

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
 Data File : BF112200.D
 Acq On : 23 Jan 2019 14:29
 Operator : JU/SJ
 Sample : K1220-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Manual Integrations
 APPROVED

Sohil
 1/24/2019 11:30:22 AM

Quant Time: Jan 23 15:34:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	197643	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	765843	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	389334	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	790829	20.00	ng	0.00
76) Chrysene-d12	14.02	240	642232	20.00	ng	0.00
87) Perylene-d12	15.49	264	538415	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1470803	135.07	ng	0.00
7) Phenol-d6	6.50	99	1849993	135.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	1199245	108.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	652589	155.38	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2397440	90.28	ng	0.00
79) Terphenyl-d14	12.96	244	2814266	93.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	163600	32.034	ng	96
3) Pyridine	3.39	79	351492	27.480	ng	99
4) n-Nitrosodimethylamine	3.33	42	220427	42.443	ng	98
6) Aniline	6.52	93	523259	31.578	ng	# 26
8) 2-Chlorophenol	6.65	128	558279	44.144	ng	96
9) Benzaldehyde	6.40	77	118218	12.294	ng	99
10) Phenol	6.52	94	642873	43.176	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	494166	41.741	ng	99
12) 1,3-Dichlorobenzene	6.80	146	590296	40.900	ng	98
13) 1,4-Dichlorobenzene	6.87	146	606102	41.055	ng	98
14) 1,2-Dichlorobenzene	7.03	146	569838	41.904	ng	99
15) Benzyl Alcohol	7.00	79	465909	45.901	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	621838	36.423	ng	84
17) 2-Methylphenol	7.12	107	440981	46.431	ng	95
18) Hexachloroethane	7.36	117	214916	43.617	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	370372	44.624	ng	94
20) 3+4-Methylphenols	7.27	107	561448	48.755	ng	# 76
22) Acetophenone	7.26	105	735549	41.457	ng	# 98
24) Nitrobenzene	7.43	77	555747	47.306	ng	98
25) Isophorone	7.67	82	1004583	46.919	ng	97
26) 2-Nitrophenol	7.75	139	305457	50.312	ng	96
27) 2,4-Dimethylphenol	7.79	122	483938	48.693	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	635439	43.266	ng	100
29) 2,4-Dichlorophenol	8.00	162	492225	45.338	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	523716	41.566	ng	98
31) Naphthalene	8.16	128	1599933	45.932	ng	99
32) Benzoic acid	7.90	122	103004	28.677	ng	95
33) 4-Chloroaniline	8.20	127	360962	23.058	ng	98
34) Hexachlorobutadiene	8.27	225	290094	41.373	ng	99
35) Caprolactam	8.57	113	155745m	40.987	ng	
36) 4-Chloro-3-methylphenol	8.70	107	507604	47.870	ng	96
37) 2-Methylnaphthalene	8.85	142	1148286	48.547	ng	98
38) 1-Methylnaphthalene	8.95	142	1070131	47.076	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	527510	42.194	ng	99

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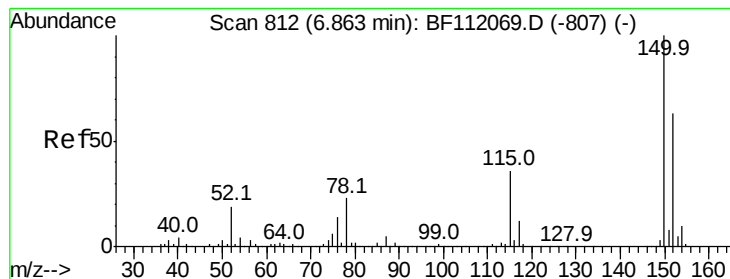
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	406334	81.212	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	353459	47.260	ng	98
44) 2,4,5-Trichlorophenol	9.18	196	371655	46.658	ng	99
46) 1,1'-Biphenyl	9.32	154	1401133	43.039	ng	98
47) 2-Chloronaphthalene	9.34	162	1084178	42.545	ng	96
48) 2-Nitroaniline	9.43	65	306134	53.335	ng	95
49) Acenaphthylene	9.76	152	1739577	46.779	ng	99
50) Dimethylphthalate	9.61	163	1484491	52.283	ng	100
51) 2,6-Dinitrotoluene	9.67	165	299853	52.881	ng #	88
52) Acenaphthene	9.93	154	990939	43.553	ng	99
53) 3-Nitroaniline	9.85	138	239764	37.813	ng	94
54) 2,4-Dinitrophenol	9.96	184	202487	96.575	ng	95
55) Dibenzofuran	10.10	168	1537473	44.684	ng	96
56) 4-Nitrophenol	10.03	139	403816	88.461	ng	97
57) 2,4-Dinitrotoluene	10.09	165	401321	54.454	ng	98
58) Fluorene	10.44	166	1219935	47.454	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	309430	51.478	ng	95
60) Diethylphthalate	10.31	149	1338407	48.290	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	600855	43.313	ng	93
62) 4-Nitroaniline	10.46	138	327139	51.957	ng	97
63) Azobenzene	10.59	77	1145070	43.142	ng	95
65) 4,6-Dinitro-2-methylphenol	10.50	198	171658	51.195	ng	96
66) n-Nitrosodiphenylamine	10.55	169	1111591	42.518	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	386115	42.034	ng	94
68) Hexachlorobenzene	11.00	284	413675	41.806	ng	95
69) Atrazine	11.07	200	377494	44.746	ng	99
70) Pentachlorophenol	11.19	266	346641	73.405	ng	99
71) Phenanthrene	11.40	178	1835223	46.112	ng	99
72) Anthracene	11.46	178	1874938	46.505	ng	100
73) Carbazole	11.61	167	1699766	42.087	ng	98
74) Di-n-butylphthalate	11.93	149	2146770	47.255	ng	100
75) Fluoranthene	12.59	202	1936220	46.077	ng	98
77) Benzidine	12.70	184	326894	15.255	ng	96
78) Pyrene	12.82	202	1950584	46.035	ng	100
80) Butylbenzylphthalate	13.43	149	945284	50.853	ng	98
81) Benzo(a)anthracene	14.02	228	1722331	46.772	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	444334	32.220	ng	99
83) Chrysene	14.05	228	1575250	45.209	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1339445	50.278	ng	100
85) Di-n-octyl phthalate	14.60	149	2058563	50.151	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1568992	48.808	ng	98
88) Benzo(b)fluoranthene	15.07	252	1518478	49.684	ng	97
89) Benzo(k)fluoranthene	15.10	252	1370687	46.337	ng	98
90) Benzo(a)pyrene	15.43	252	1370191	48.886	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	1286258	51.670	ng	100
92) Benzo(g,h,i)perylene	17.43	276	1304440	53.189	ng	99

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



#1

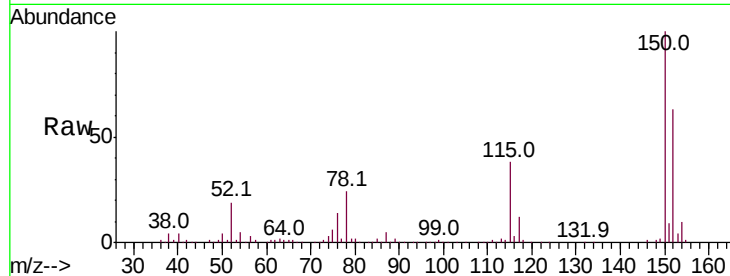
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	127.4	191.0
115	59.7	45.5	68.3

Manual Integrations
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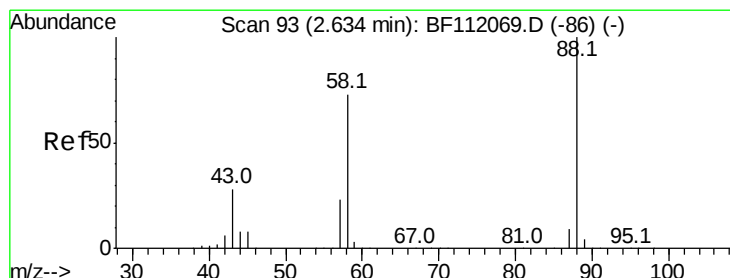
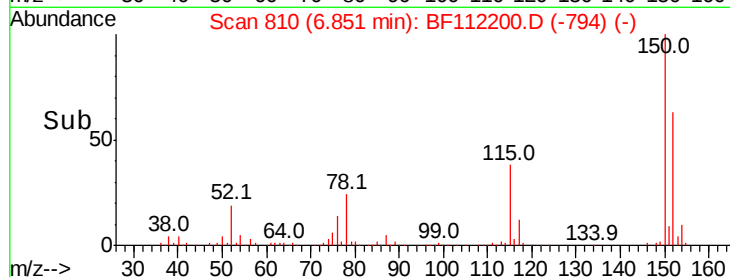
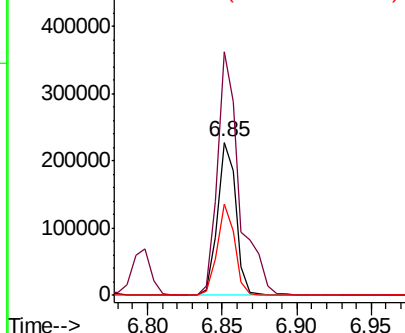


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

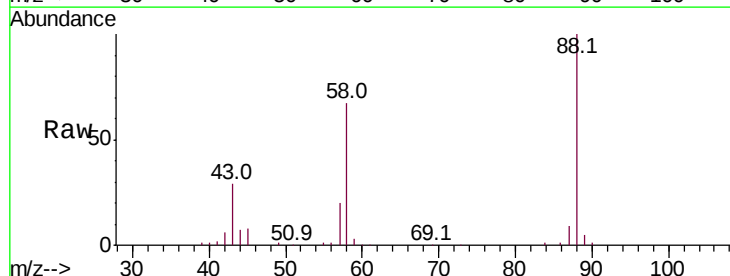
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.034 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	57.4	86.2
43	27.9	22.2	33.4

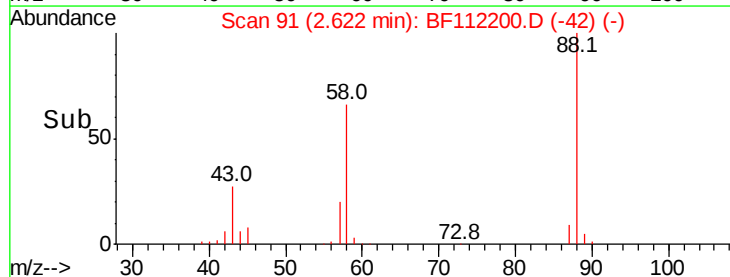
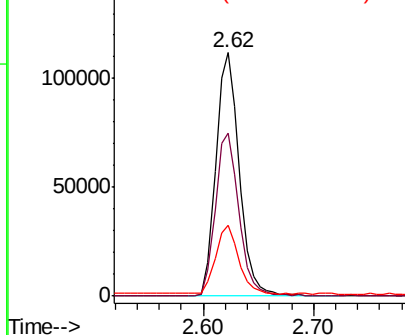


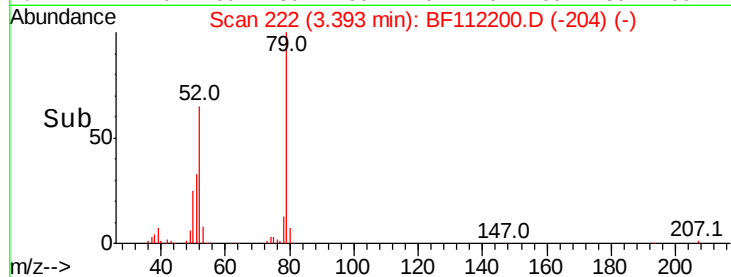
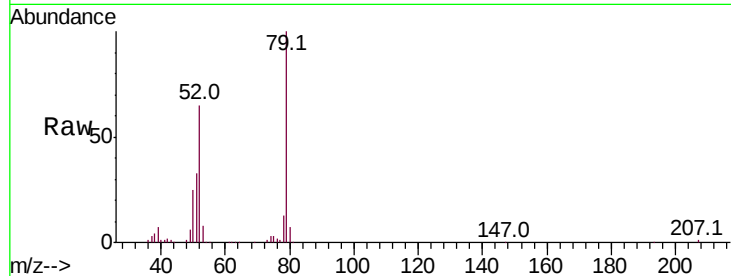
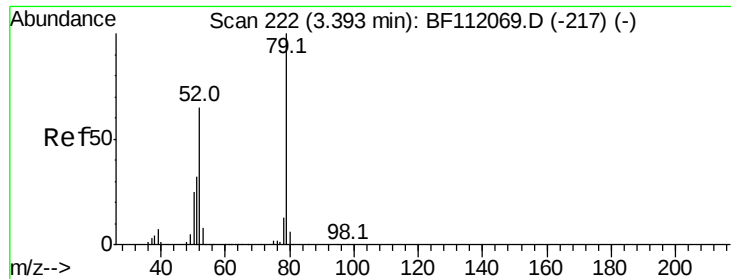
Abundance

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





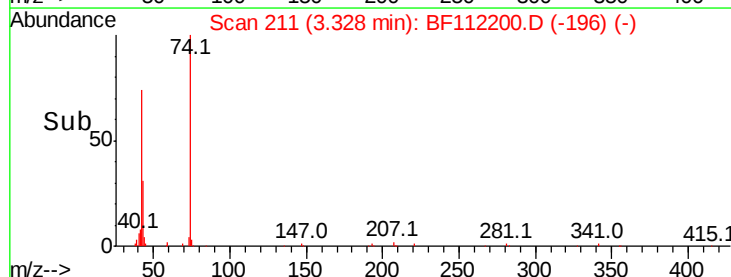
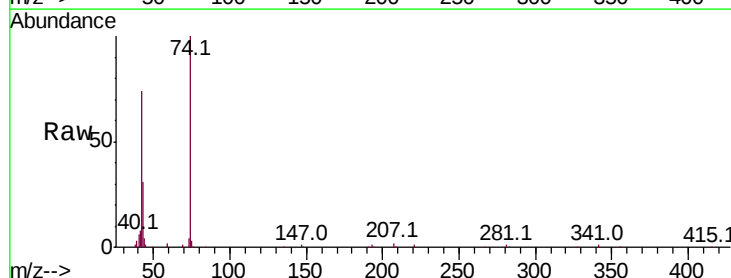
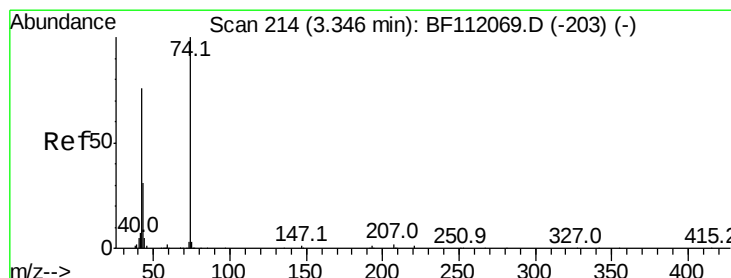
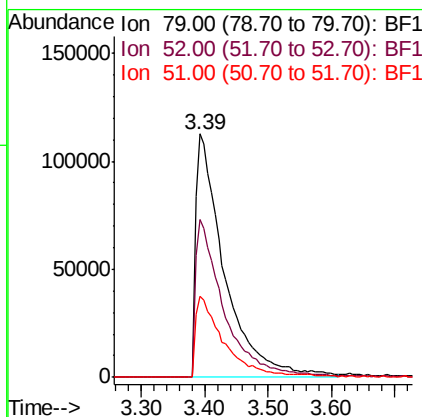
#3
Pvridine
Concen: 27.480 ng
RT: 3.39 min Scan# 222
Delta R.T. 0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.0	52.4	78.6
51	33.2	26.1	39.1

Instrument :
BNA_F
ClientSampleId :
S-1MS

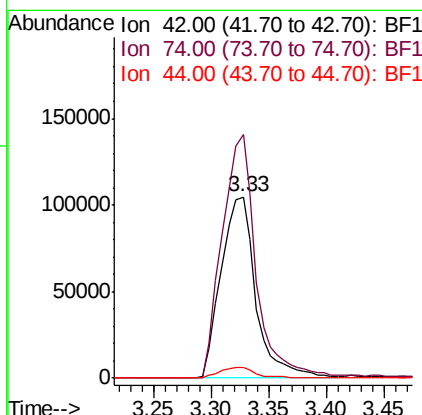
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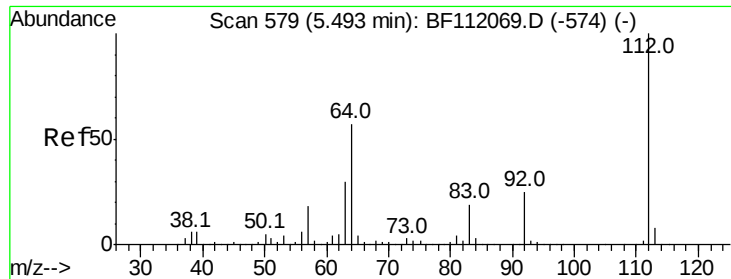
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#4
n-Nitrosodimethylamine
Concen: 42.443 ng
RT: 3.33 min Scan# 211
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.5	105.6	158.4
44	6.0	5.4	8.2





#5

2-Fluorophenol

Concen: 135.070 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampled :

S-1MS

Tot Ion:112 Resp: 1470803

Ion Ratio Lower Upper

112 100

64 54.6 45.7 68.5

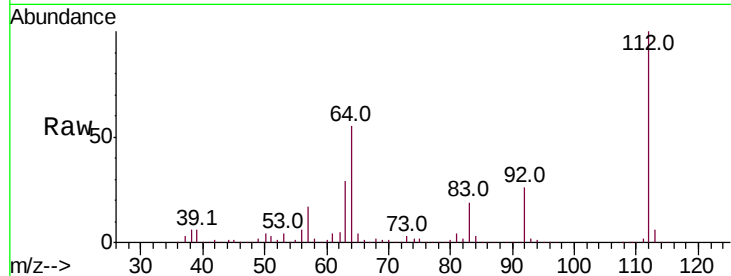
63 29.1 23.6 35.4

Manual Integrations

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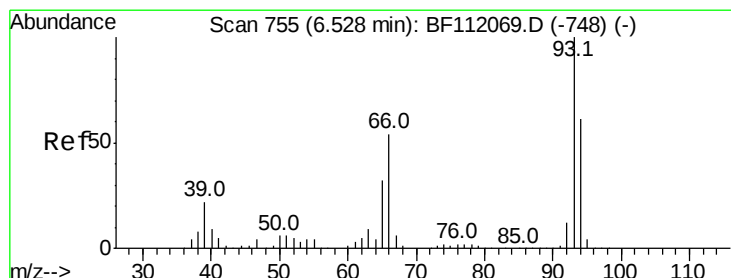
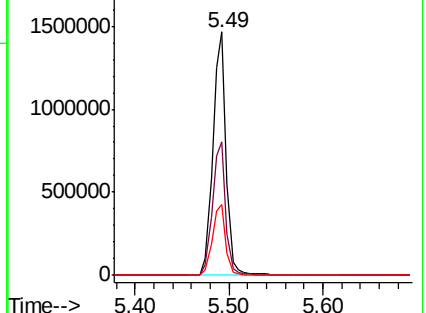
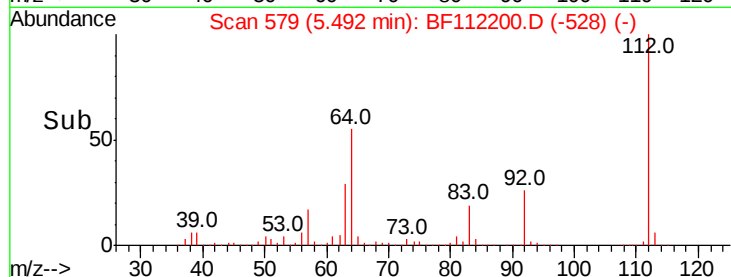
1/24/2019 11:30:22 AM



Abundance Ion 112.00 (111.70 to 112.70): BF112200.D (-528) (-)

Ion 64.00 (63.70 to 64.70): BF112200.D (-528) (-)

Ion 63.00 (62.70 to 63.70): BF112200.D (-528) (-)



#6

Aniline

Concen: 31.578 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

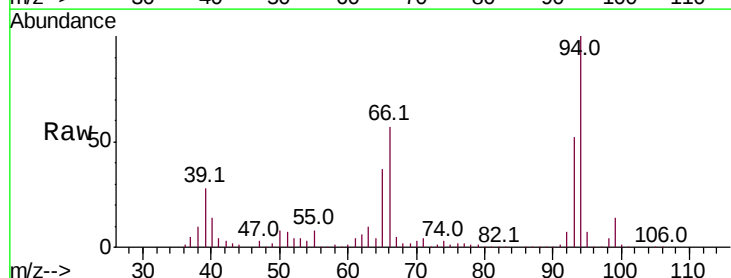
Tgt Ion: 93 Resp: 523259

Ion Ratio Lower Upper

93 100

66 109.5 43.4 65.2#

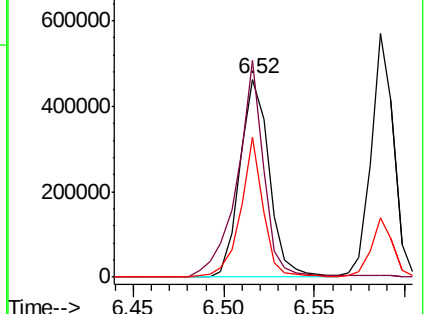
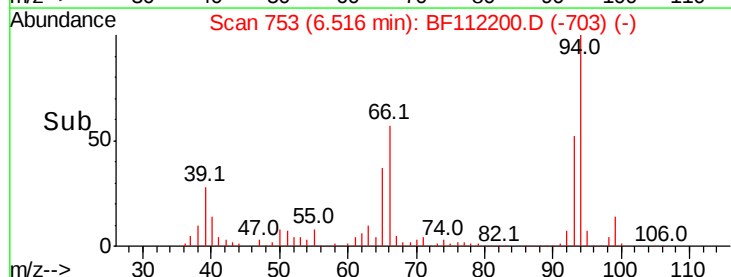
65 70.5 25.3 37.9#

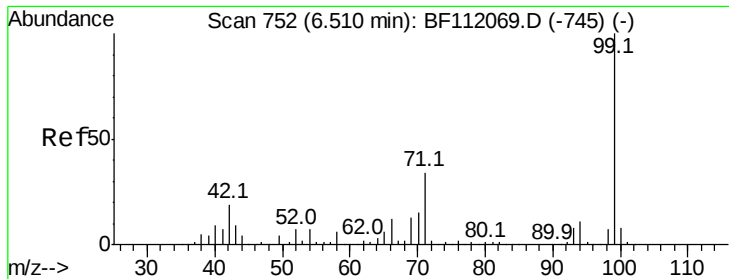


Abundance Ion 93.00 (92.70 to 93.70): BF112200.D (-703) (-)

Ion 66.00 (65.70 to 66.70): BF112200.D (-703) (-)

Ion 65.00 (64.70 to 65.70): BF112200.D (-703) (-)





#7

Phenol-d6

Concen: 135.789 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

S-1MS

Tot Ion: 99 Resp: 1849993

Ion Ratio Lower Upper

99 100

42 19.1 15.1 22.7

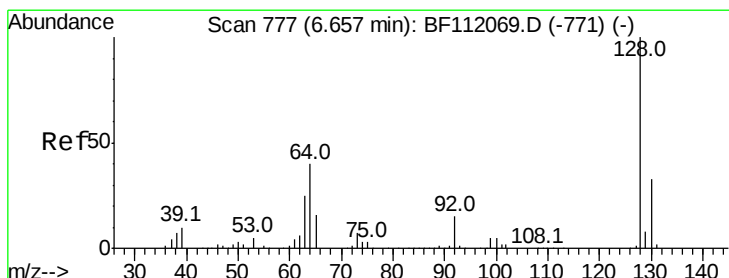
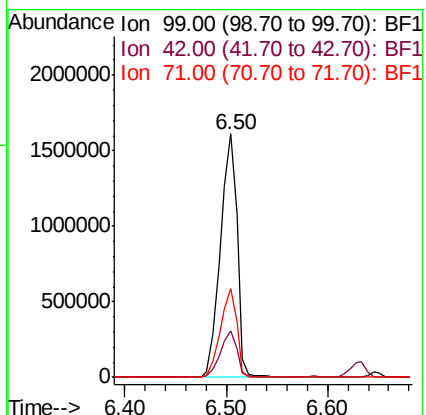
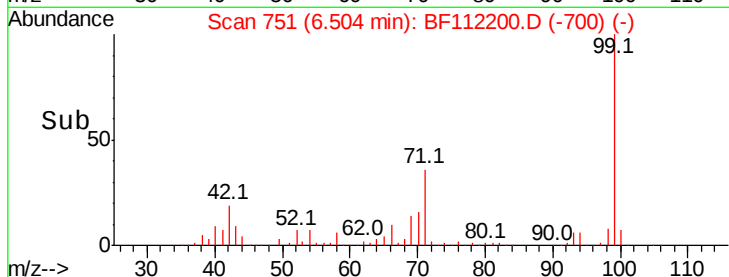
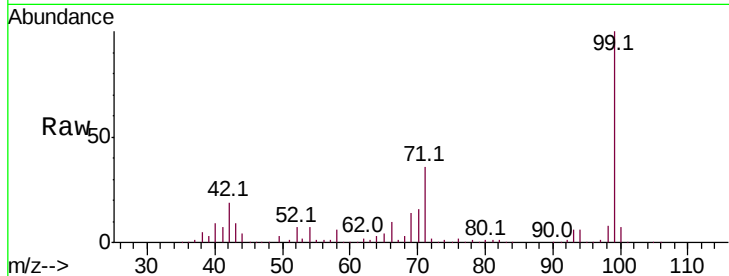
71 36.2 26.9 40.3

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#8

2-Chlorophenol

Concen: 44.144 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

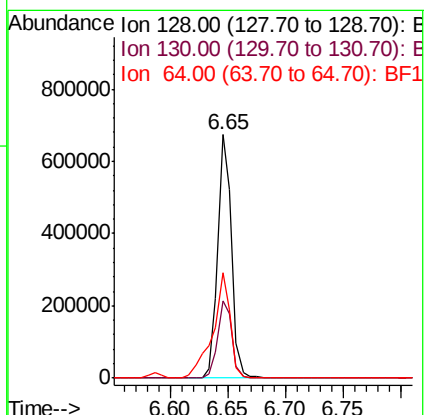
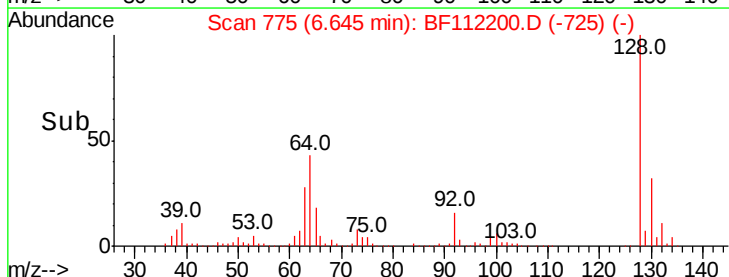
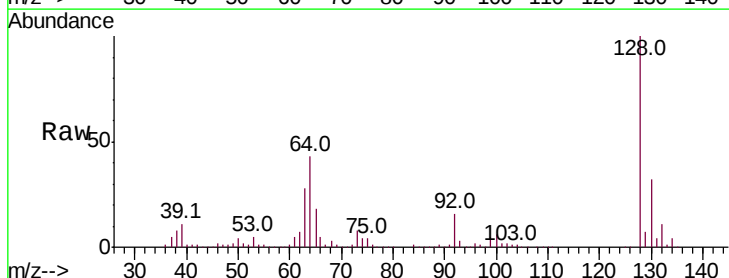
Tgt Ion:128 Resp: 558279

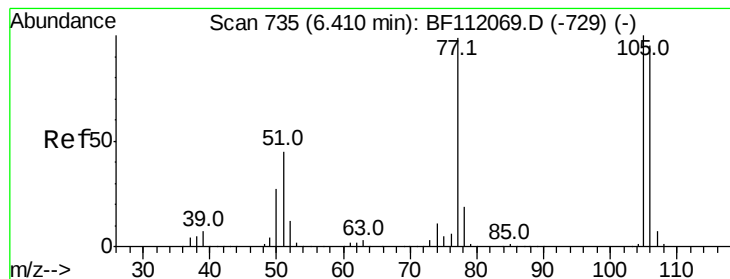
Ion Ratio Lower Upper

128 100

130 31.9 13.4 53.4

64 43.2 20.5 60.5





#9

Benzaldehyde

Concen: 12.294 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampled :

S-1MS

Tot Ion: 77 Resp: 118218

Ion Ratio Lower Upper

77 100

105 103.0 80.8 120.8

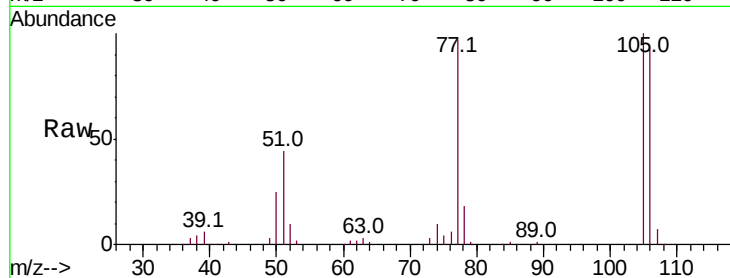
106 95.4 75.7 115.7

Manual Integrations

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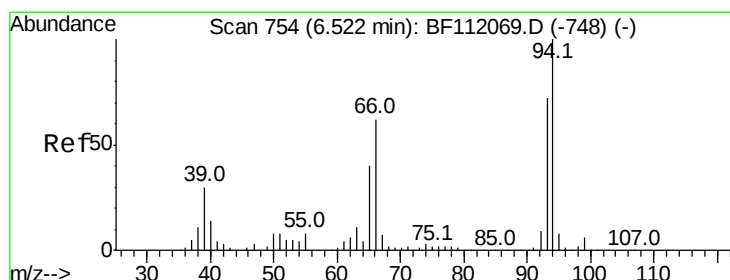
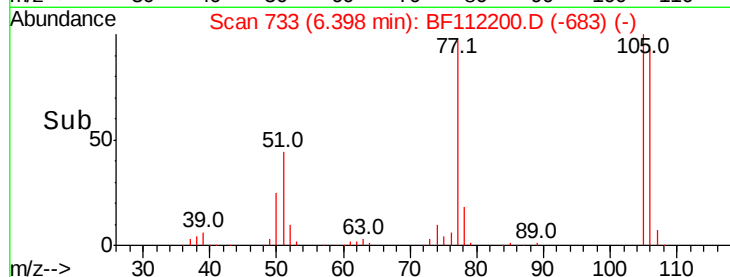
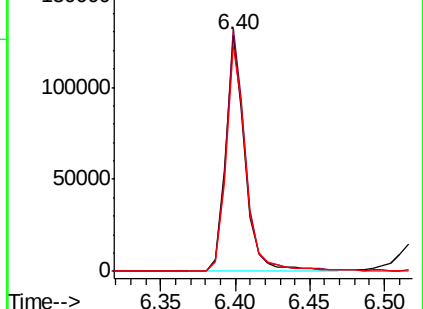
1/24/2019 11:30:22 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 43.176 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

