

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108191.D
 Acq On : 16 Aug 2018 13:29
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 8/17/2018 3:30:30 PM

Quant Time: Aug 16 14:40:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	219966	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	840573	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	419632	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	816417	20.00	ng	0.00
75) Chrysene-d12	14.22	240	603933	20.00	ng	0.00
86) Perylene-d12	15.77	264	449045	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	927044	76.30	ng	0.01
7) Phenol-d6	6.64	99	1226694	75.98	ng	0.00
23) Nitrobenzene-d5	7.58	82	1176562	78.11	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	345891	82.64	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2045704	78.27	ng	0.00
78) Terphenyl-d14	13.15	244	1964921	82.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	222158	35.585	ng	89
3) Pyridine	3.69	79	584245	36.329	ng	86
4) n-Nitrosodimethylamine	3.66	42	311430	34.415	ng	84
6) Aniline	6.68	93	840726	38.282	ng	96
8) 2-Chlorophenol	6.80	128	525352	38.392	ng	93
9) Benzaldehyde	6.57	77	447505	35.750	ng	96
10) Phenol	6.65	94	627148	37.552	ng	87
11) bis(2-Chloroethyl)ether	6.75	93	517856	38.355	ng	91
12) 1,3-Dichlorobenzene	6.96	146	605689	38.281	ng	99
13) 1,4-Dichlorobenzene	7.04	146	605004	38.058	ng	97
14) 1,2-Dichlorobenzene	7.19	146	562286	38.026	ng	98
15) Benzyl Alcohol	7.15	79	505243	37.172	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	988727	35.547	ng	98
17) 2-Methylphenol	7.26	107	442046	37.670	ng	96
18) Hexachloroethane	7.53	117	222195	39.260	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	392781	35.975	ng	89
20) 3+4-Methylphenols	7.41	107	557690	37.086	ng	90
22) Acetophenone	7.42	105	733197	37.304	ng	# 92
24) Nitrobenzene	7.60	77	584497	38.372	ng	95
25) Isophorone	7.84	82	1061209	36.961	ng	97
26) 2-Nitrophenol	7.91	139	256388	44.570	ng	91
27) 2,4-Dimethylphenol	7.94	122	486856	38.205	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	633999	37.825	ng	99
29) 2,4-Dichlorophenol	8.15	162	465605	39.703	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	495007	38.285	ng	96
31) Naphthalene	8.32	128	1473155	38.537	ng	98
32) Benzoic acid	8.05	122	236441	33.969	ng	93
33) 4-Chloroaniline	8.37	127	634492	38.086	ng	95
34) Hexachlorobutadiene	8.43	225	317342	38.771	ng	99
35) Caprolactam	8.75	113	135258	36.805	ng	# 79
36) 4-Chloro-3-methylphenol	8.84	107	478410	37.816	ng	98
37) 2-Methylnaphthalene	9.01	142	1022365	37.800	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	517269	40.140	ng	98
40) Hexachlorocyclopentadiene	9.17	237	320964	38.561	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	334568	41.838	nq	99
43) 2,4,5-Trichlorophenol	9.33	196	368578	41.870	nq	# 93
45) 1,1'-Biphenyl	9.48	154	1215152	39.275	nq	99
46) 2-Chloronaphthalene	9.51	162	962363	39.355	nq	99
47) 2-Nitroaniline	9.60	65	326427	41.256	nq	86
48) Acenaphthylene	9.93	152	1502082	38.855	nq	99
49) Dimethylphthalate	9.78	163	1097637	37.551	nq	# 99
50) 2,6-Dinitrotoluene	9.84	165	247374	40.449	nq	92
51) Acenaphthene	10.10	154	919917	38.850	nq	99
52) 3-Nitroaniline	10.02	138	267818	40.025	nq	99
53) 2,4-Dinitrophenol	10.12	184	94405	44.648	nq	# 21
54) Dibenzofuran	10.27	168	1304331	38.022	nq	96
55) 4-Nitrophenol	10.17	139	202472	39.959	nq	92
56) 2,4-Dinitrotoluene	10.25	165	330268	41.955	nq	# 97
57) Fluorene	10.62	166	1036302	38.161	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	301590	40.990	nq	# 86
59) Diethylphthalate	10.48	149	1052743	37.193	nq	95
60) 4-Chlorophenyl-phenylether	10.60	204	533166	37.678	nq	93
61) 4-Nitroaniline	10.64	138	269238	40.698	nq	94
62) Azobenzene	10.77	77	1082590	37.035	nq	92
64) 4,6-Dinitro-2-methylphenol	10.66	198	127381	42.277	nq	88
65) n-Nitrosodiphenylamine	10.72	169	931678	38.617	nq	97
66) 4-Bromophenyl-phenylether	11.10	248	344853	38.869	nq	# 88
67) Hexachlorobenzene	11.17	284	362559	38.838	nq	# 86
68) Atrazine	11.24	200	321217	39.696	nq	96
69) Pentachlorophenol	11.36	266	180130	40.314	nq	99
70) Phenanthrene	11.59	178	1502808	39.026	nq	98
71) Anthracene	11.64	178	1547072	39.199	nq	97
72) Carbazole	11.79	167	1371549	39.114	nq	99
73) Di-n-butylphthalate	12.11	149	1608044	40.486	nq	99
74) Fluoranthene	12.78	202	1636311	38.935	nq	95
76) Benzidine	12.90	184	979737	43.420	nq	99
77) Pyrene	13.01	202	1620383	42.379	nq	98
79) Butylbenzylphthalate	13.61	149	654415	43.103	nq	96
80) Benzo(a)anthracene	14.21	228	1366732	39.433	nq	99
81) 3,3'-Dichlorobenzidine	14.16	252	479505	38.604	nq	# 98
82) Chrysene	14.24	228	1230732	38.732	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	798805	38.852	nq	99
84) Di-n-octyl phthalate	14.79	149	1208637	38.546	nq	96
85) Indeno(1,2,3-cd)pyrene	17.40	276	982818	35.697	nq	# 91
87) Benzo(b)fluoranthene	15.31	252	1035987m	38.610	nq	
88) Benzo(k)fluoranthene	15.34	252	1004100	40.709	nq	# 97
89) Benzo(a)pyrene	15.71	252	948377	39.470	nq	97
90) Dibenzo(a,h)anthracene	17.41	278	818458	41.169	nq	# 95
91) Benzo(g,h,i)perylene	17.89	276	827871	42.290	nq	# 91

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

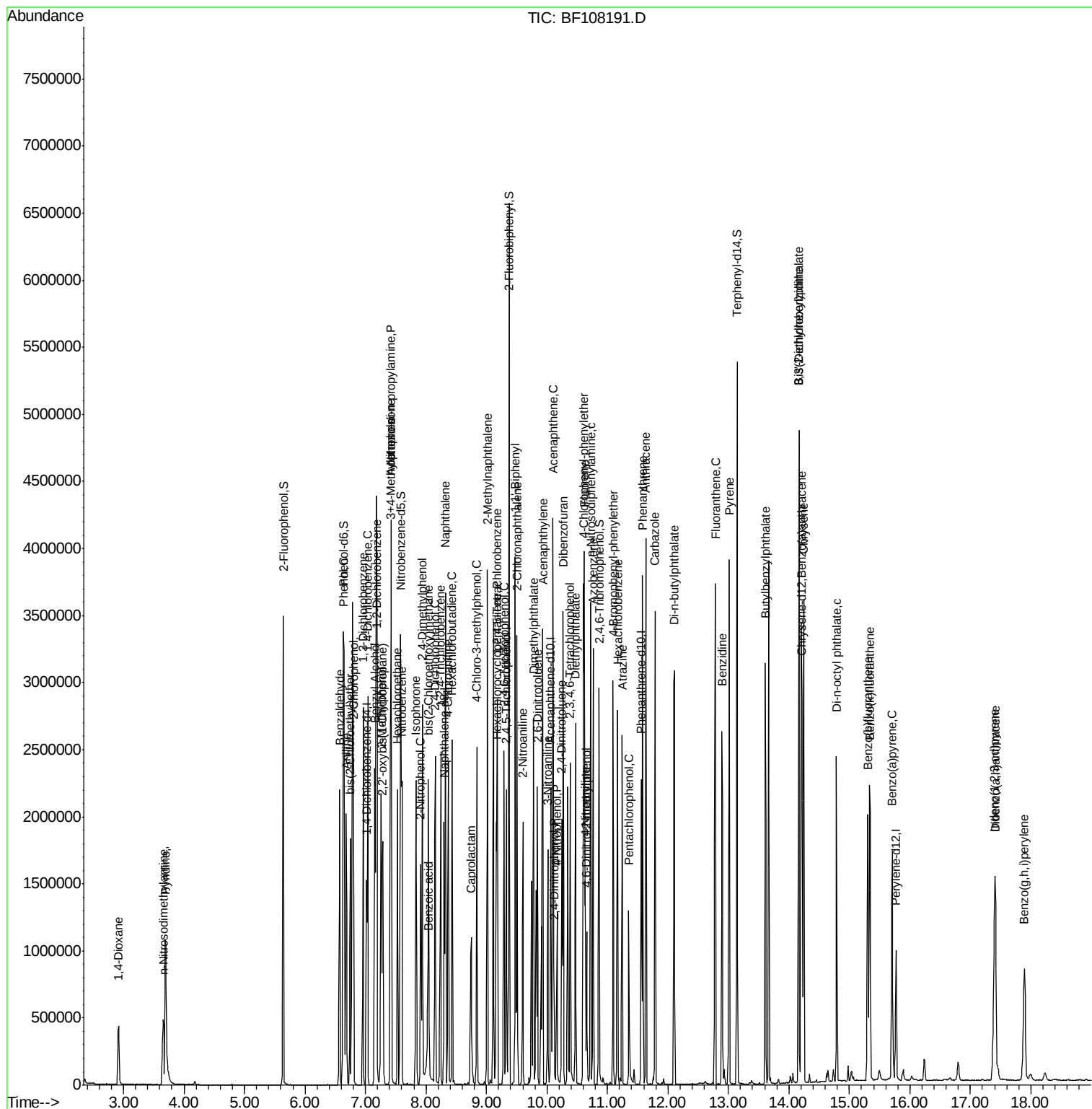
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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\  
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Acq On    : 16 Aug 2018  13:29  
Operator  : JU/SJ  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
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ClientSampleId :
SSTDCCC040

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#1

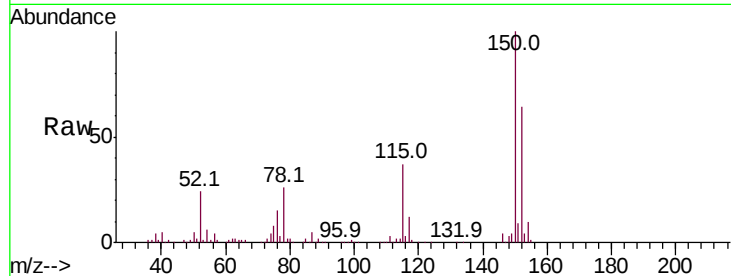
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	58.4	50.1	75.1

Manual Integrations
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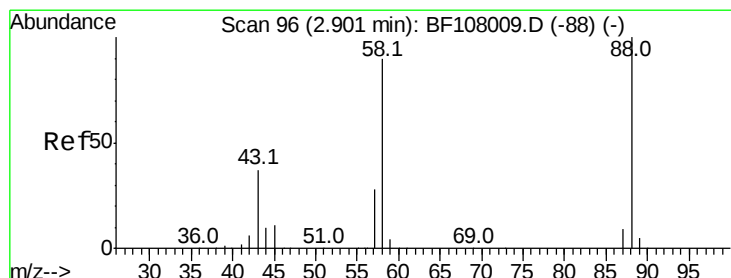
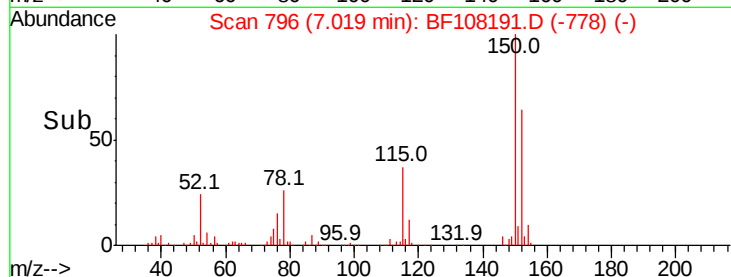
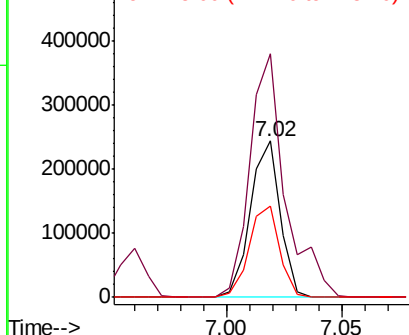


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

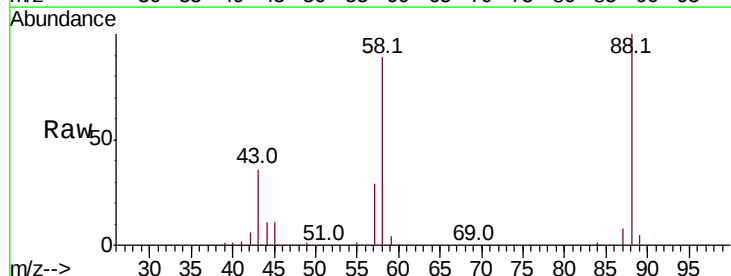
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.585 ng
RT: 2.92 min Scan# 99
Delta R.T. 0.02 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.5	62.6	93.8
43	35.6	24.6	37.0

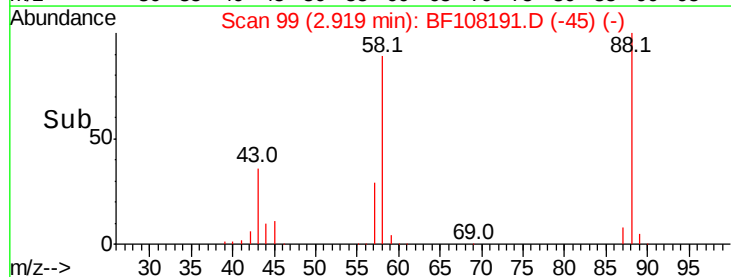
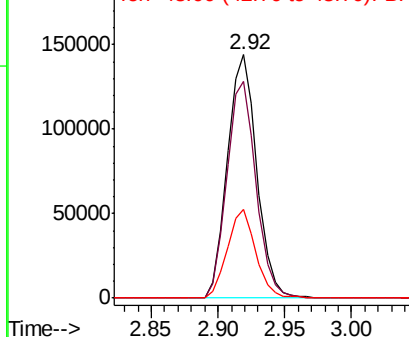


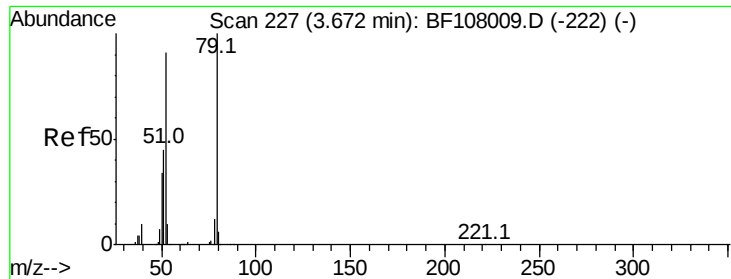
Abundance

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: 36.329 ng

RT: 3.69 min Scan# 230

Delta R.T. 0.02 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

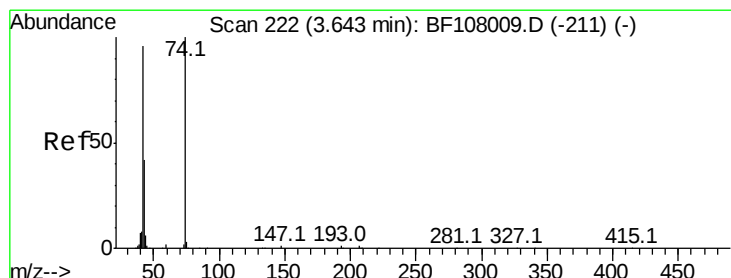
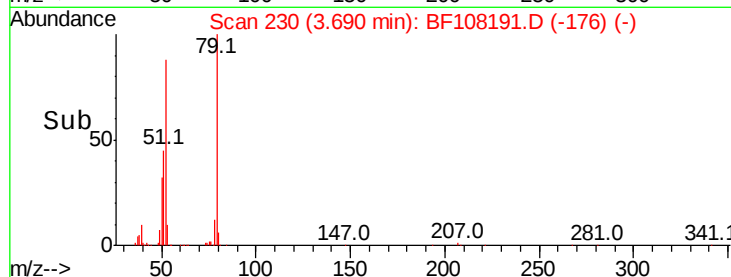
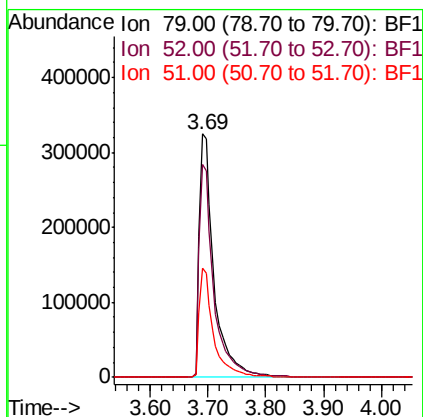
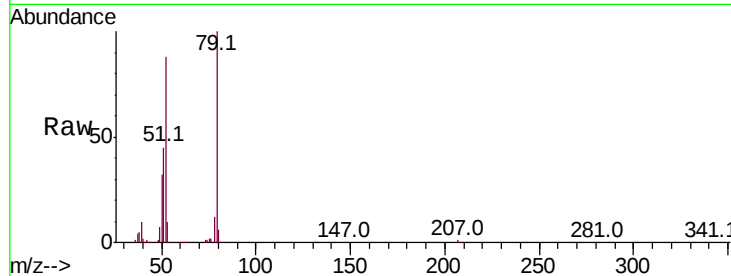
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	584245
Ion Ratio	Lower	Upper	
79	100		
52	87.7	59.8	89.6
51	44.7	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.415 ng

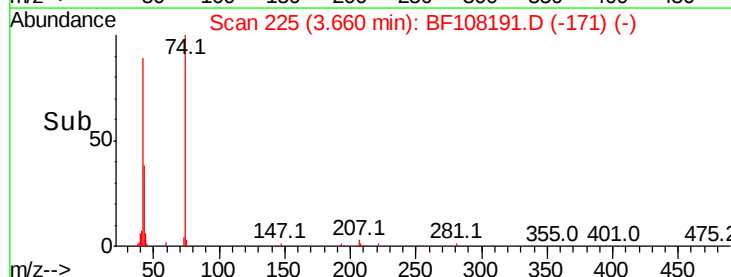
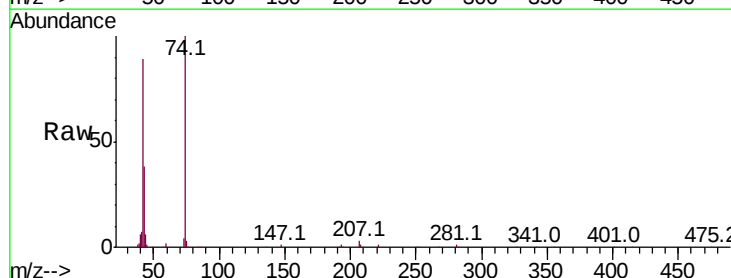
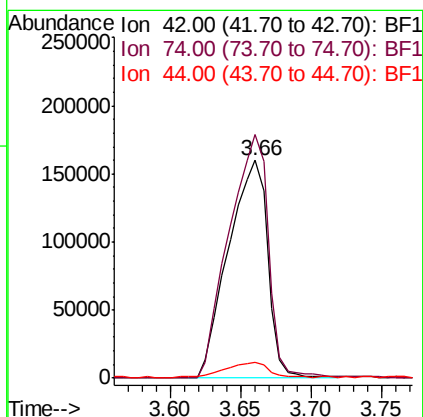
RT: 3.66 min Scan# 225

Delta R.T. 0.02 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Tgt Ion:	42	Resp:	311430
Ion Ratio	Lower	Upper	
42	100		
74	111.9	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 76.301 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

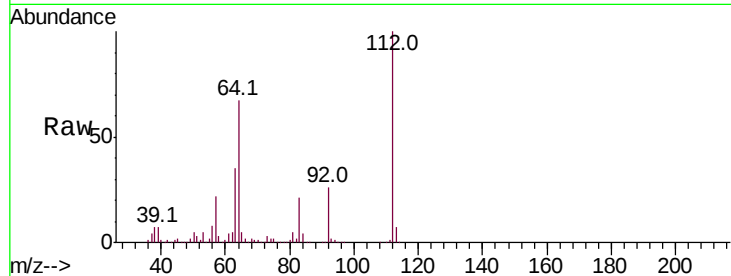
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	927044
Ion Ratio	Lower	Upper	
112	100		
64	66.7	47.9	71.9
63	34.9	23.7	35.5

Manual Integrations
APPROVED

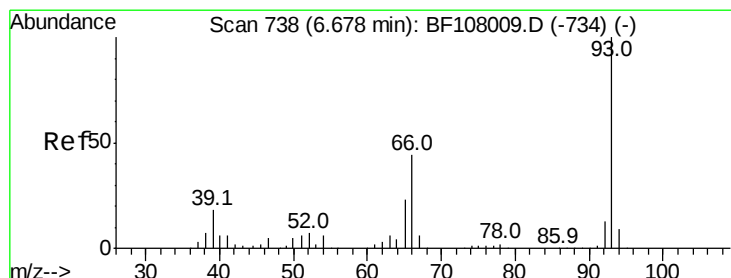
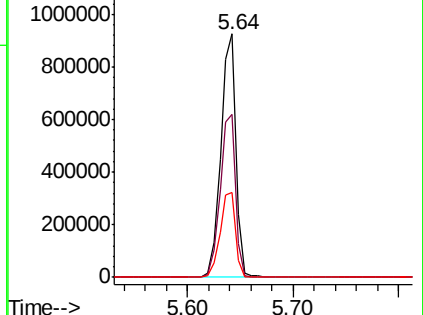
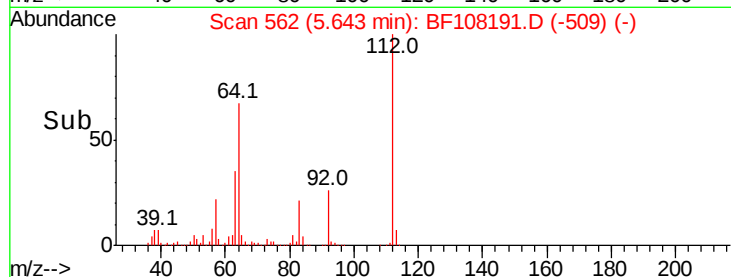
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.282 ng

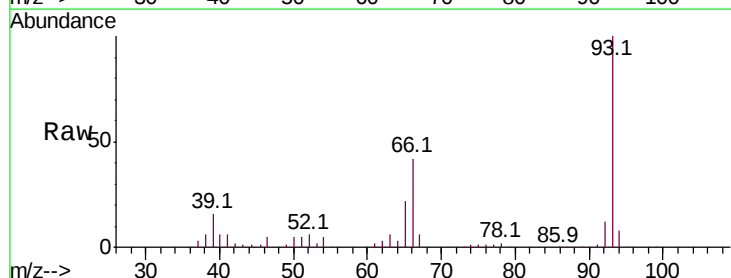
RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

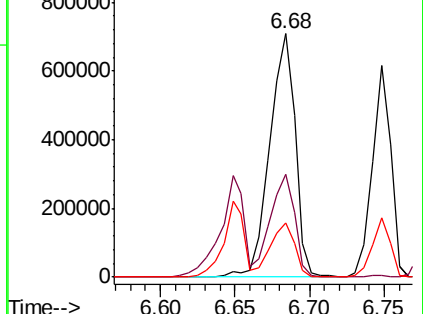
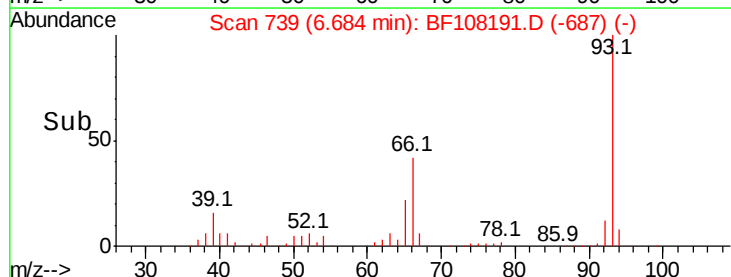
Tgt Ion:	93	Resp:	840726
Ion Ratio	Lower	Upper	
93	100		
66	42.3	32.2	48.2
65	22.3	16.4	24.6

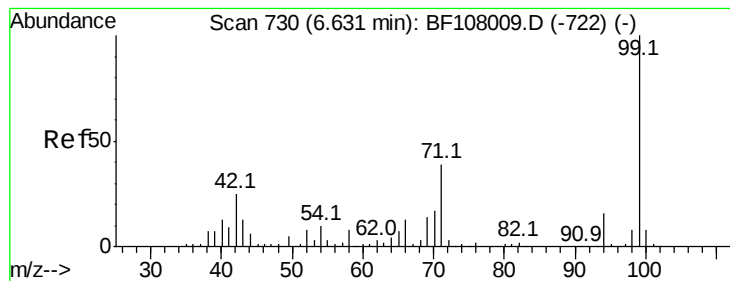


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.978 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1226694

Ion Ratio Lower Upper

99 100

42 23.3 14.5 21.7#

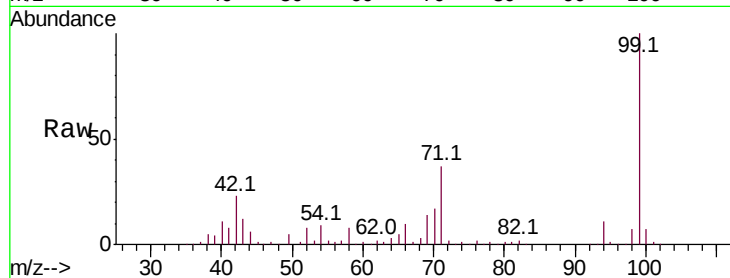
71 37.1 25.4 38.0

Manual Integrations

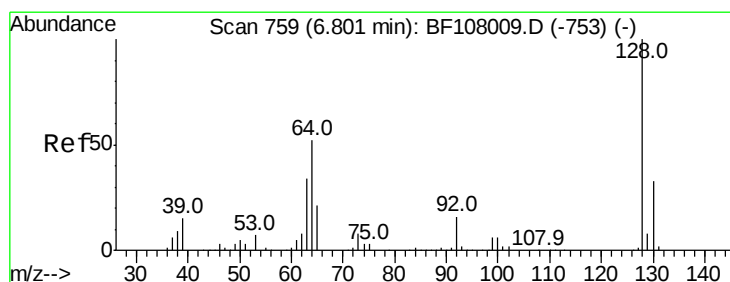
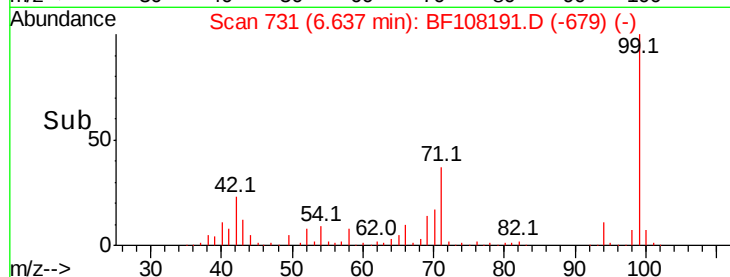
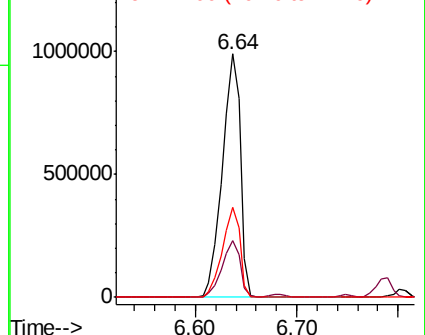
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.392 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

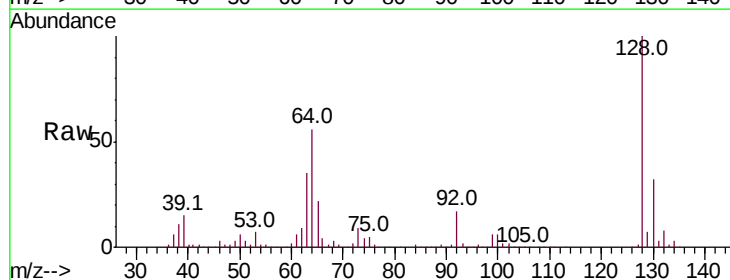
Tgt Ion:128 Resp: 525352

Ion Ratio Lower Upper

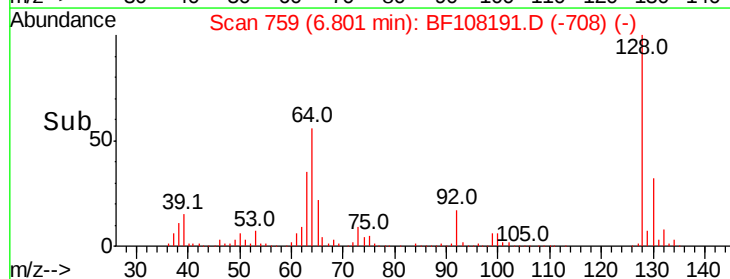
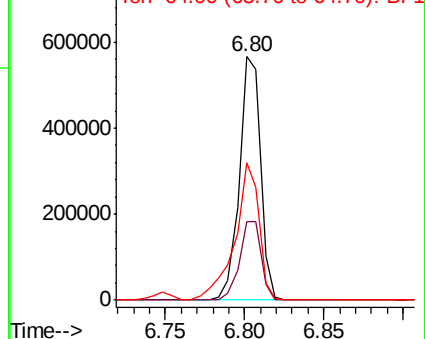
128 100

