

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108887.D
 Acq On : 10 Sep 2018 12:37
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 9/11/2018 9:25:47 AM

Quant Time: Sep 11 02:15:00 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	199029	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	790496	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	374705	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	740081	20.00	ng	0.00
75) Chrysene-d12	13.87	240	503208	20.00	ng	0.00
86) Perylene-d12	15.27	264	447747	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	952497	79.28	ng	0.00
7) Phenol-d6	6.37	99	1222914	79.11	ng	0.00
23) Nitrobenzene-d5	7.30	82	1075083	85.11	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	304309	85.07	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1900638	86.53	ng	0.00
78) Terphenyl-d14	12.82	244	1644373	76.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	236380	40.941	ng	93
3) Pyridine	3.12	79	649392	41.070	ng	90
4) n-Nitrosodimethylamine	3.05	42	236295	38.908	ng	# 92
6) Aniline	6.40	93	810538	38.986	ng	98
8) 2-Chlorophenol	6.52	128	526860	39.620	ng	99
9) Benzaldehyde	6.28	77	423659	38.633	ng	98
10) Phenol	6.38	94	691418	39.053	ng	91
11) bis(2-Chloroethyl)ether	6.47	93	545656	38.473	ng	98
12) 1,3-Dichlorobenzene	6.68	146	604831	39.858	ng	98
13) 1,4-Dichlorobenzene	6.75	146	607887	40.058	ng	99
14) 1,2-Dichlorobenzene	6.91	146	568695	40.657	ng	100
15) Benzyl Alcohol	6.88	79	474761	40.021	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	808892	38.154	ng	97
17) 2-Methylphenol	7.00	107	430700	38.326	ng	98
18) Hexachloroethane	7.25	117	218847	39.995	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	396058	36.861	ng	99
20) 3+4-Methylphenols	7.15	107	511592	38.862	ng	# 59
22) Acetophenone	7.15	105	682715	38.055	ng	# 91
24) Nitrobenzene	7.32	77	564926	41.682	ng	99
25) Isophorone	7.56	82	934912	37.106	ng	98
26) 2-Nitrophenol	7.64	139	216755	40.594	ng	94
27) 2,4-Dimethylphenol	7.68	122	423252	39.034	ng	96
28) bis(2-Chloroethoxy)methane	7.77	93	649939	38.582	ng	99
29) 2,4-Dichlorophenol	7.88	162	445052	39.806	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	477666	39.422	ng	98
31) Naphthalene	8.04	128	1437490	40.419	ng	99
32) Benzoic acid	7.79	122	235616m	35.493	ng	
33) 4-Chloroaniline	8.09	127	652683	39.959	ng	97
34) Hexachlorobutadiene	8.17	225	291829	40.316	ng	99
35) Caprolactam	8.46	113	146869	38.766	ng	# 79
36) 4-Chloro-3-methylphenol	8.57	107	462613	38.841	ng	97
37) 2-Methylnaphthalene	8.73	142	931355	39.640	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	465019	41.516	ng	98
40) Hexachlorocyclopentadiene	8.89	237	223617	39.684	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	301687	39.543	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	327119	41.364	nq	98
45) 1,1'-Biphenyl	9.20	154	1178393	40.849	nq	99
46) 2-Chloronaphthalene	9.22	162	953170	40.856	nq	98
47) 2-Nitroaniline	9.31	65	281471	44.163	nq	96
48) Acenaphthylene	9.63	152	1422788	40.914	nq	98
49) Dimethylphthalate	9.50	163	1049641	40.050	nq	99
50) 2,6-Dinitrotoluene	9.55	165	224541	44.963	nq	96
51) Acenaphthene	9.80	154	874221	40.624	nq	99
52) 3-Nitroaniline	9.72	138	276193	46.461	nq	98
53) 2,4-Dinitrophenol	9.82	184	63157	39.725	nq #	21
54) Dibenzofuran	9.97	168	1271275	40.527	nq	97
55) 4-Nitrophenol	9.87	139	188978	42.523	nq	94
56) 2,4-Dinitrotoluene	9.95	165	291852	45.698	nq #	94
57) Fluorene	10.31	166	873293	43.382	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	270404	42.400	nq #	86
59) Diethylphthalate	10.20	149	1046683	38.700	nq	96
60) 4-Chlorophenyl-phenylether	10.31	204	467500	43.484	nq	96
61) 4-Nitroaniline	10.32	138	260794	48.427	nq	98
62) Azobenzene	10.47	77	1096608	39.280	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	108408	38.787	nq	86
65) n-Nitrosodiphenylamine	10.42	169	929156	37.761	nq	96
66) 4-Bromophenyl-phenylether	10.80	248	323263	38.673	nq #	89
67) Hexachlorobenzene	10.87	284	342924	38.431	nq #	89
68) Atrazine	10.95	200	305485	38.781	nq	99
69) Pentachlorophenol	11.05	266	212236	38.904	nq	99
70) Phenanthrene	11.27	178	1379007	39.019	nq	98
71) Anthracene	11.32	178	1413040	41.759	nq	100
72) Carbazole	11.47	167	1418178	39.796	nq	99
73) Di-n-butylphthalate	11.81	149	1598992	40.405	nq	99
74) Fluoranthene	12.45	202	1452506	41.509	nq	97
76) Benzidine	12.57	184	839417	35.196	nq	99
77) Pyrene	12.68	202	1516868	39.174	nq	99
79) Butylbenzylphthalate	13.30	149	659874	37.843	nq	95
80) Benzo(a)anthracene	13.86	228	1181330	36.626	nq	98
81) 3,3'-Dichlorobenzidine	13.82	252	475926	37.873	nq	98
82) Chrysene	13.90	228	1193402	38.220	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	780274	35.607	nq	99
84) Di-n-octyl phthalate	14.48	149	1310531	35.872	nq	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	942431	34.105	nq	95
87) Benzo(b)fluoranthene	14.88	252	965745	39.667	nq	98
88) Benzo(k)fluoranthene	14.91	252	965098	43.045	nq	97
89) Benzo(a)pyrene	15.22	252	866537	39.445	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	781518	40.373	nq	97
91) Benzo(g,h,i)perylene	17.04	276	798192	41.183	nq	93

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

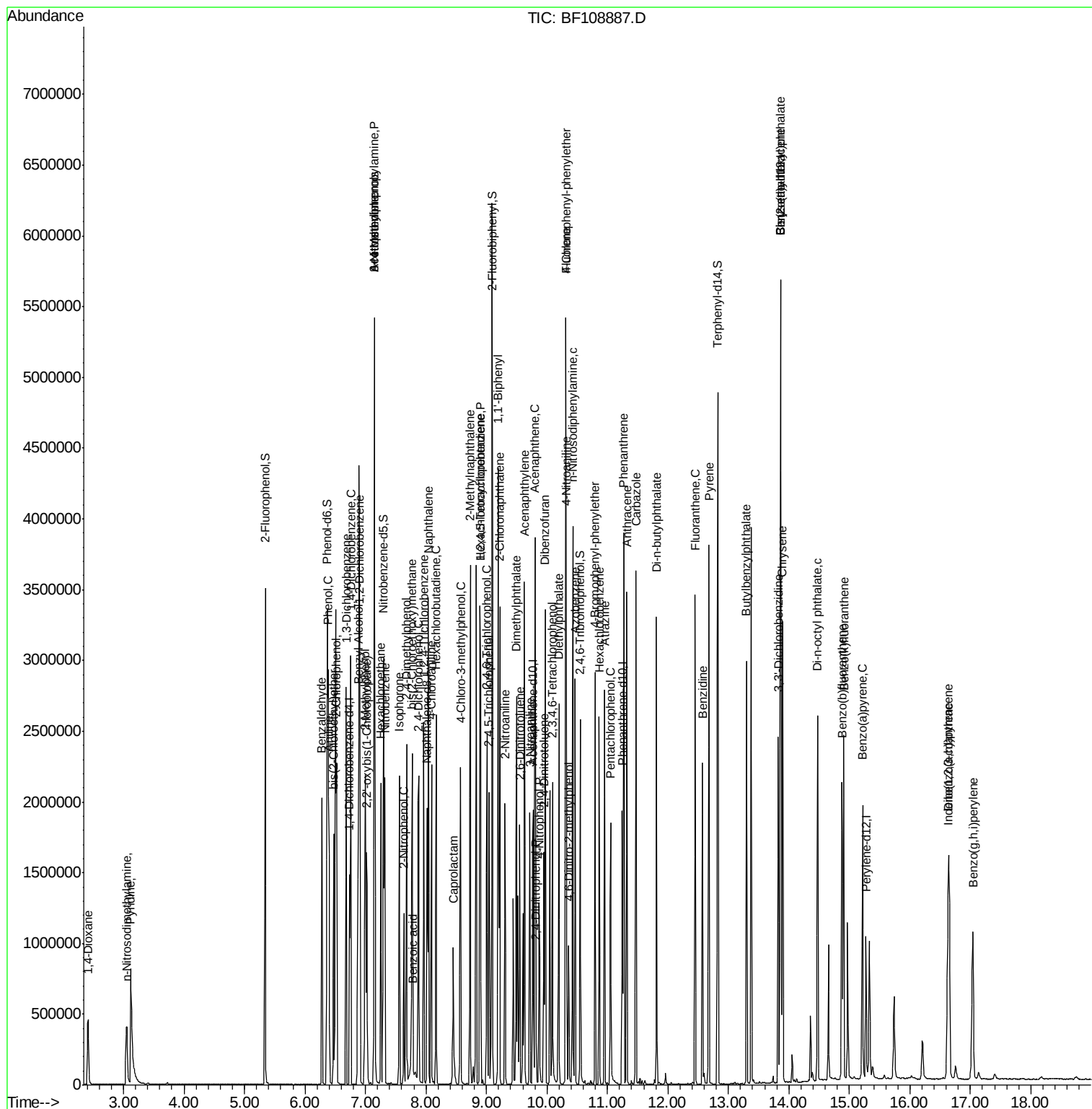
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
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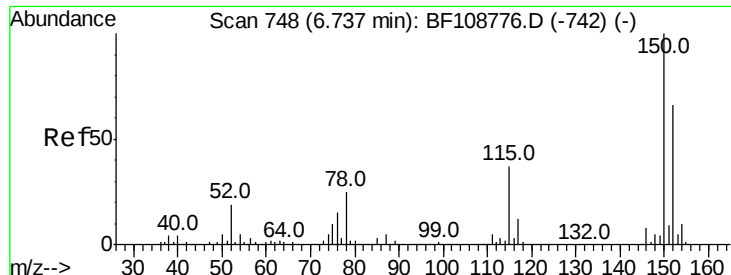
Instrument :
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ClientSampleId :
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#1

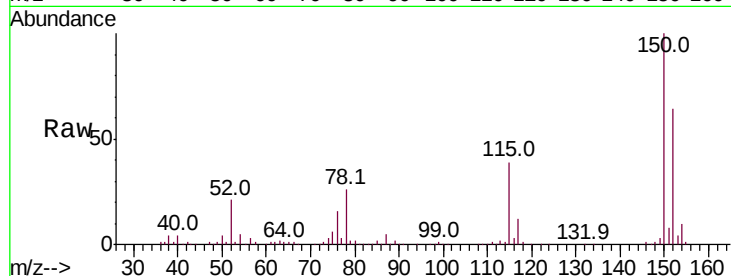
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	60.7	50.1	75.1

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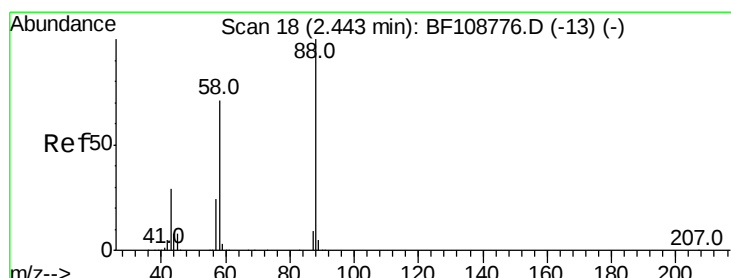
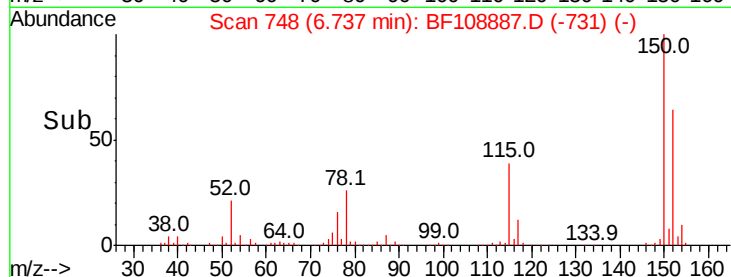
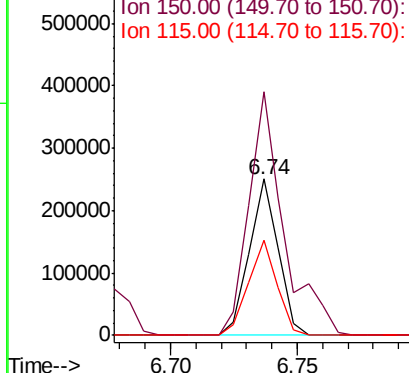


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

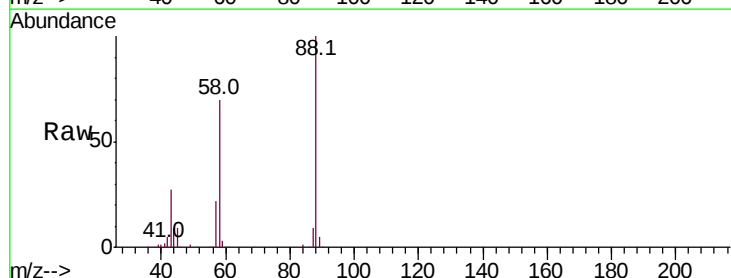
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.941 ng
RT: 2.41 min Scan# 13
Delta R.T. -0.03 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	62.6	93.8
43	28.4	24.6	37.0

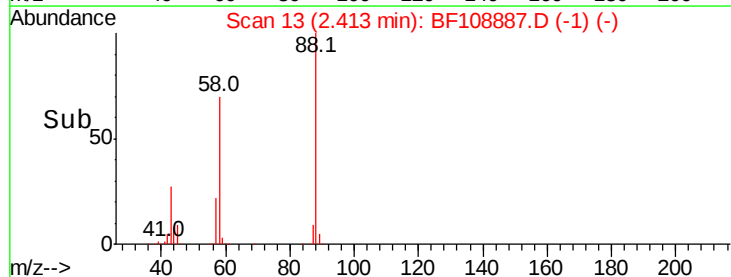
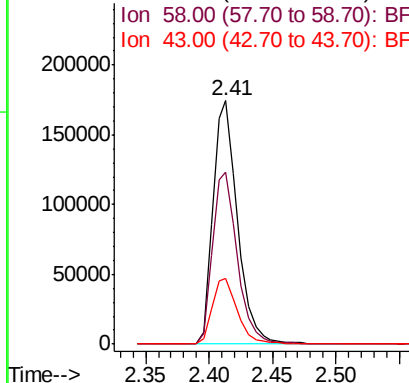


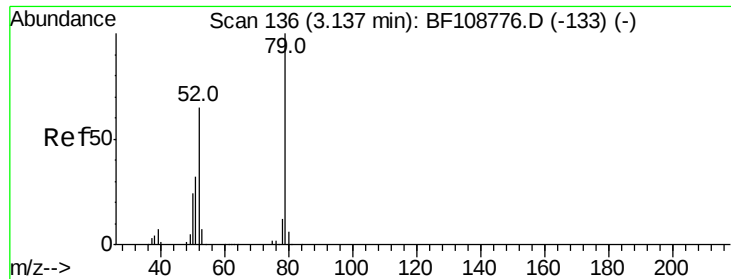
Abundance

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: 41.070 ng

RT: 3.12 min Scan# 133

Delta R.T. -0.02 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_F

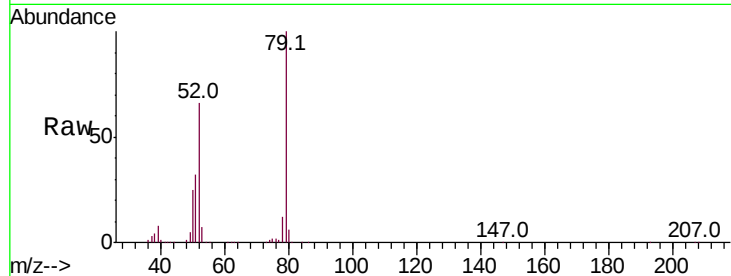
ClientSampleId :

SSTDCCC040

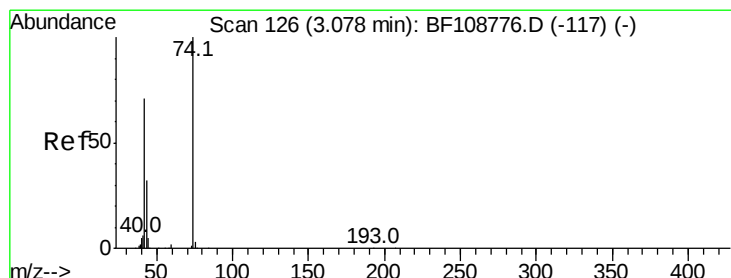
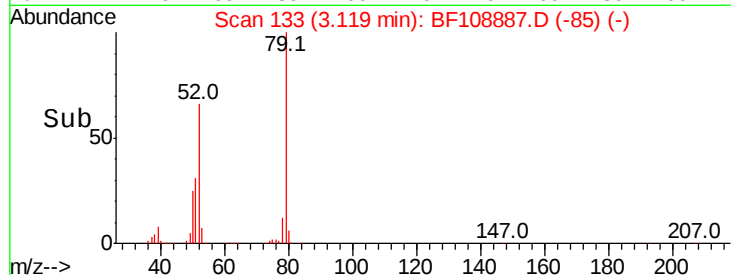
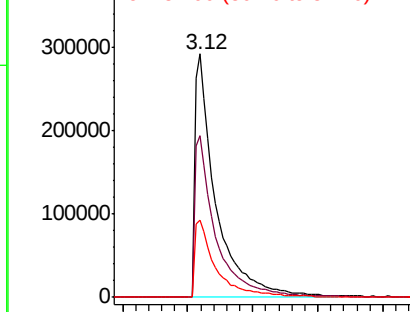
Tot Ion:	79	Resp:	649392
Ion Ratio	Lower	Upper	
79	100		
52	66.3	59.8	89.6
51	31.6	29.8	44.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.908 ng

RT: 3.05 min Scan# 121

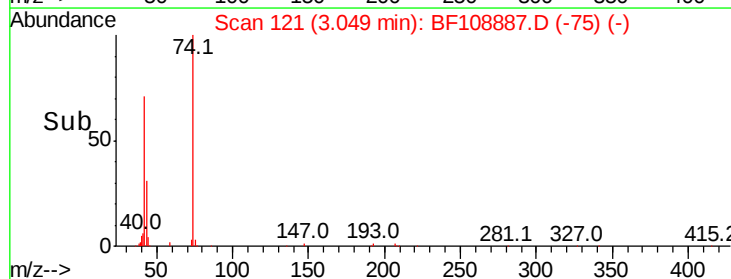
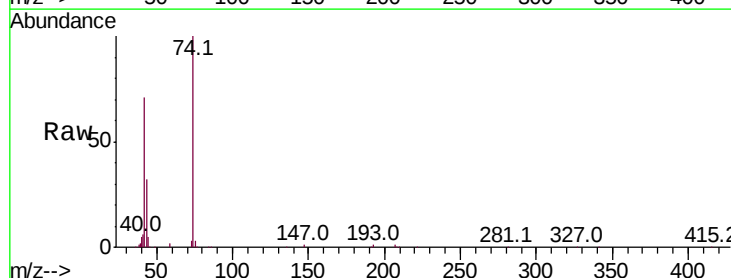
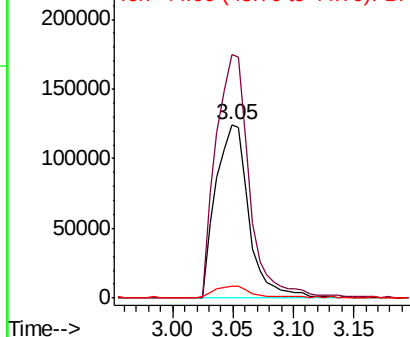
Delta R.T. -0.03 min

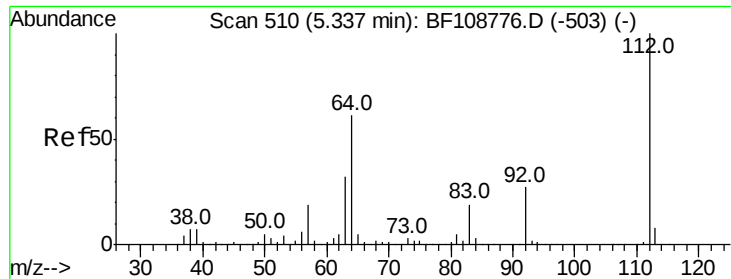
Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Tgt Ion:	42	Resp:	236295
Ion Ratio	Lower	Upper	
42	100		
74	140.4	104.9	157.3
44	6.7	6.9	10.3#

Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.283 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_F

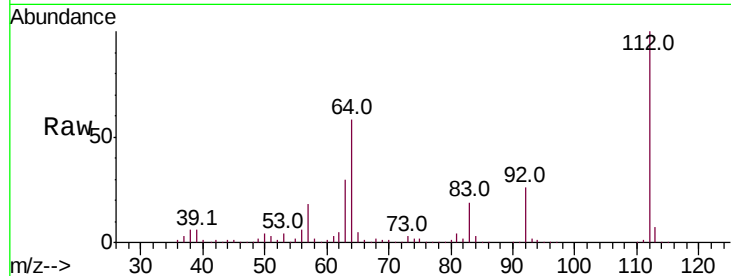
ClientSampleId :

SSTDCCC040

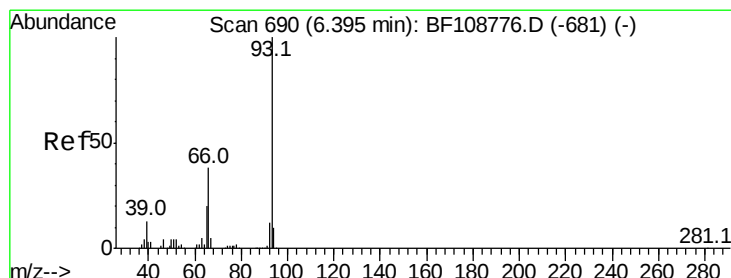
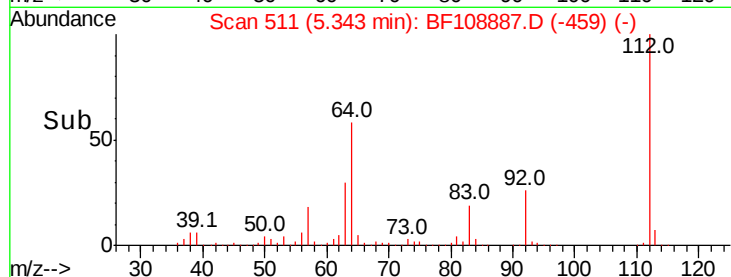
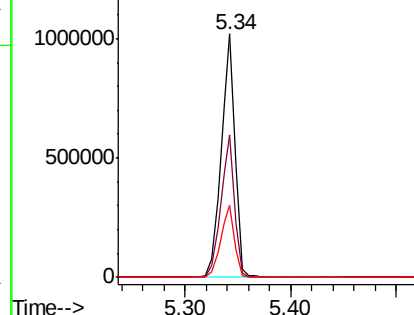
Tot Ion:	112	Resp:	952497
Ion Ratio	Lower	Upper	
112	100		
64	58.4	47.9	71.9
63	29.7	23.7	35.5

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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: 38.986 ng

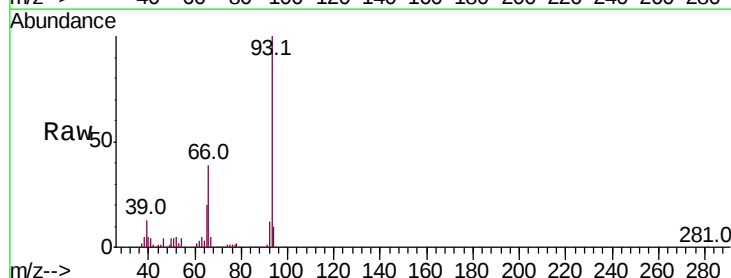
RT: 6.40 min Scan# 690

Delta R.T. -0.00 min

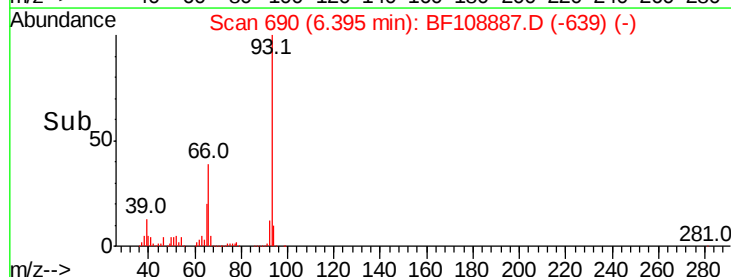
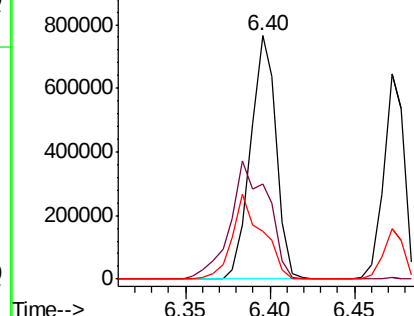
Lab File: BF108887.D

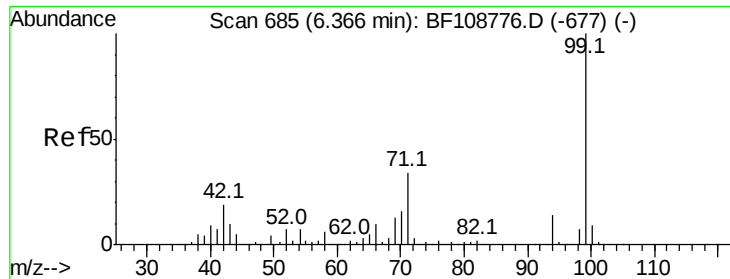
Acq: 10 Sep 2018 12:37

Tgt Ion:	93	Resp:	810538
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.2	48.2
65	19.8	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: 79.114 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1222914

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

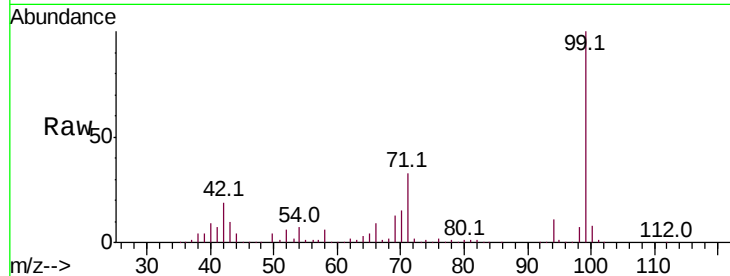
71 33.2 25.4 38.0

Manual Integrations

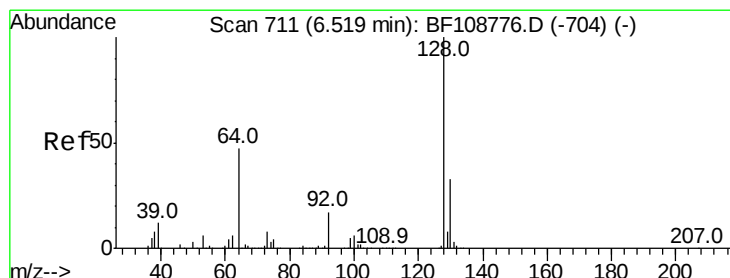
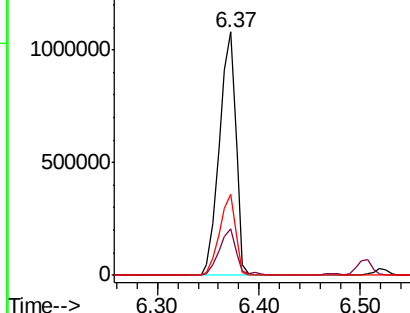
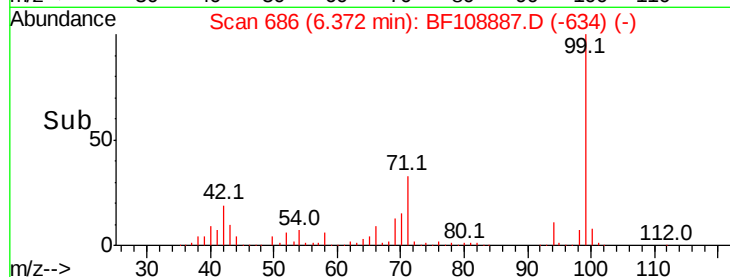
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.620 ng

RT: 6.52 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

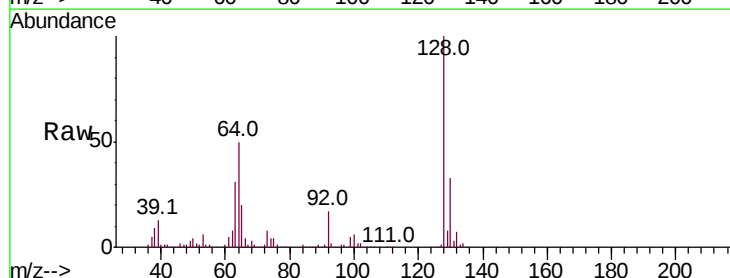
Tgt Ion:128 Resp: 526860

Ion Ratio Lower Upper

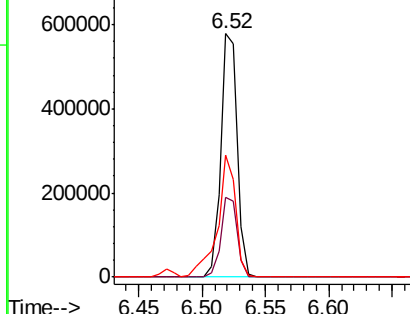
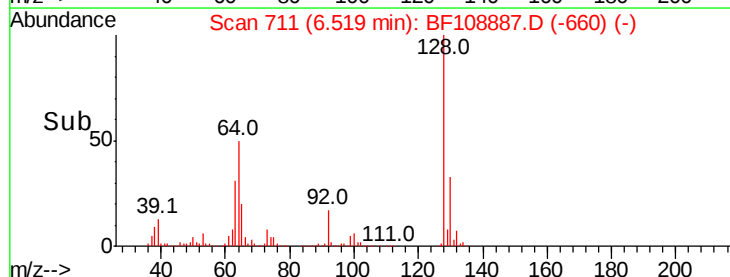
128 100

