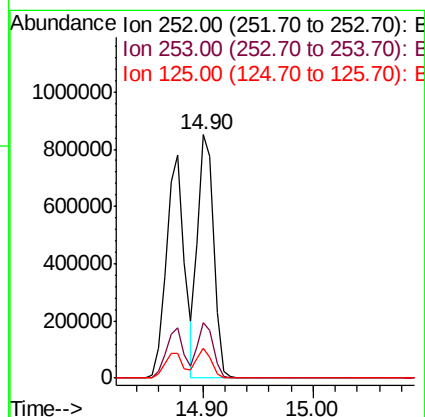
RT: 14.90 min Scan# 2136

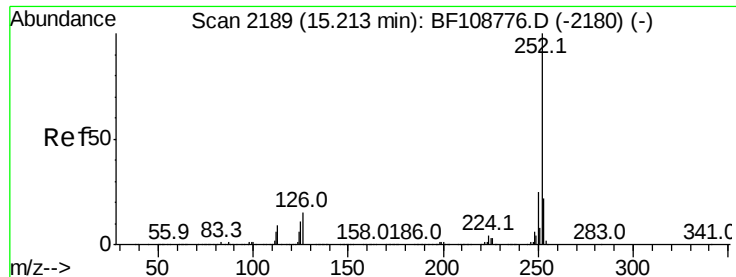
Delta R.T. 0.00 min

Lab File: BF108809.D

Acq: 6 Sep 2018 7:36

Tgt Ion:	252	Resp:	832608
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.9	26.9
125	12.1	10.2	15.2





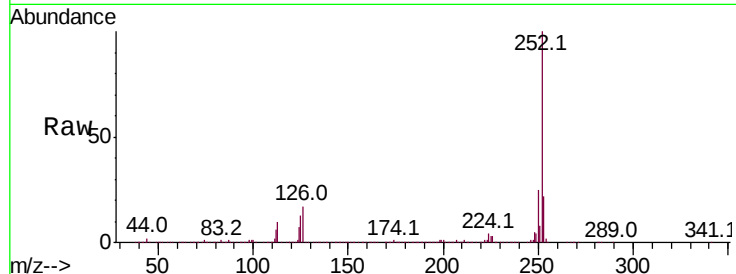
#89
Benzo(a)pyrene
Concen: 39.048 ng
RT: 15.21 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	13.3	9.8	14.6

Manual Integrations
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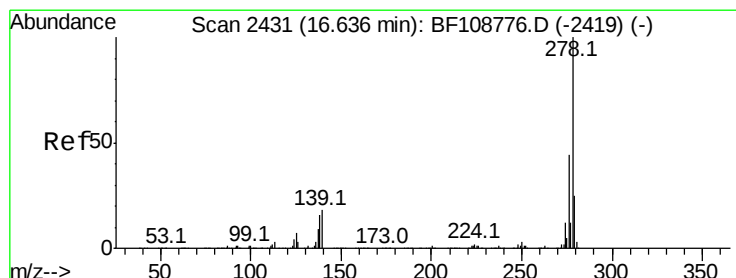
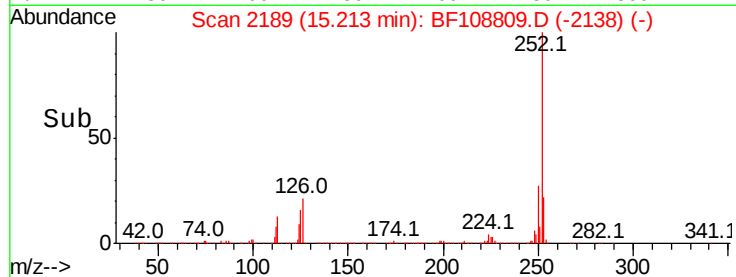
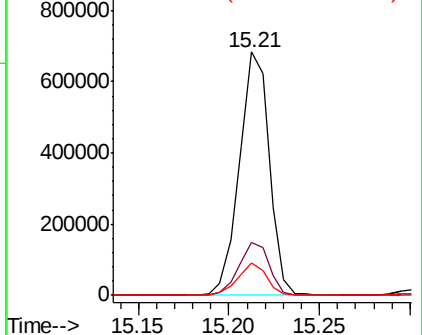


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 39.112 ng
RT: 16.64 min Scan# 2432
Delta R.T. 0.01 min
Lab File: BF108809.D
Acq: 6 Sep 2018 7:36

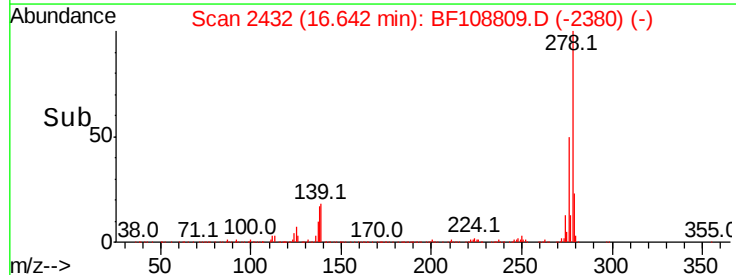
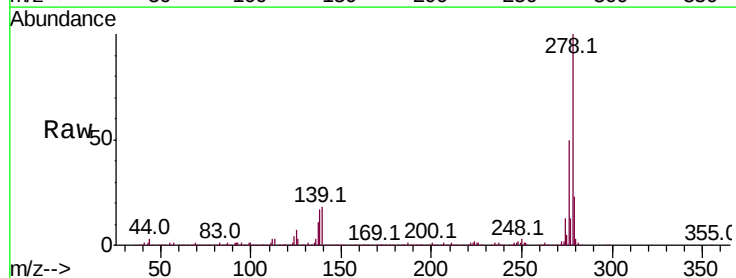
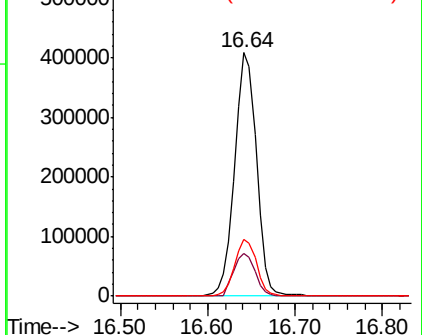
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.9	23.9
279	23.5	19.0	28.4

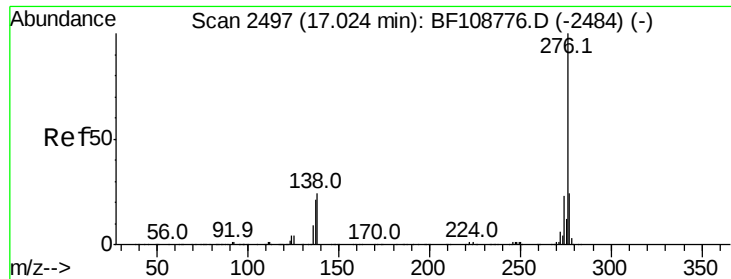
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.753 ng
 RT: 17.04 min Scan# 2499
 Delta R.T. 0.01 min
 Lab File: BF108809.D
 Acq: 6 Sep 2018 7:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	22.5	21.8	32.8

Manual Integrations
 APPROVED

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