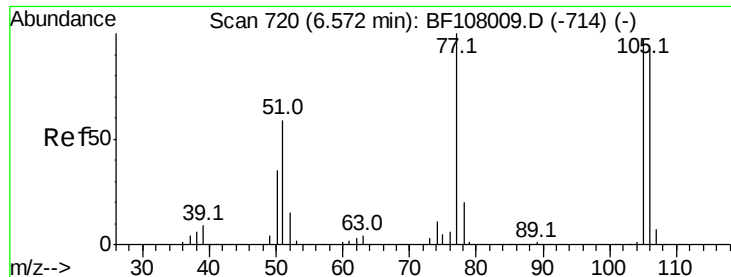
130 32.2 13.0 53.0

64 56.2 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: 35.750 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 447505

Ion Ratio Lower Upper

77 100

105 95.6 81.1 121.1

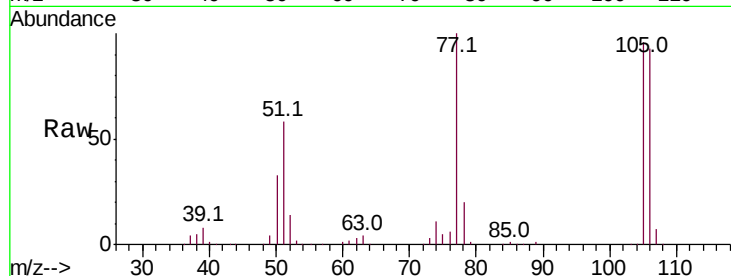
106 92.7 74.5 114.5

Manual Integrations

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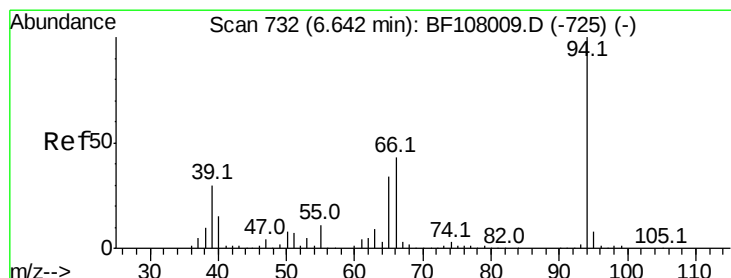
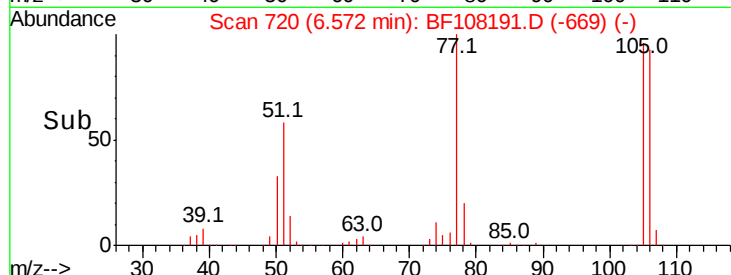
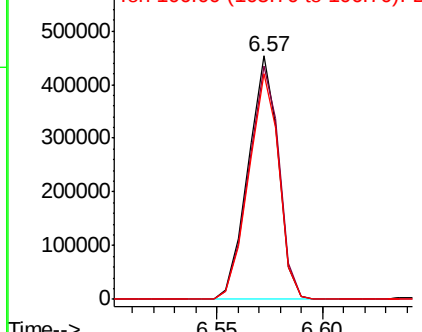
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.552 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

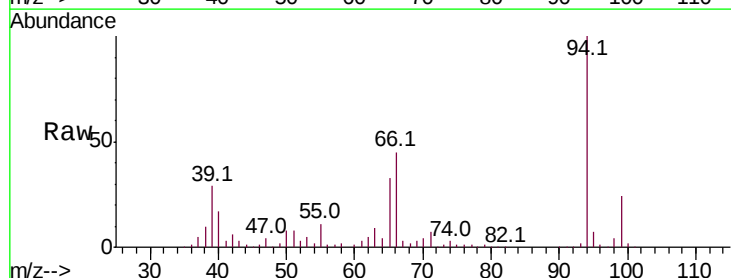
Tgt Ion: 94 Resp: 627148

Ion Ratio Lower Upper

94 100

65 33.4 7.9 47.9

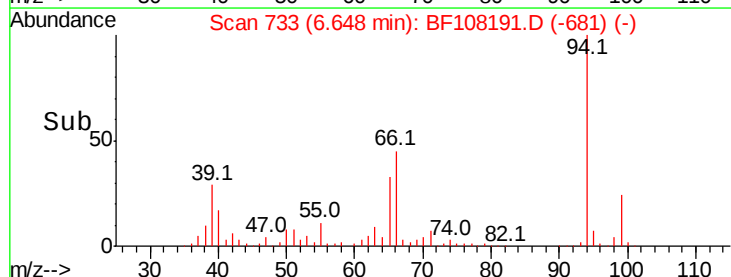
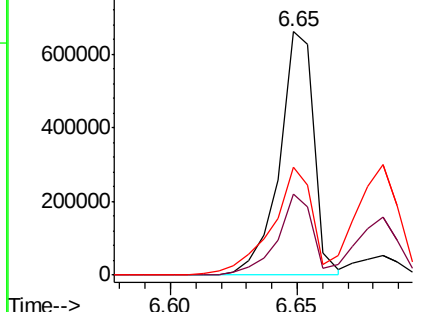
66 44.6 16.2 56.2

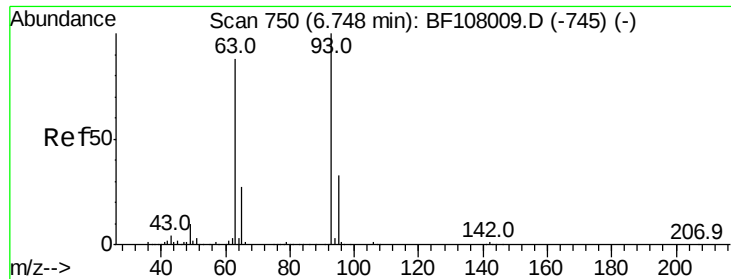


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





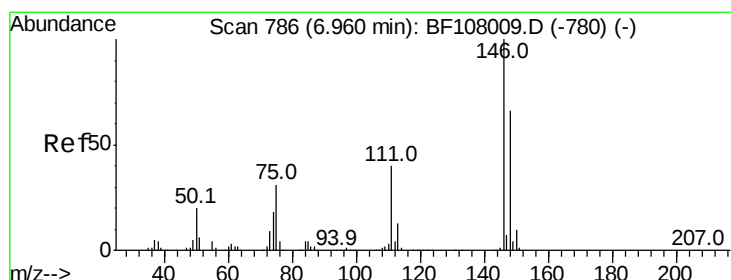
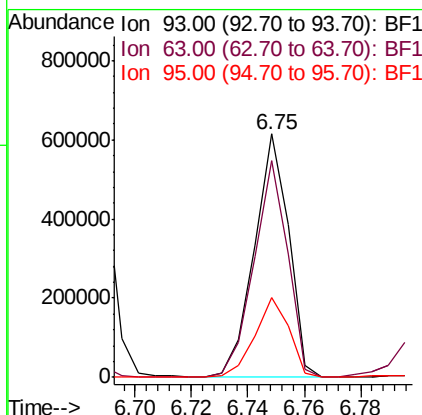
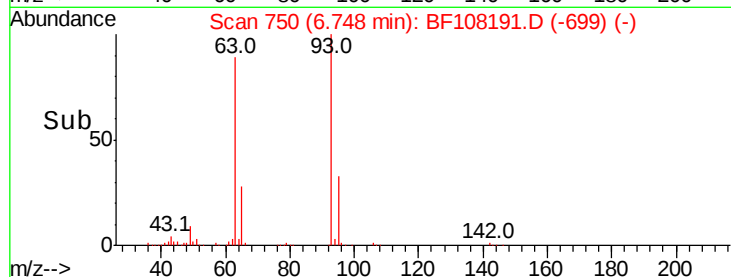
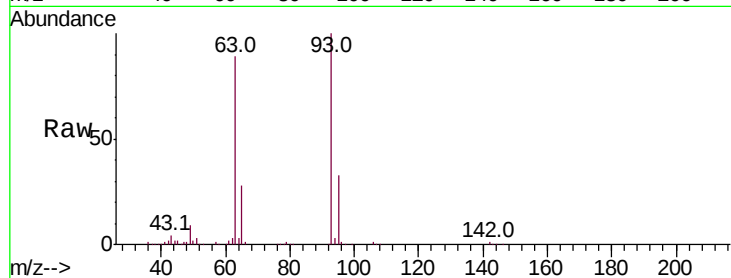
#11
bis(2-Chloroethyl)ether
Concen: 38.355 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.0	58.6	98.6
95	32.5	11.8	51.8

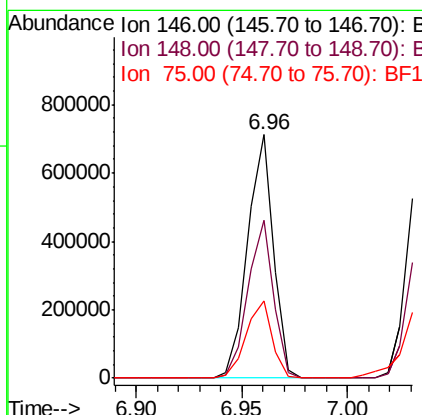
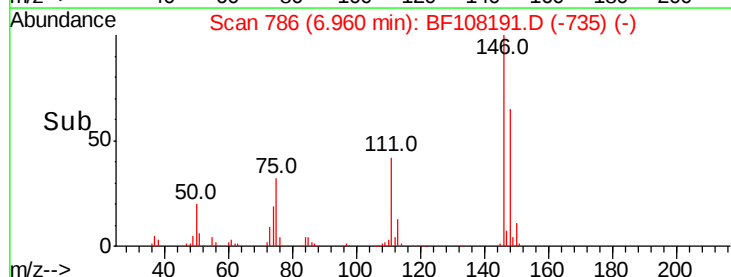
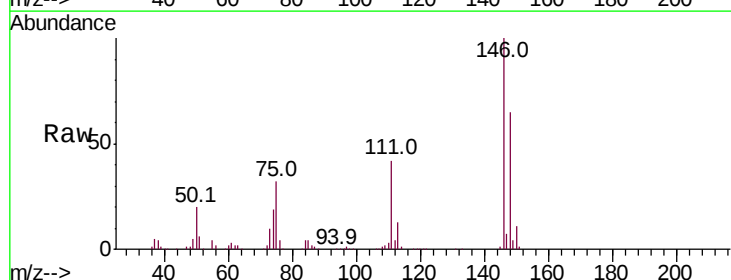
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#12
1,3-Dichlorobenzene
Concen: 38.281 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	31.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.058 ng

RT: 7.04 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

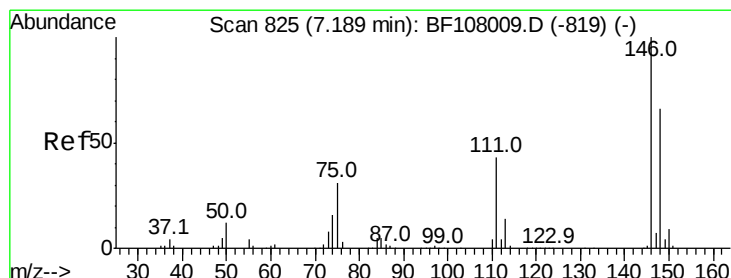
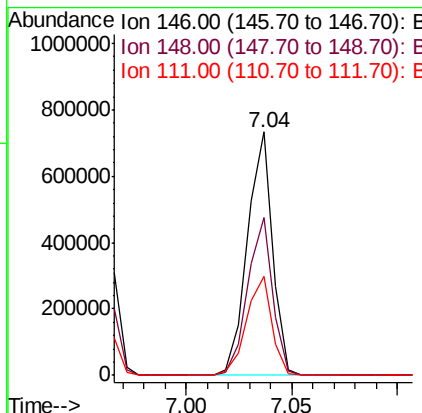
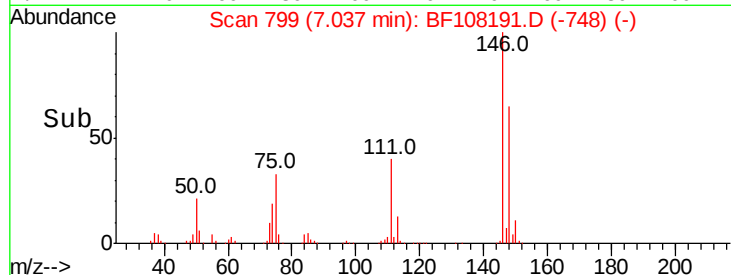
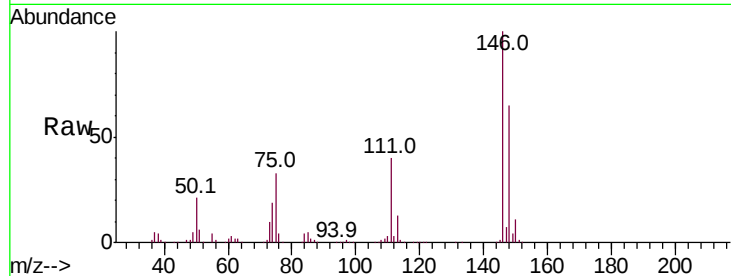
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	605004
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.8	76.2
111	40.4	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.026 ng

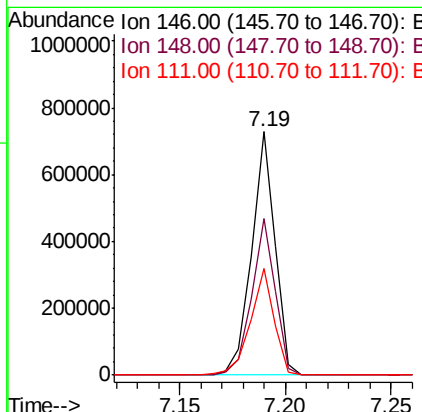
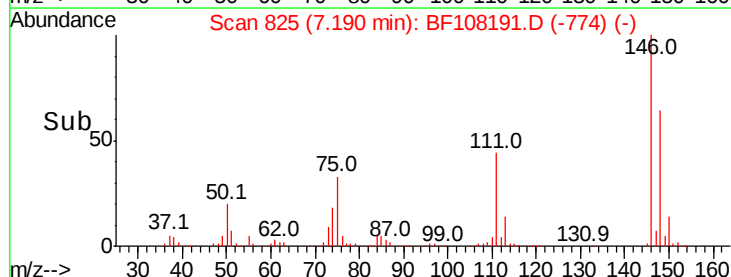
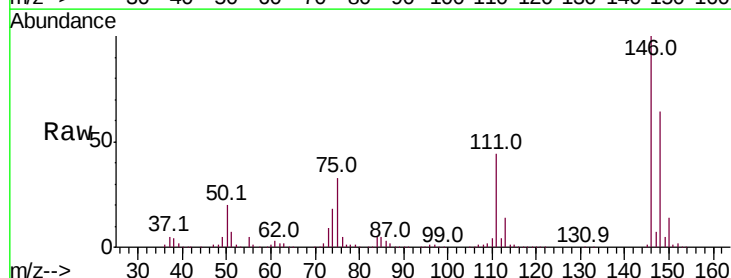
RT: 7.19 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Tgt Ion:	146	Resp:	562286
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	75.8
111	43.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.172 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

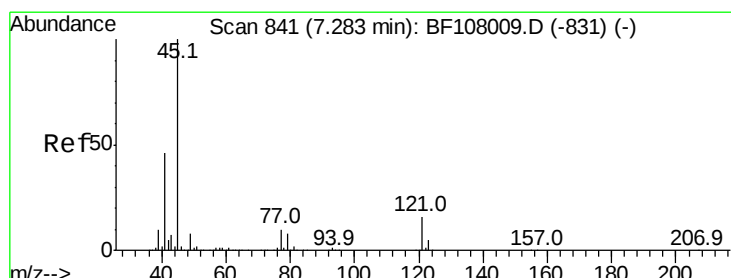
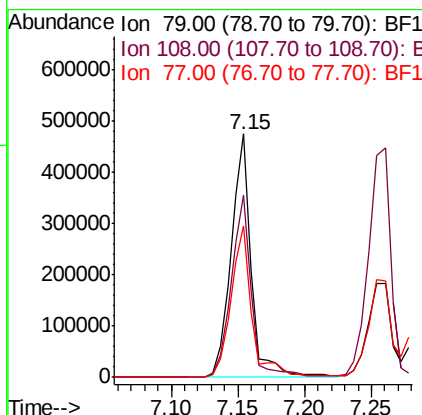
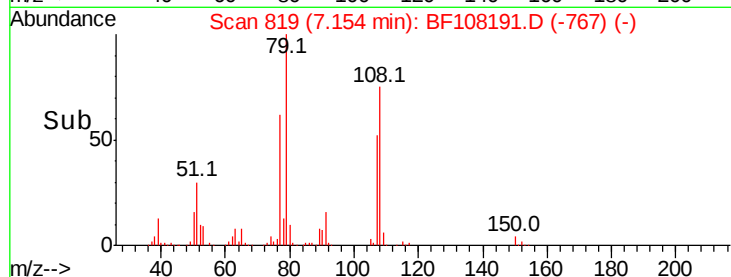
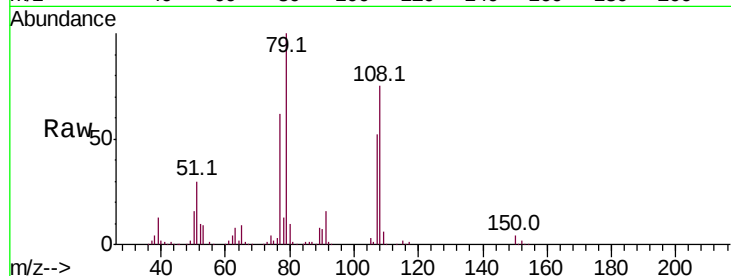
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	505243
Ion Ratio	Lower	Upper	
79	100		
108	75.1	65.1	97.7
77	62.4	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.547 ng

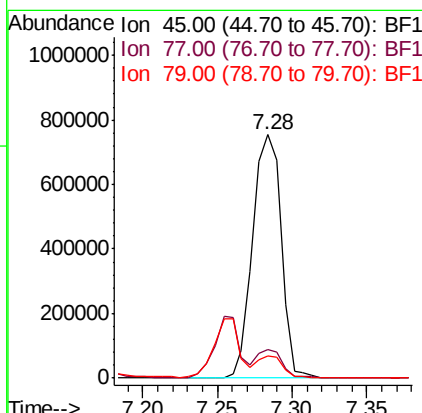
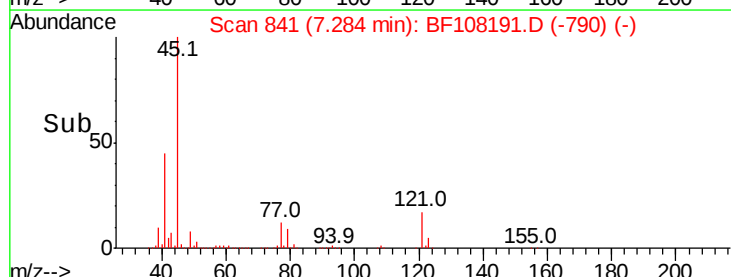
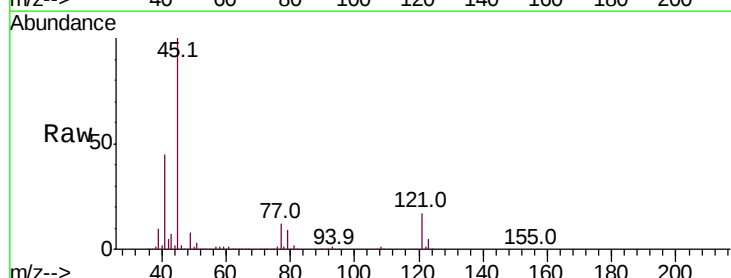
RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Tgt Ion:	45	Resp:	988727
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	32.9
79	8.9	0.0	29.6





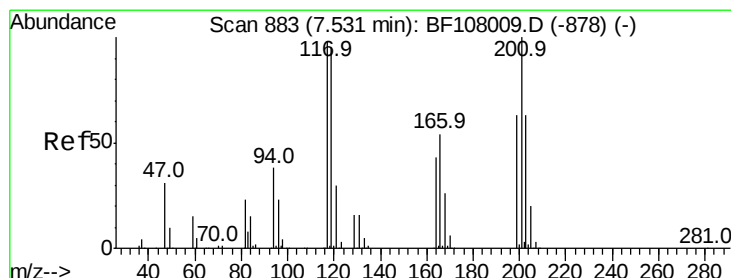
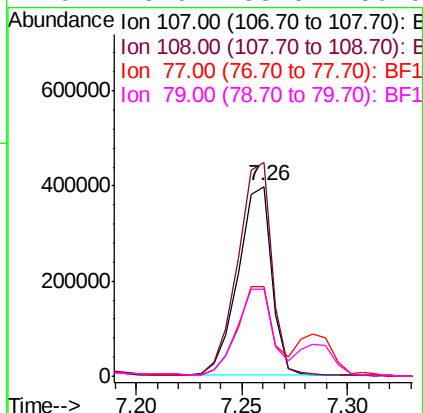
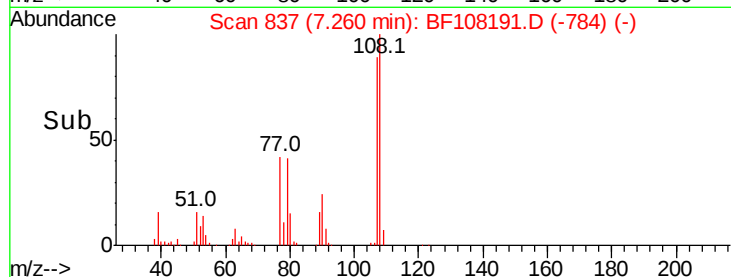
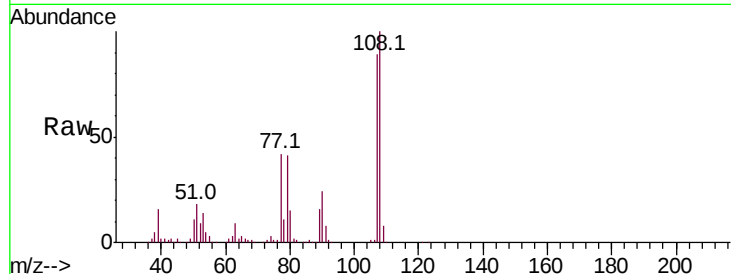
#17
2-Methylphenol
Concen: 37.670 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	91.7	137.5	
77	47.0	33.8	50.8	
79	45.9	33.8	50.8	

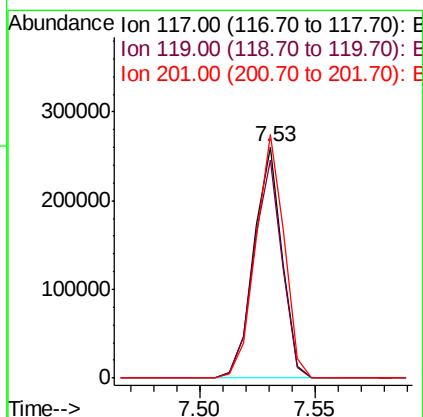
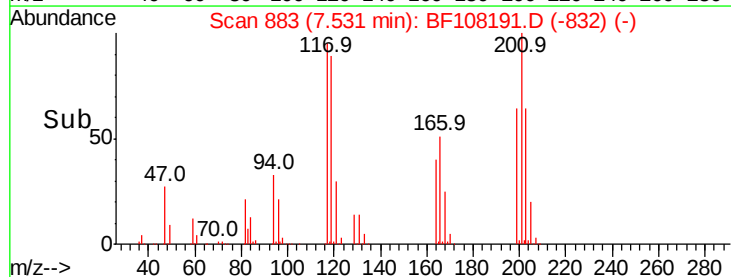
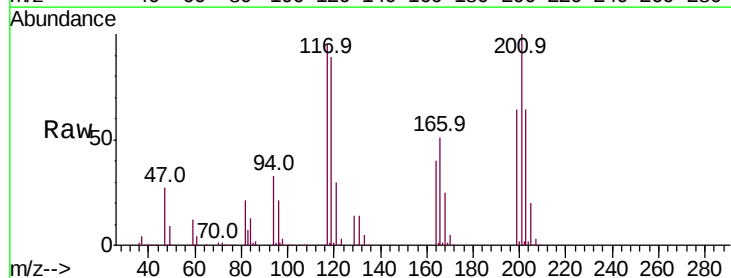
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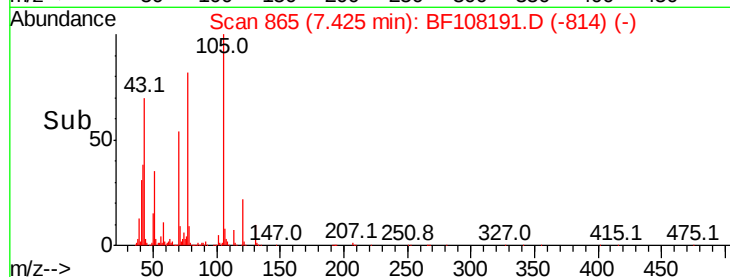
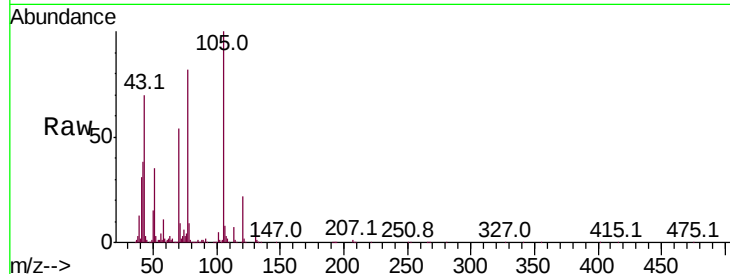
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#18
Hexachloroethane
Concen: 39.260 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	75.8	113.8	
201	105.4	75.7	113.5	





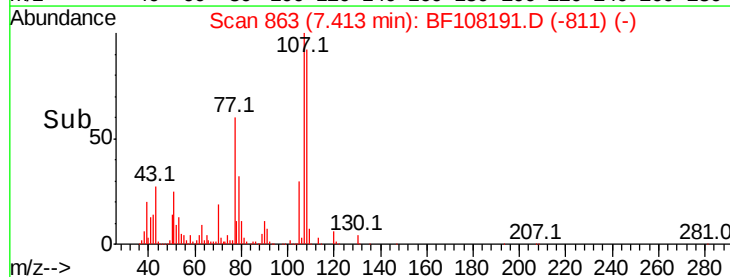
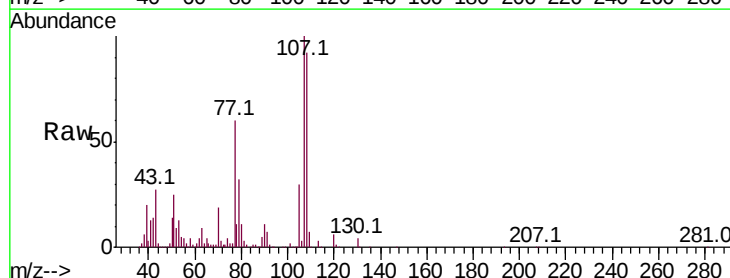
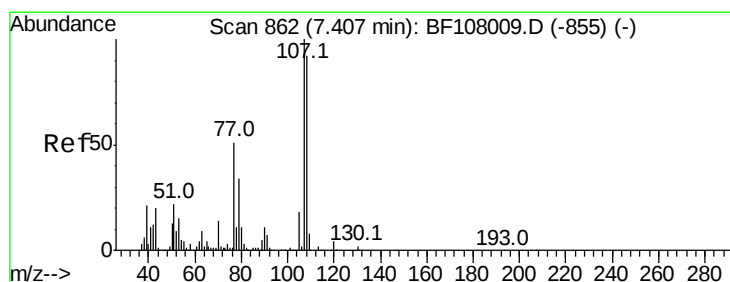
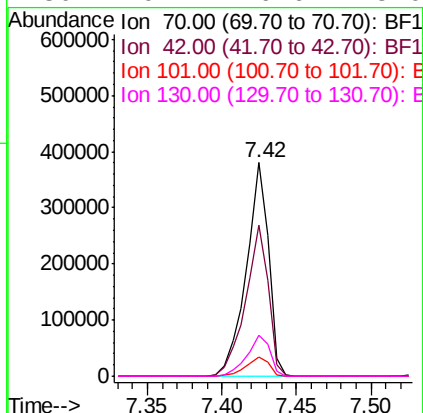
#19
n-Nitroso-di-n-propylamine
Concen: 35.975 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.6	47.5	71.3
101	9.1	7.4	11.2
130	19.1	16.6	25.0

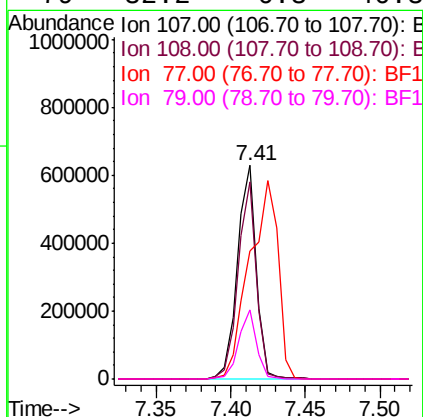
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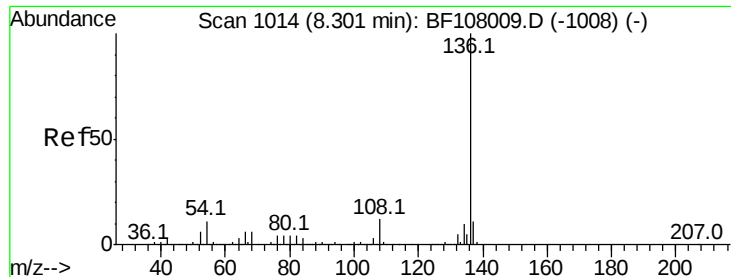
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#20
3+4-Methylphenols
Concen: 37.086 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.2	108.2
77	59.8	26.7	66.7
79	32.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