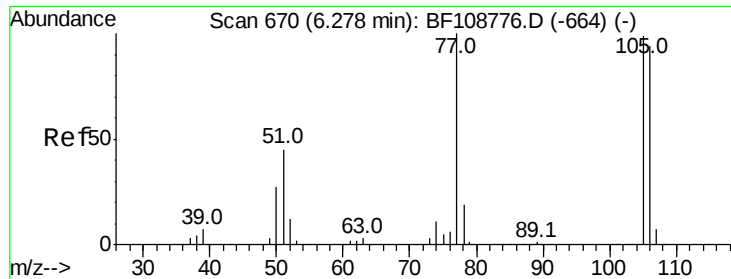
130 32.5 13.0 53.0

64 50.1 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





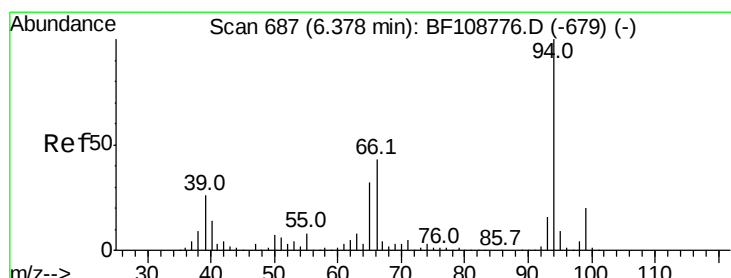
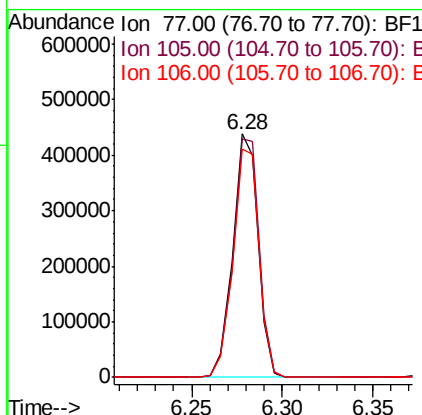
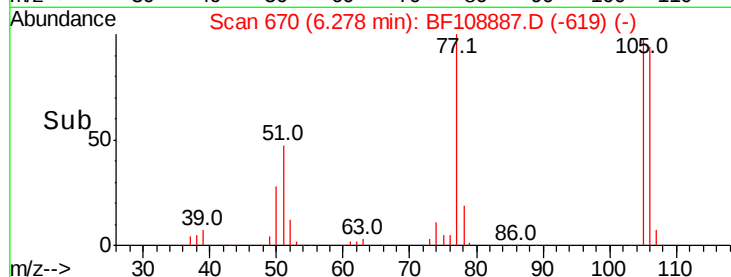
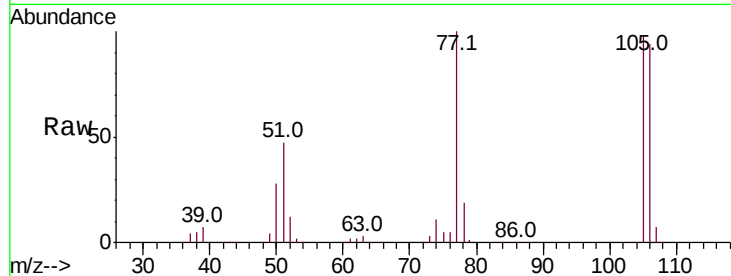
#9
Benzaldehyde
Concen: 38.633 ng
RT: 6.28 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 423659
Ion Ratio Lower Upper
77 100
105 97.8 81.1 121.1
106 93.8 74.5 114.5

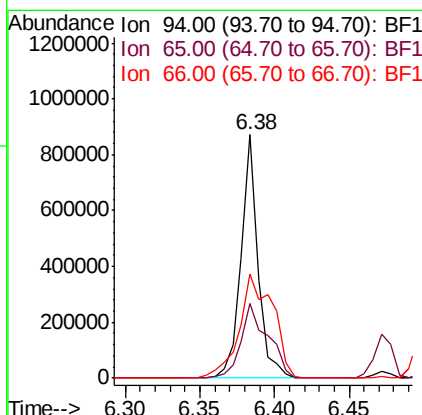
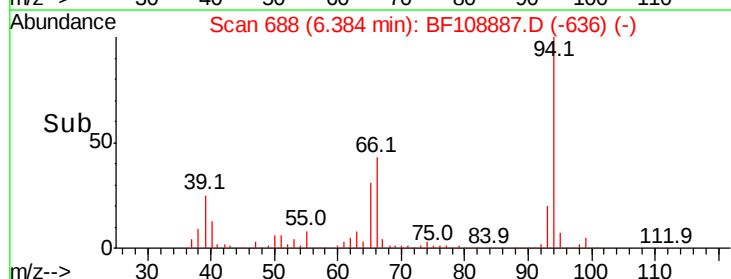
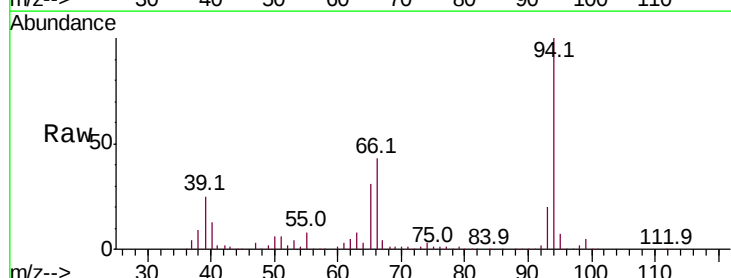
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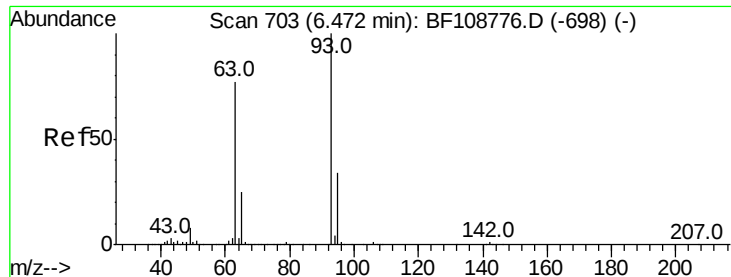
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#10
Phenol
Concen: 39.053 ng
RT: 6.38 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion: 94 Resp: 691418
Ion Ratio Lower Upper
94 100
65 30.8 7.9 47.9
66 42.8 16.2 56.2





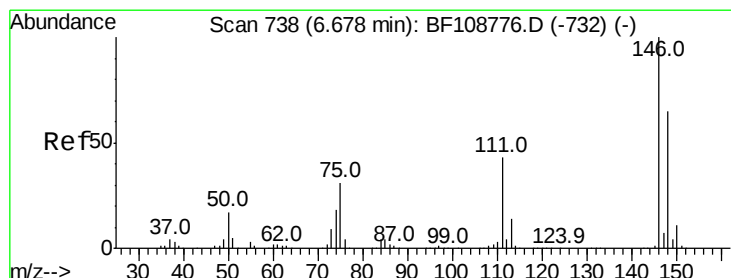
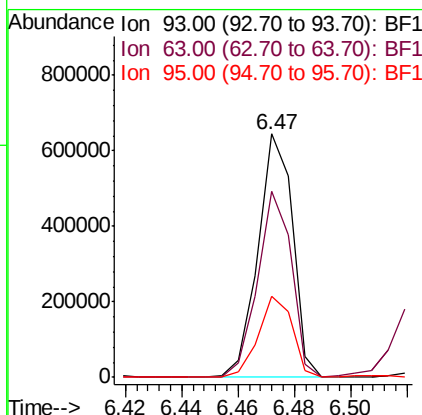
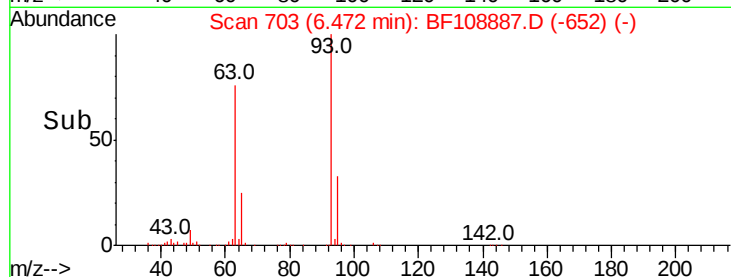
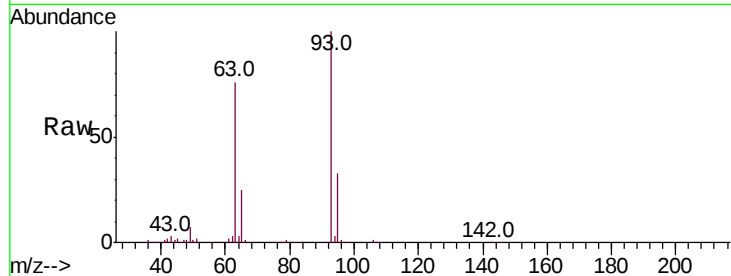
#11
bis(2-Chloroethyl)ether
Concen: 38.473 ng
RT: 6.47 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.4	58.6	98.6
95	33.1	11.8	51.8

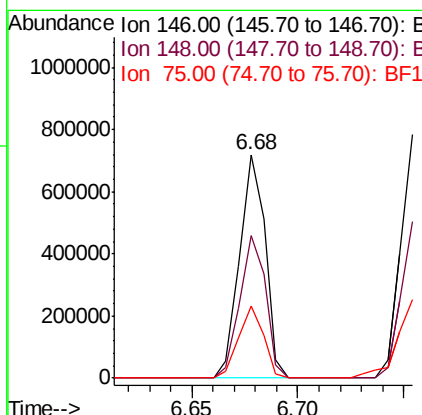
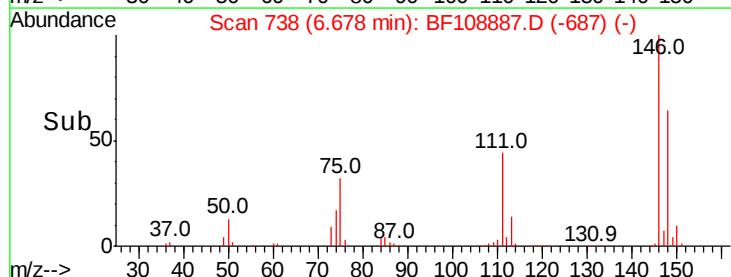
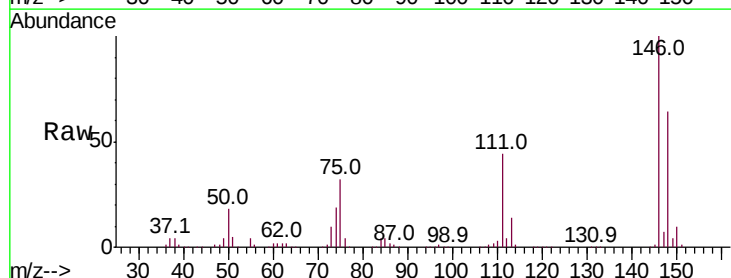
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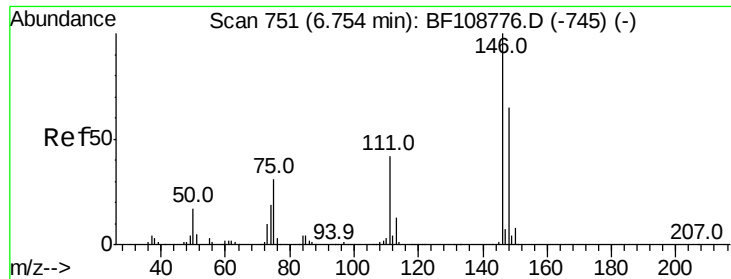
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#12
1,3-Dichlorobenzene
Concen: 39.858 ng
RT: 6.68 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	32.3	24.2	36.4





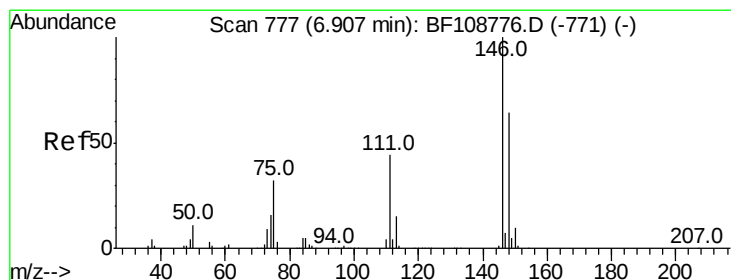
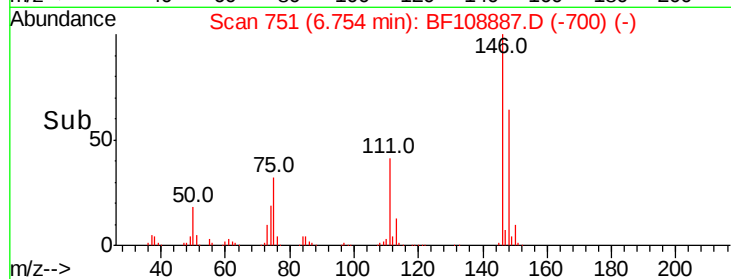
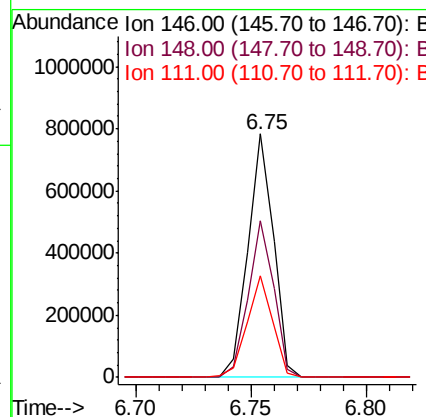
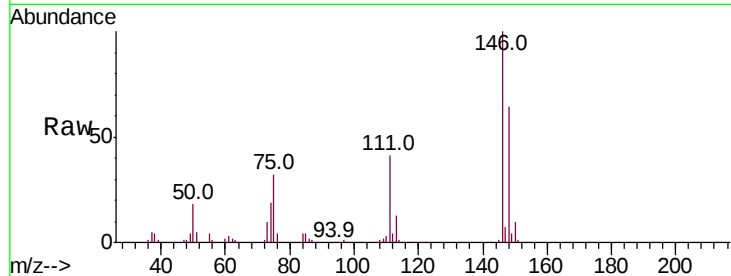
#13
 1,4-Dichlorobenzene
 Concen: 40.058 ng
 RT: 6.75 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	41.4	34.2	51.2

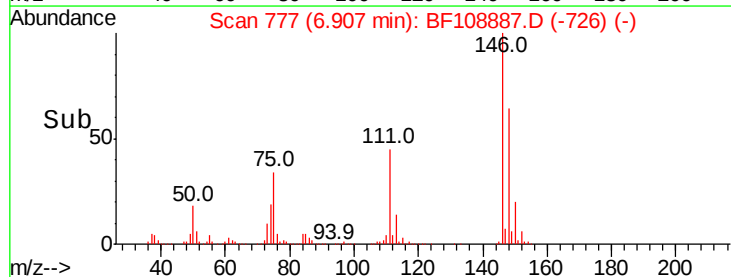
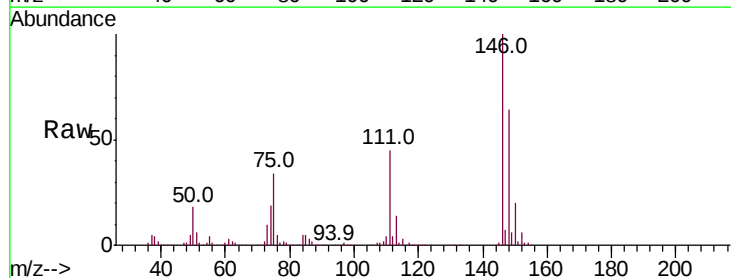
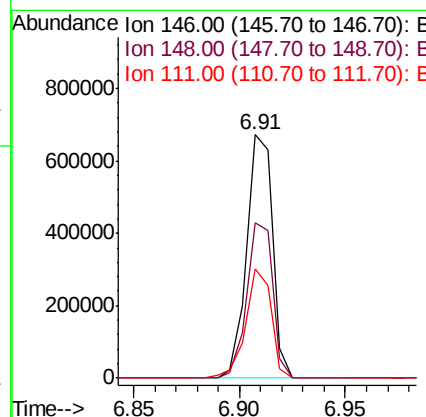
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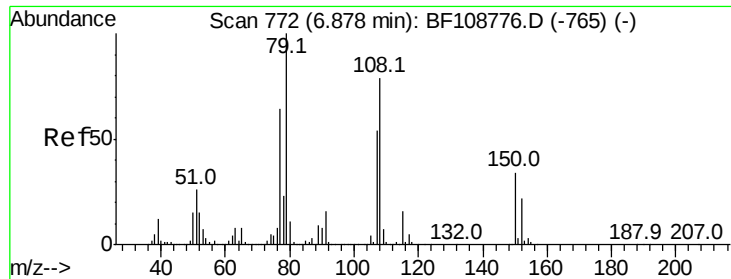
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#14
 1,2-Dichlorobenzene
 Concen: 40.657 ng
 RT: 6.91 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	45.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.021 ng

RT: 6.88 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_F

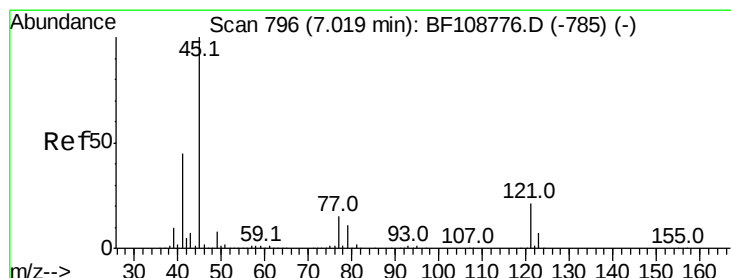
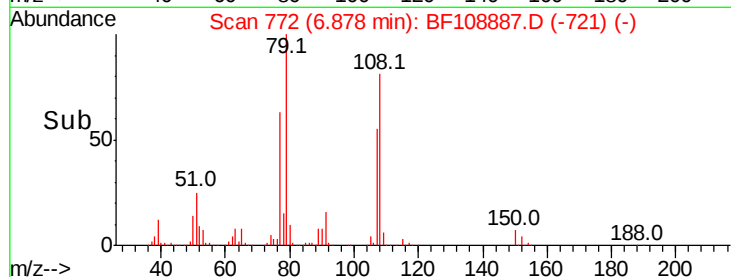
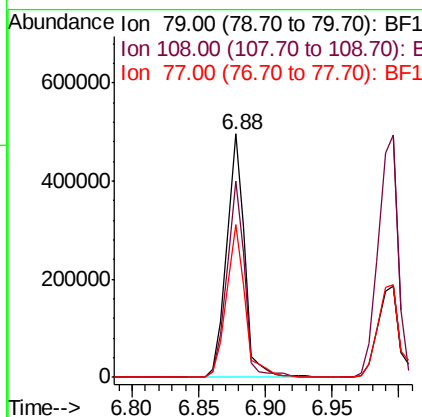
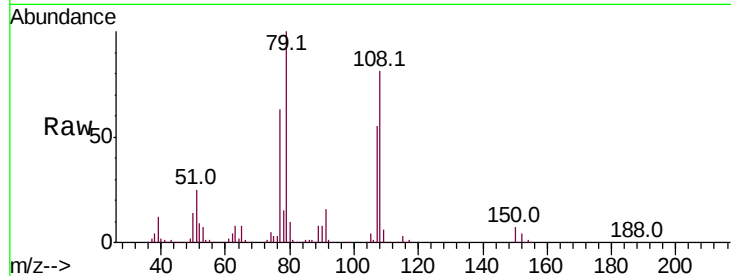
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	474761
Ion Ratio	Lower	Upper	
79	100		
108	80.6	65.1	97.7
77	62.9	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.154 ng

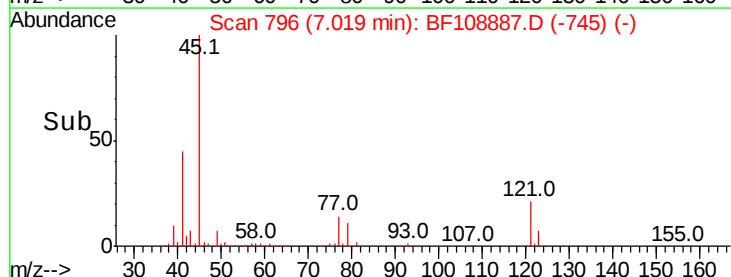
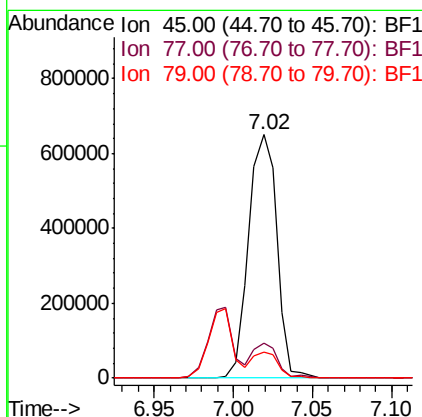
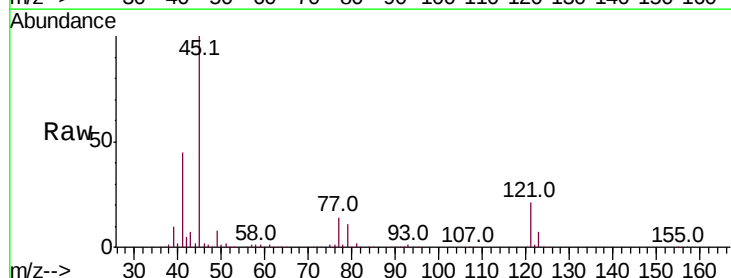
RT: 7.02 min Scan# 796

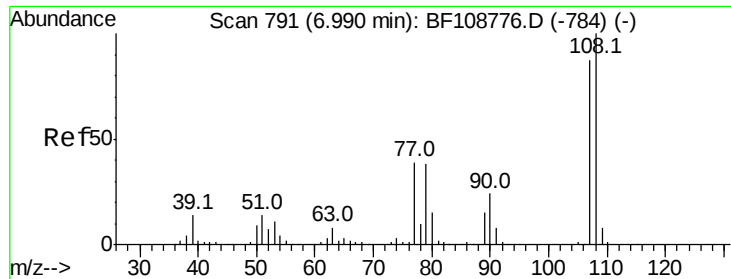
Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Tgt Ion:	45	Resp:	808892
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	32.9
79	10.8	0.0	29.6





#17

2-Methylphenol

Concen: 38.326 ng

RT: 7.00 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_F

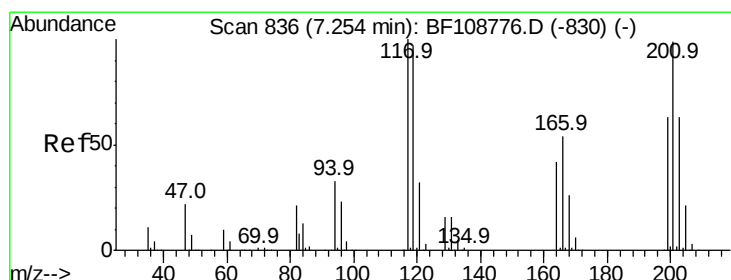
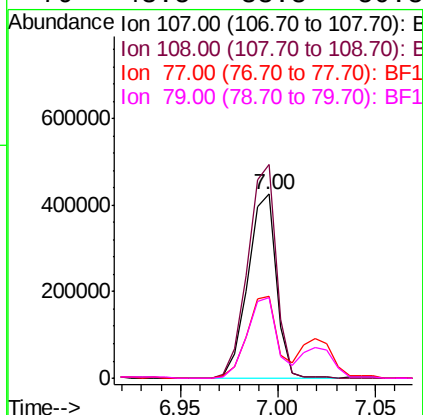
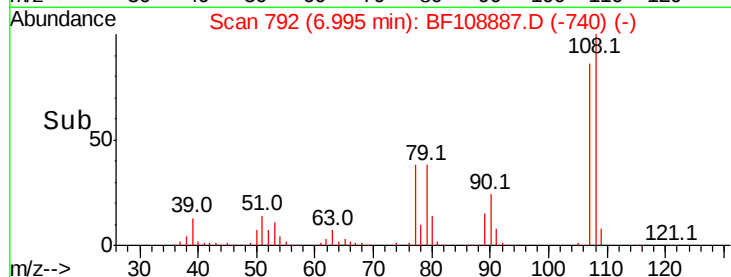
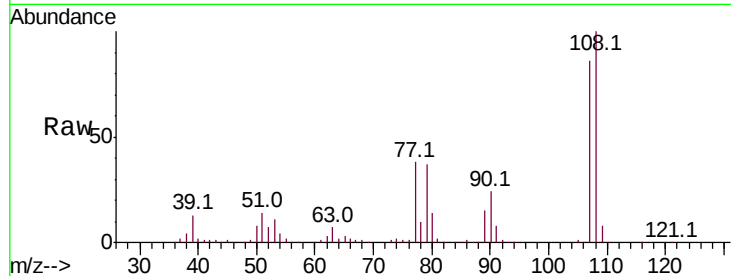
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	430700
Ion Ratio	Lower	Upper	
107	100		
108	116.0	91.7	137.5
77	44.5	33.8	50.8
79	43.5	33.8	50.8

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#18

Hexachloroethane

Concen: 39.995 ng

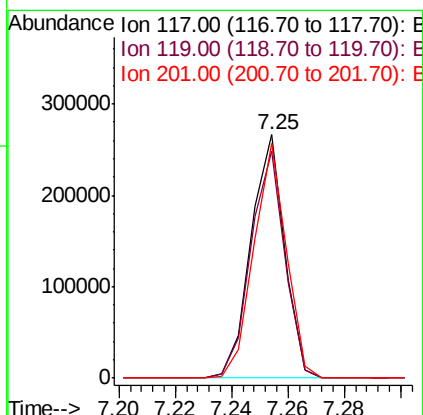
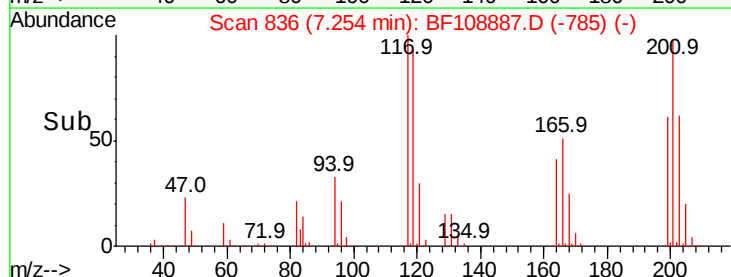
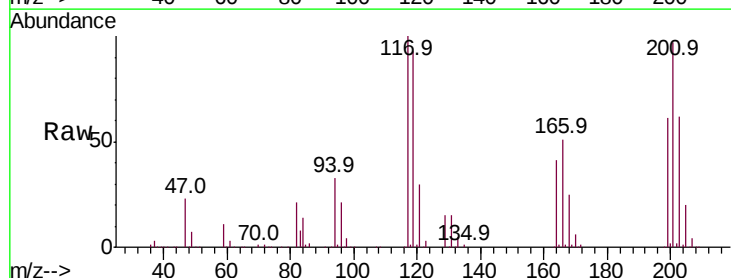
RT: 7.25 min Scan# 836

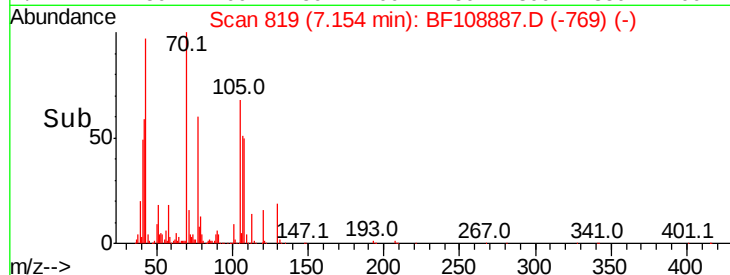
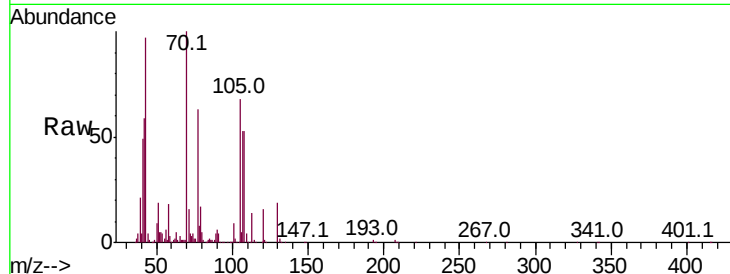
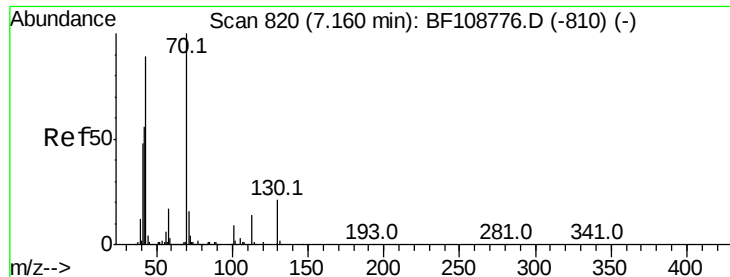
Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Tgt Ion:	117	Resp:	218847
Ion Ratio	Lower	Upper	
117	100		
119	93.2	75.8	113.8
201	96.5	75.7	113.5





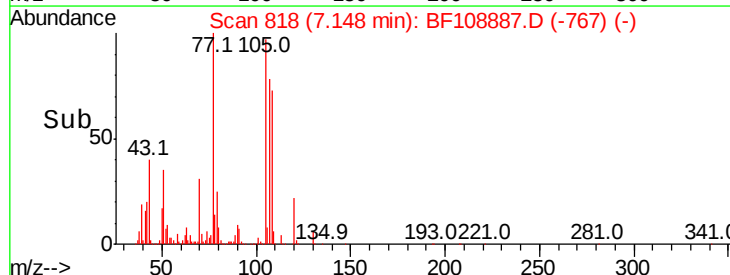
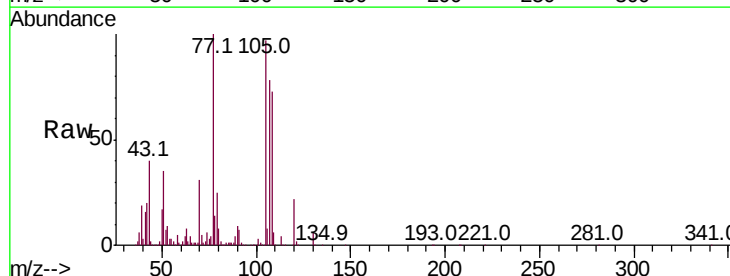
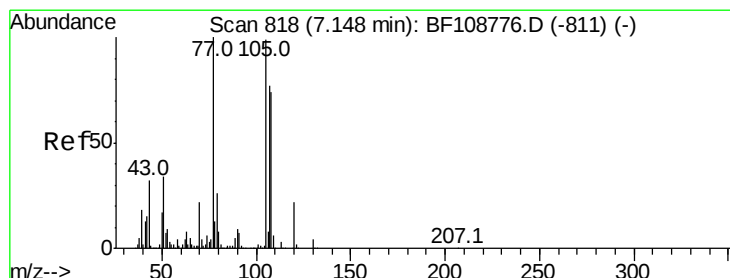
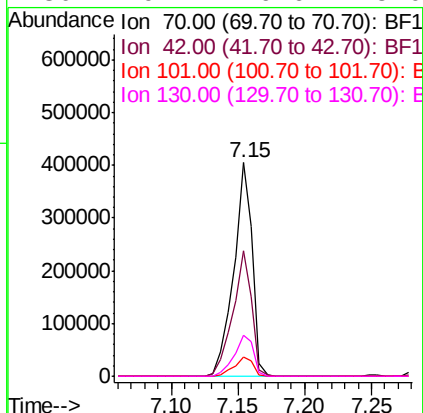
#19
n-Nitroso-di-n-propylamine
Concen: 36.861 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.0	47.5	71.3		
101	9.1	7.4	11.2		
130	19.2	16.6	25.0		

