

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112420\
 Data File : BF122470.D
 Acq On : 24 Nov 2020 16:30
 Operator : JU/CG
 Sample : L4829-18DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3DL

Quant Time: Nov 24 17:00:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

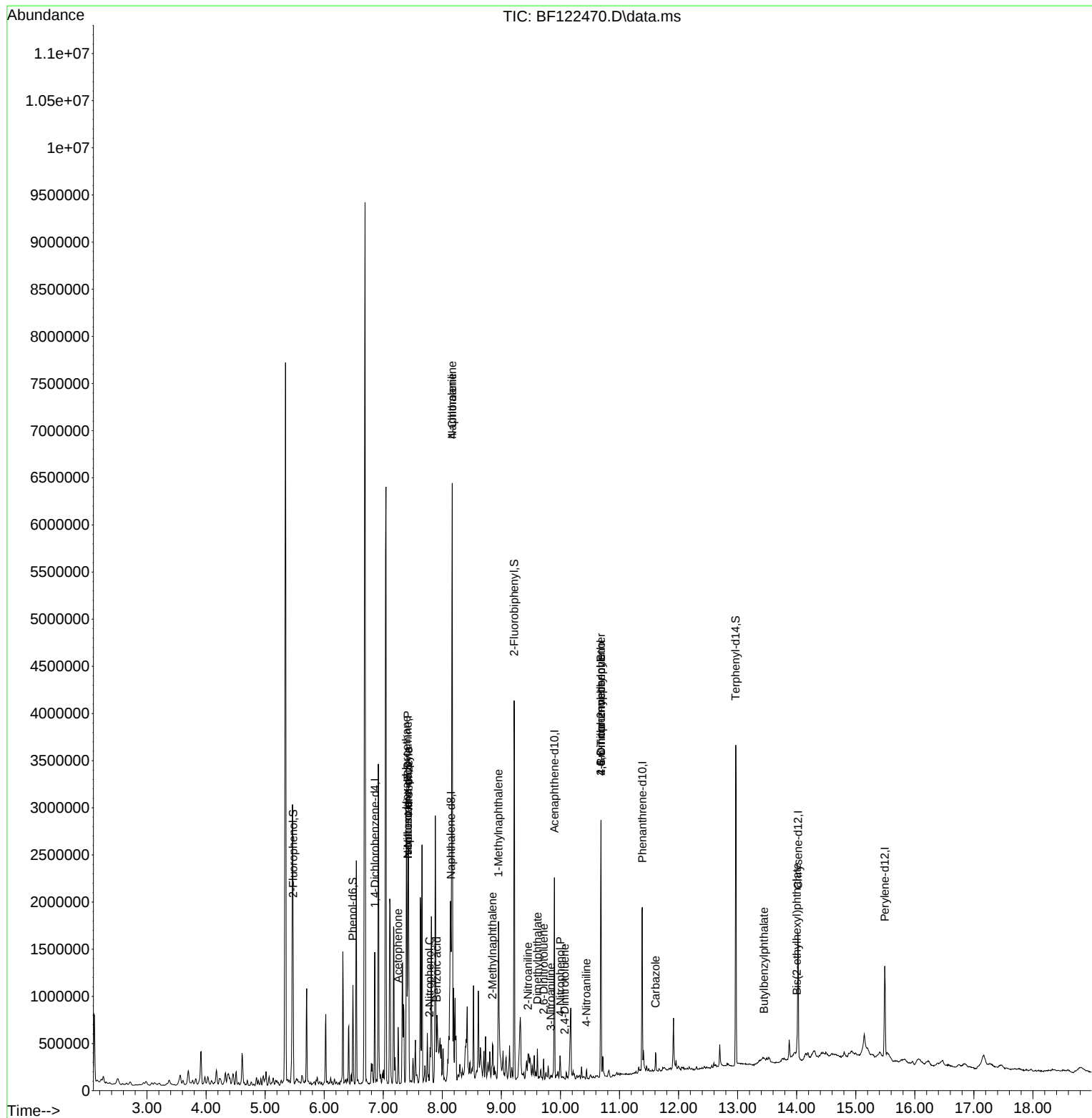
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	183785	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	690743	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	387488	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	673559	20.00	ng	# 0.00
76) Chrysene-d12	14.021	240	439432	20.00	ng	-0.01
86) Perylene-d12	15.492	264	459724	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	372520	31.12	ng	0.00
7) Phenol-d6	6.487	99	328461	20.98	ng	-0.01
23) Nitrobenzene-d5	7.416	82	624925	55.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	320872	77.15	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1234935	49.80	ng	0.00
79) Terphenyl-d14	12.968	244	1074888	51.82	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.392	117	189666	38.47	ng	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	81961	8.76	ng	# 77
22) Acetophenone	7.251	105	211280	11.74	ng	# 50
24) Nitrobenzene	7.428	77	32000	2.48	ng	# 1
25) Isophorone	7.416	82	610925	24.29	ng	# 67
26) 2-Nitrophenol	7.786	139	506	6.89	ng	# 1
31) Naphthalene	8.169	128	2541991	69.22	ng	97
32) Benzoic acid	7.904	122	11356	9.40	ng	# 1
33) 4-Chloroaniline	8.169	127	351239	21.96	ng	# 32
37) 2-Methylnaphthalene	8.851	142	73816	3.04	ng	98
38) 1-Methylnaphthalene	8.951	142	339928	14.97	ng	# 98
48) 2-Nitroaniline	9.451	65	8522	6.21	ng	# 38
50) Dimethylphthalate	9.610	163	109055	3.96	ng	# 94
51) 2,6-Dinitrotoluene	9.716	165	3160	4.29	ng	# 76
53) 3-Nitroaniline	9.839	138	111	3.57	ng	# 41
56) 4-Nitrophenol	9.998	139	1367	5.62	ng	# 1
57) 2,4-Dinitrotoluene	10.075	165	2749	5.04	ng	# 74
62) 4-Nitroaniline	10.439	138	2403	3.71	ng	# 70
65) 4,6-Dinitro-2-methylph...	10.686	198	743	6.47	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	20569	2.60	ng	# 1
73) Carbazole	11.610	167	81253	2.27	ng	99
80) Butylbenzylphthalate	13.445	149	2538	3.48	ng	# 75
84) Bis(2-ethylhexyl)phtha...	14.004	149	45437	3.05	ng	98

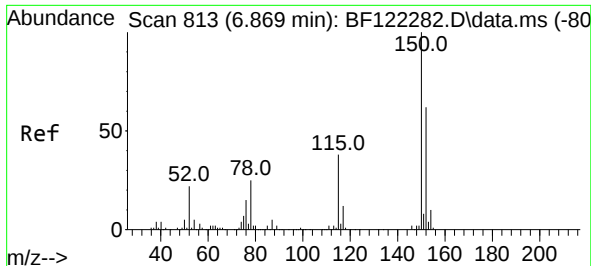
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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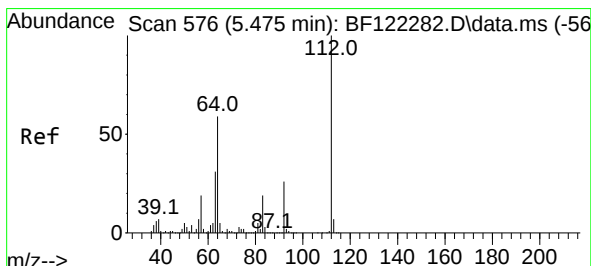
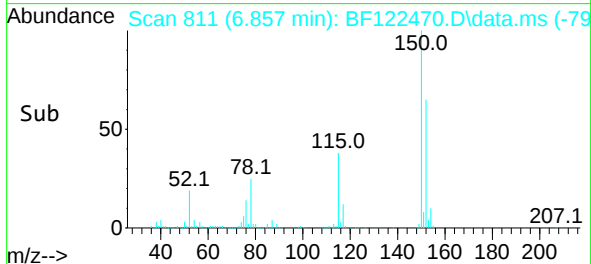
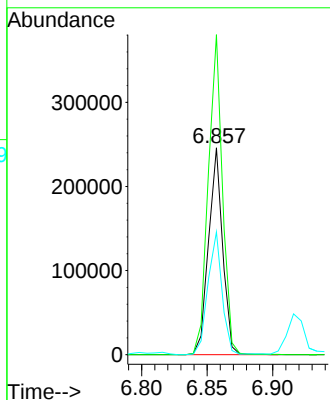
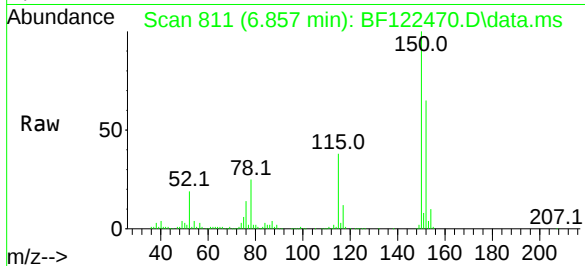




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

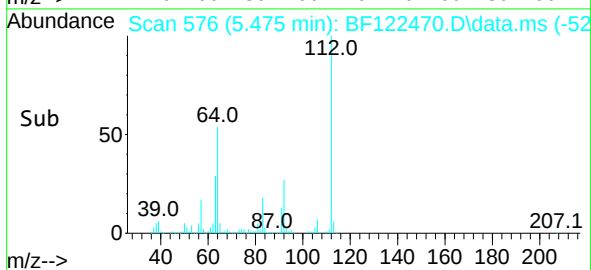
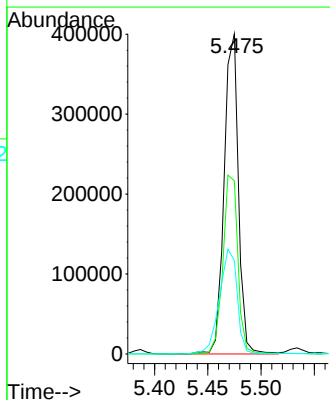
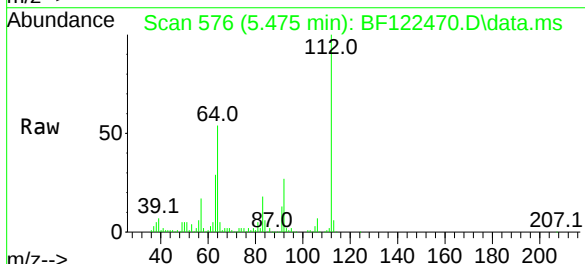
Instrument :
BNA_F
ClientSampleId :
MW-3DL