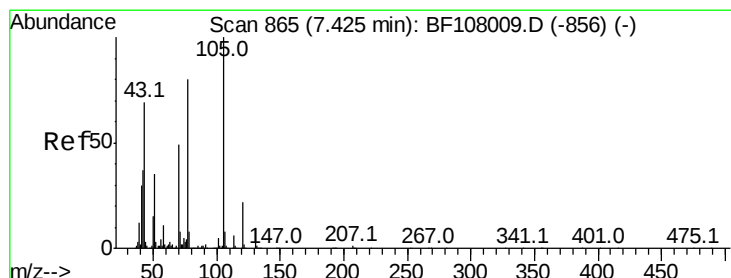
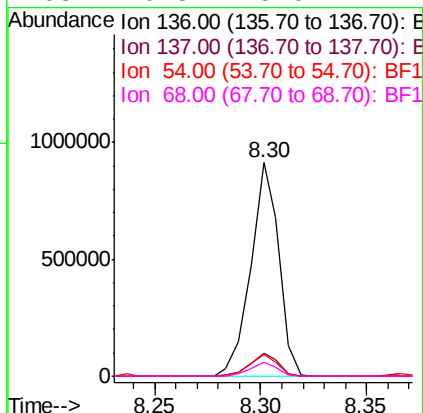
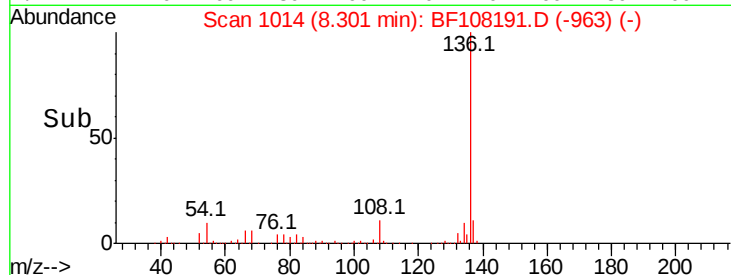
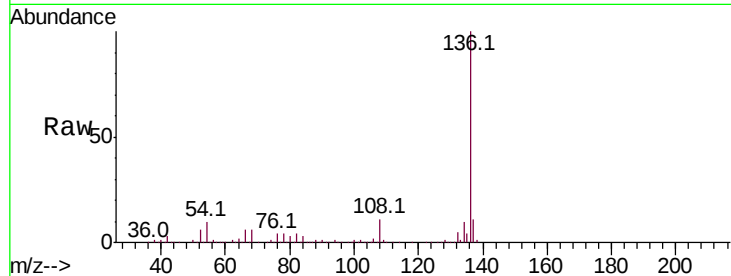
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	10.3	6.6	9.8	
68	6.3	5.0	7.4	

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#22

Acetophenone

Concen: 37.304 ng

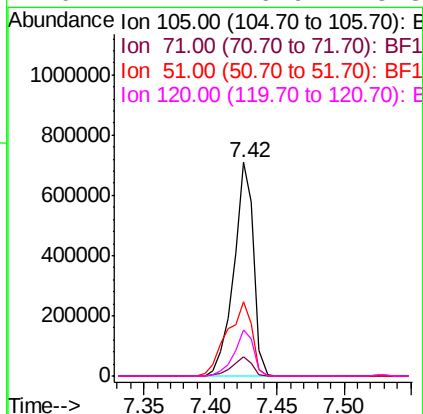
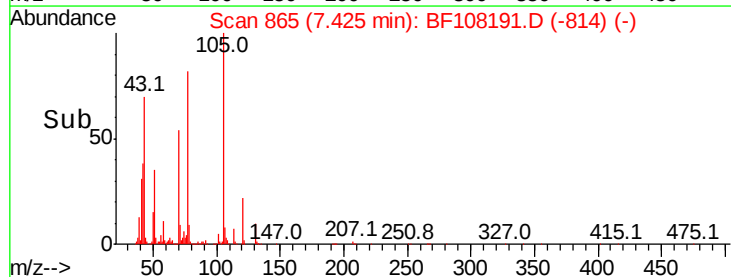
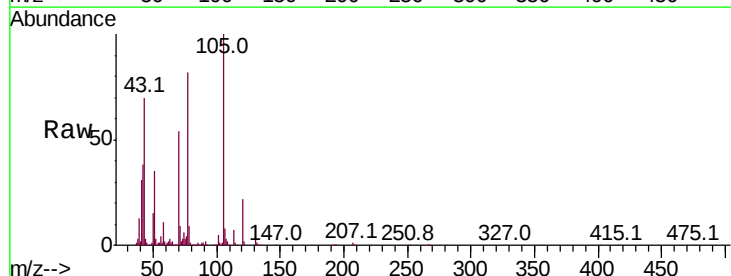
RT: 7.42 min Scan# 865

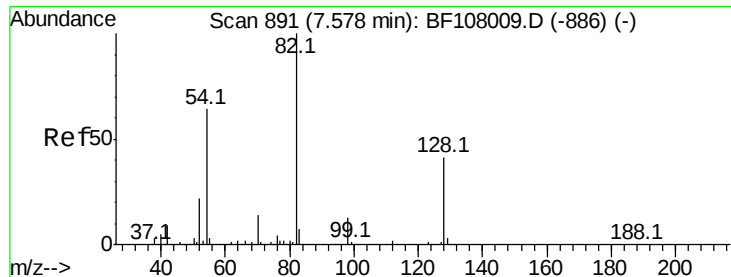
Delta R.T. 0.00 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.0	4.4	6.6	
51	34.9	22.3	33.5	
120	21.7	16.9	25.3	





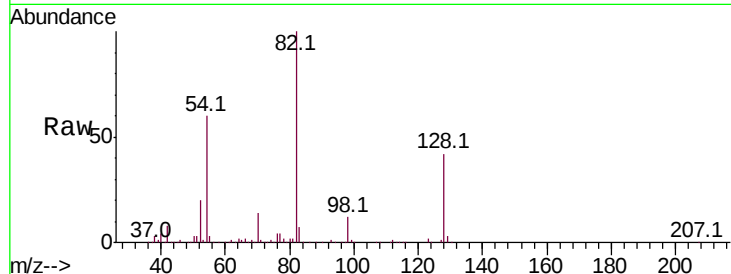
#23
 Nitrobenzene-d5
 Concen: 78.106 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

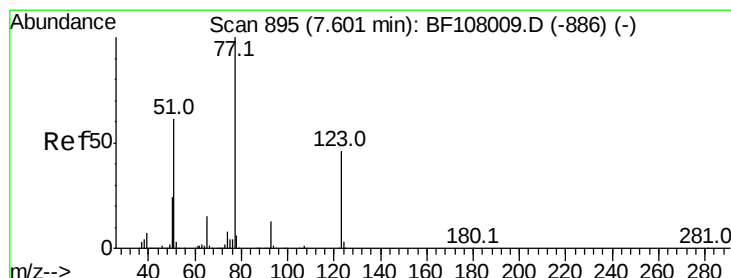
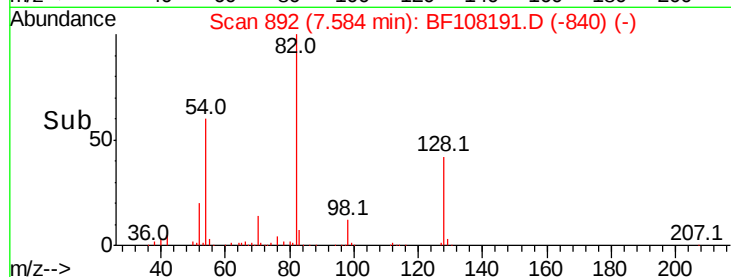
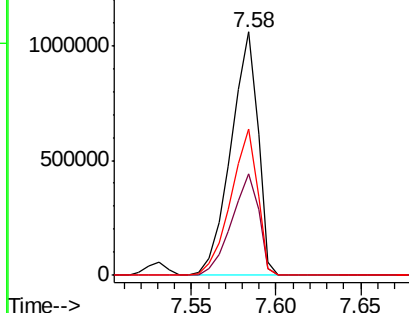
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	59.9	41.4	62.2

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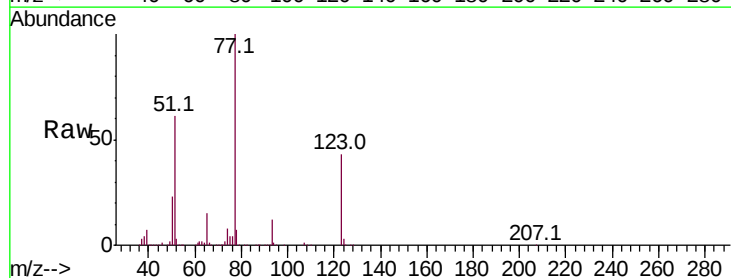


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

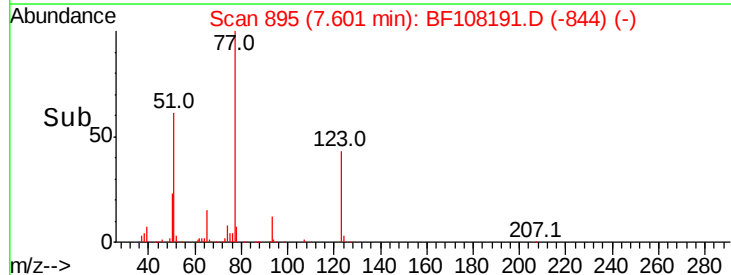
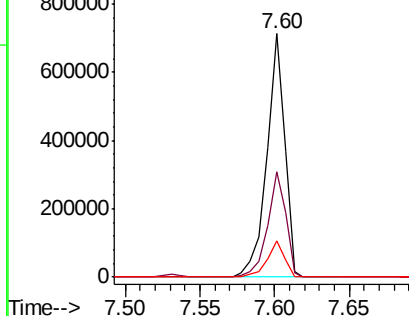


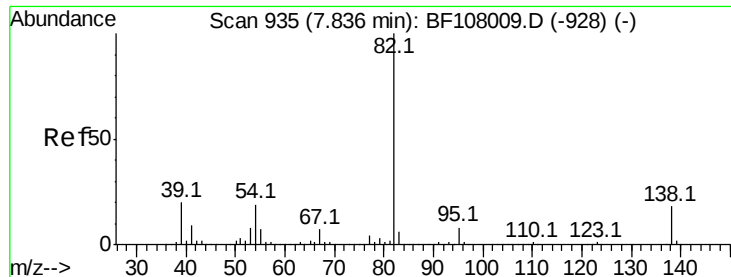
#24
 Nitrobenzene
 Concen: 38.372 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	37.9	56.9
65	14.6	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





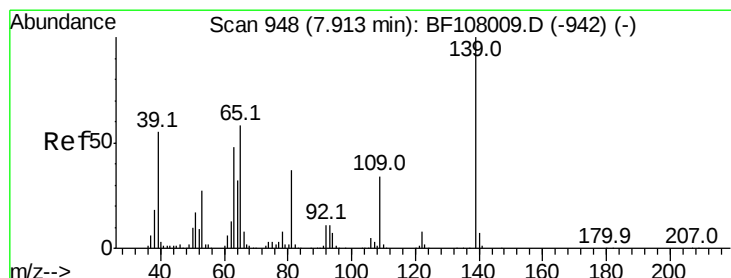
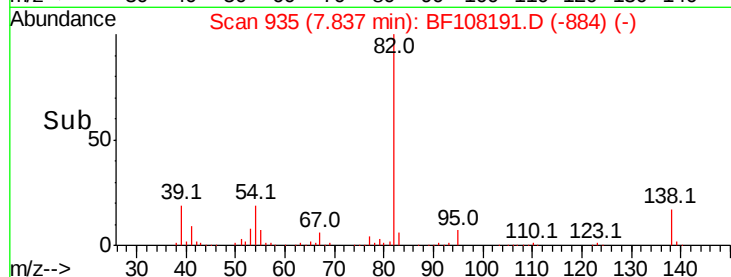
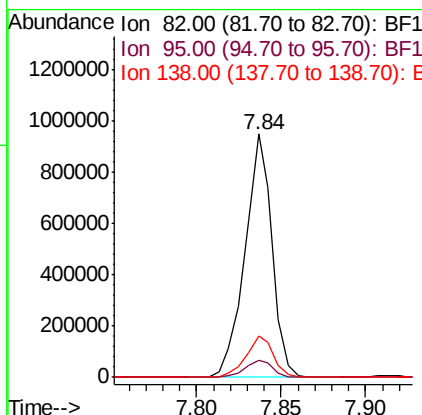
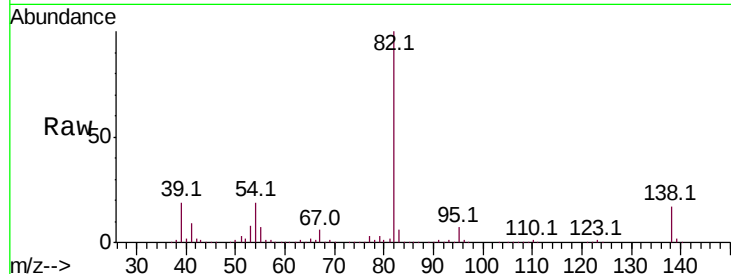
#25
Isophorone
Concen: 36.961 ng
RT: 7.84 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.2	7.8
138	16.9	14.9	22.3

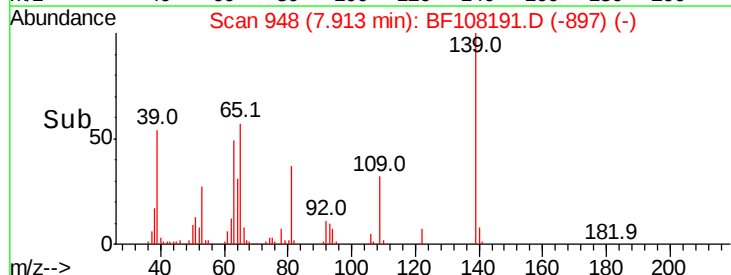
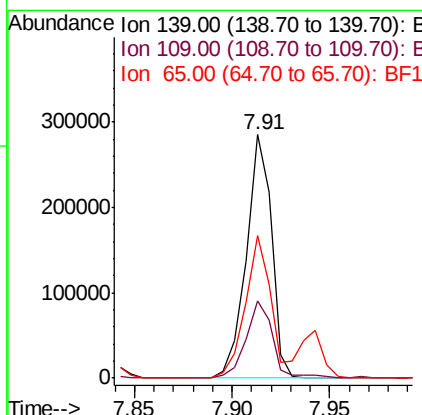
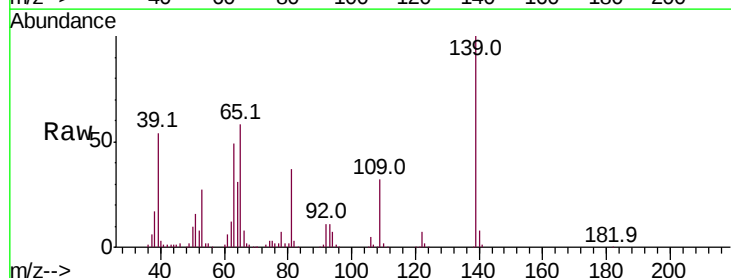
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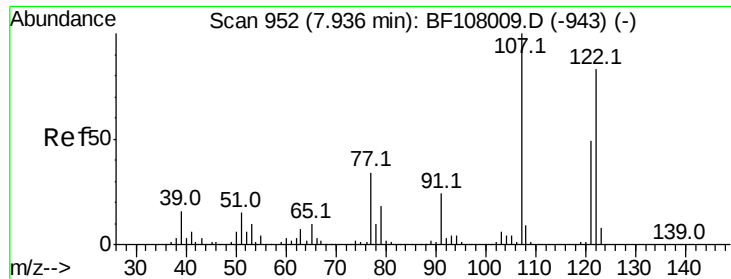
Sohil
8/17/2018 3:30:30 PM



#26
2-Nitrophenol
Concen: 44.570 ng
RT: 7.91 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.7	22.7	34.1
65	58.3	40.5	60.7





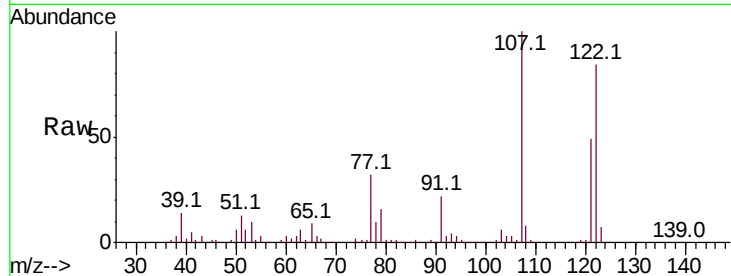
#27
 2,4-Dimethylphenol
 Concen: 38.205 ng
 RT: 7.94 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	486856		
107	119.5	91.2	136.8	
121	58.7	47.2	70.8	

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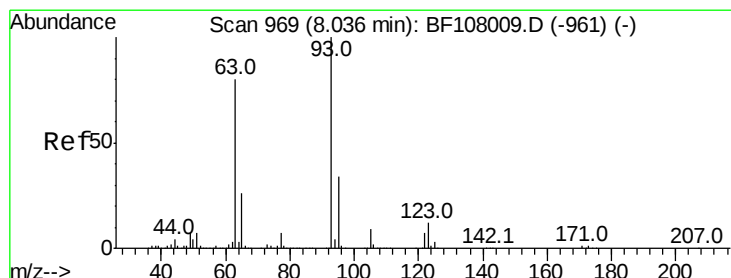
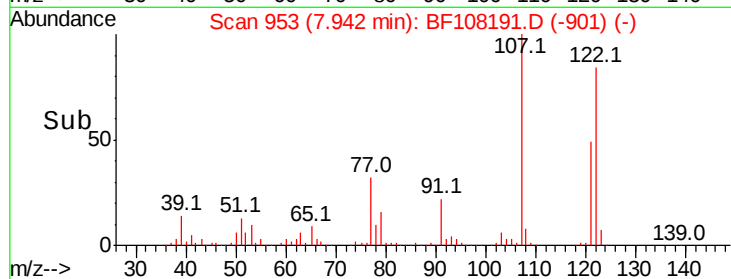
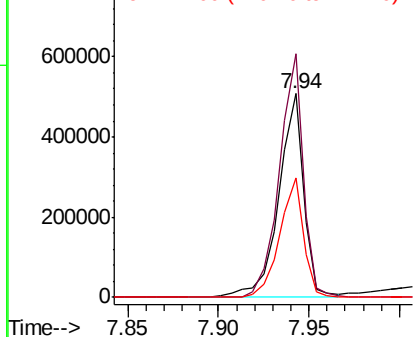


Abundance

Ion 122.00 (121.70 to 122.70): E

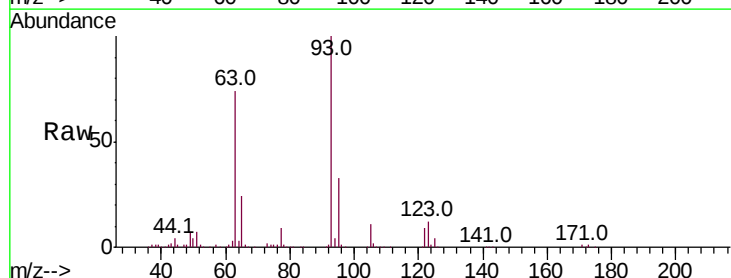
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.825 ng
 RT: 8.04 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	633999		
95	33.4	26.3	39.5	
123	12.0	9.8	14.6	

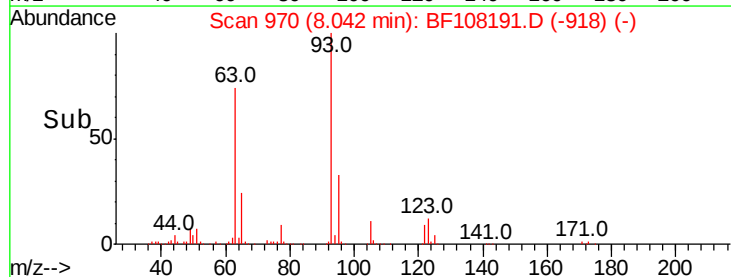
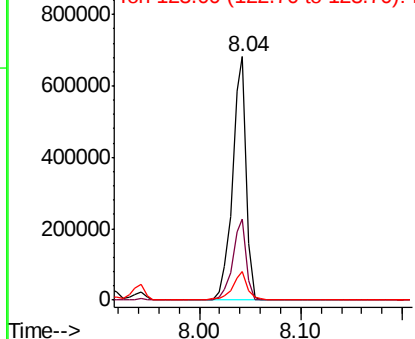


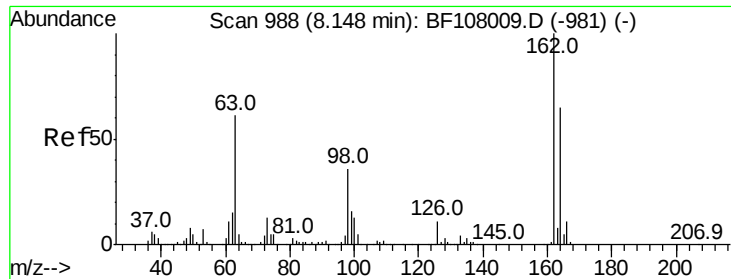
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





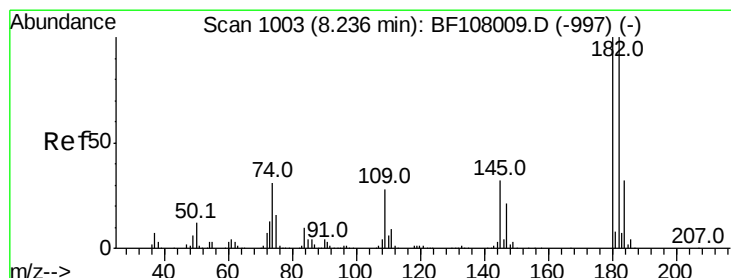
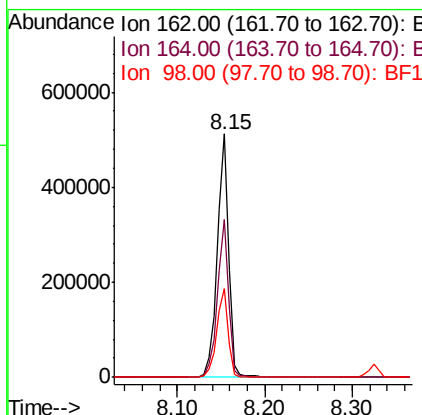
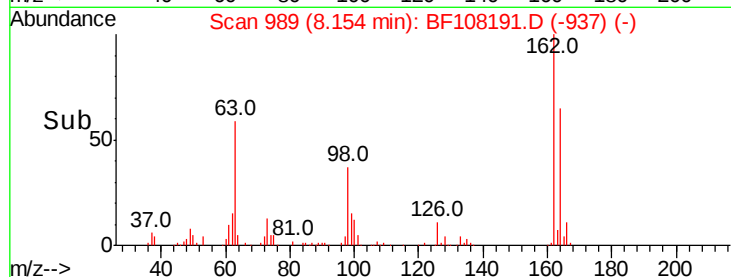
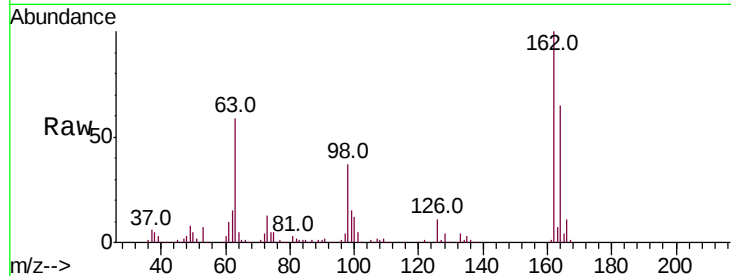
#29
2,4-Dichlorophenol
Concen: 39.703 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	465605		
164	64.9	42.7	82.7	
98	36.6	18.1	58.1	

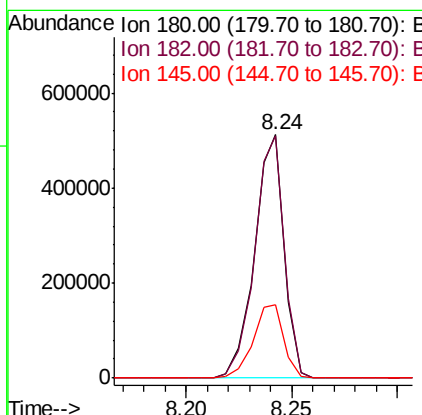
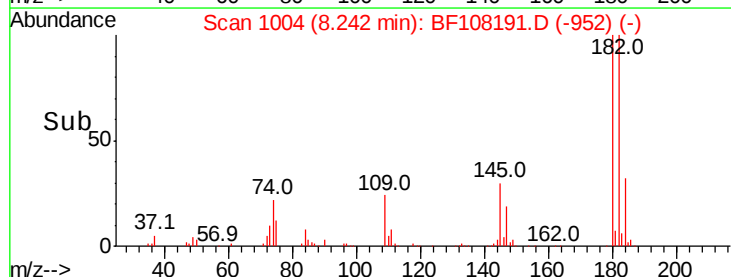
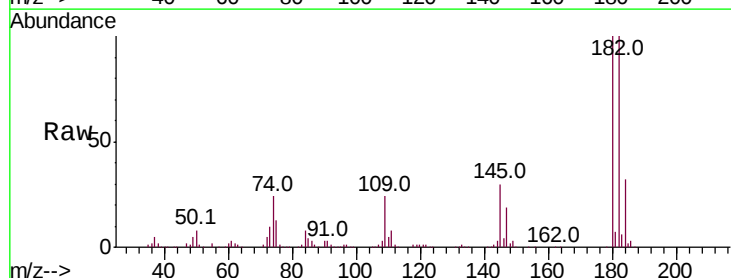
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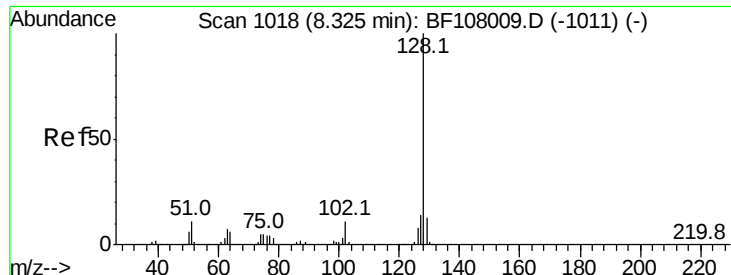
Sohil
8/17/2018 3:30:30 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.285 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	495007		
182	99.7	76.8	115.2	
145	30.4	26.5	39.7	





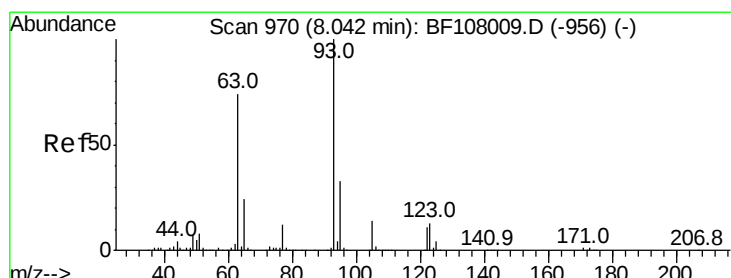
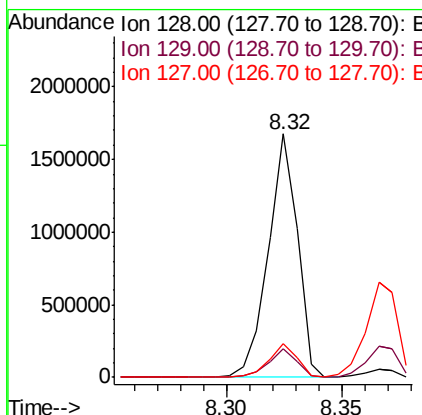
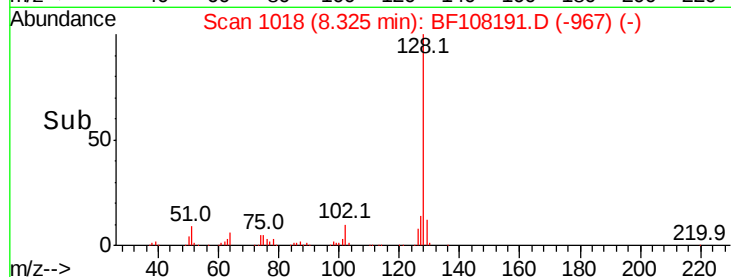
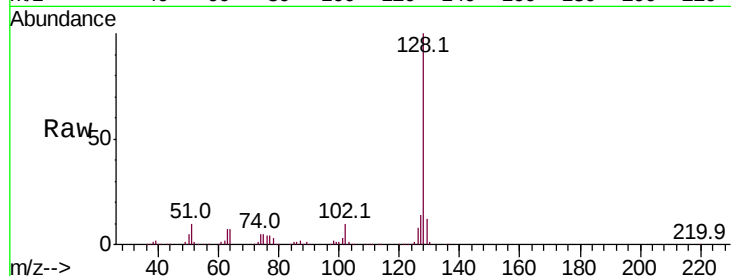
#31
Naphthalene
Concen: 38.537 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	14.0	10.9	16.3

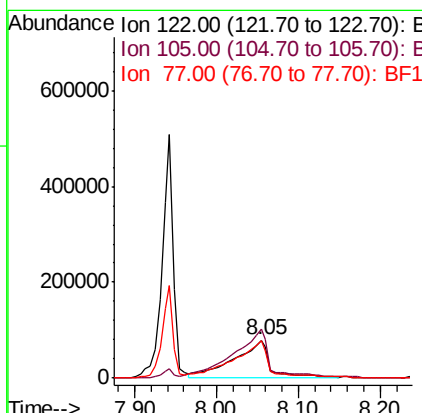
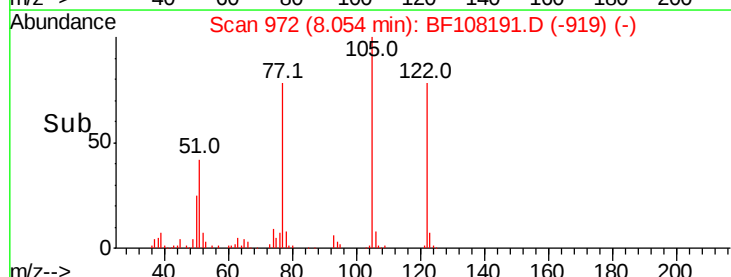
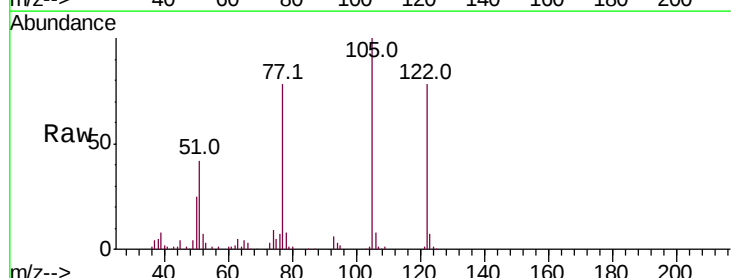
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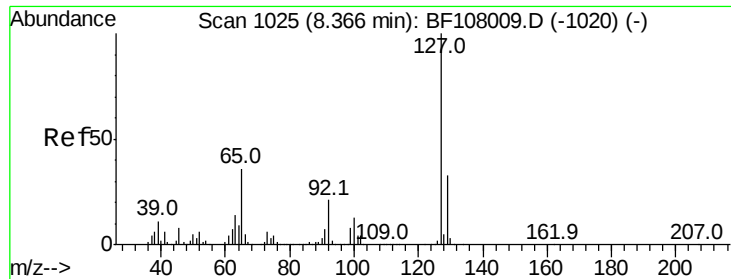
Sohil
8/17/2018 3:30:30 PM