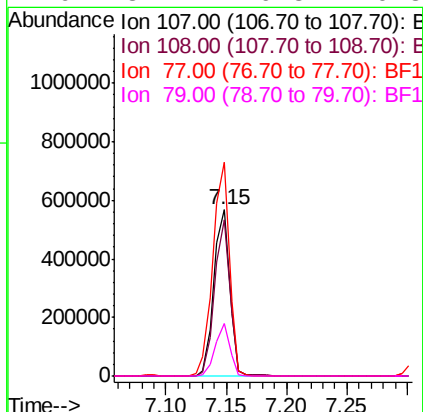
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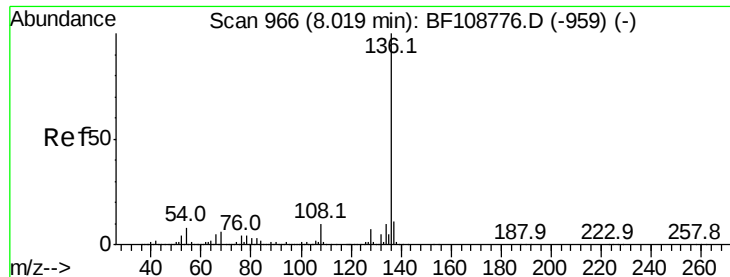
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#20
3+4-Methylphenols
Concen: 38.862 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	94.4	68.2	108.2		
77	128.8	26.7	66.7#		
79	31.7	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: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_F

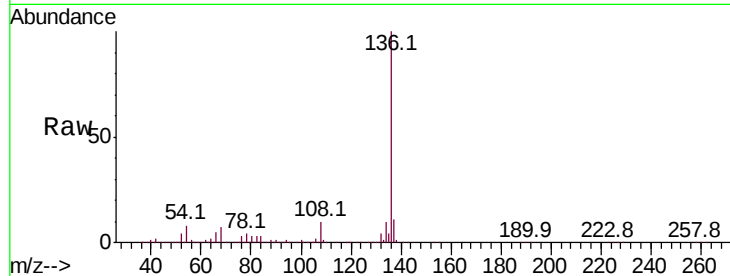
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	790496		
137	11.1	8.9	13.3	
54	7.8	6.6	9.8	
68	6.7	5.0	7.4	

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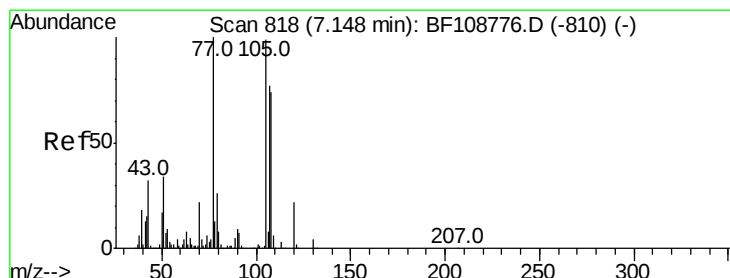
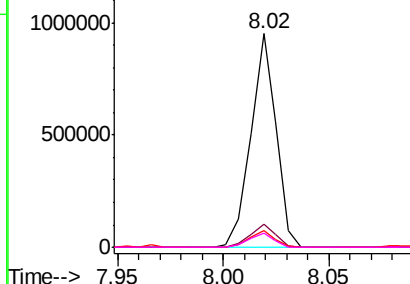
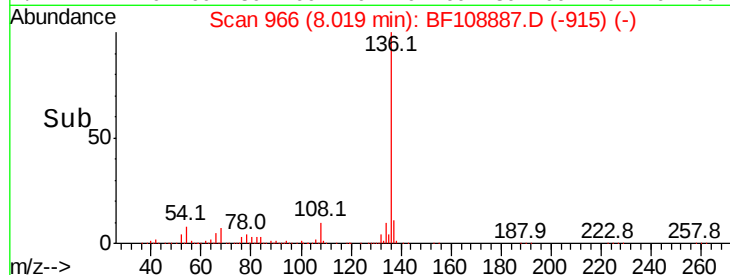
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.055 ng

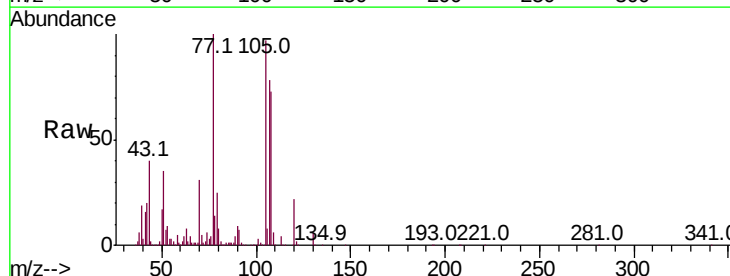
RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	682715		
71	5.5	4.4	6.6	
51	35.8	22.3	33.5	
120	22.3	16.9	25.3	



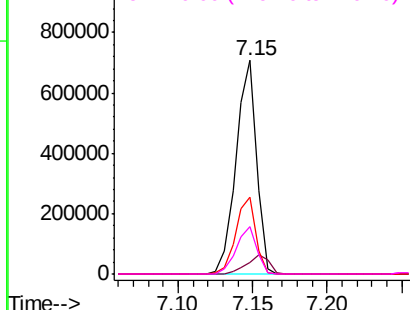
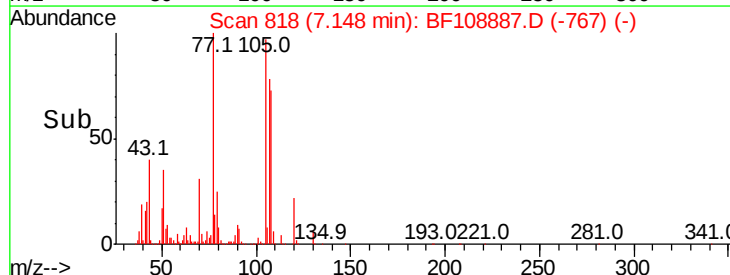
Abundance

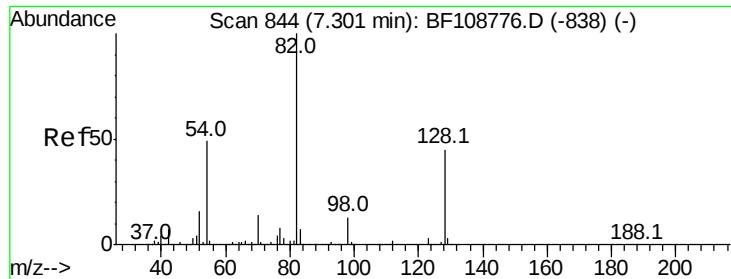
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





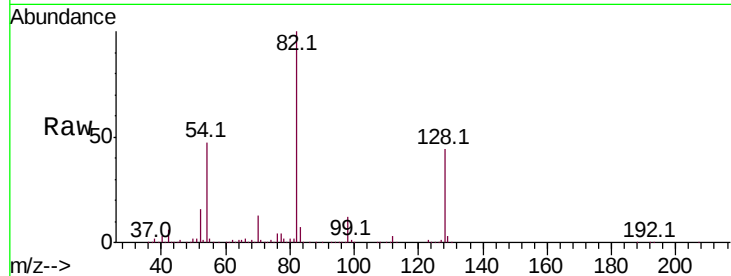
#23
 Nitrobenzene-d5
 Concen: 85.111 ng
 RT: 7.30 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

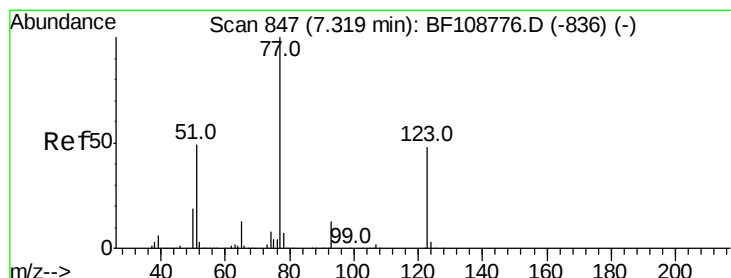
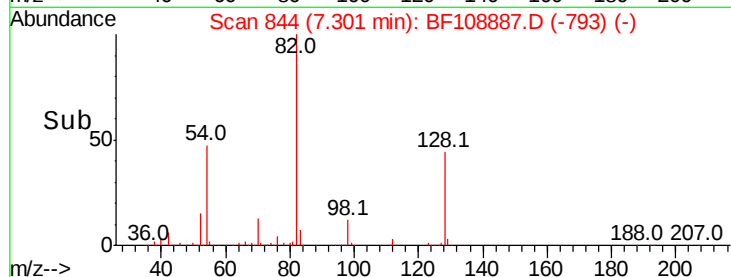
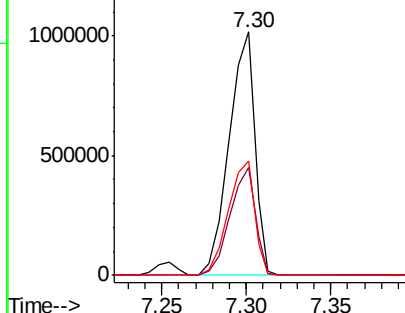
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	47.1	41.4	62.2

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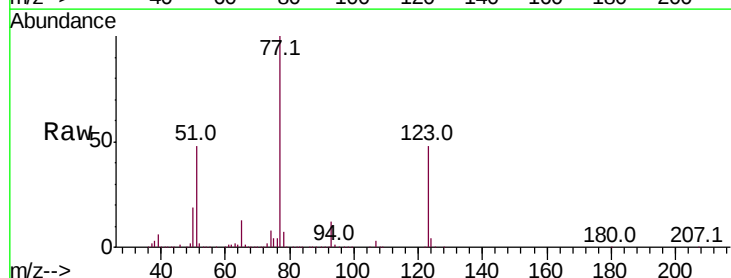


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

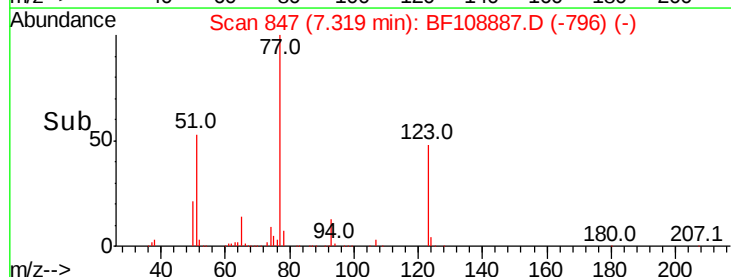
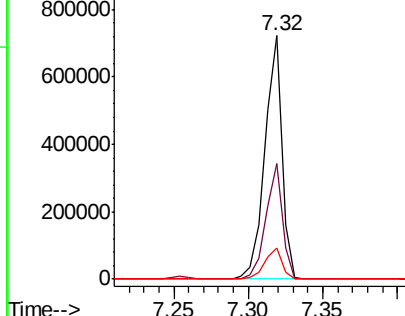


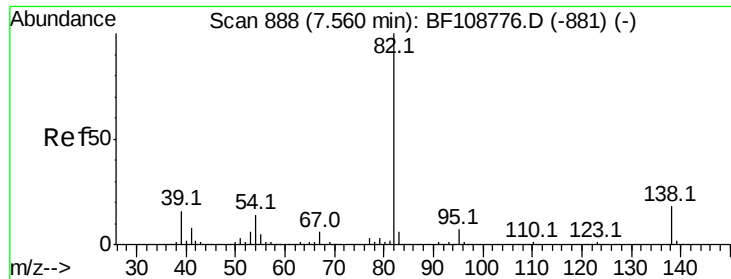
#24
 Nitrobenzene
 Concen: 41.682 ng
 RT: 7.32 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.9	56.9
65	12.6	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





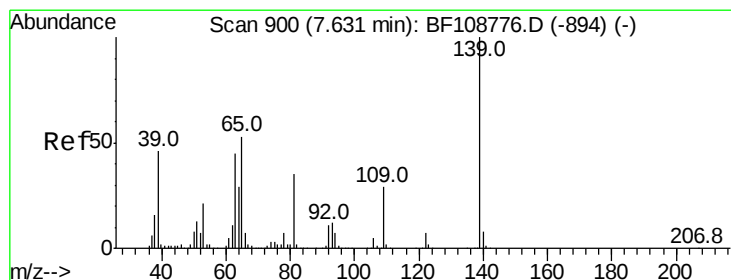
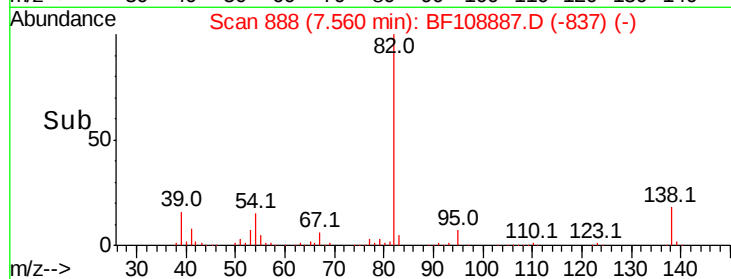
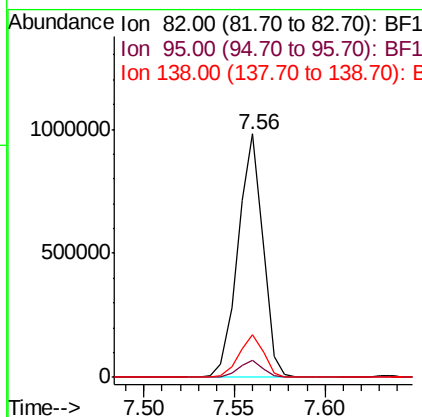
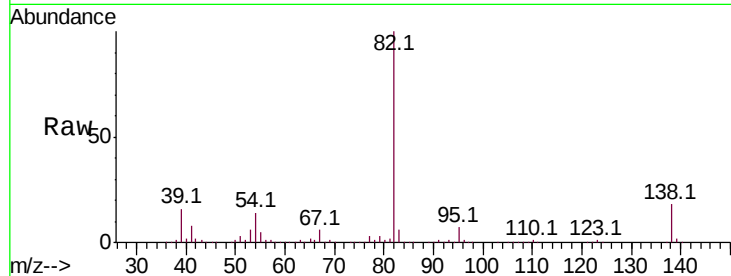
#25
Isophorone
Concen: 37.106 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.8	5.2	7.8	
138	17.5	14.9	22.3	

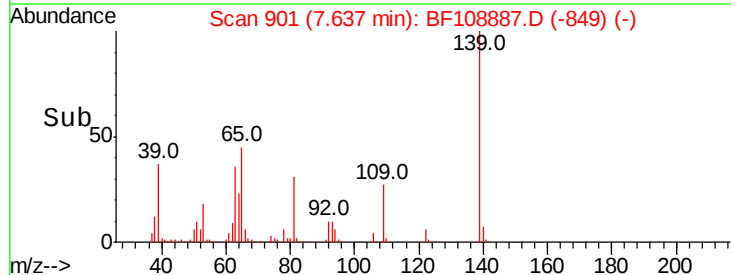
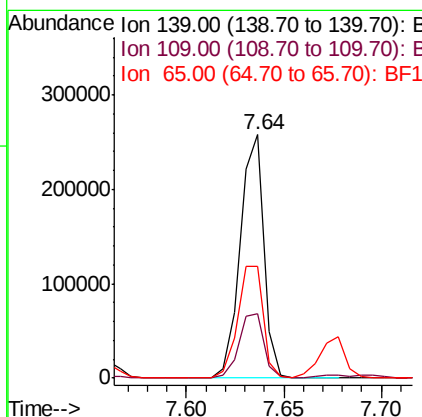
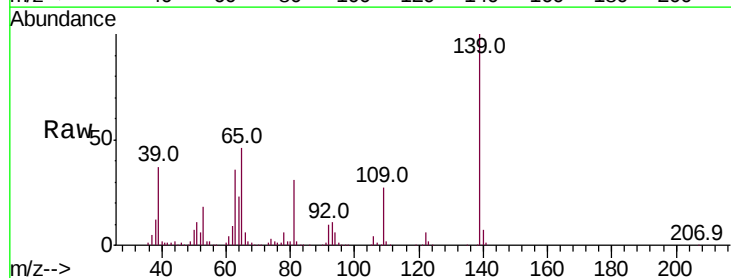
Manual Integrations
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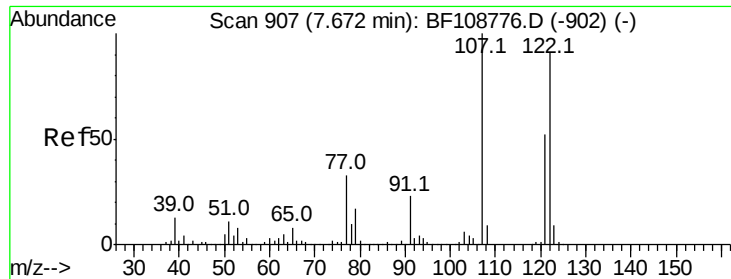
Sohil
9/11/2018 9:25:47 AM



#26
2-Nitrophenol
Concen: 40.594 ng
RT: 7.64 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.7	22.7	34.1	
65	45.7	40.5	60.7	





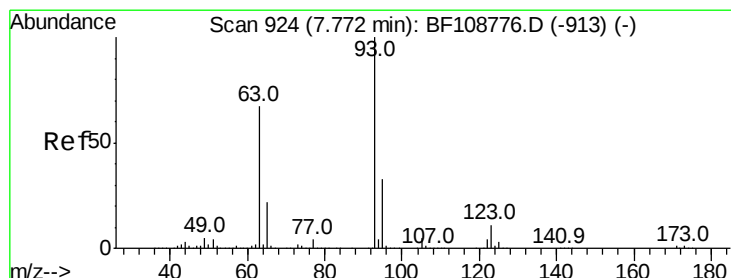
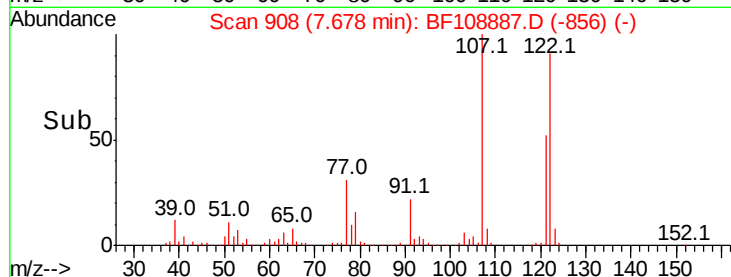
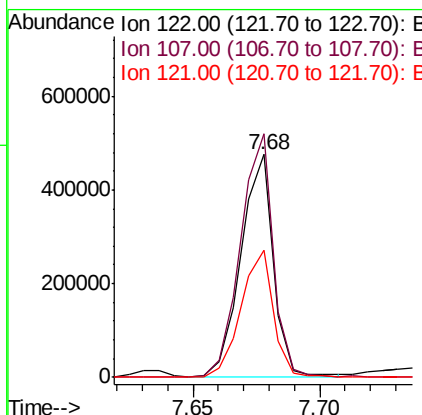
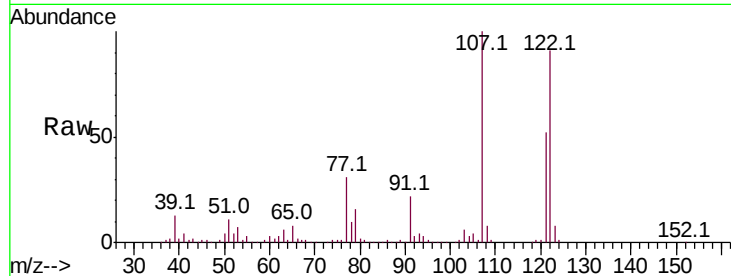
#27
2,4-Dimethylphenol
Concen: 39.034 ng
RT: 7.68 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	91.2	136.8
121	57.3	47.2	70.8

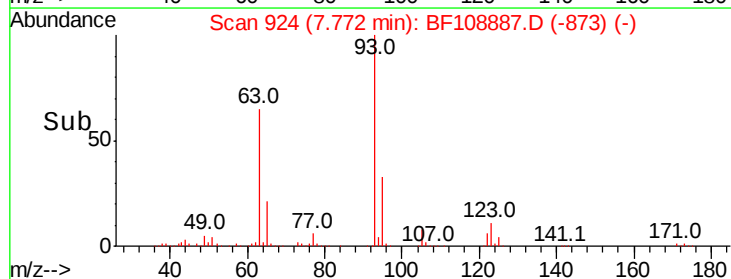
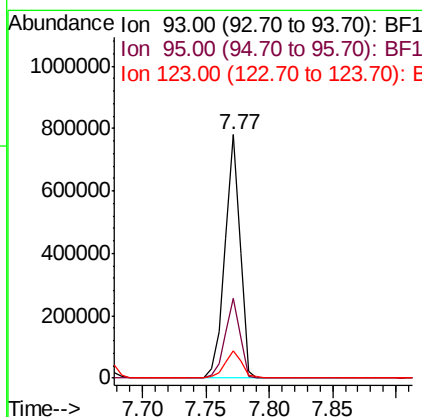
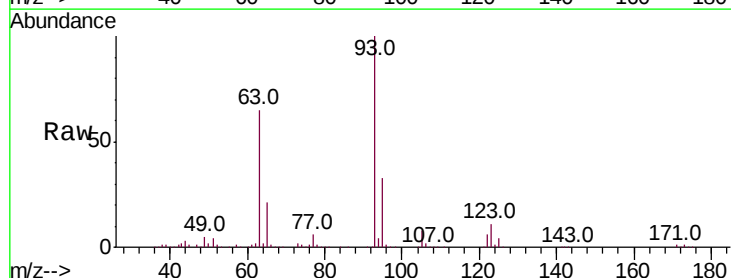
Manual Integrations
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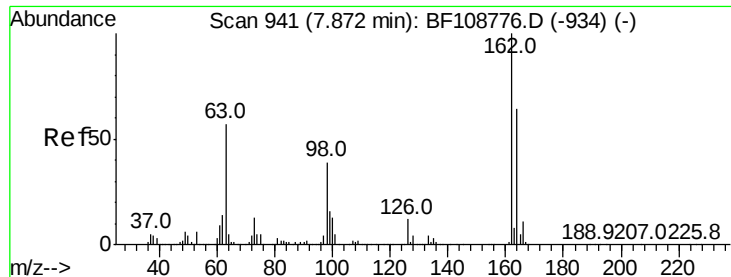
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.582 ng
RT: 7.77 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.1	9.8	14.6





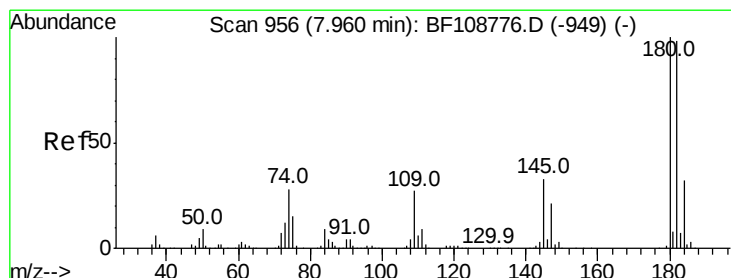
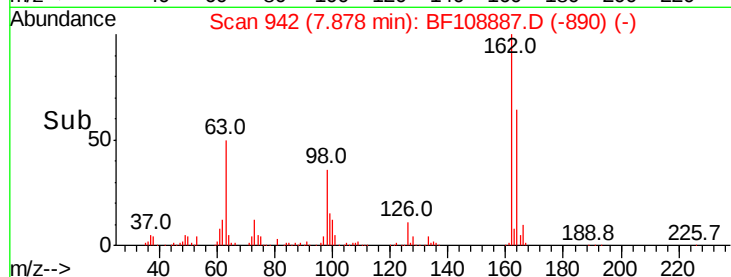
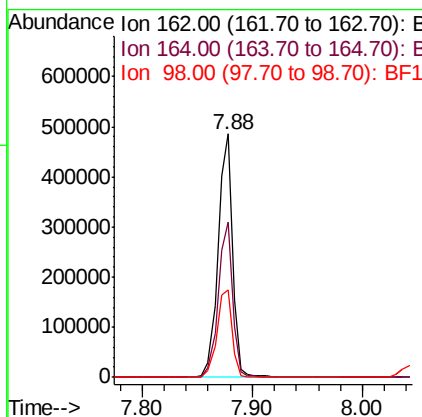
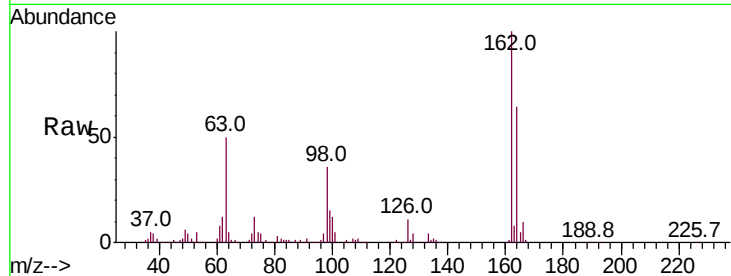
#29
2,4-Dichlorophenol
Concen: 39.806 ng
RT: 7.88 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	162	Resp:	445052
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	35.7	18.1	58.1

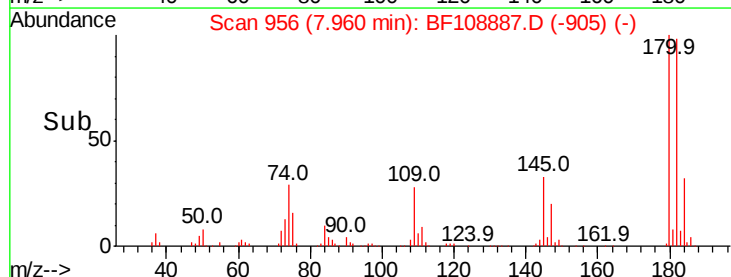
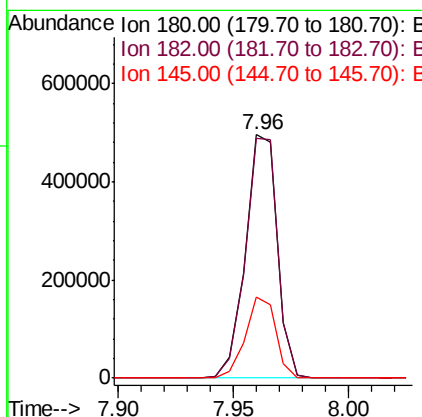
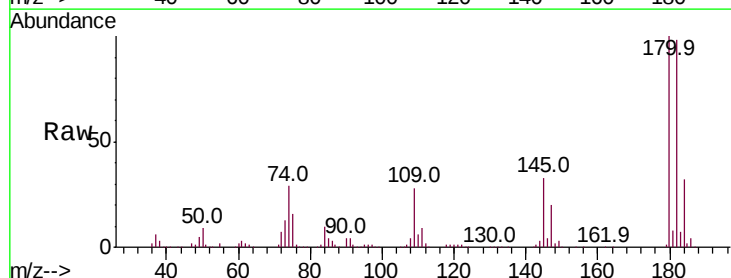
Manual Integrations
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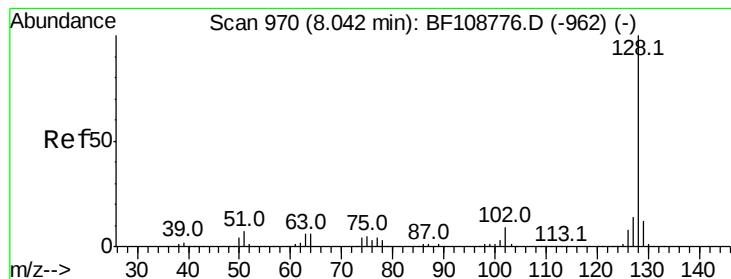
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#30
1,2,4-Trichlorobenzene
Concen: 39.422 ng
RT: 7.96 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion:	180	Resp:	477666
Ion Ratio	Lower	Upper	
180	100		
182	98.4	76.8	115.2
145	33.4	26.5	39.7





#31

Naphthalene

Concen: 40.419 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1437490

Ion Ratio Lower Upper

128 100

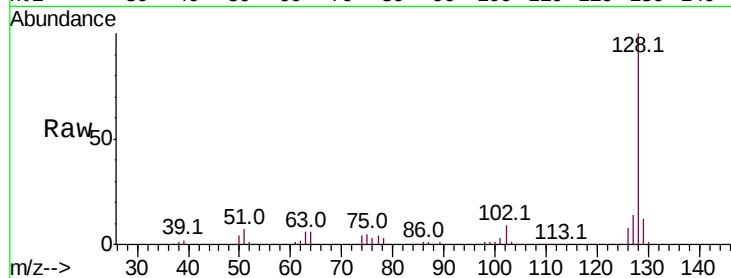
129 11.7 8.8 13.2

127 13.7 10.9 16.3

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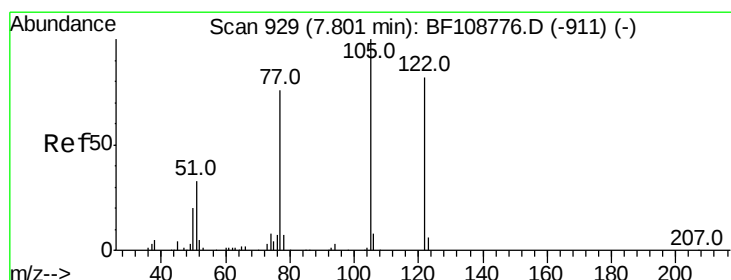
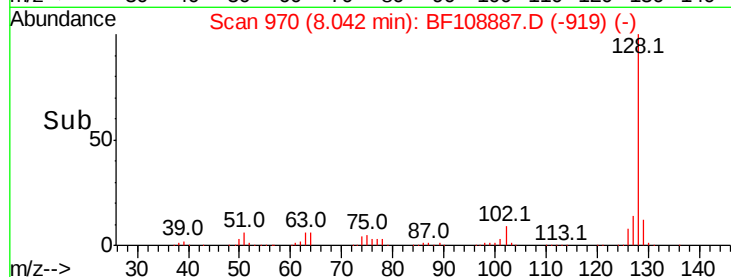
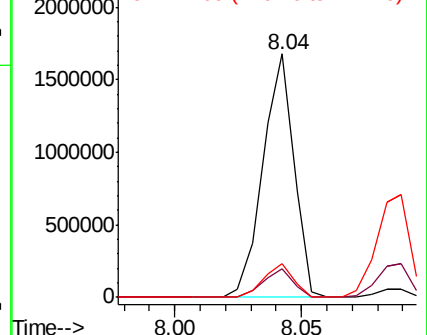
9/11/2018 9:25:47 AM