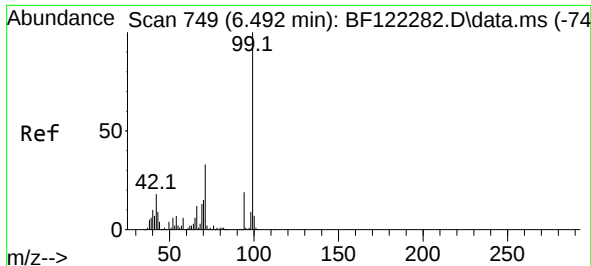
Tgt Ion:152 Resp: 183785
Ion Ratio Lower Upper
152 100
150 154.6 125.3 187.9
115 59.3 51.9 77.9



#5
2-Fluorophenol
Concen: 31.12 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:112 Resp: 372520
Ion Ratio Lower Upper
112 100
64 54.1 50.4 75.6
63 29.2 25.8 38.6

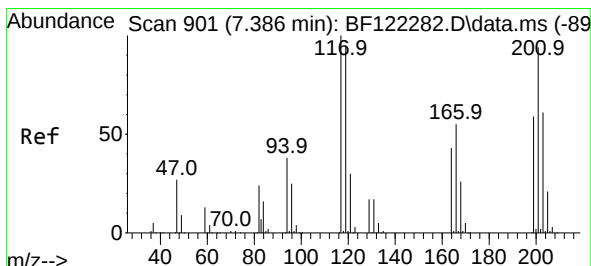
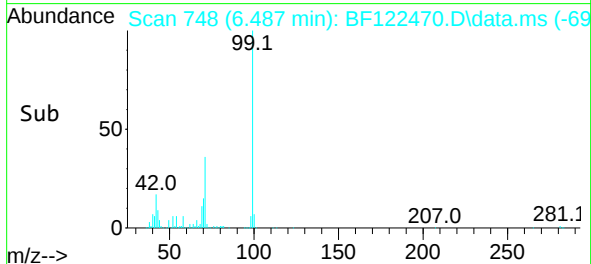
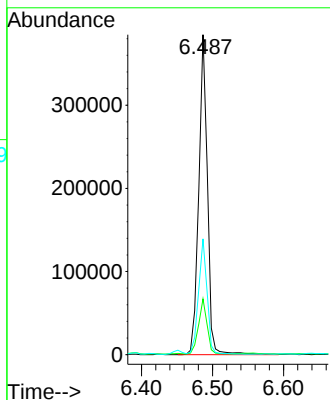
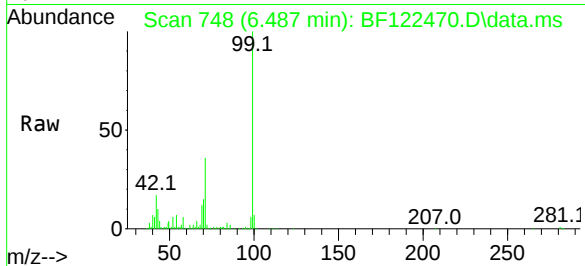




#7
Phenol-d6
Concen: 20.98 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

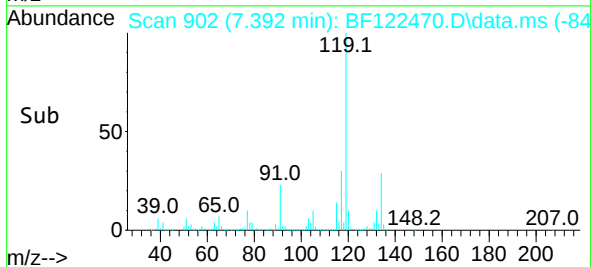
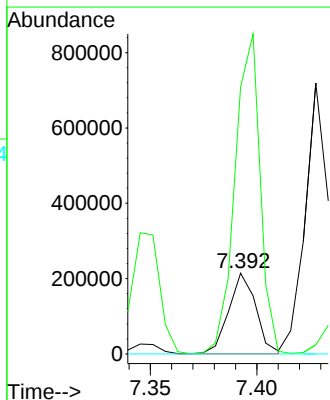
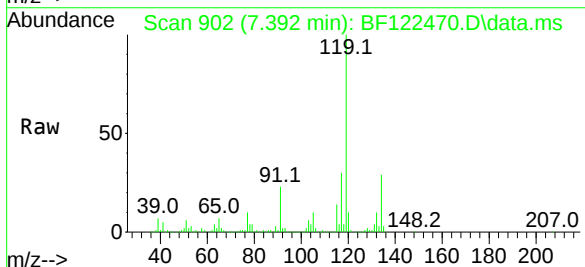
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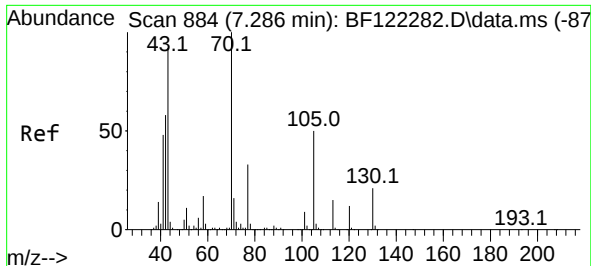
Tgt Ion: 99 Resp: 328461
Ion Ratio Lower Upper
99 100
42 17.4 15.9 23.9
71 36.2 27.1 40.7



#18
Hexachloroethane
Concen: 38.47 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.018 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion: 117 Resp: 189666
Ion Ratio Lower Upper
117 100
119 330.7 76.3 114.5#
201 0.0 71.8 107.6#

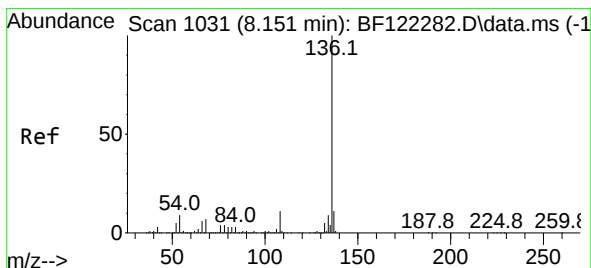
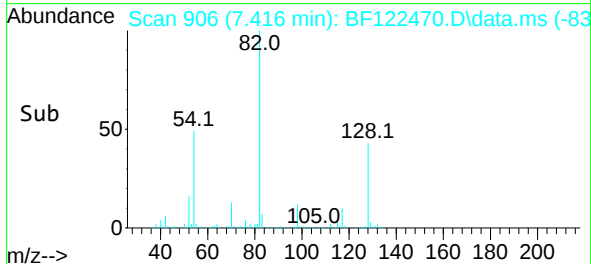
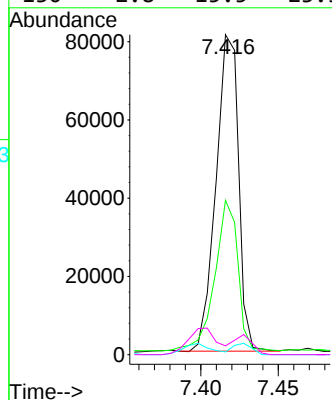
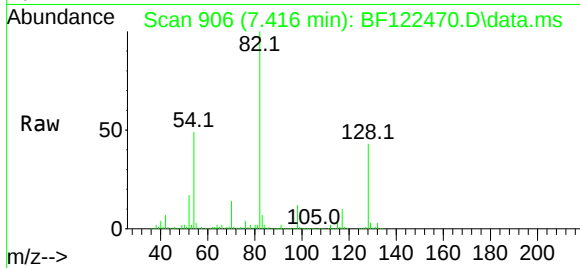




#19
n-Nitroso-di-n-propylamine
Concen: 8.76 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

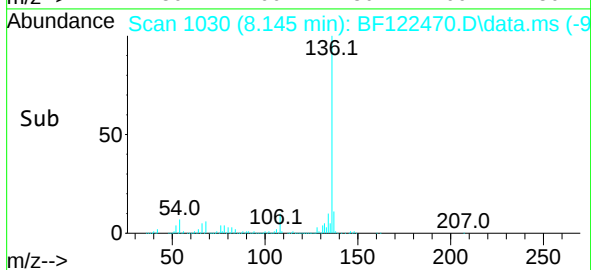
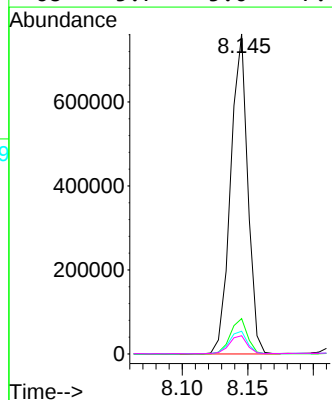
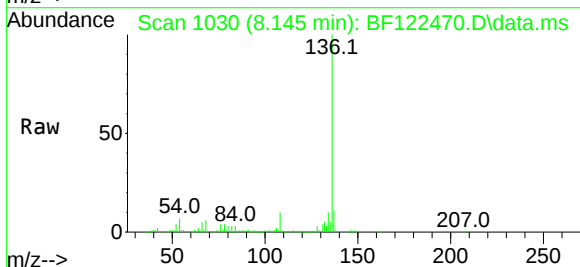
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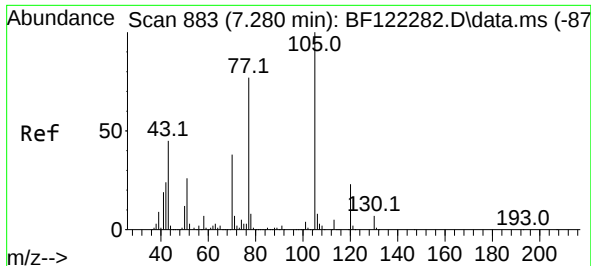
Tgt Ion: 70 Resp: 81961
Ion Ratio Lower Upper
70 100
42 48.3 50.2 75.4#
101 0.8 7.5 11.3#
130 2.8 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion: 136 Resp: 690743
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.1 7.1 10.7#
68 5.7 5.0 7.4