#32
Benzoic acid
Concen: 33.969 ng
RT: 8.05 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.1	101.1	141.1
77	99.3	70.7	110.7





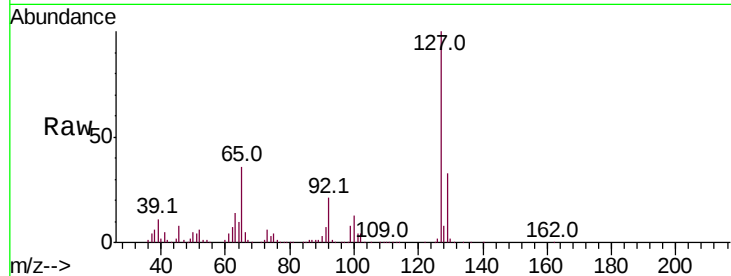
#33
4-Chloroaniline
Concen: 38.086 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

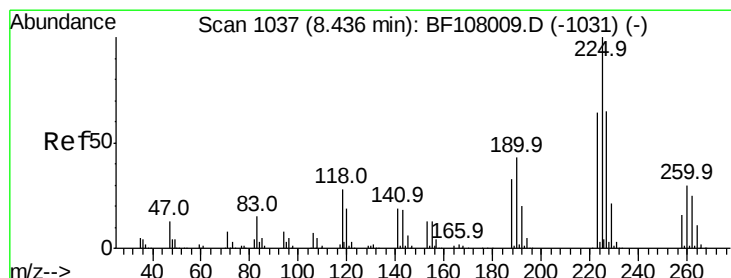
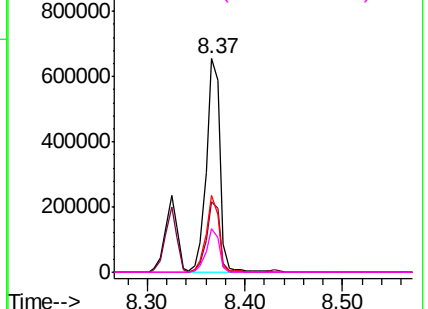
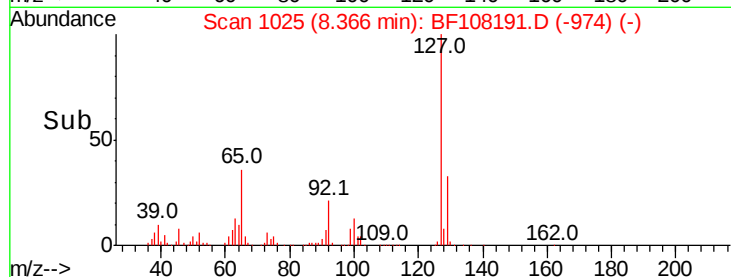
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	25.9	38.9	
65	35.8	25.0	37.4	
92	20.7	15.2	22.8	

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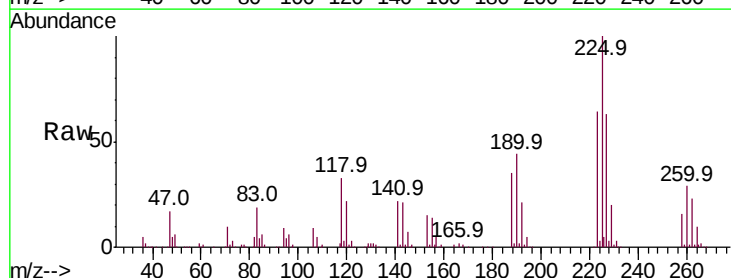


Abundance Ion 127.00 (126.70 to 127.70): E
1000000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

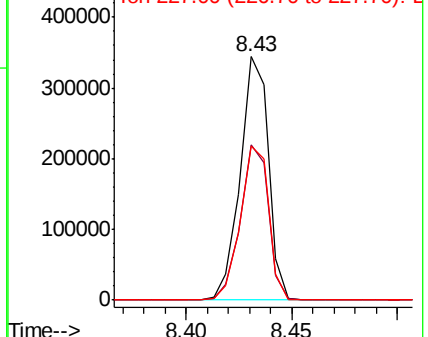
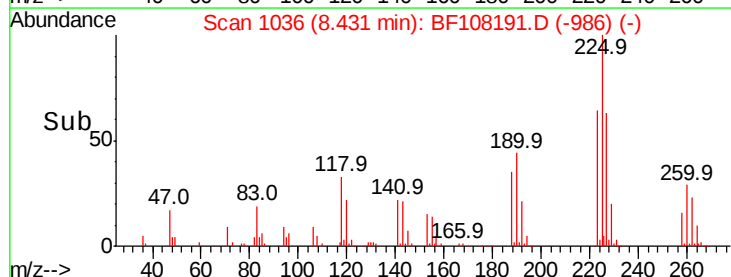


#34
Hexachlorobutadiene
Concen: 38.771 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	50.6	76.0	
227	63.3	51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.805 ng

RT: 8.75 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:113 Resp: 135258
Ion Ratio Lower Upper

113 100

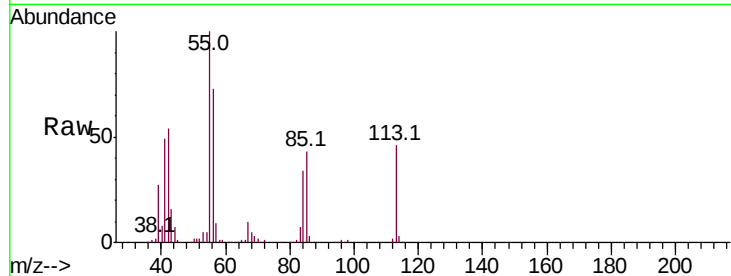
55 216.2 163.3 203.3#

56 158.2 115.7 155.7#

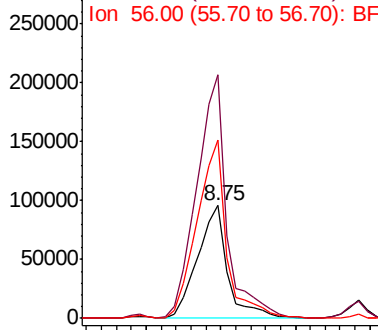
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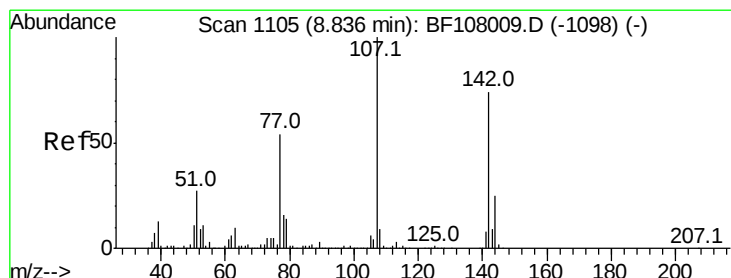
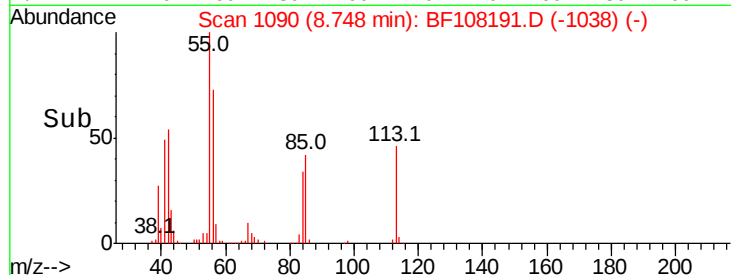
8/17/2018 3:30:30 PM



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



Time-->



#36

4-Chloro-3-methylphenol

Concen: 37.816 ng

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108191.D

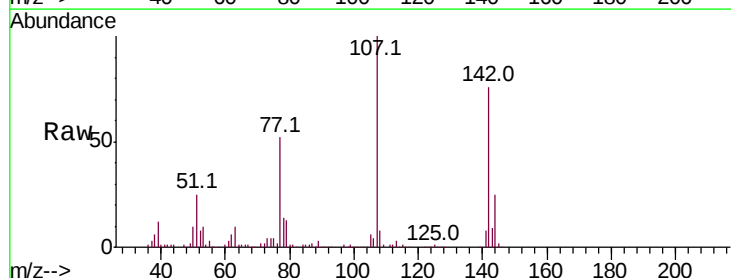
Acq: 16 Aug 2018 13:29

Tgt Ion:107 Resp: 478410
Ion Ratio Lower Upper

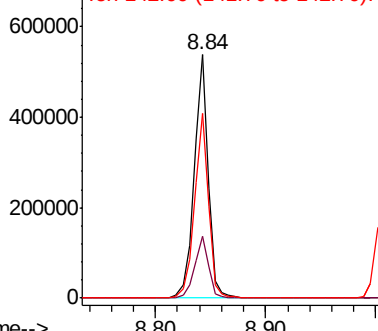
107 100

144 25.2 20.5 30.7

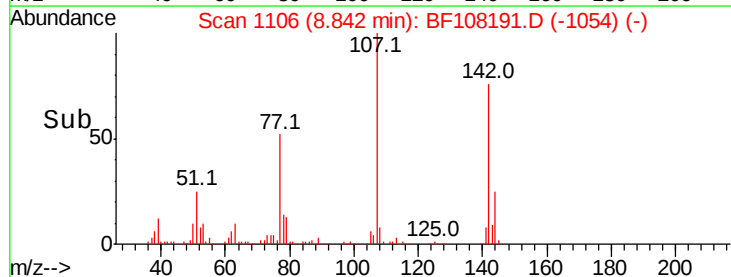
142 75.7 62.0 93.0

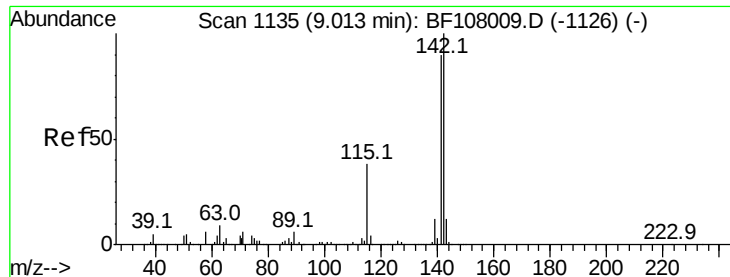


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



Time-->





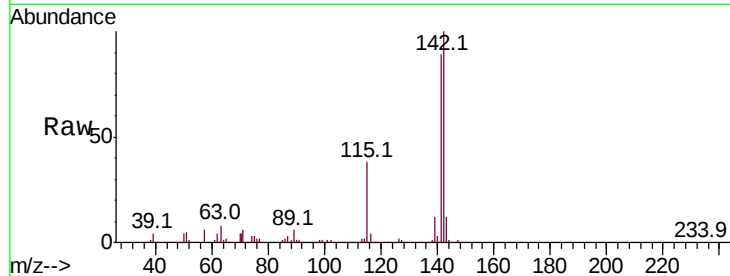
#37
2-Methylnaphthalene
Concen: 37.800 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	37.6	26.1	39.1

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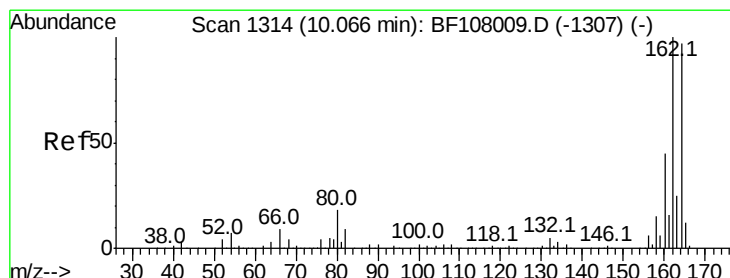
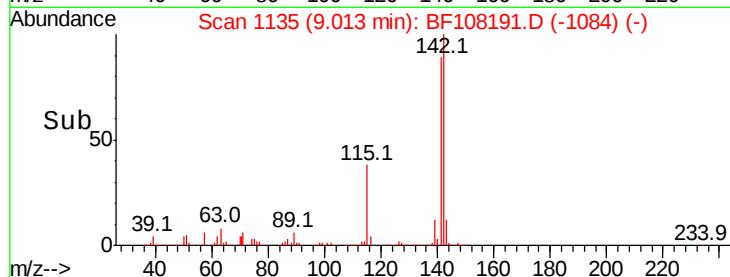
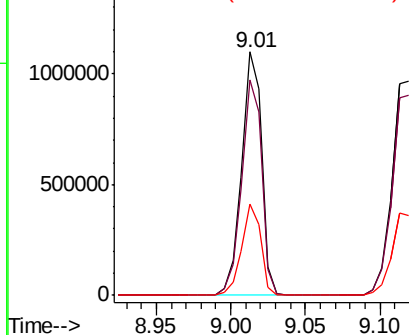


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

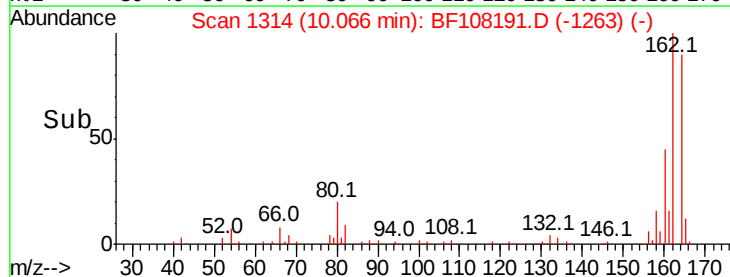
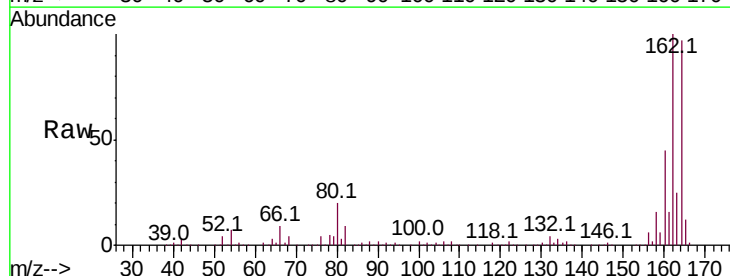
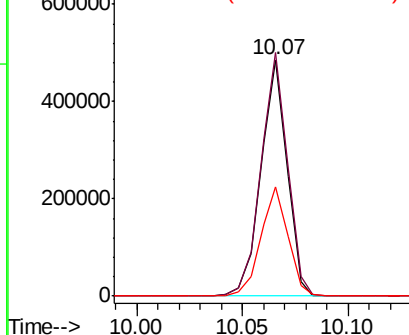
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.0	38.3	57.5

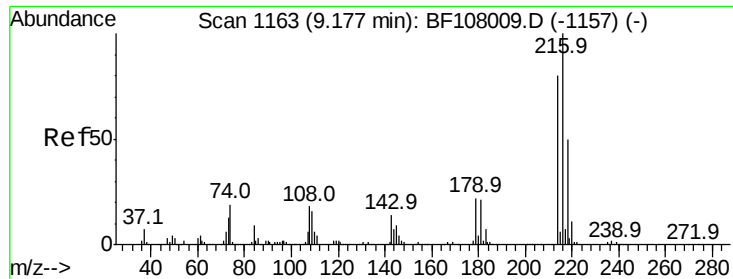
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





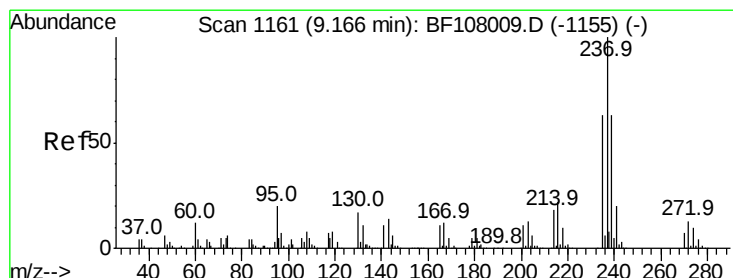
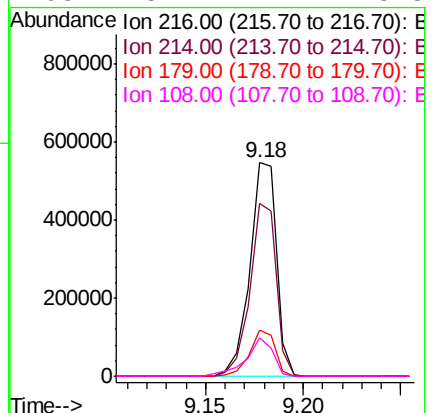
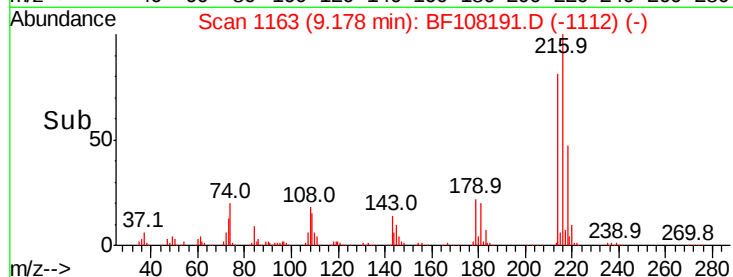
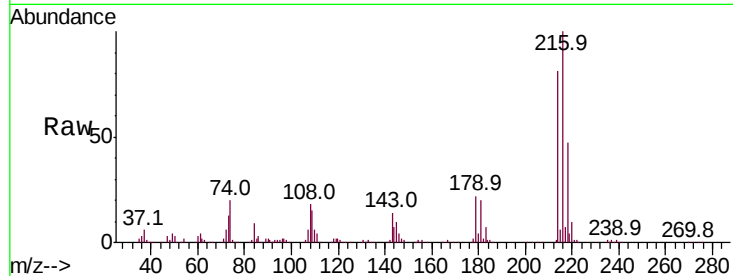
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.140 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	517269		
214	79.6	63.0	94.4	
179	20.7	18.1	27.1	
108	18.4	17.2	25.8	

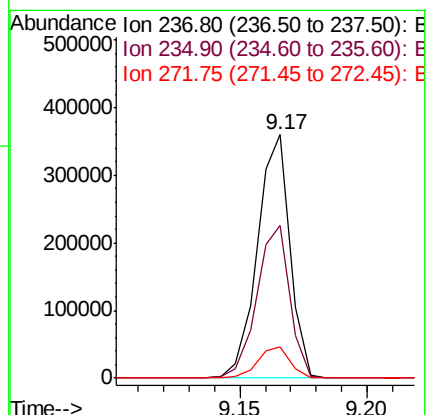
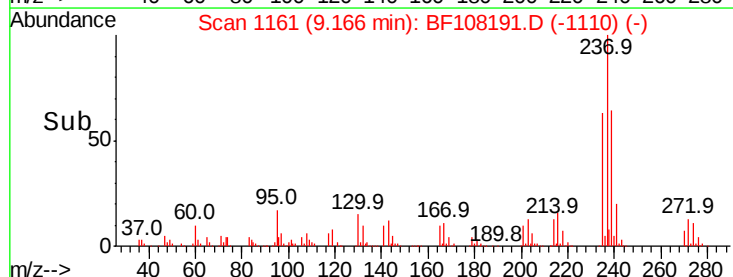
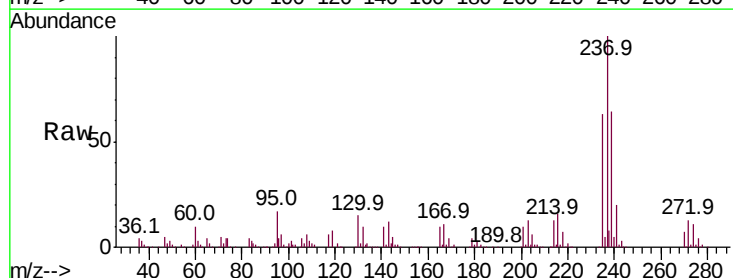
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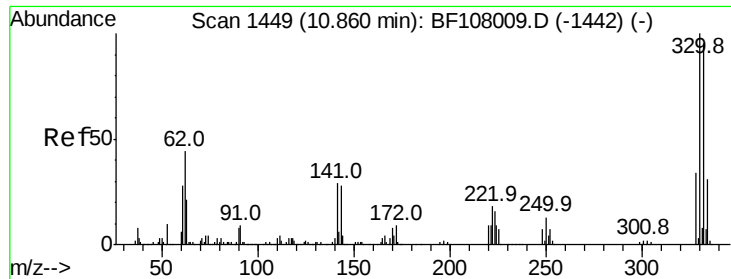
Sohil
 8/17/2018 3:30:30 PM



#40
 Hexachlorocyclopentadiene
 Concen: 38.561 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	320964		
235	62.8	44.8	84.8	
272	12.7	0.0	33.3	





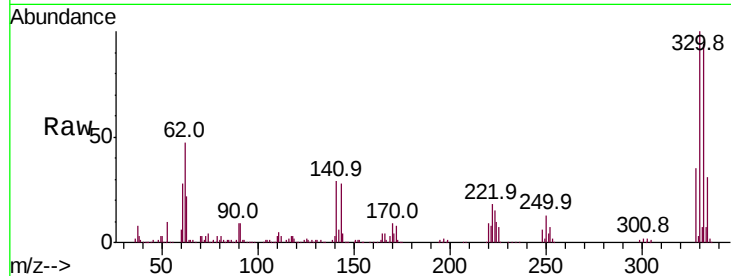
#41
 2,4,6-Tribromophenol
 Concen: 82.636 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	77.0	115.6	
141	32.4	29.9	44.9	

Manual Integrations
 APPROVED

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 8/17/2018 3:30:30 PM

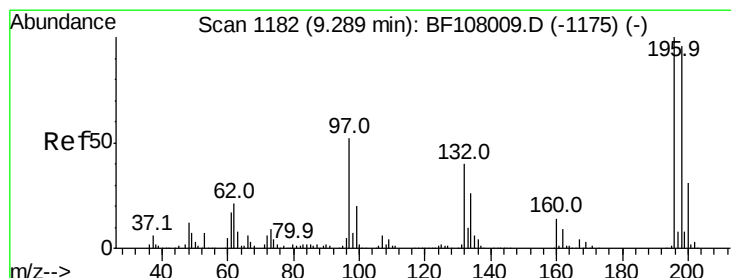
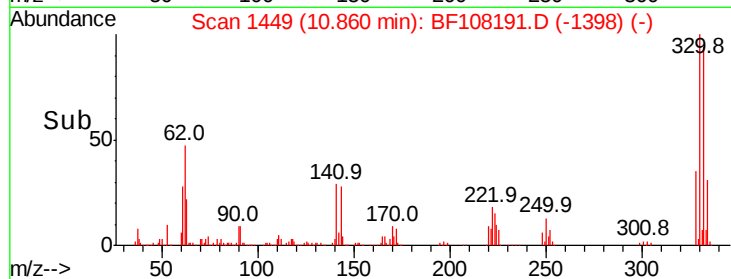
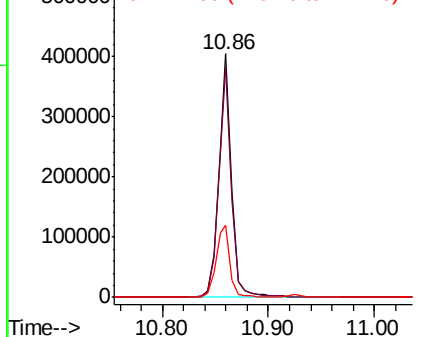


Abundance

Ion 329.80 (329.50 to 330.50): E

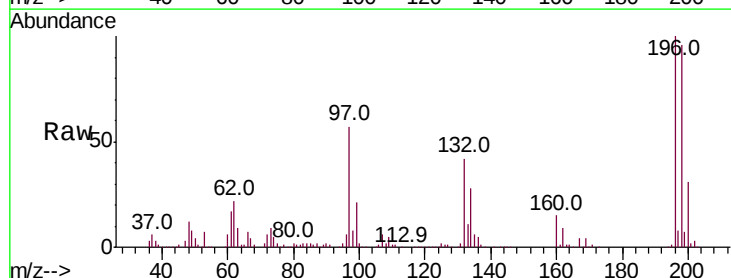
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.838 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.7	75.7	113.5	
200	31.3	24.5	36.7	

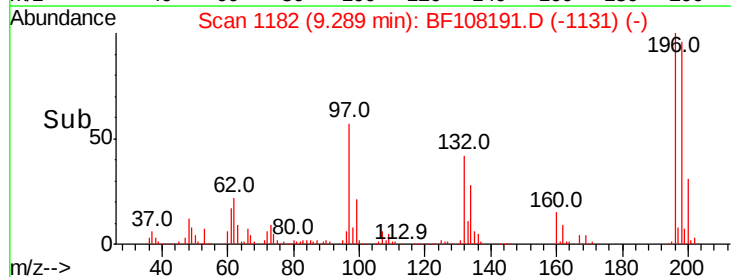
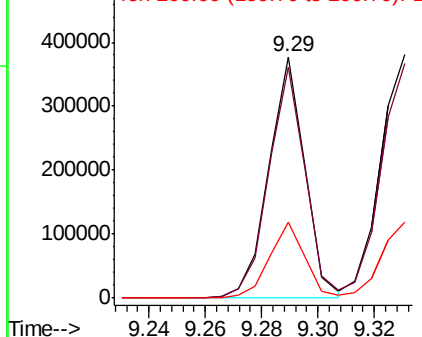


Abundance

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





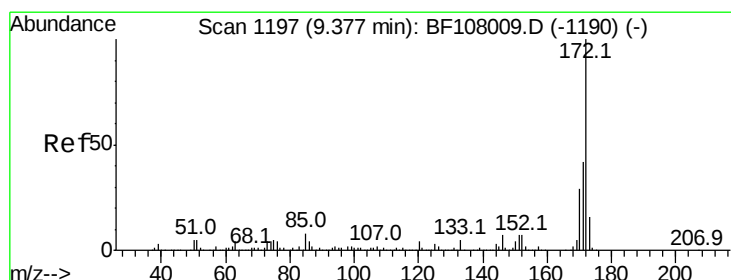
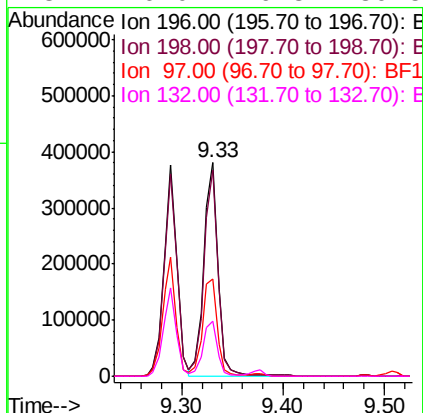
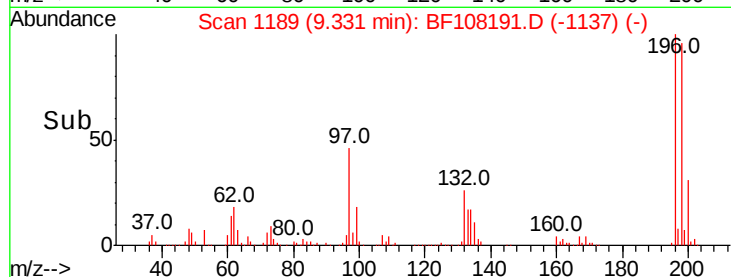
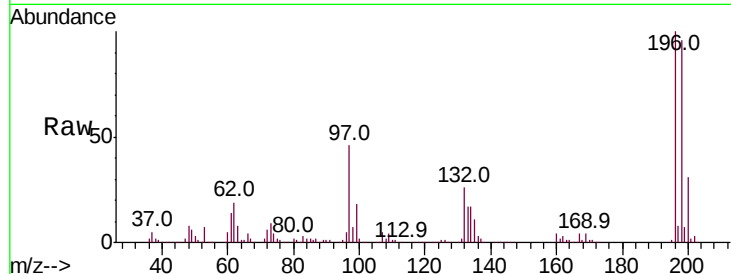
#43
 2,4,5-Trichlorophenol
 Concen: 41.870 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	368578		
198	96.4	74.6	112.0	
97	45.7	42.9	64.3	
132	26.0	26.3	39.5#	