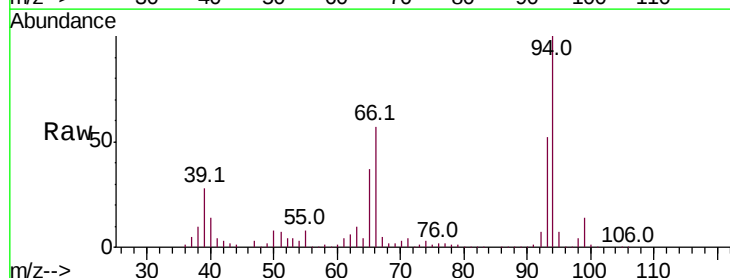
Tgt Ion: 94 Resp: 642873

Ion Ratio Lower Upper

94 100

65 36.9 20.3 60.3

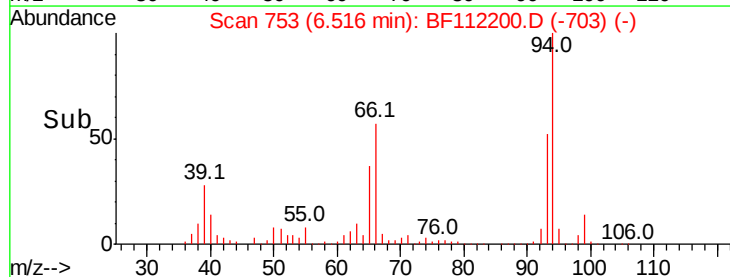
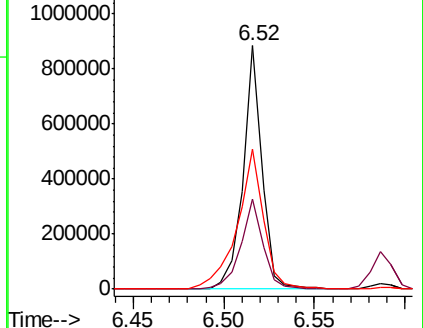
66 57.4 42.4 82.4

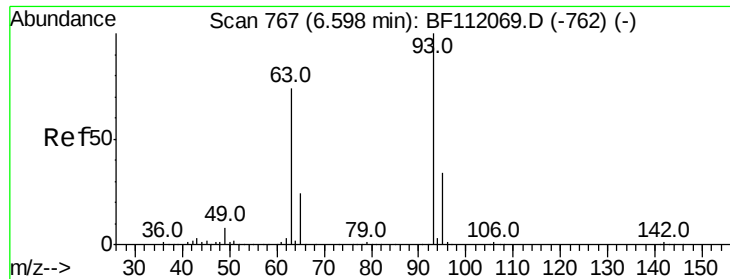


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





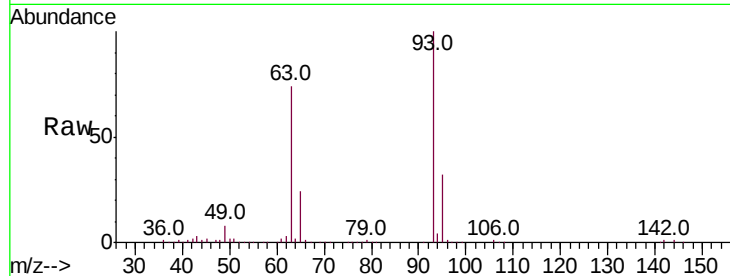
#11
bis(2-Chloroethyl)ether
Concen: 41.741 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :
S-1MS

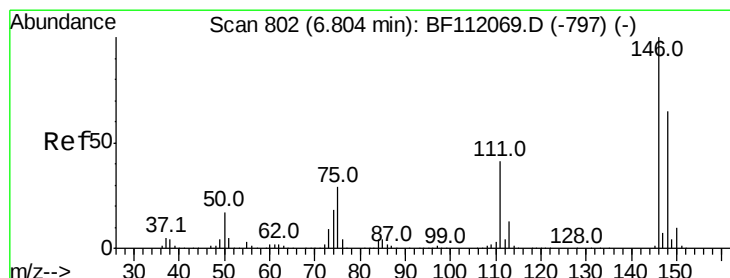
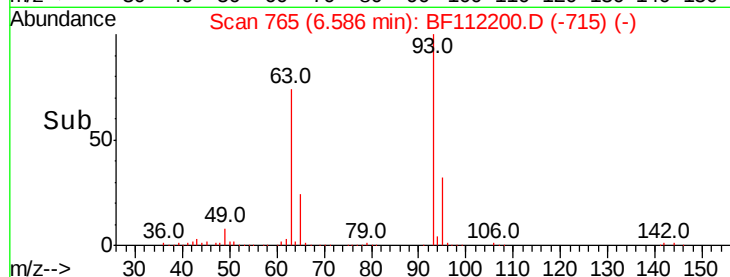
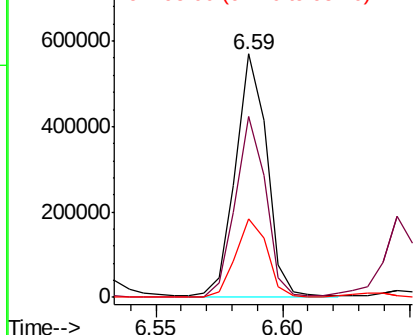
Tot Ion:	93	Resp:	494166
Ion Ratio	Lower	Upper	
93	100		
63	74.1	53.3	93.3
95	32.5	13.4	53.4

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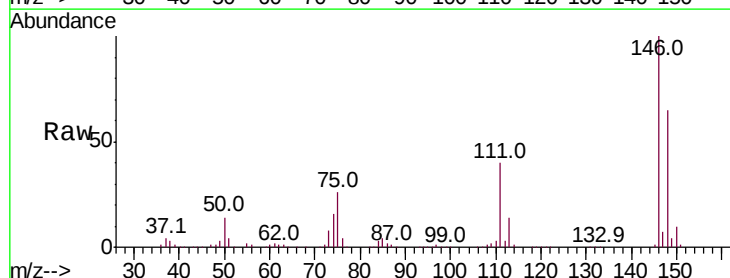


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

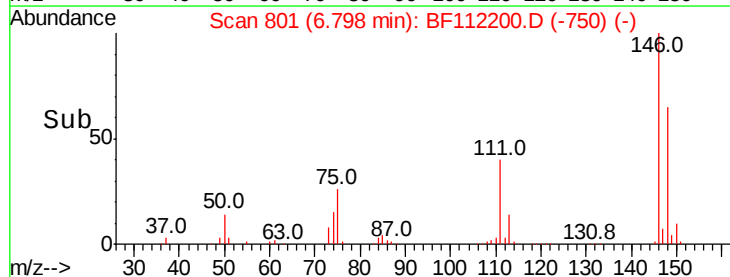
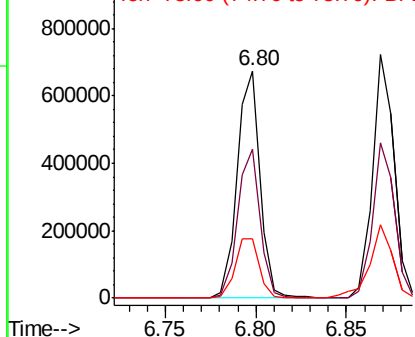


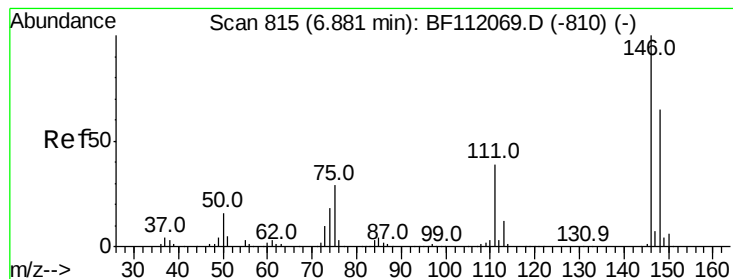
#12
1,3-Dichlorobenzene
Concen: 40.900 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:	146	Resp:	590296
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.8	77.8
75	26.3	23.1	34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.055 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

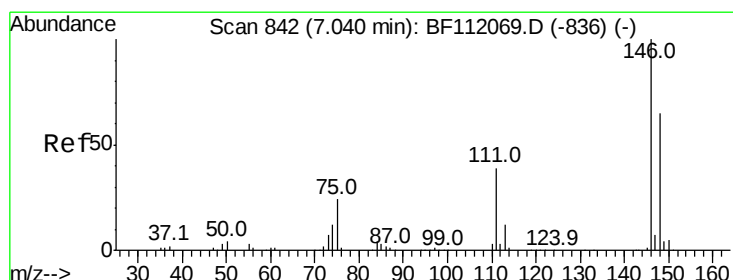
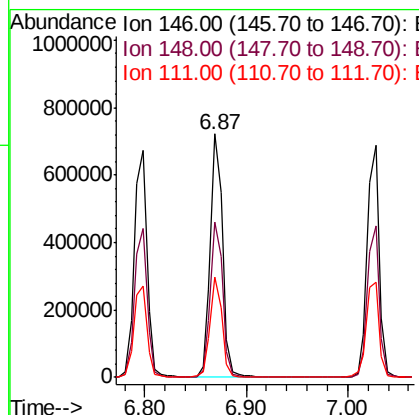
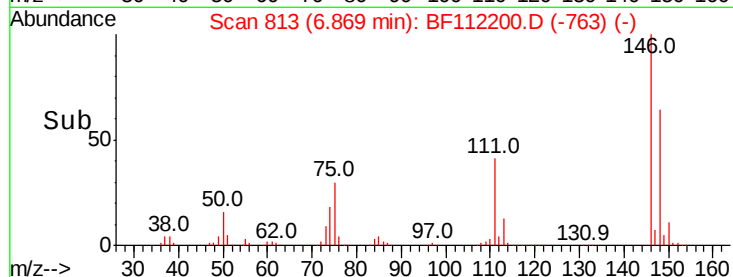
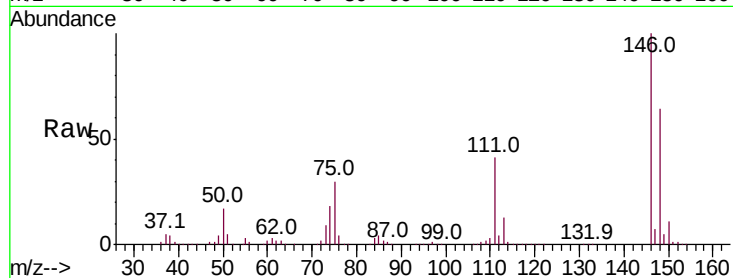
ClientSampled :

S-1MS

Tot Ion:	146	Resp:	606102
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.0	78.0
111	41.2	31.2	46.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.904 ng

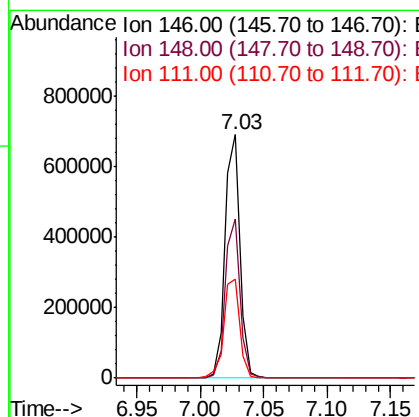
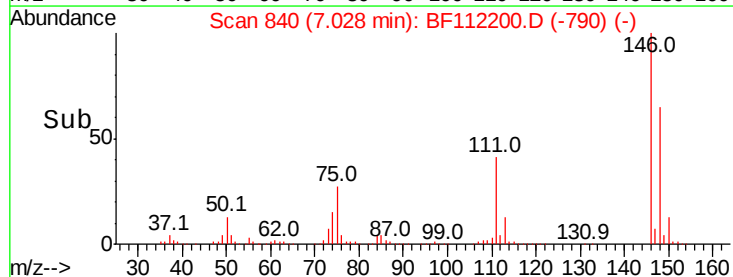
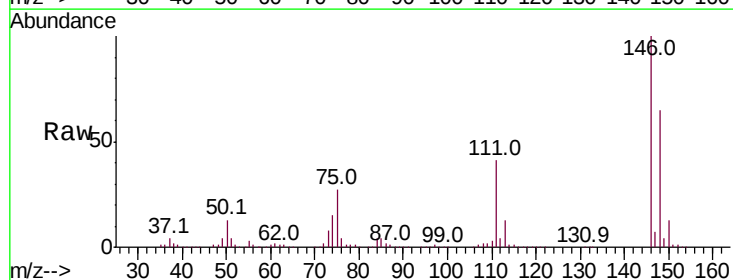
RT: 7.03 min Scan# 840

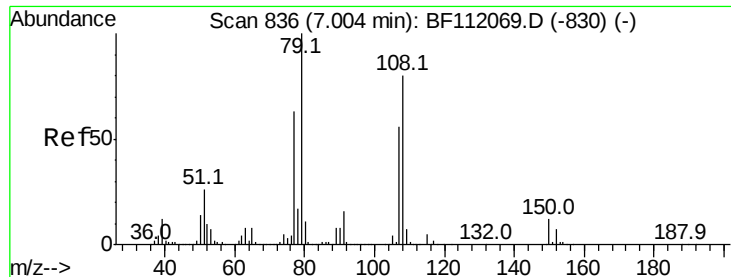
Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Tgt Ion:	146	Resp:	569838
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.2	78.4
111	40.8	31.2	46.8





#15

Benzyl Alcohol

Concen: 45.901 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

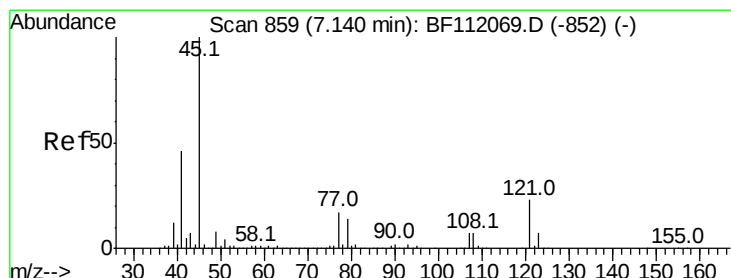
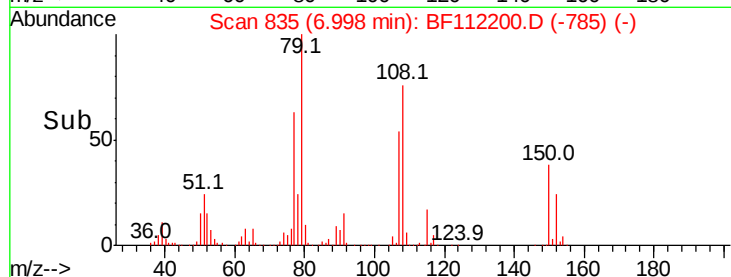
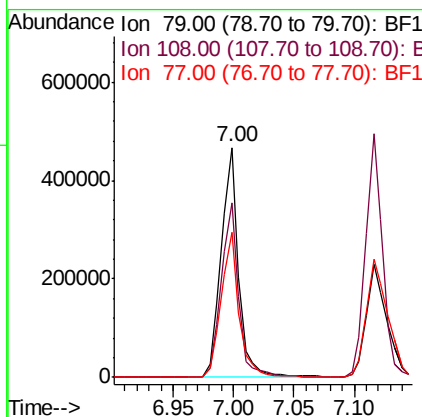
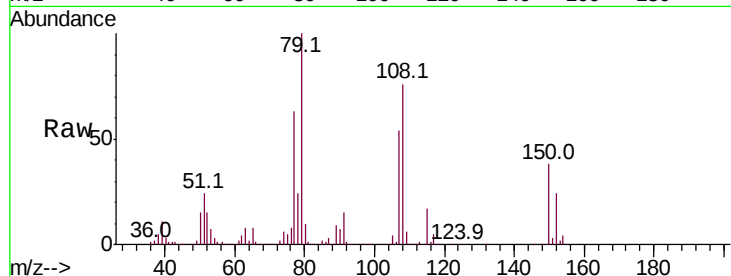
ClientSampled :

S-1MS

Tot Ion:	79	Resp:	465909
Ion Ratio	Lower	Upper	
79	100		
108	75.9	64.2	96.2
77	63.0	50.3	75.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.423 ng

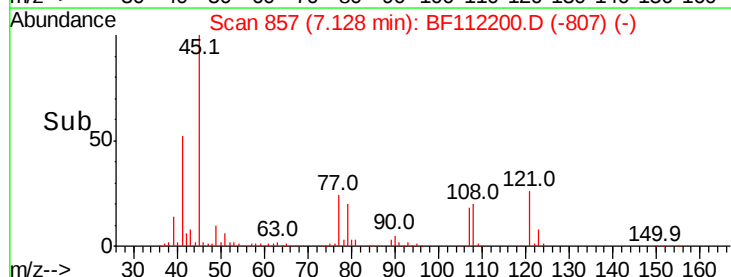
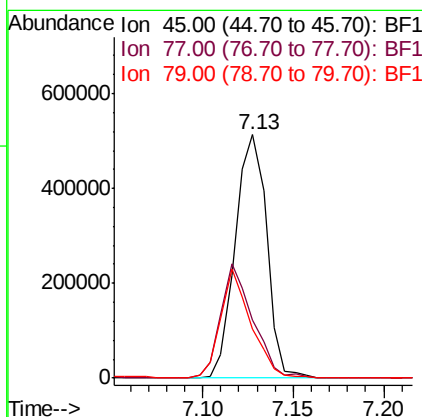
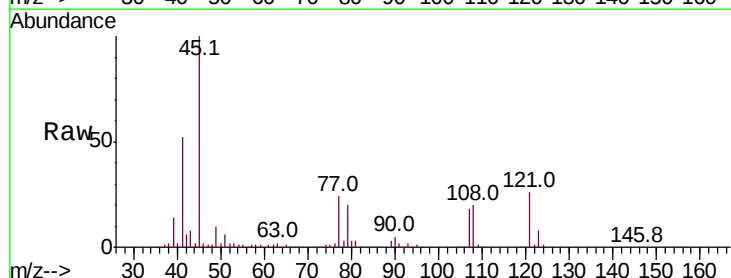
RT: 7.13 min Scan# 857

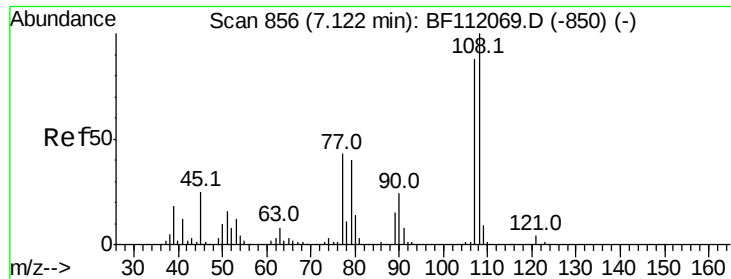
Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Tgt Ion:	45	Resp:	621838
Ion Ratio	Lower	Upper	
45	100		
77	24.0	0.0	36.9
79	20.2	0.0	34.0





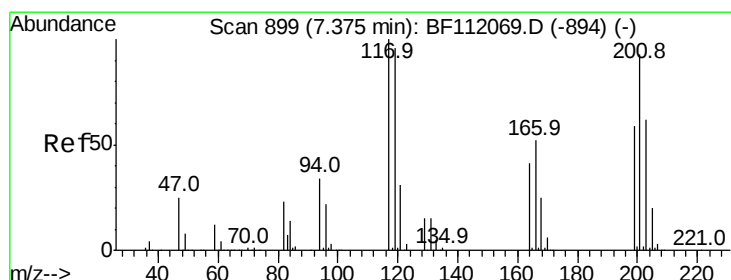
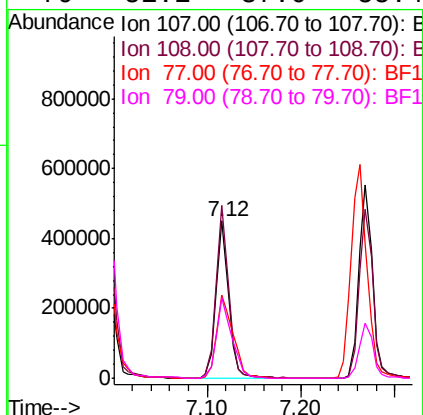
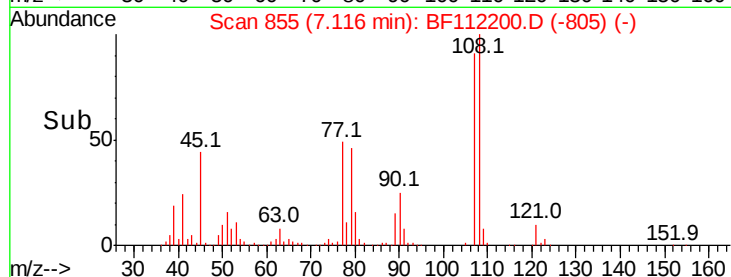
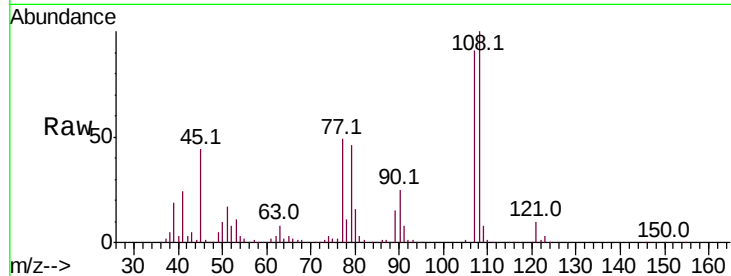
#17
2-Methylphenol
Concen: 46.431 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion:	107	Resp:	440981
Ion Ratio	Lower	Upper	
107	100		
108	110.1	91.3	136.9
77	53.4	39.0	58.6
79	51.1	37.0	55.4

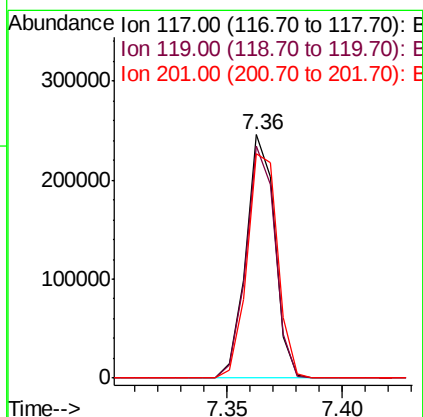
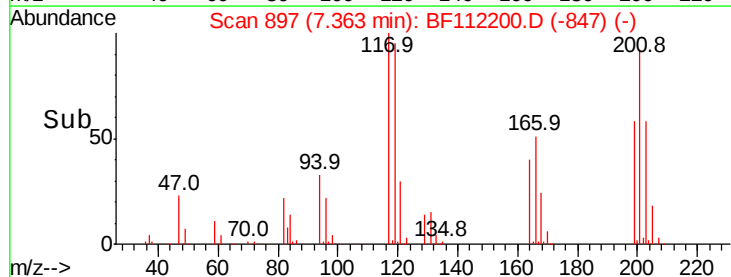
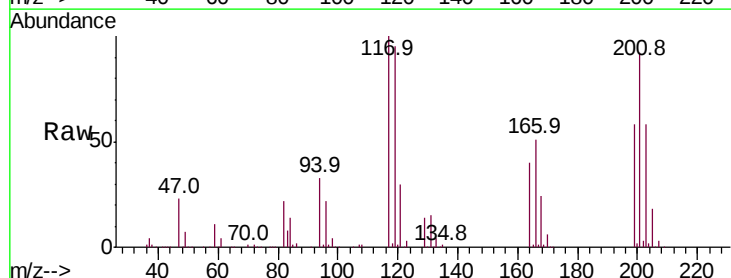
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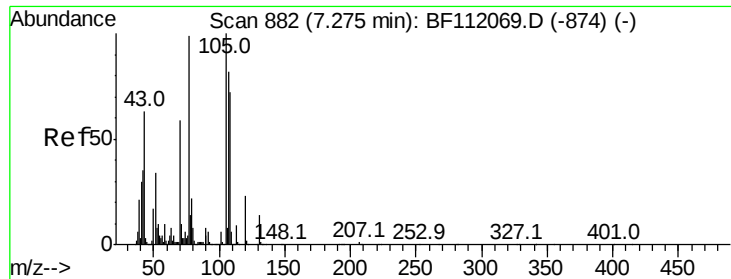
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#18
Hexachloroethane
Concen: 43.617 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:	117	Resp:	214916
Ion Ratio	Lower	Upper	
117	100		
119	95.3	77.0	115.4
201	91.9	74.1	111.1





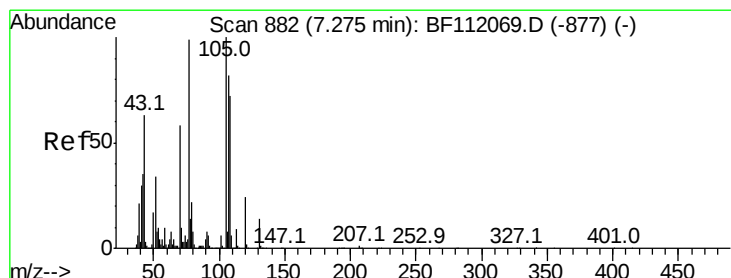
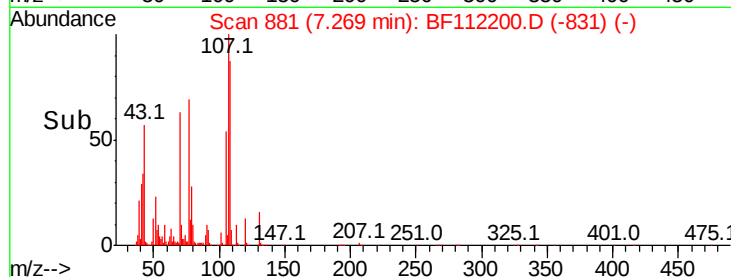
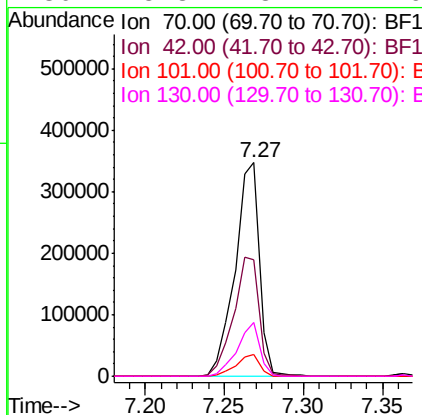
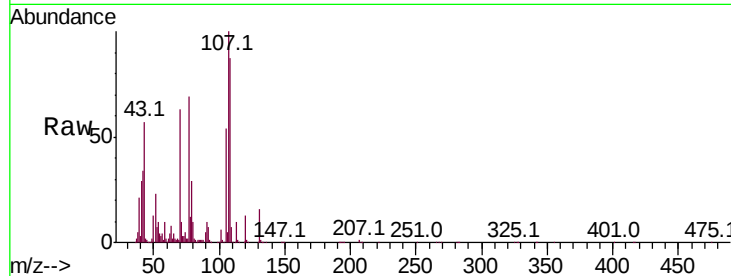
#19
n-Nitroso-di-n-propylamine
Concen: 44.624 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.6	71.4
101	10.1	7.9	11.9
130	25.3	18.4	27.6

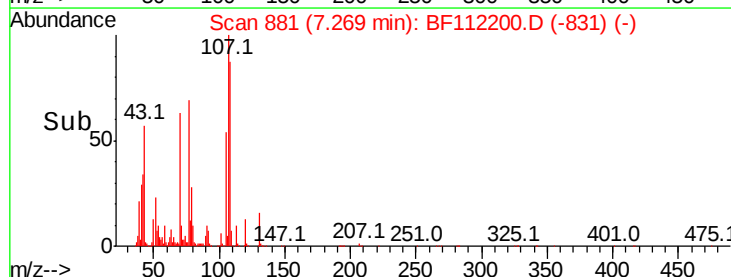
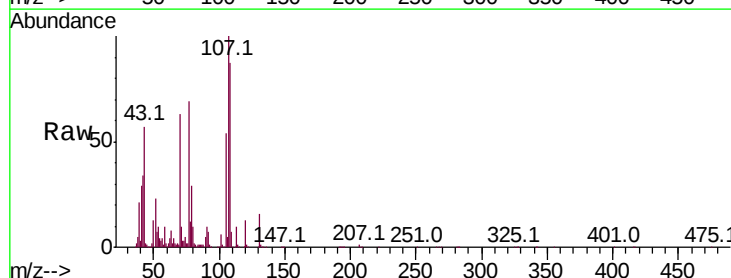
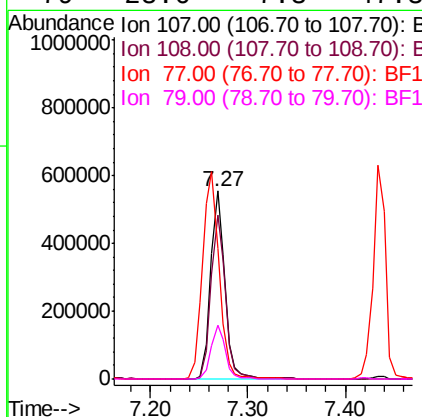
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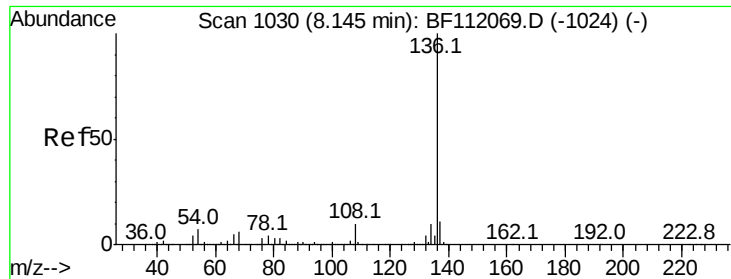
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#20
3+4-Methylphenols
Concen: 48.755 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	69.5	100.7	140.7#
79	28.6	7.3	47.3





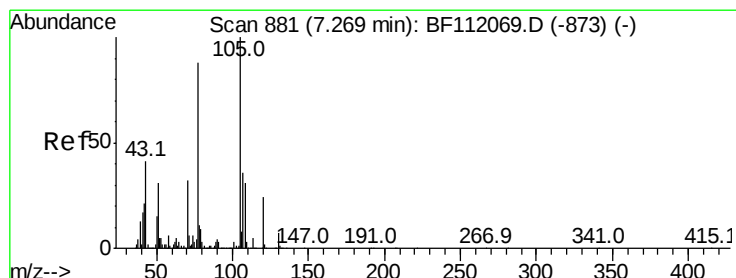
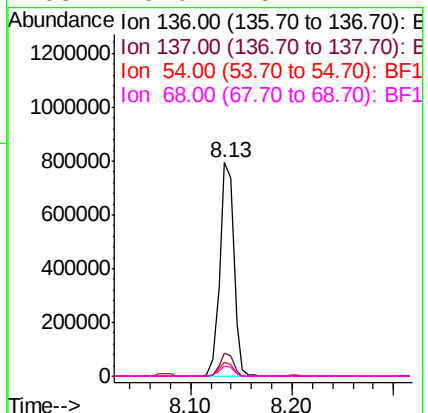
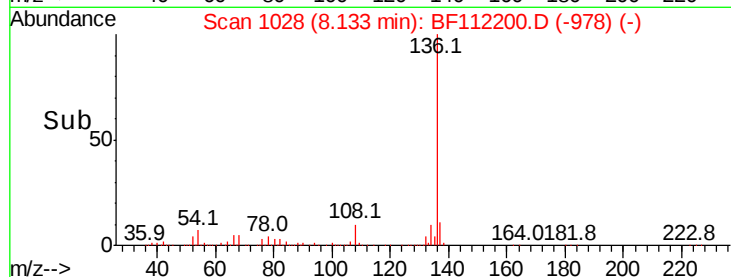
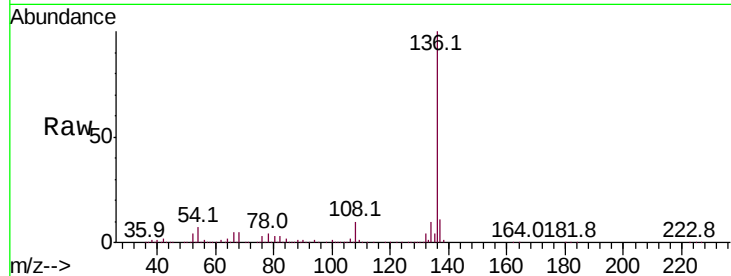
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	6.8	5.9	8.9	
68	5.0	5.1	7.7	