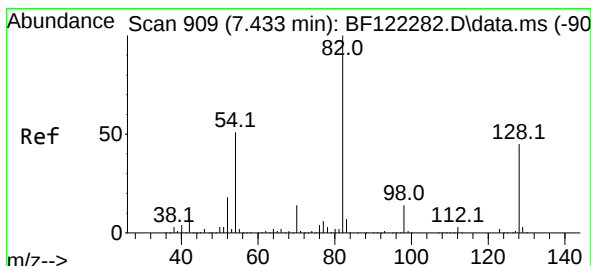
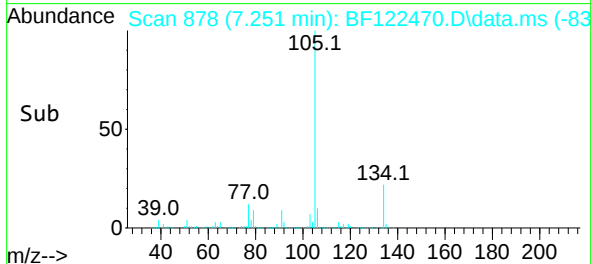
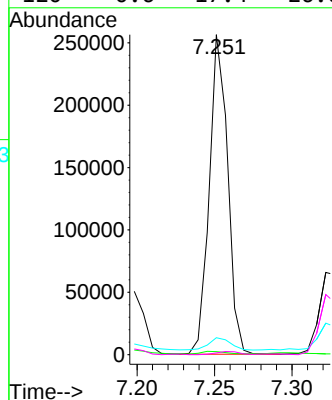
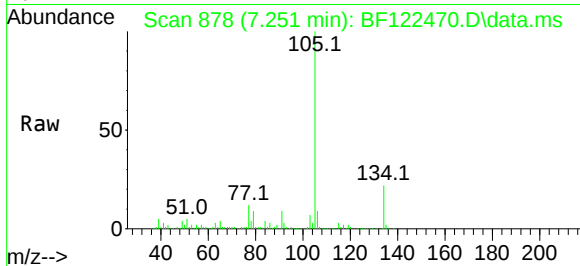




#22
Acetophenone
Concen: 11.74 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.024 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

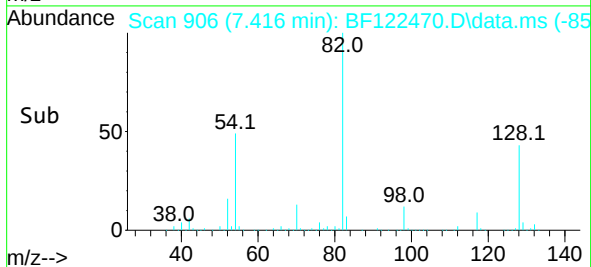
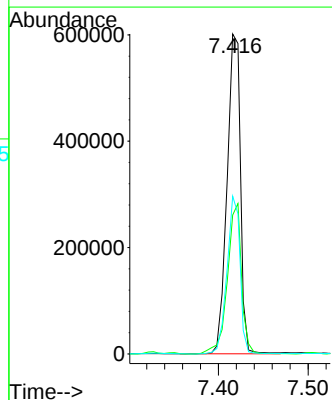
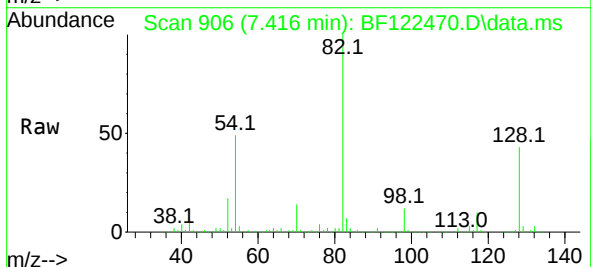
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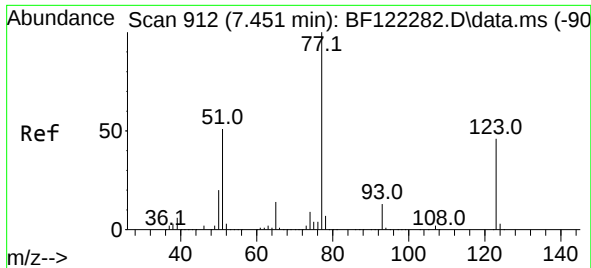
Tgt Ion:105 Resp: 211280
Ion Ratio Lower Upper
105 100
71 1.0 5.3 7.9#
51 5.3 33.2 49.8#
120 0.6 17.4 26.0#



#23
Nitrobenzene-d5
Concen: 55.39 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion: 82 Resp: 624925
Ion Ratio Lower Upper
82 100
128 43.4 35.0 52.4
54 49.3 43.9 65.9

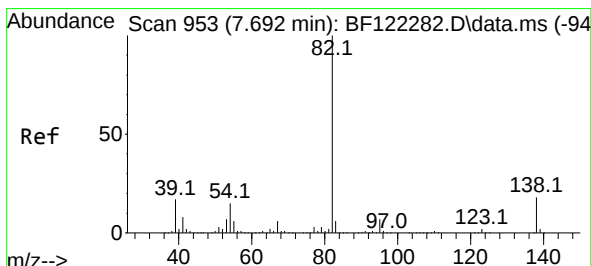
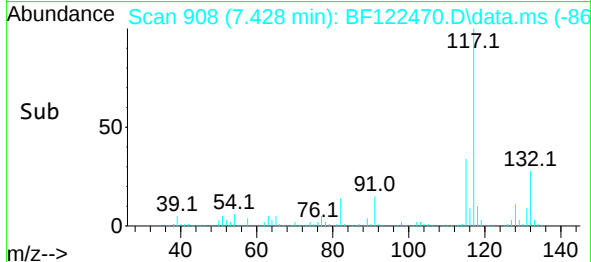
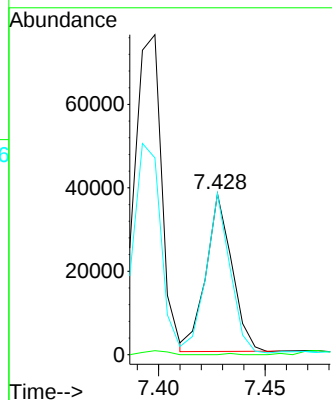
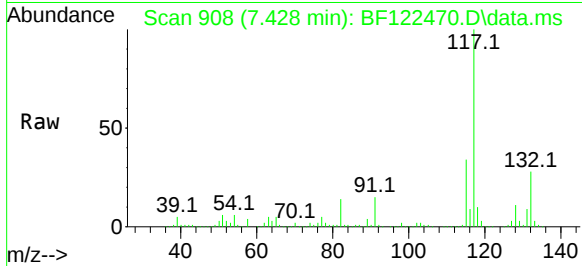




#24
Nitrobenzene
Concen: 2.48 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.018 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

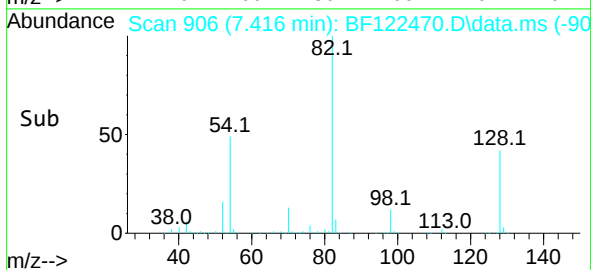
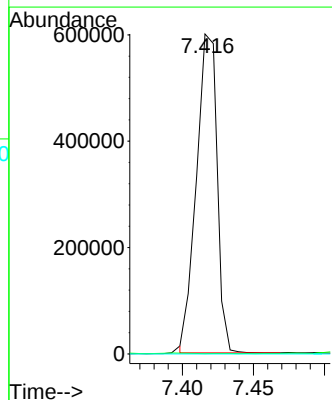
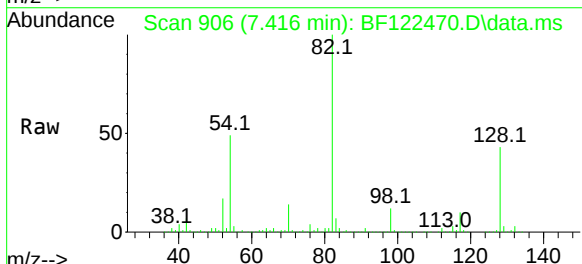
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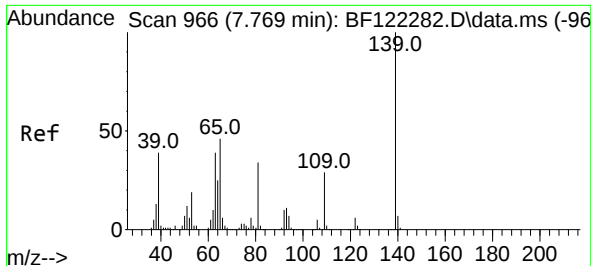
Tgt Ion: 77 Resp: 32000
Ion Ratio Lower Upper
77 100
123 0.0 35.6 53.4#
65 100.3 11.2 16.8#



#25
Isophorone
Concen: 24.29 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion: 82 Resp: 610925
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 13.4 20.0#

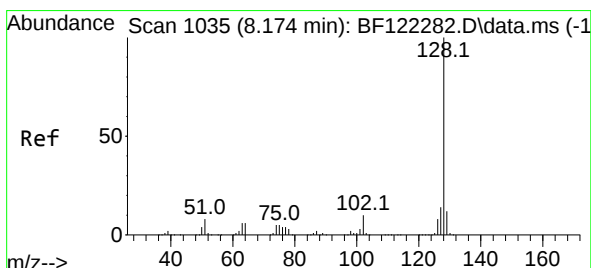
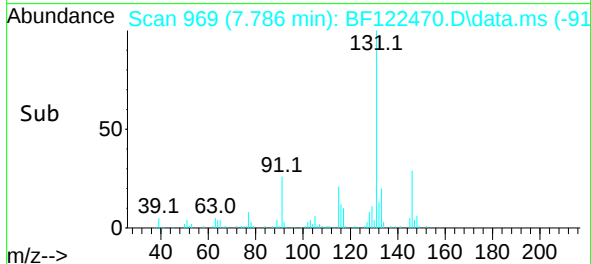
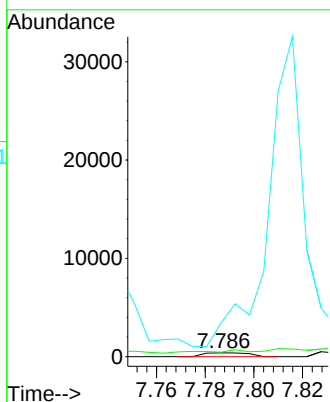
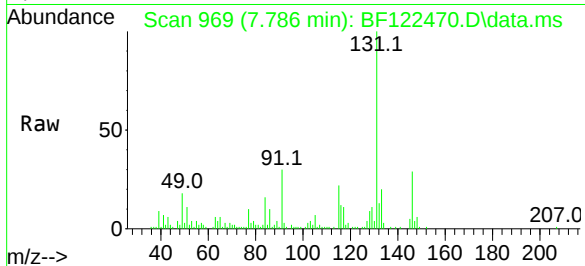




#26
2-Nitrophenol
Concen: 6.89 ng
RT: 7.786 min Scan# 969
Delta R.T. 0.029 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

