

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
 Data File : BF125062.D
 Acq On : 11 Aug 2021 18:29
 Operator : JU/CG
 Sample : M3293-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20071

Quant Time: Aug 12 05:10:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

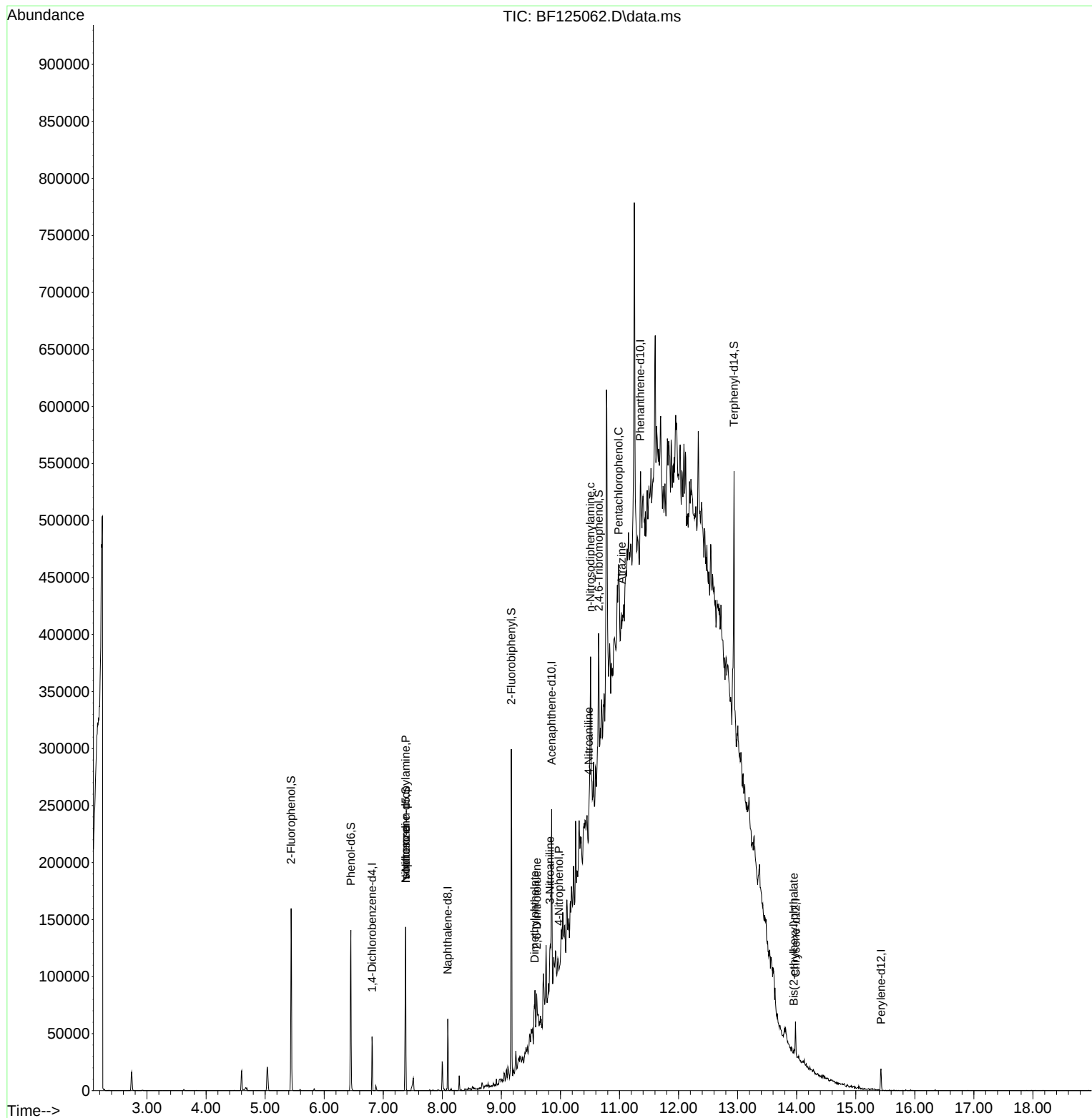
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	6926	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	25759	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	13903	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	18599	20.000	ng	# 0.02
76) Chrysene-d12	13.980	240	9029	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	9888	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	40911	96.761	ng	0.00
7) Phenol-d6	6.451	99	42757	80.200	ng	0.00
23) Nitrobenzene-d5	7.381	82	41528	84.337	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	12221	98.390	ng	0.01
45) 2-Fluorobiphenyl	9.169	172	80940	85.186	ng	0.00
79) Terphenyl-d14	12.939	244	67885	126.825	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	5423	17.143	ng	# 68
25) Isophorone	7.381	82	41526	49.411	ng	# 59
50) Dimethylphthalate	9.563	163	2403	2.551	ng	# 73
51) 2,6-Dinitrotoluene	9.598	165	2196	10.467	ng	# 26
53) 3-Nitroaniline	9.822	138	1299	5.879	ng	# 33
56) 4-Nitrophenol	9.975	139	906	6.220	ng	# 1
62) 4-Nitroaniline	10.480	138	469	2.186	ng	94
66) n-Nitrosodiphenylamine	10.510	169	1635	2.712	ng	# 78
69) Atrazine	11.039	200	793	4.378	ng	# 1
70) Pentachlorophenol	10.986	266	122	4.704	ng	# 17
84) Bis(2-ethylhexyl)phtha...	13.951	149	1304	2.970	ng	# 71