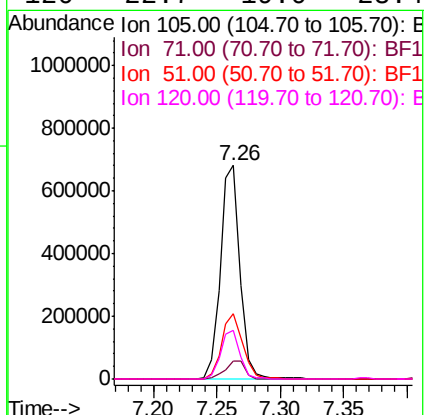
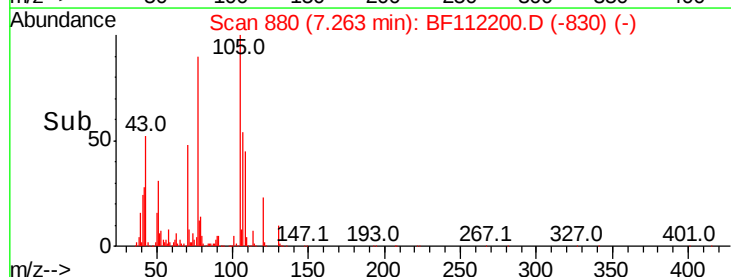
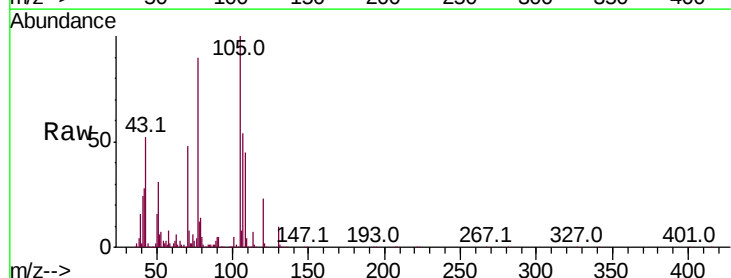
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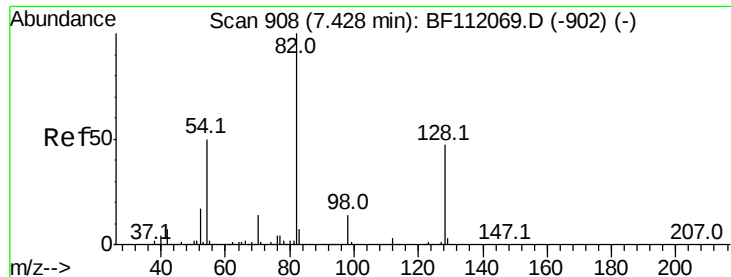
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#22
Acetophenone
Concen: 41.457 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.2	4.6	6.8	
51	30.8	25.0	37.6	
120	22.7	19.0	28.4	





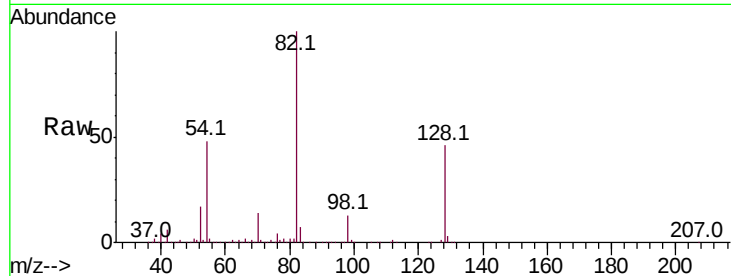
#23
Nitrobenzene-d5
Concen: 108.187 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :
S-1MS

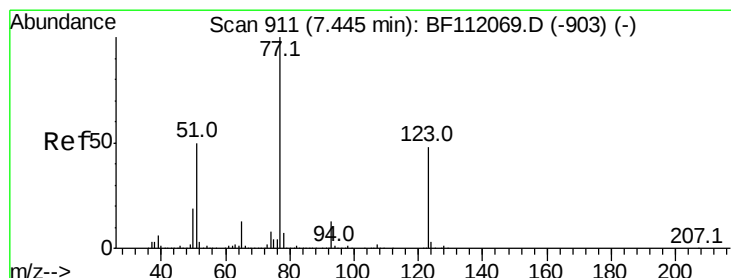
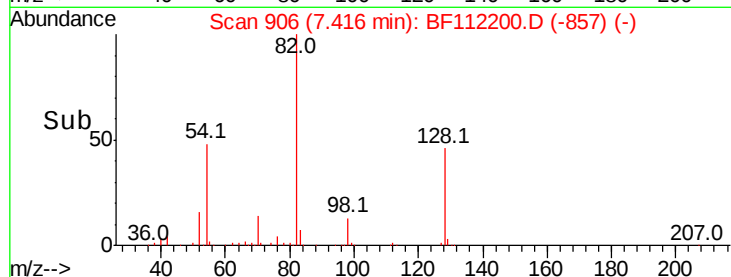
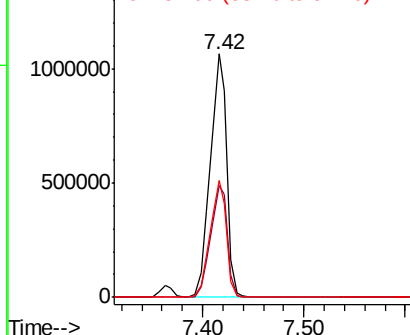
Tot Ion: 82 Resp: 1199245
Ion Ratio Lower Upper
82 100
128 45.7 37.8 56.8
54 48.3 39.7 59.5

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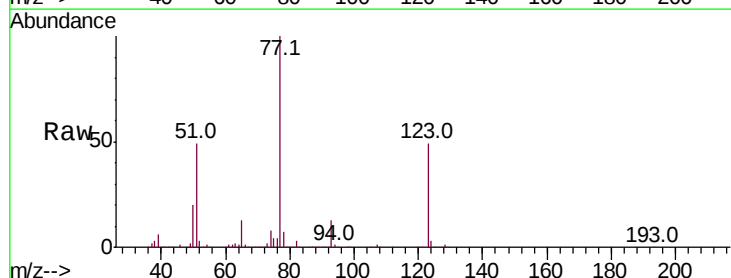


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

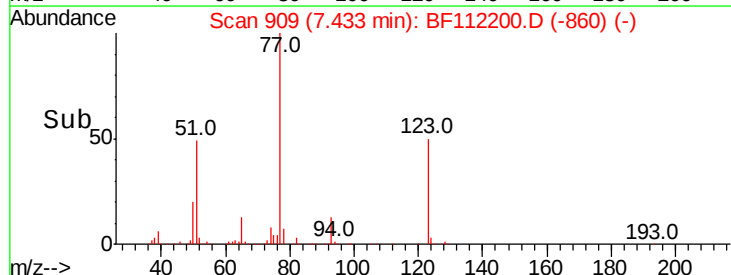
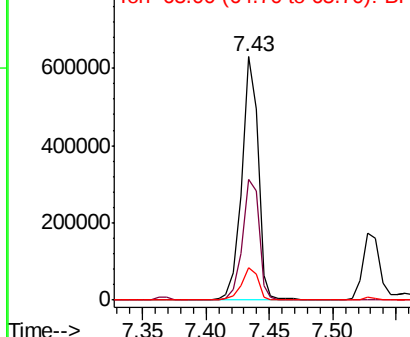


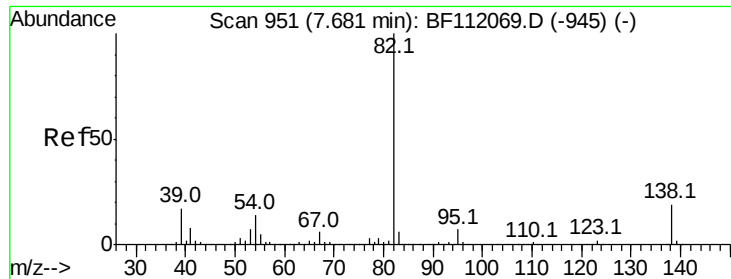
#24
Nitrobenzene
Concen: 47.306 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion: 77 Resp: 555747
Ion Ratio Lower Upper
77 100
123 49.3 38.4 57.6
65 13.4 10.6 15.8



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





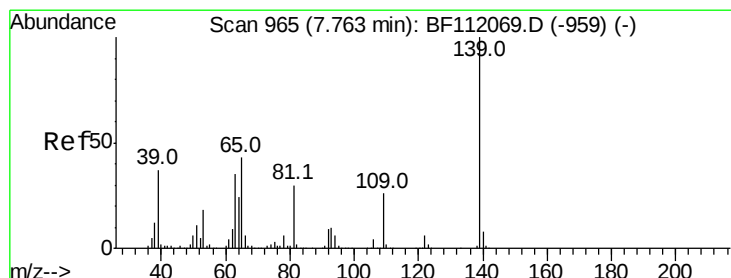
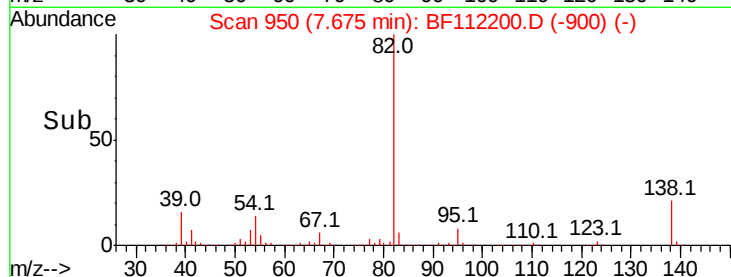
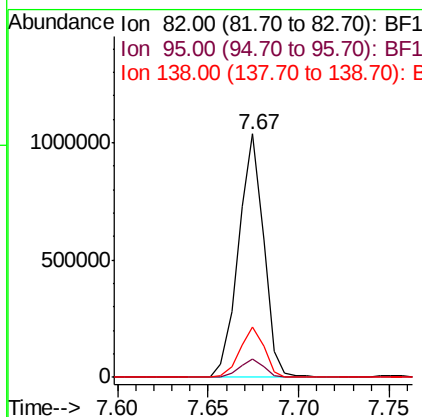
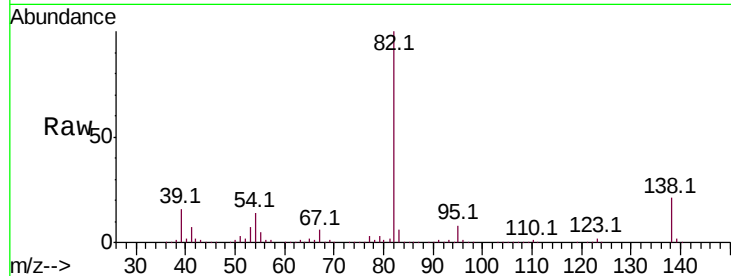
#25
Isophorone
Concen: 46.919 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion: 82 Resp: 1004583
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 20.9 15.4 23.0

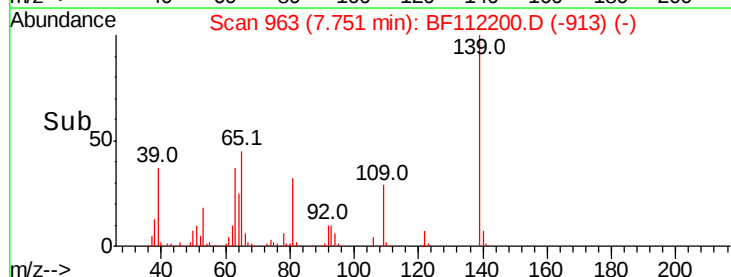
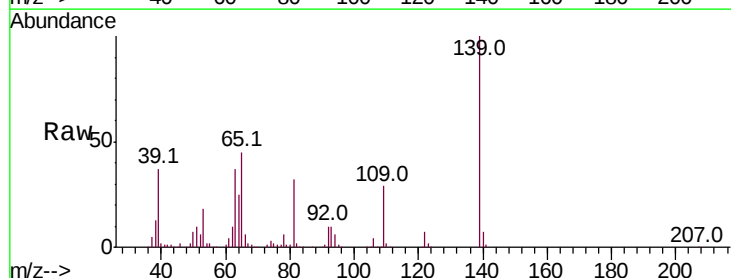
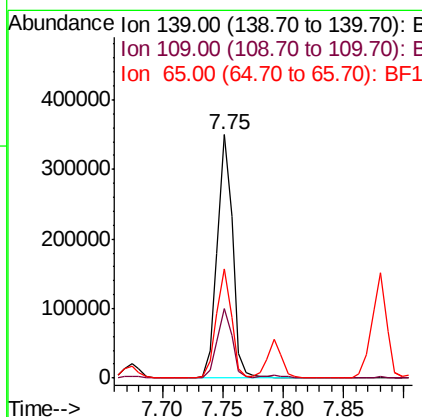
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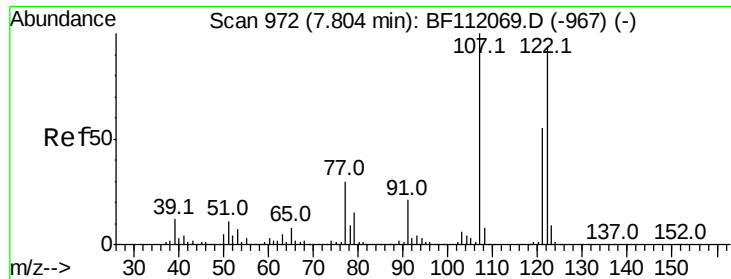
Sohil
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#26
2-Nitrophenol
Concen: 50.312 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion: 139 Resp: 305457
Ion Ratio Lower Upper
139 100
109 28.7 20.8 31.2
65 44.9 34.4 51.6





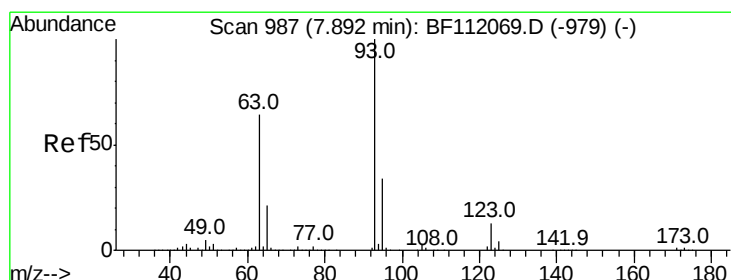
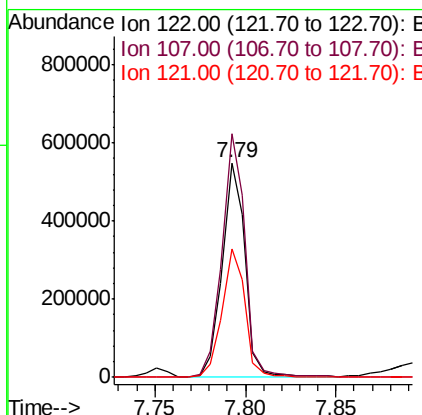
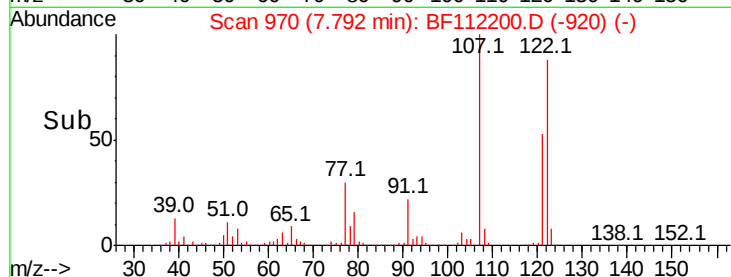
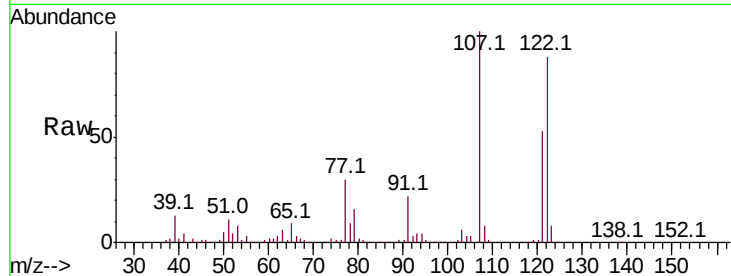
#27
2,4-Dimethylphenol
Concen: 48.693 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	85.4	128.0
121	59.9	47.0	70.4

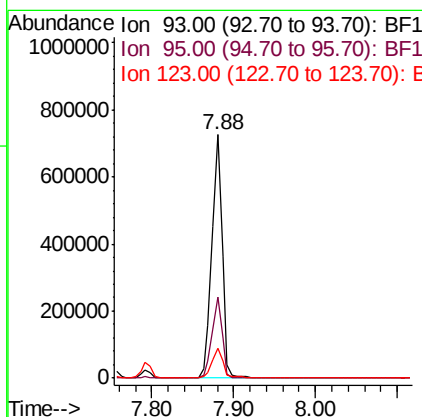
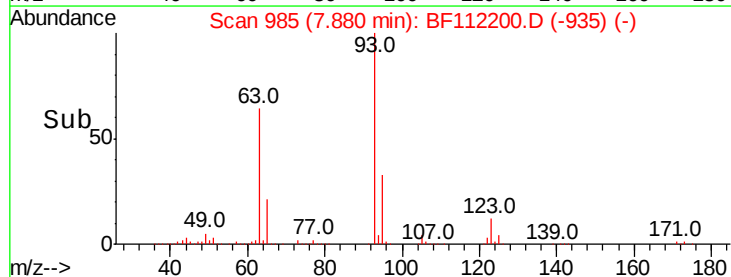
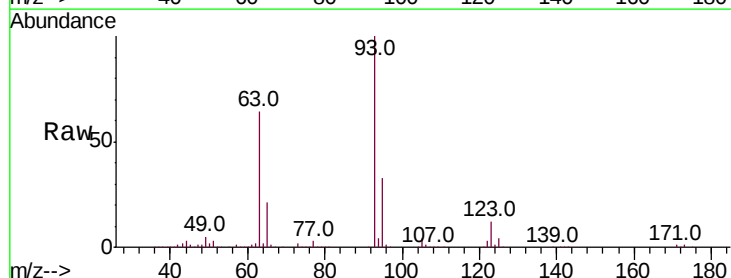
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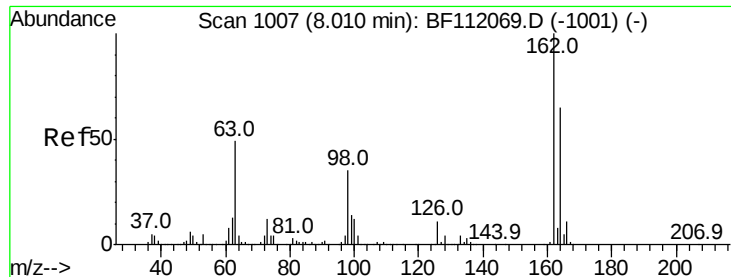
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.266 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.8	40.2
123	12.5	10.2	15.2





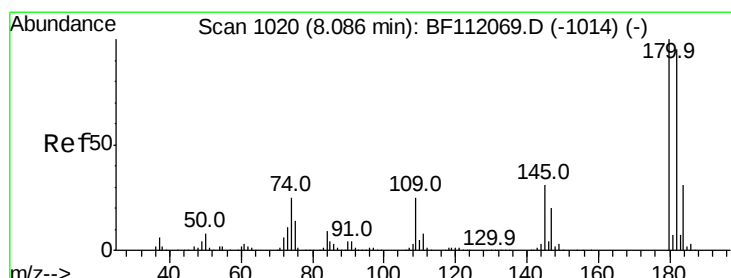
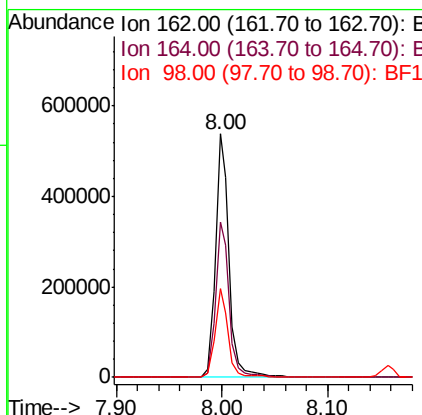
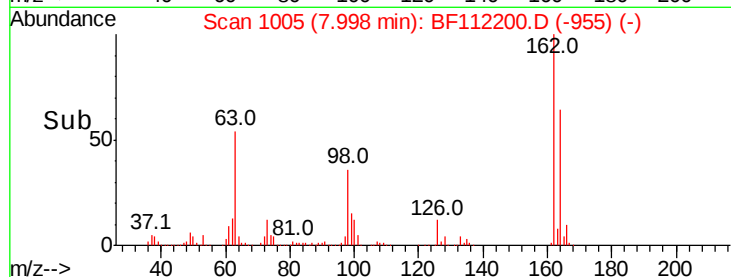
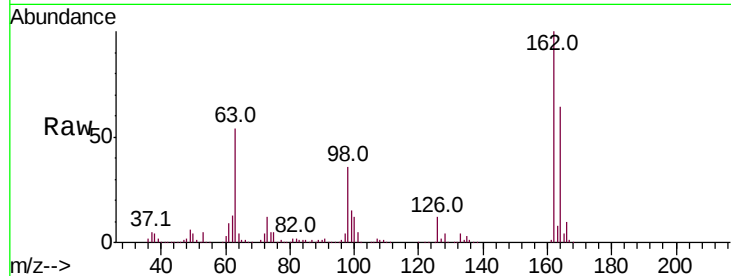
#29
 2,4-Dichlorophenol
 Concen: 45.338 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Instrument :
 BNA_F
 ClientSampled :
 S-1MS

Tot Ion:	162	Resp:	492225
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.6	84.6
98	36.4	14.6	54.6

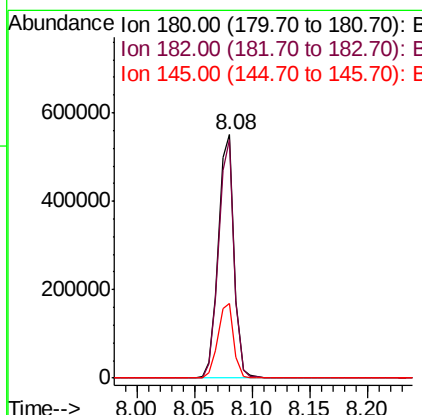
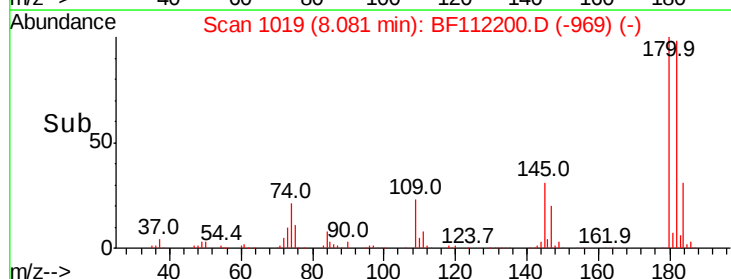
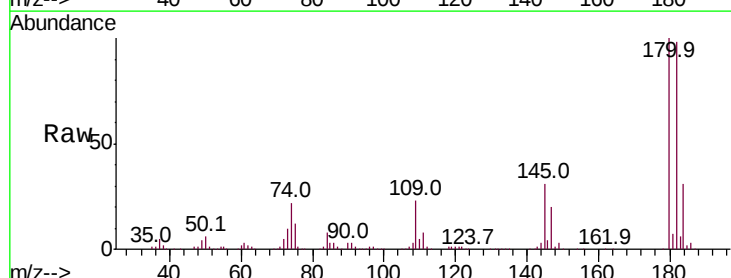
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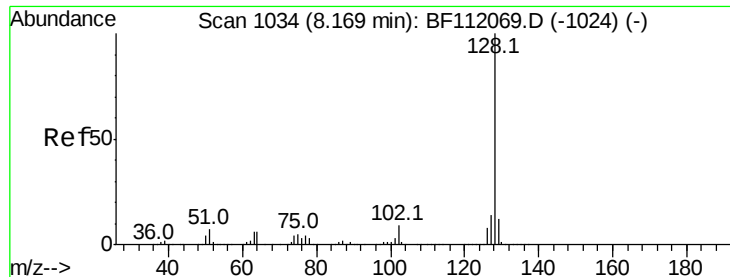
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.566 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Tgt Ion:	180	Resp:	523716
Ion Ratio	Lower	Upper	
180	100		
182	97.9	76.4	114.6
145	30.7	25.0	37.4





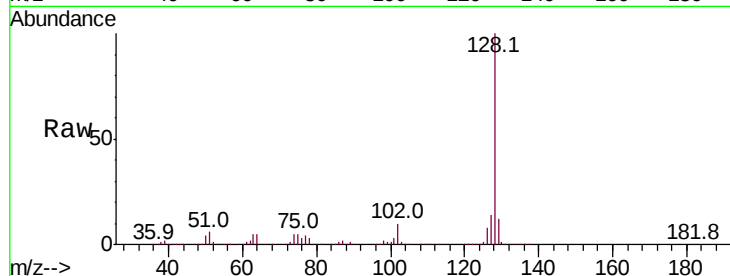
#31
Naphthalene
Concen: 45.932 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :
S-1MS

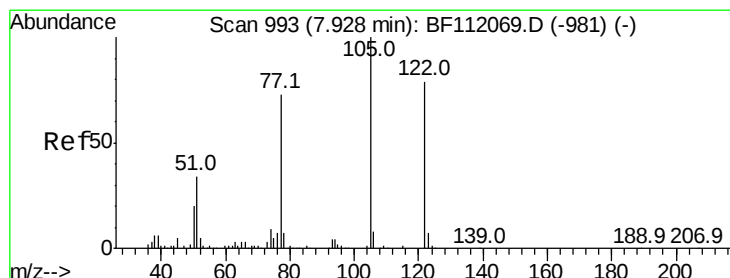
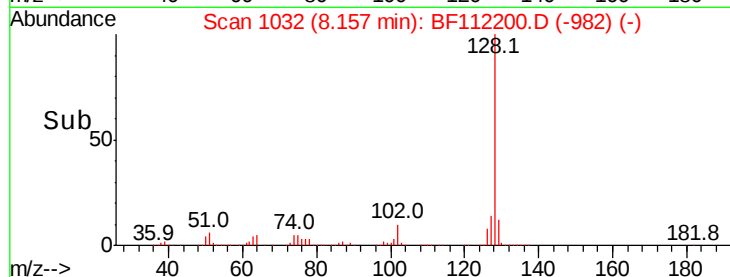
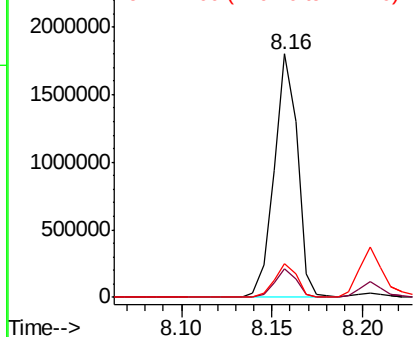
Tot Ion:128 Resp: 1599933
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.8 11.1 16.7

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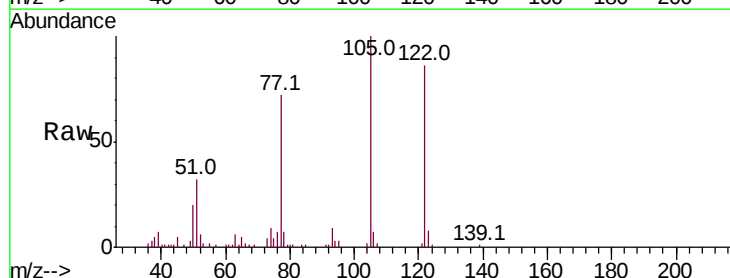


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

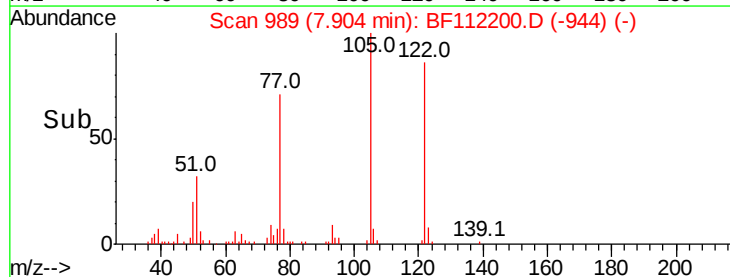
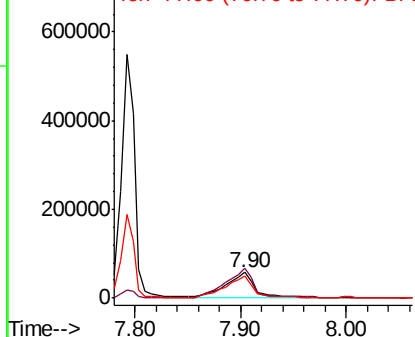


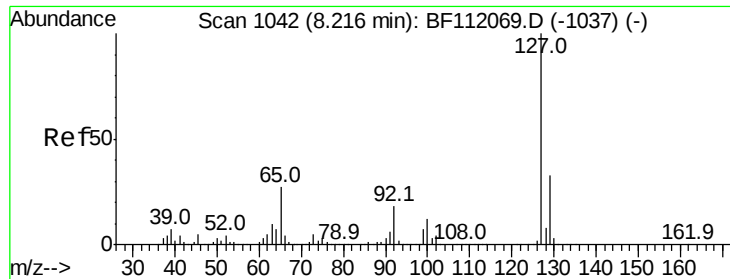
#32
Benzoic acid
Concen: 28.677 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.04 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:122 Resp: 103004
Ion Ratio Lower Upper
122 100
105 116.5 101.2 141.2
77 83.7 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