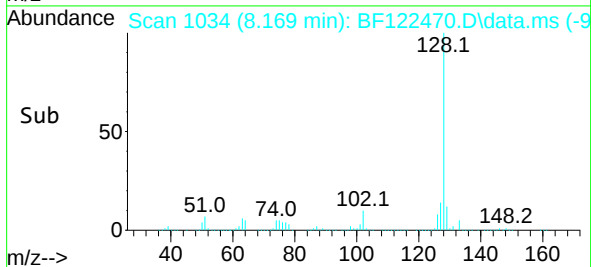
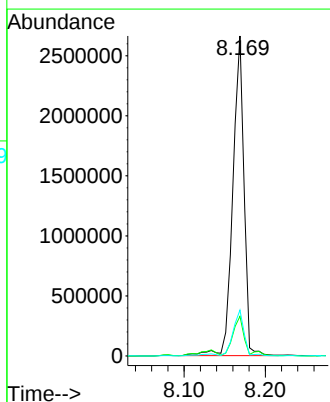
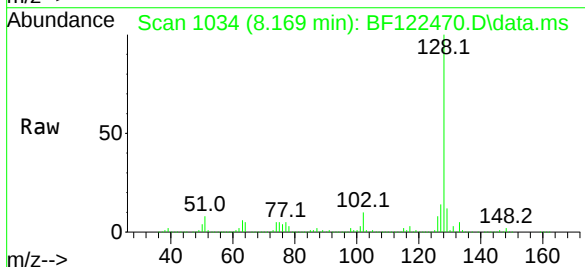
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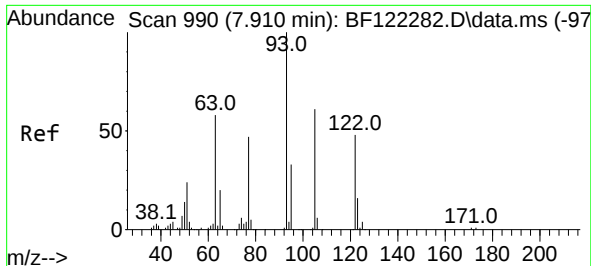
Tgt Ion:139 Resp: 506
Ion Ratio Lower Upper
139 100
109 118.1 23.0 34.4#
65 871.8 39.9 59.9#



#31
Naphthalene
Concen: 69.22 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:128 Resp: 2541991
Ion Ratio Lower Upper
128 100
129 12.4 8.7 13.1
127 14.4 10.8 16.2

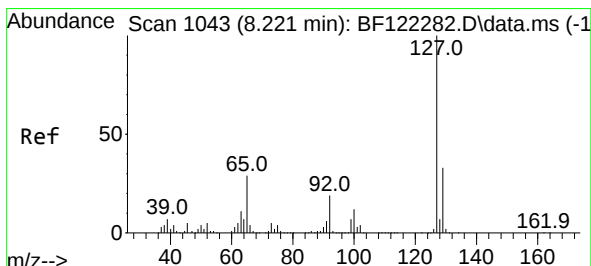
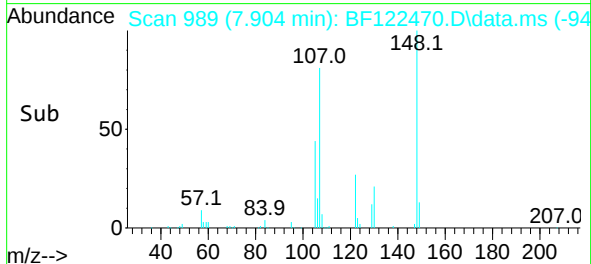
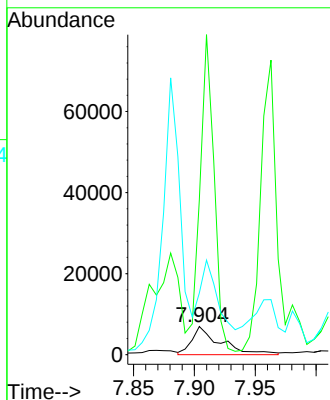
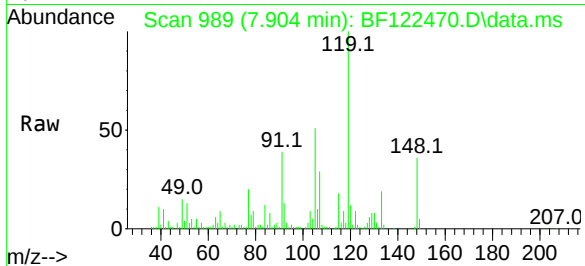




#32
Benzoic acid
Concen: 9.40 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.030 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

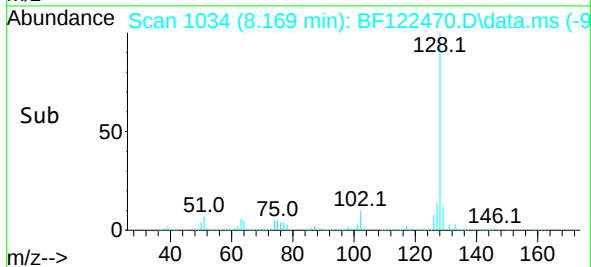
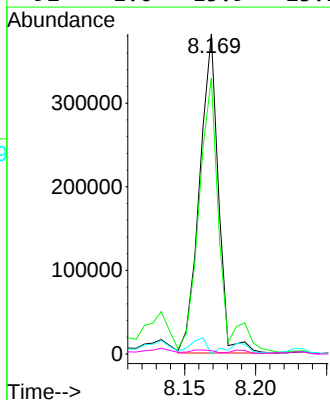
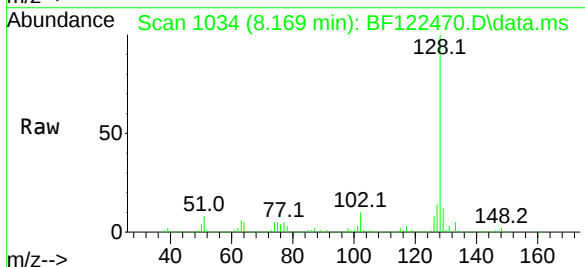
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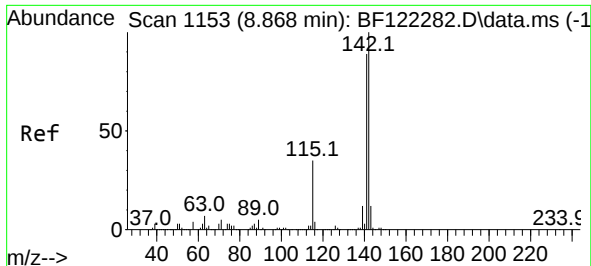
Tgt Ion:122 Resp: 11356
Ion Ratio Lower Upper
122 100
105 549.1 103.3 143.3#
77 218.7 73.9 113.9#



#33
4-Chloroaniline
Concen: 21.96 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.047 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:127 Resp: 351239
Ion Ratio Lower Upper
127 100
129 86.3 26.3 39.5#
65 0.0 26.2 39.2#
92 1.0 15.9 23.9#

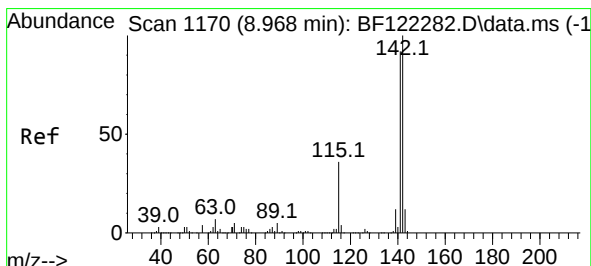
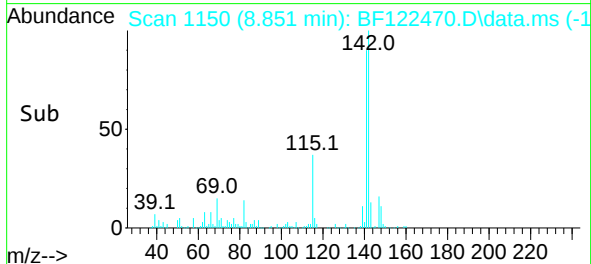
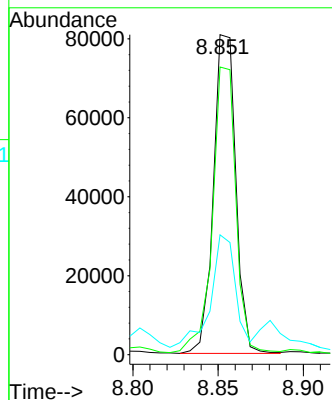
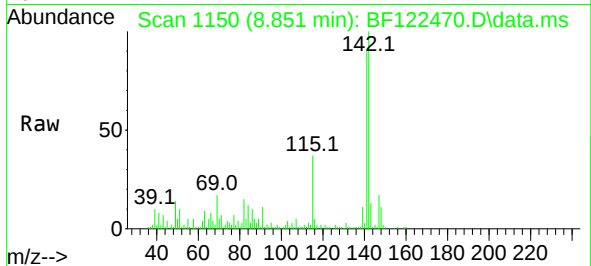




#37
2-Methylnaphthalene
Concen: 3.04 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

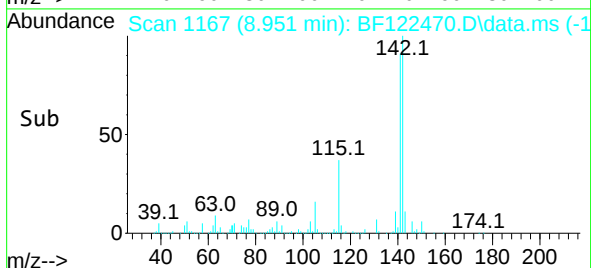
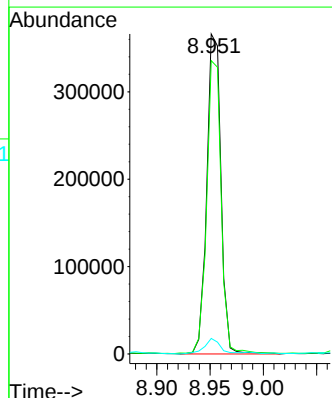
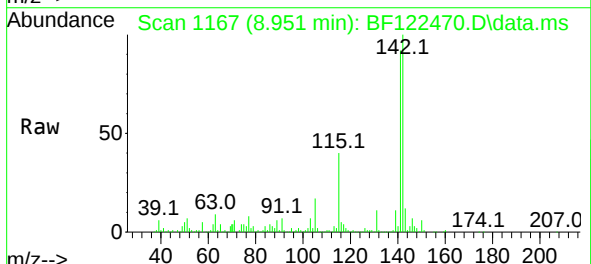
Instrument :
BNA_F
ClientSampleId :
MW-3DL