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: 35.493 ng m

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

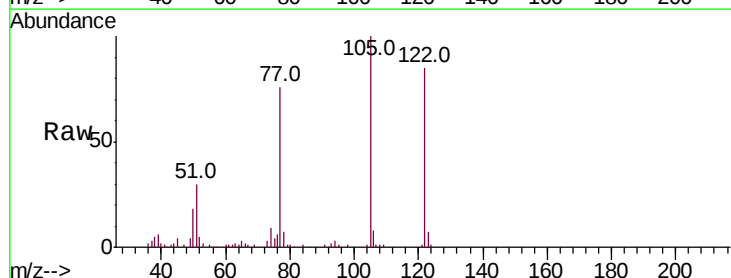
Tgt Ion:122 Resp: 235616

Ion Ratio Lower Upper

122 100

105 118.3 101.1 141.1

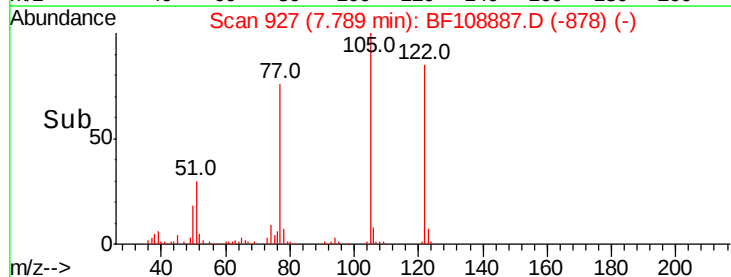
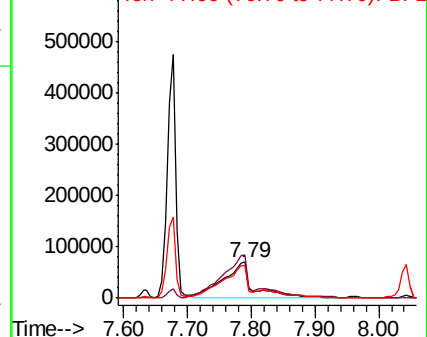
77 89.5 70.7 110.7

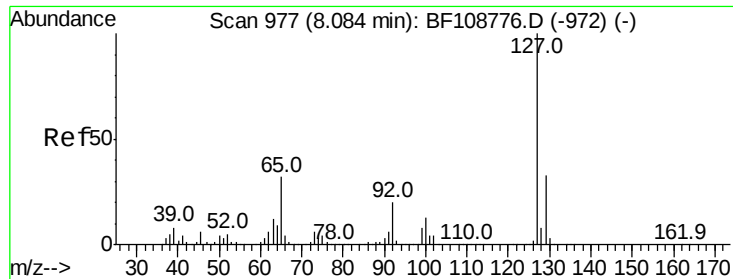


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





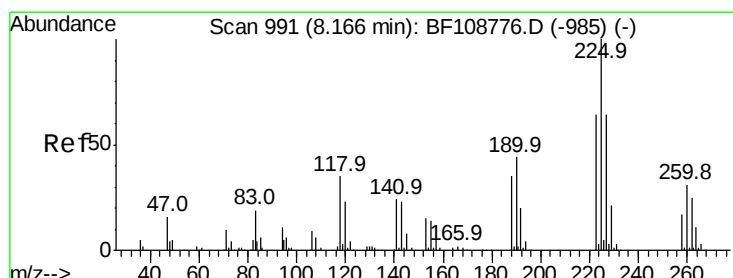
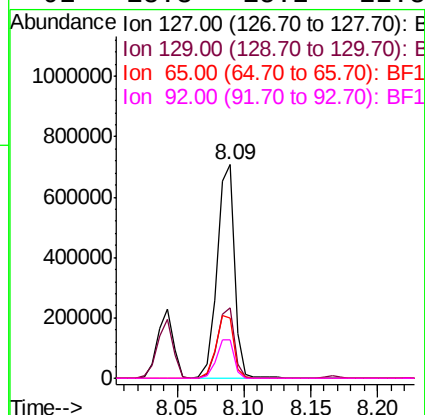
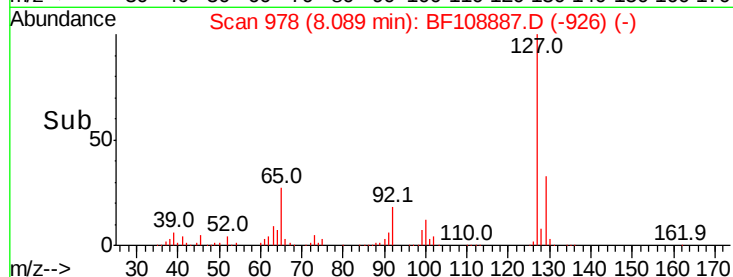
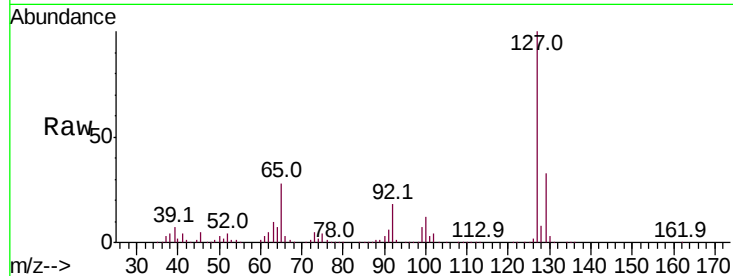
#33
4-Chloroaniline
Concen: 39.959 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	25.9	38.9	
65	28.3	25.0	37.4	
92	18.3	15.2	22.8	

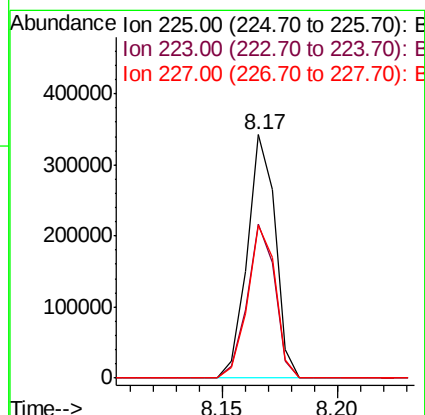
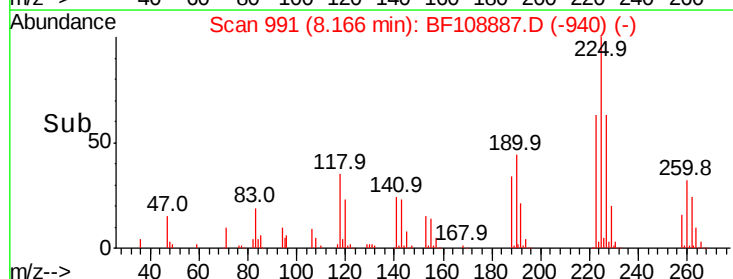
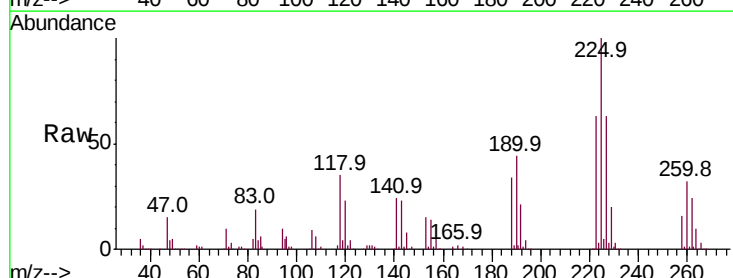
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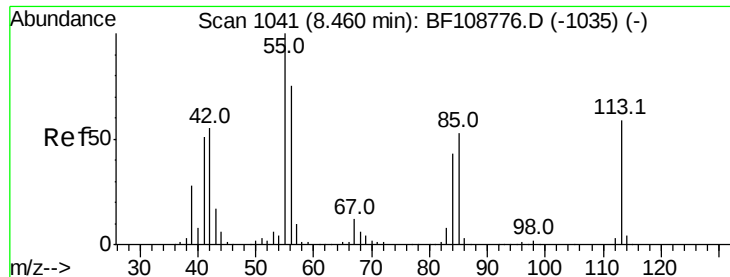
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#34
Hexachlorobutadiene
Concen: 40.316 ng
RT: 8.17 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.6	76.0	
227	62.8	51.9	77.9	





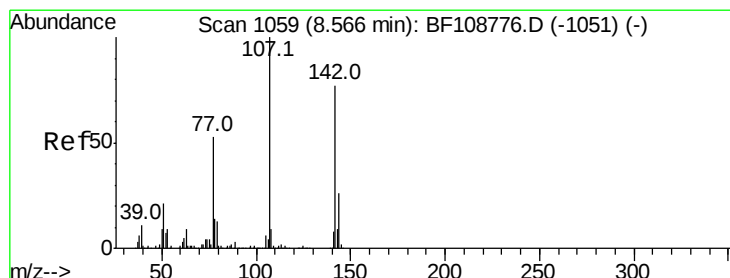
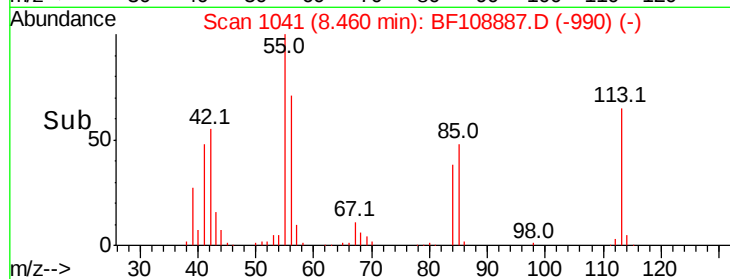
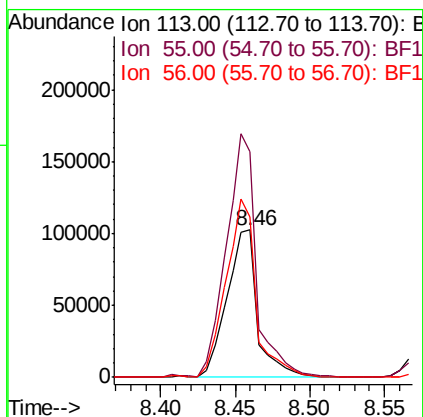
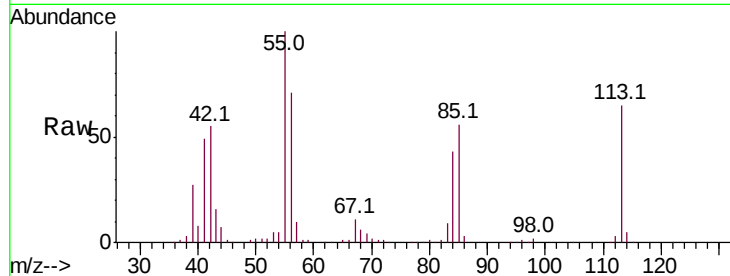
#35
 Caprolactam
 Concen: 38.766 ng
 RT: 8.46 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	153.5	163.3	203.3#	
56	109.4	115.7	155.7#	

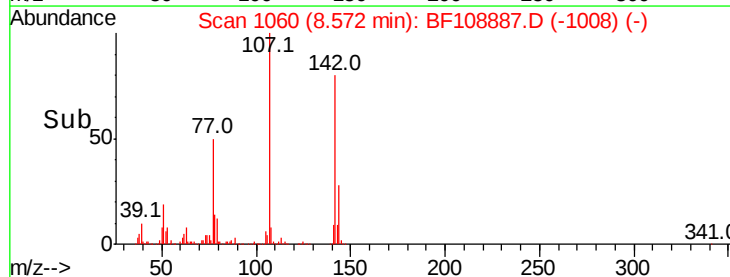
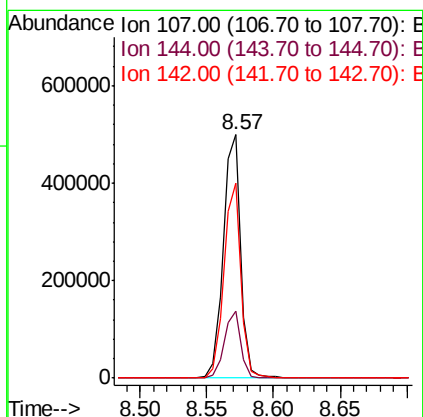
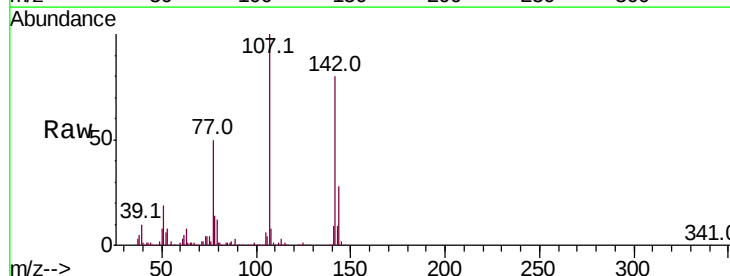
Manual Integrations
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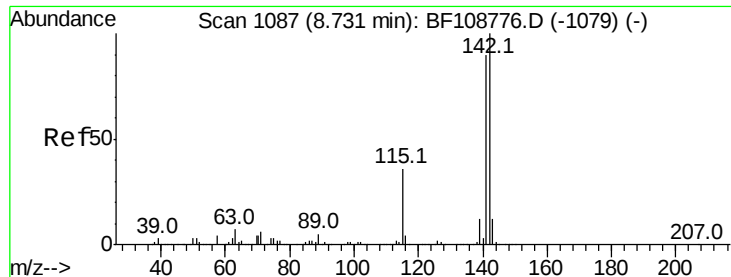
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#36
 4-Chloro-3-methylphenol
 Concen: 38.841 ng
 RT: 8.57 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.5	20.5	30.7	
142	79.8	62.0	93.0	





#37

2-Methylnaphthalene

Concen: 39.640 ng

RT: 8.73 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_F

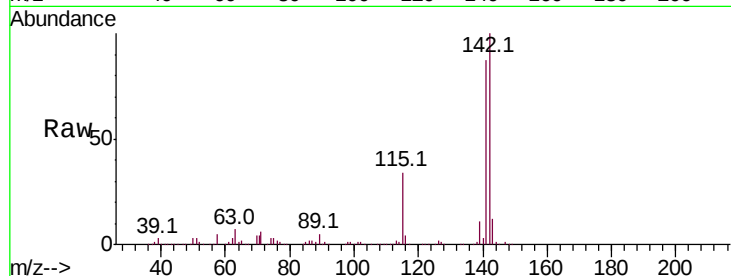
ClientSampled :

SSTDCCC040

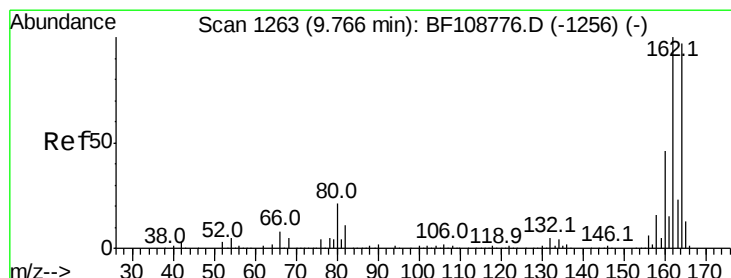
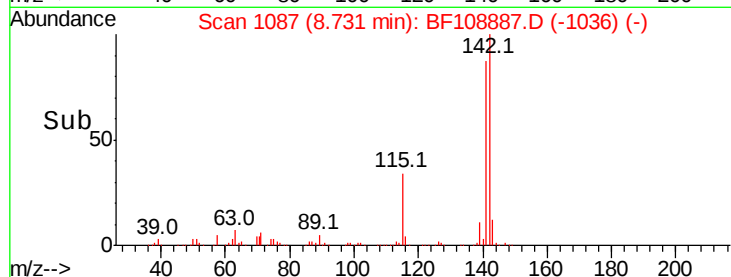
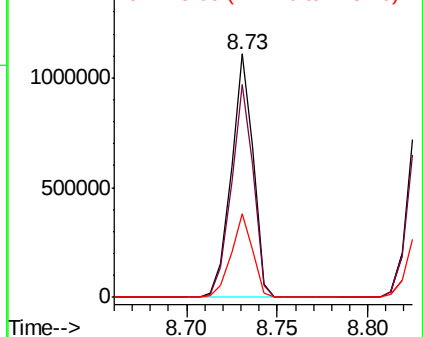
Tot Ion:	142	Resp:	931355
Ion Ratio	Lower	Upper	
142	100		
141	87.3	70.8	106.2
115	34.1	26.1	39.1

Manual Integrations
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Abundance Ion 142.00 (141.70 to 142.70): E
1500000
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

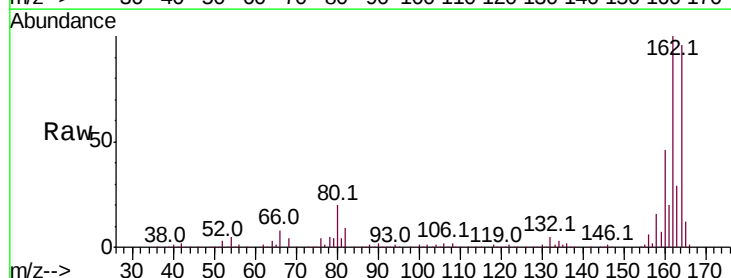
RT: 9.77 min Scan# 1264

Delta R.T. 0.01 min

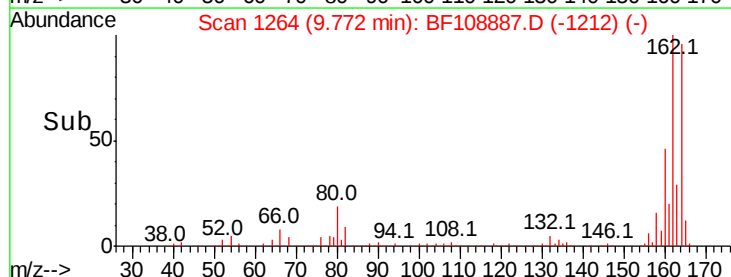
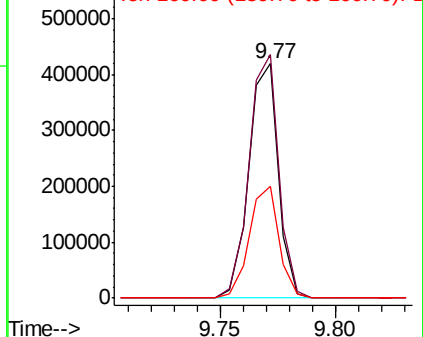
Lab File: BF108887.D

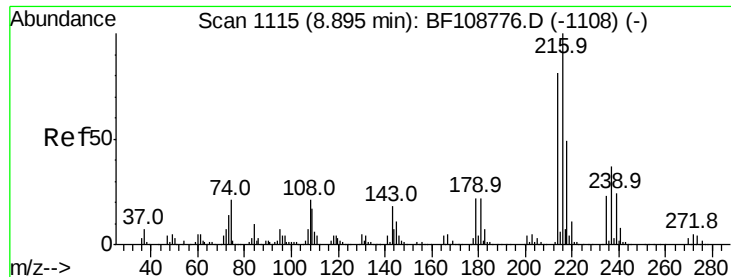
Acq: 10 Sep 2018 12:37

Tgt Ion:	164	Resp:	374705
Ion Ratio	Lower	Upper	
164	100		
162	104.0	86.1	129.1
160	47.7	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
600000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





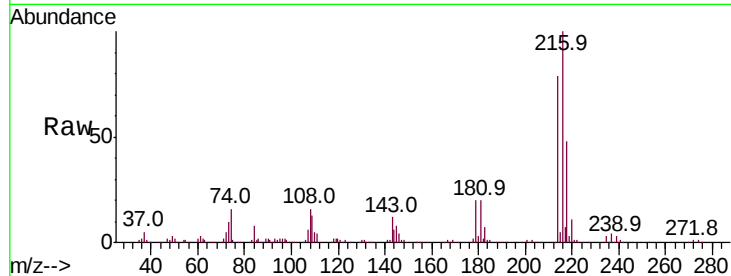
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.516 ng
 RT: 8.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	465019		
214	79.7	63.0	94.4	
179	20.8	18.1	27.1	
108	19.0	17.2	25.8	

Manual Integrations
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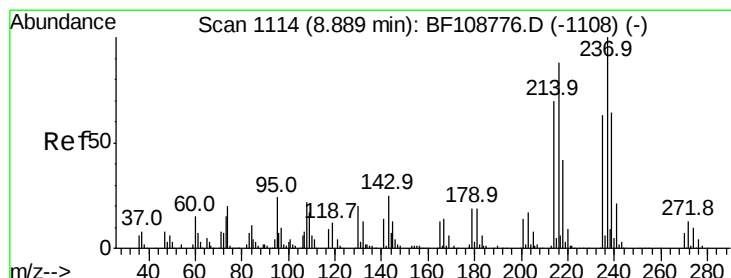
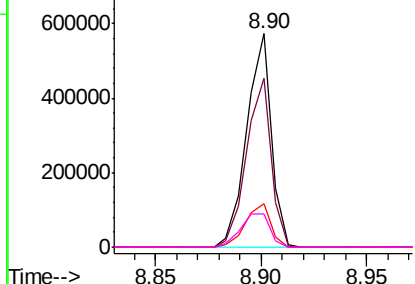
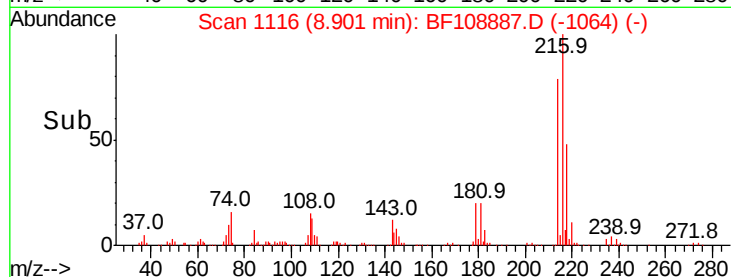
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

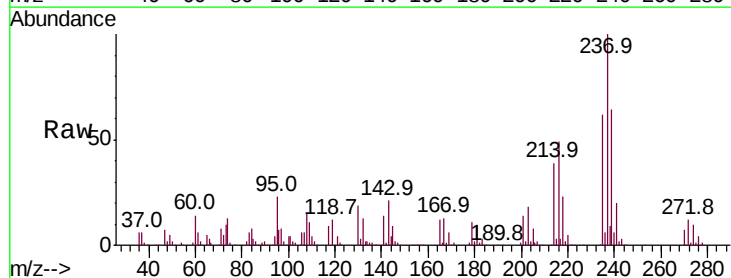
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 39.684 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	223617		
235	61.7	44.8	84.8	
272	12.3	0.0	33.3	

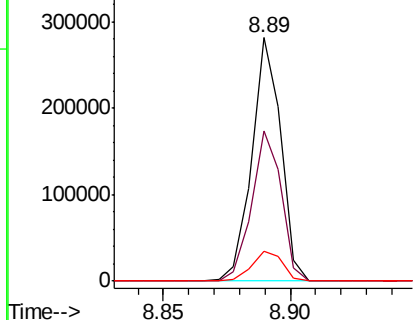
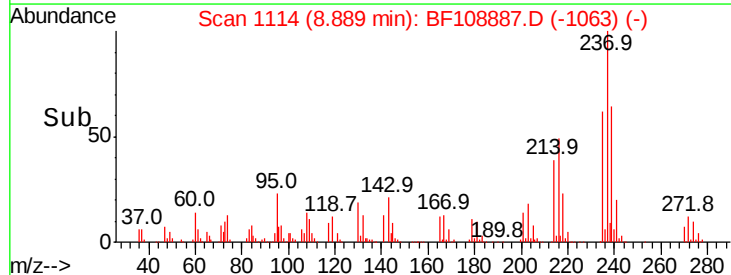


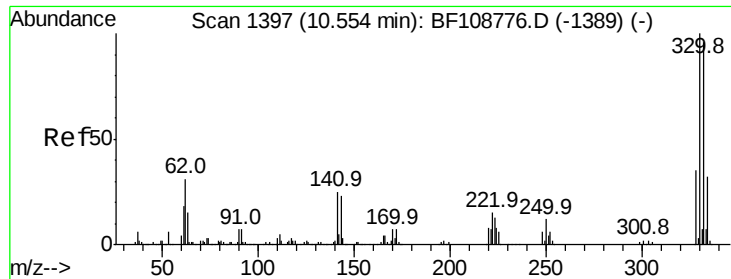
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 85.071 ng

RT: 10.55 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_F

ClientSampleId :

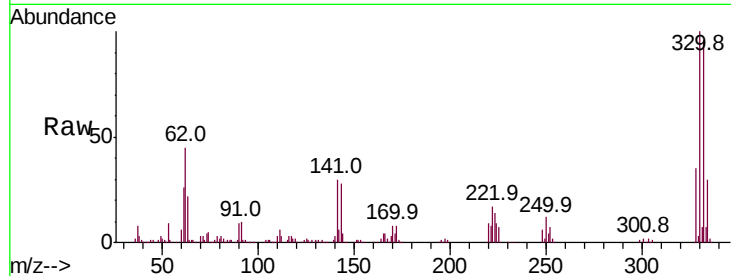
SSTDCCC040

Tot Ion:	330	Resp:	304309
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.0	115.6
141	31.7	29.9	44.9

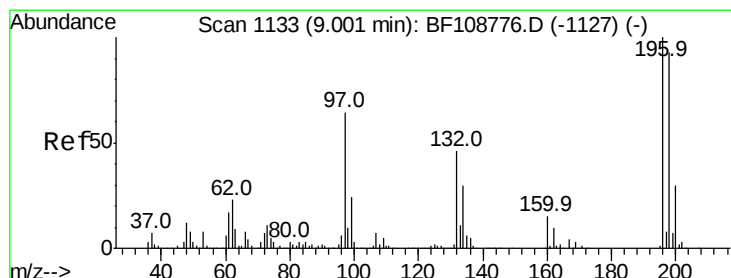
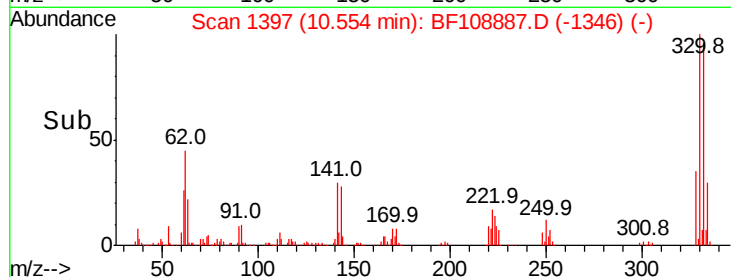
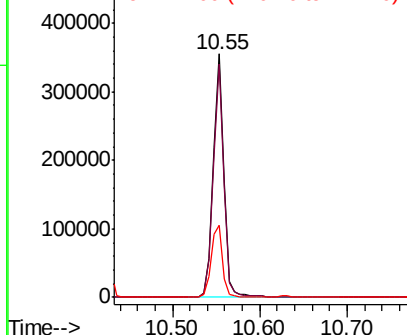
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.543 ng

RT: 9.01 min Scan# 1134

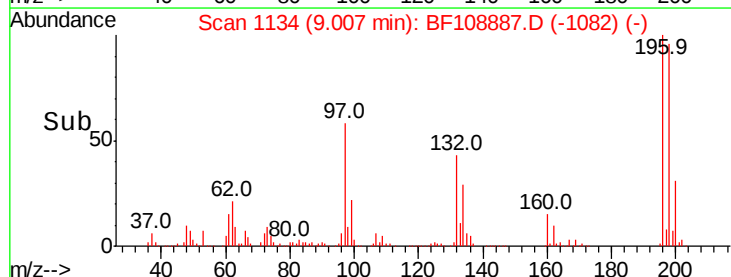
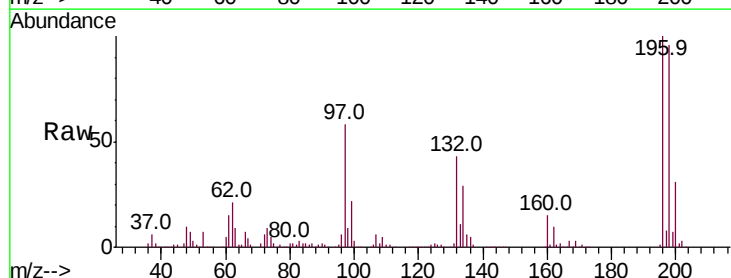
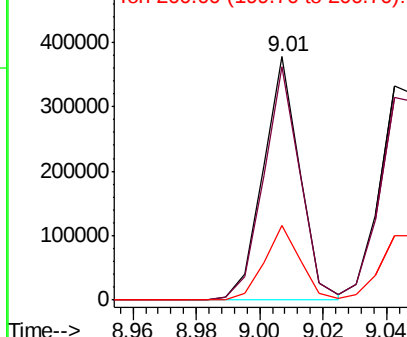
Delta R.T. 0.01 min

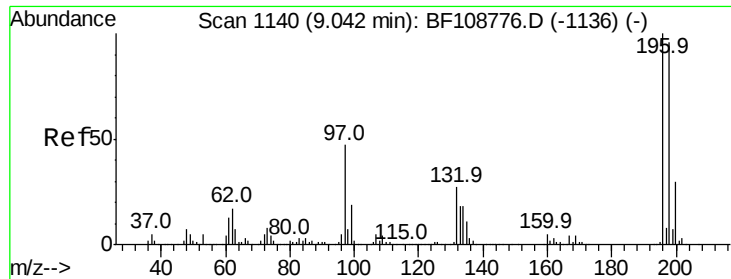
Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Tgt Ion:	196	Resp:	301687
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.7	113.5
200	30.8	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





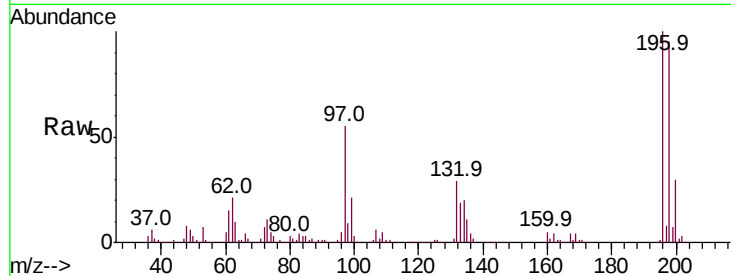
#43
 2,4,5-Trichlorophenol
 Concen: 41.364 ng
 RT: 9.04 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	327119
Ion Ratio	Lower	Upper	
196	100		
198	94.7	74.6	112.0
97	54.8	42.9	64.3
132	29.4	26.3	39.5

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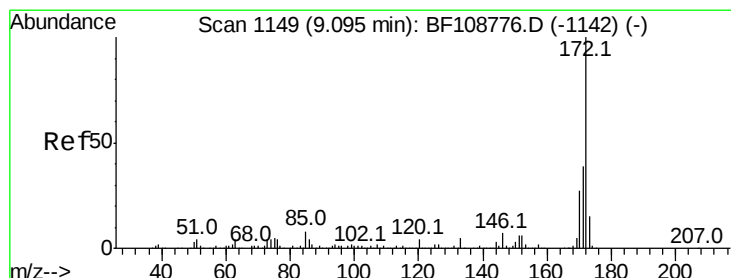
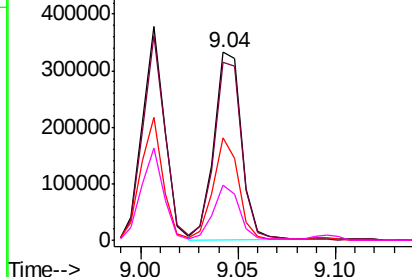
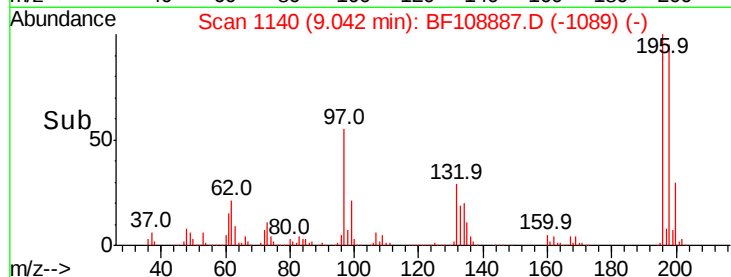
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