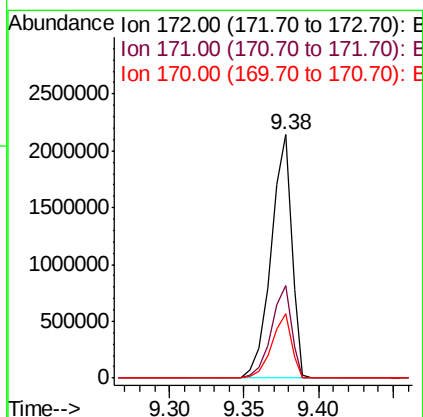
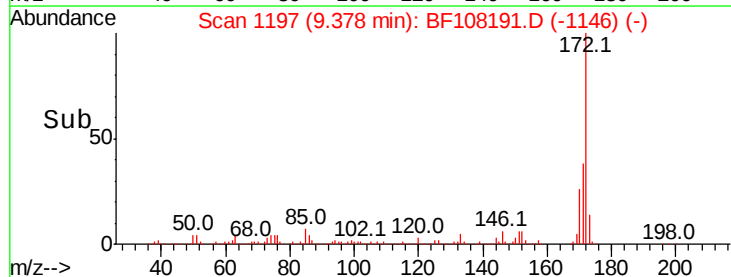
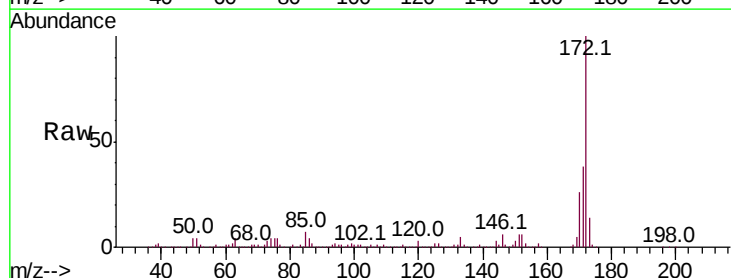
Manual Integrations
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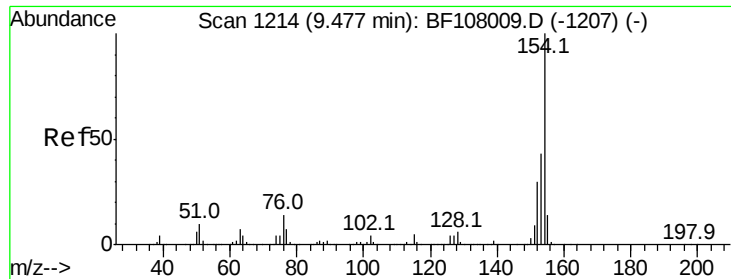
Sohil
 8/17/2018 3:30:30 PM



#44
 2-Fluorobiphenyl
 Concen: 78.267 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2045704		
171	38.0	29.7	44.5	
170	26.2	19.6	29.4	





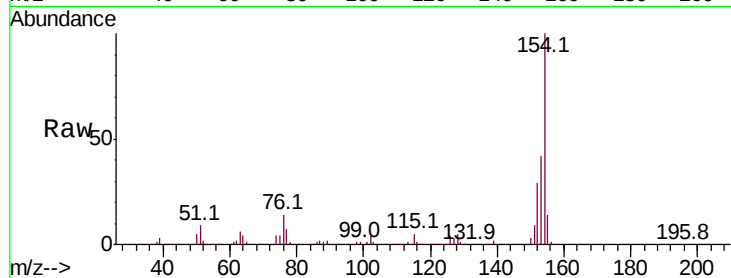
#45
 1,1'-Biphenyl
 Concen: 39.275 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.3	61.3
76	13.9	0.0	34.0

Manual Integrations
 APPROVED

Sohil
 8/17/2018 3:30:30 PM

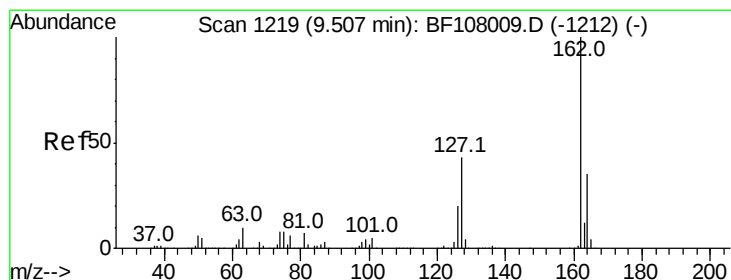
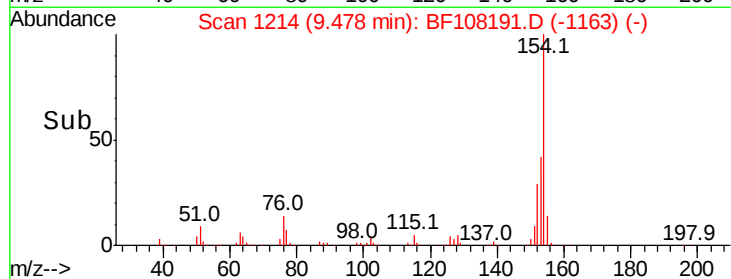
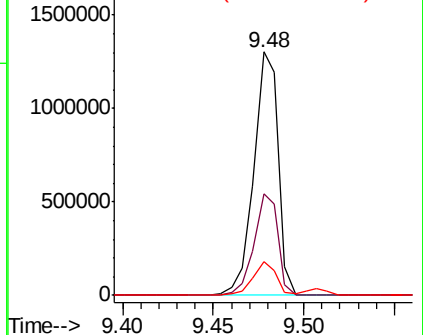


Abundance

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: 39.355 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

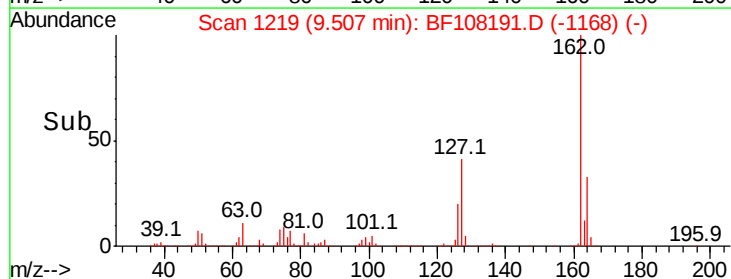
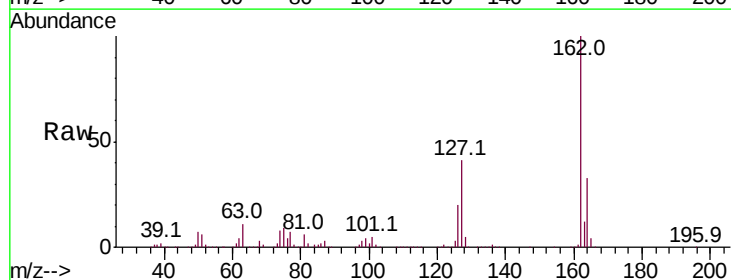
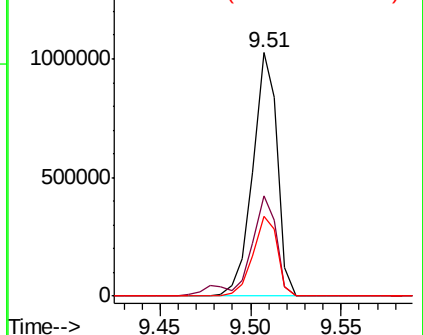
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	32.7	26.5	39.7

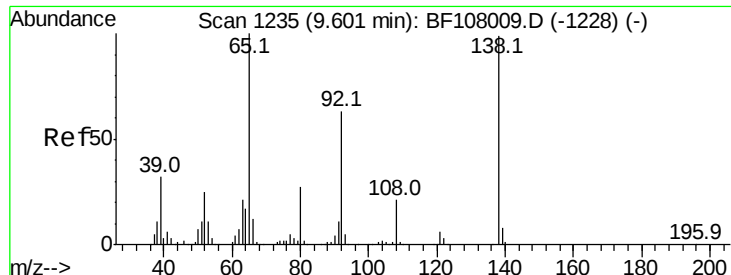
Abundance

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





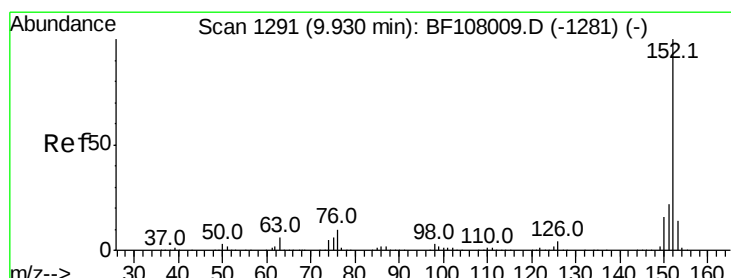
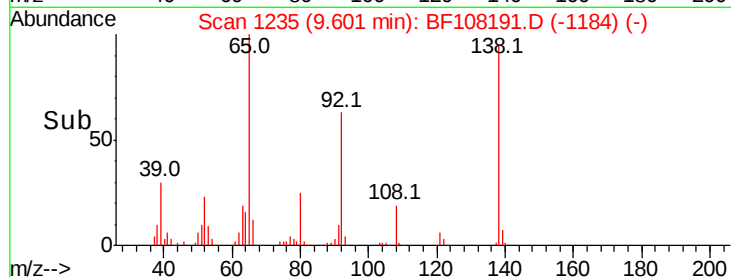
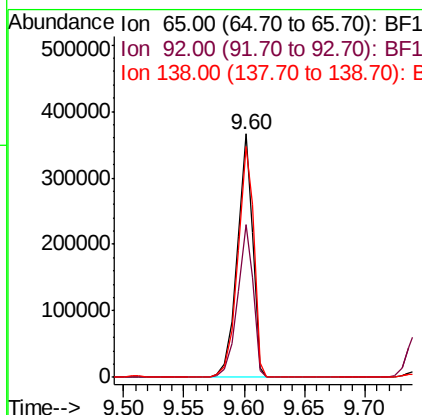
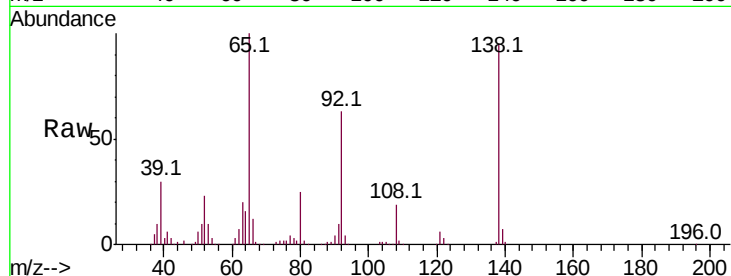
#47
2-Nitroaniline
Concen: 41.256 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	55.8	83.6
138	94.7	91.2	136.8

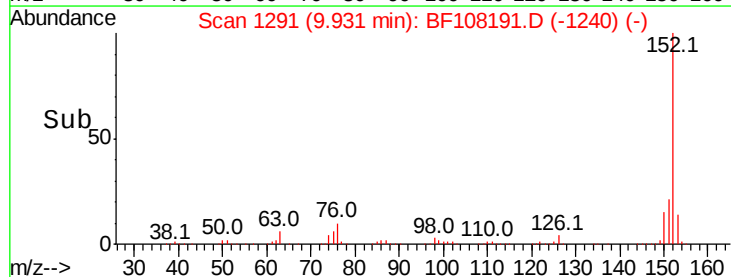
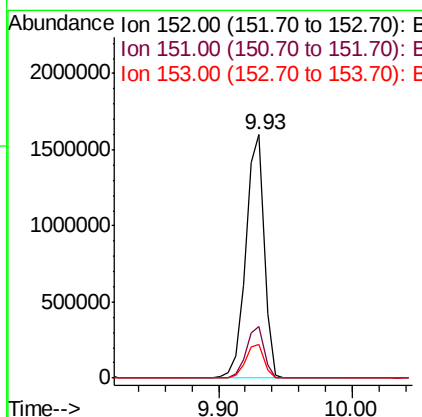
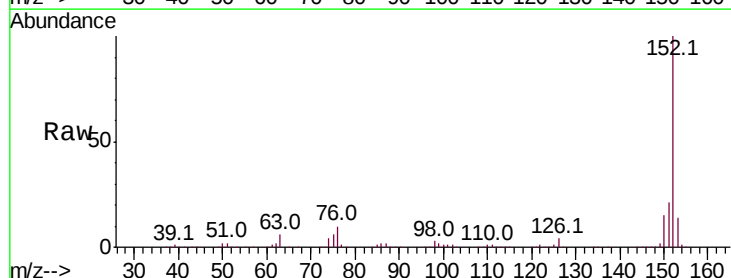
Manual Integrations
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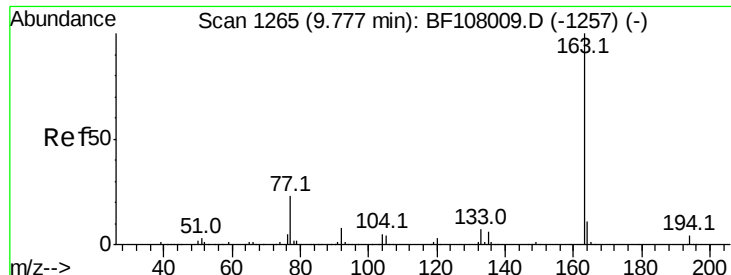
Sohil
8/17/2018 3:30:30 PM



#48
Acenaphthylene
Concen: 38.855 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	13.7	10.7	16.1





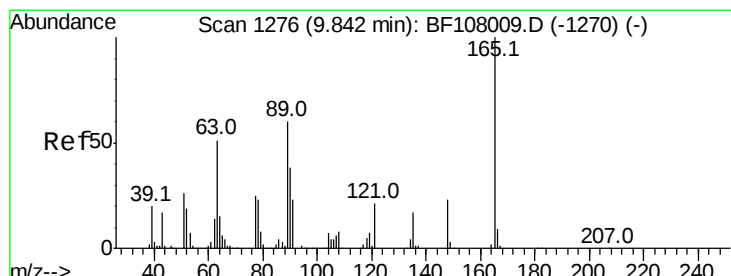
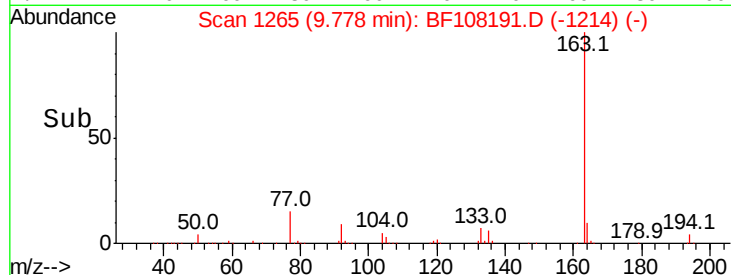
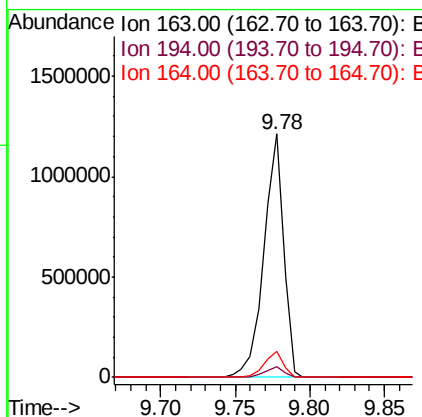
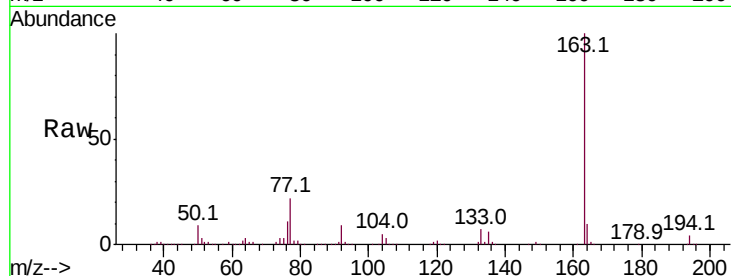
#49
Dimethylphthalate
Concen: 37.551 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.5	8.2	12.2

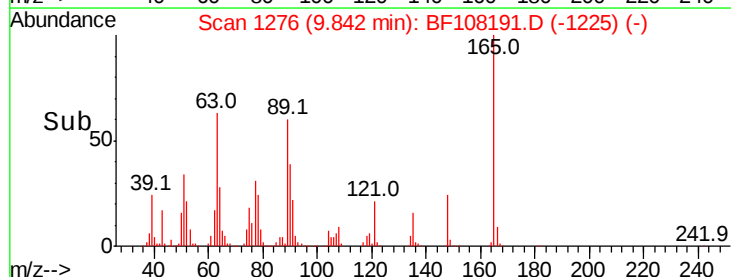
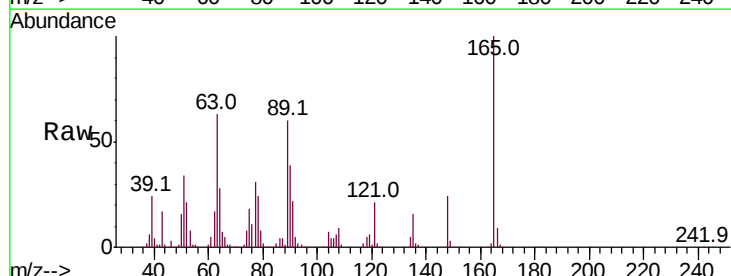
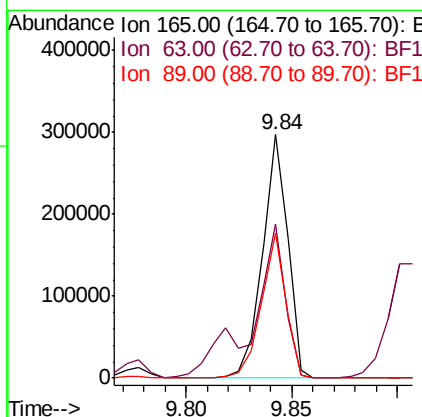
Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:30 PM



#50
2,6-Dinitrotoluene
Concen: 40.449 ng
RT: 9.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.2	44.7	67.1
89	59.7	44.0	66.0





#51

Acenaphthene

Concen: 38.850 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

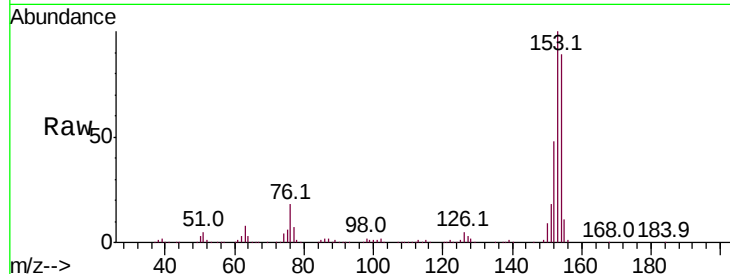
ClientSampleId :

SSTDCCC040

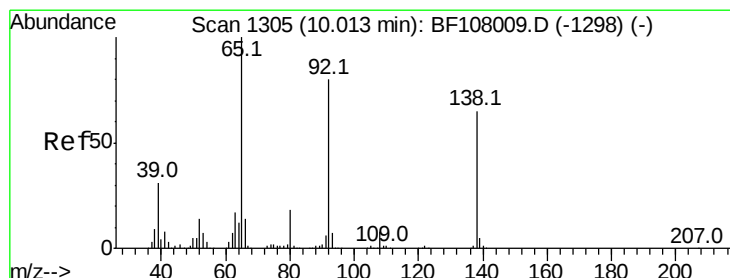
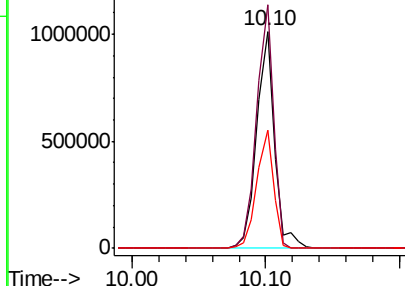
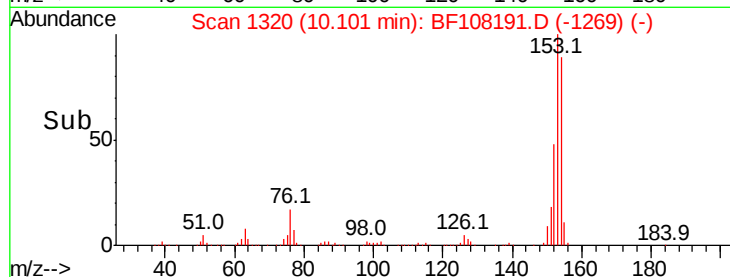
Tot Ion:	154	Resp:	919917
Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.2	136.8
152	54.3	43.8	65.8

Manual Integrations
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8/17/2018 3:30:30 PM



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: 40.025 ng

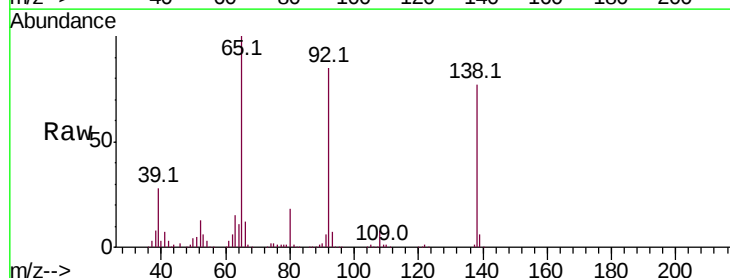
RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

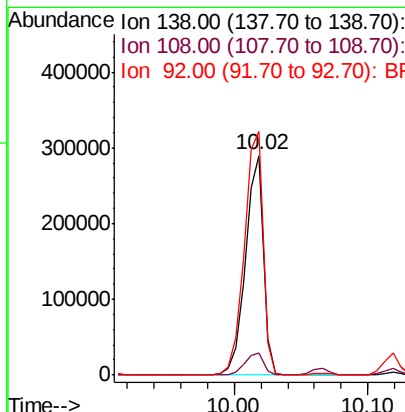
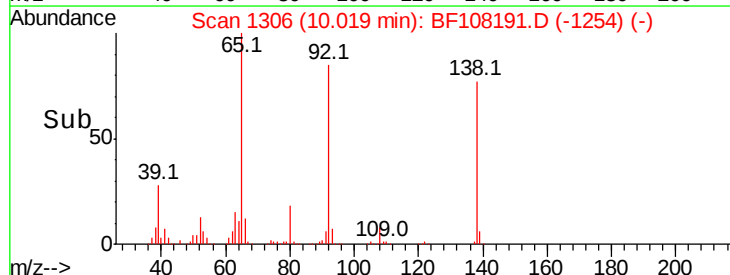
Lab File: BF108191.D

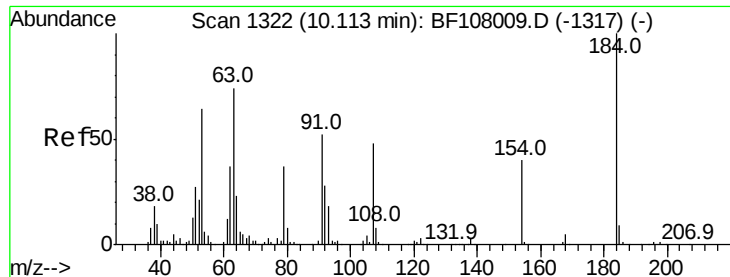
Acq: 16 Aug 2018 13:29

Tgt Ion:	138	Resp:	267818
Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	110.9	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





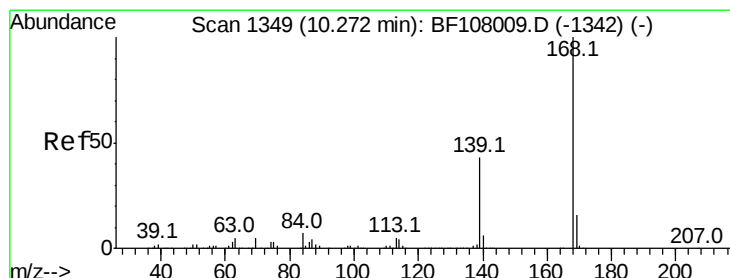
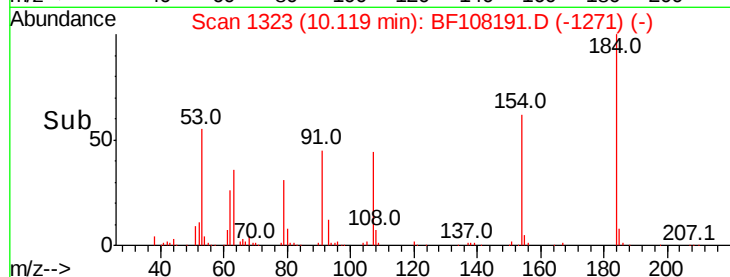
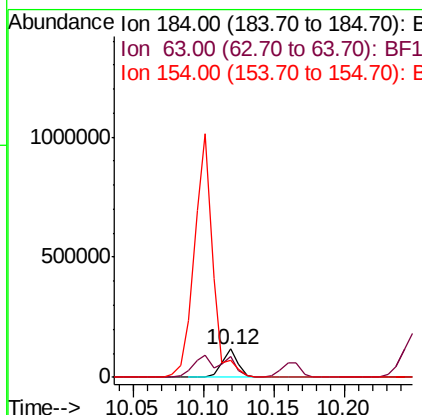
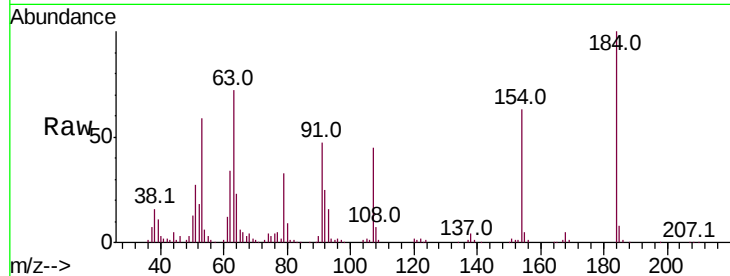
#53
2,4-Dinitrophenol
Concen: 44.648 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.0	54.2	81.2
154	62.5	184.0	276.0#

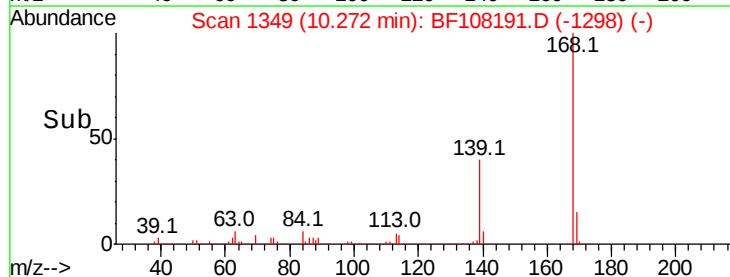
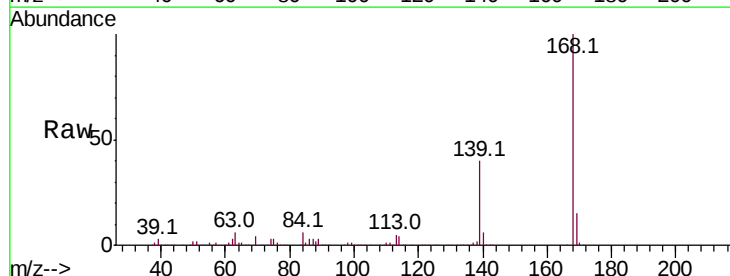
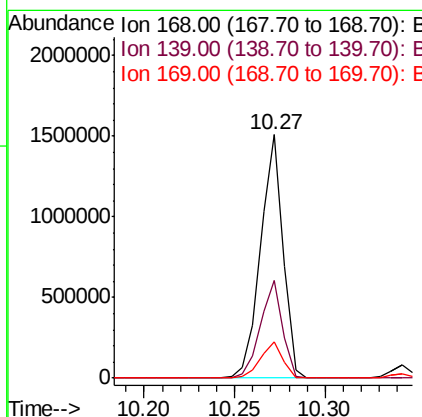
Manual Integrations
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8/17/2018 3:30:30 PM



#54
Dibenzofuran
Concen: 38.022 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.1	45.1
169	15.0	10.9	16.3





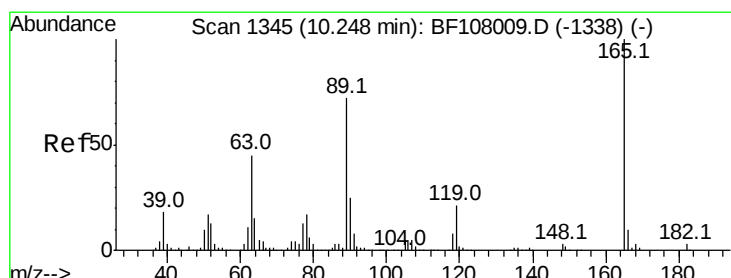
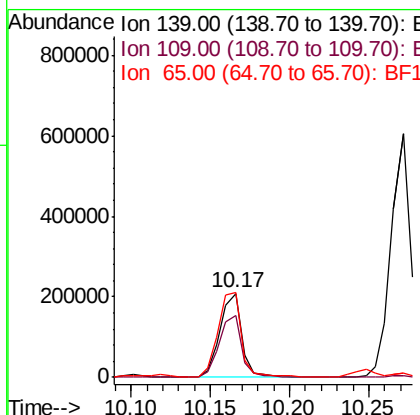
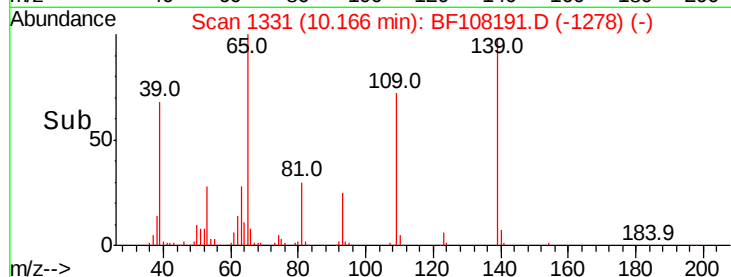
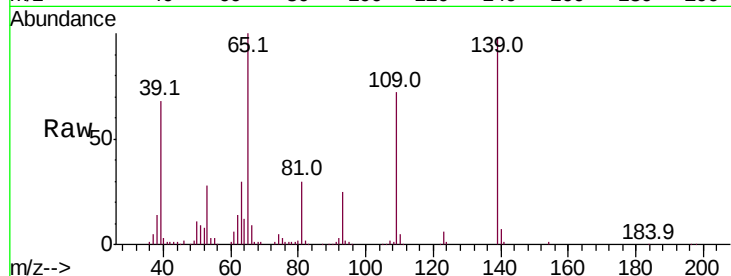
#55
4-Nitrophenol
Concen: 39.959 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	73.3	48.4	88.4	
65	101.9	72.6	112.6	