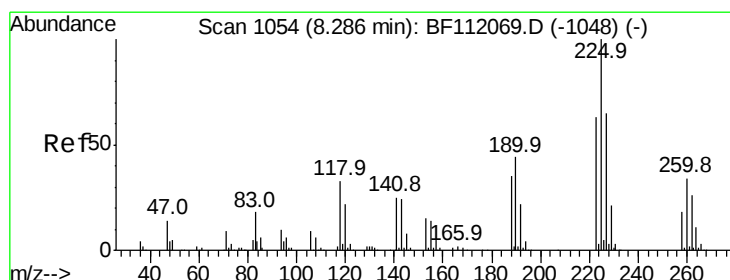
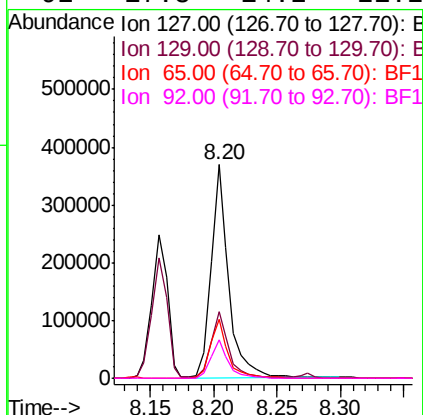
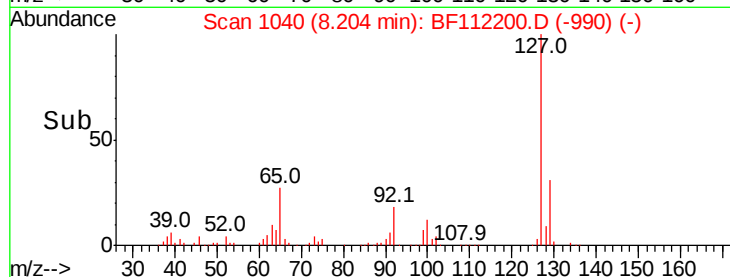
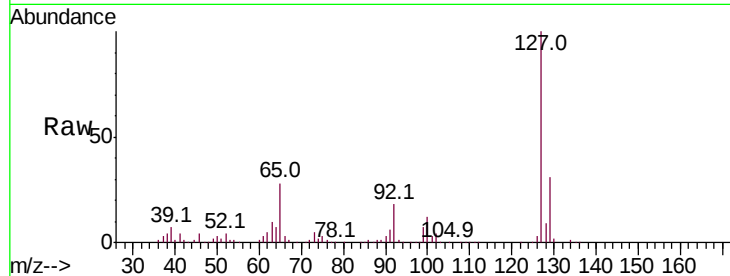
#33
4-Chloroaniline
Concen: 23.058 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	26.6	39.8	
65	27.6	21.4	32.2	
92	17.8	14.2	21.2	

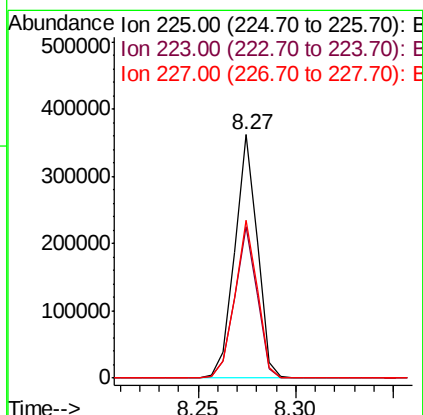
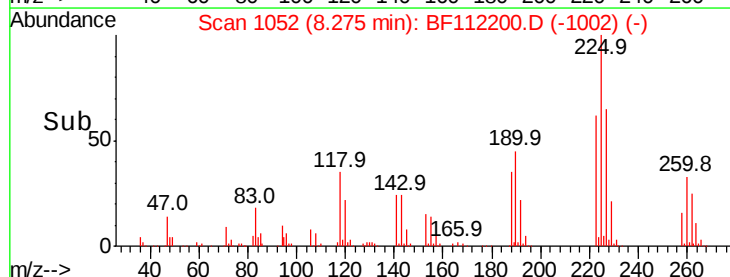
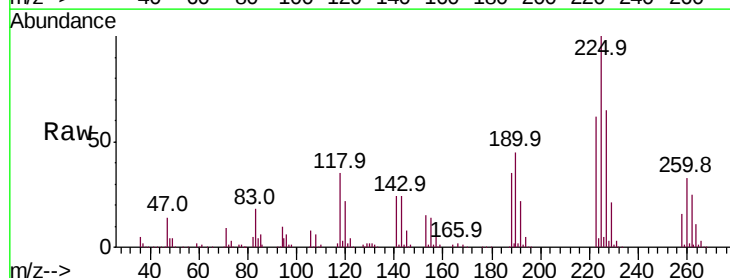
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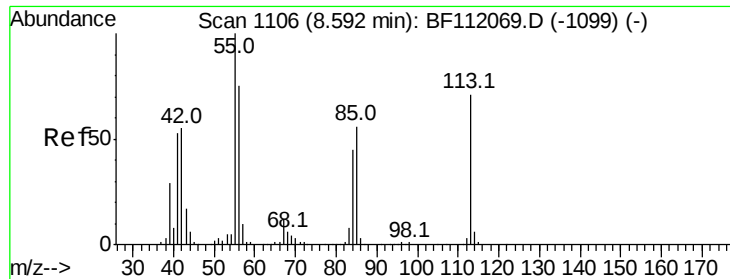
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#34
Hexachlorobutadiene
Concen: 41.373 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	50.3	75.5	
227	64.8	51.8	77.8	





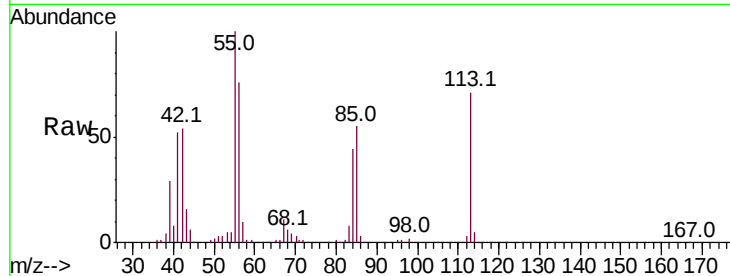
#35
Caprolactam
Concen: 40.987 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	141.1	121.6	161.6	
56	107.3	86.7	126.7	

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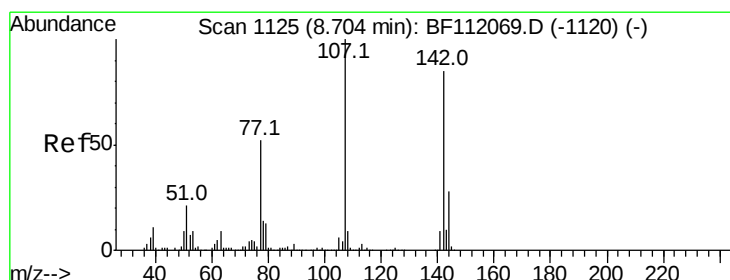
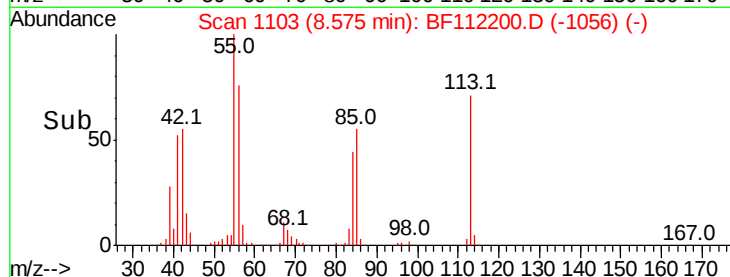
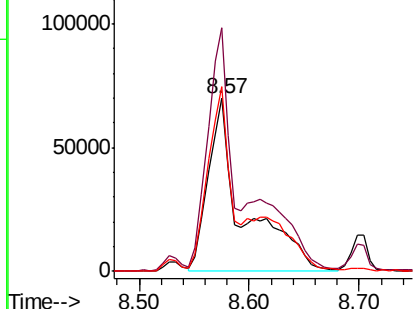


Abundance

Ion 113.00 (112.70 to 113.70): E

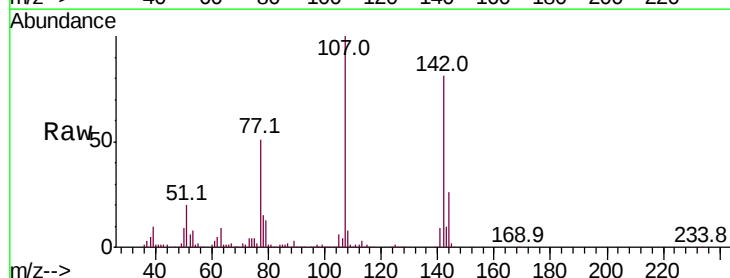
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 47.870 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.2	22.2	33.2	
142	80.9	67.7	101.5	

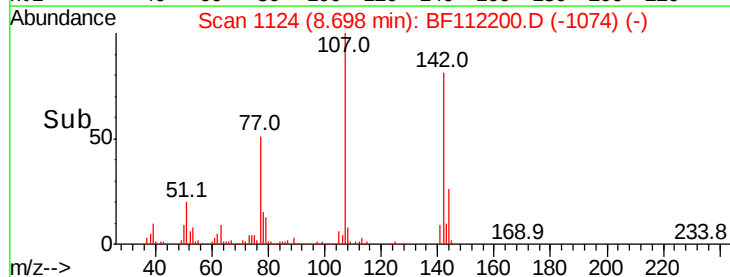
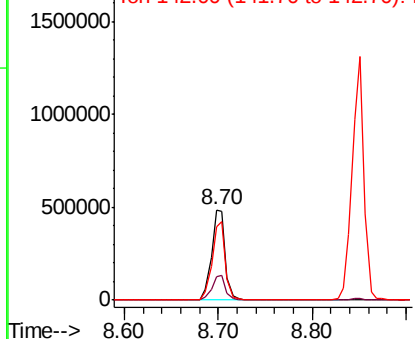


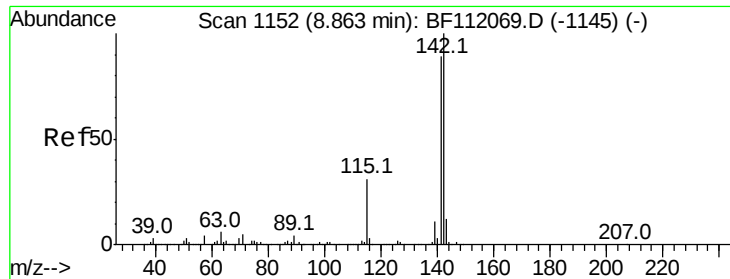
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





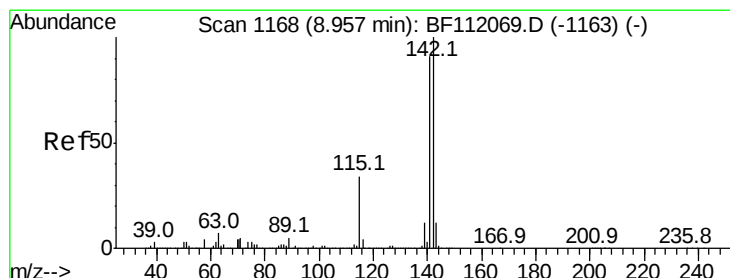
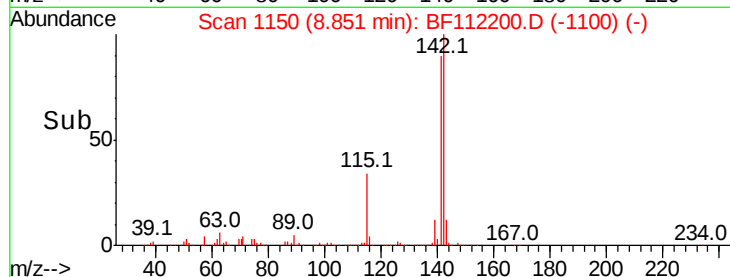
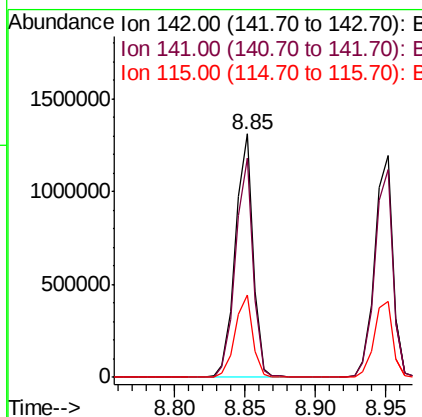
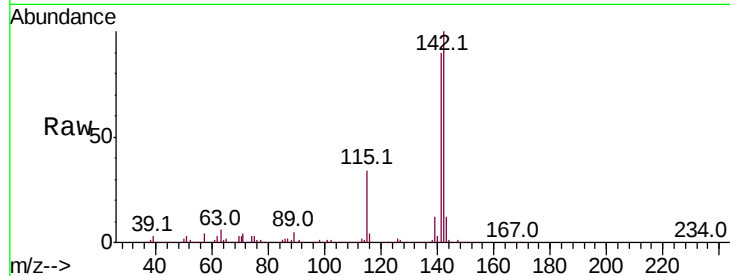
#37
2-Methylnaphthalene
Concen: 48.547 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.9	106.3
115	33.9	24.9	37.3

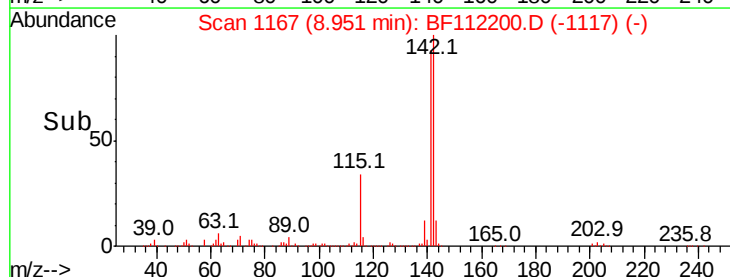
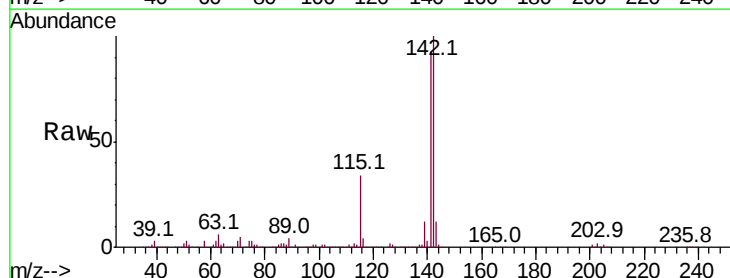
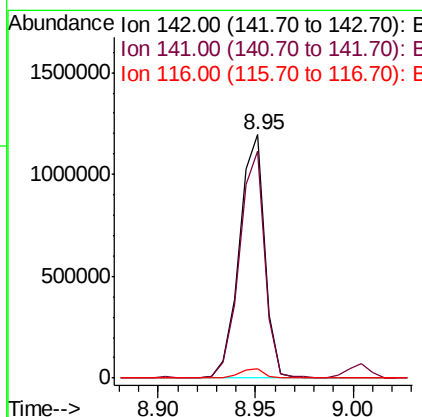
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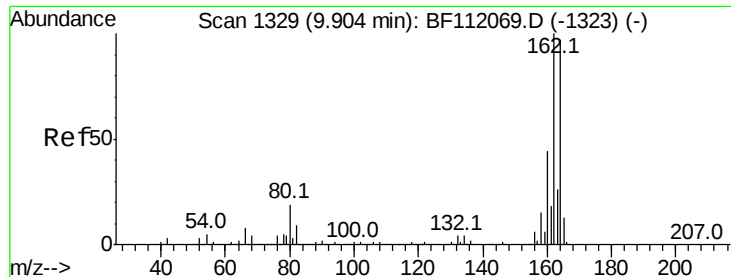
Sohil
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#38
1-Methylnaphthalene
Concen: 47.076 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.6	108.8
116	3.7	2.8	4.2





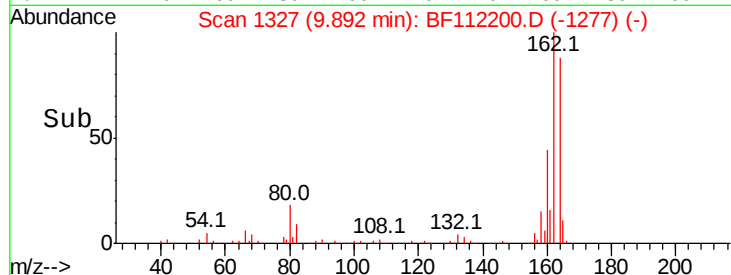
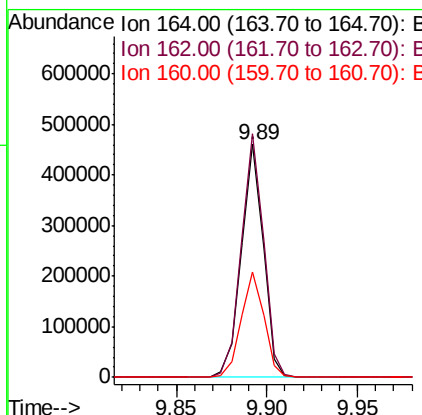
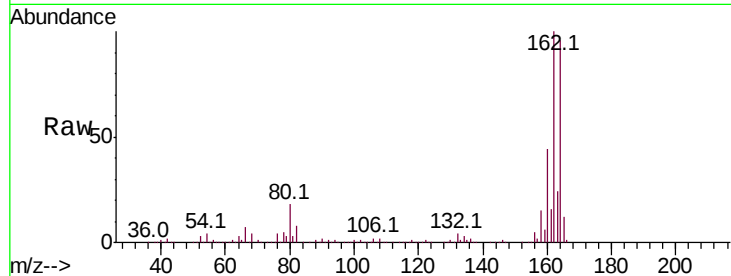
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.2	123.4
160	45.5	36.2	54.4

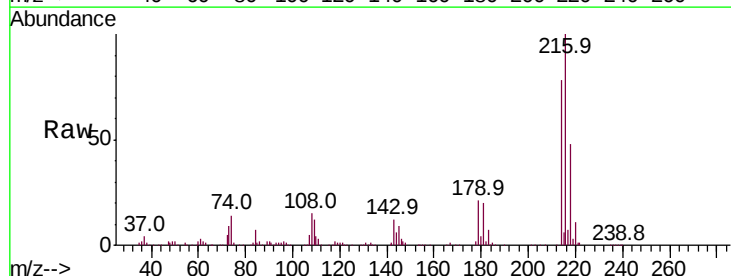
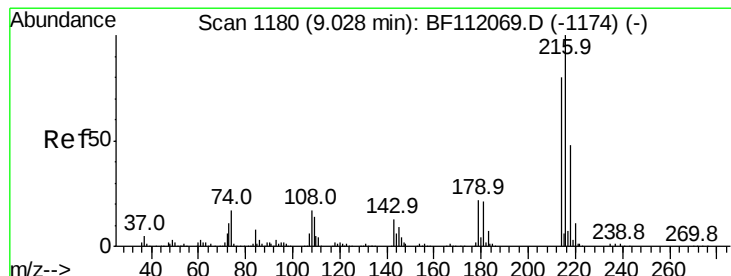
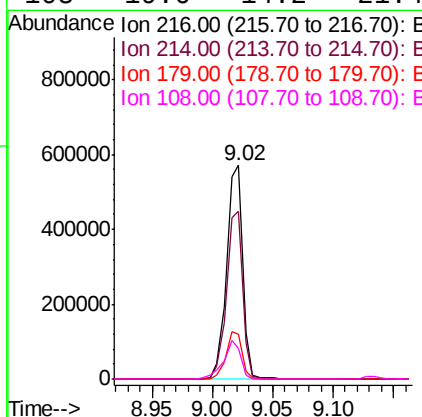
Manual Integrations
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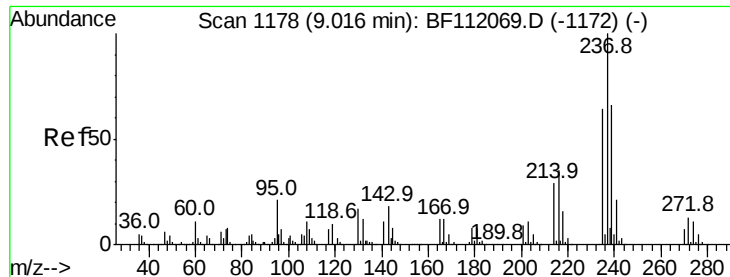
Sohil
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.194 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	22.0	16.9	25.3
108	19.6	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 81.212 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

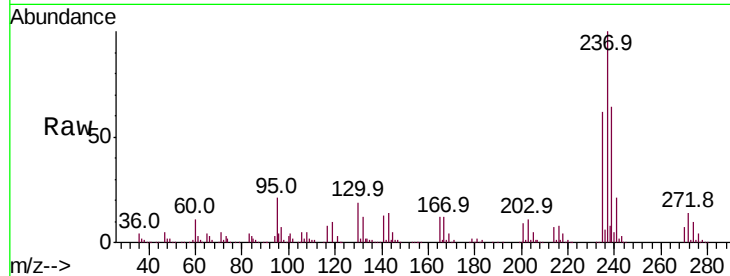
ClientSampleId :

S-1MS

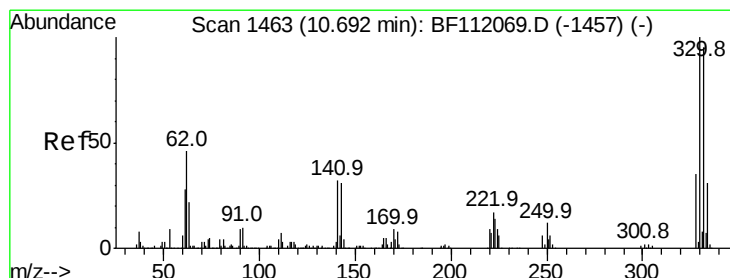
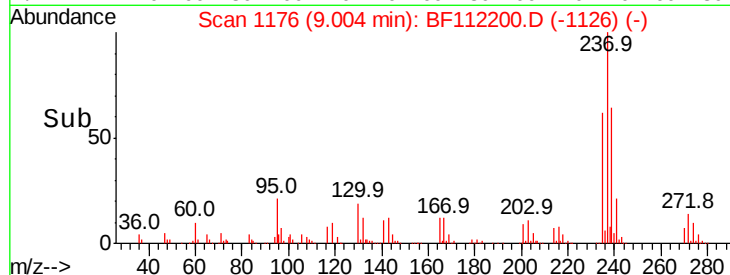
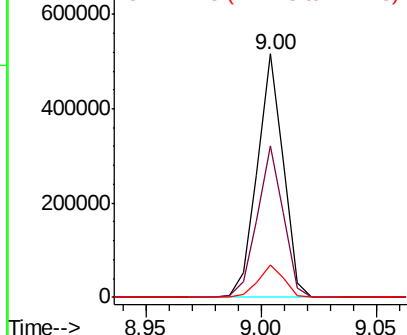
Tot Ion:	237	Resp:	406334
Ion Ratio	Lower	Upper	
237	100		
235	62.3	44.0	84.0
272	13.6	0.0	33.3

Manual Integrations
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1/24/2019 11:30:22 AM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 155.376 ng

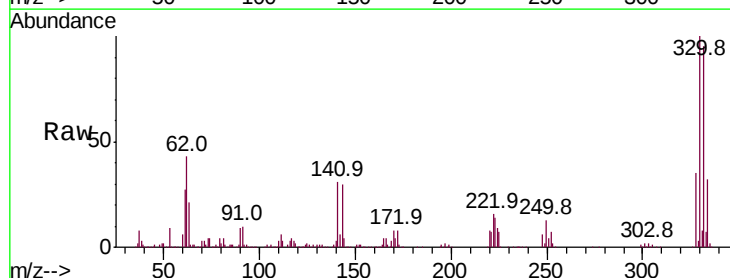
RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

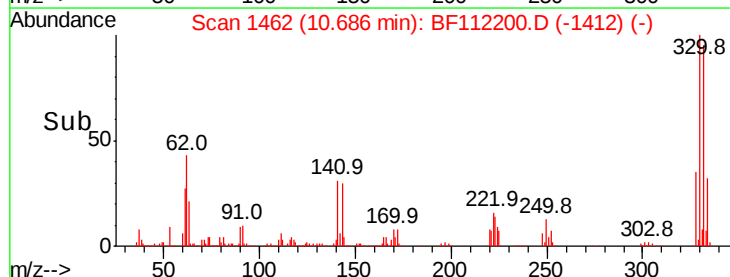
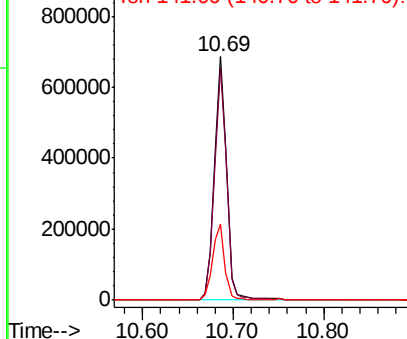
Lab File: BF112200.D

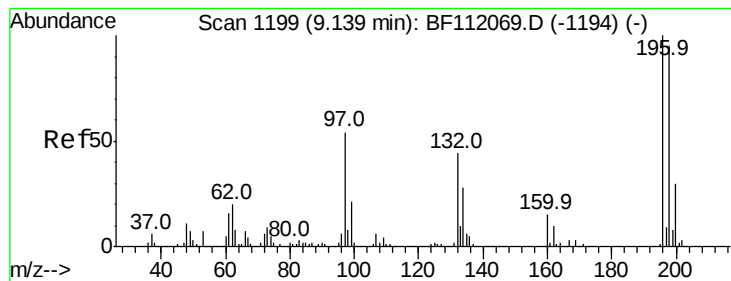
Acq: 23 Jan 2019 14:29

Tgt Ion:	330	Resp:	652589
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.6	114.8
141	31.2	24.3	36.5



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





#43

2,4,6-Trichlorophenol

Concen: 47.260 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

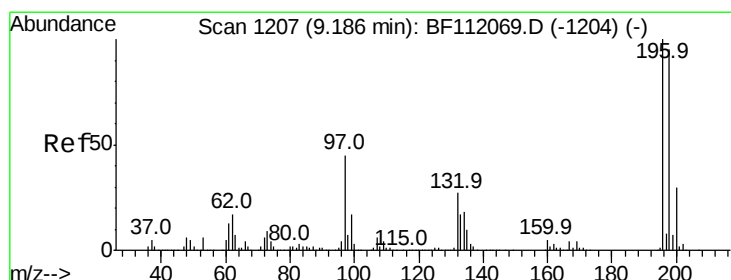
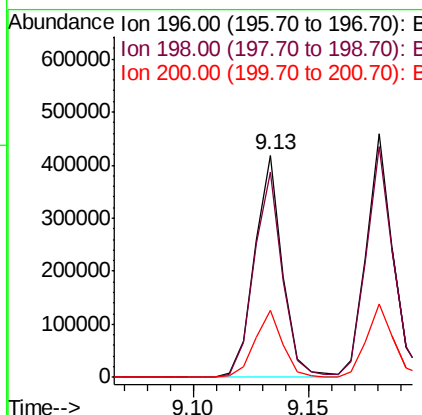
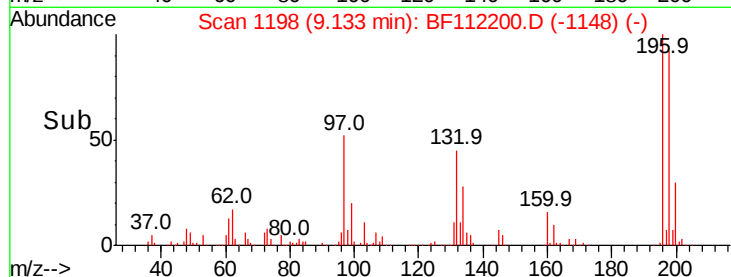
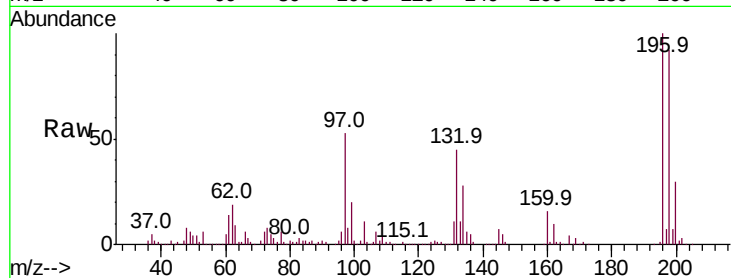
ClientSampled :

S-1MS

Tot Ion:	196	Resp:	353459
Ion Ratio	Lower	Upper	
196	100		
198	92.4	76.2	114.4
200	30.2	24.3	36.5

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#44

2,4,5-Trichlorophenol

Concen: 46.658 ng

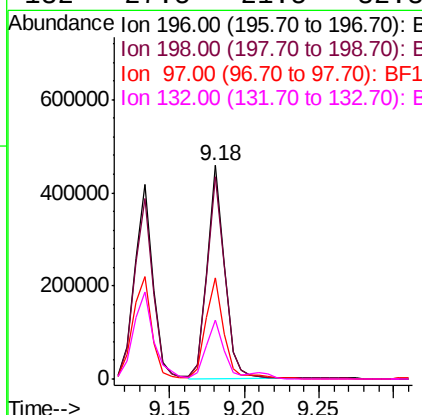
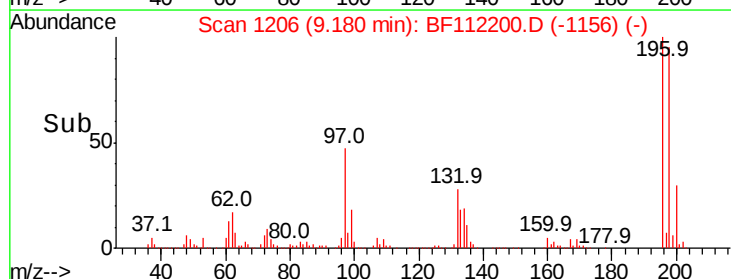
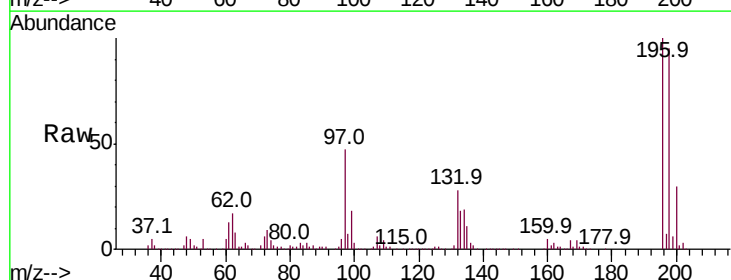
RT: 9.18 min Scan# 1206

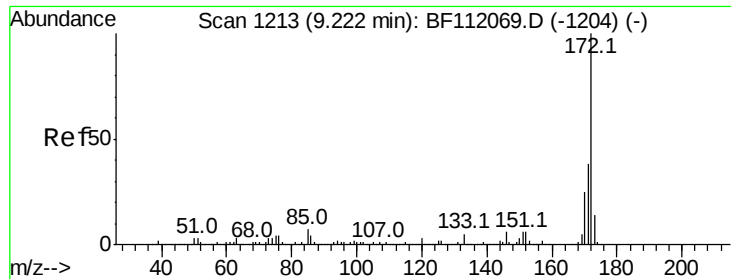
Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Tgt Ion:	196	Resp:	371655
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.0	114.0
97	47.4	36.4	54.6
132	27.5	21.5	32.3





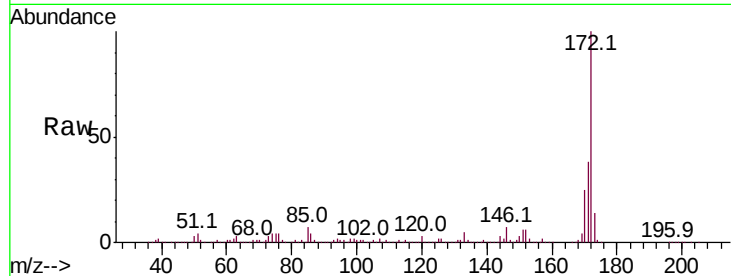
#45
2-Fluorobiphenyl
Concen: 90.280 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :
S-1MS