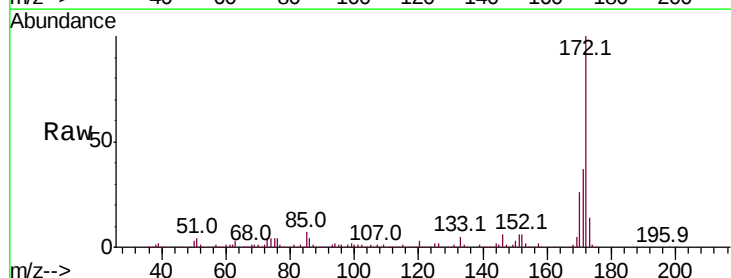
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.534 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	172	Resp	1900638
Ion Ratio	Lower	Upper	
172	100		
171	37.3	29.7	44.5
170	25.6	19.6	29.4

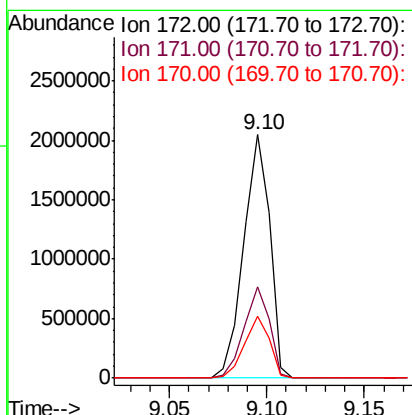
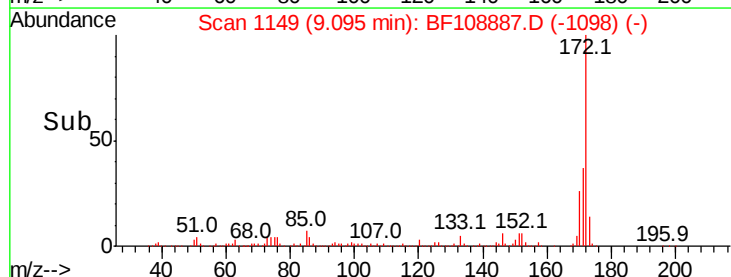


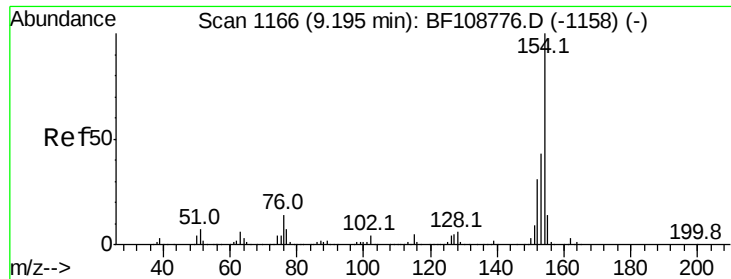
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





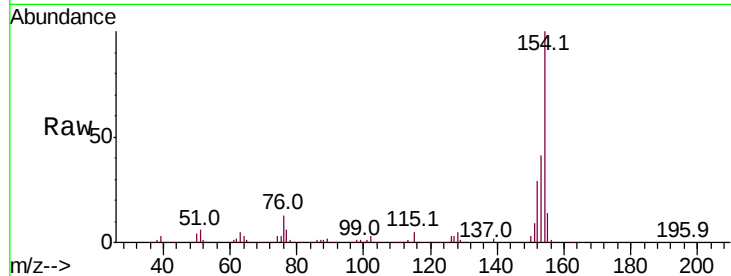
#45
 1,1'-Biphenyl
 Concen: 40.849 ng
 RT: 9.20 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	13.3	0.0	34.0

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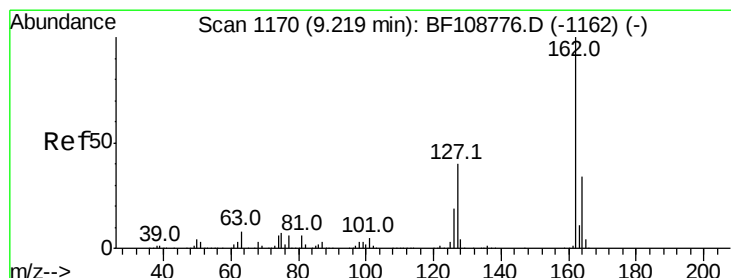
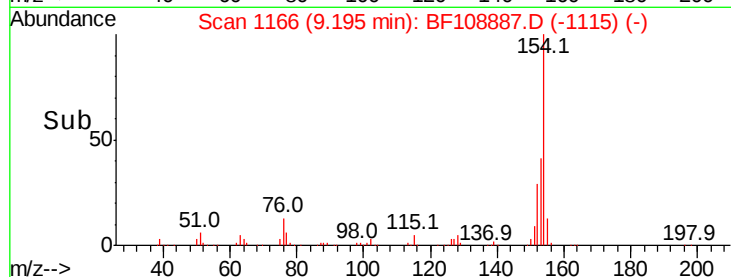
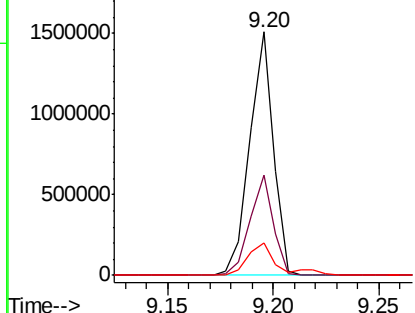


Abundance

Ion 154.00 (153.70 to 154.70): E

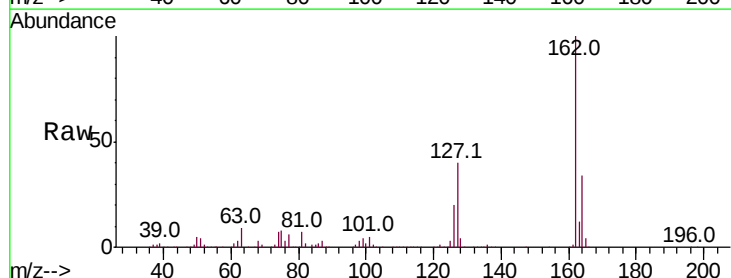
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 40.856 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	33.9	26.5	39.7

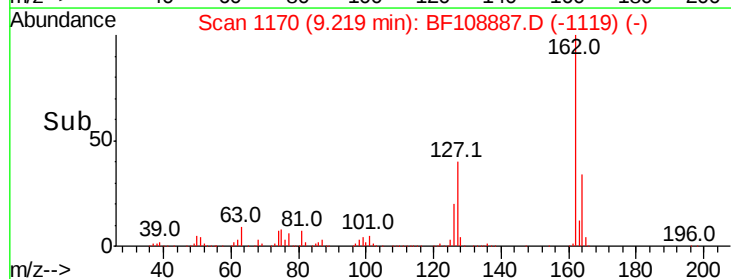
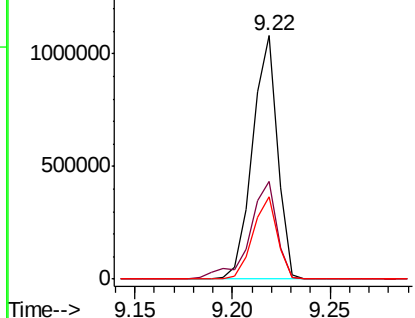


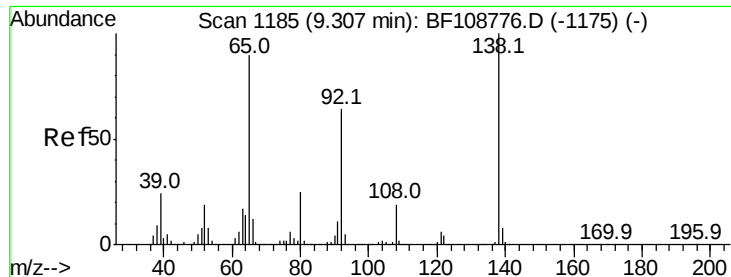
Abundance

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





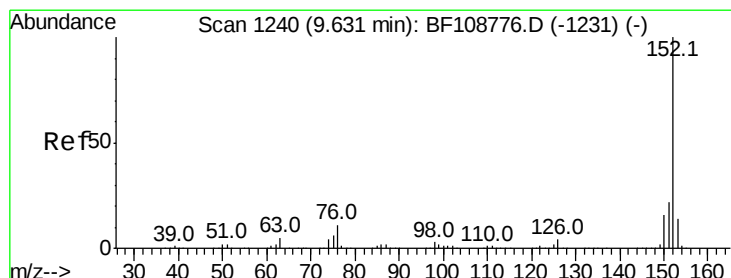
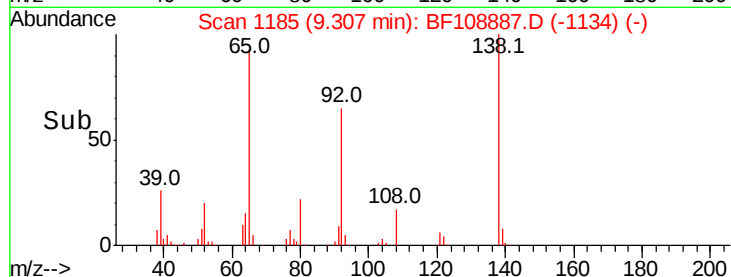
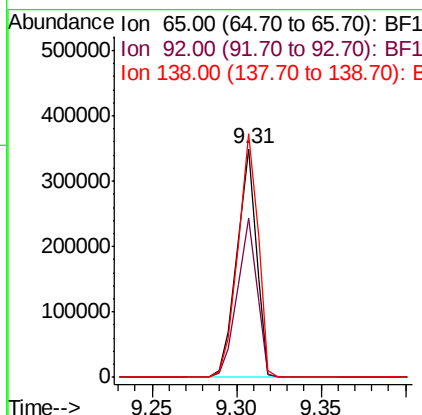
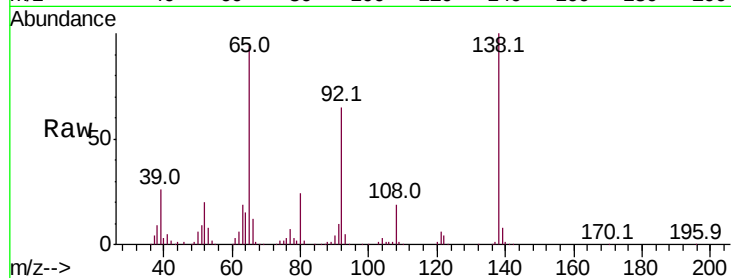
#47
2-Nitroaniline
Concen: 44.163 ng
RT: 9.31 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.7	55.8	83.6
138	106.5	91.2	136.8

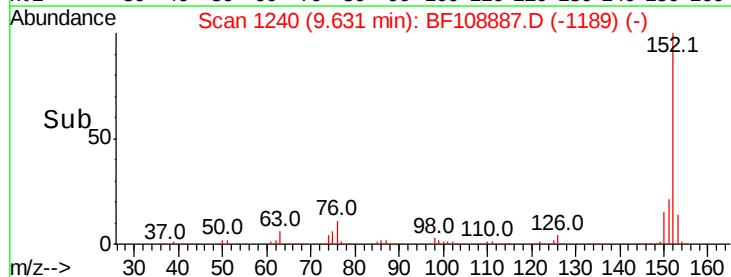
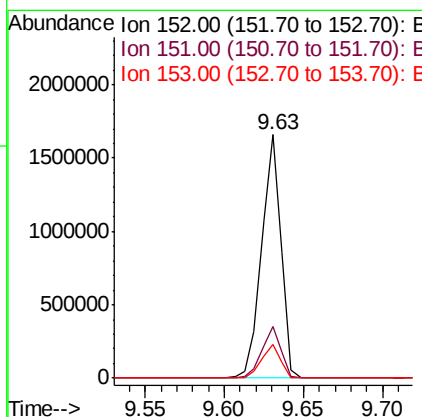
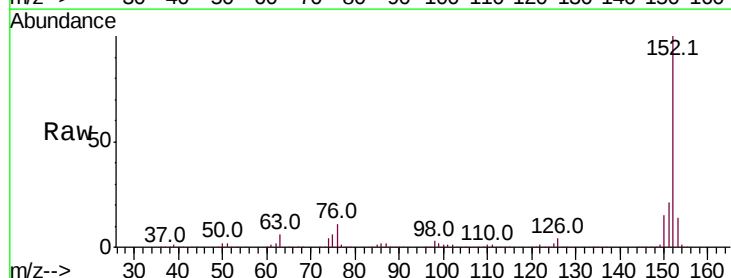
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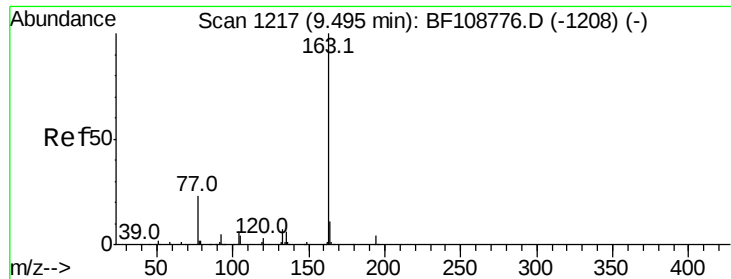
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#48
Acenaphthylene
Concen: 40.914 ng
RT: 9.63 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	13.8	10.7	16.1





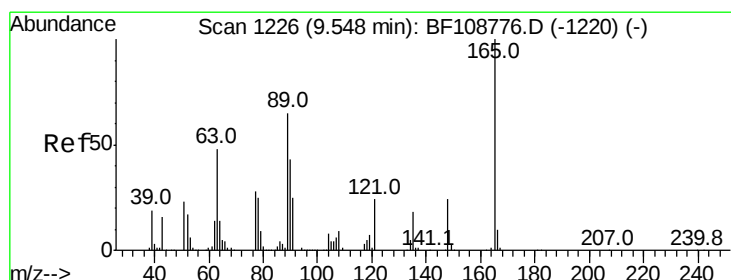
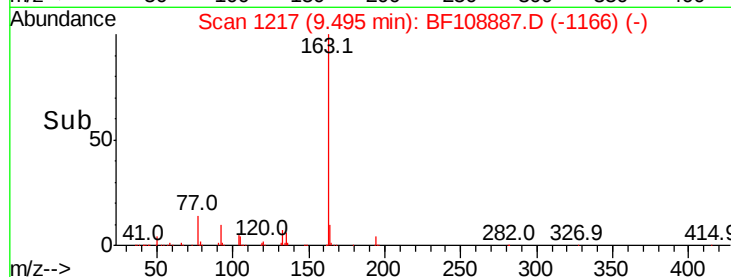
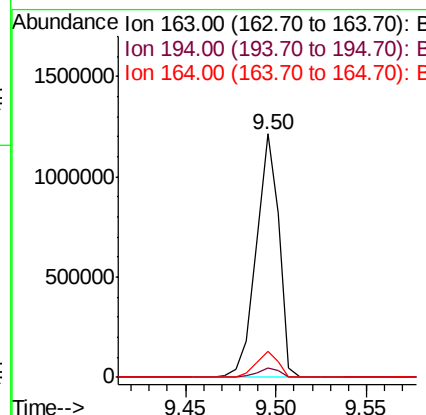
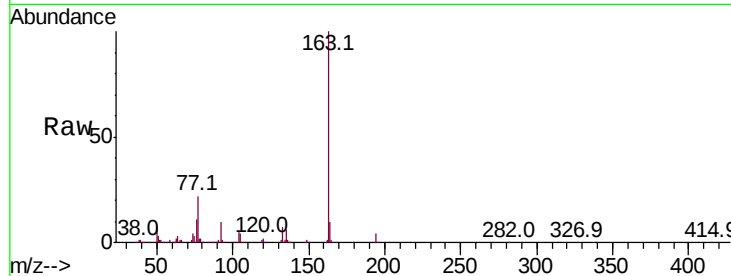
#49
Dimethylphthalate
Concen: 40.050 ng
RT: 9.50 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2

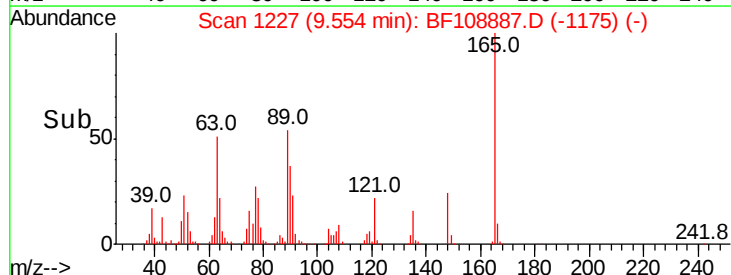
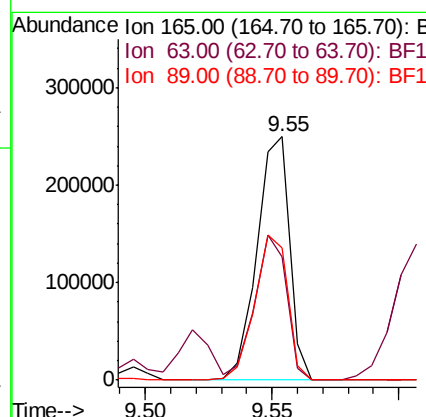
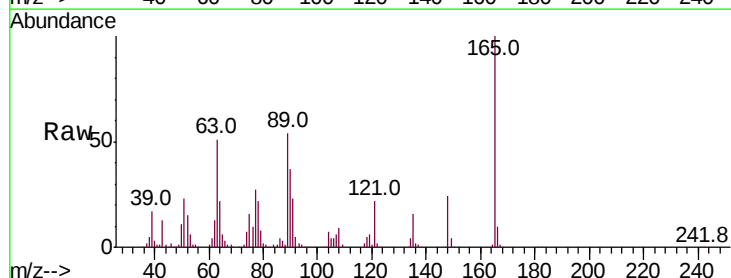
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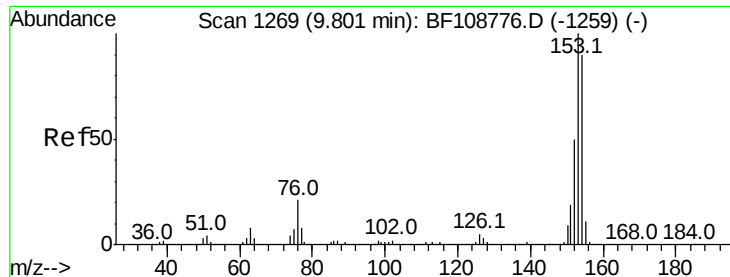
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#50
2,6-Dinitrotoluene
Concen: 44.963 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.7	44.7	67.1
89	54.5	44.0	66.0





#51

Acenaphthene

Concen: 40.624 ng

RT: 9.80 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_F

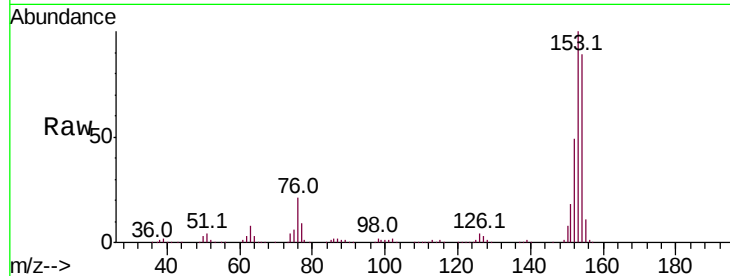
ClientSampleId :

SSTDCCC040

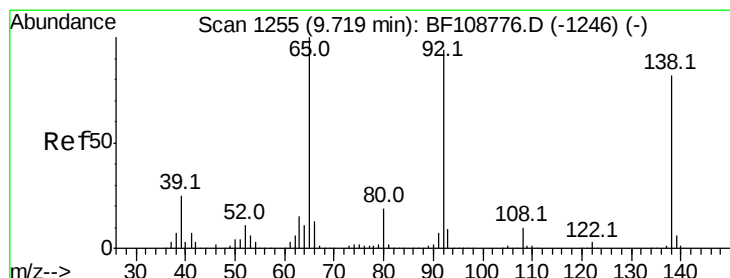
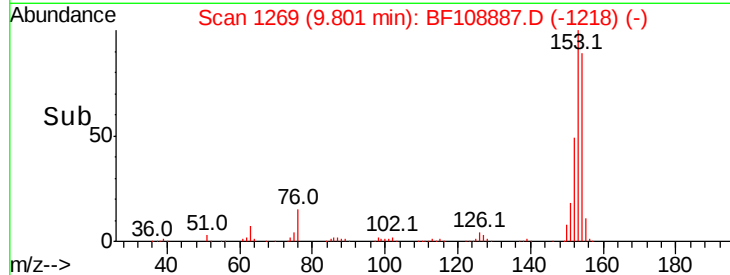
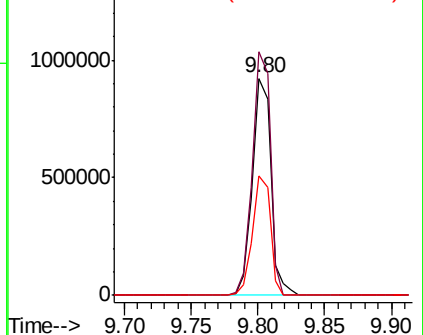
Tot Ion:	154	Resp:	874221
Ion Ratio	Lower	Upper	
154	100		
153	112.3	91.2	136.8
152	54.9	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.461 ng

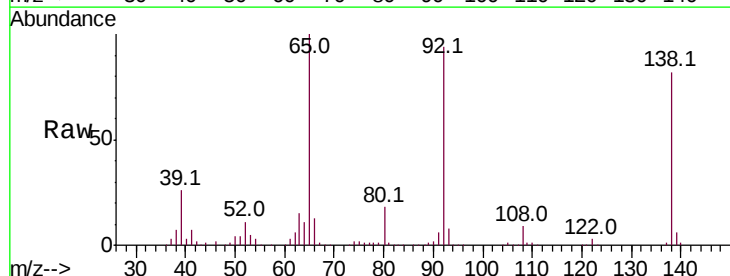
RT: 9.72 min Scan# 1255

Delta R.T. 0.00 min

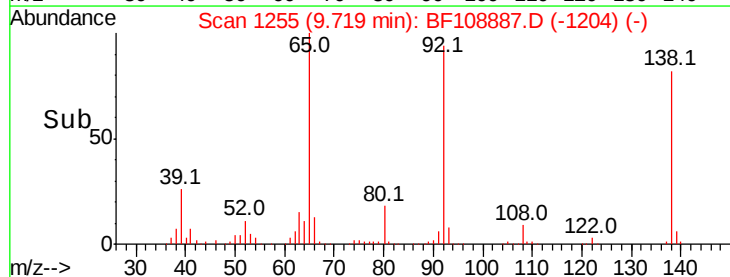
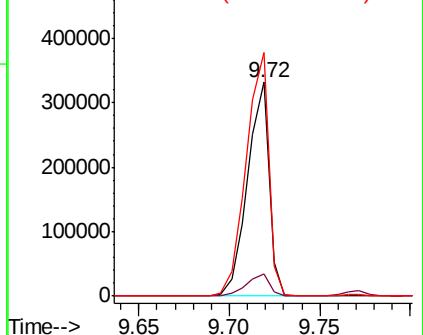
Lab File: BF108887.D

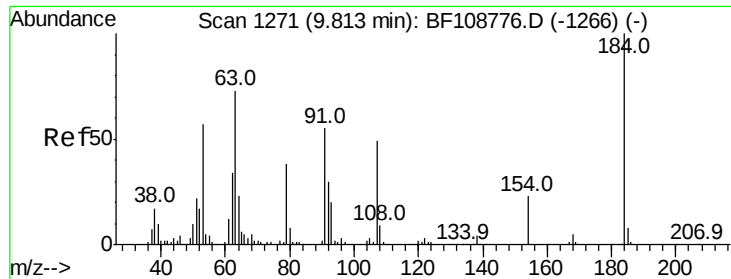
Acq: 10 Sep 2018 12:37

Tgt Ion:	138	Resp:	276193
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	113.9	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





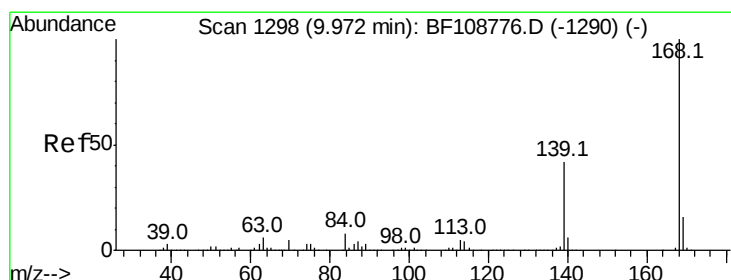
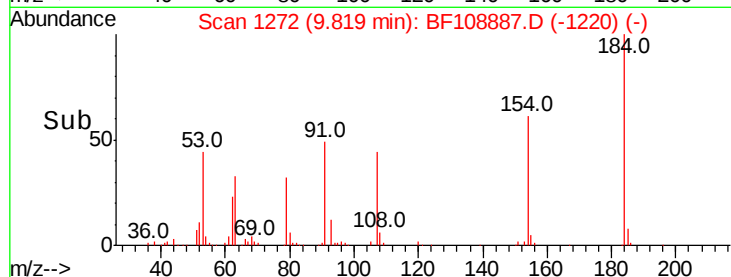
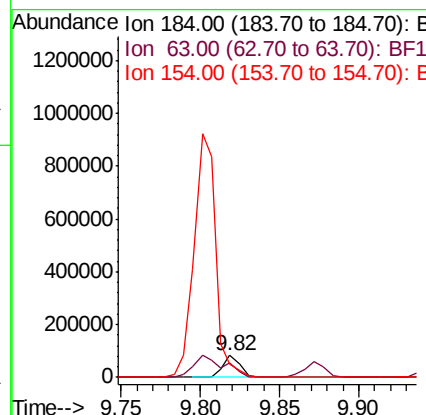
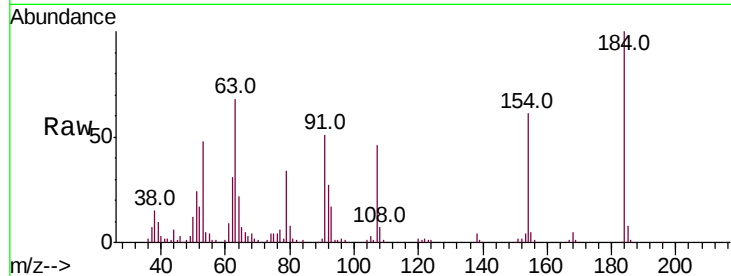
#53
 2,4-Dinitrophenol
 Concen: 39.725 ng
 RT: 9.82 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.7	54.2	81.2
154	61.2	184.0	276.0#

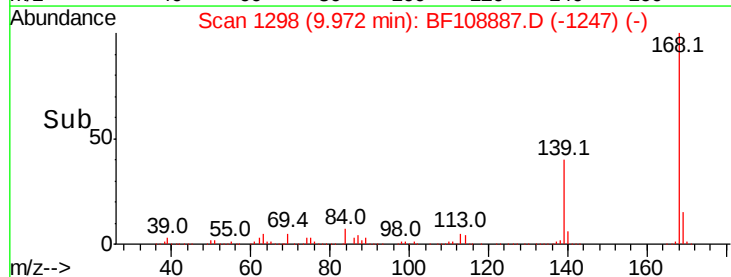
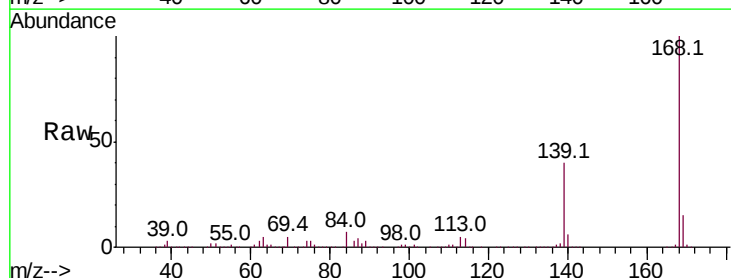
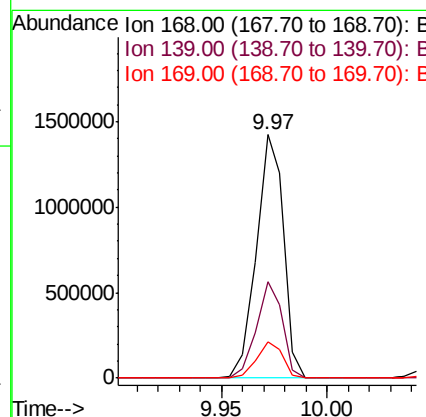
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#54
 Dibenzofuran
 Concen: 40.527 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.1	45.1
169	14.9	10.9	16.3





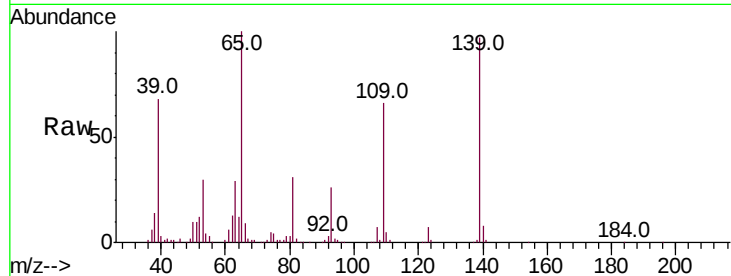
#55
4-Nitrophenol
Concen: 42.523 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.2	48.4	88.4	
65	103.0	72.6	112.6	

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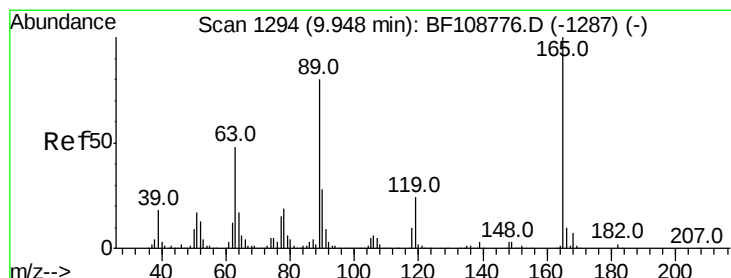
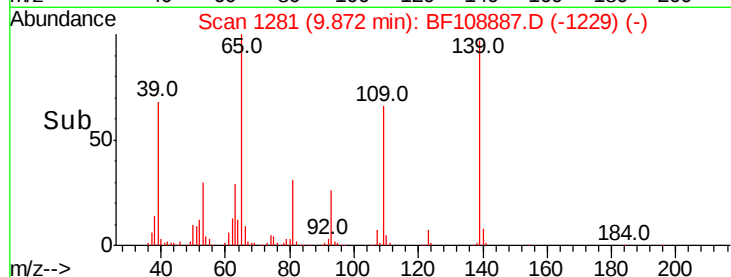
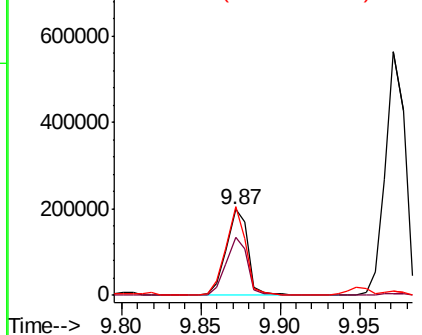