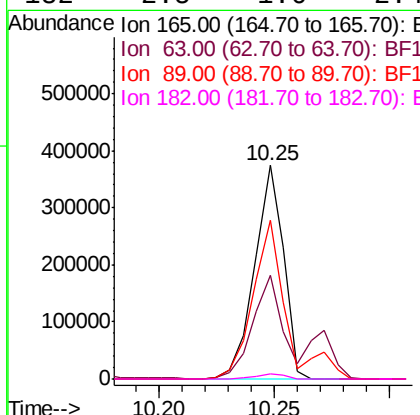
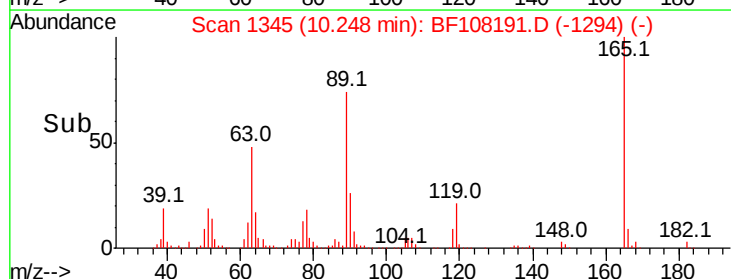
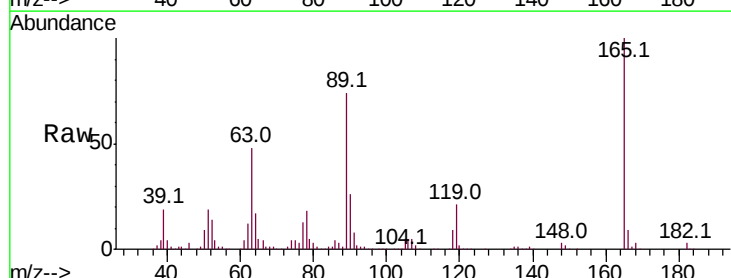
Manual Integrations
APPROVED

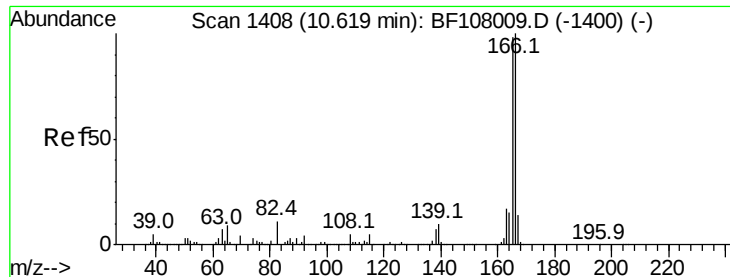
Sohil
8/17/2018 3:30:30 PM



#56
2,4-Dinitrotoluene
Concen: 41.955 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.3	36.4	54.6	
89	74.2	57.8	86.6	
182	2.5	1.6	2.4	#





#57

Fluorene

Concen: 38.161 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1036302

Ion Ratio Lower Upper

166 100

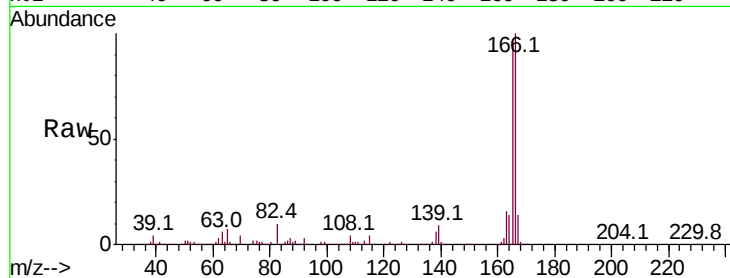
165 97.4 79.8 119.8

167 13.6 10.6 16.0

Manual Integrations
APPROVED

Sohil

8/17/2018 3:30:30 PM

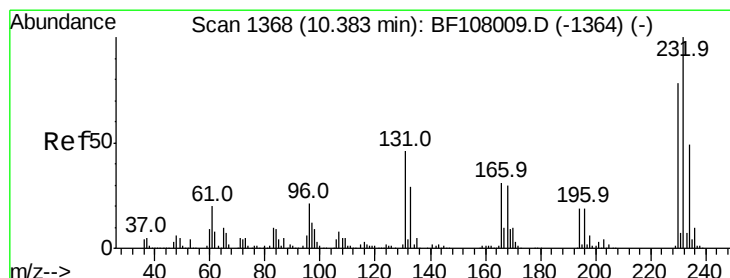
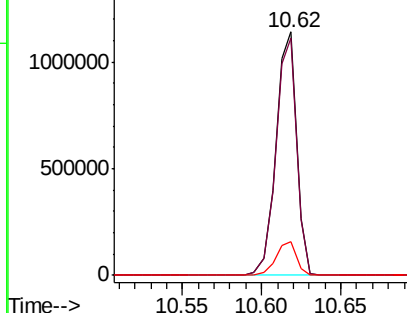
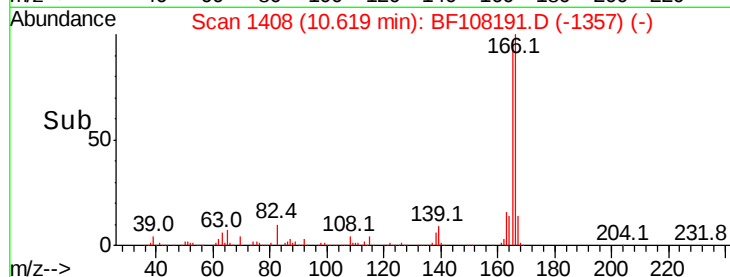


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.990 ng

RT: 10.38 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Tgt Ion:232 Resp: 301590

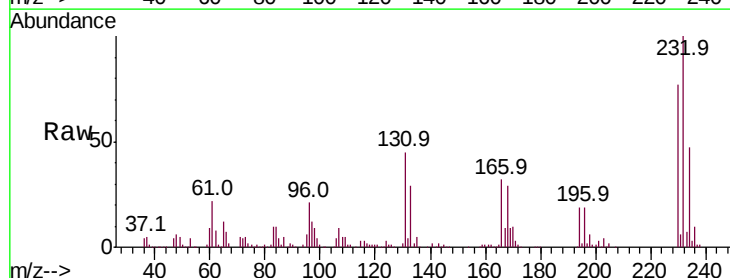
Ion Ratio Lower Upper

232 100

131 42.0 43.8 65.8#

130 2.1 2.1 3.1

166 29.3 27.8 41.6



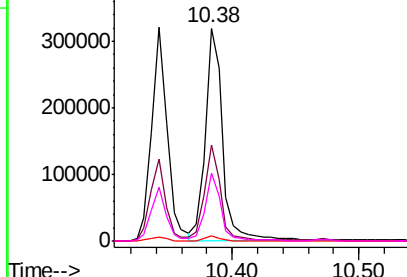
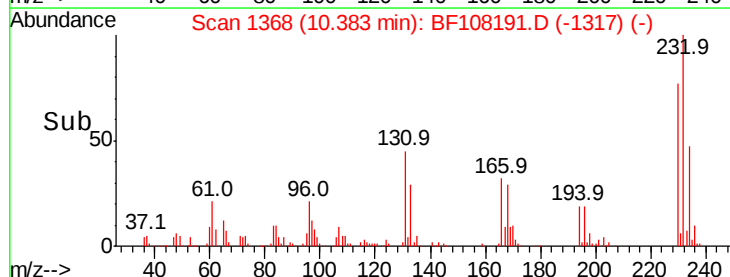
Abundance

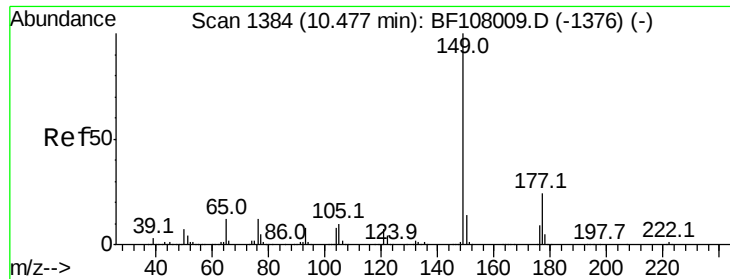
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





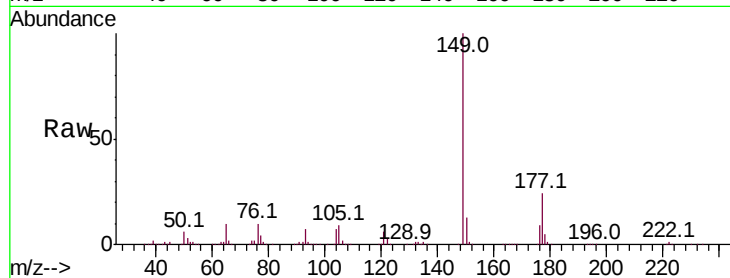
#59
Diethylphthalate
Concen: 37.193 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

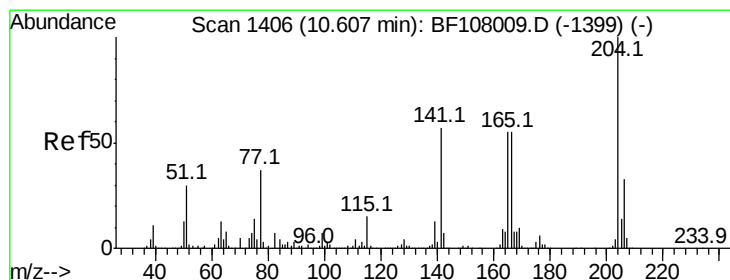
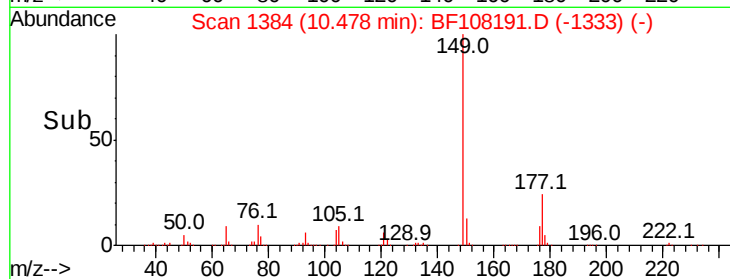
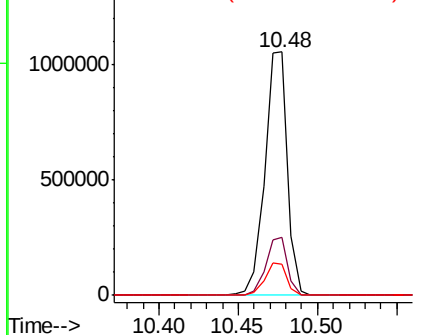
Tot Ion:	149	Resp:	1052743
Ion	Ratio	Lower	Upper
149	100		
177	23.7	16.1	24.1
150	12.8	10.1	15.1

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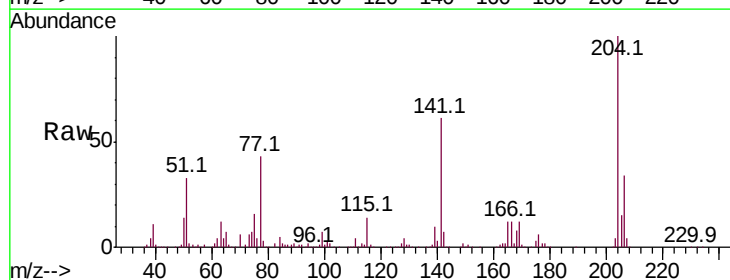


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

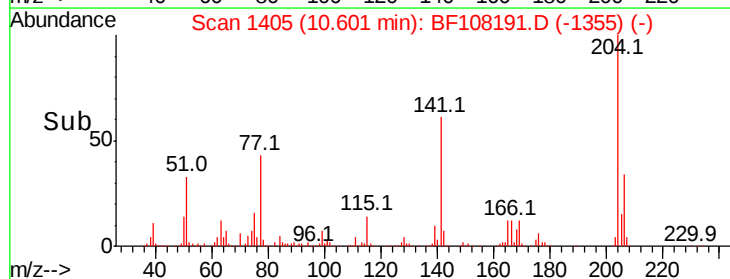
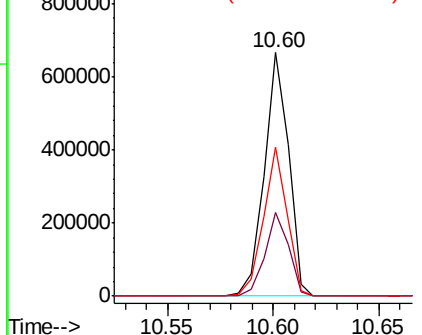


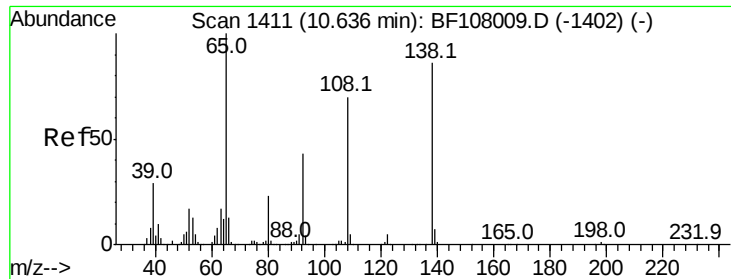
#60
4-Chlorophenyl-phenylether
Concen: 37.678 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion:	204	Resp:	533166
Ion	Ratio	Lower	Upper
204	100		
206	34.4	26.5	39.7
141	61.1	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





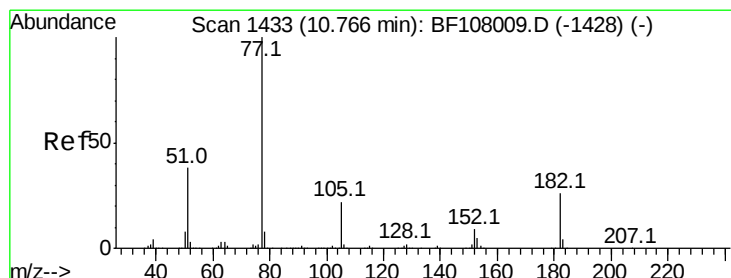
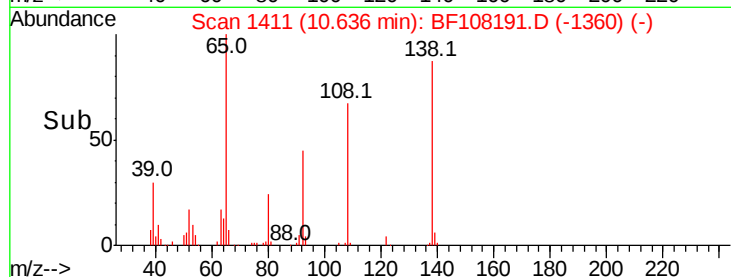
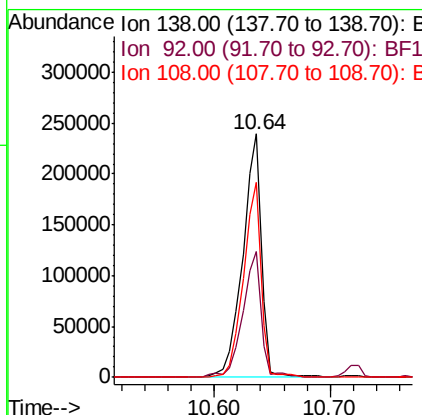
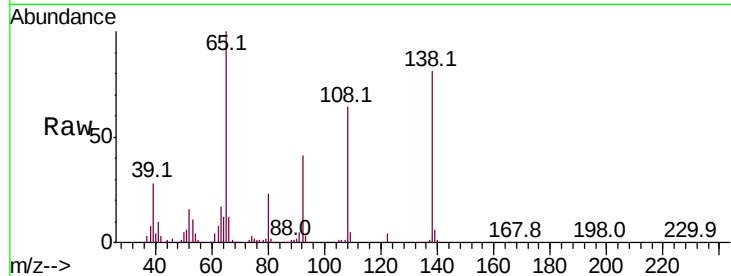
#61
4-Nitroaniline
Concen: 40.698 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.5	30.2	70.2
108	79.9	52.5	92.5

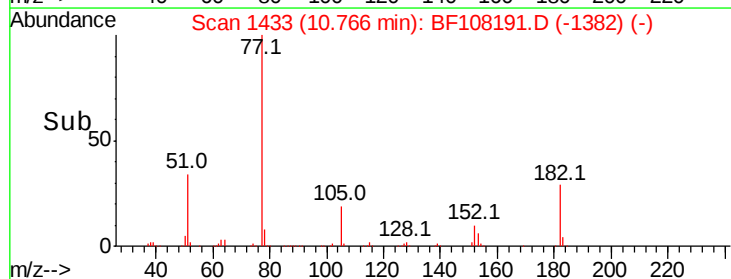
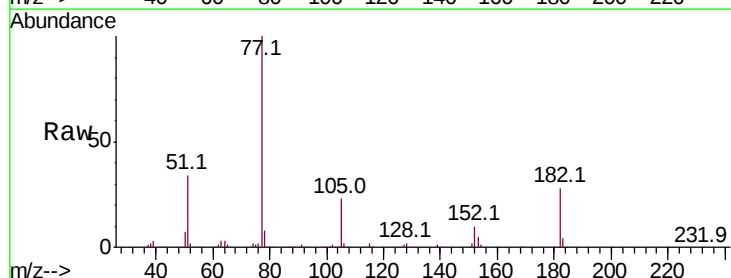
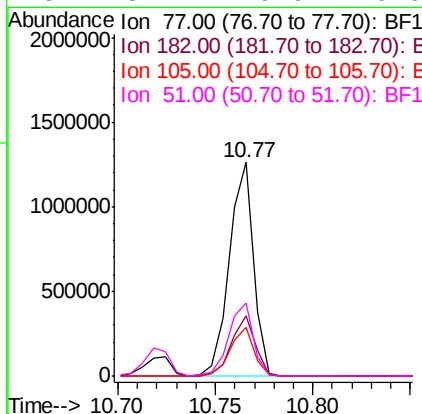
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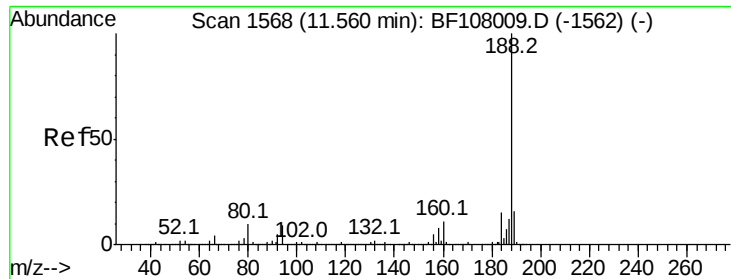
Sohil
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#62
Azobenzene
Concen: 37.035 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.5	1.7	41.7
105	22.7	3.0	43.0
51	34.2	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

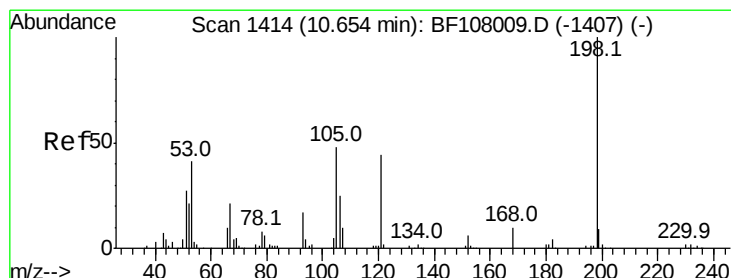
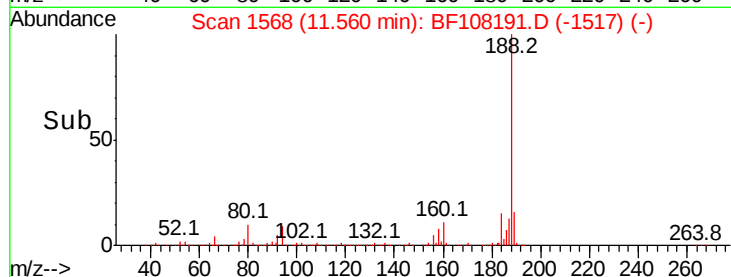
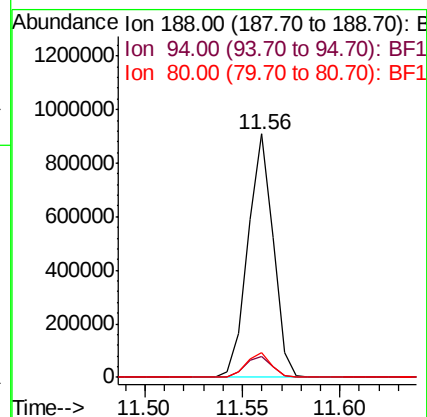
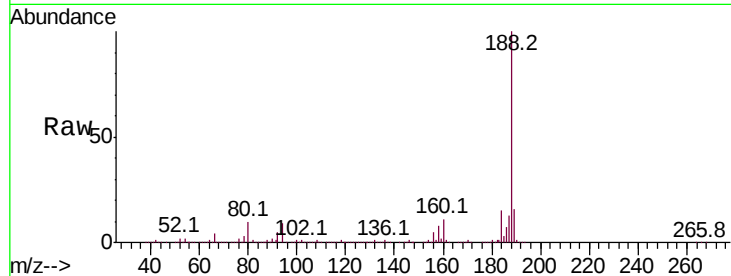
ClientSampleId :

SSTDCCC040

Tot Ion:188	Resp:	816417
Ion Ratio	Lower	Upper
188 100		
94 8.8	8.5	12.7
80 10.4	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.277 ng

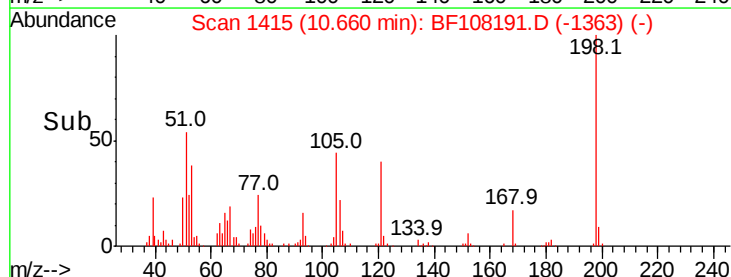
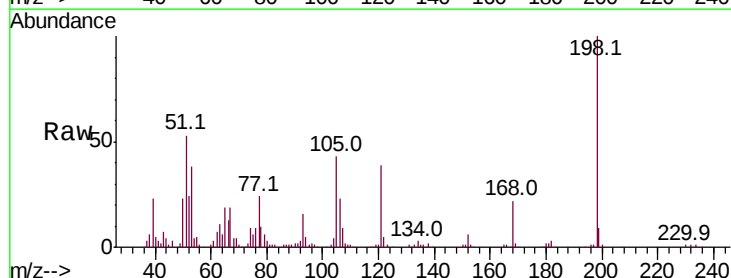
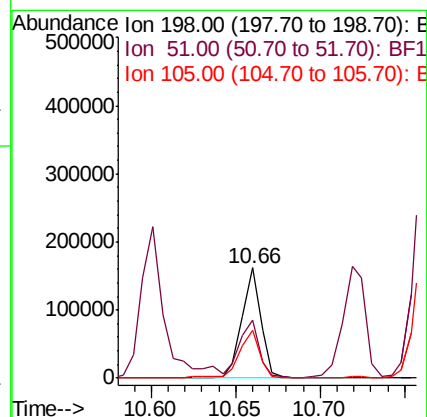
RT: 10.66 min Scan# 1415

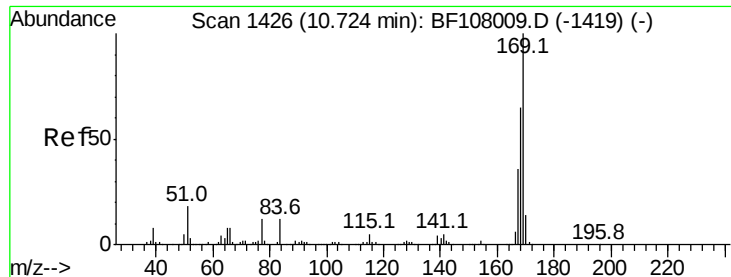
Delta R.T. 0.01 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Tgt Ion:198	Resp:	127381
Ion Ratio	Lower	Upper
198 100		
51 53.2	37.7	77.7
105 43.4	36.3	76.3





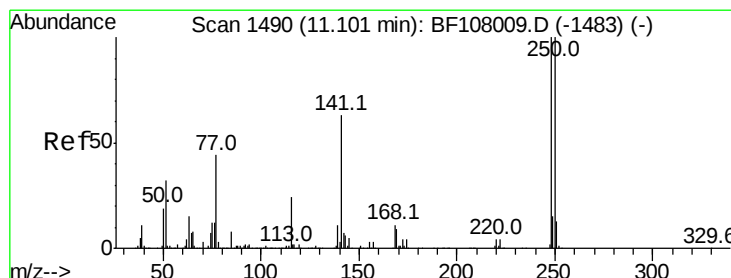
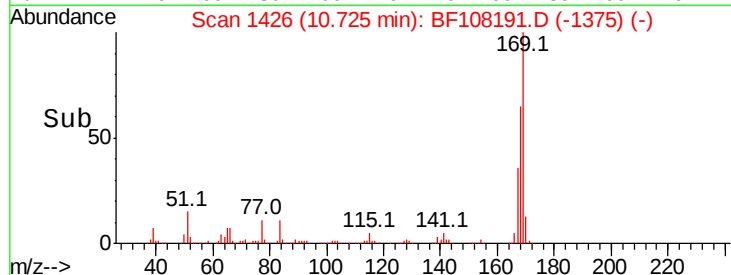
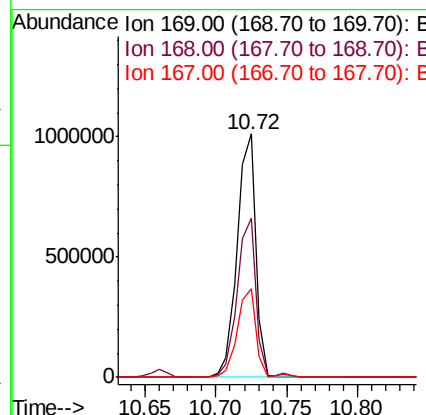
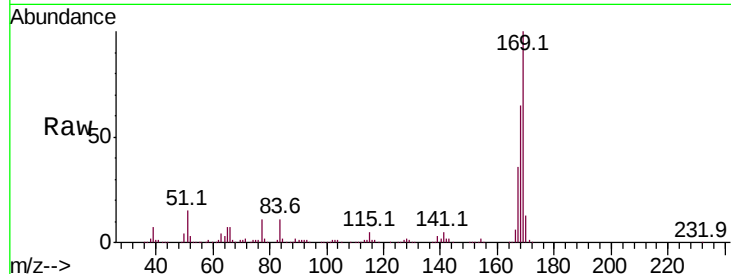
#65
n-Nitrosodiphenylamine
Concen: 38.617 ng
RT: 10.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.3	54.4	81.6	
167	36.2	29.8	44.6	

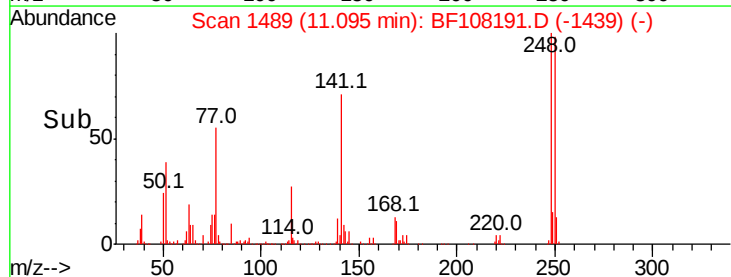
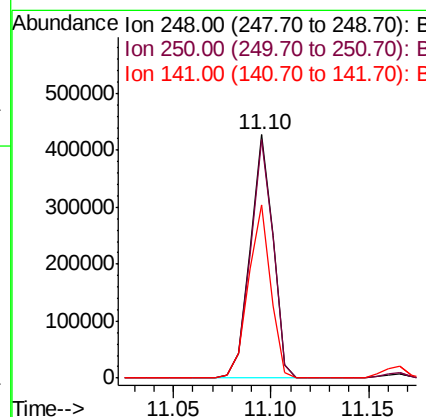
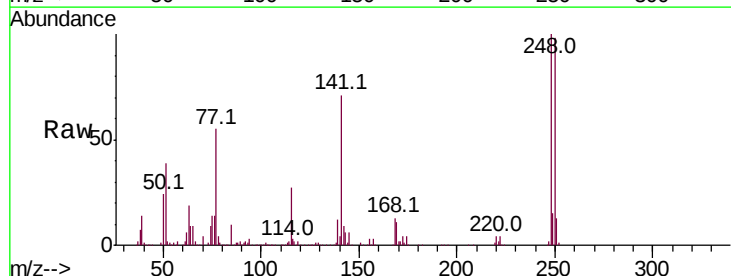
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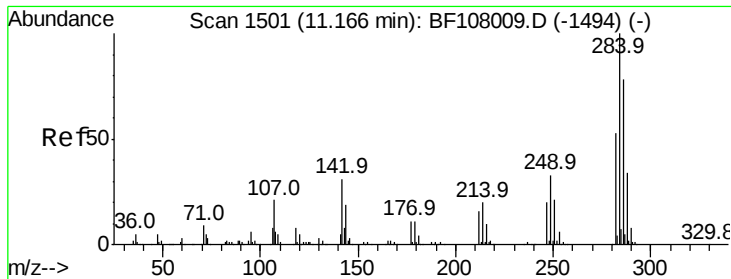
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#66
4-Bromophenyl-phenylether
Concen: 38.869 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.9	76.9	115.3	
141	70.9	74.4	111.6	





#67

Hexachlorobenzene

Concen: 38.838 ng

RT: 11.17 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

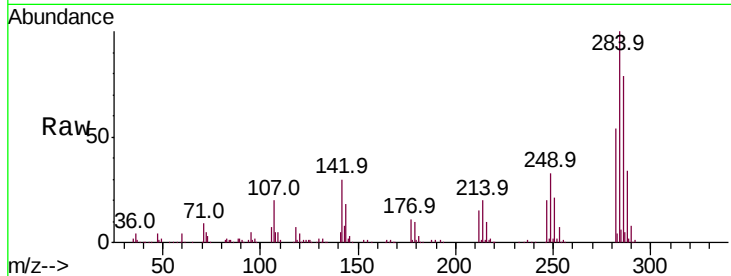
ClientSampleId :