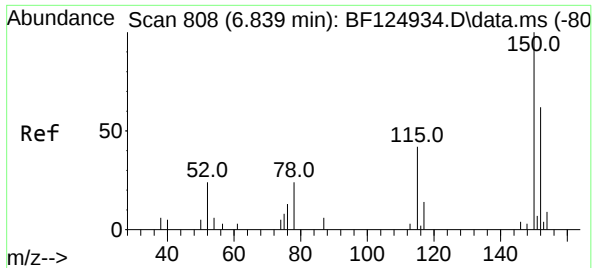
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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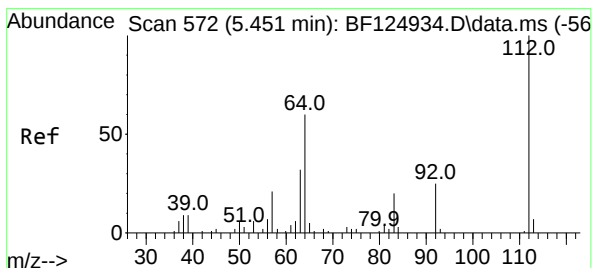
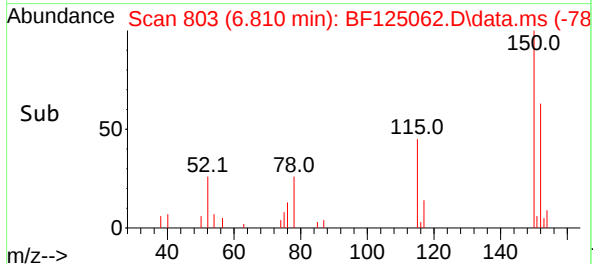
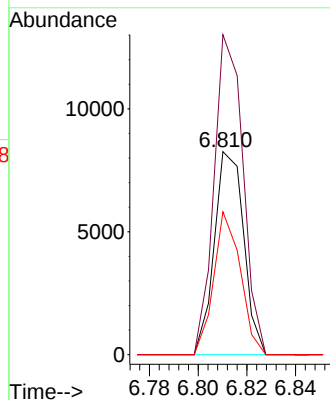
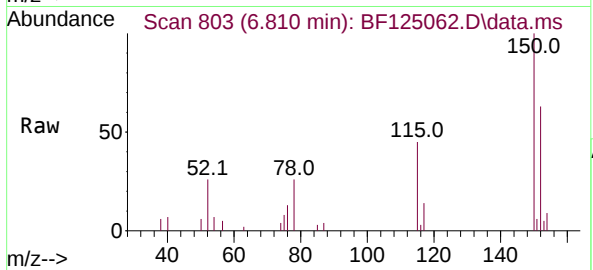