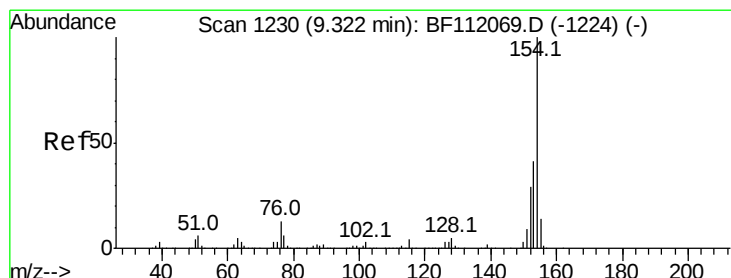
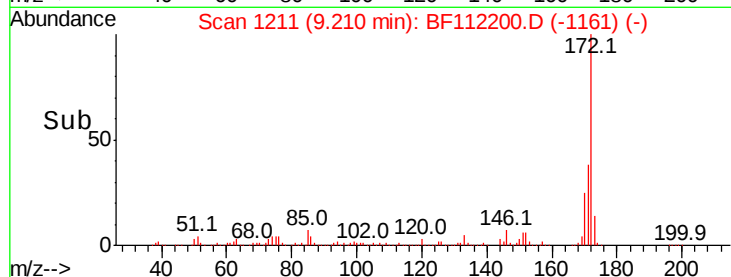
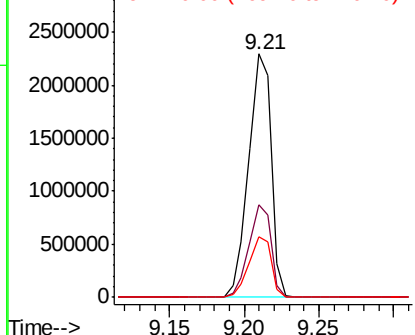
Tot Ion:172 Resp: 2397440
Ion Ratio Lower Upper
172 100
171 38.1 30.5 45.7
170 24.9 20.2 30.4

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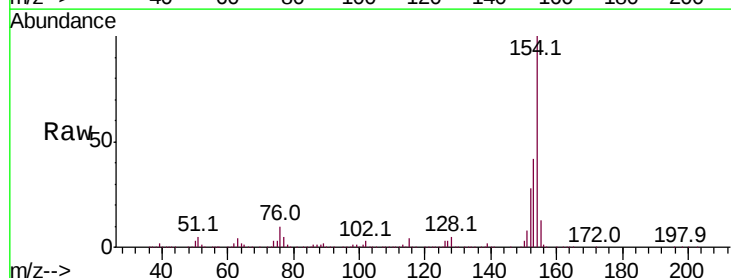


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

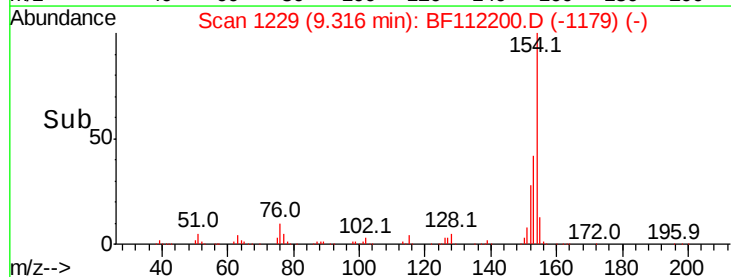
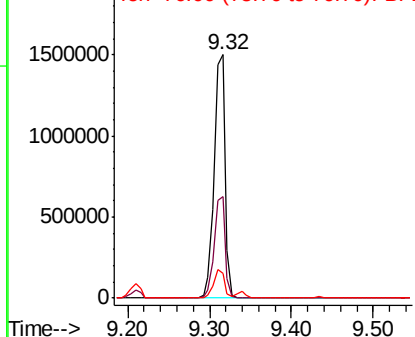


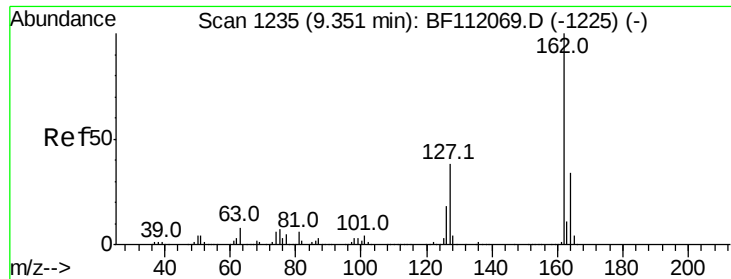
#46
1,1'-Biphenyl
Concen: 43.039 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:154 Resp: 1401133
Ion Ratio Lower Upper
154 100
153 41.8 21.5 61.5
76 10.4 0.0 33.1



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





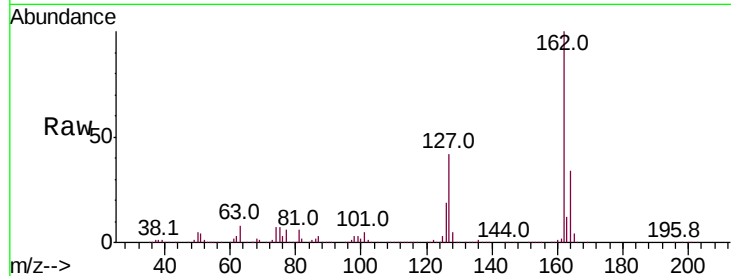
#47
2-Chloronaphthalene
Concen: 42.545 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :
S-1MS

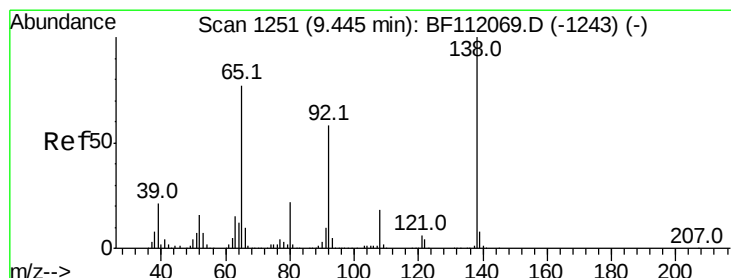
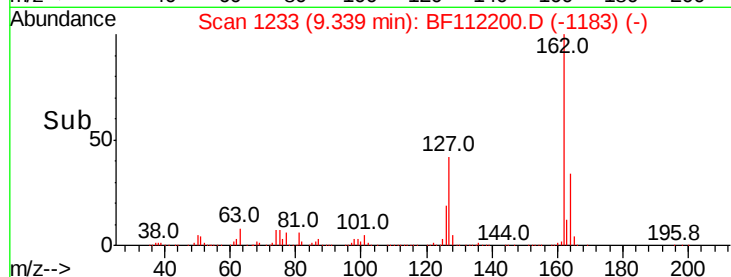
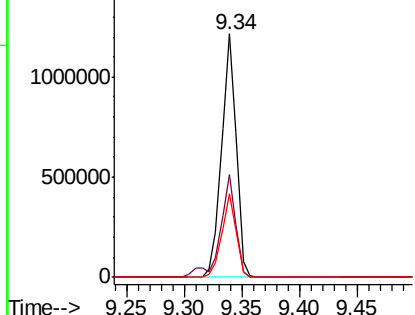
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	30.4	45.6
164	34.1	27.4	41.2

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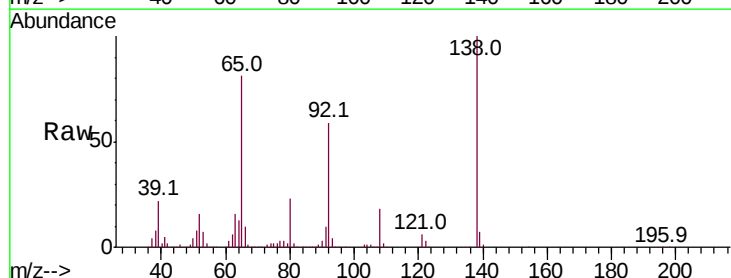


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

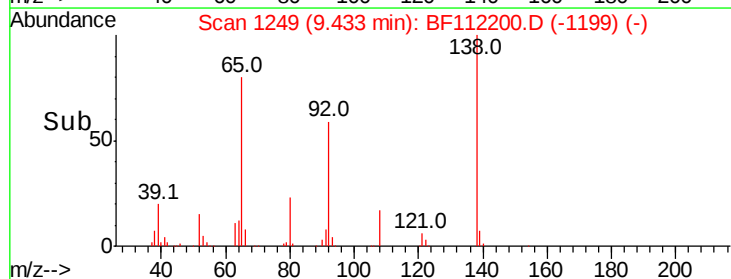
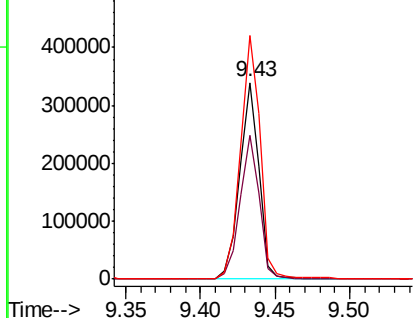


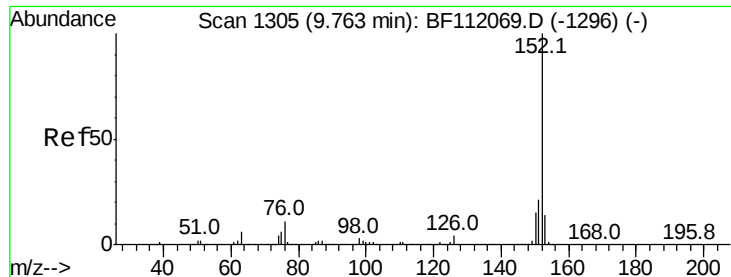
#48
2-Nitroaniline
Concen: 53.335 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	60.4	90.6
138	123.7	104.4	156.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.779 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampled :

S-1MS

Tot Ion:152 Resp: 1739577

Ion Ratio Lower Upper

152 100

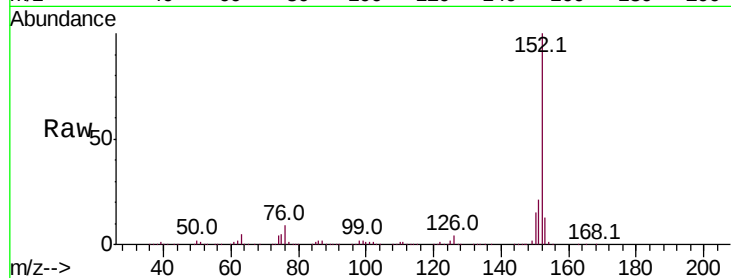
151 21.0 17.0 25.6

153 13.5 11.2 16.8

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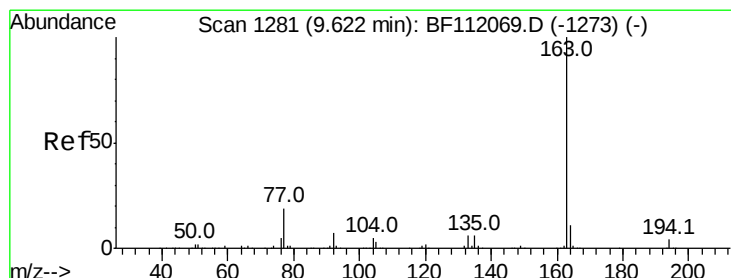
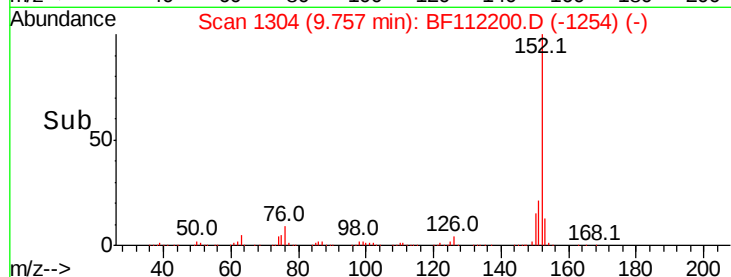
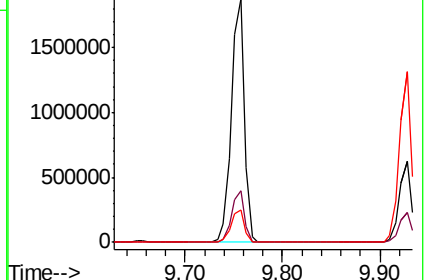
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.283 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

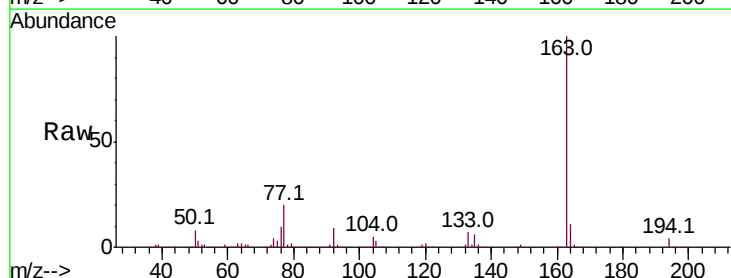
Tgt Ion:163 Resp: 1484491

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

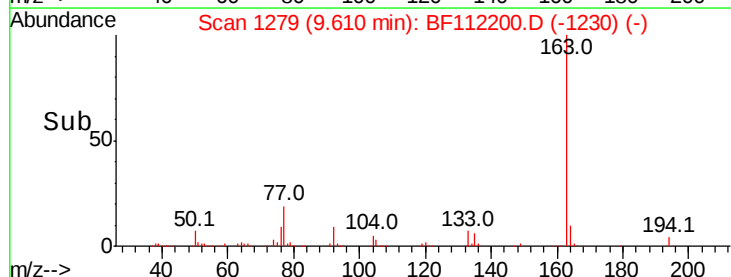
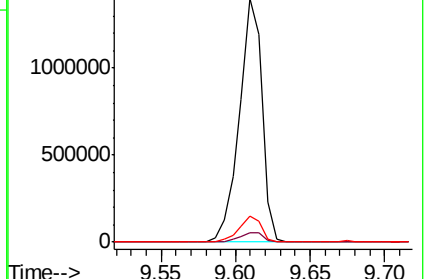
164 10.6 8.5 12.7

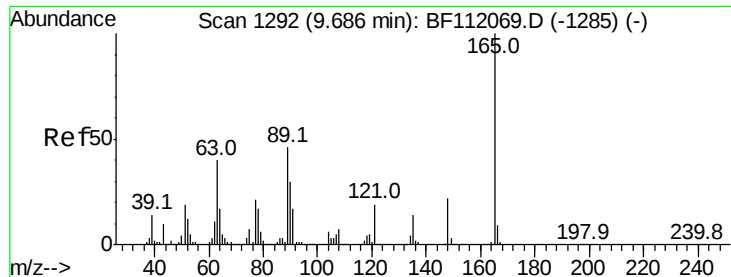


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 52.881 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampled :

S-1MS

Tot Ion:165 Resp: 299853
Ion Ratio Lower Upper

165 100

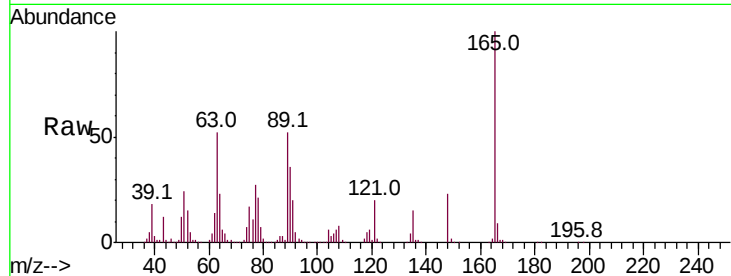
63 52.4 33.8 50.8#

89 52.1 36.9 55.3

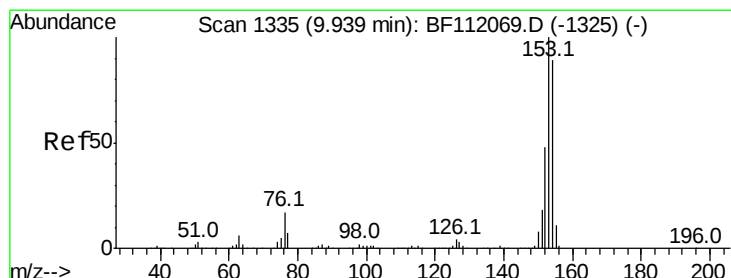
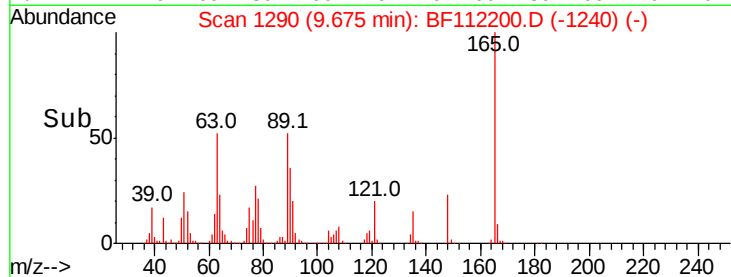
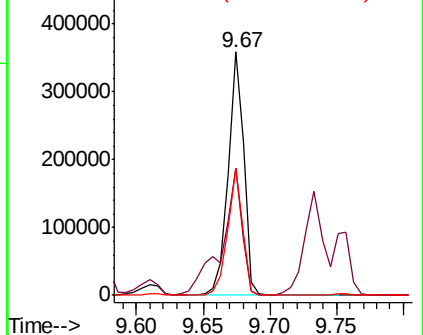
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 43.553 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF112200.D

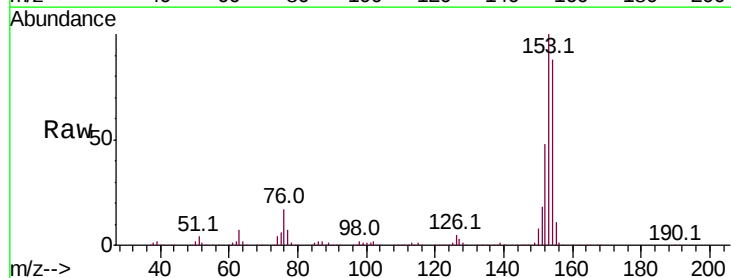
Acq: 23 Jan 2019 14:29

Tgt Ion:154 Resp: 990939
Ion Ratio Lower Upper

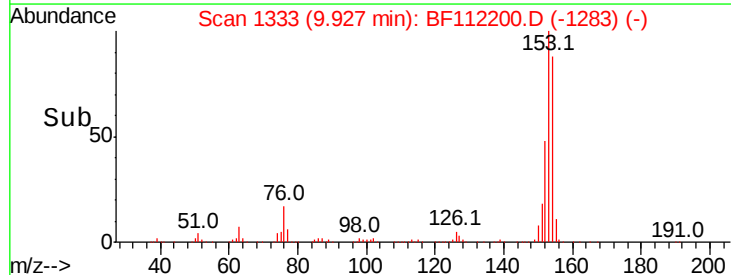
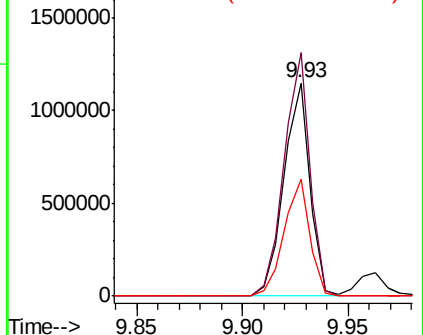
154 100

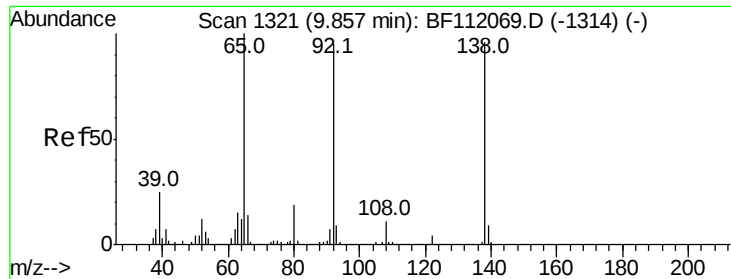
153 114.2 89.8 134.6

152 54.6 43.5 65.3



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





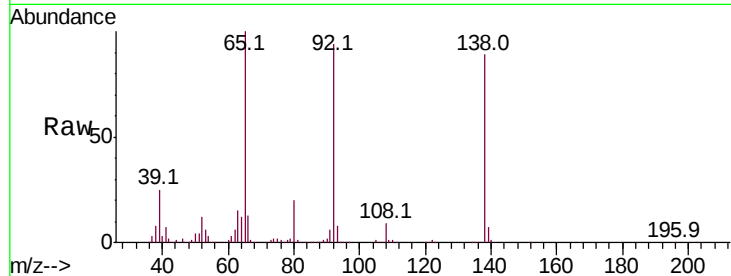
#53
3-Nitroaniline
Concen: 37.813 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.8	14.6
92	105.5	79.4	119.2

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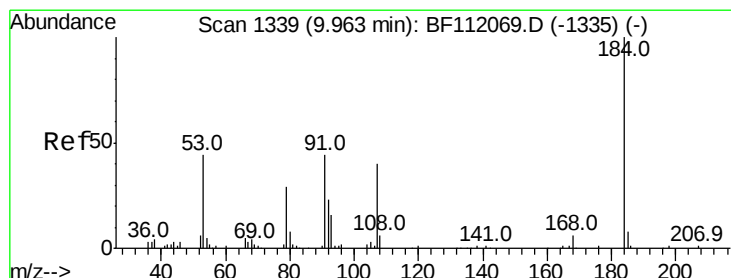
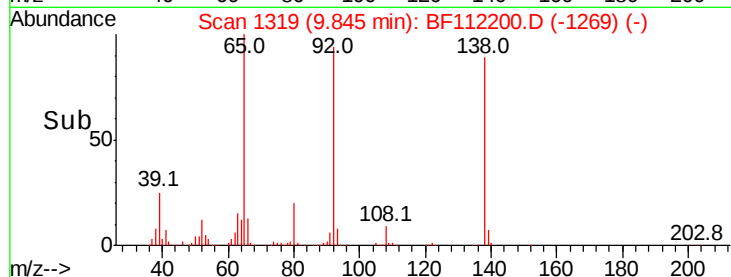
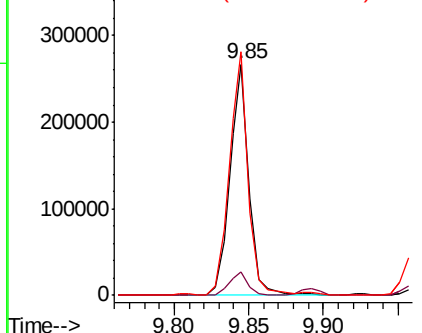


Abundance

Ion 138.00 (137.70 to 138.70): E

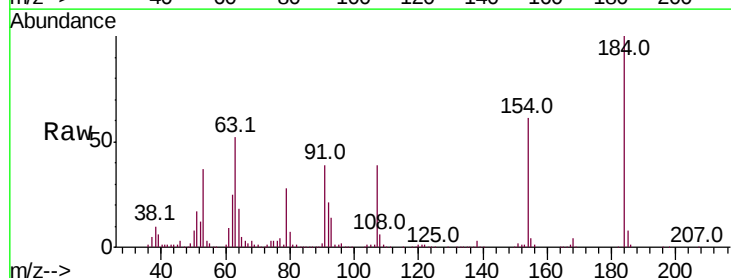
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 96.575 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.0	47.1	70.7
154	61.2	48.9	73.3

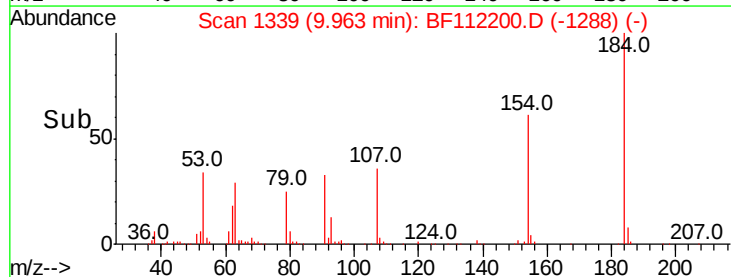
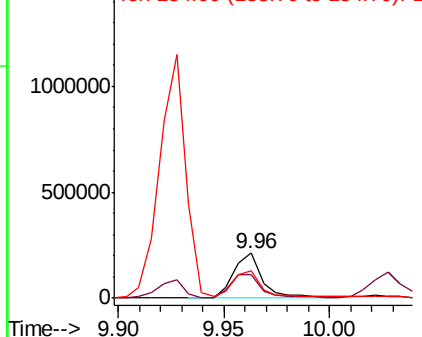


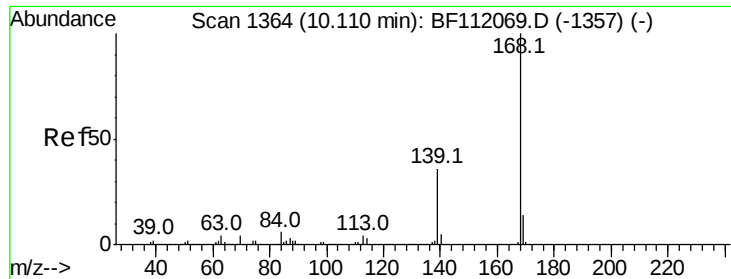
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





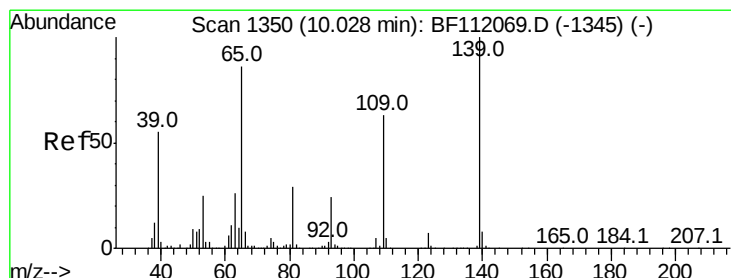
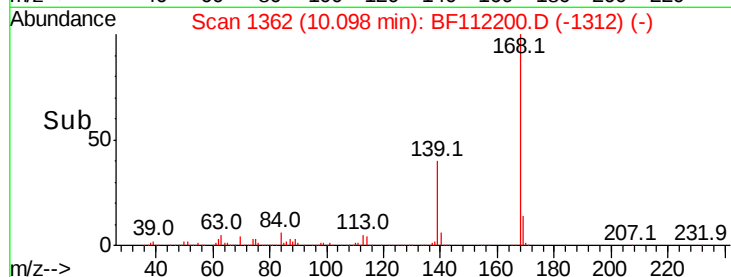
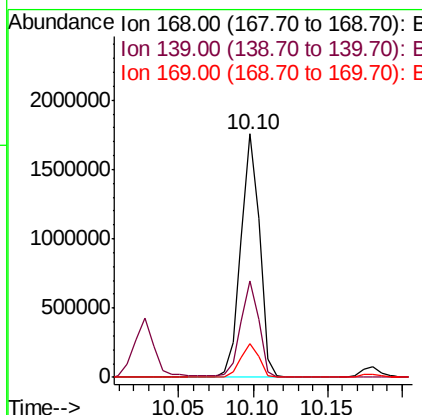
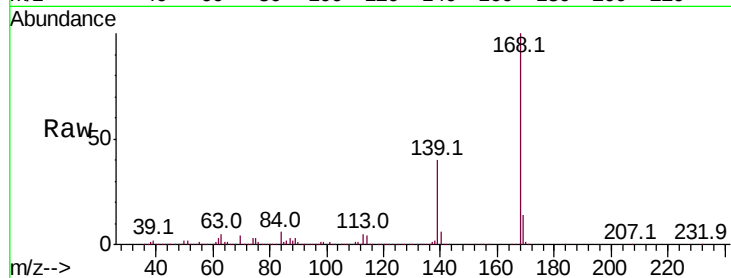
#55
Dibenzofuran
Concen: 44.684 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	29.2	43.8
169	13.9	11.4	17.0

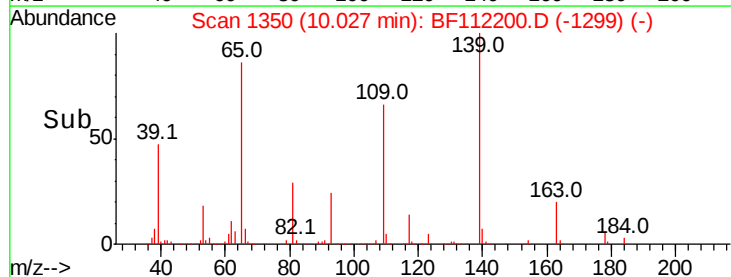
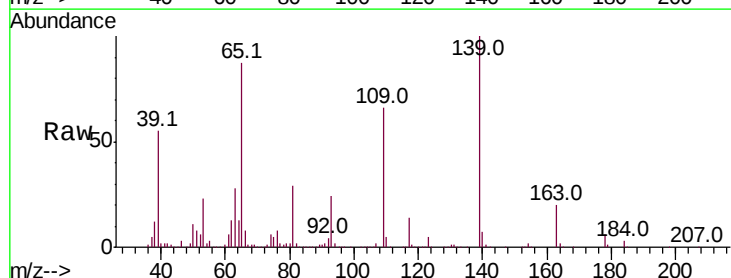
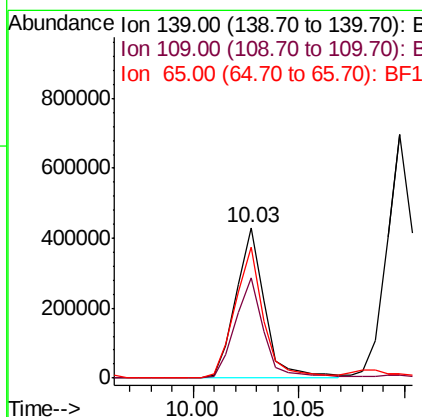
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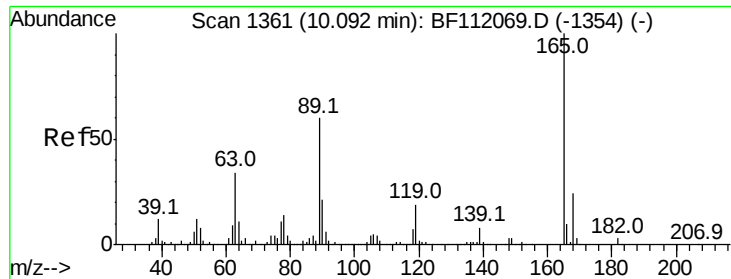
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#56
4-Nitrophenol
Concen: 88.461 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	42.8	82.8
65	87.0	66.1	106.1