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 45.698 ng
RT: 9.95 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.3	36.4	54.6	
89	68.9	57.8	86.6	
182	2.4	1.6	2.4#	

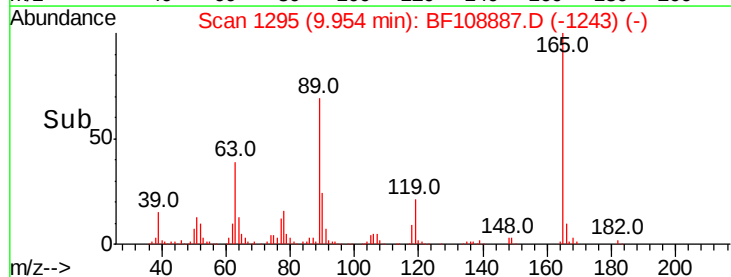
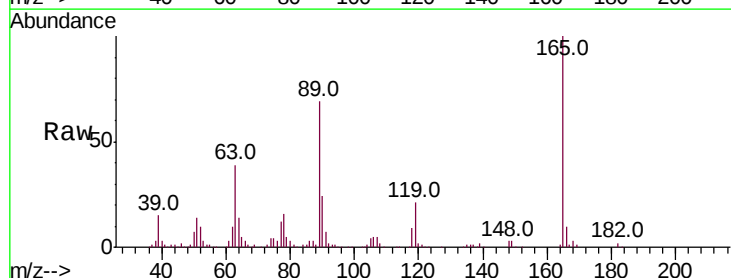
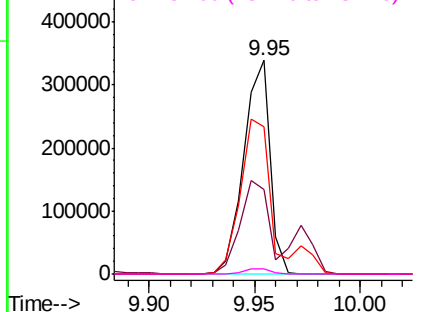
Abundance

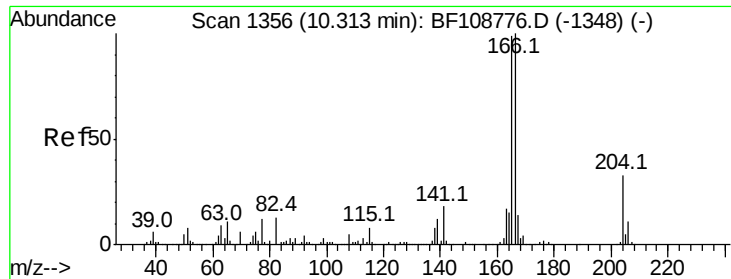
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





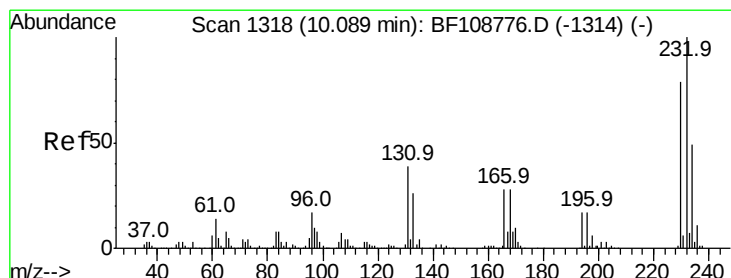
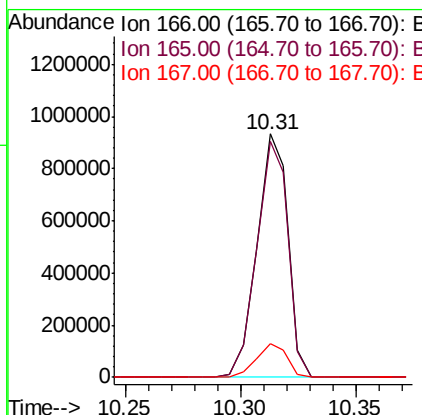
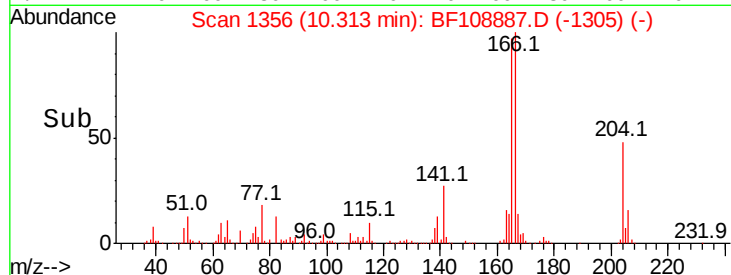
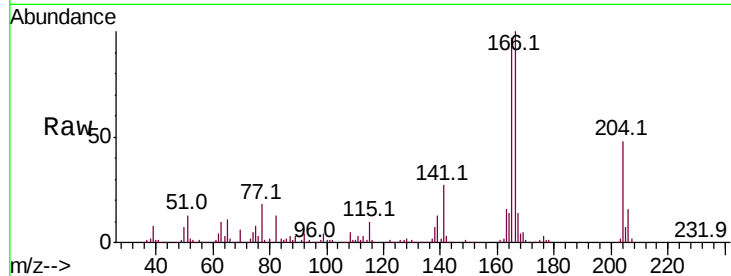
#57
Fluorene
 Concen: 43.382 ng
 RT: 10.31 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.8	119.8
167	13.7	10.6	16.0

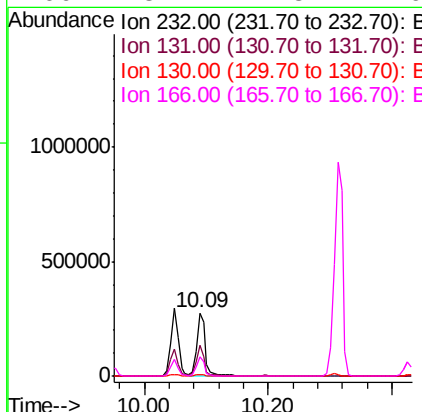
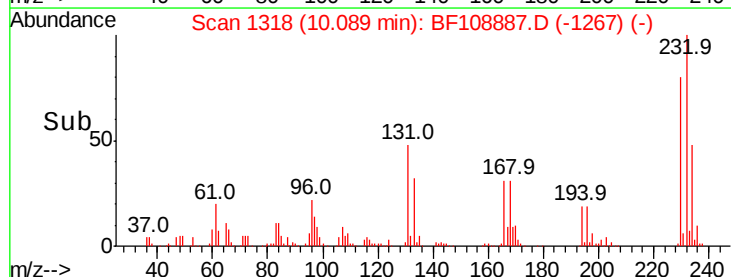
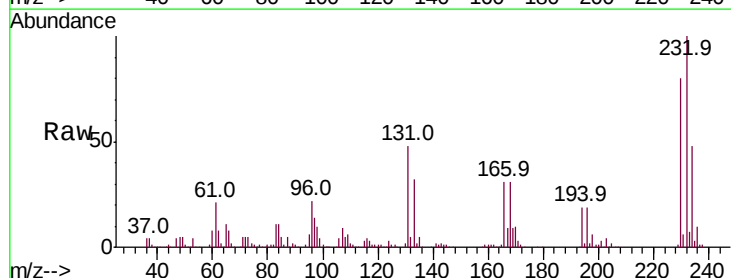
Manual Integrations
 APPROVED

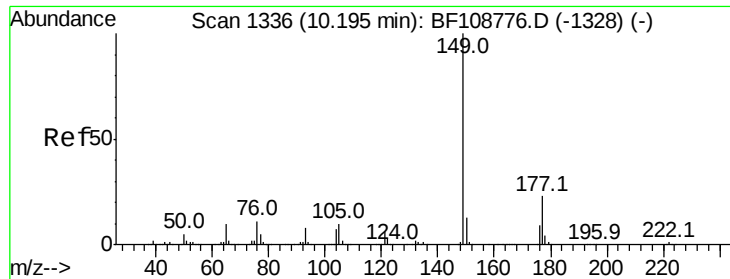
Sohil
 9/11/2018 9:25:47 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.400 ng
 RT: 10.09 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
232	100		
231	42.5	43.8	65.8#
130	2.3	2.1	3.1
166	28.4	27.8	41.6





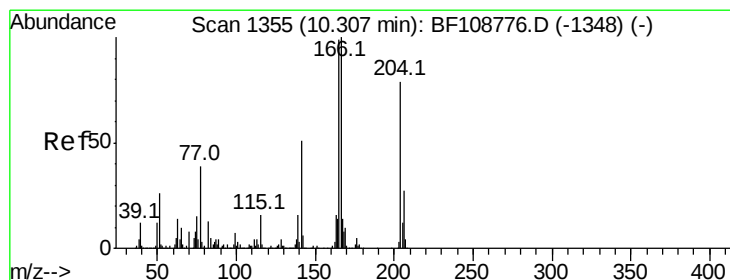
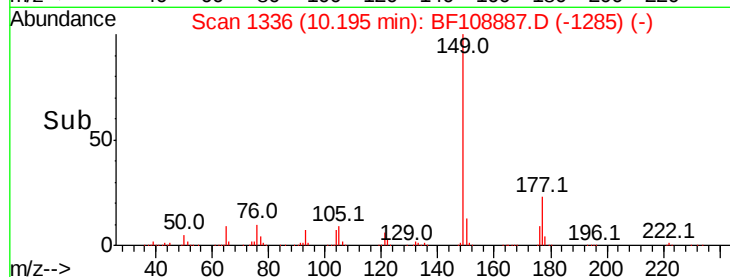
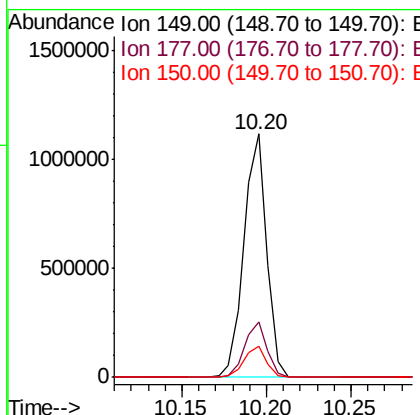
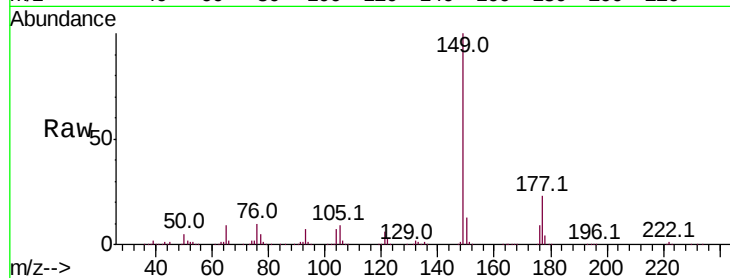
#59
Diethylphthalate
Concen: 38.700 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	16.1	24.1
150	12.7	10.1	15.1

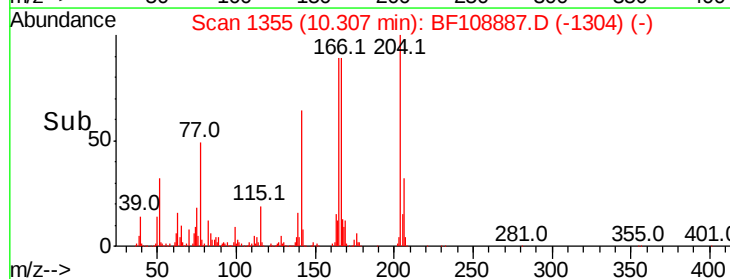
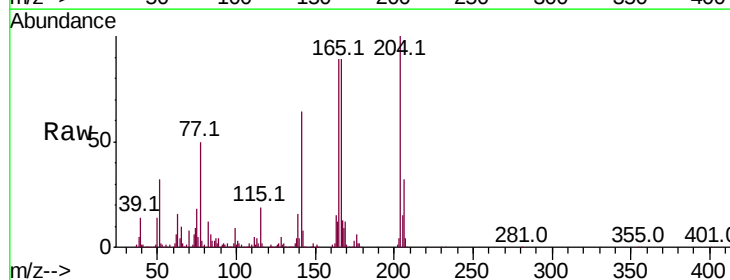
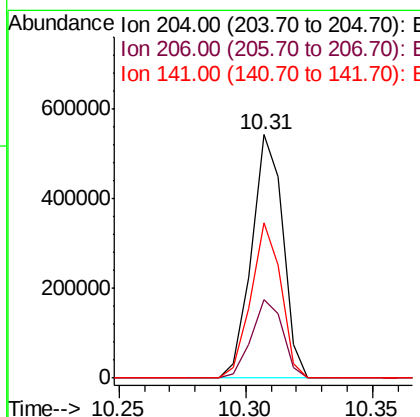
Manual Integrations
APPROVED

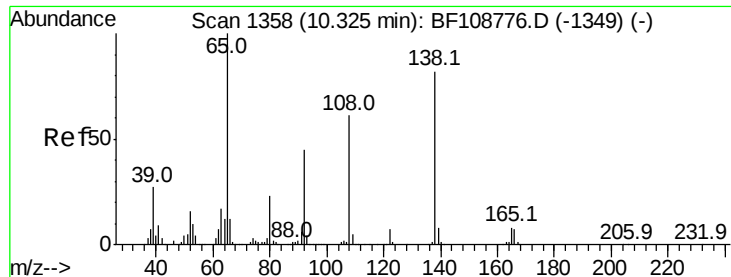
Sohil
9/11/2018 9:25:47 AM



#60
4-Chlorophenyl-phenylether
Concen: 43.484 ng
RT: 10.31 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	63.6	54.6	81.8





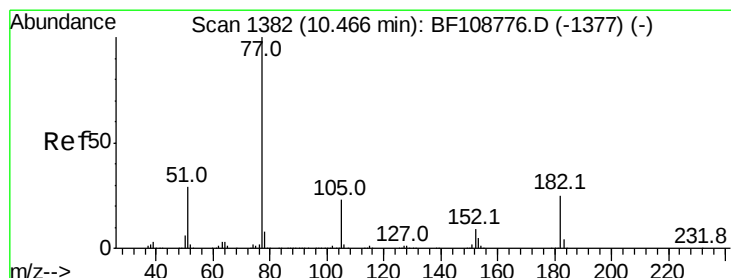
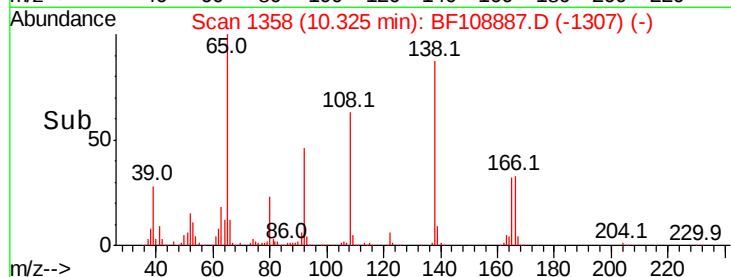
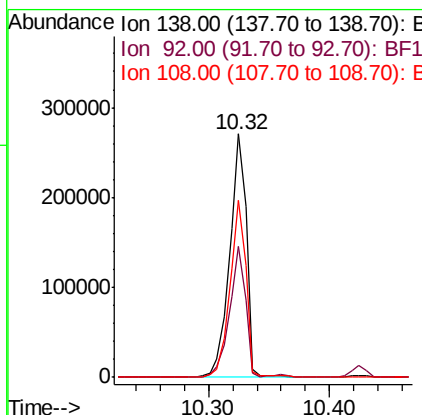
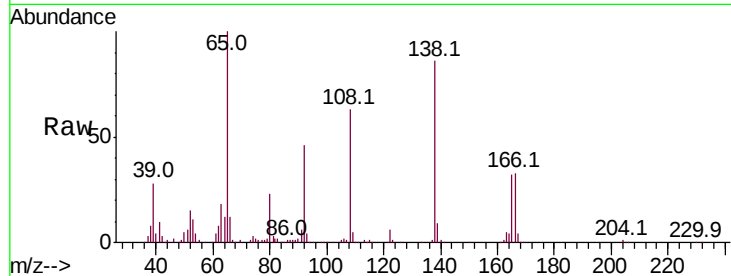
#61
4-Nitroaniline
Concen: 48.427 ng
RT: 10.32 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.7	30.2	70.2
108	72.9	52.5	92.5

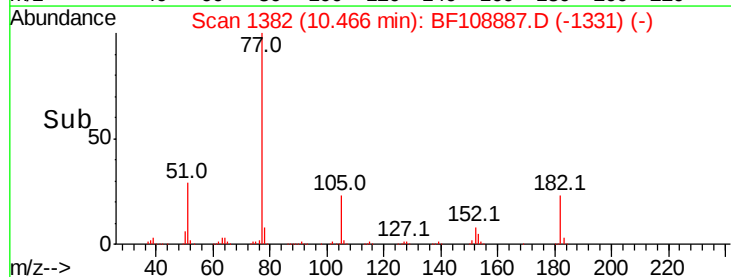
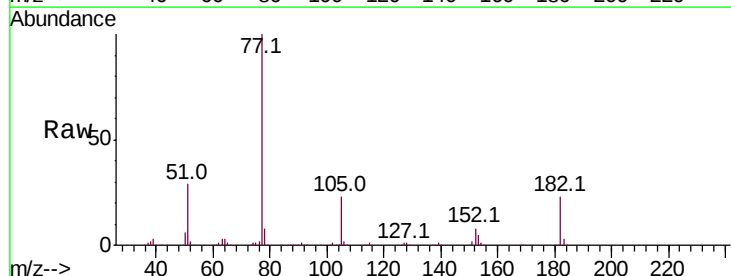
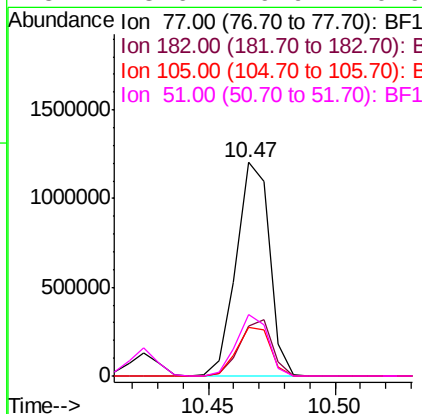
Manual Integrations
APPROVED

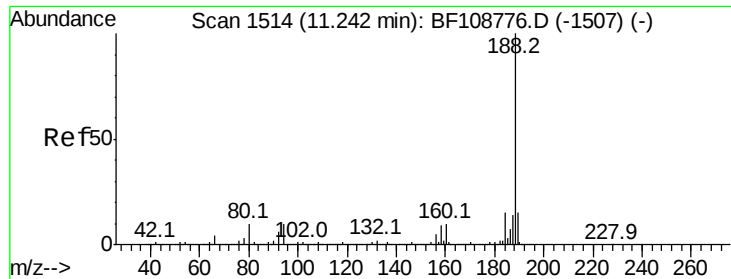
Sohil
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#62
Azobenzene
Concen: 39.280 ng
RT: 10.47 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.4	1.7	41.7
105	22.6	3.0	43.0
51	28.6	9.9	49.9





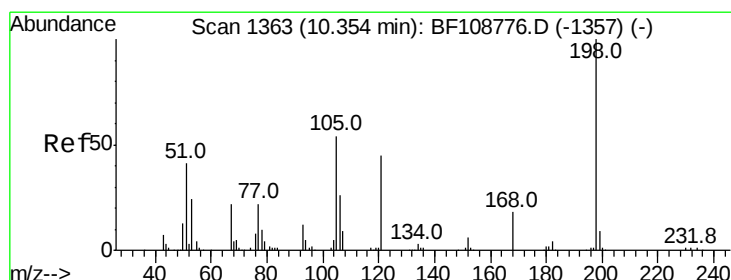
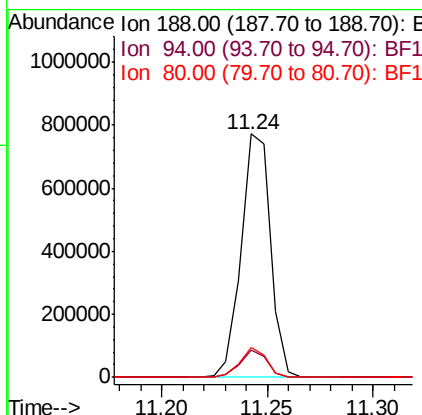
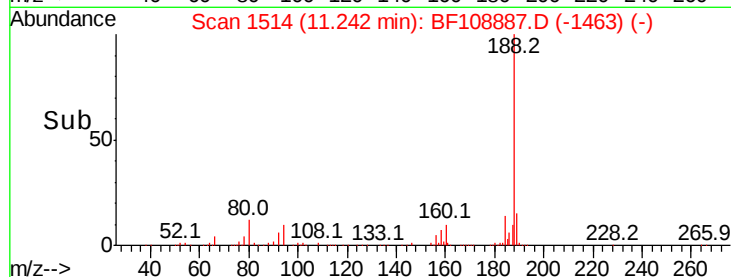
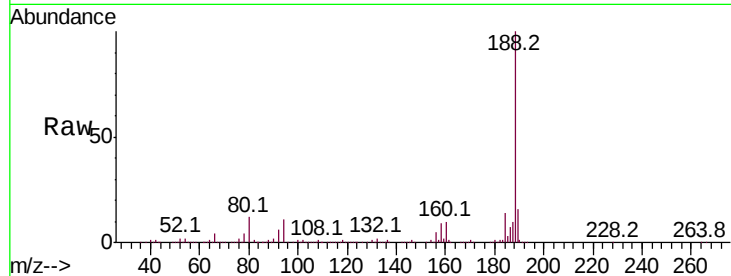
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	740081		
94	11.3		8.5	12.7
80	12.2		9.2	13.8

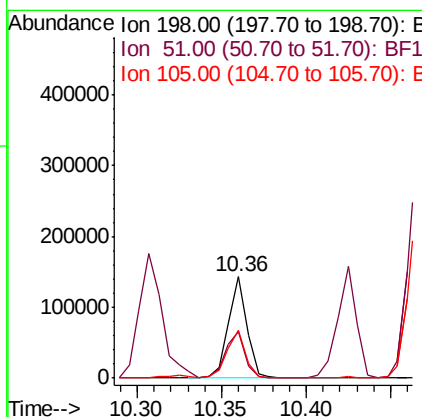
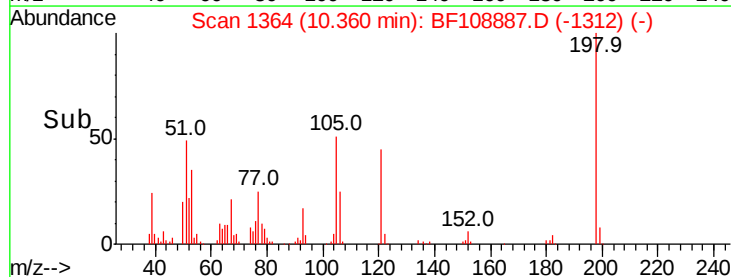
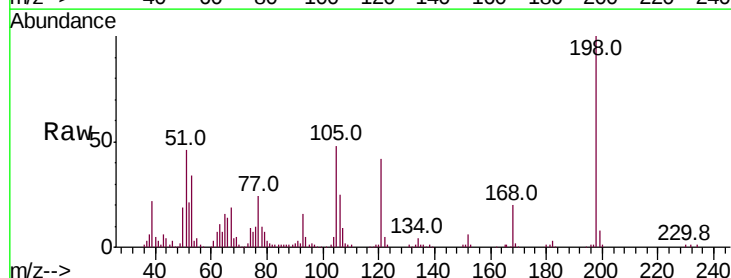
Manual Integrations
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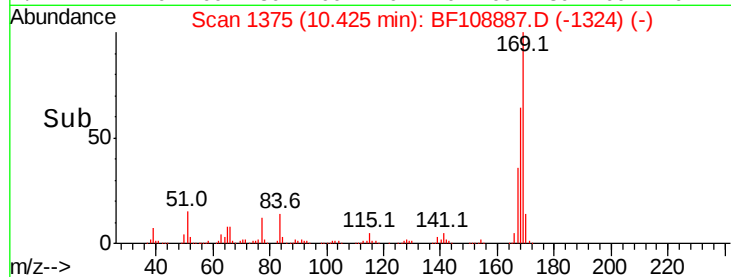
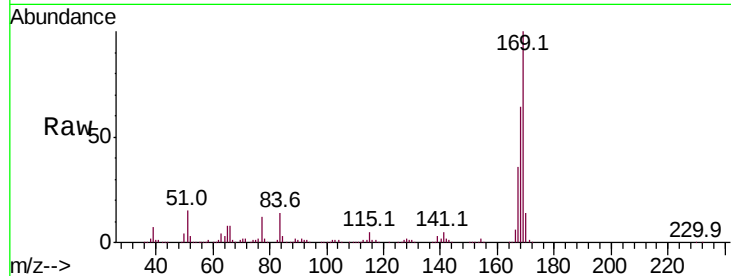
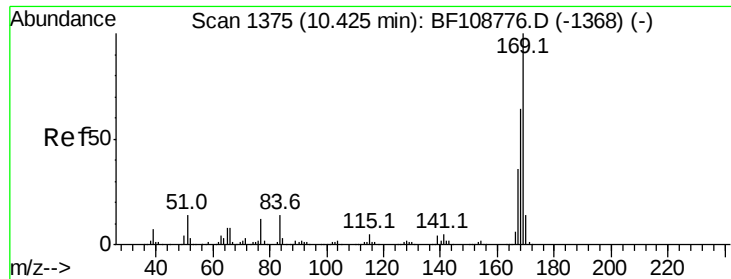
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.787 ng
RT: 10.36 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	108408		
51	46.5		37.7	77.7
105	47.6		36.3	76.3





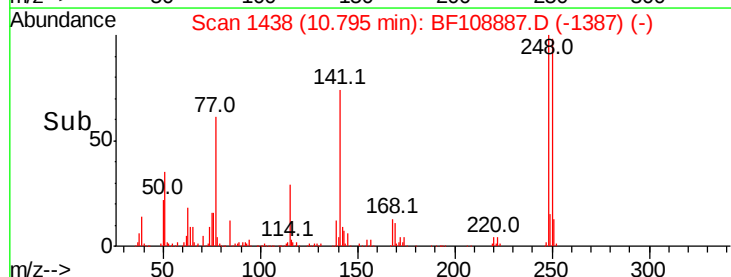
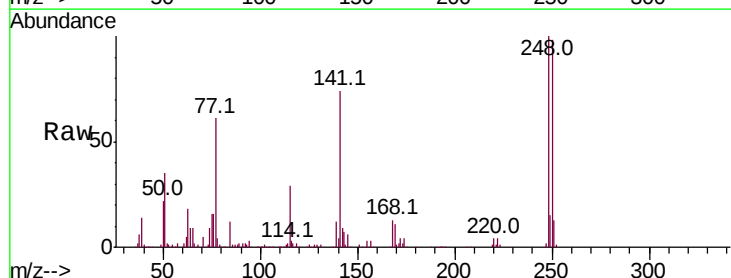
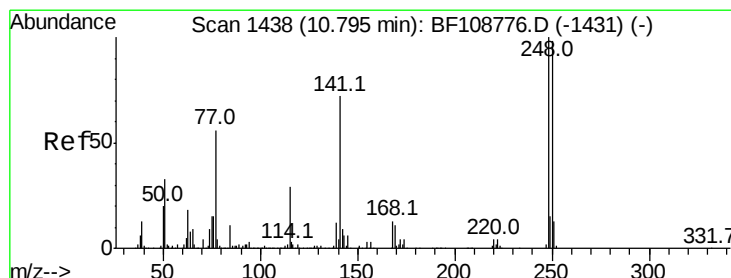
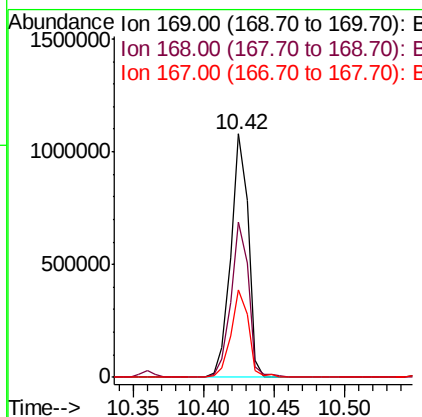
#65
n-Nitrosodiphenylamine
Concen: 37.761 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.9	54.4	81.6	
167	35.9	29.8	44.6	

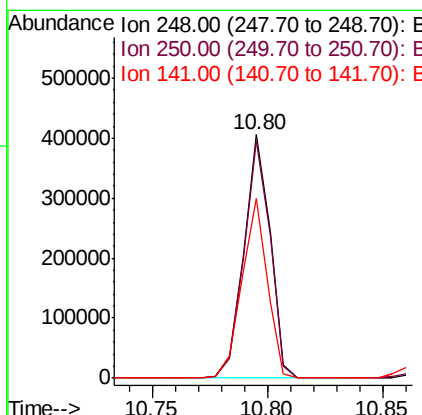
Manual Integrations
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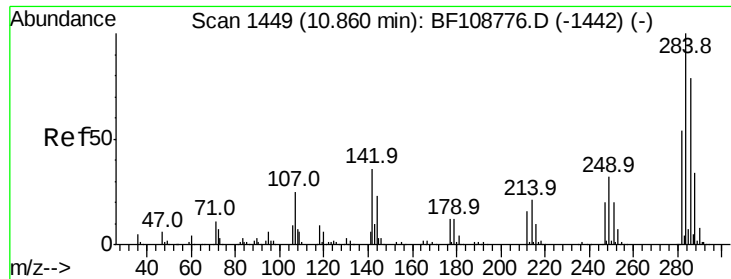
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 38.673 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.7	76.9	115.3	
141	73.7	74.4	111.6#	