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

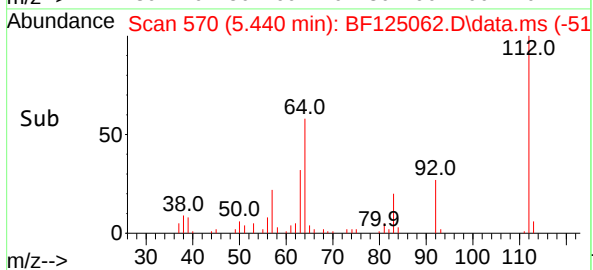
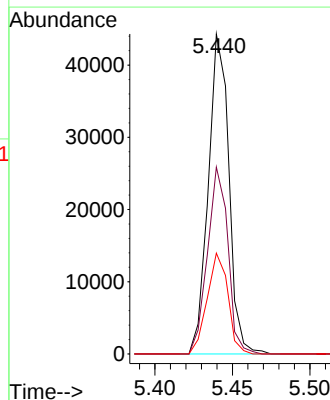
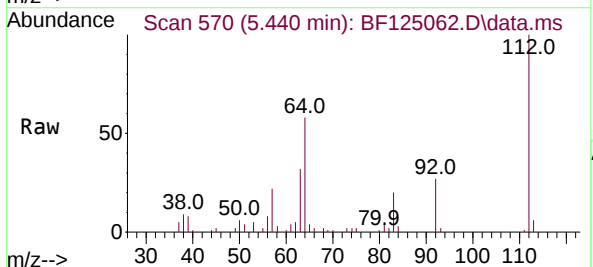
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BNA_F
ClientSampleId :
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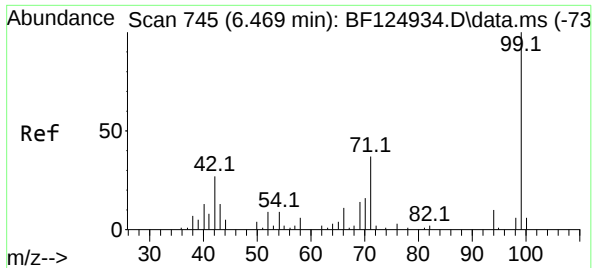
Tgt Ion:152 Resp: 6926
Ion Ratio Lower Upper
152 100
150 157.6 117.6 176.4
115 70.4 47.1 70.7



#5
2-Fluorophenol
Concen: 96.761 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

Tgt Ion:112 Resp: 40911
Ion Ratio Lower Upper
112 100
64 58.4 44.2 66.2
63 31.5 26.2 39.2

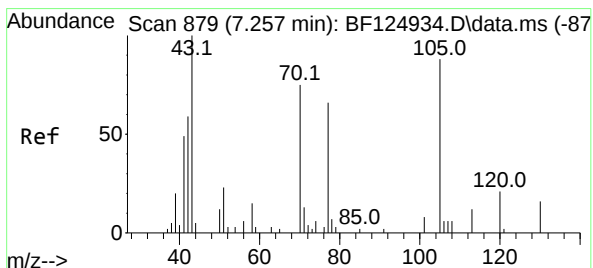
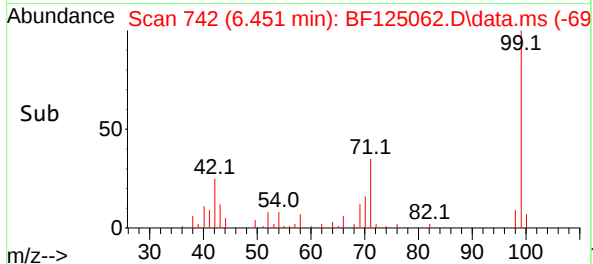
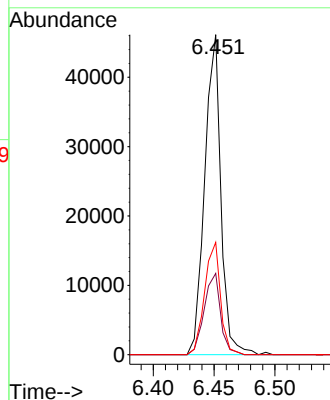
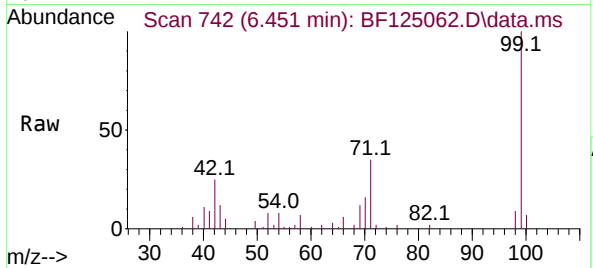




#7
Phenol-d6
Concen: 80.200 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