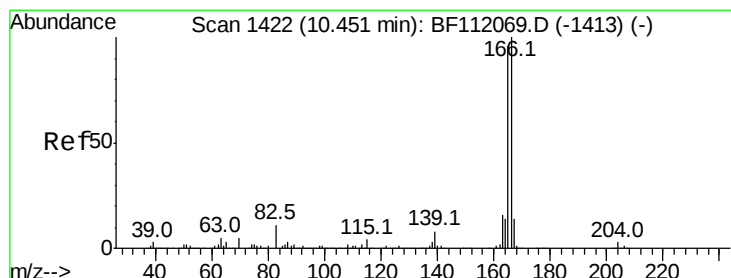
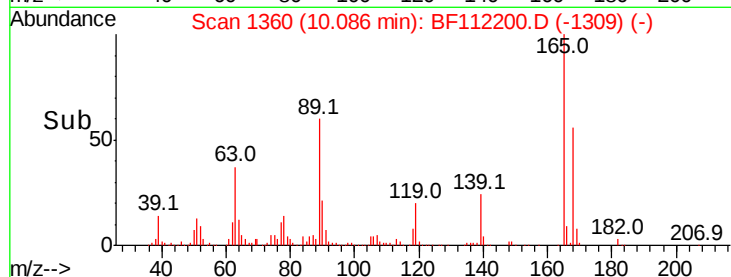
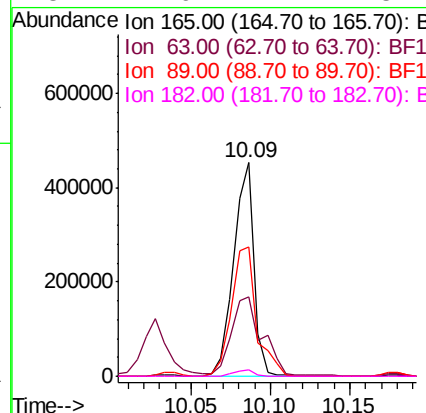
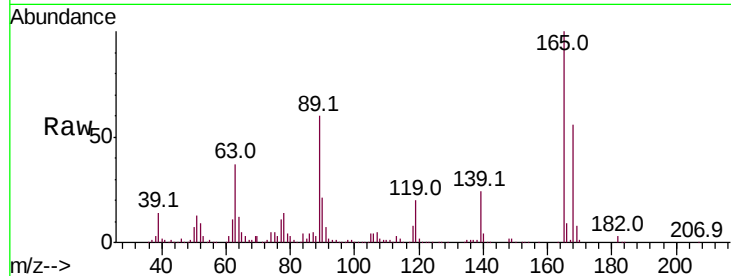
#57
2,4-Dinitrotoluene
Concen: 54.454 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	401321		
63	37.4	27.9	41.9	
89	60.4	47.9	71.9	
182	2.9	2.2	3.4	

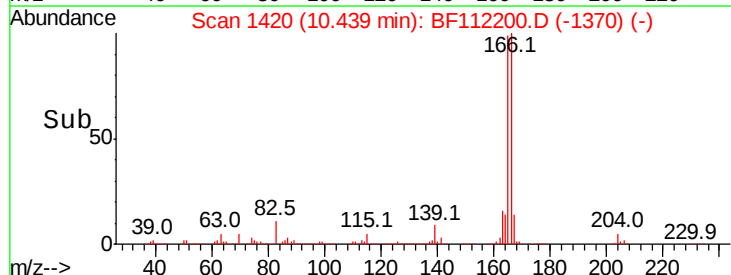
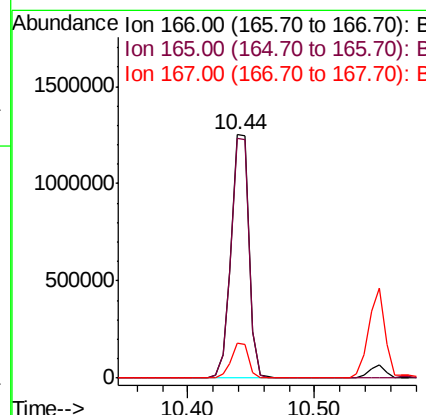
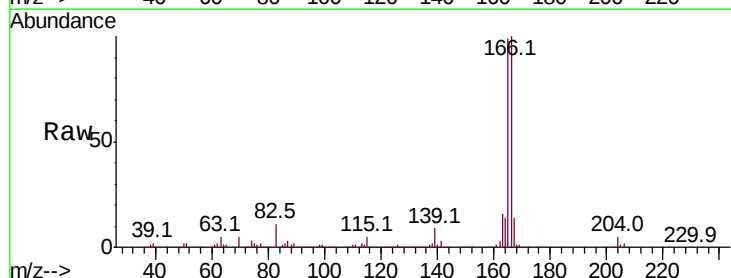
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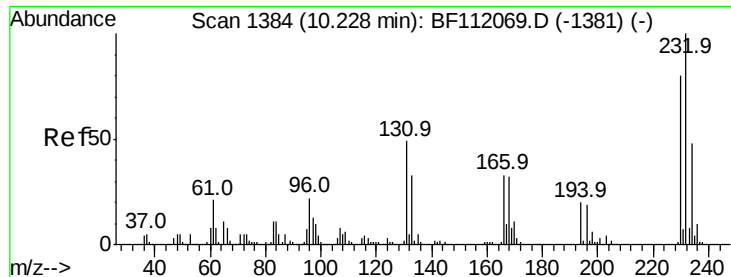
Sohil
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#58
Fluorene
Concen: 47.454 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1219935		
165	98.6	77.1	115.7	
167	14.3	11.3	16.9	





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.478 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampled :

S-1MS

Tot Ion:232 Resp: 309430
Ion Ratio Lower Upper

232 100

131 46.5 33.9 50.9

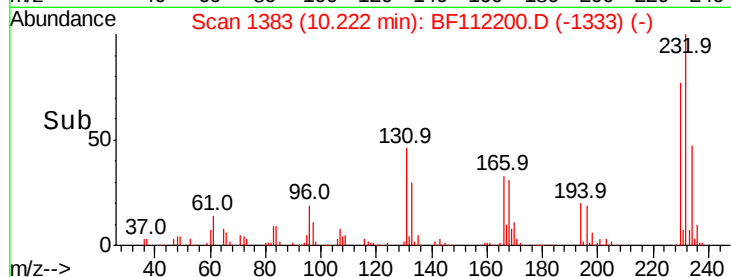
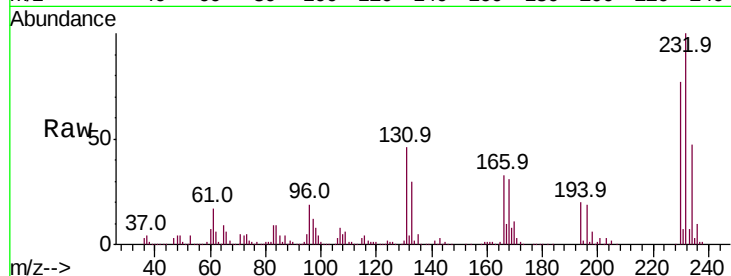
130 2.3 1.8 2.6

166 31.3 23.6 35.4

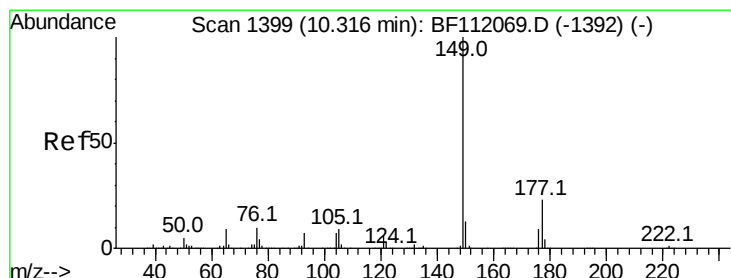
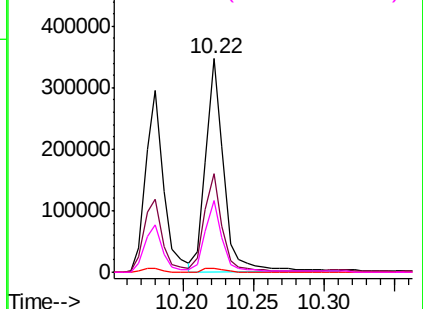
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 48.290 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF112200.D

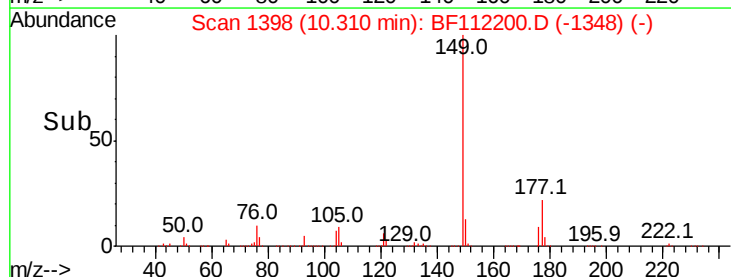
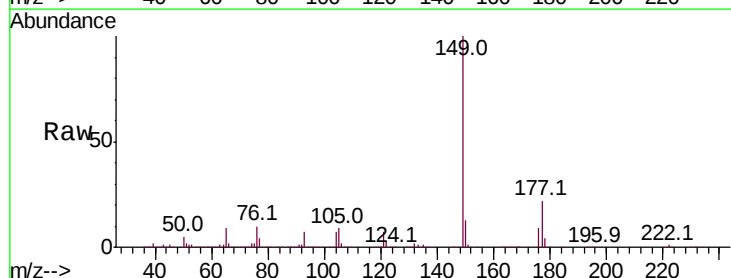
Acq: 23 Jan 2019 14:29

Tgt Ion:149 Resp: 1338407
Ion Ratio Lower Upper

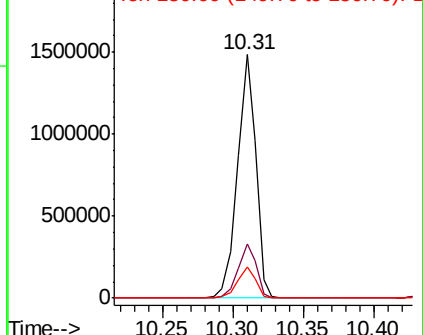
149 100

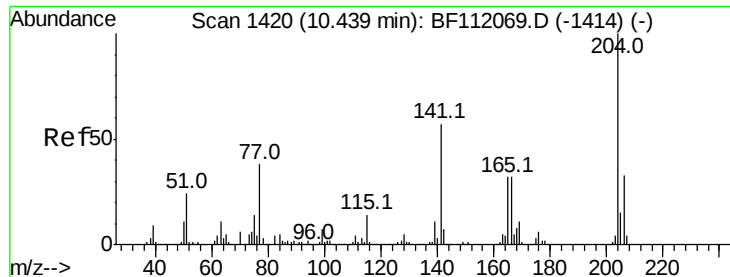
177 22.3 18.2 27.2

150 13.0 10.4 15.6



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





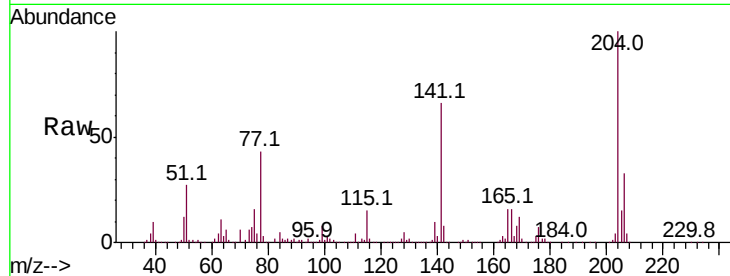
#61
4-Chlorophenyl-phenylether
Concen: 43.313 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	65.9	45.9	68.9

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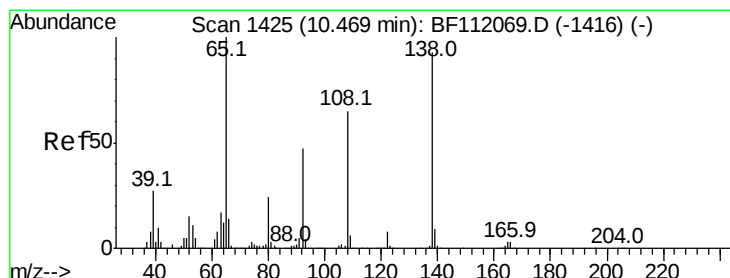
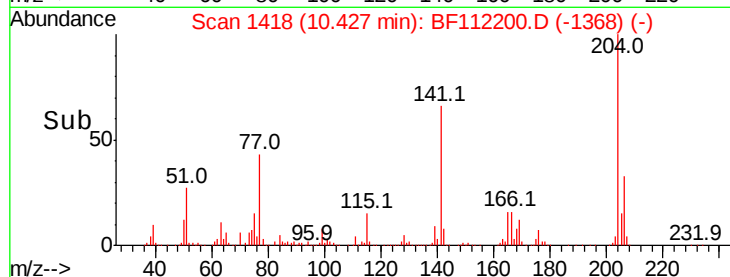
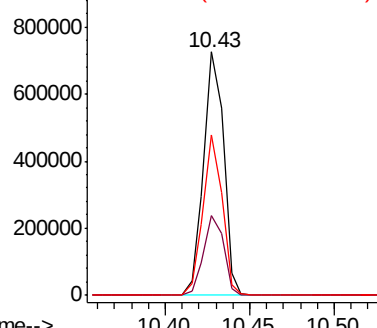


Abundance

Ion 204.00 (203.70 to 204.70): E

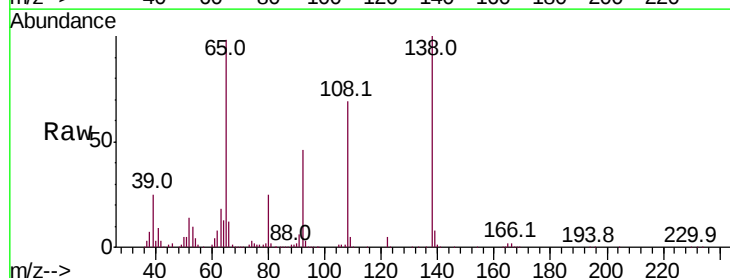
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 51.957 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	30.6	70.6
108	69.4	50.0	90.0

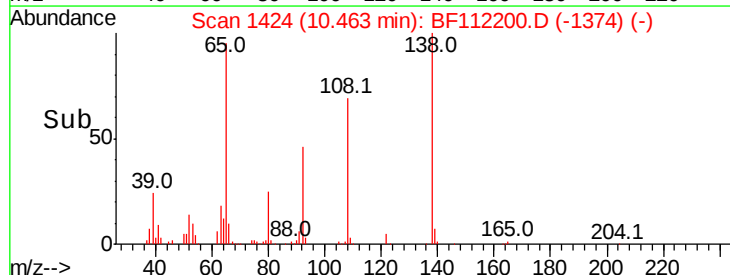
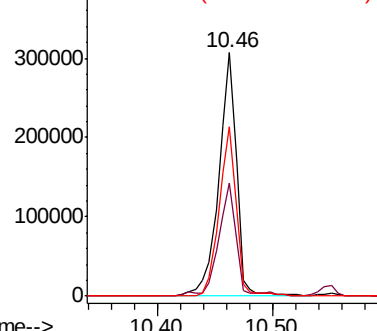


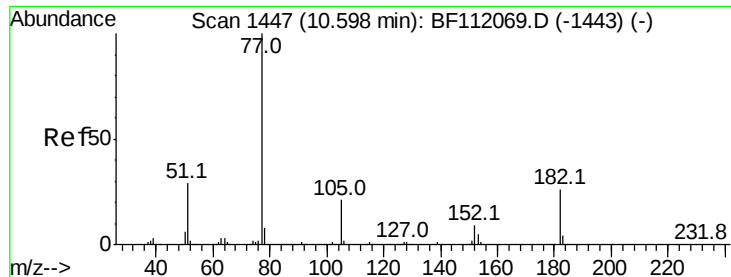
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.142 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

S-1MS

Tot Ion: 77 Resp: 1145070

Ion Ratio Lower Upper

77 100

182 30.9 5.7 45.7

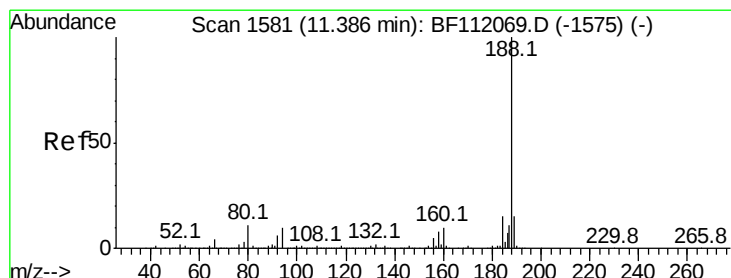
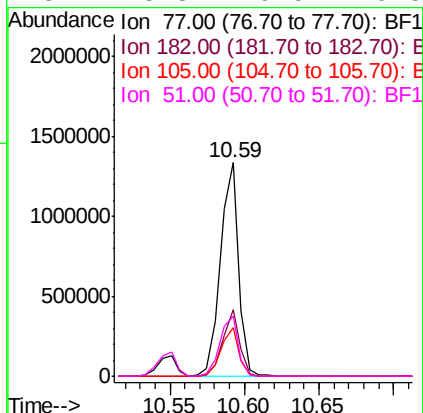
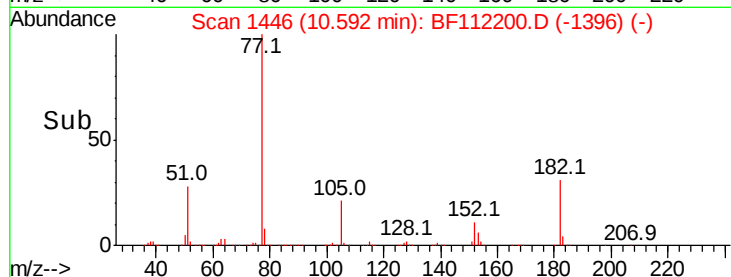
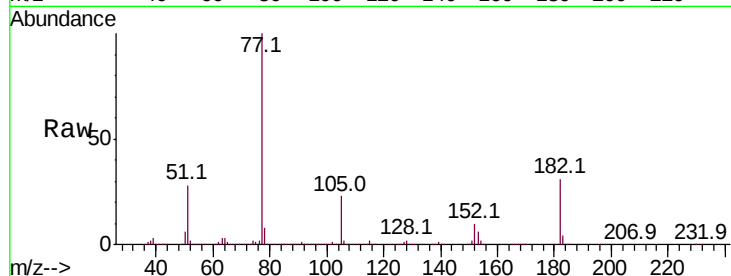
105 22.9 1.4 41.4

51 28.3 9.5 49.5

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

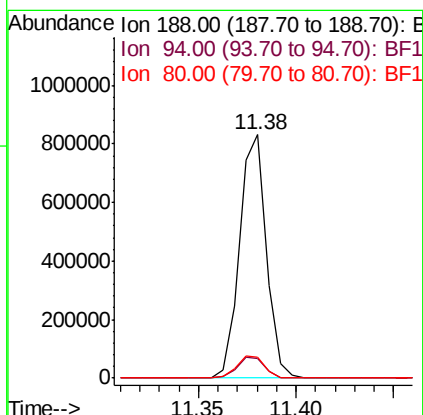
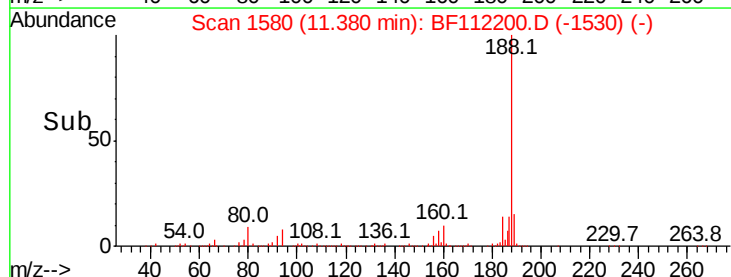
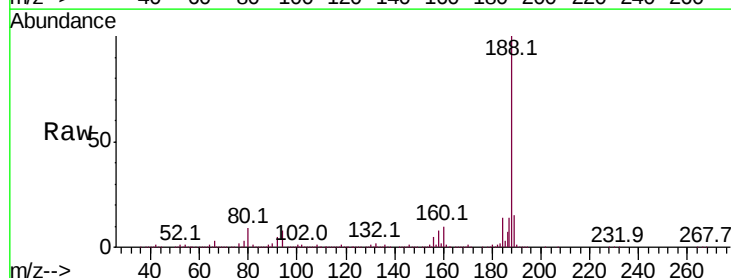
Tgt Ion: 188 Resp: 790829

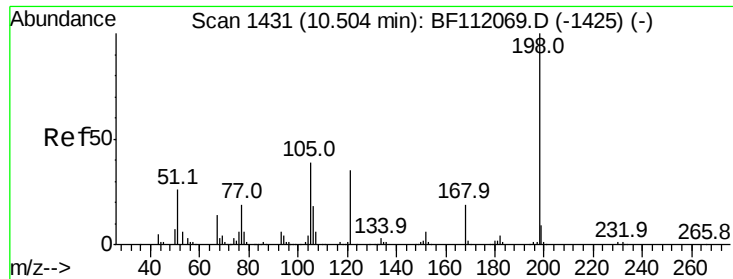
Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

80 8.7 8.9 13.3#





#65

4,6-Dinitro-2-methylphenol

Concen: 51.195 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

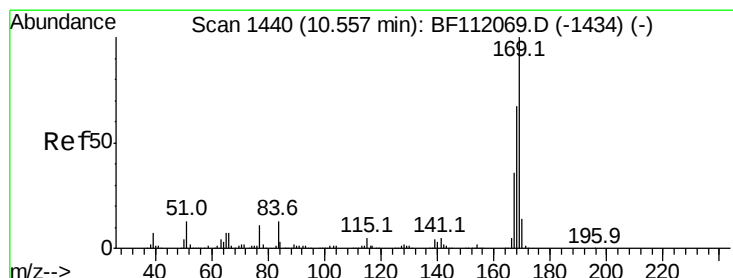
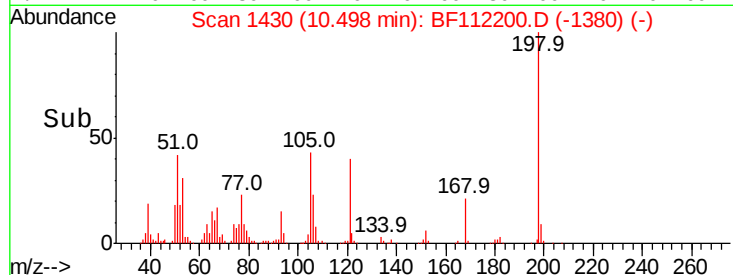
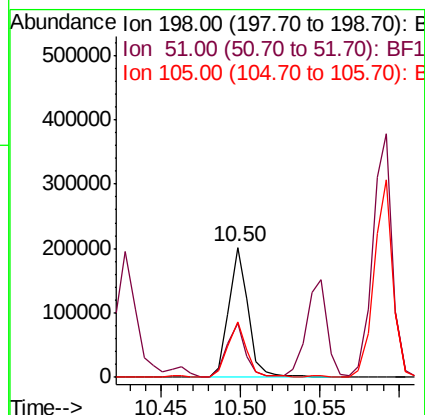
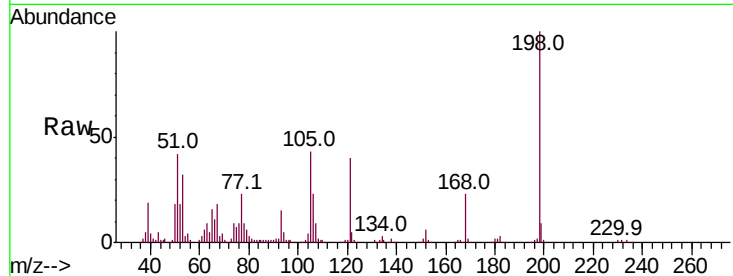
ClientSampled :

S-1MS

Tot Ion:	198	Resp:	171658
Ion Ratio	Lower	Upper	
198	100		
51	42.0	17.2	57.2
105	42.7	21.9	61.9

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#66

n-Nitrosodiphenylamine

Concen: 42.518 ng

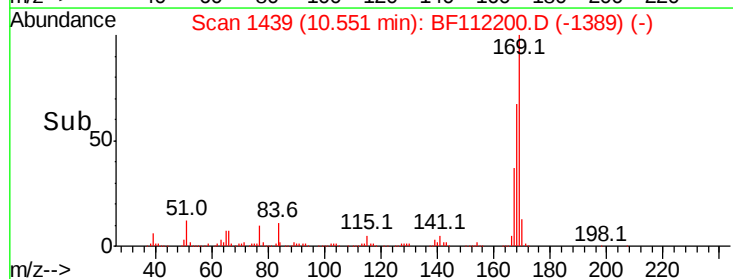
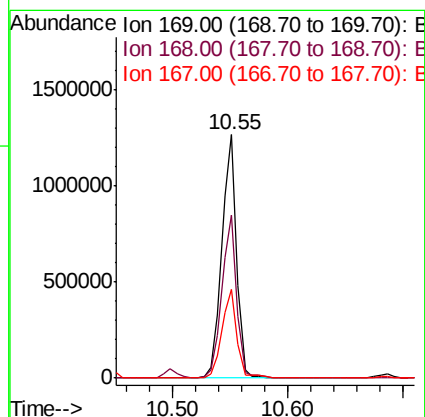
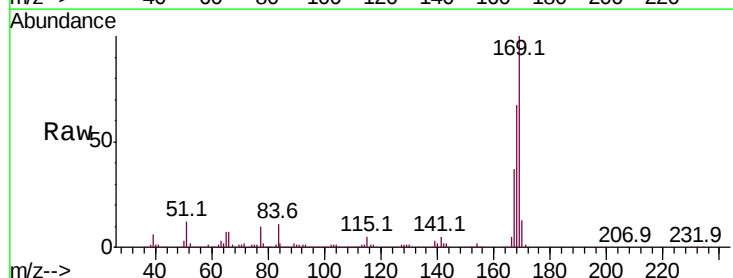
RT: 10.55 min Scan# 1439

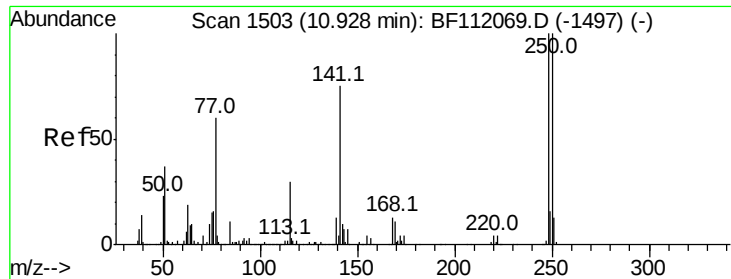
Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Tgt Ion:	169	Resp:	1111591
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.9	80.9
167	36.7	28.9	43.3





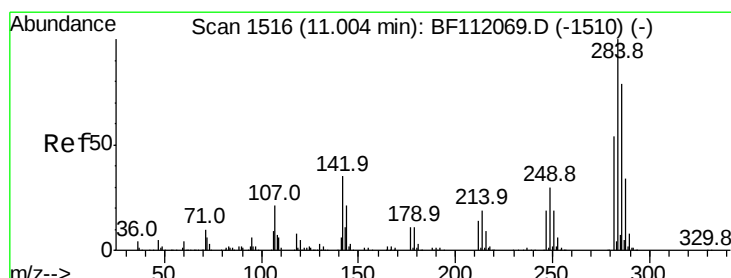
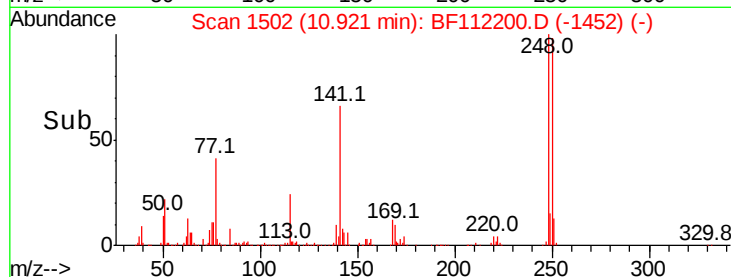
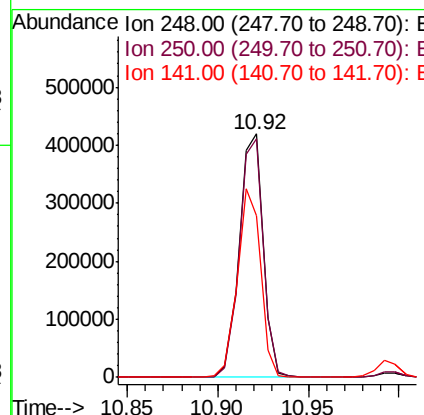
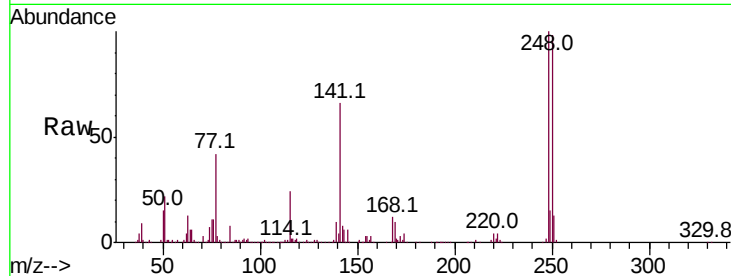
#67
4-Bromophenyl-phenylether
Concen: 42.034 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.7	119.5
141	66.3	60.3	90.5

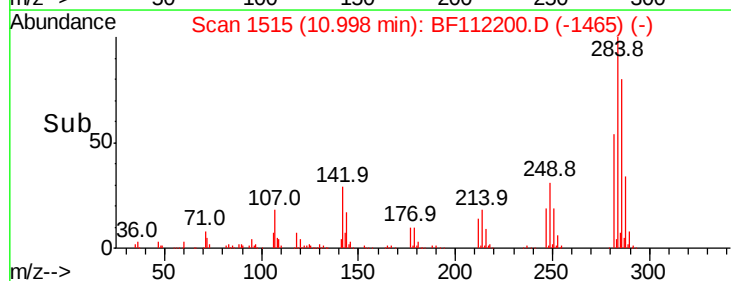
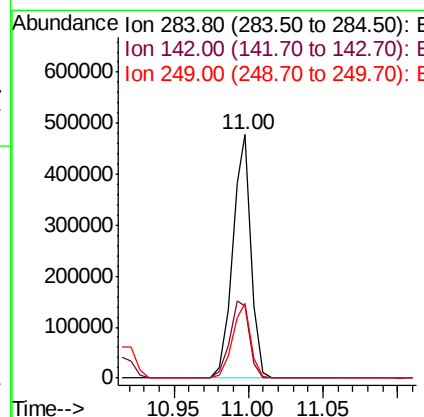
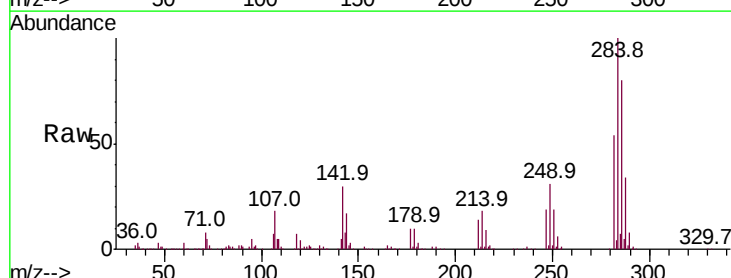
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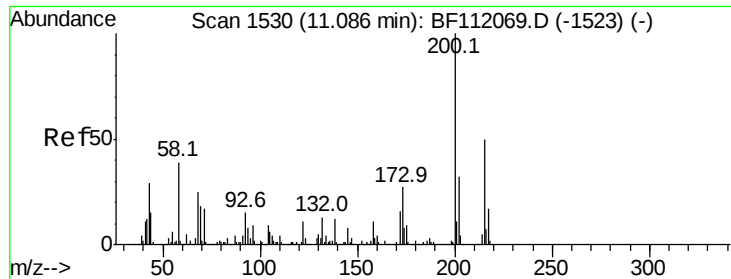
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#68
Hexachlorobenzene
Concen: 41.806 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	27.6	41.4
249	30.8	24.1	36.1