SSTDCCC040

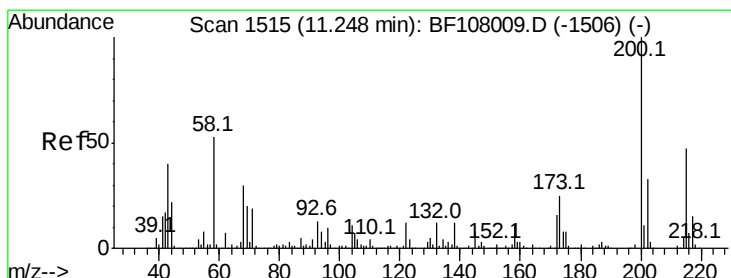
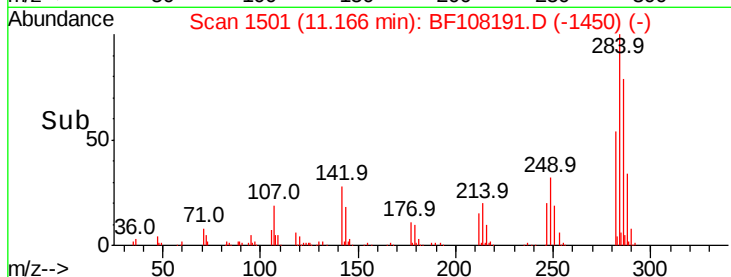
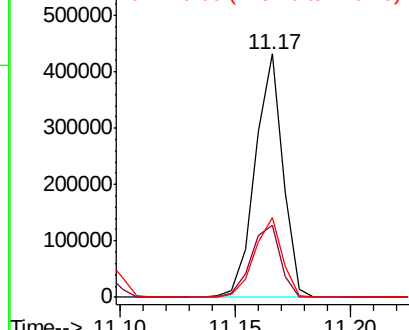
Tot Ion:	284	Resp:	362559
Ion Ratio	Lower	Upper	
284	100		
142	29.7	34.6	52.0#
249	32.9	24.8	37.2

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



#68

Atrazine

Concen: 39.696 ng

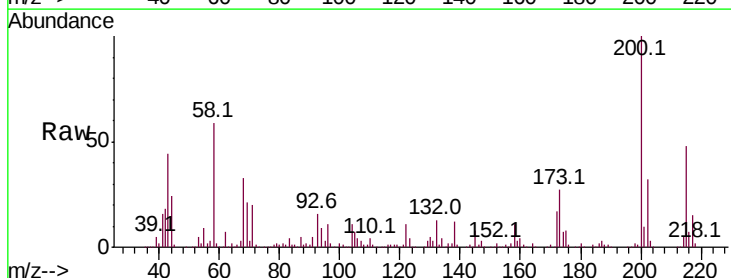
RT: 11.24 min Scan# 1514

Delta R.T. -0.01 min

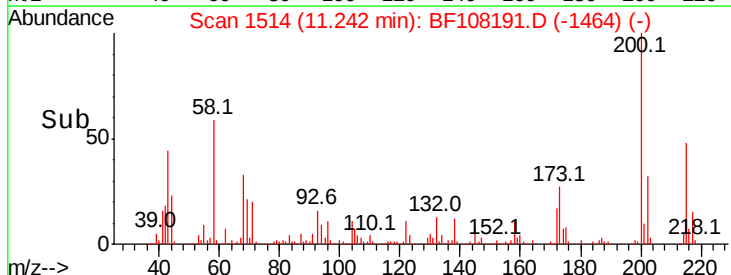
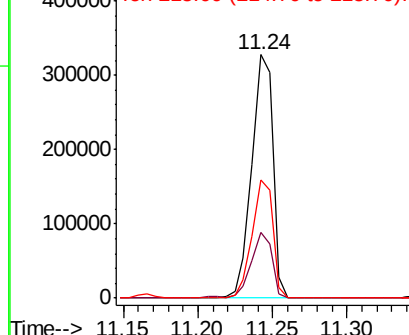
Lab File: BF108191.D

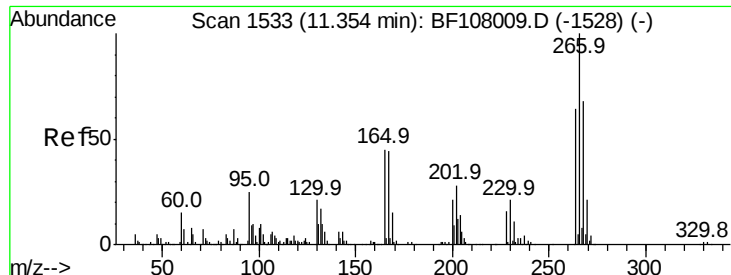
Acq: 16 Aug 2018 13:29

Tgt Ion:	200	Resp:	321217
Ion Ratio	Lower	Upper	
200	100		
173	27.1	8.6	48.6
215	48.3	25.1	65.1



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





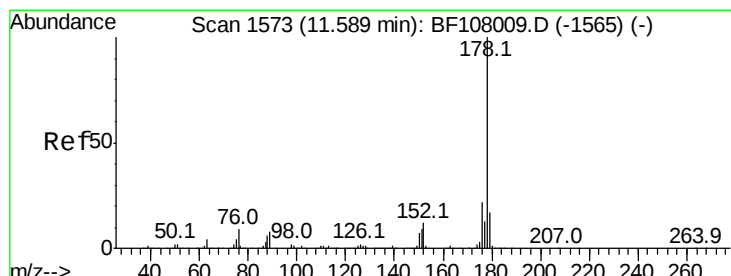
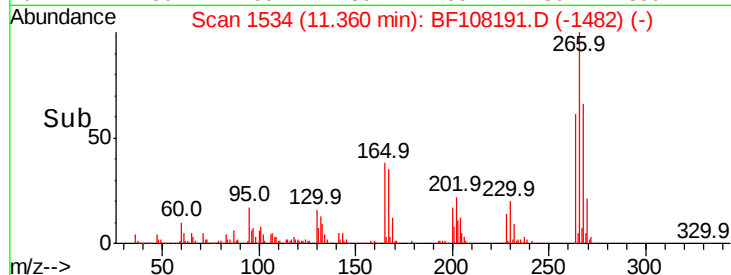
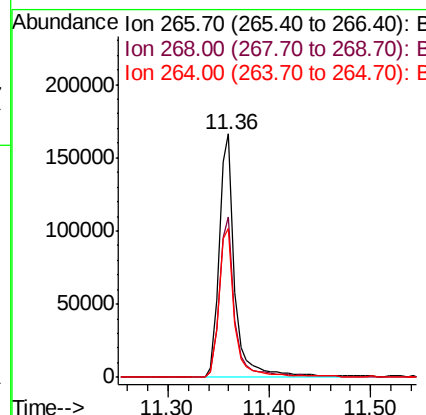
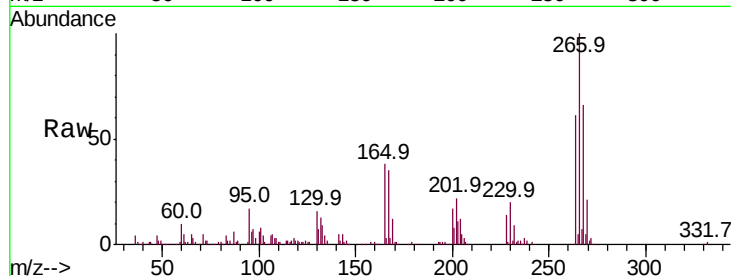
#69
 Pentachlorophenol
 Concen: 40.314 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.6	51.1	76.7	
264	61.3	49.5	74.3	

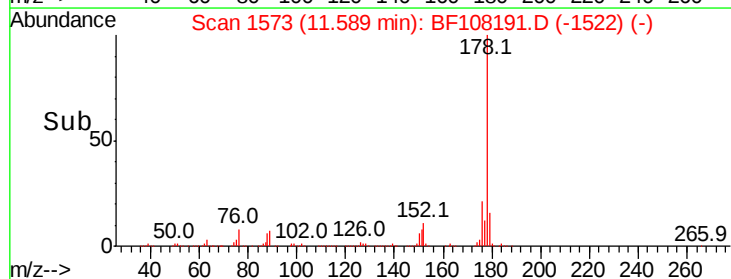
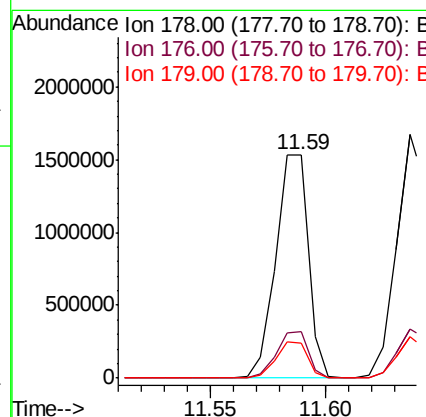
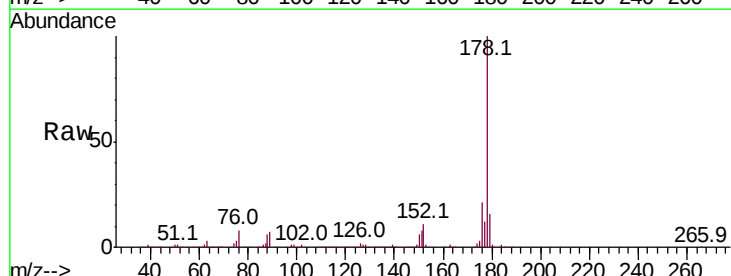
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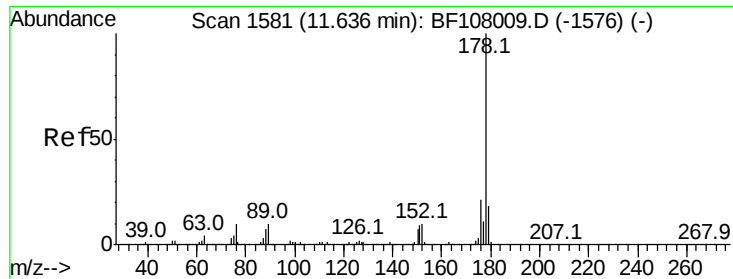
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#70
 Phenanthrene
 Concen: 39.026 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.8	15.8	23.8	
179	15.9	13.0	19.6	





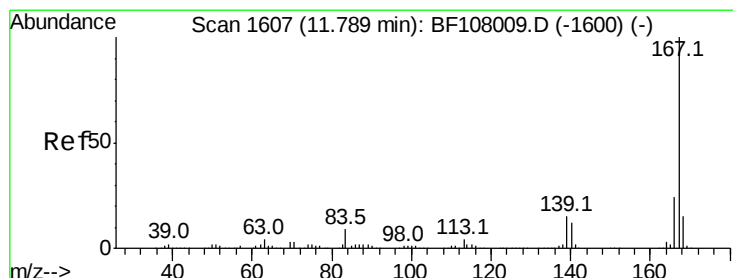
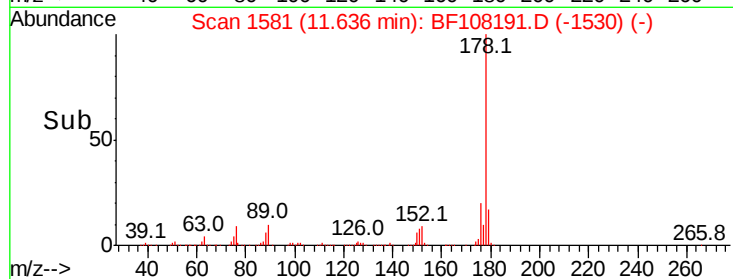
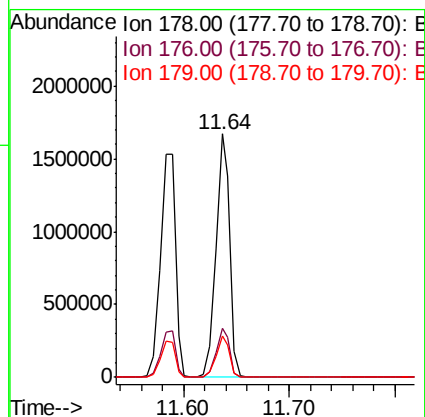
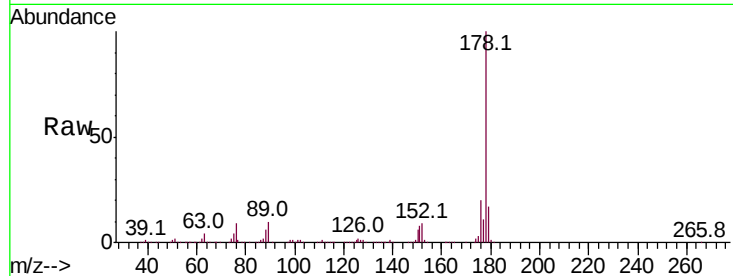
#71
 Anthracene
 Concen: 39.199 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	17.0	12.6	19.0

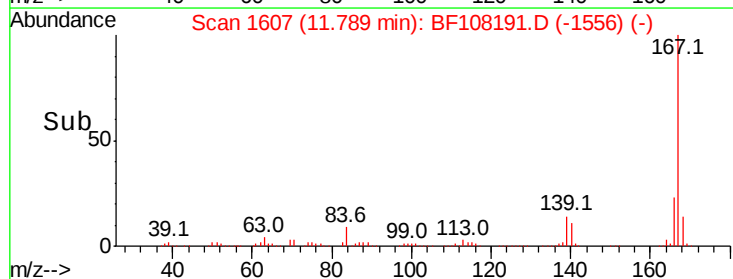
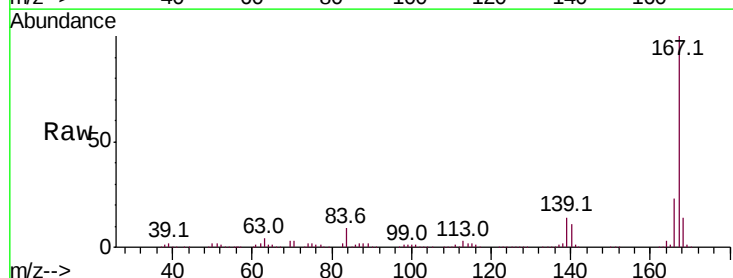
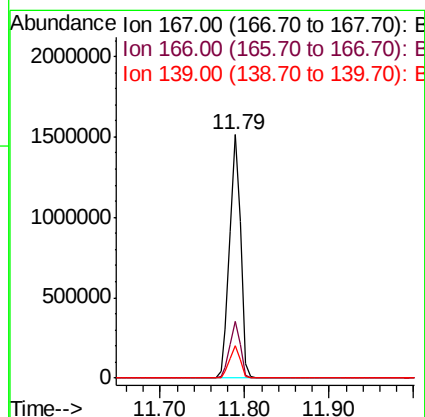
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#72
 Carbazole
 Concen: 39.114 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	13.6	10.9	16.3





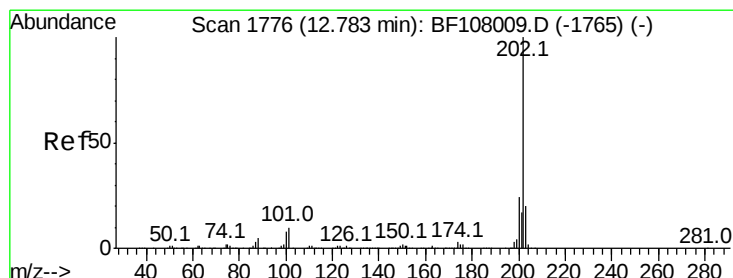
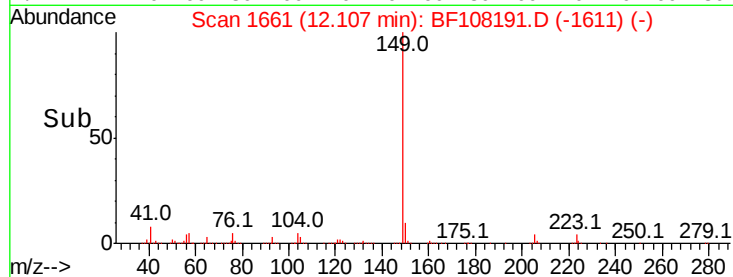
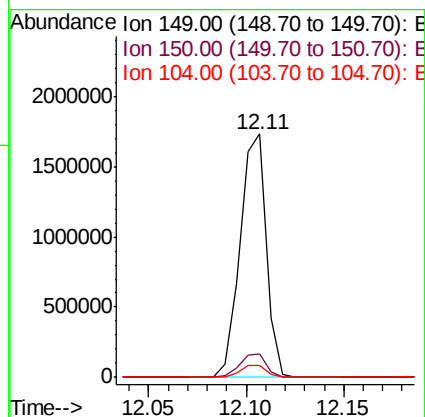
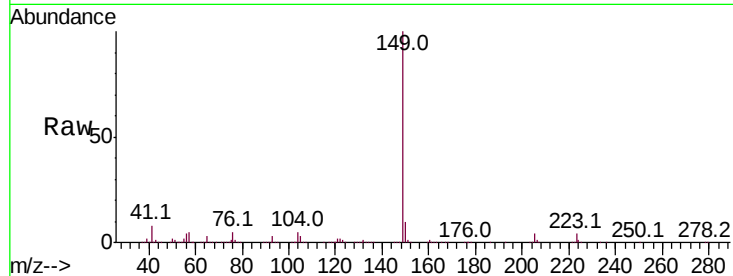
#73
Di-n-butylphthalate
Concen: 40.486 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.0	3.8	5.8

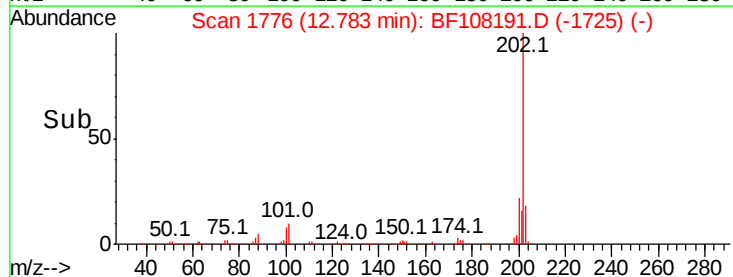
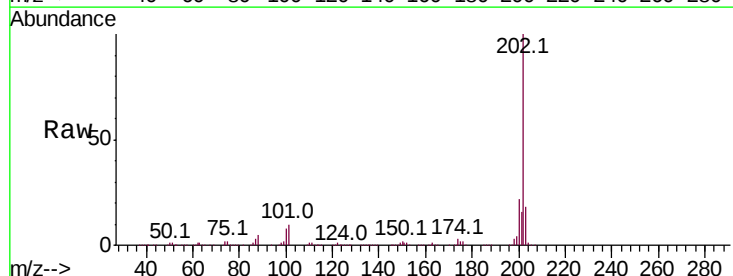
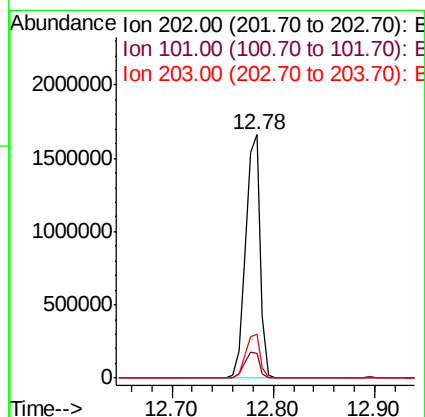
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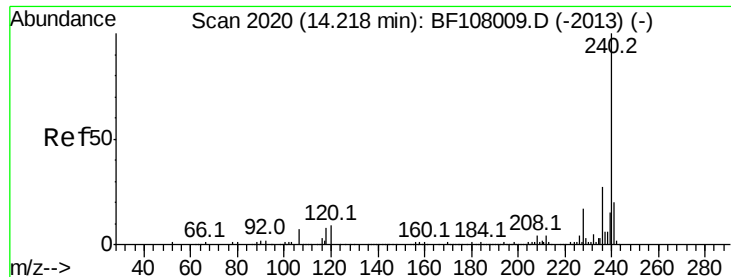
Sohil
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#74
Fluoranthene
Concen: 38.935 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

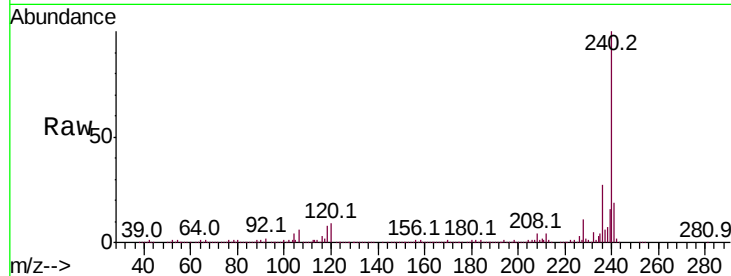
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	26.8	20.7	31.1

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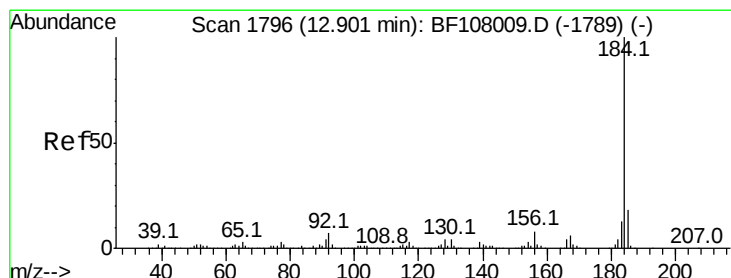
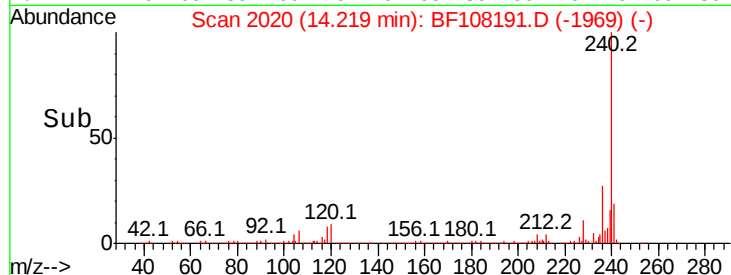
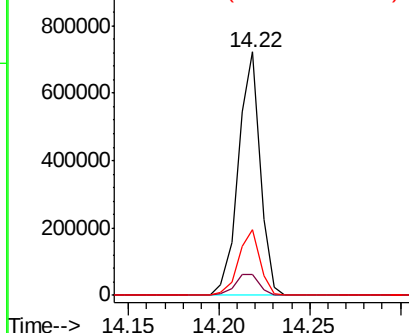


Abundance

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: 43.420 ng

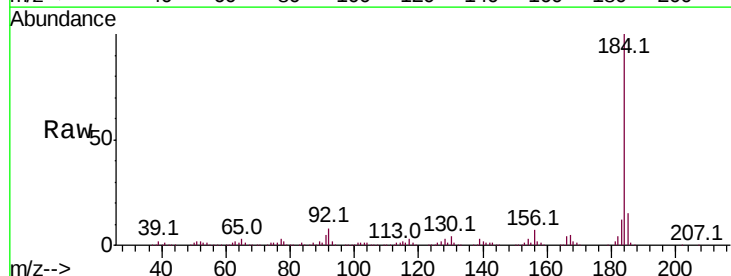
RT: 12.90 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	12.4	9.3	13.9

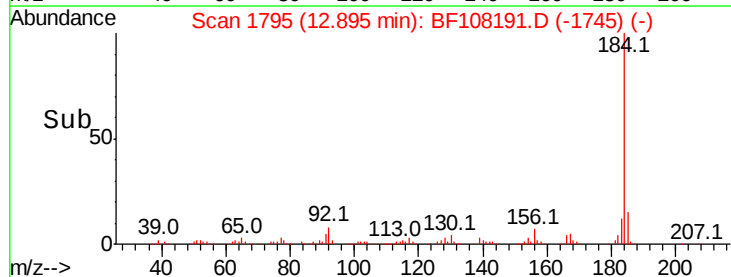
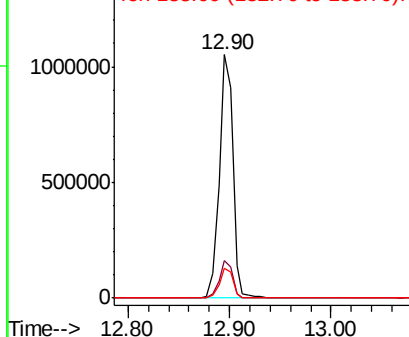


Abundance

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





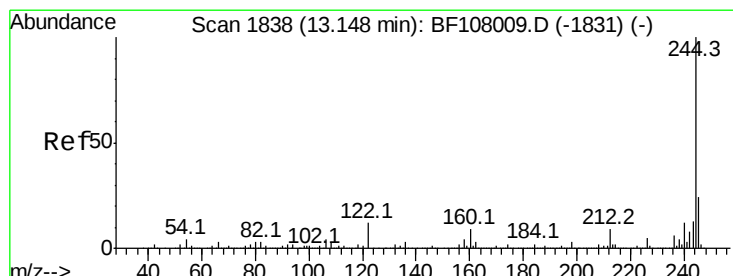
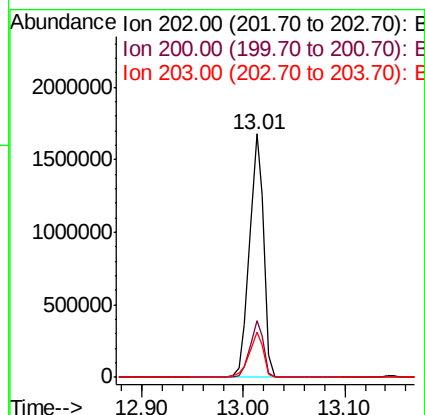
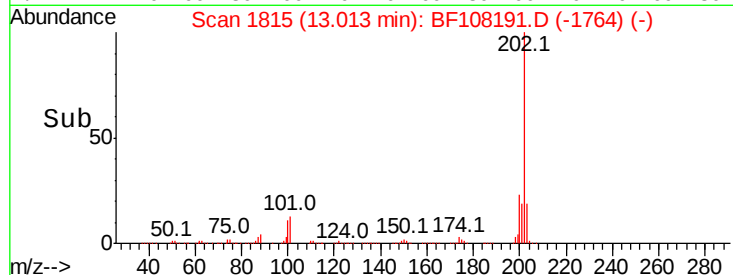
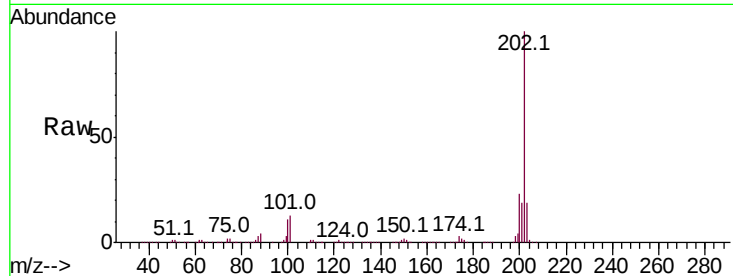
#77
Pvrene
Concen: 42.379 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.4	26.2
203	18.6	14.3	21.5

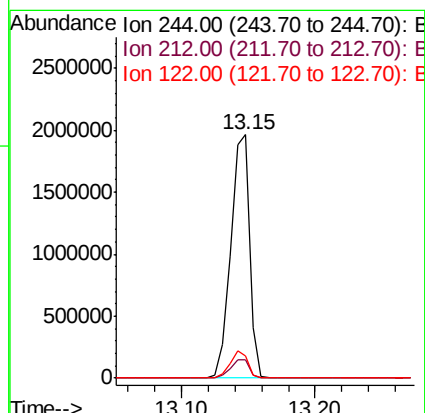
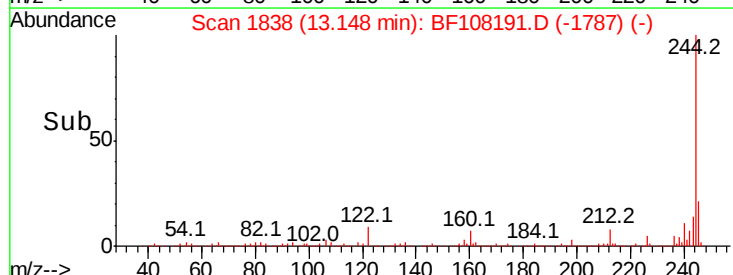
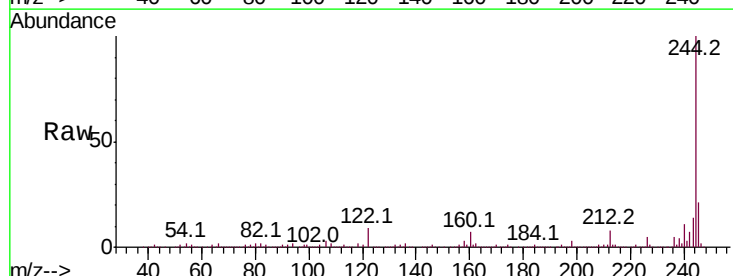
Manual Integrations
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#78
Terphenyl-d14
Concen: 82.724 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	9.4	11.0	16.4





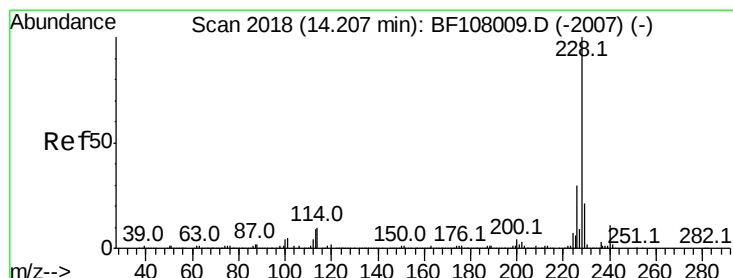
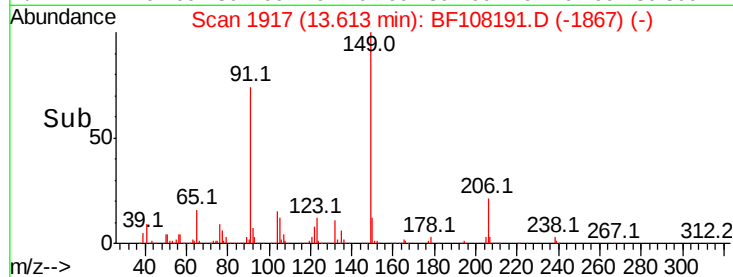
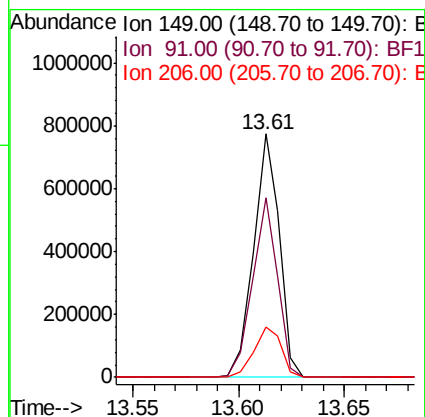
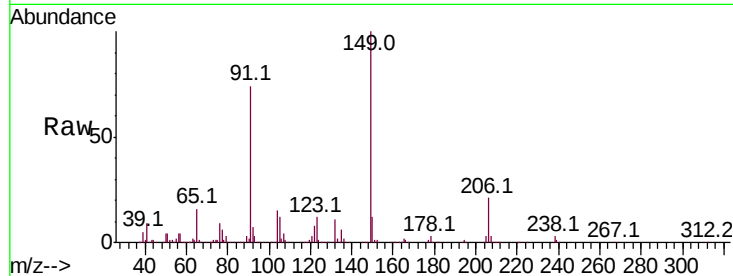
#79
Butylbenzylphthalate
Concen: 43.103 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.7	56.8	85.2
206	20.8	14.1	21.1