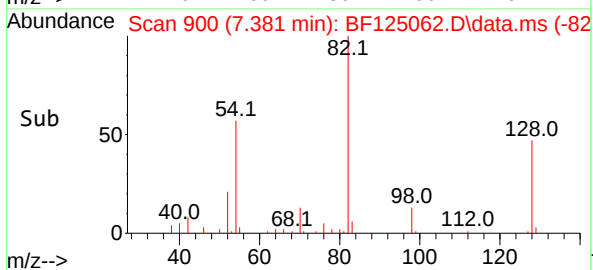
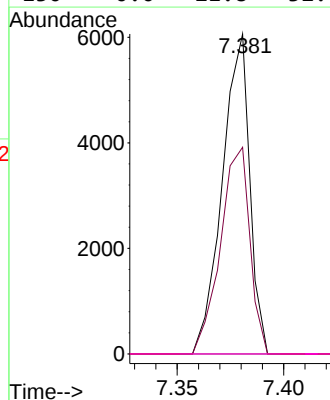
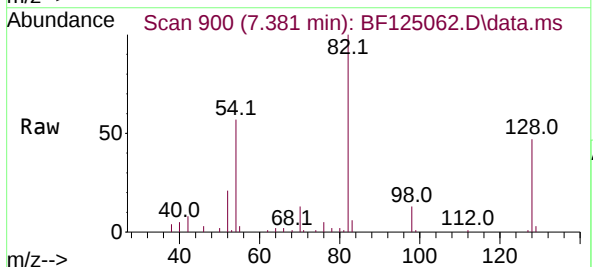
Instrument :
BNA_F
ClientSampleId :
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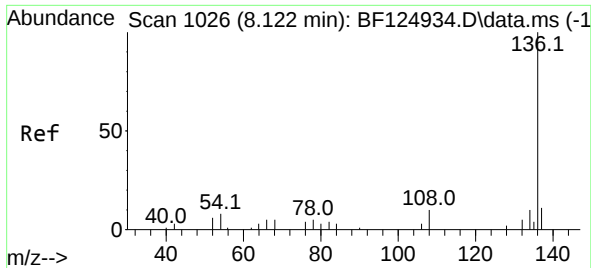
Tgt Ion:	99	Resp:	42757
Ion	Ratio	Lower	Upper
99	100		
42	25.4	23.5	35.3
71	35.1	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.143 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.153 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

Tgt Ion:	70	Resp:	5423
Ion	Ratio	Lower	Upper
70	100		
42	64.6	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

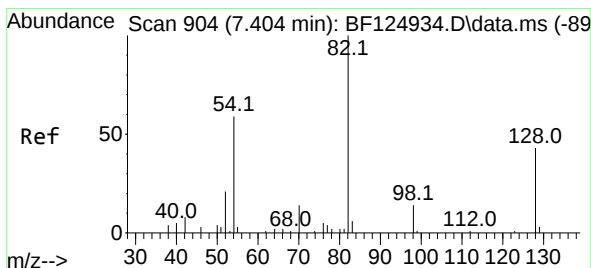
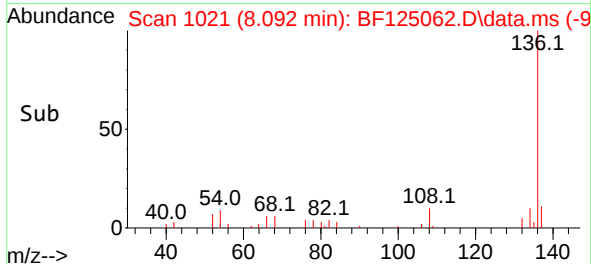
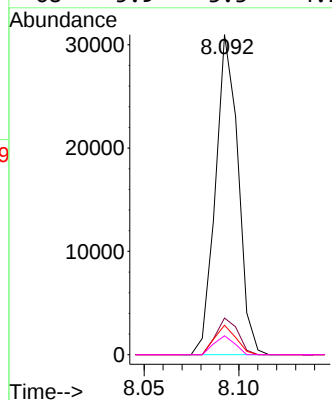
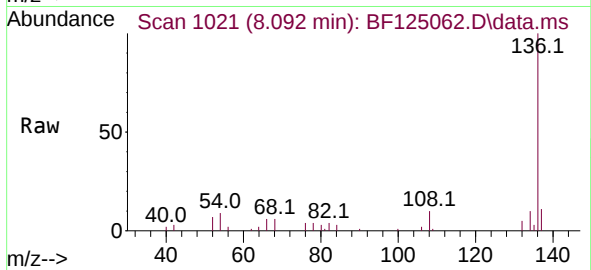