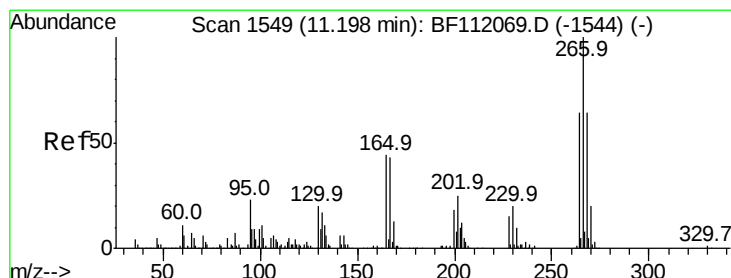
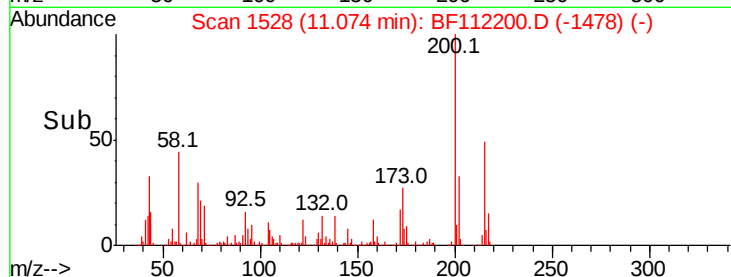
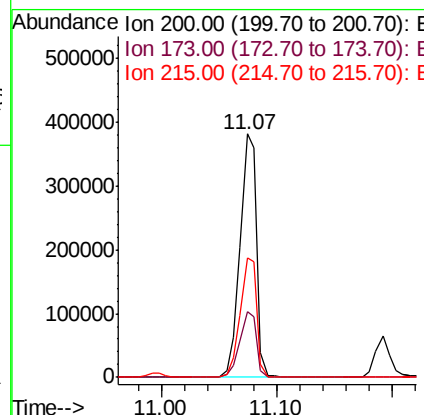
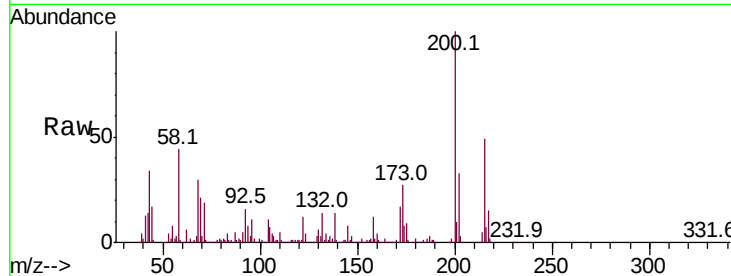
#69
Atrazine
Concen: 44.746 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.1	47.1
215	49.0	30.4	70.4

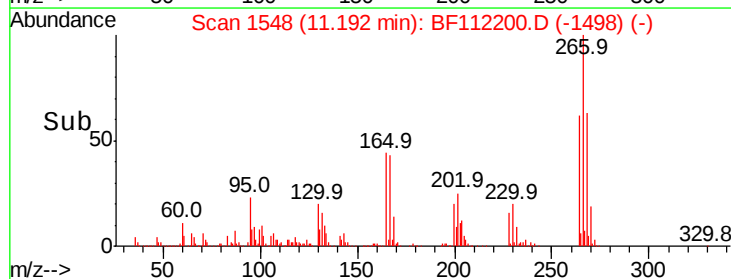
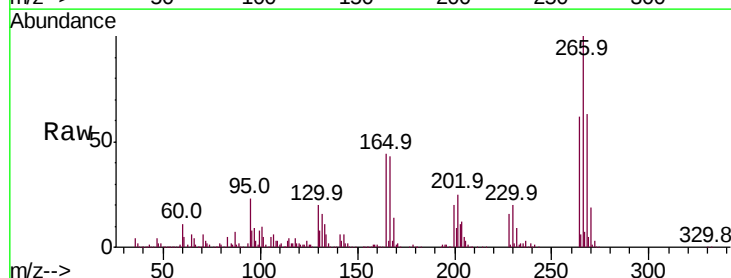
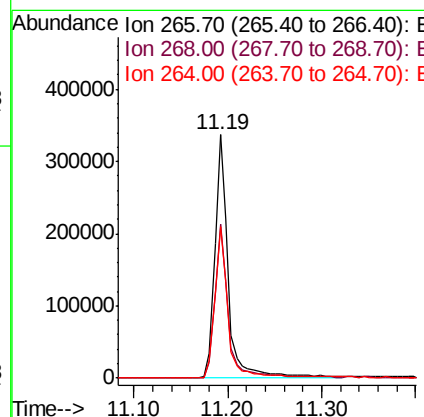
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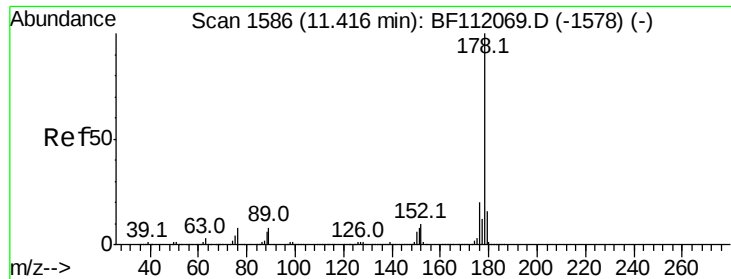
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#70
Pentachlorophenol
Concen: 73.405 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.2	76.8
264	62.1	50.9	76.3





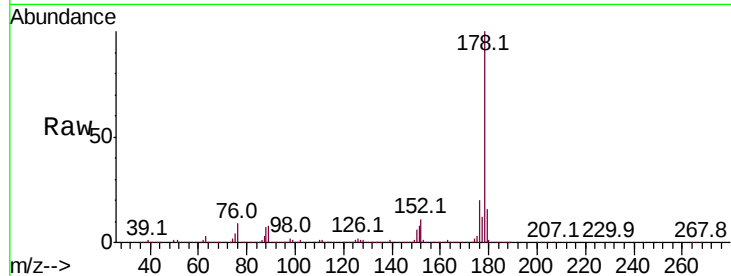
#71
Phenanthrene
Concen: 46.112 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :
S-1MS

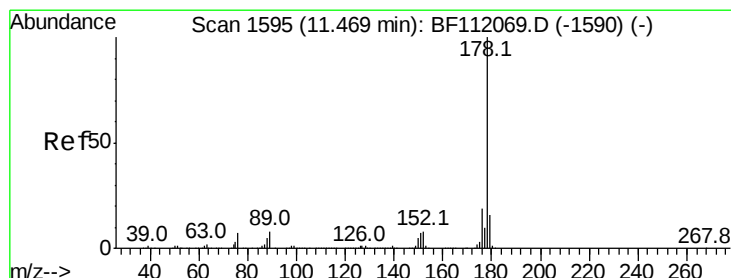
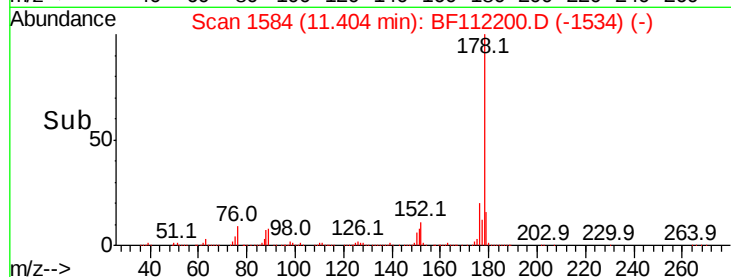
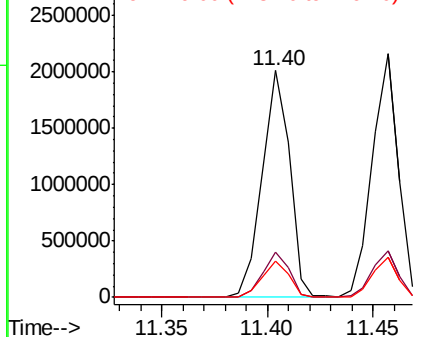
Tot Ion:178 Resp: 1835223
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 16.3 13.0 19.4

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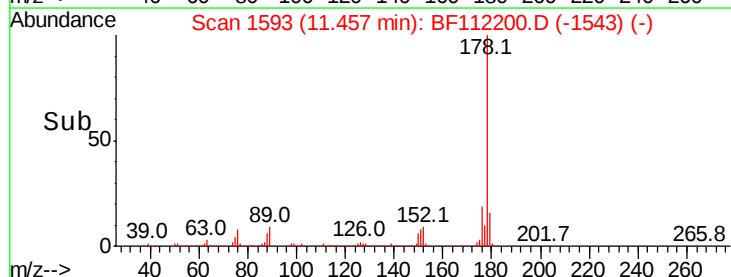
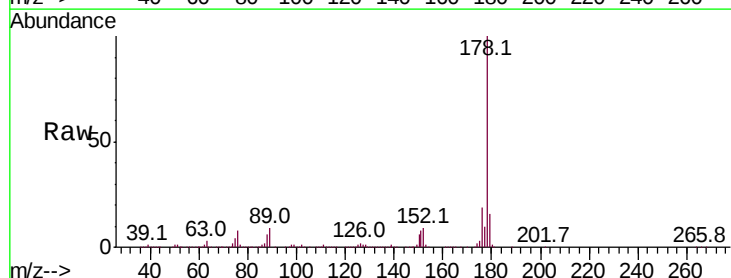
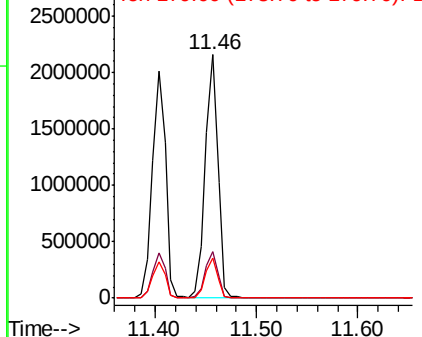
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

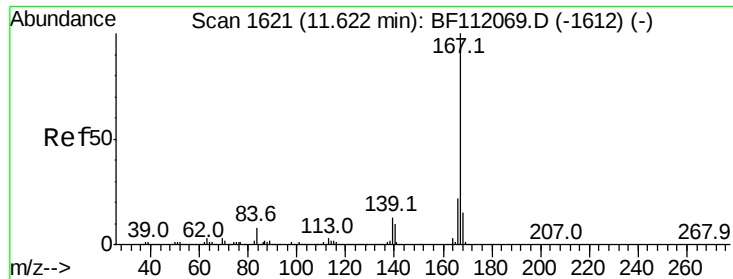


#72
Anthracene
Concen: 46.505 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:178 Resp: 1874938
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 16.3 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.087 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampled :

S-1MS

Tot Ion:167 Resp: 1699766

Ion Ratio Lower Upper

167 100

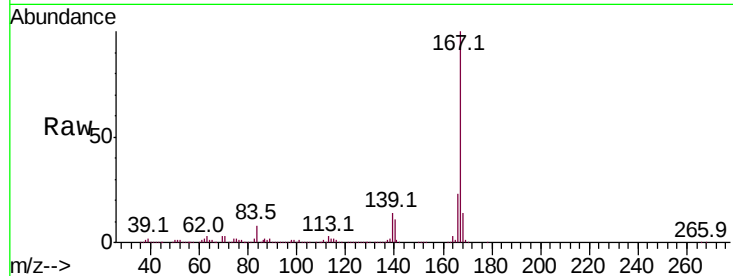
166 22.9 17.9 26.9

139 14.1 10.2 15.2

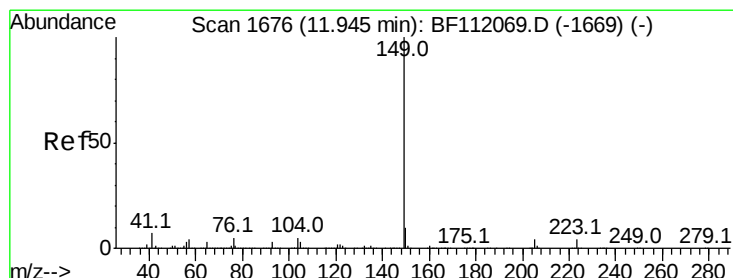
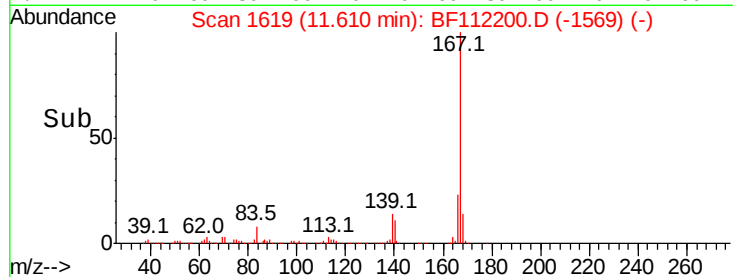
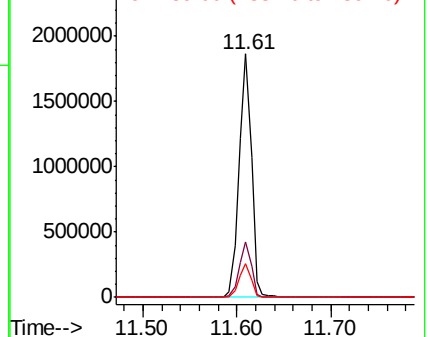
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Abundance Ion 167.00 (166.70 to 167.70): E
2500000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.255 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

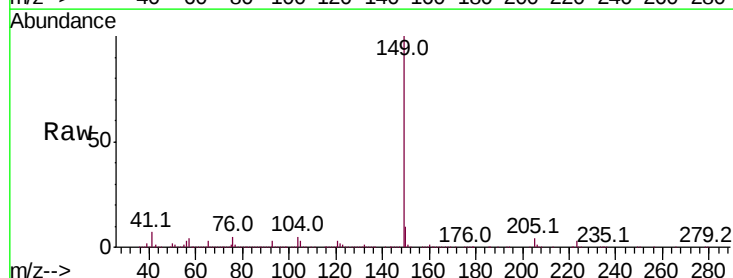
Tgt Ion:149 Resp: 2146770

Ion Ratio Lower Upper

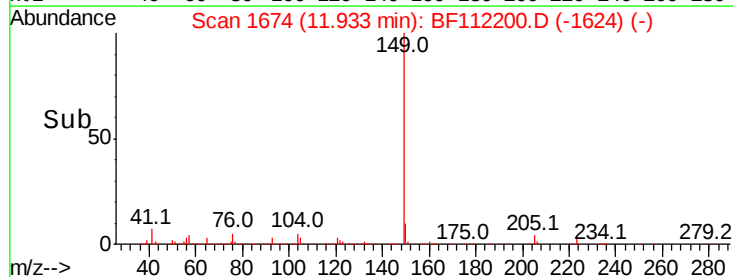
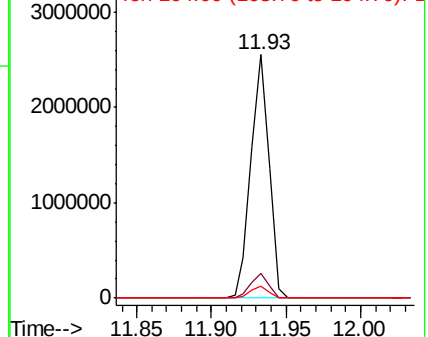
149 100

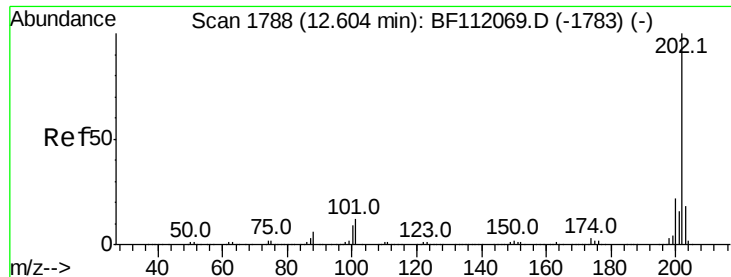
150 10.0 8.1 12.1

104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
3000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.077 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

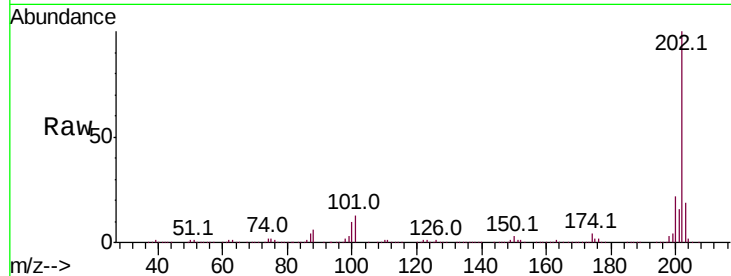
ClientSampled :

S-1MS

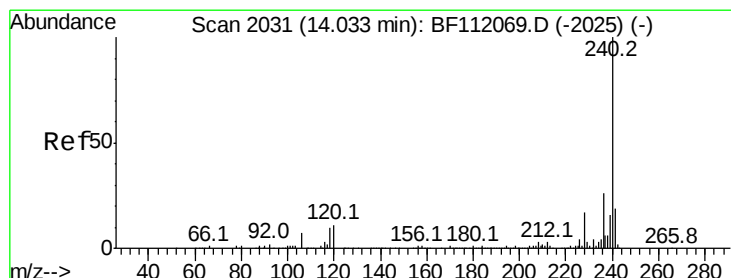
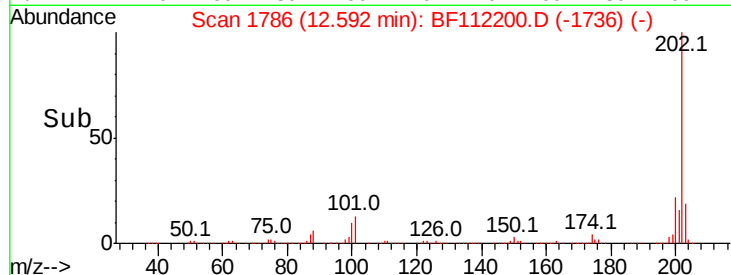
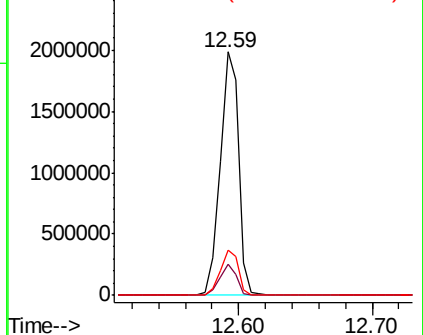
Tot Ion:	202	Resp:	1936220
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.8
203	18.6	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

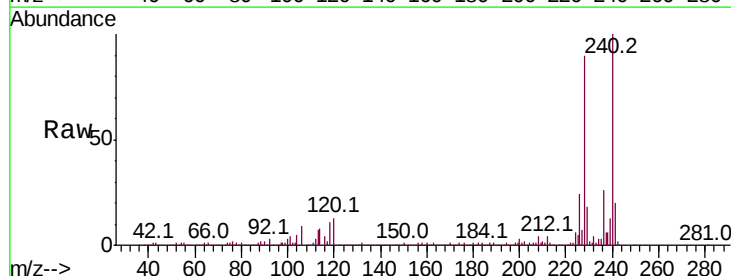
RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

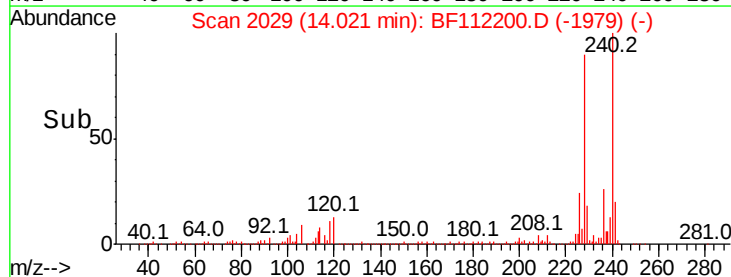
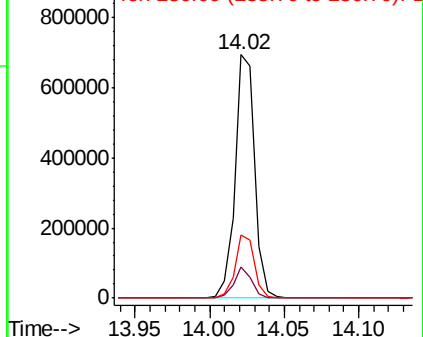
Lab File: BF112200.D

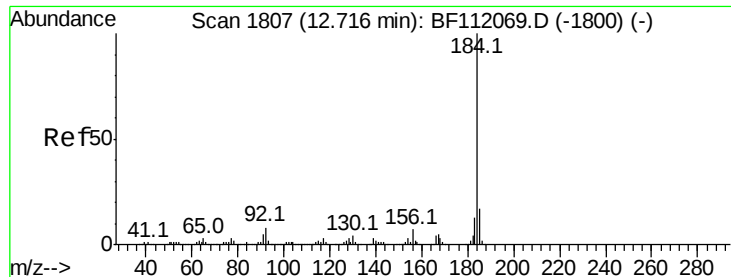
Acq: 23 Jan 2019 14:29

Tgt Ion:	240	Resp:	642232
Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.0	13.6
236	26.1	20.7	31.1



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





#77

Benzidine

Concen: 15.255 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

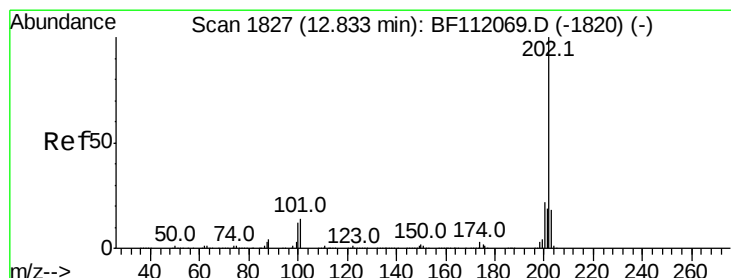
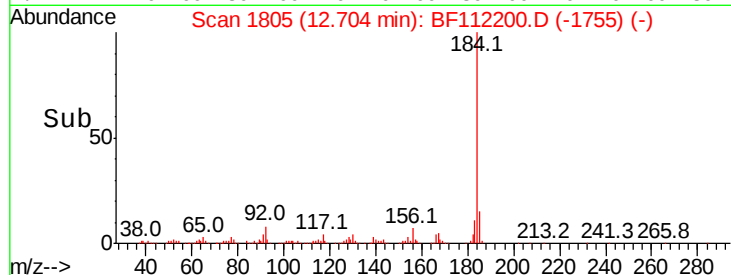
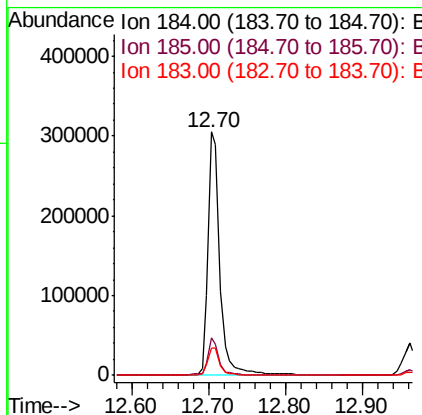
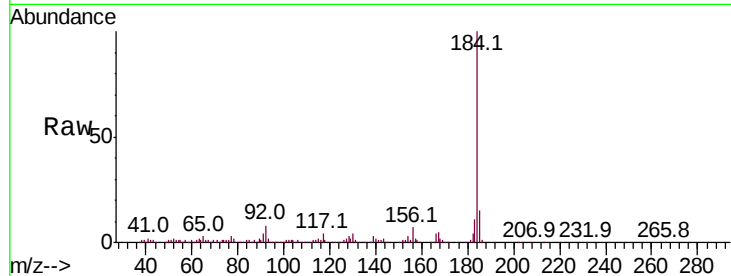
ClientSampleId :

S-1MS

Tot Ion:	184	Resp:	326894
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.9	20.9
183	11.4	10.0	15.0

Manual Integrations
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#78

Pyrene

Concen: 46.035 ng

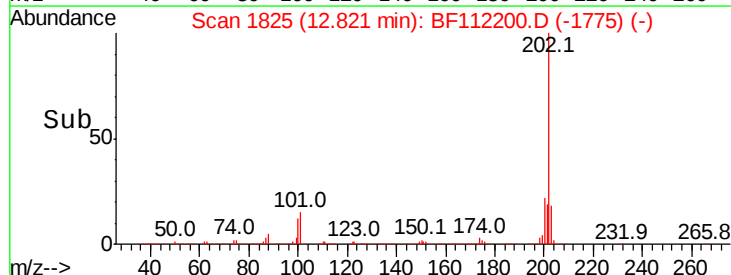
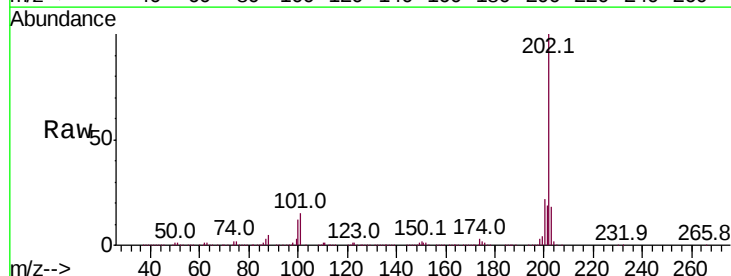
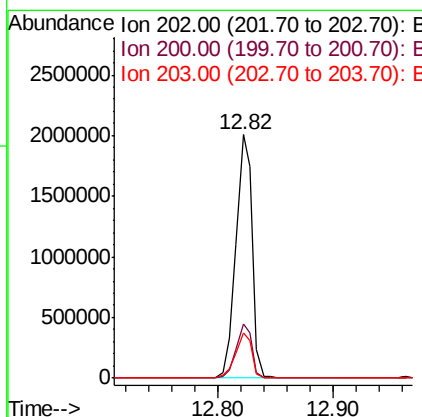
RT: 12.82 min Scan# 1825

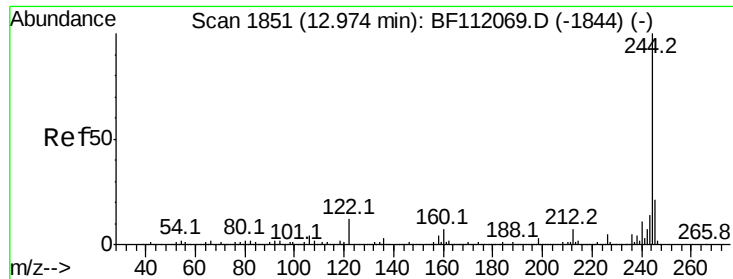
Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Tgt Ion:	202	Resp:	1950584
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.7	26.5
203	18.3	14.6	22.0





#79

Terphenyl-d14

Concen: 93.222 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampled :

S-1MS

Tot Ion:244 Resp: 2814266

Ion Ratio Lower Upper

244 100

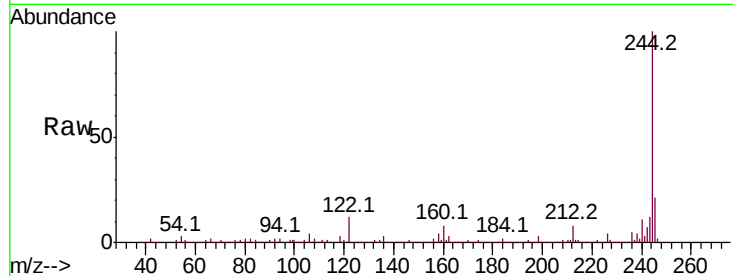
212 7.6 5.9 8.9

122 12.4 9.8 14.6

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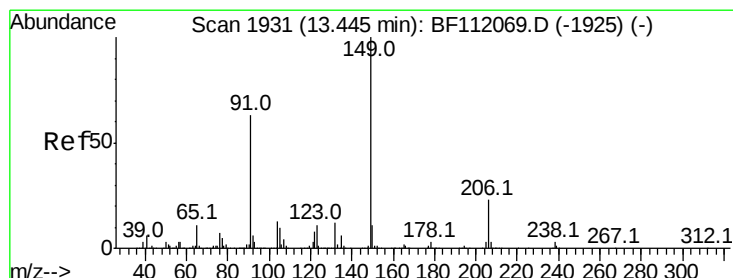
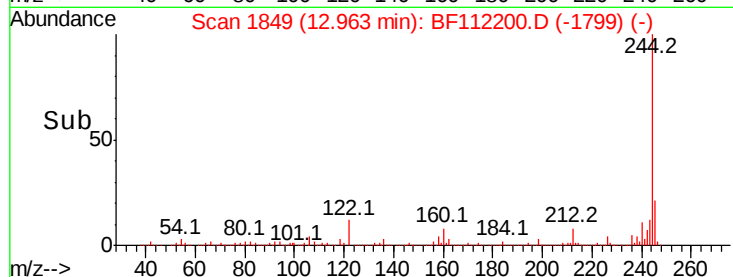
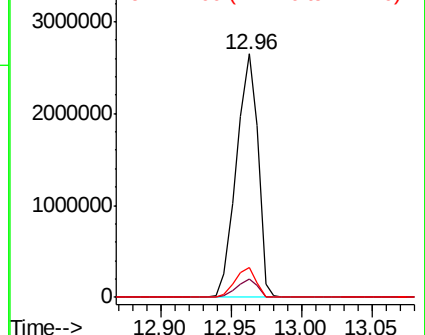
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.853 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

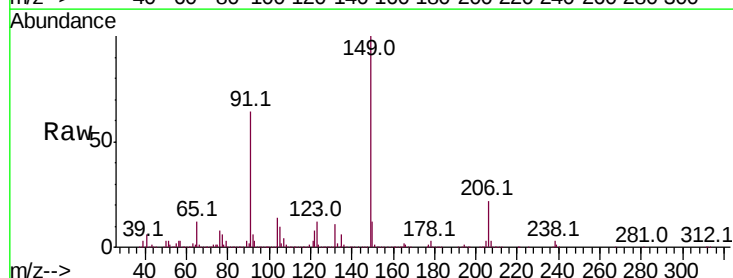
Tgt Ion:149 Resp: 945284

Ion Ratio Lower Upper

149 100

91 64.5 50.3 75.5

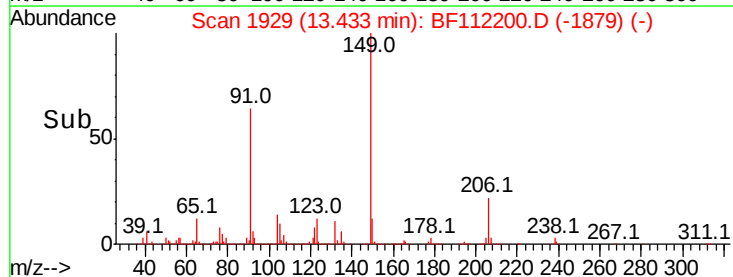
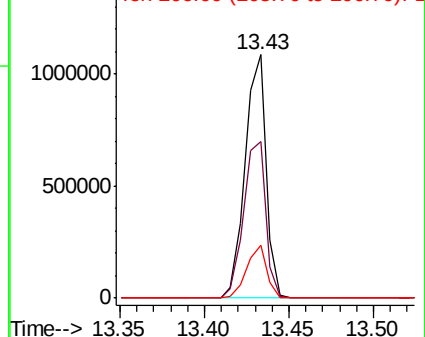
206 21.6 18.2 27.4