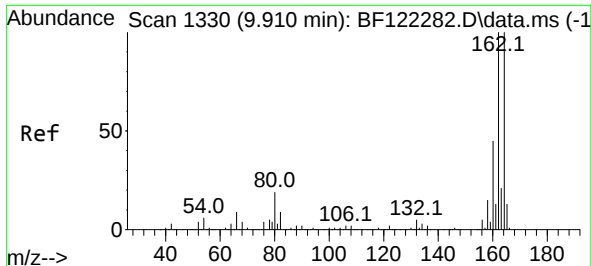
Tgt Ion:142 Resp: 73816
Ion Ratio Lower Upper
142 100
141 89.9 70.2 105.4
115 37.5 28.6 43.0



#38
1-Methylnaphthalene
Concen: 14.97 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:142 Resp: 339928
Ion Ratio Lower Upper
142 100
141 91.7 74.5 111.7
116 4.8 3.2 4.8#

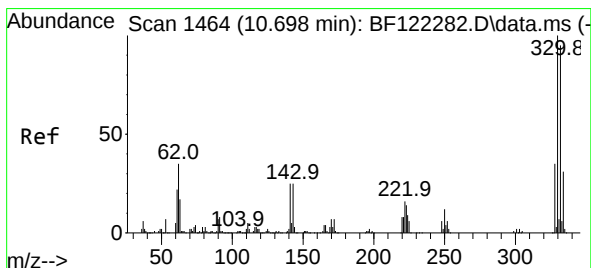
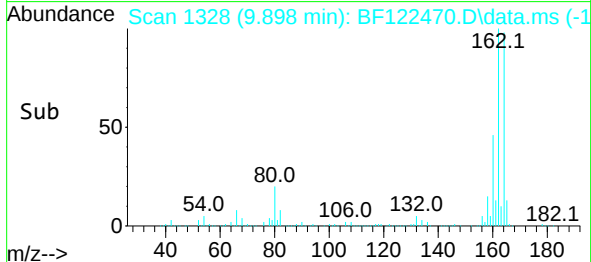
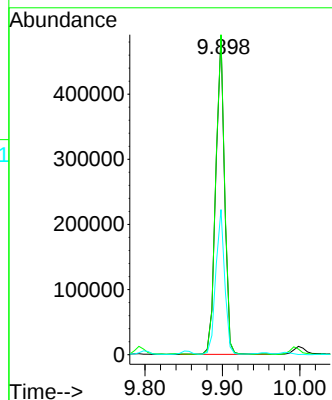
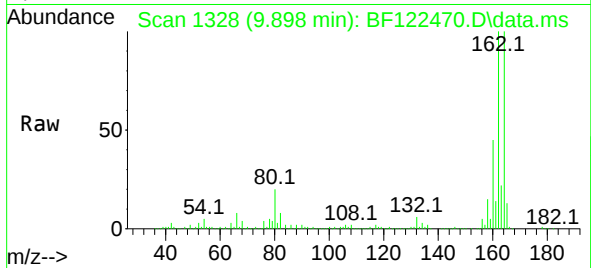




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

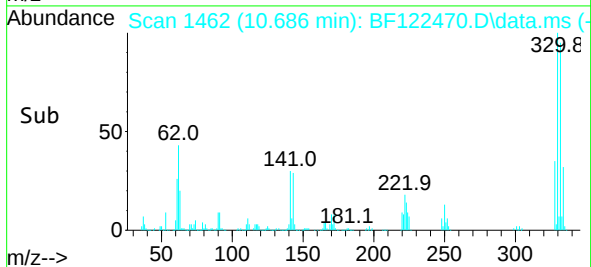
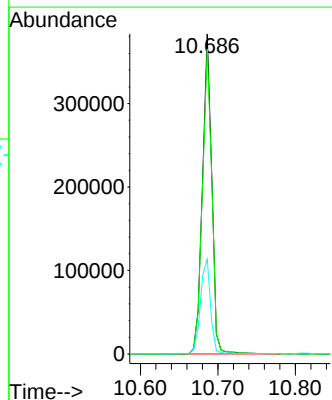
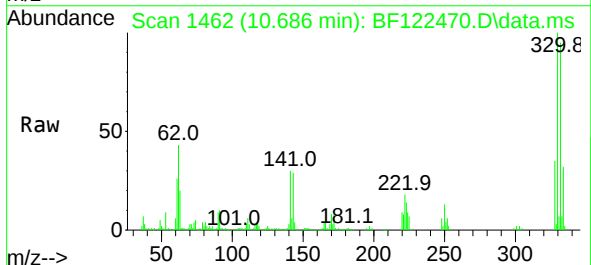
Instrument :
BNA_F
ClientSampleId :
MW-3DL

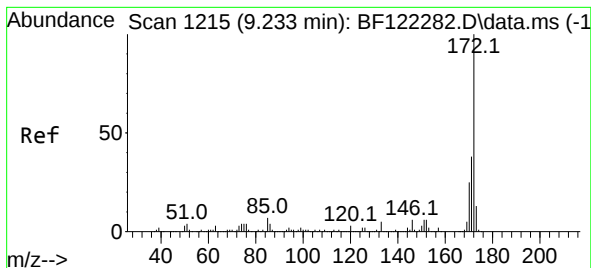
Tgt Ion:164	Resp: 387488		
Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.2	124.8
160	45.4	37.5	56.3



#42
2,4,6-Tribromophenol
Concen: 77.15 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:330	Resp: 320872		
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.6	22.3	33.5

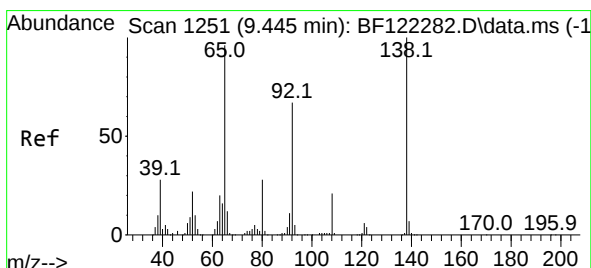
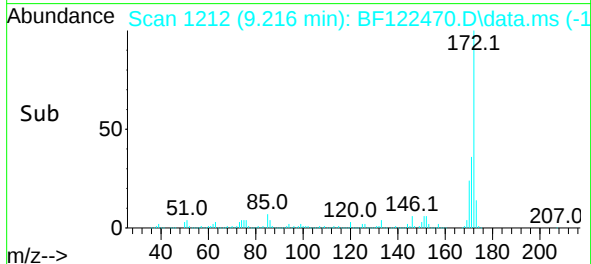
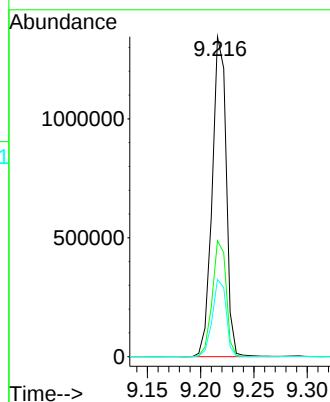
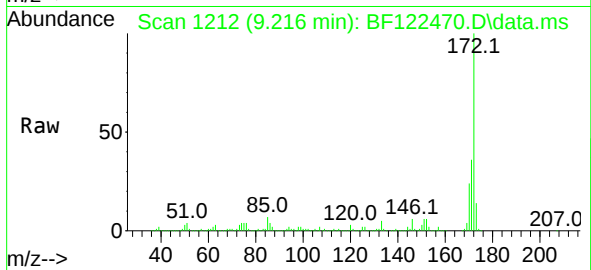




#45
2-Fluorobiphenyl
Concen: 49.80 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

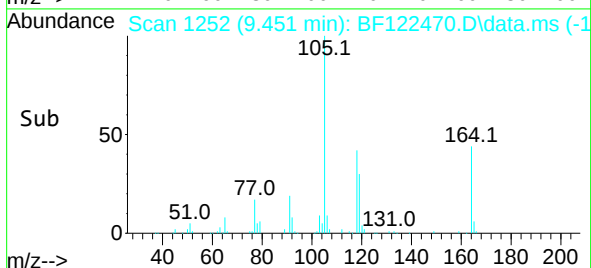
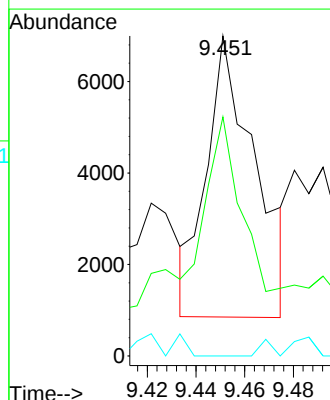
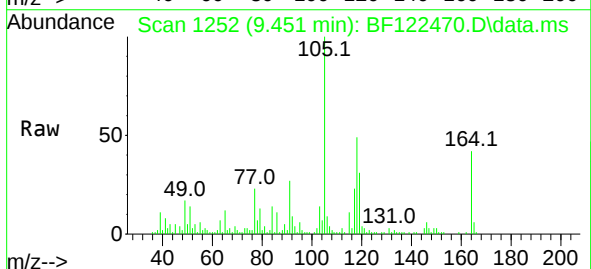
Instrument :
BNA_F
ClientSampleId :
MW-3DL

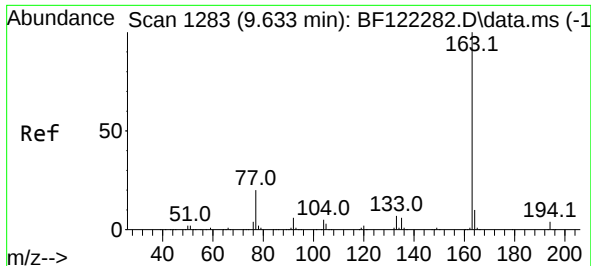
Tgt Ion:172 Resp: 1234935
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.1 19.8 29.6



#48
2-Nitroaniline
Concen: 6.21 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion: 65 Resp: 8522
Ion Ratio Lower Upper
65 100
92 74.7 55.1 82.7
138 0.0 80.5 120.7#