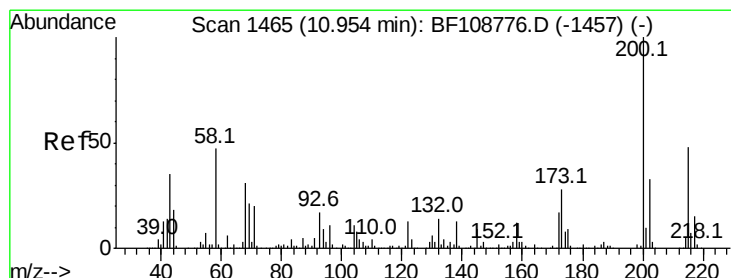
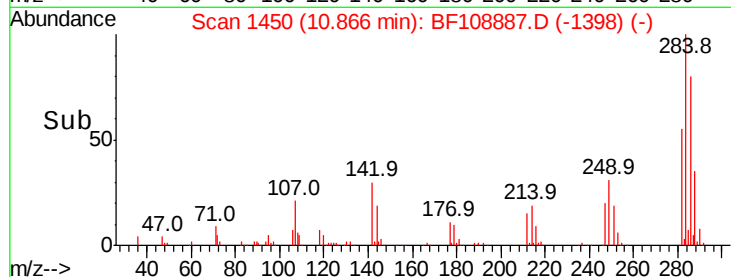
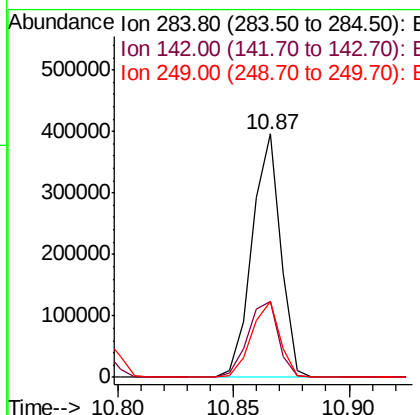
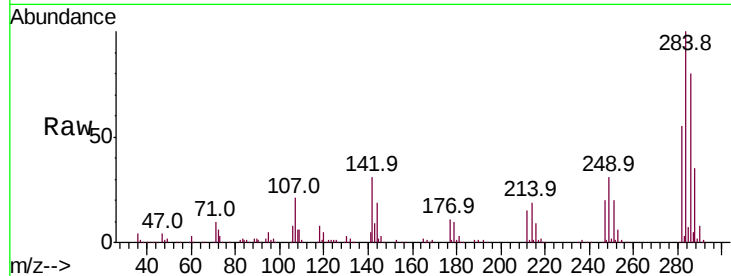
#67
Hexachlorobenzene
Concen: 38.431 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.3	34.6	52.0	
249	31.3	24.8	37.2	

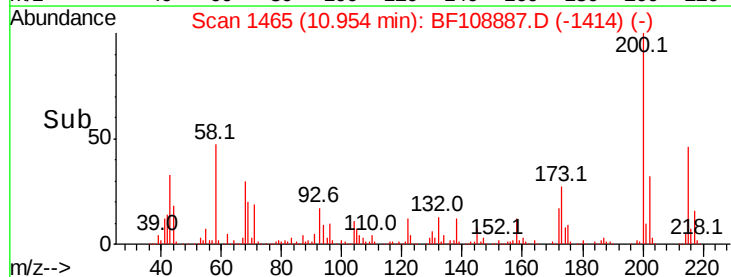
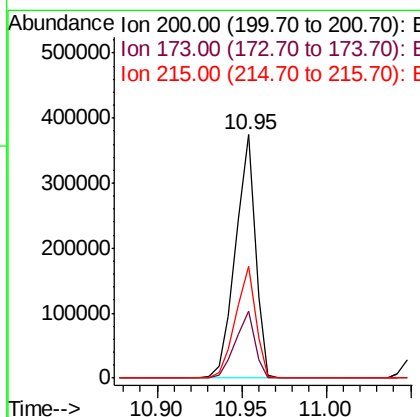
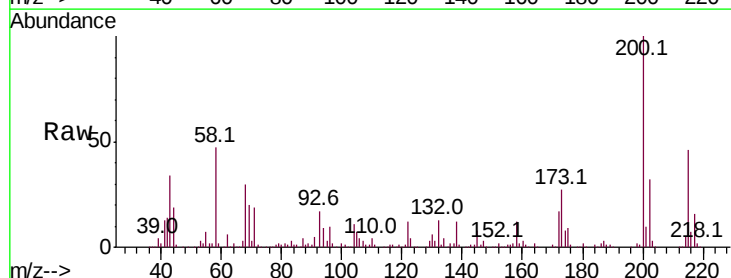
Manual Integrations
APPROVED

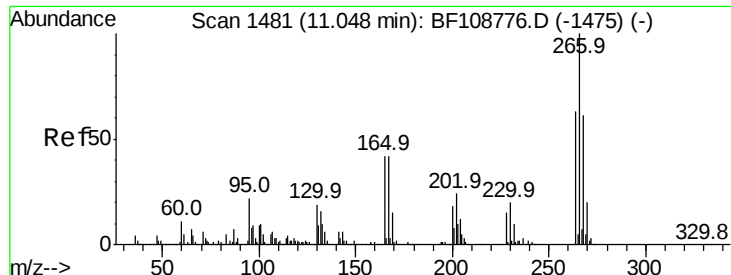
Sohil
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#68
Atrazine
Concen: 38.781 ng
RT: 10.95 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.4	8.6	48.6	
215	45.7	25.1	65.1	





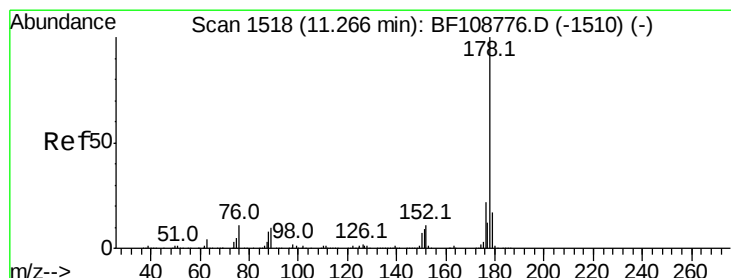
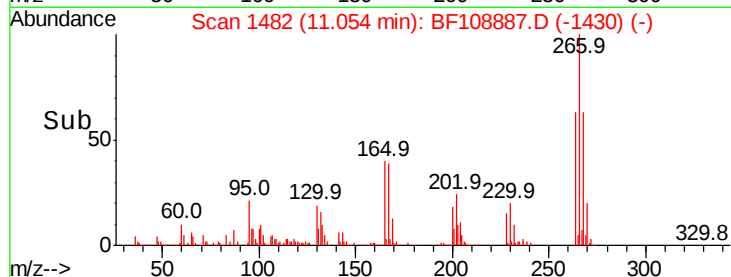
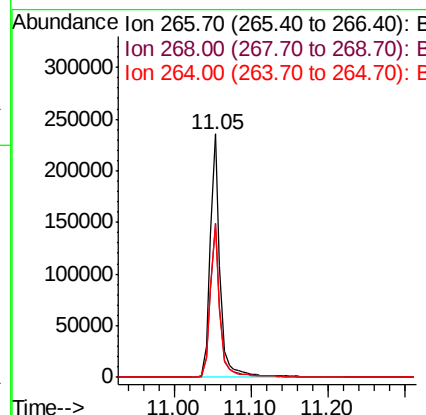
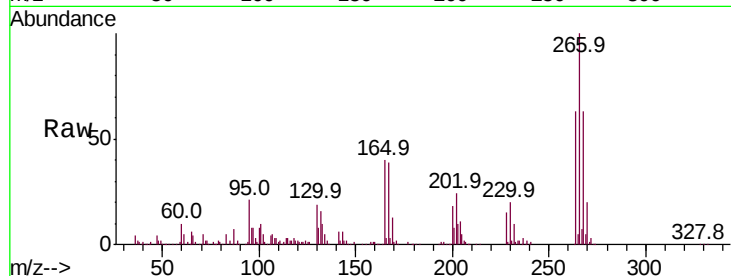
#69
 Pentachlorophenol
 Concen: 38.904 ng
 RT: 11.05 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	212236		
268	63.4	51.1	76.7	
264	62.5	49.5	74.3	

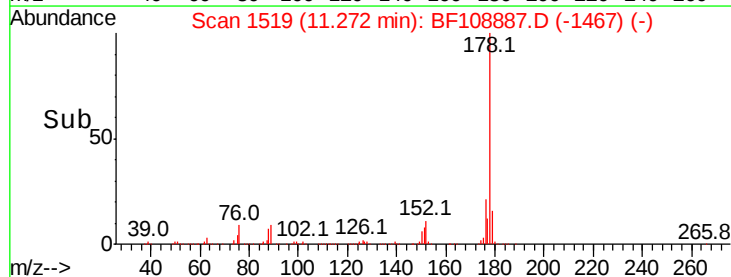
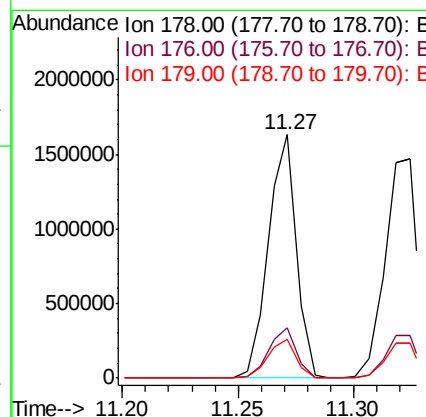
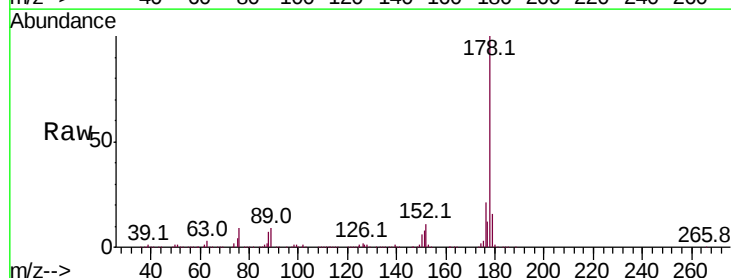
Manual Integrations
 APPROVED

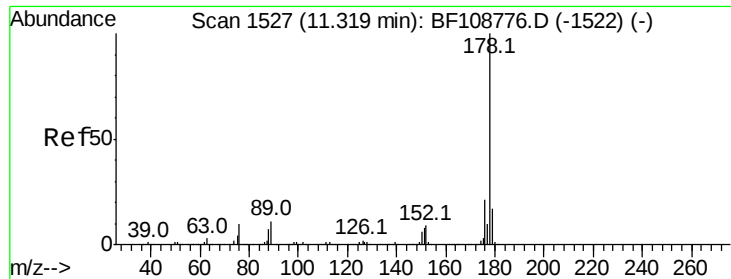
Sohil
 9/11/2018 9:25:47 AM



#70
 Phenanthrene
 Concen: 39.019 ng
 RT: 11.27 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1379007		
176	20.9	15.8	23.8	
179	16.0	13.0	19.6	





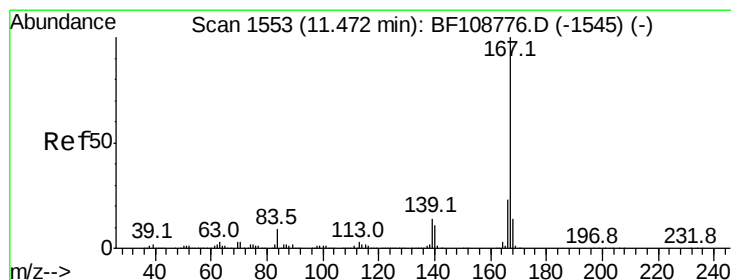
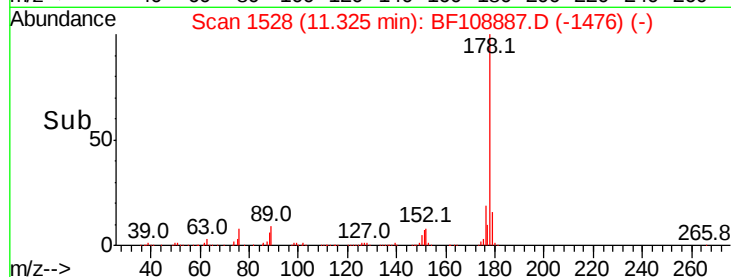
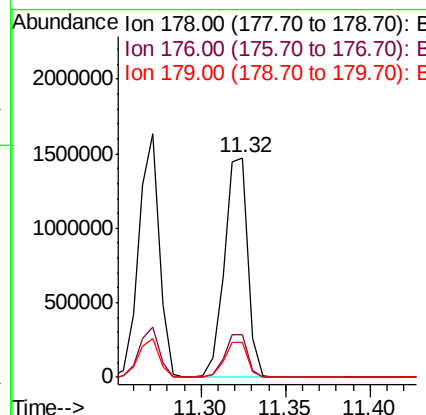
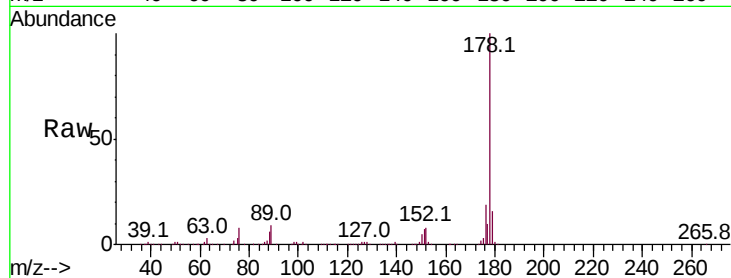
#71
 Anthracene
 Concen: 41.759 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1413040
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.7 12.6 19.0

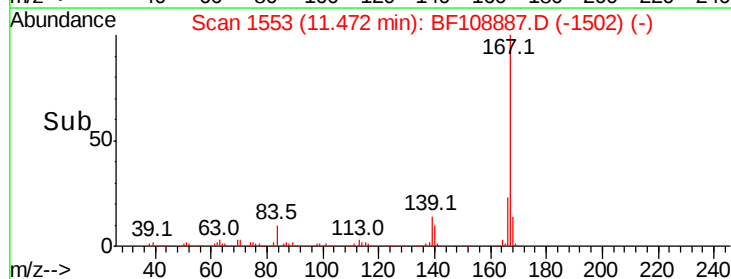
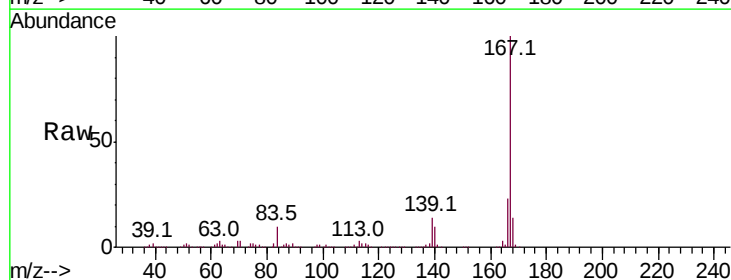
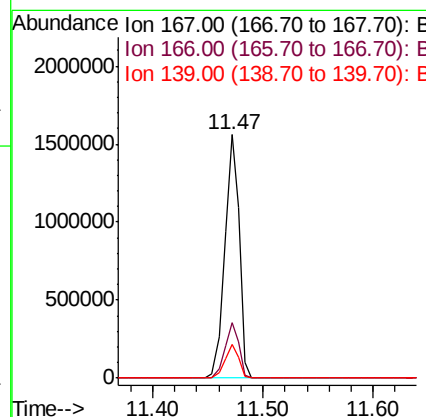
Manual Integrations
 APPROVED

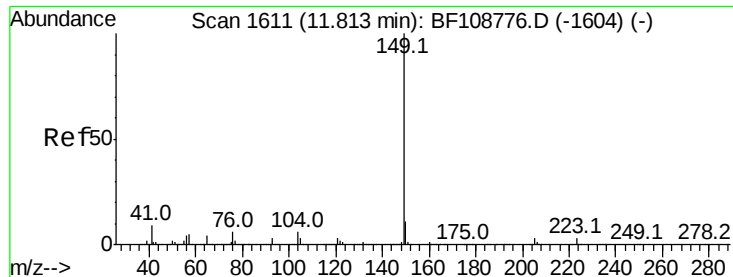
Sohil
 9/11/2018 9:25:47 AM



#72
 Carbazole
 Concen: 39.796 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion:167 Resp: 1418178
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.7 10.9 16.3





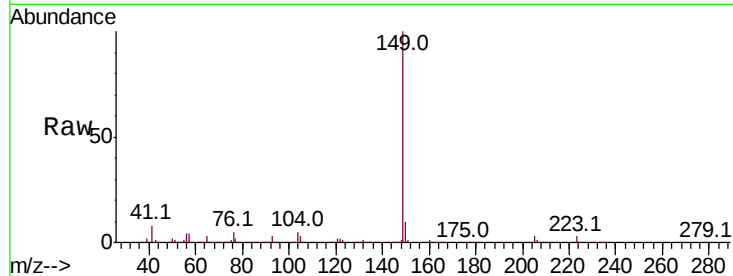
#73
Di-n-butylphthalate
Concen: 40.405 ng
RT: 11.81 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	5.3	3.8	5.8

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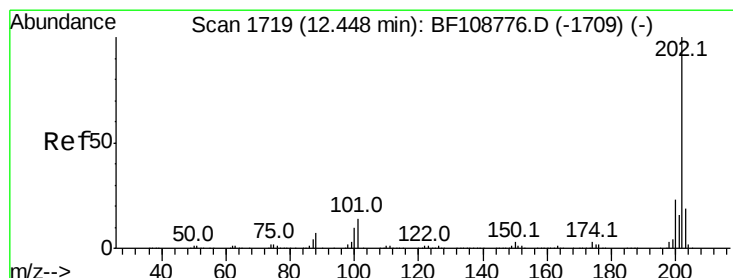
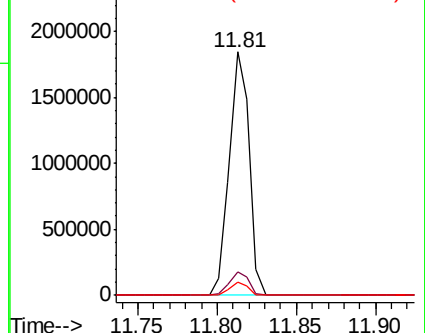
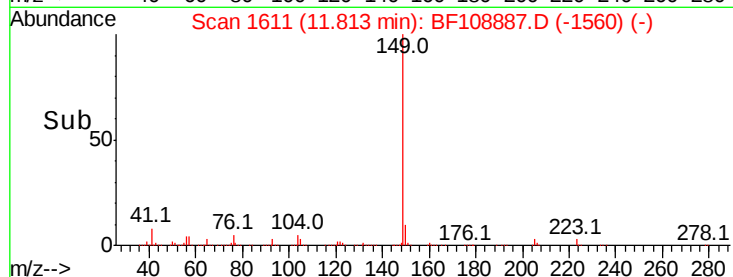


Abundance

Ion 149.00 (148.70 to 149.70): E

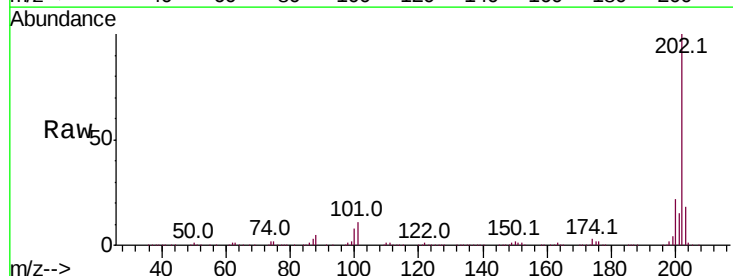
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74
Fluoranthene
Concen: 41.509 ng
RT: 12.45 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	18.0	0.0	38.1

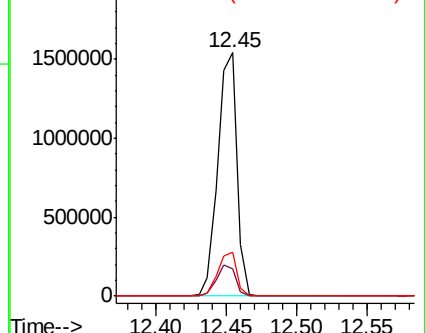
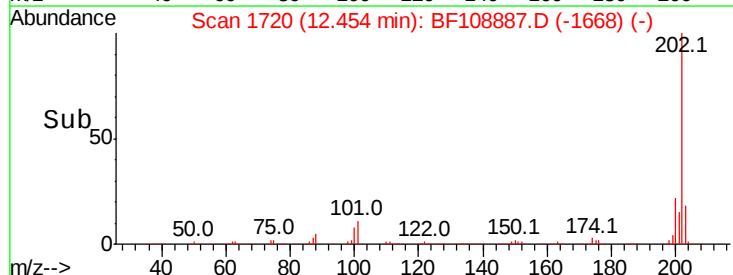


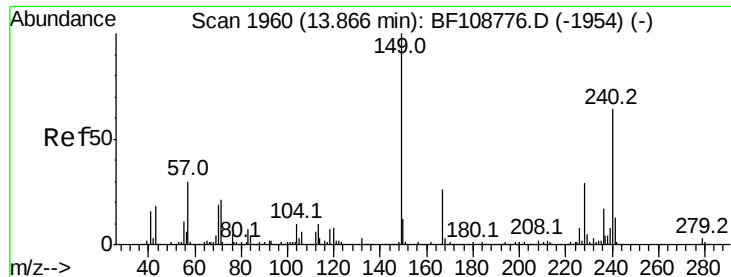
Abundance

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: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_F

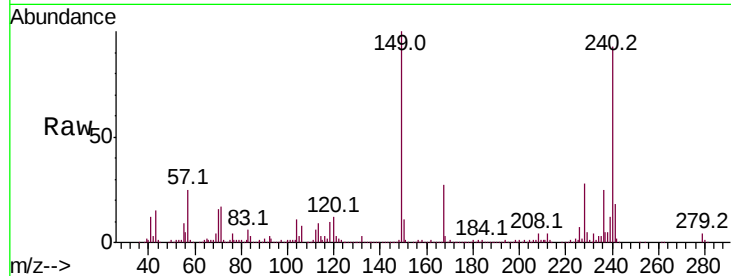
ClientSampleId :

SSTDCCC040

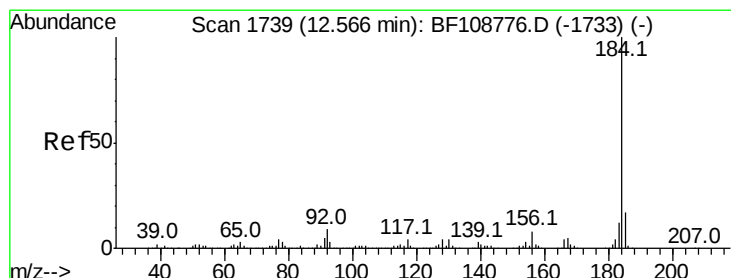
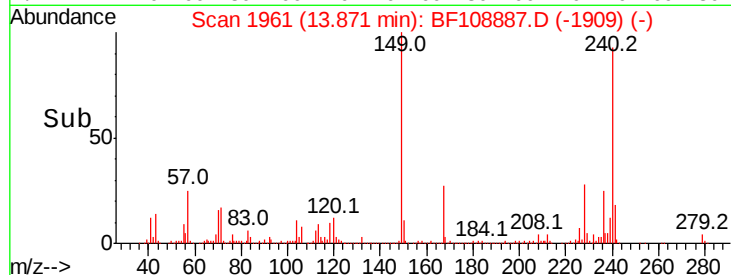
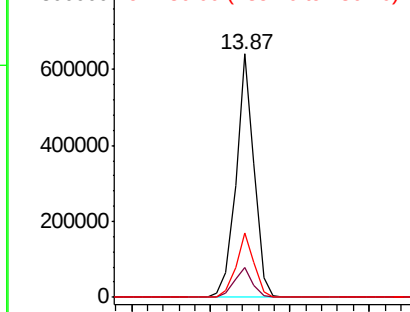
Tot Ion:	240	Resp:	503208
Ion Ratio	Lower	Upper	
240	100		
120	12.5	9.5	14.3
236	26.6	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.196 ng

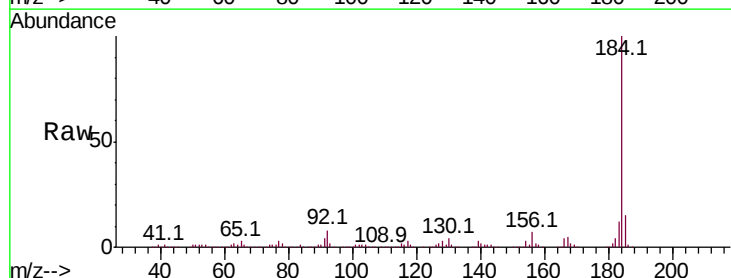
RT: 12.57 min Scan# 1740

Delta R.T. 0.01 min

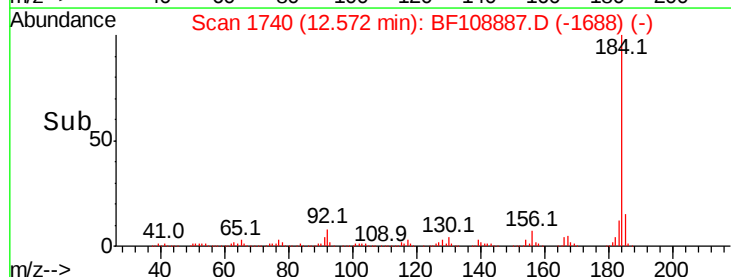
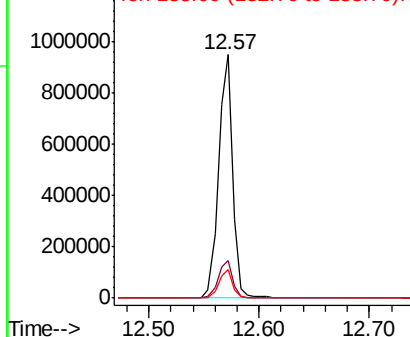
Lab File: BF108887.D

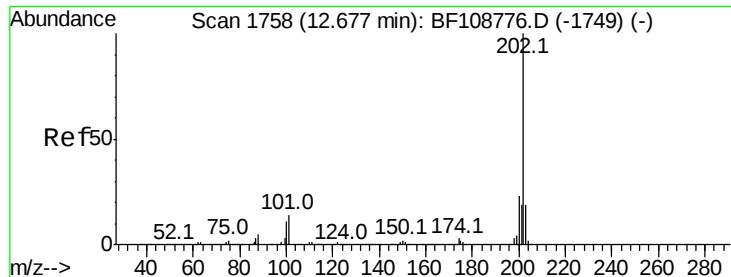
Acq: 10 Sep 2018 12:37

Tgt Ion:	184	Resp:	839417
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	18.8
183	12.0	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.174 ng

RT: 12.68 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1516868

Ion Ratio Lower Upper

202 100

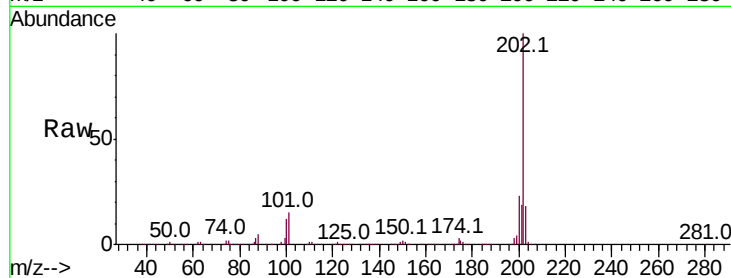
200 22.6 17.4 26.2

203 18.5 14.3 21.5

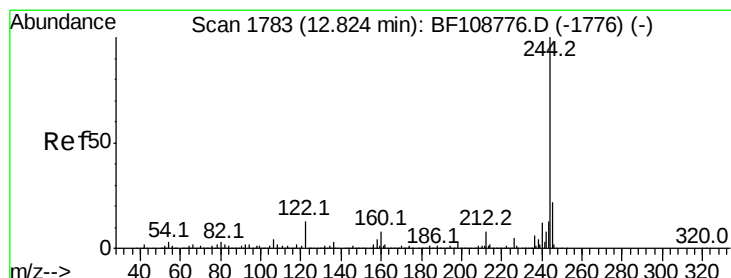
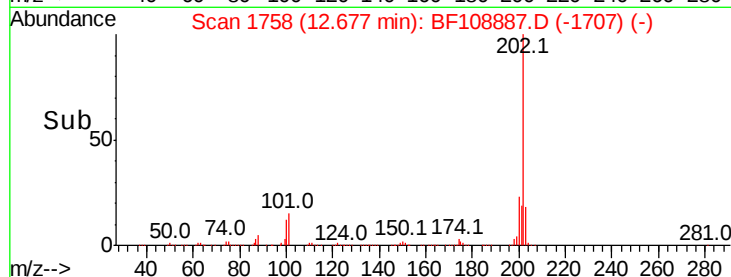
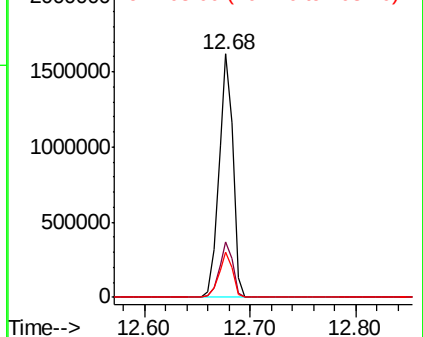
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.201 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

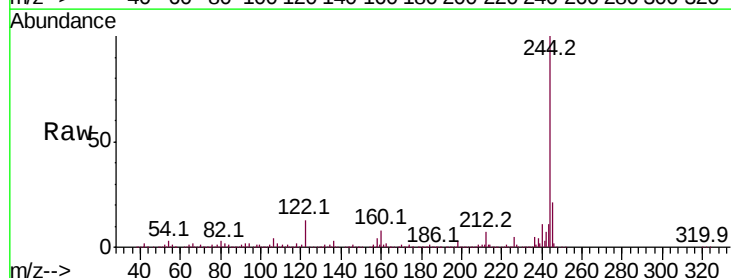
Tgt Ion:244 Resp: 1644373

Ion Ratio Lower Upper

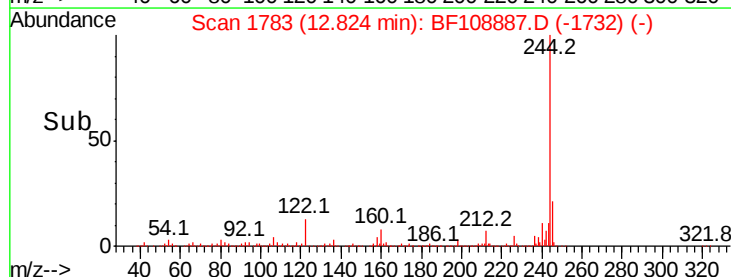
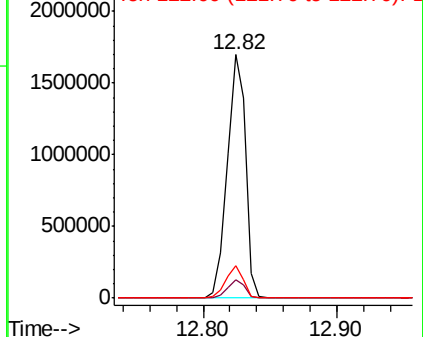
244 100