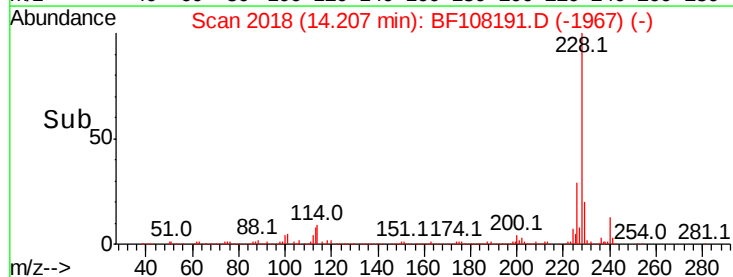
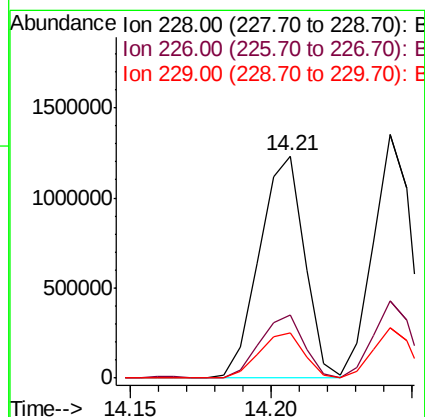
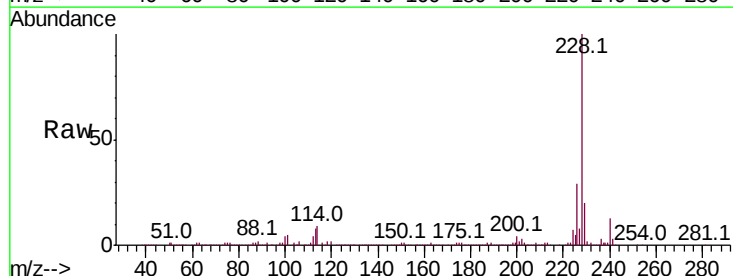
Manual Integrations
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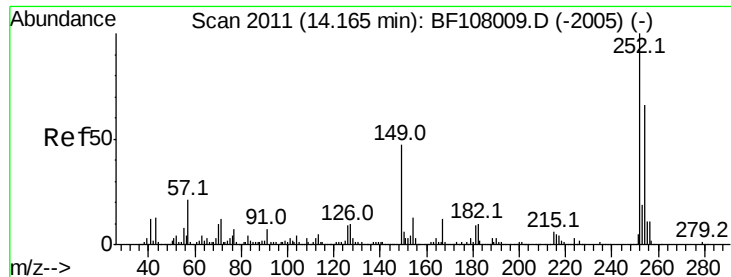
Sohil
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#80
Benzo(a)anthracene
Concen: 39.433 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.1	15.8	23.6





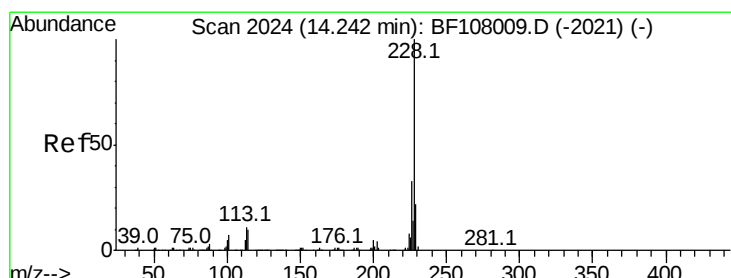
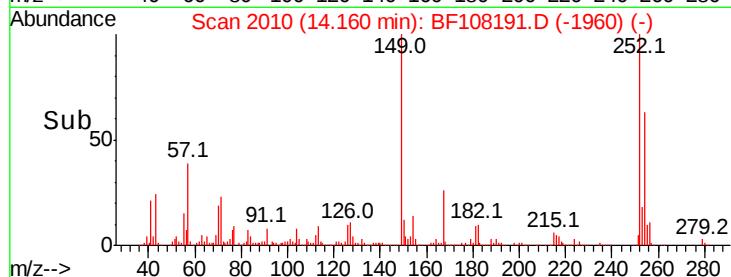
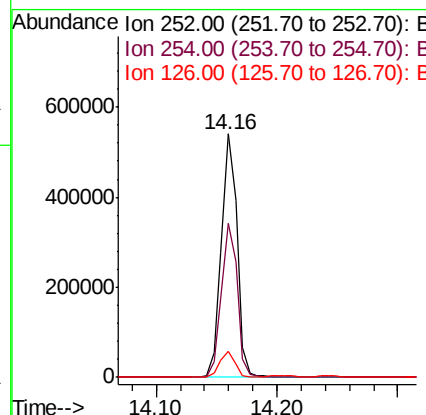
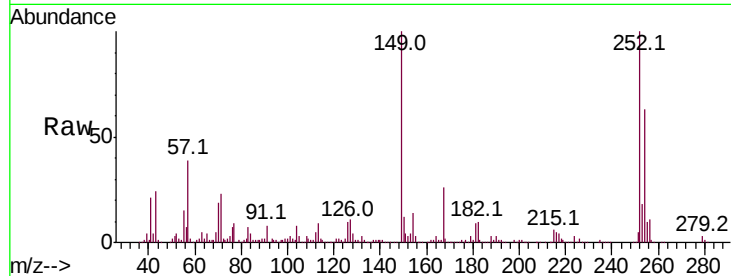
#81
 3,3'-Dichlorobenzidine
 Concen: 38.604 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	479505		
254	63.3	50.4	75.6	
126	10.4	11.3	16.9	

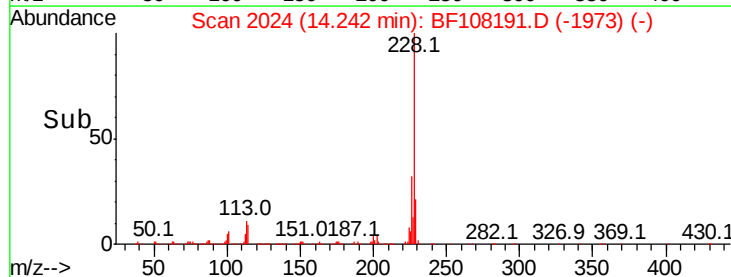
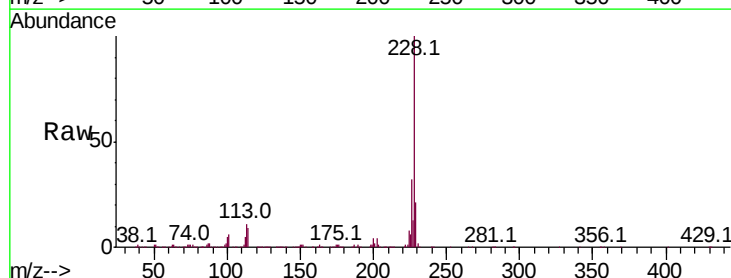
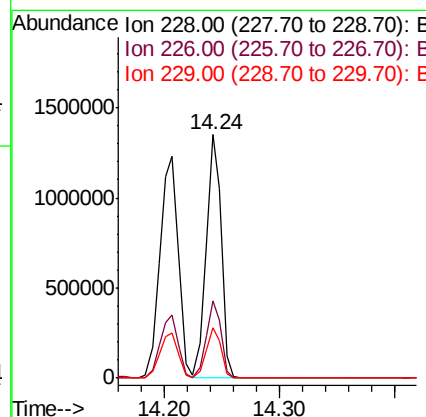
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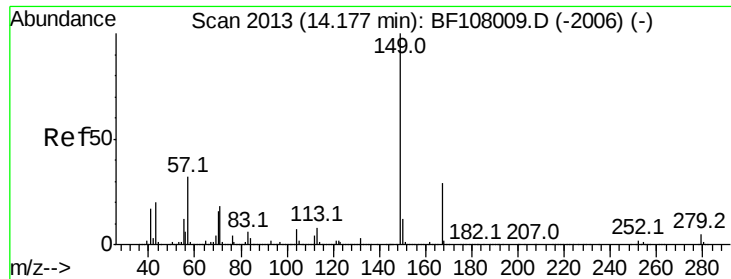
Sohil
 8/17/2018 3:30:30 PM



#82
 Chrysene
 Concen: 38.732 ng
 RT: 14.24 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1230732		
226	31.8	25.0	37.6	
229	20.6	16.2	24.4	





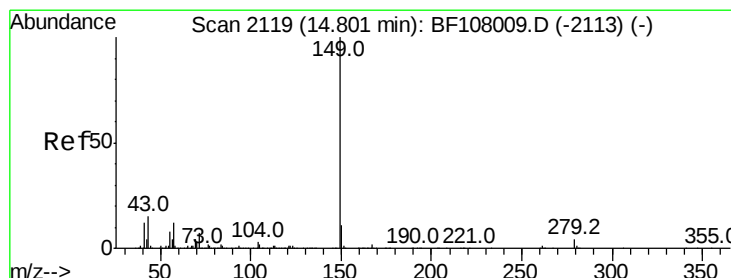
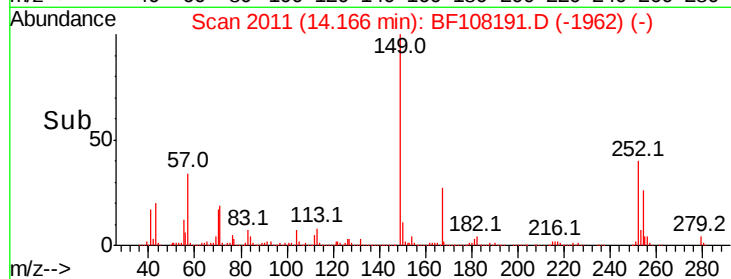
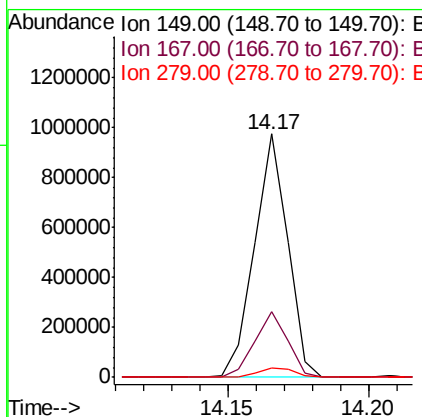
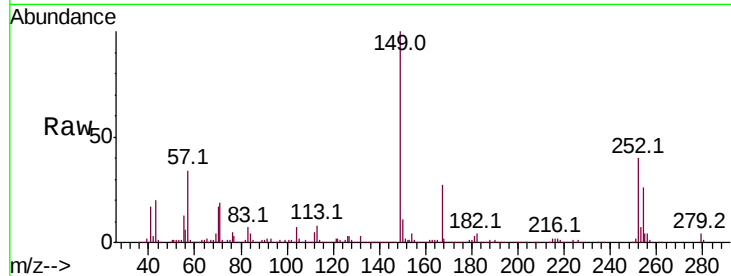
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.852 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	798805		
167	27.1	21.3	31.9	
279	4.1	3.0	4.4	

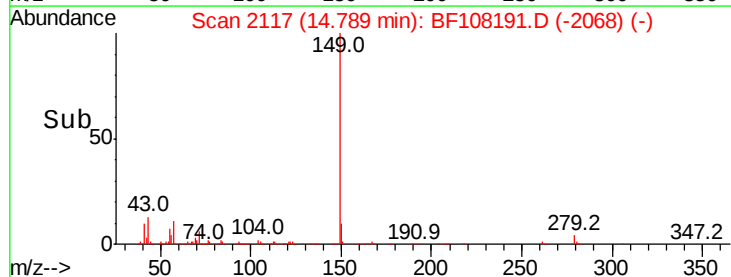
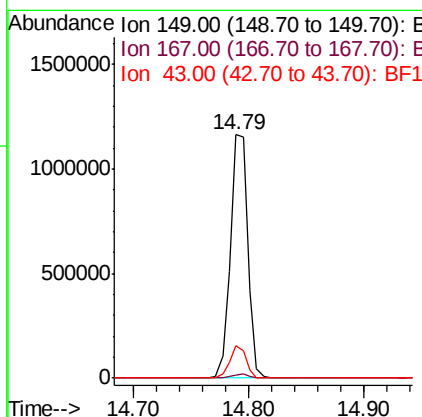
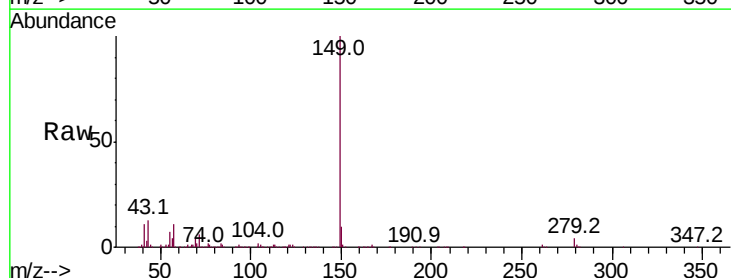
Manual Integrations
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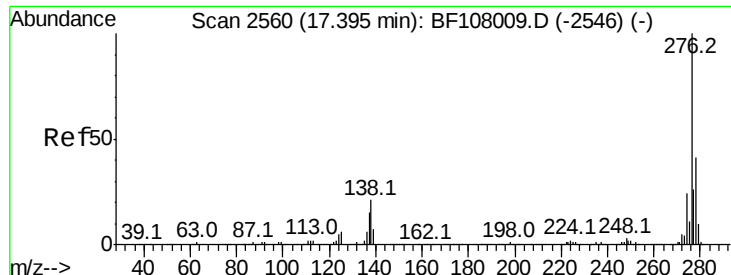
Sohil
 8/17/2018 3:30:30 PM



#84
 Di-n-octyl phthalate
 Concen: 38.546 ng
 RT: 14.79 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1208637		
167	1.5	1.2	1.8	
43	12.1	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.697 ng

RT: 17.40 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Instrument :

BNA_F

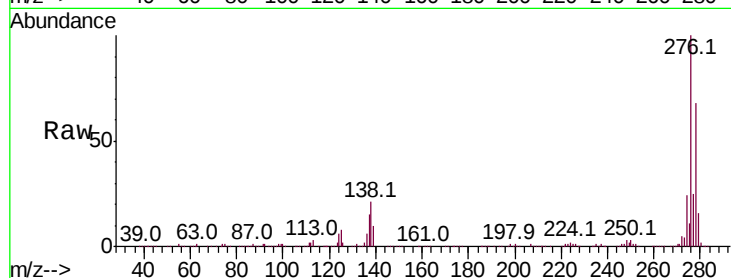
ClientSampleId :

SSTDCCC040

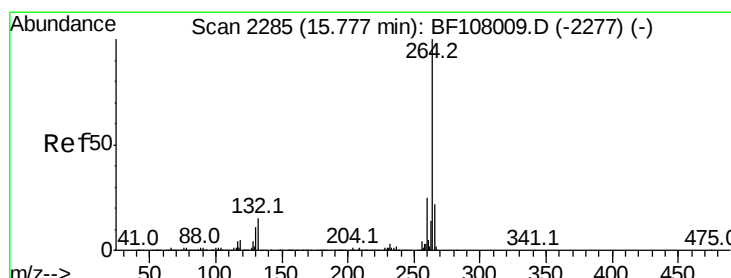
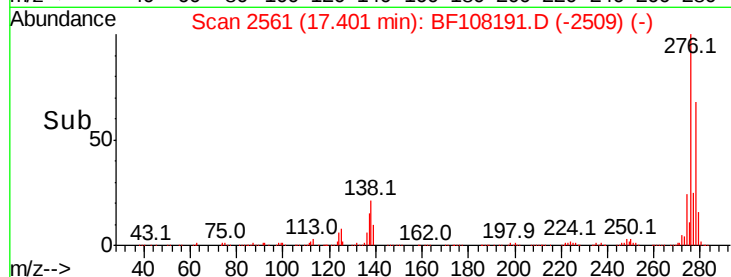
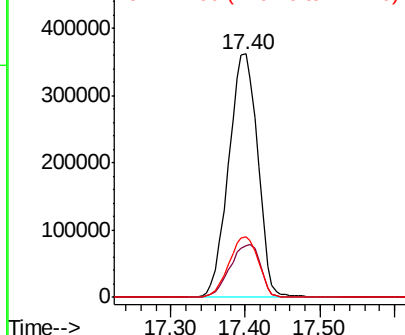
Tot Ion:	276	Resp:	982818
Ion Ratio	Lower	Upper	
276	100		
138	22.7	25.0	37.6#
277	25.2	20.1	30.1

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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: 15.77 min Scan# 2284

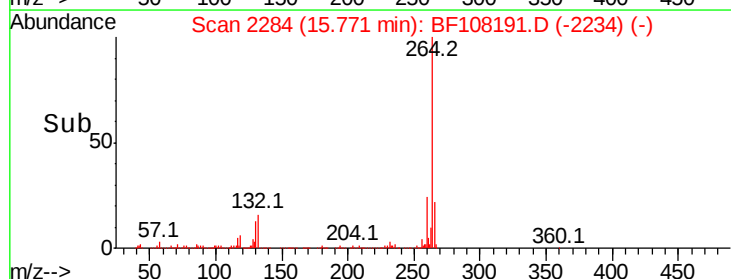
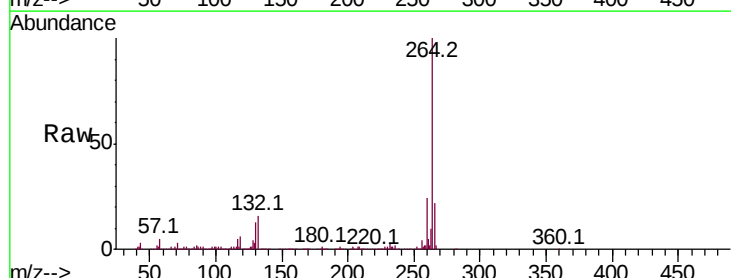
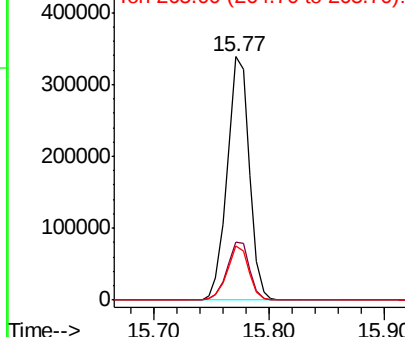
Delta R.T. -0.01 min

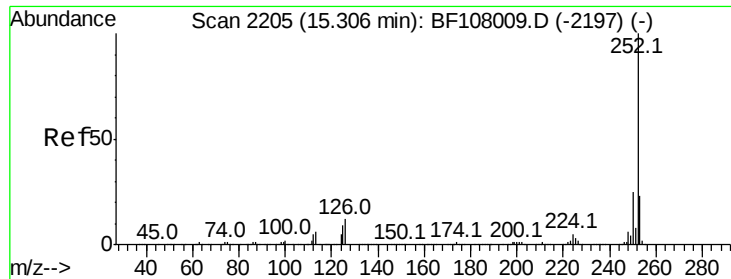
Lab File: BF108191.D

Acq: 16 Aug 2018 13:29

Tgt Ion:	264	Resp:	449045
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.2	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





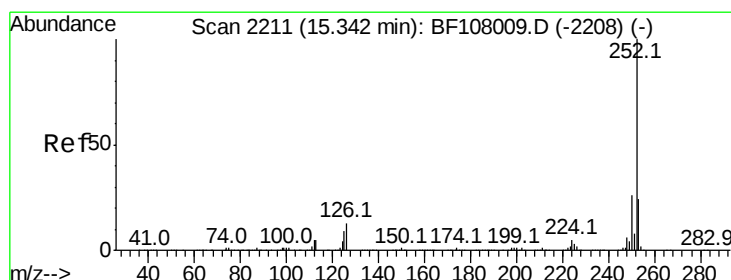
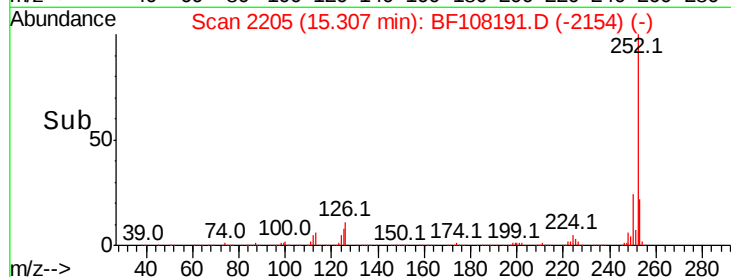
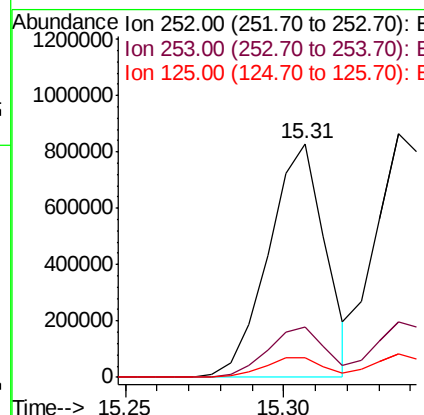
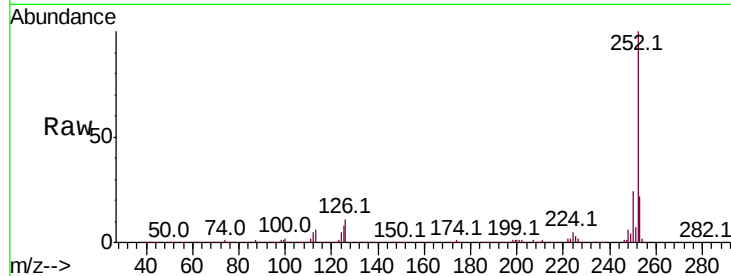
#87
Benzo(b)fluoranthene
Concen: 38.610 ng m
RT: 15.31 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	8.5	9.0	13.6#

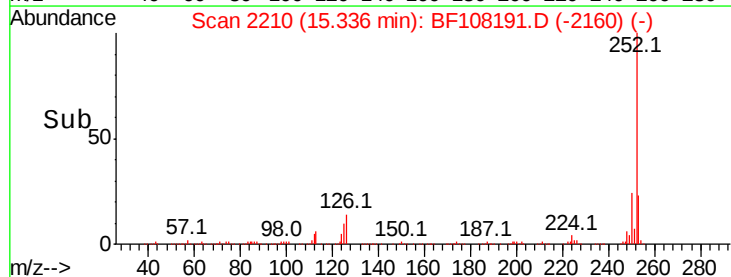
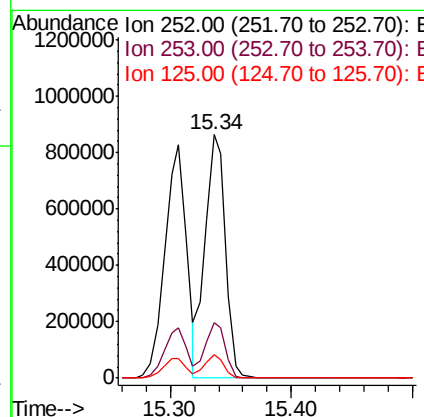
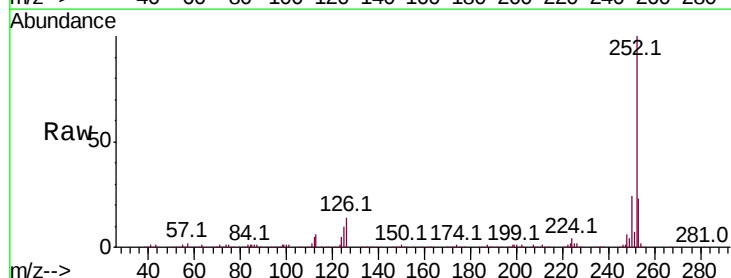
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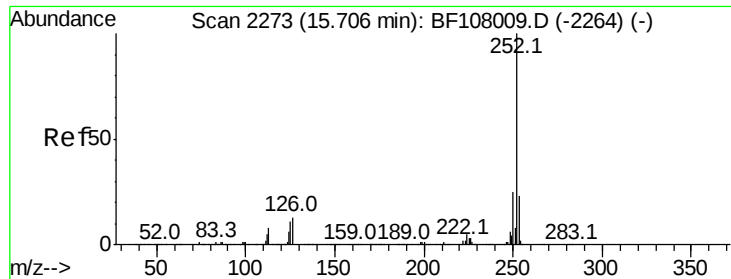
Sohil
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#88
Benzo(k)fluoranthene
Concen: 40.709 ng
RT: 15.34 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	9.6	10.2	15.2#





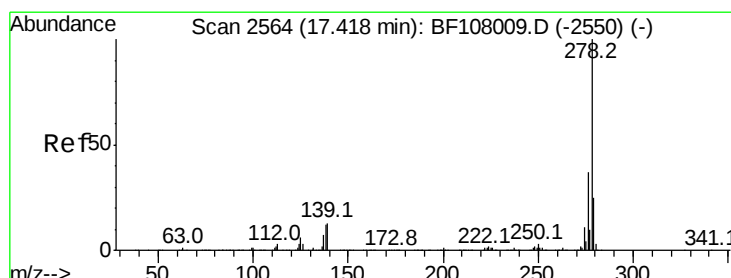
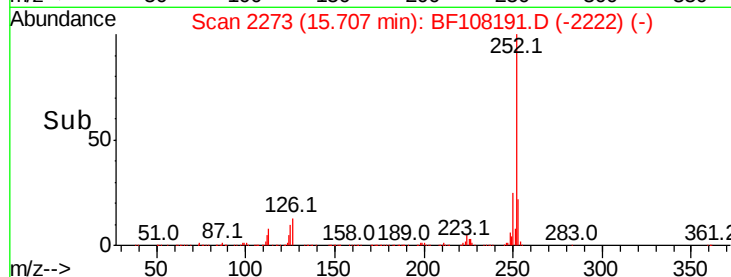
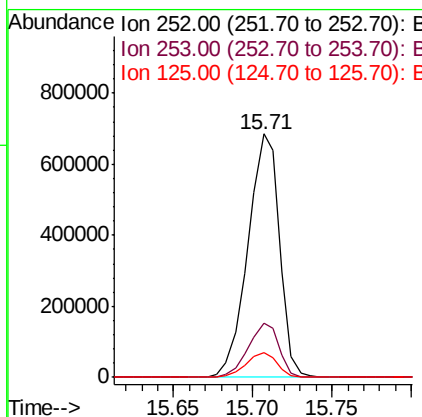
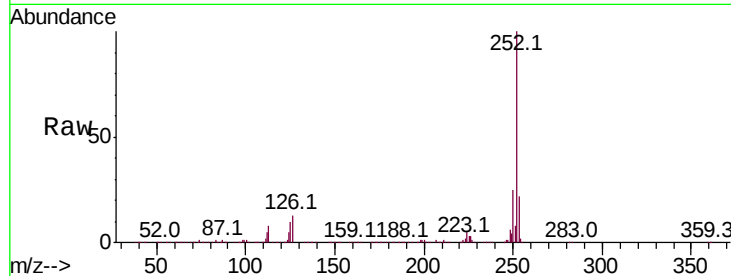
#89
Benzo(a)pyrene
Concen: 39.470 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	10.3	9.8	14.6

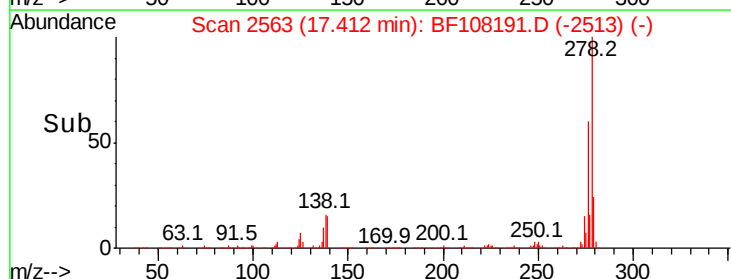
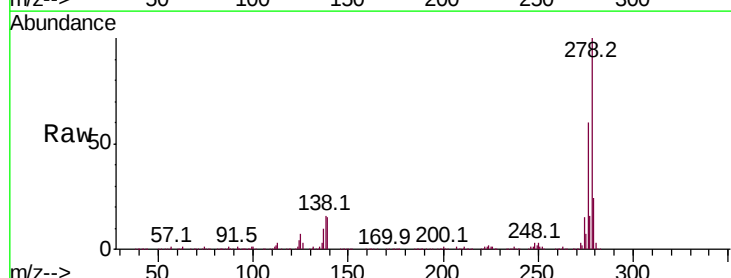
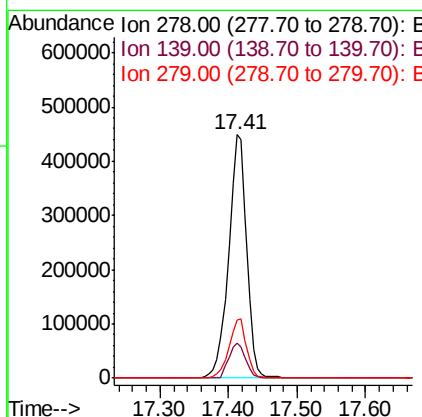
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#90
Dibenzo(a,h)anthracene
Concen: 41.169 ng
RT: 17.41 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF108191.D
Acq: 16 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	15.9	23.9#
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.290 ng
 RT: 17.89 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: BF108191.D
 Acq: 16 Aug 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	19.9	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 8/17/2018 3:30:30 PM