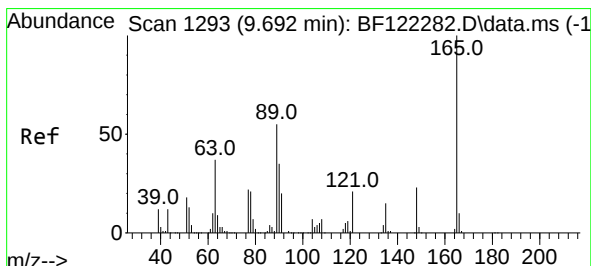
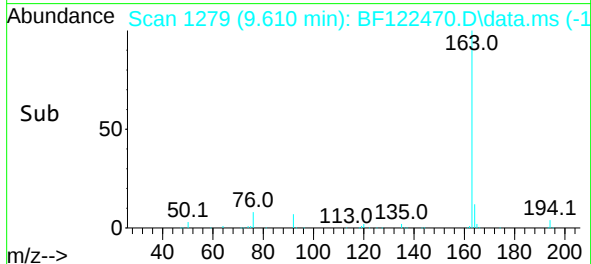
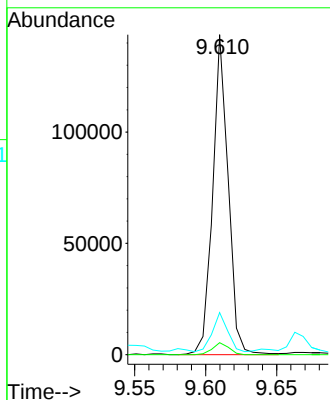
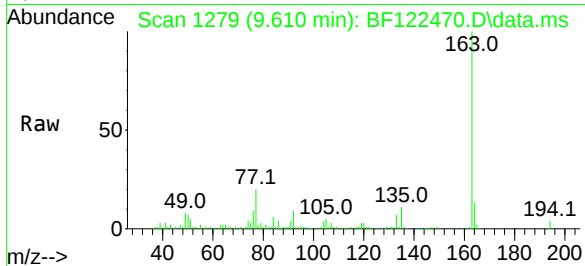




#50
Dimethylphthalate
Concen: 3.96 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

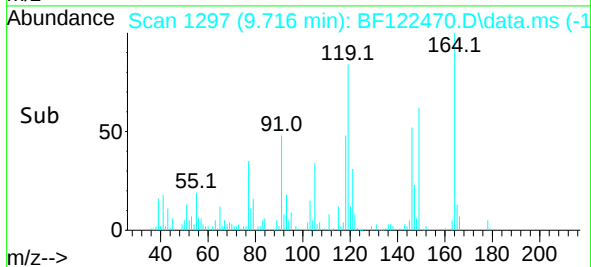
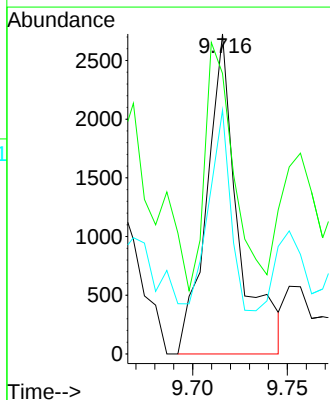
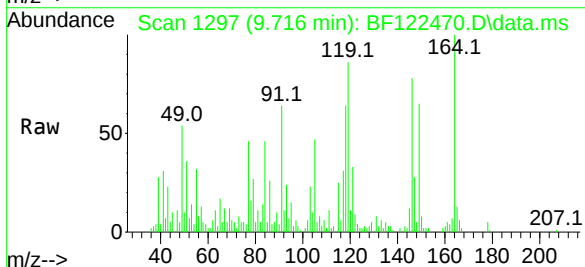
Instrument :
BNA_F
ClientSampleId :
MW-3DL

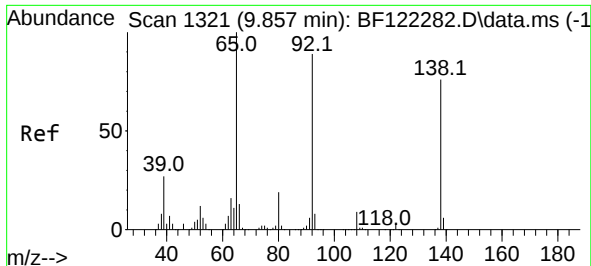
Tgt Ion:163 Resp: 109055
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 13.2 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 4.29 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.029 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:165 Resp: 3160
Ion Ratio Lower Upper
165 100
63 87.7 51.8 77.6#
89 76.2 49.0 73.6#

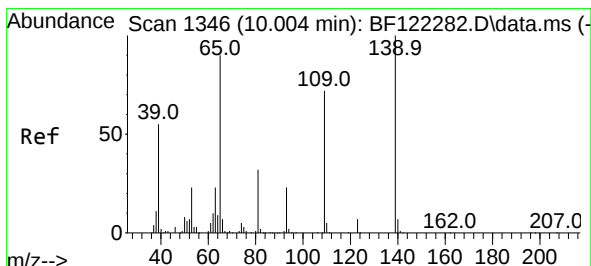
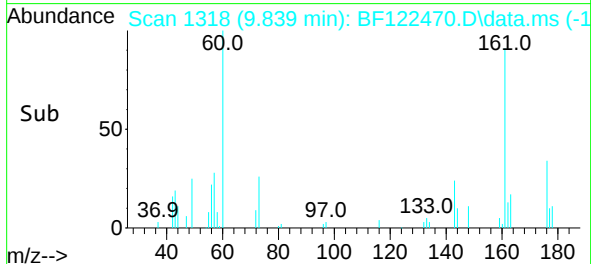
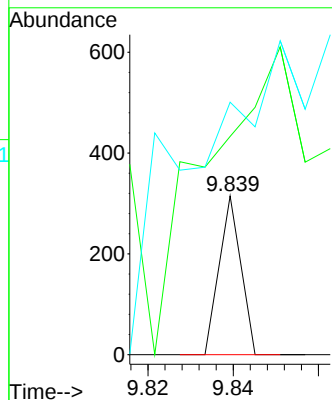
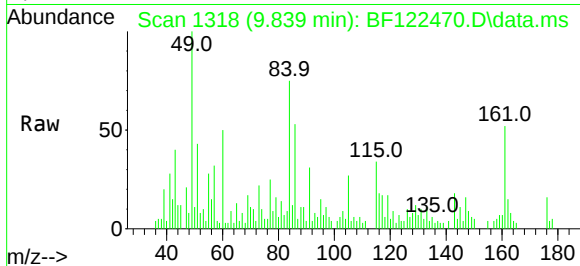




#53
3-Nitroaniline
Concen: 3.57 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

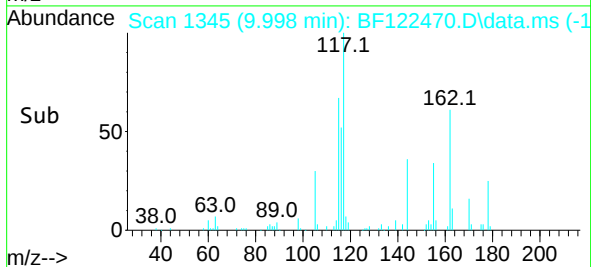
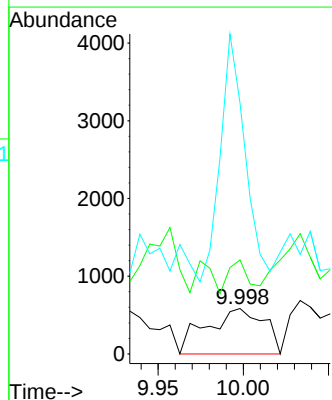
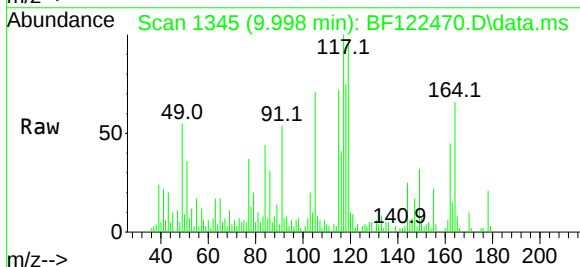
Instrument :
BNA_F
ClientSampleId :
MW-3DL

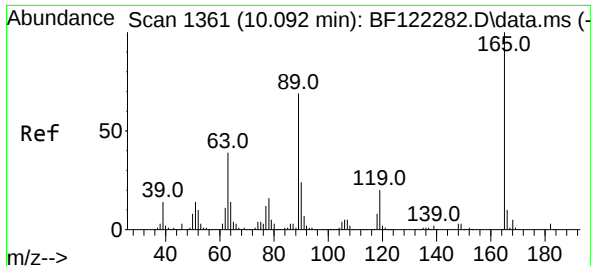
Tgt Ion:138 Resp: 111
Ion Ratio Lower Upper
138 100
108 137.5 8.6 13.0#
92 159.0 96.6 144.8#



#56
4-Nitrophenol
Concen: 5.62 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.018 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:139 Resp: 1367
Ion Ratio Lower Upper
139 100
109 207.2 45.4 85.4#
65 552.4 68.4 108.4#

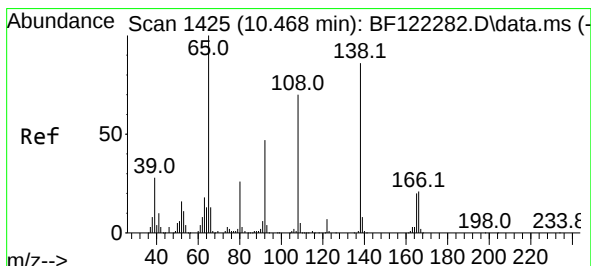
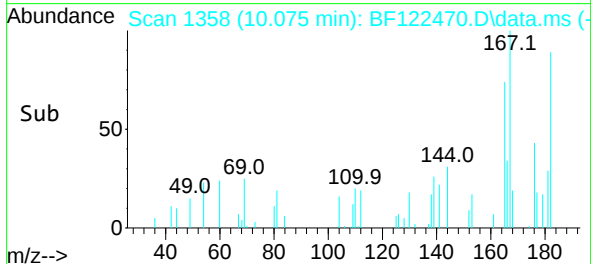
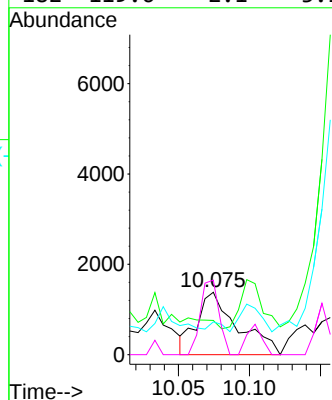
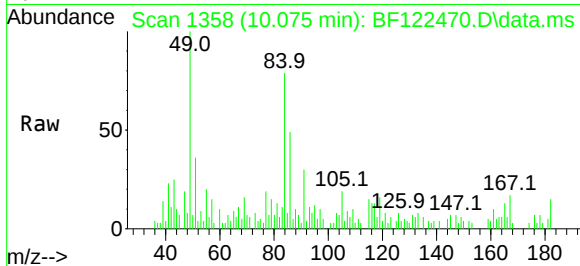