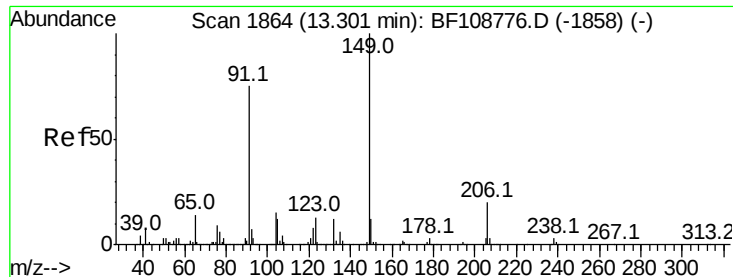
212 7.5 5.4 8.0

122 13.4 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





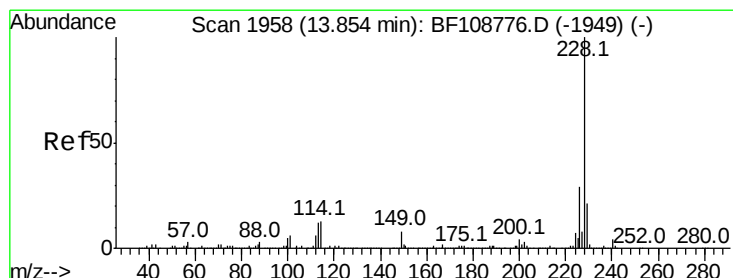
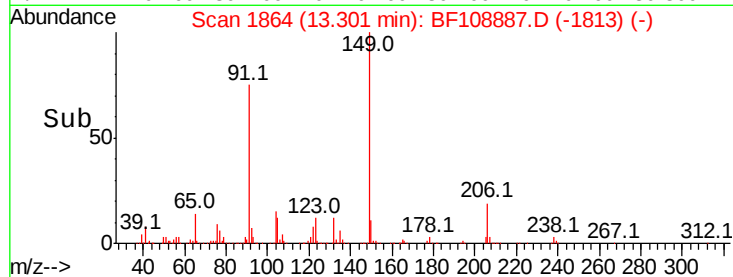
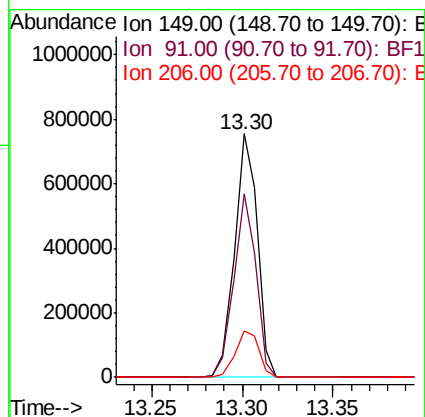
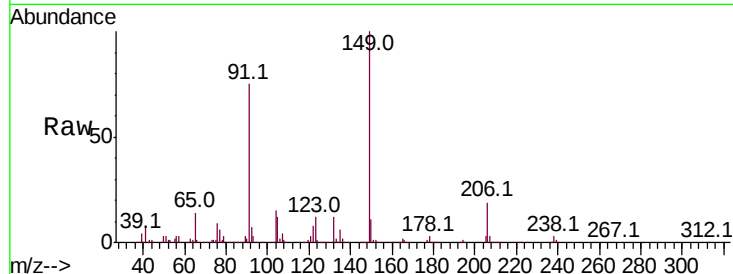
#79
Butylbenzylphthalate
Concen: 37.843 ng
RT: 13.30 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.5	56.8	85.2
206	19.0	14.1	21.1

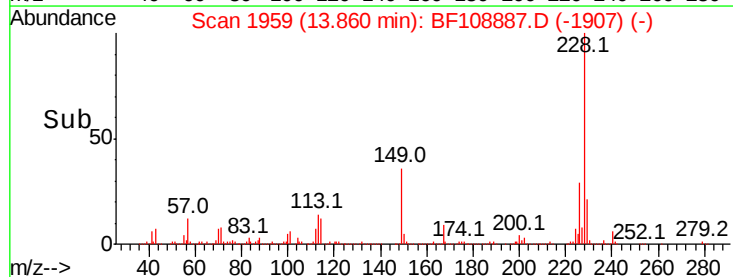
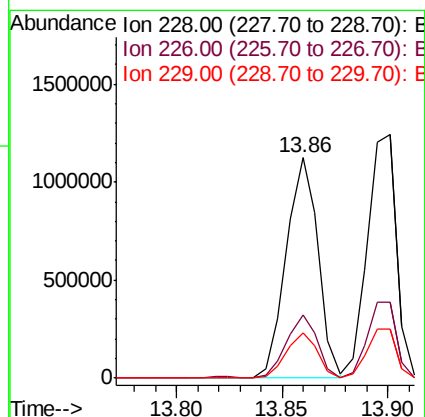
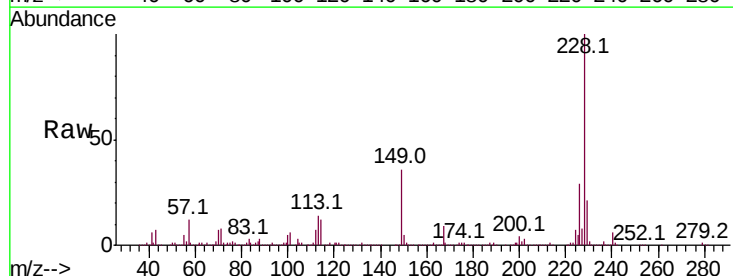
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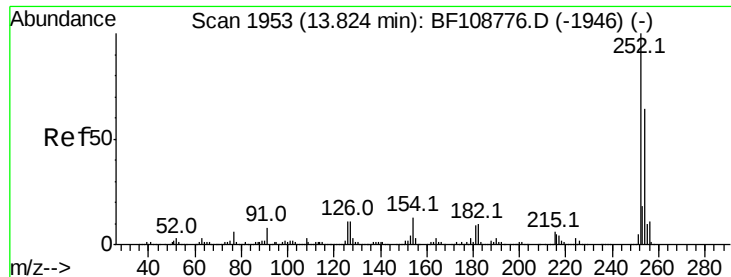
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#80
Benzo(a)anthracene
Concen: 36.626 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.6	15.8	23.6





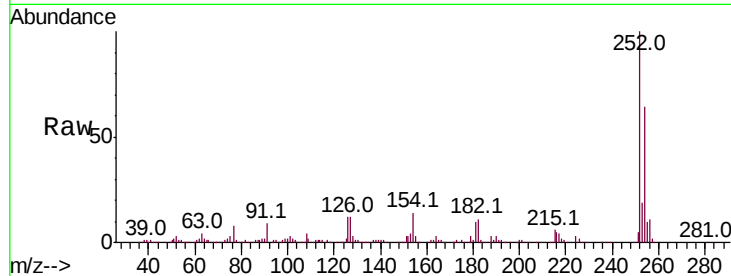
#81
 3,3'-Dichlorobenzidine
 Concen: 37.873 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

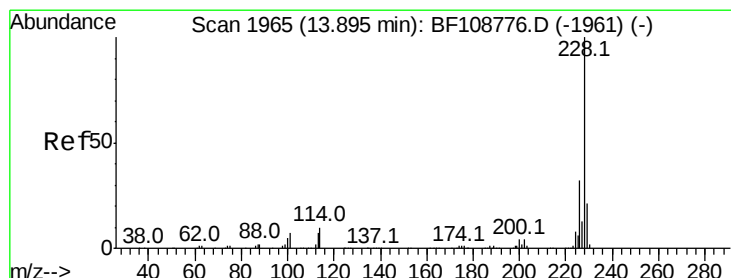
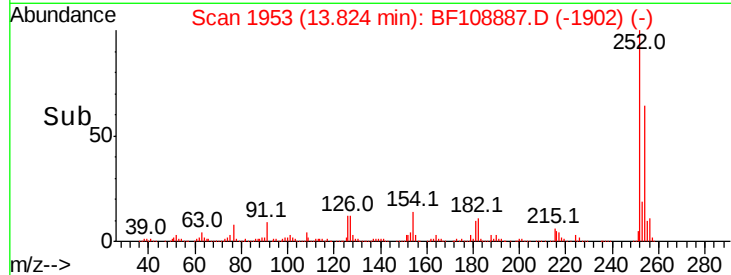
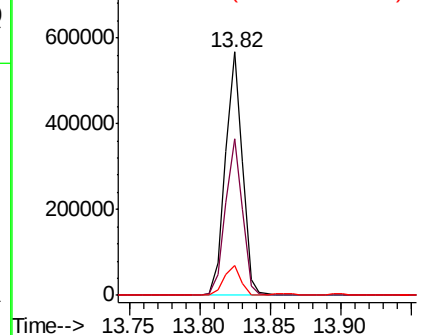
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	12.4	11.3	16.9

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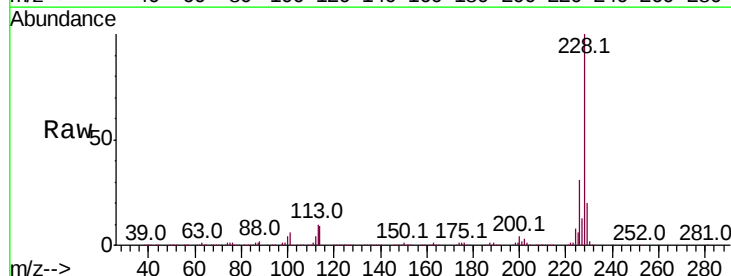


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

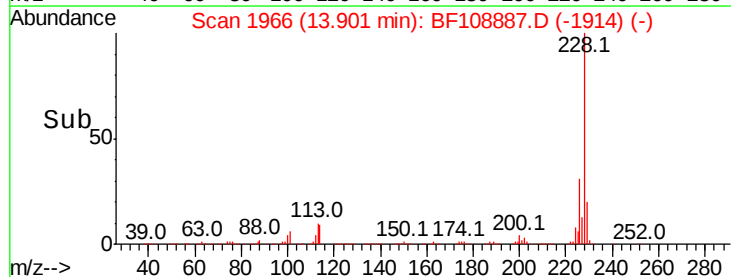
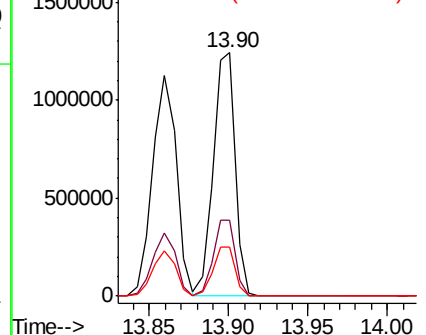


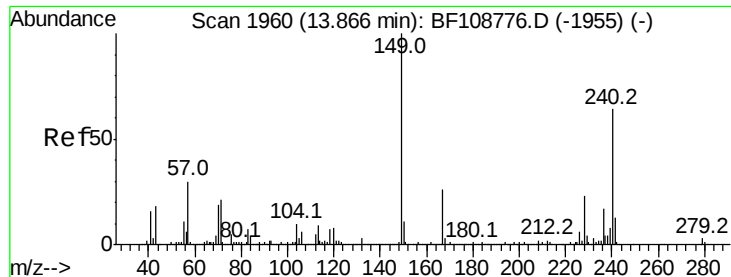
#82
 Chrysene
 Concen: 38.220 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.3	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





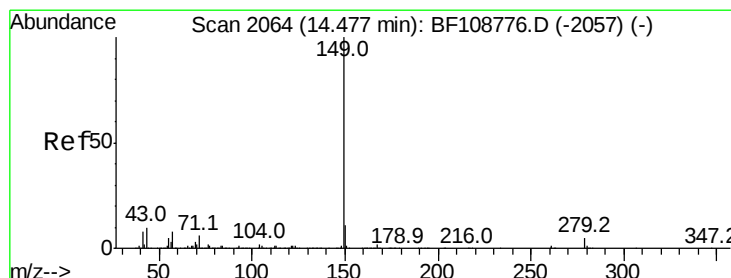
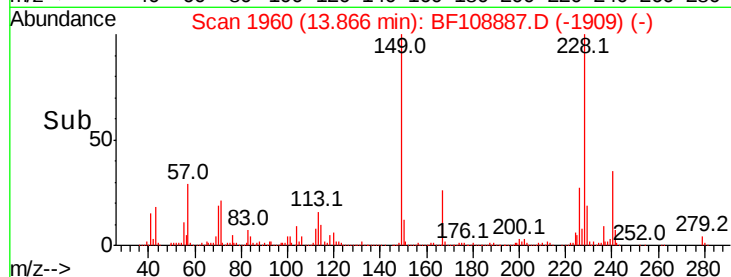
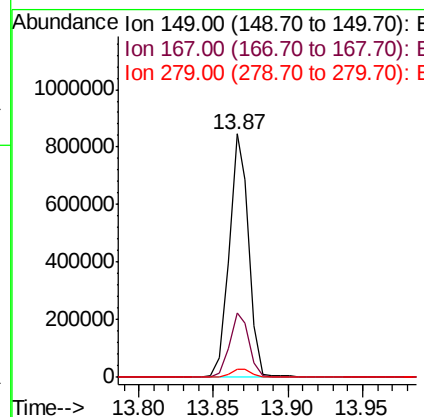
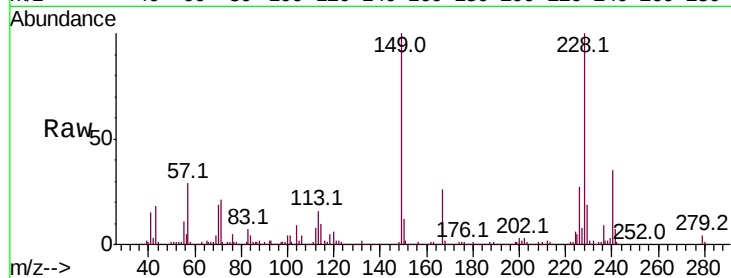
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.607 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.6	3.0	4.4

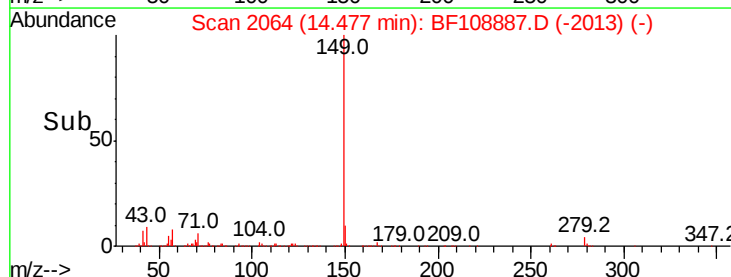
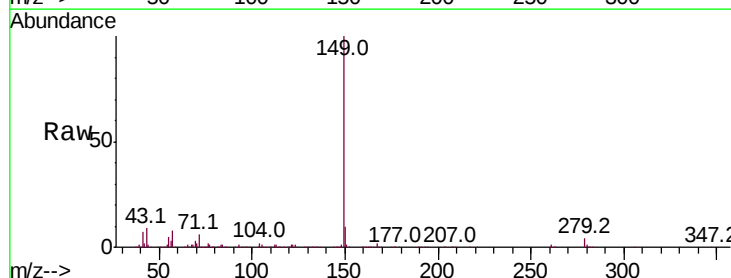
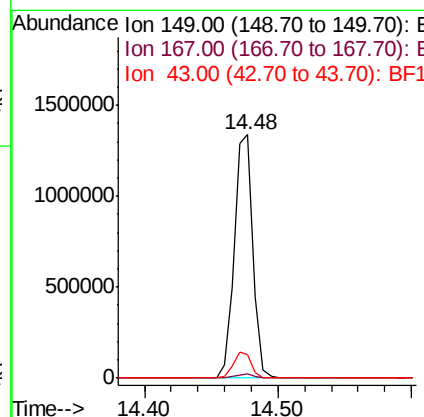
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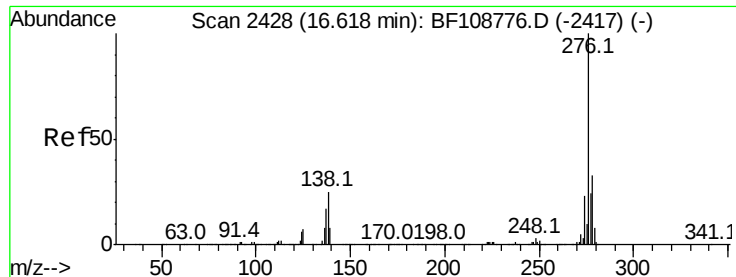
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#84
 Di-n-octyl phthalate
 Concen: 35.872 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.3	8.4	12.6





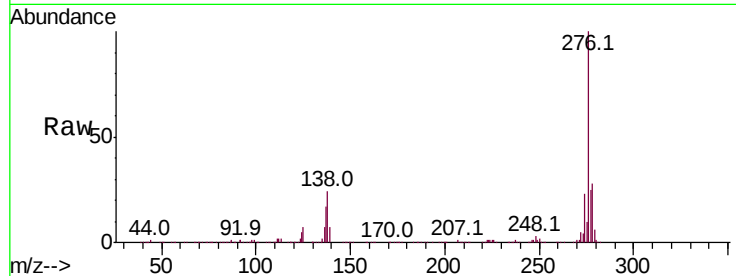
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.105 ng
RT: 16.63 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.0	37.6
277	25.1	20.1	30.1

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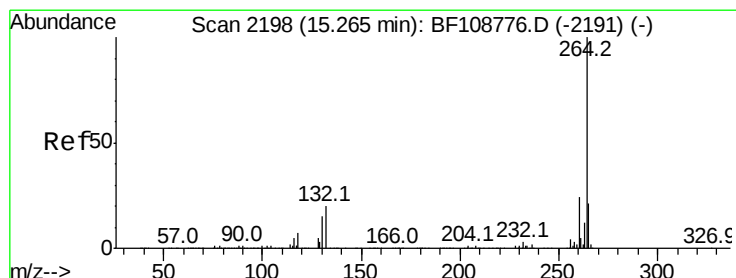
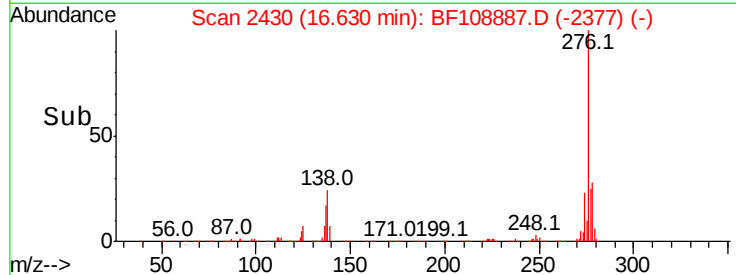
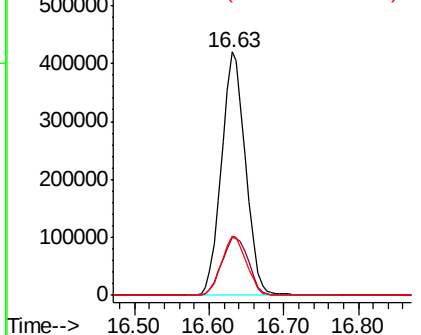


Abundance

Ion 276.00 (275.70 to 276.70): E

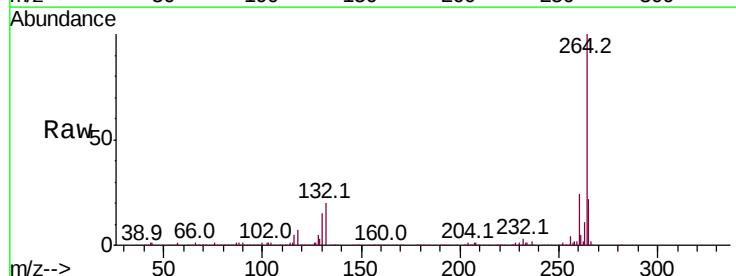
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.5	26.3

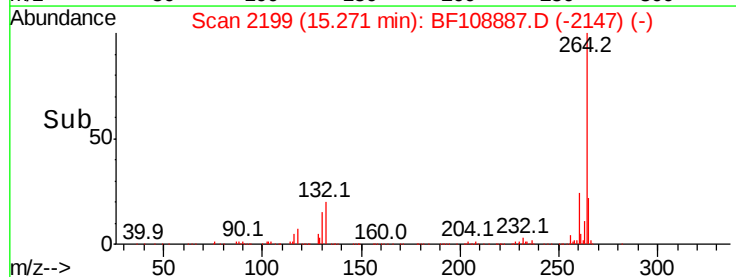
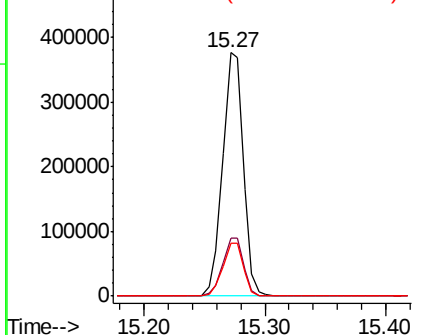


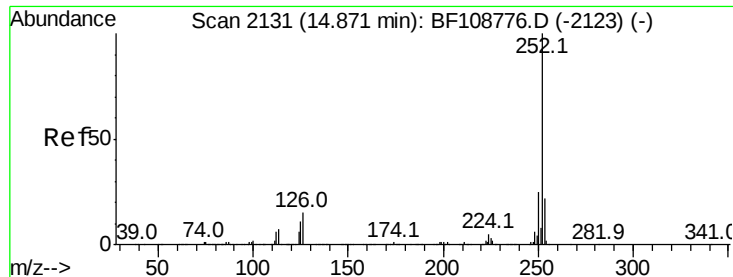
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.667 ng

RT: 14.88 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_F

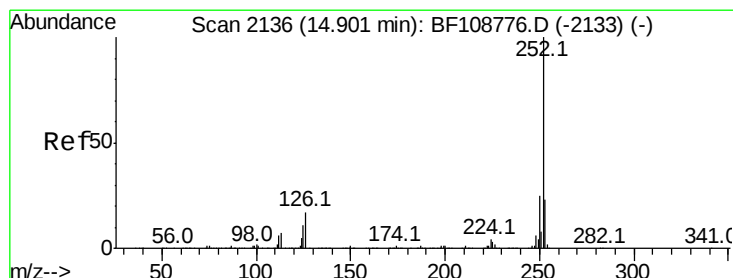
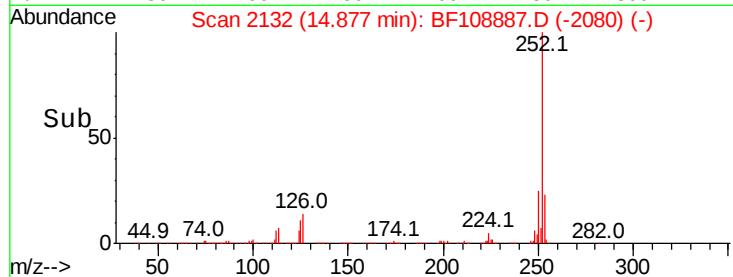
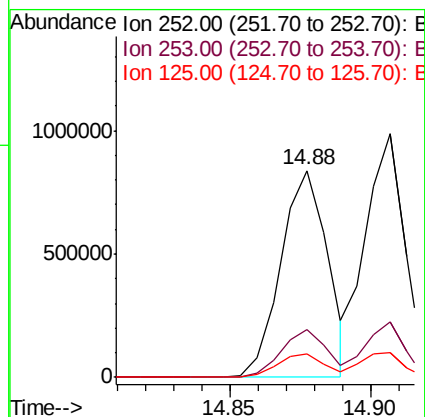
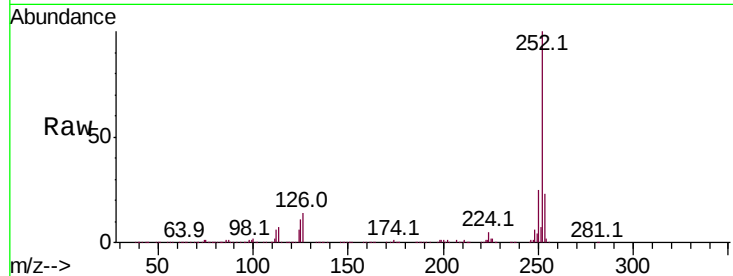
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	965745
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.6
125	11.1	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 43.045 ng

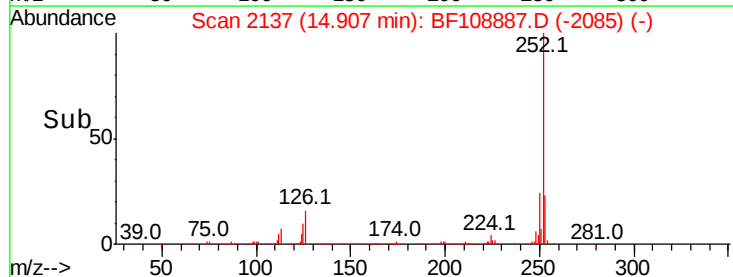
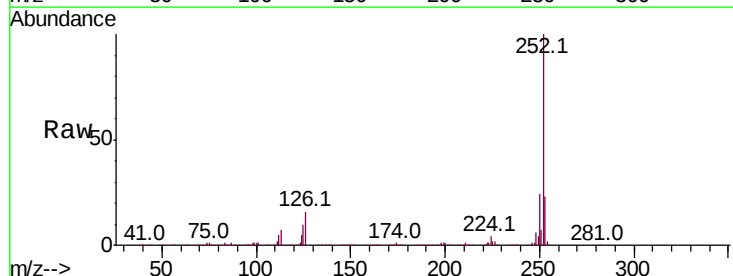
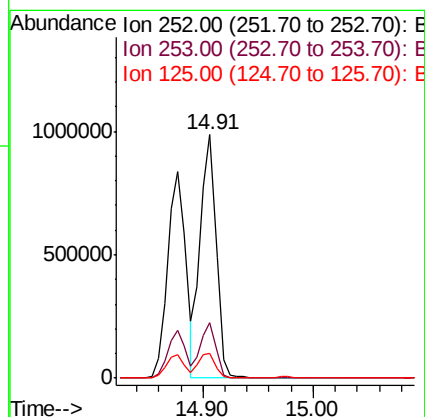
RT: 14.91 min Scan# 2137

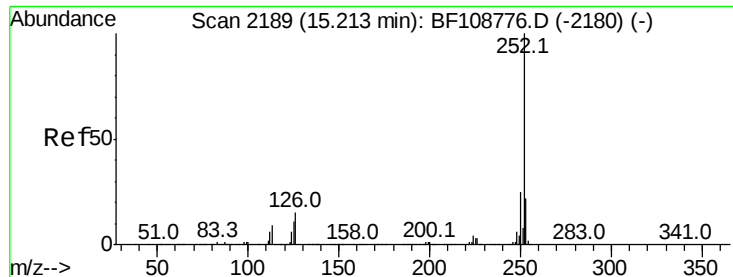
Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Tgt Ion:	252	Resp:	965098
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.9	26.9
125	10.4	10.2	15.2





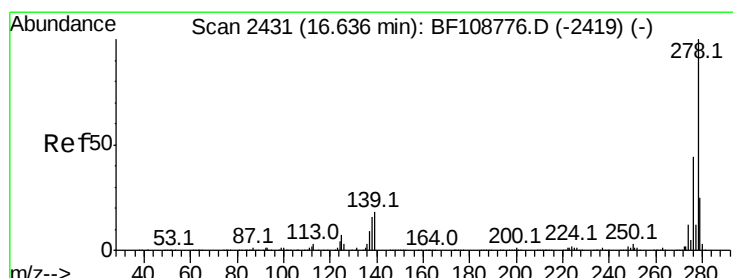
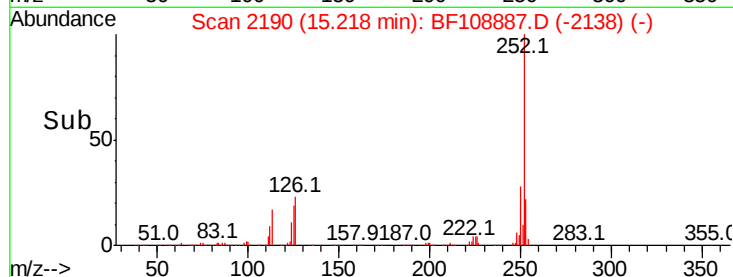
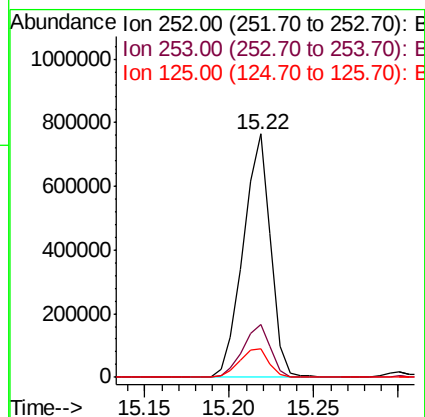
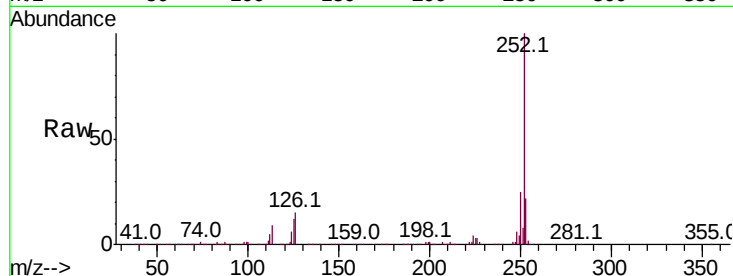
#89
Benzo(a)pyrene
Concen: 39.445 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	11.8	9.8	14.6

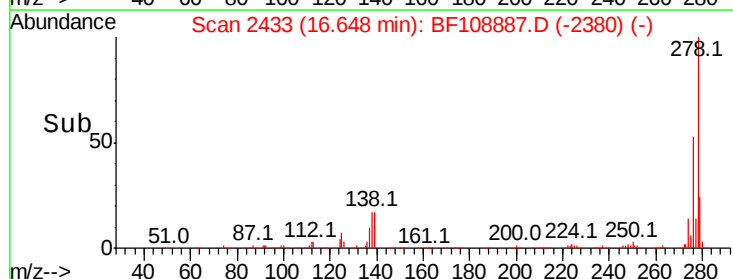
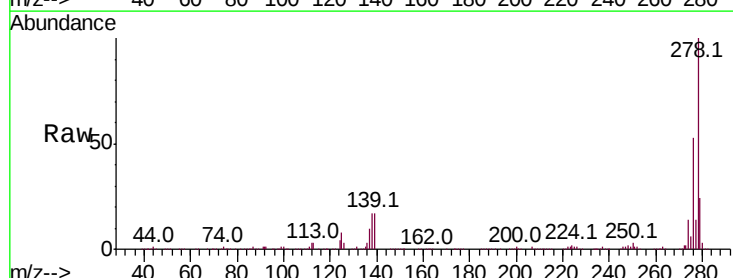
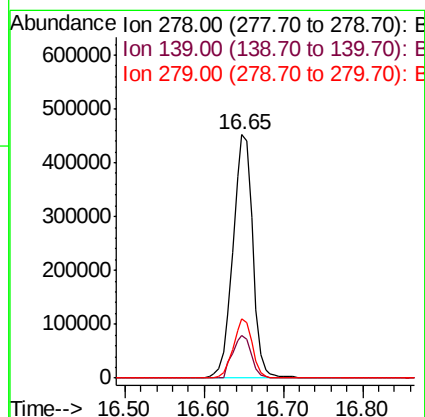
Manual Integrations
APPROVED

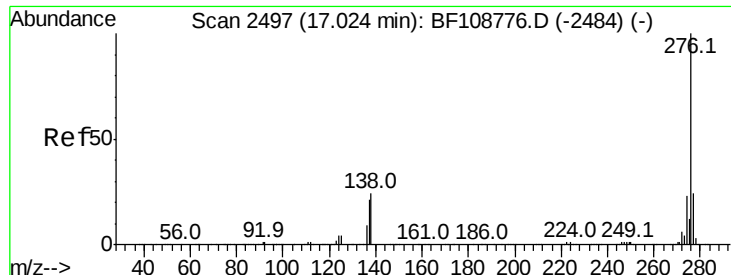
Sohil
9/11/2018 9:25:47 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.373 ng
RT: 16.65 min Scan# 2433
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	15.9	23.9
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.183 ng
 RT: 17.04 min Scan# 2500
 Delta R.T. 0.02 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	798192
Ion Ratio	Lower	Upper	
276	100		
277	24.4	17.9	26.9
138	22.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/11/2018 9:25:47 AM