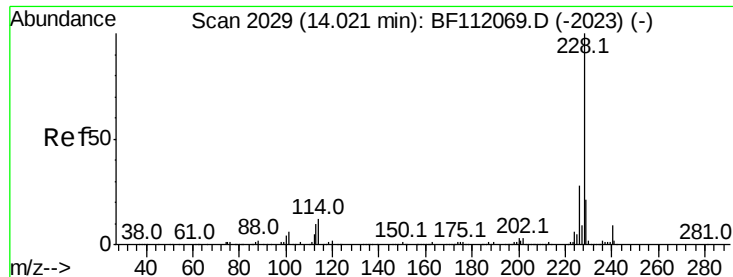


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





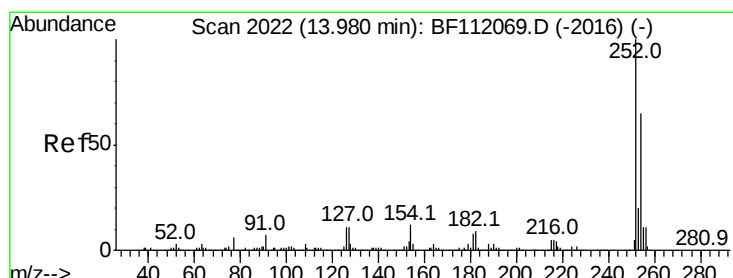
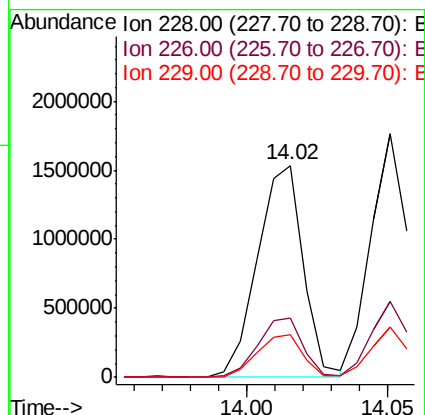
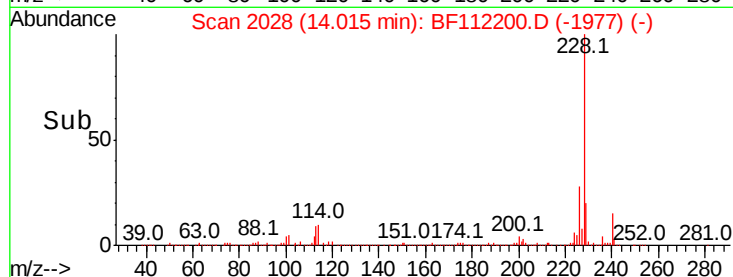
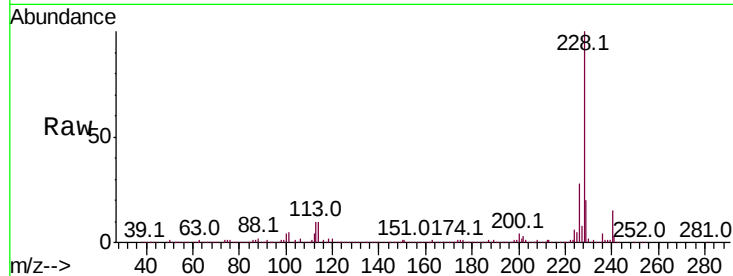
#81
Benzo(a)anthracene
Concen: 46.772 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	19.9	16.5	24.7

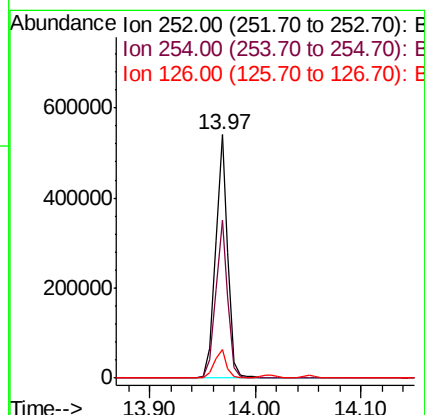
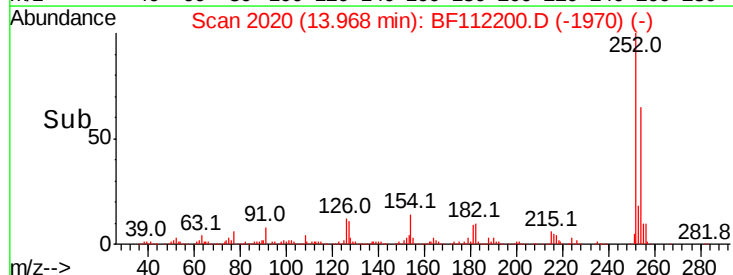
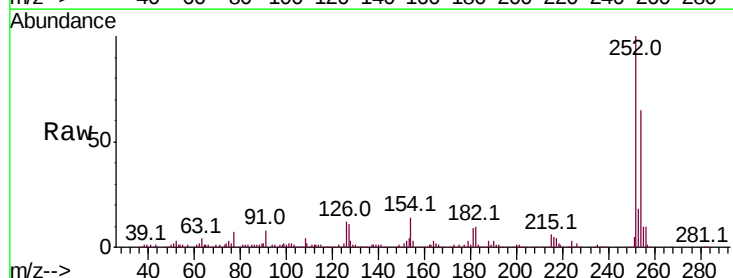
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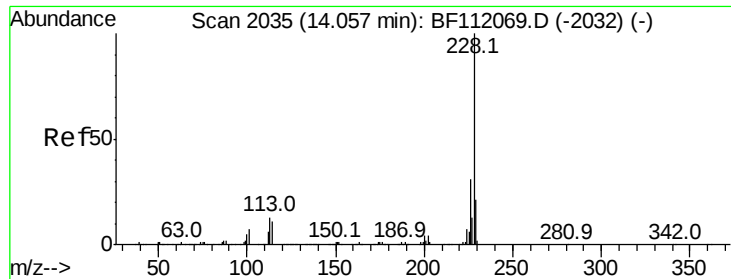
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#82
3,3'-Dichlorobenzidine
Concen: 32.220 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.6	77.4
126	11.6	8.6	12.8





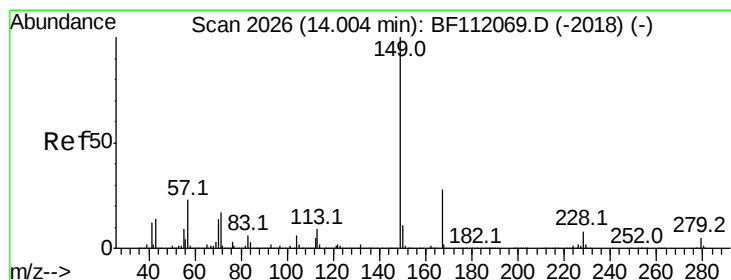
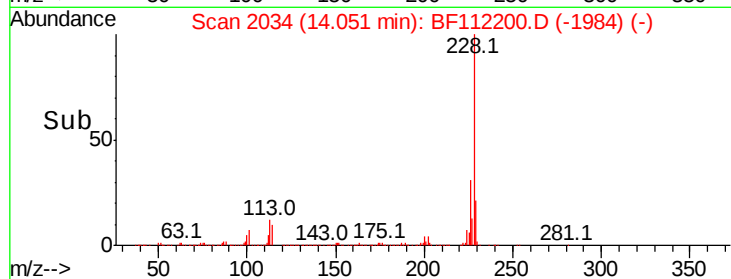
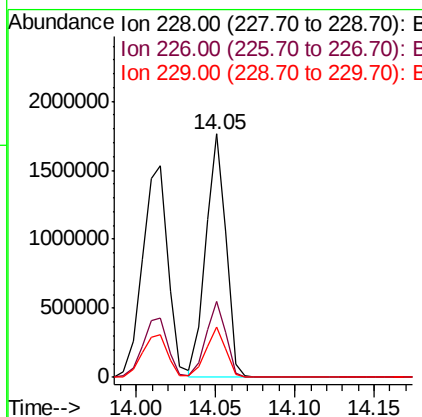
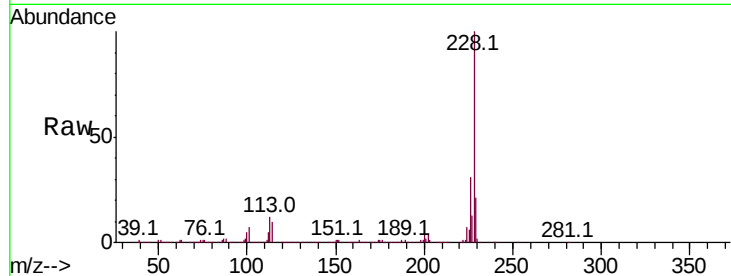
#83
 Chrysene
 Concen: 45.209 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tot Ion:228 Resp: 1575250
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.8 16.6 24.8

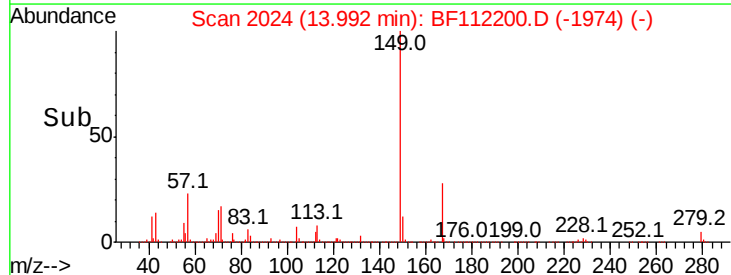
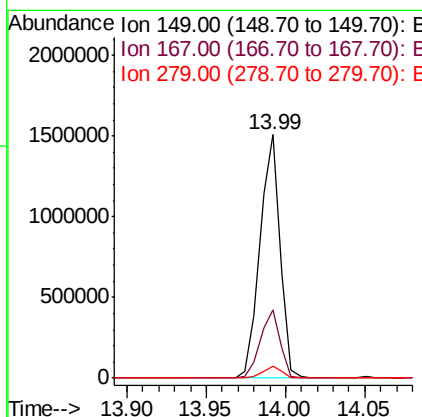
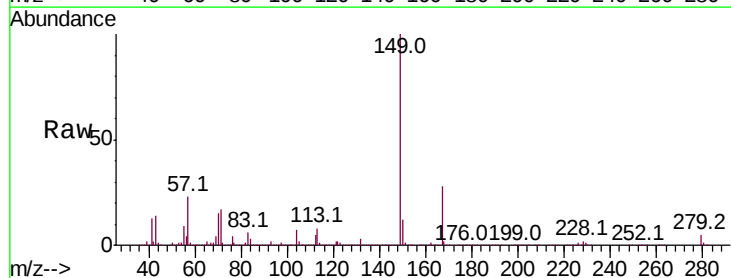
Manual Integrations
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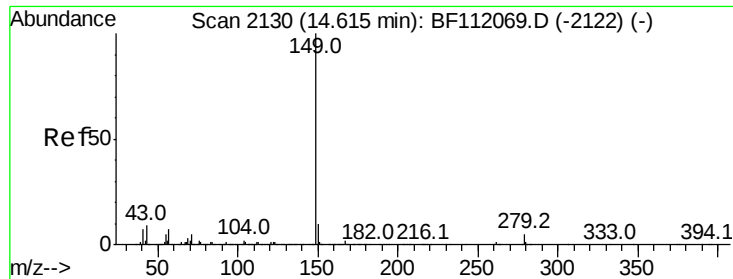
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.278 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Tgt Ion:149 Resp: 1339445
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.5 33.7
 279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 50.151 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampled :

S-1MS

Tot Ion:149 Resp: 2058563

Ion Ratio Lower Upper

149 100

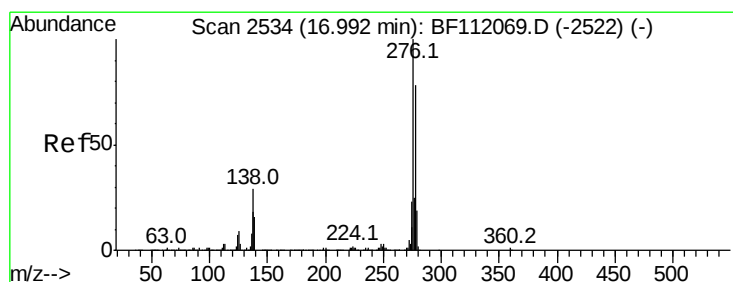
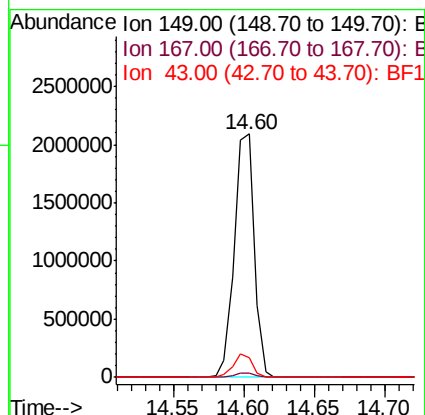
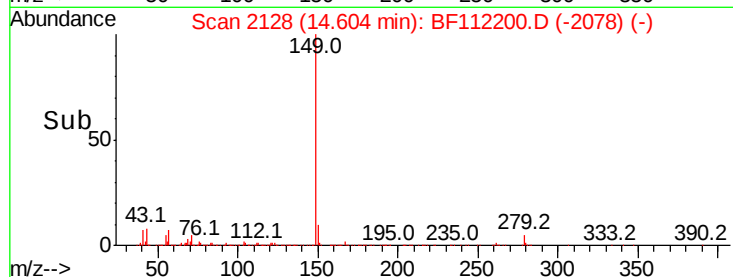
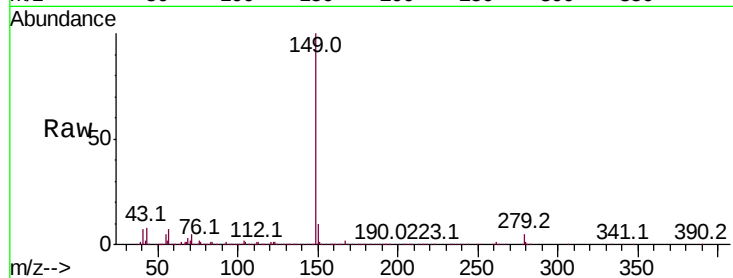
167 1.6 1.3 1.9

43 9.1 7.8 11.6

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 48.808 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

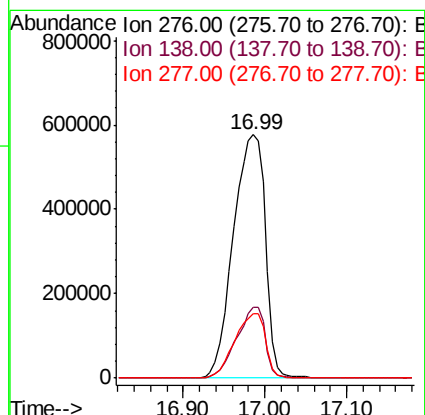
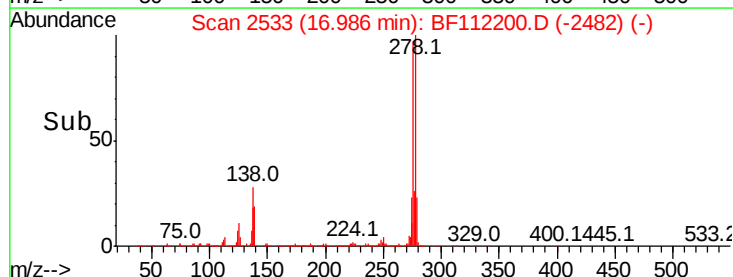
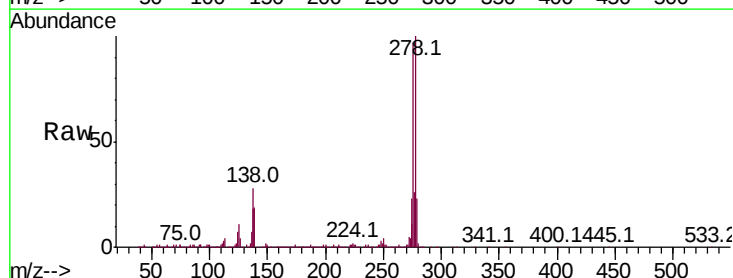
Tgt Ion:276 Resp: 1568992

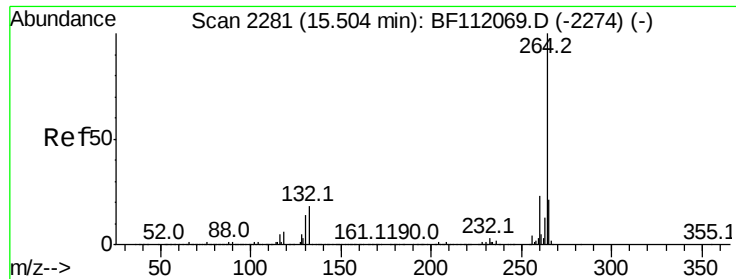
Ion Ratio Lower Upper

276 100

138 26.1 22.6 34.0

277 25.7 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

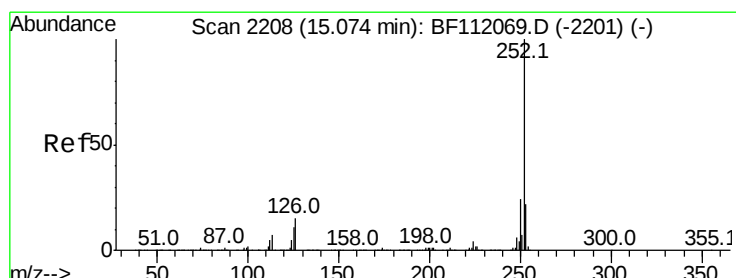
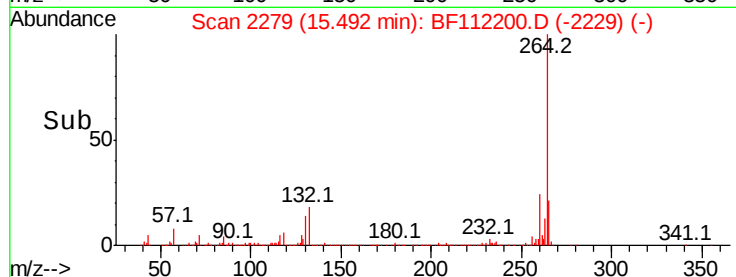
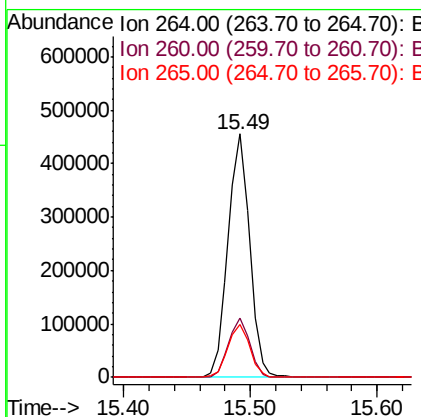
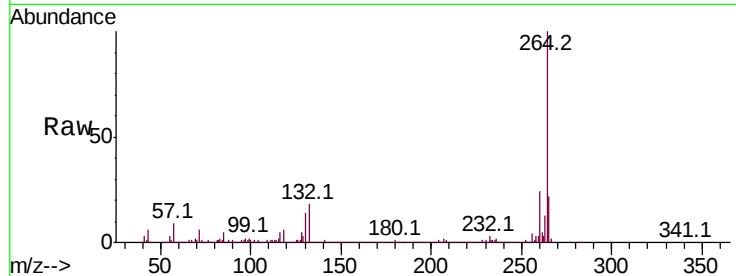
ClientSampleId :

S-1MS

Tot Ion:	264	Resp:	538415
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.2	27.2
265	21.6	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 49.684 ng

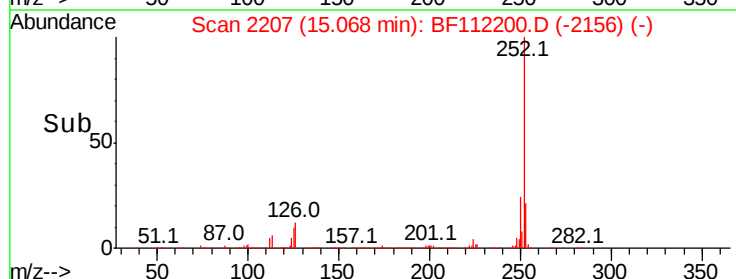
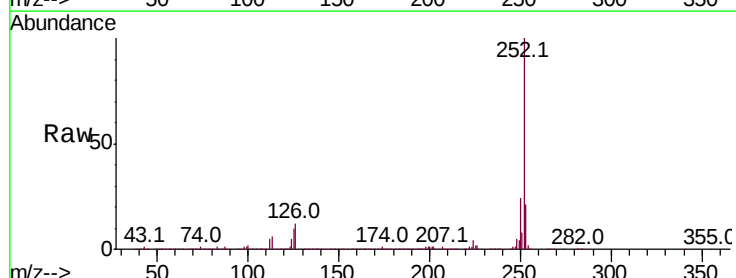
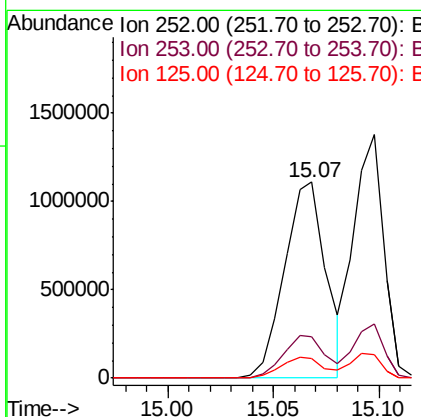
RT: 15.07 min Scan# 2207

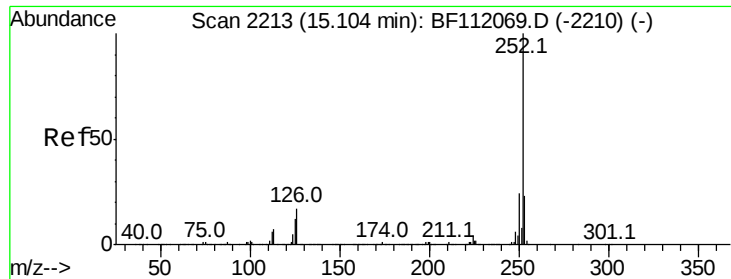
Delta R.T. 0.00 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Tgt Ion:	252	Resp:	1518478
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.0	27.0
125	9.8	8.7	13.1





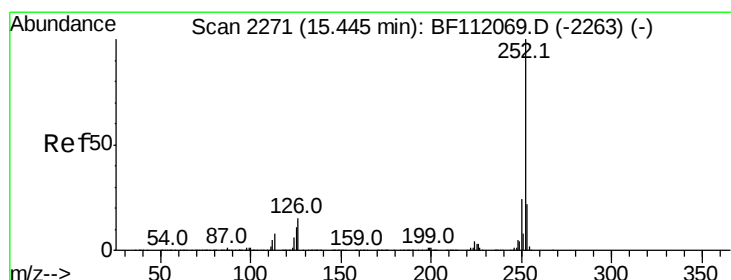
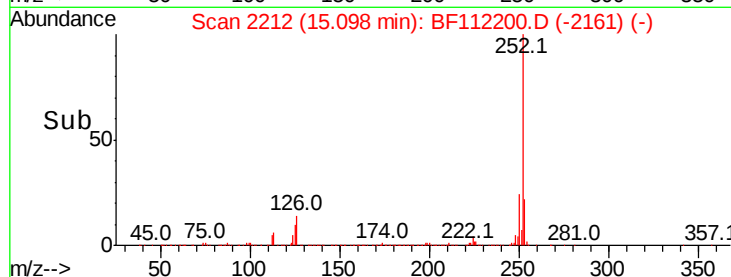
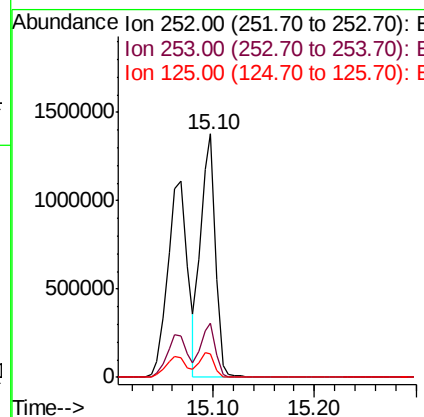
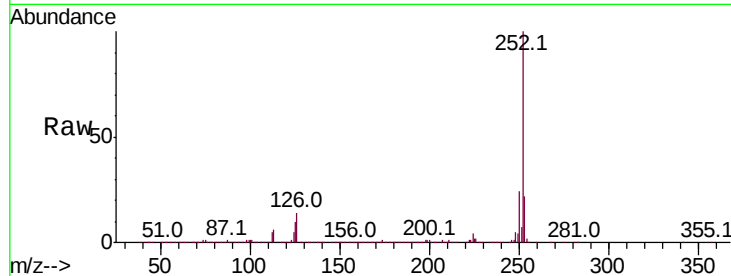
#89
Benzo(k)fluoranthene
Concen: 46.337 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.8	9.1	13.7

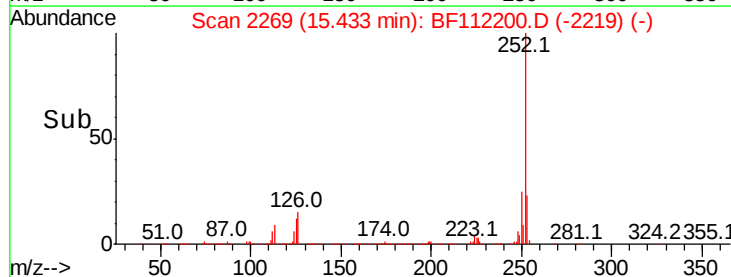
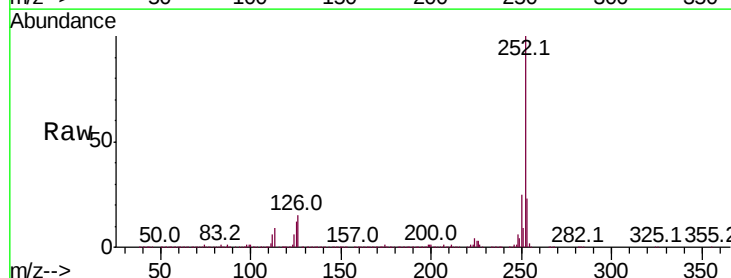
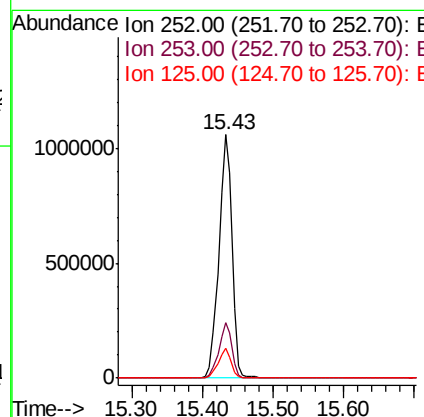
Manual Integrations
APPROVED

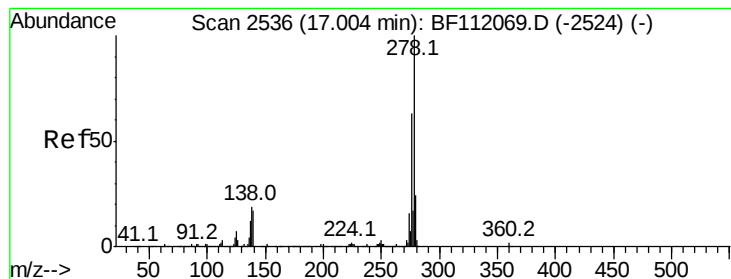
Sohil
1/24/2019 11:30:22 AM



#90
Benzo(a)pyrene
Concen: 48.886 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	12.2	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 51.670 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampled :

S-1MS

Tot Ion:278 Resp: 1286258

Ion Ratio Lower Upper

278 100

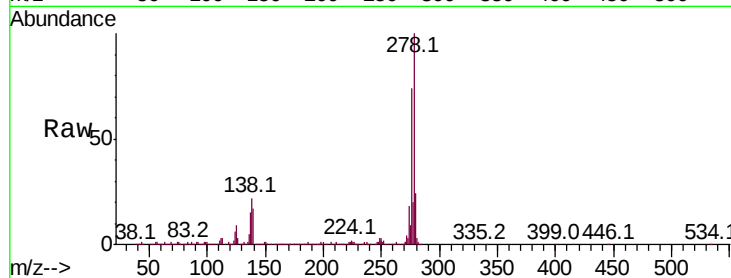
139 17.0 13.7 20.5

279 23.9 19.0 28.6

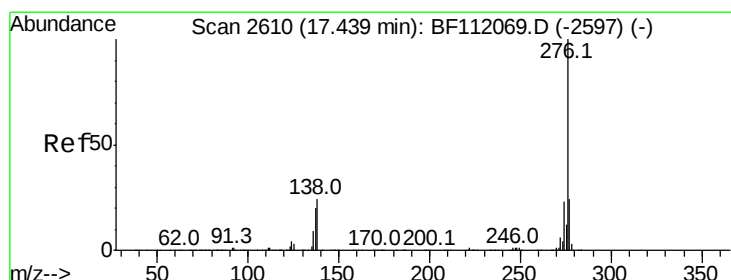
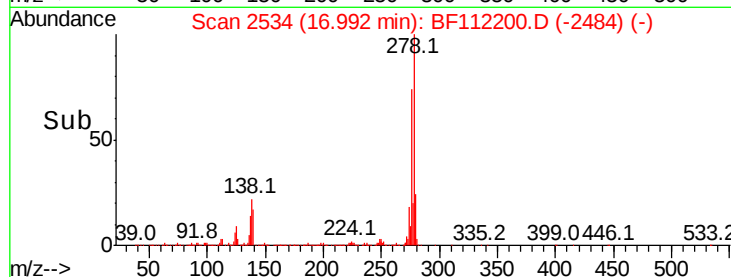
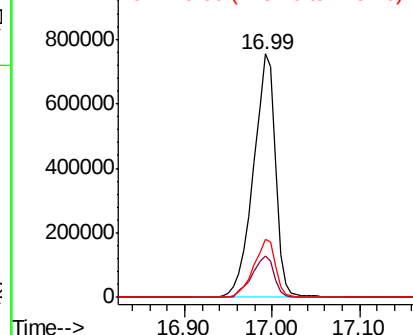
Manual Integrations
APPROVED

Sohil

1/24/2019 11:30:22 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.189 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

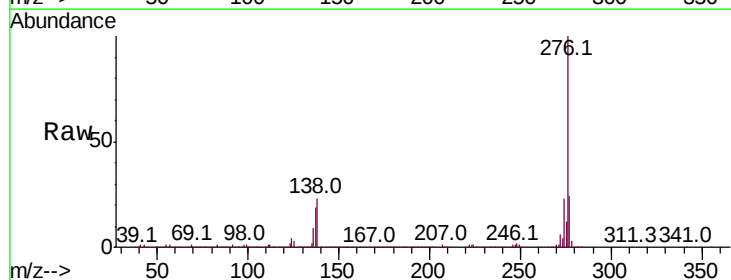
Tgt Ion:276 Resp: 1304440

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 23.1 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