#57
2,4-Dinitrotoluene
Concen: 5.04 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.012 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

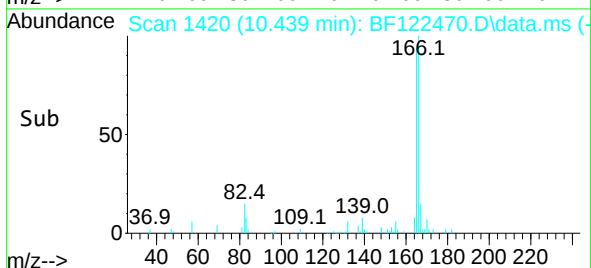
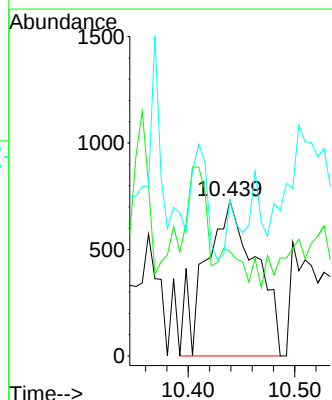
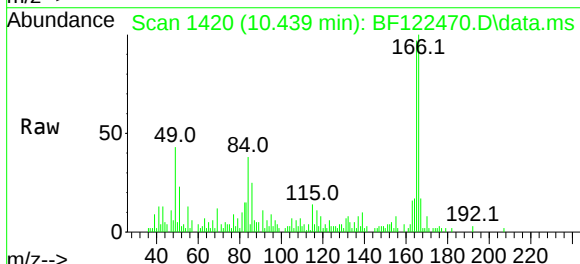
Instrument :
BNA_F
ClientSampleId :
MW-3DL

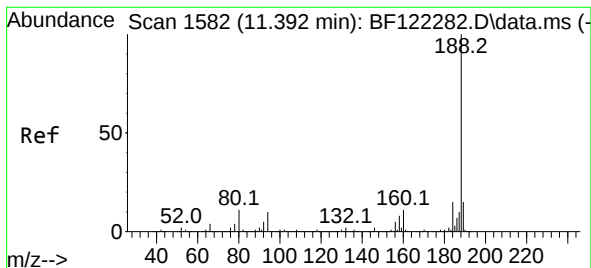
Tgt Ion:165 Resp: 2749
Ion Ratio Lower Upper
165 100
63 55.0 41.3 61.9
89 52.5 61.8 92.8#
182 119.6 2.1 3.1#



#62
4-Nitroaniline
Concen: 3.71 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.035 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:138 Resp: 2403
Ion Ratio Lower Upper
138 100
92 67.4 31.0 71.0
108 100.3 51.5 91.5#

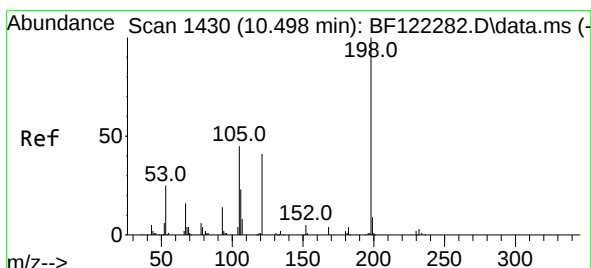
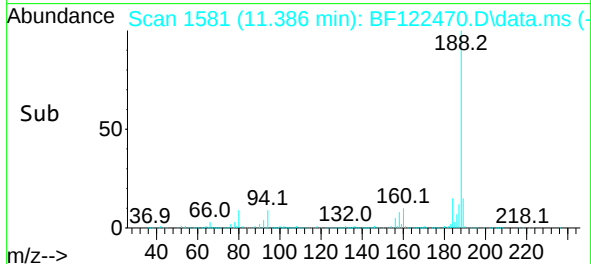
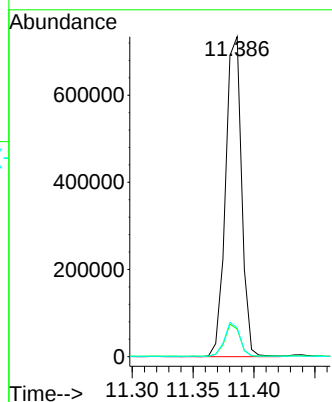
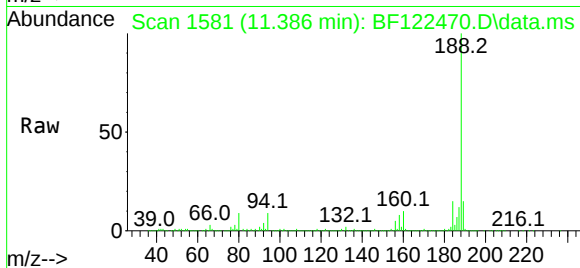




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

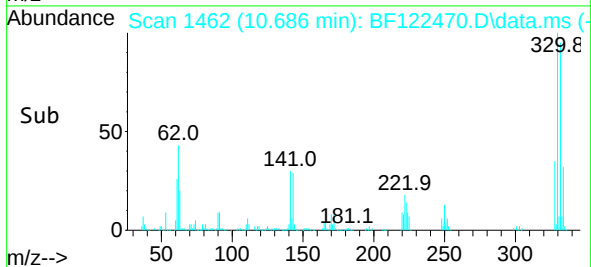
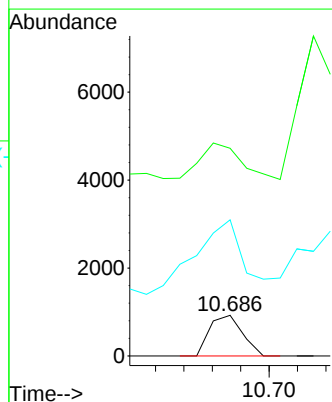
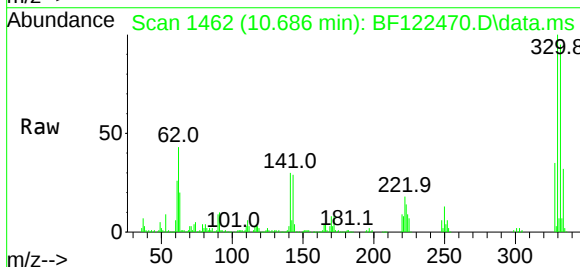
Instrument :
BNA_F
ClientSampleId :
MW-3DL

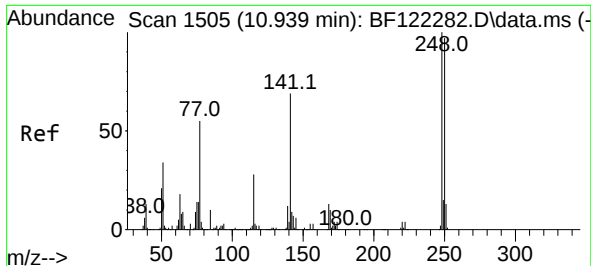
Tgt Ion:188 Resp: 673559
Ion Ratio Lower Upper
188 100
94 8.6 8.3 12.5
80 9.1 9.1 13.7#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.47 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:198 Resp: 743
Ion Ratio Lower Upper
198 100
51 511.5 29.6 69.6#
105 335.2 24.4 64.4#

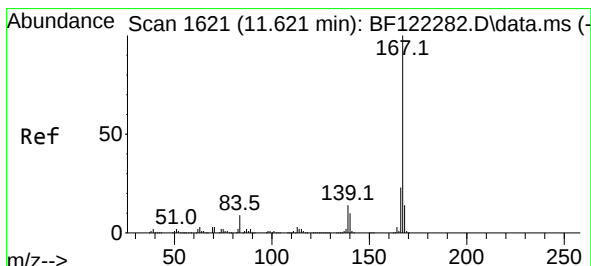
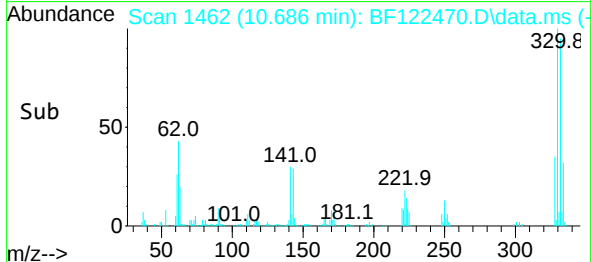
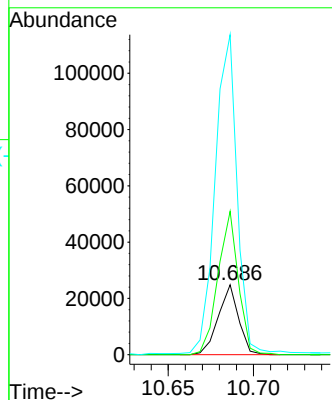
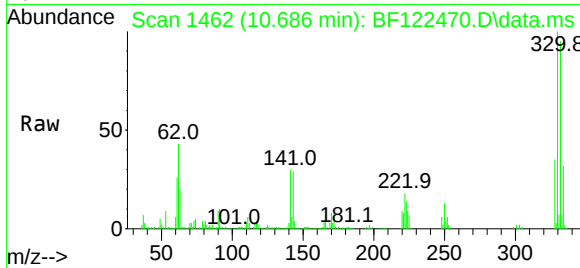




#67
4-Bromophenyl-phenylether
Concen: 2.60 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

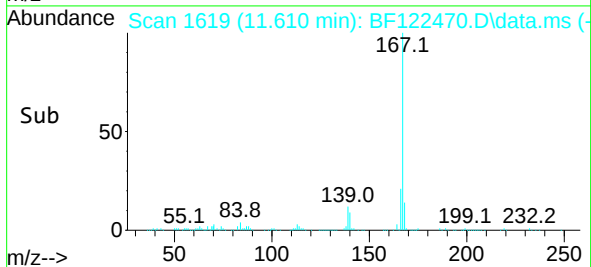
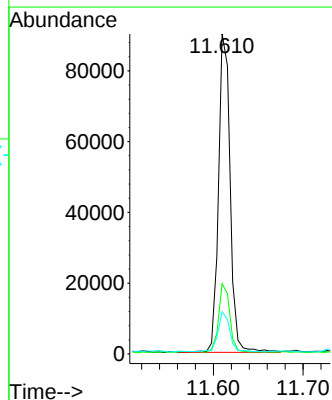
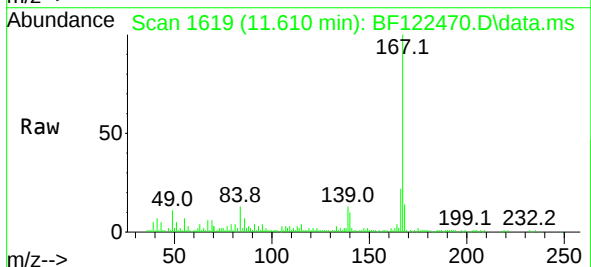
Instrument :
BNA_F
ClientSampleId :
MW-3DL

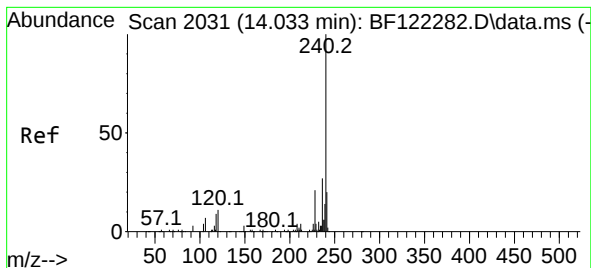
Tgt Ion:248 Resp: 20569
Ion Ratio Lower Upper
248 100
250 205.0 77.0 115.6#
141 457.5 53.7 80.5#



#73
Carbazole
Concen: 2.27 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:167 Resp: 81253
Ion Ratio Lower Upper
167 100
166 21.9 17.8 26.6
139 13.2 10.8 16.2

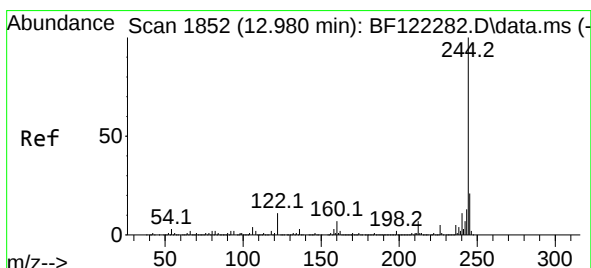
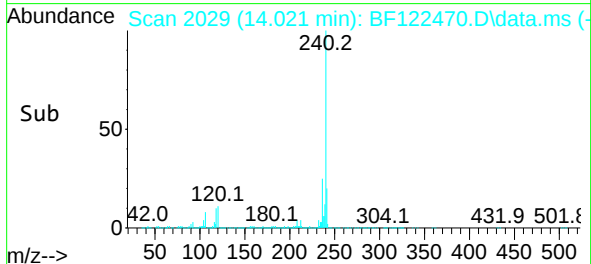
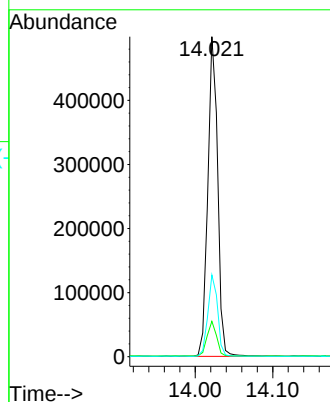
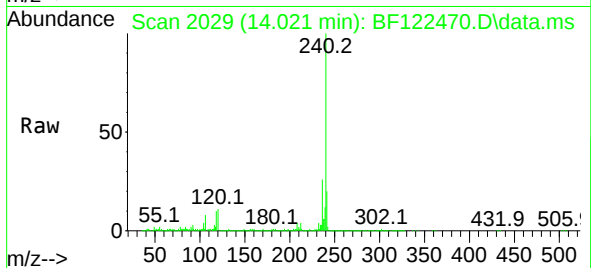




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

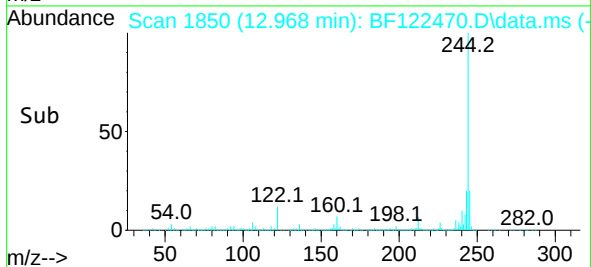
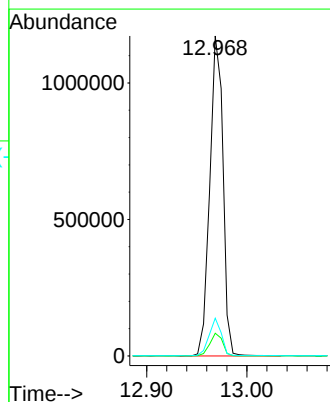
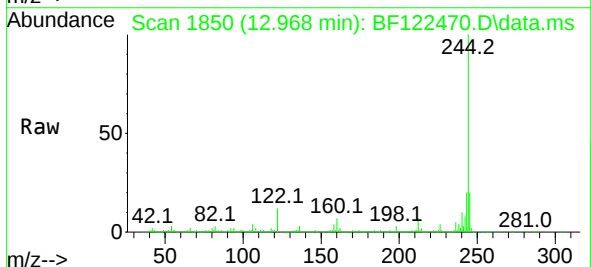
Instrument :
BNA_F
ClientSampleId :
MW-3DL

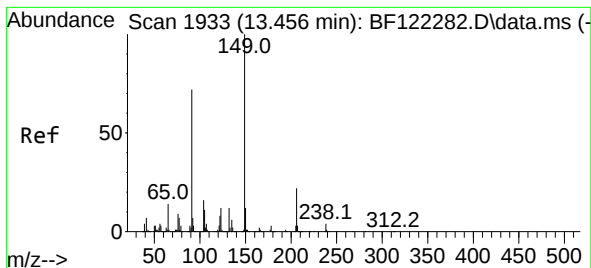
Tgt Ion:240 Resp: 439432
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 51.82 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:244 Resp: 1074888
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.8 8.1 12.1





#80

Butylbenzylphthalate

Concen: 3.48 ng

RT: 13.445 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BF122470.D

Acq: 24 Nov 2020 16:30

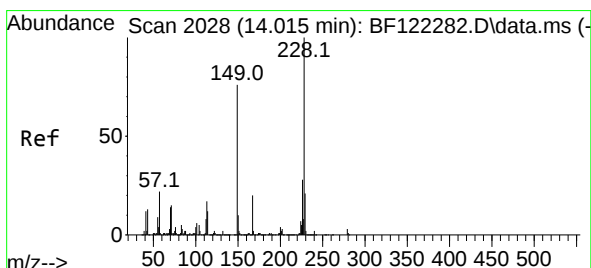
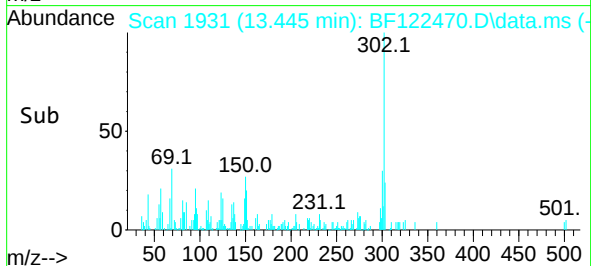
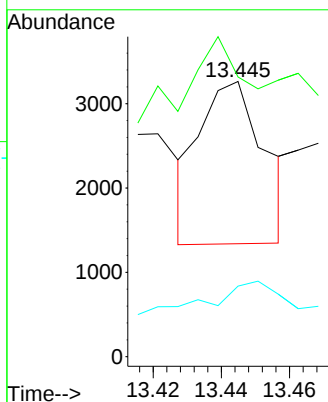
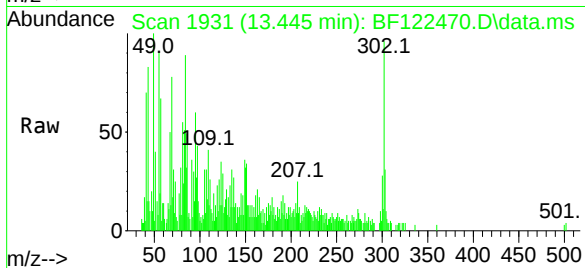
Instrument :

BNA_F

ClientSampleId :

MW-3DL

Tgt Ion:149	Resp:	2538
Ion Ratio	Lower	Upper
149	100	
91	101.6	61.0 91.4#
206	25.6	16.7 25.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.05 ng

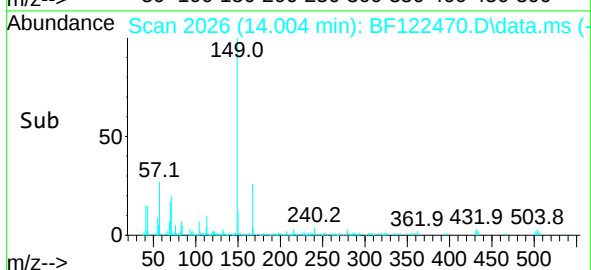
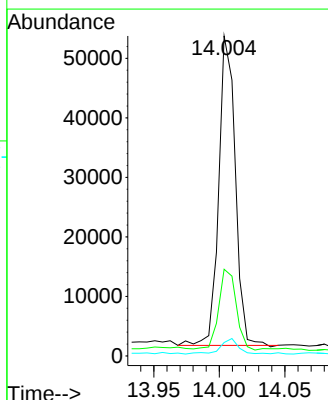
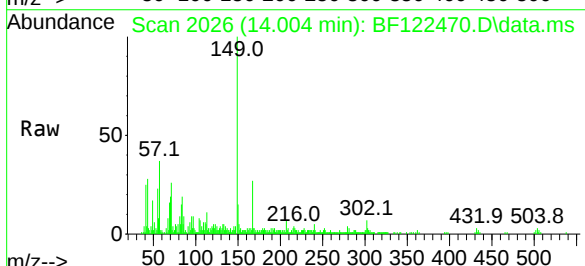
RT: 14.004 min Scan# 2026

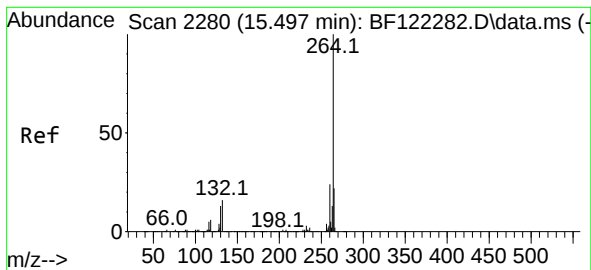
Delta R.T. -0.006 min

Lab File: BF122470.D

Acq: 24 Nov 2020 16:30

Tgt Ion:149	Resp:	45437
Ion Ratio	Lower	Upper
149	100	
167	27.1	20.9 31.3
279	4.2	3.2 4.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.012 min
 Lab File: BF122470.D
 Acq: 24 Nov 2020 16:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-3DL

Tgt Ion:264	Resp:	459724
Ion	Ratio	Lower Upper
264	100	
260	23.3	18.7 28.1
265	21.3	17.3 25.9