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

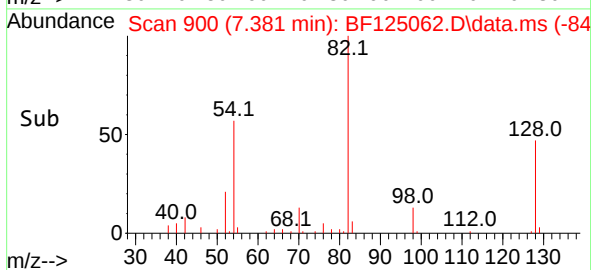
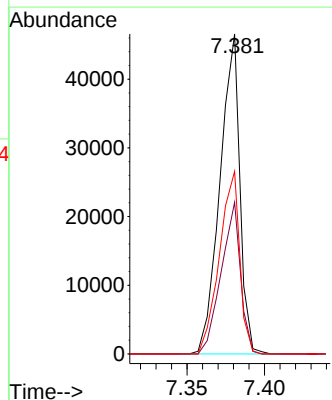
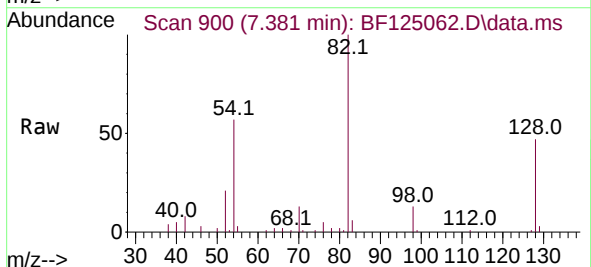
Instrument :
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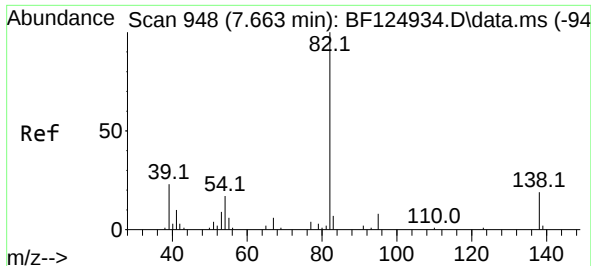
Tgt Ion:136	Resp:	25759
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.8 14.6
54	9.2	6.4 9.6
68	5.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 84.337 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

Tgt Ion: 82	Resp:	41528
Ion Ratio	Lower	Upper
82	100	
128	47.4	40.6 60.8
54	57.0	49.6 74.4

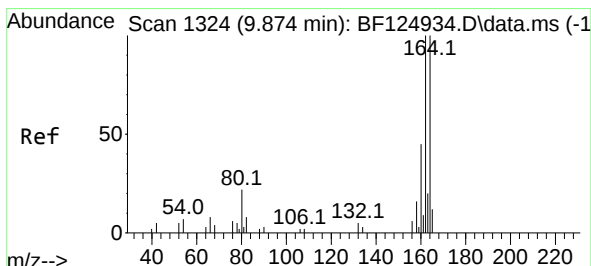
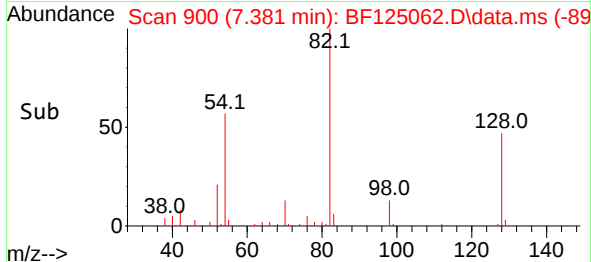
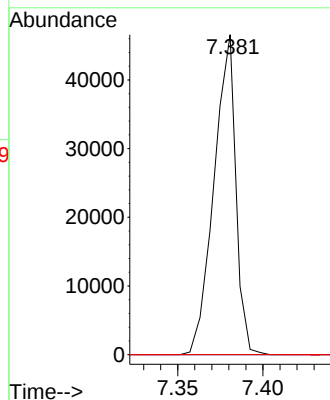
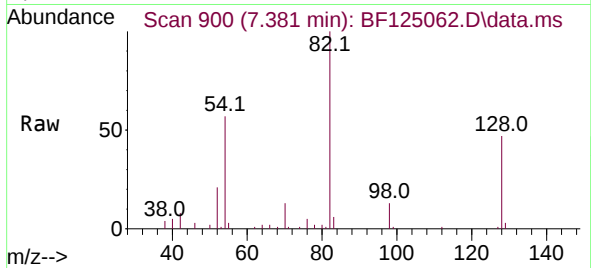




#25
Isophorone
Concen: 49.411 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.259 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

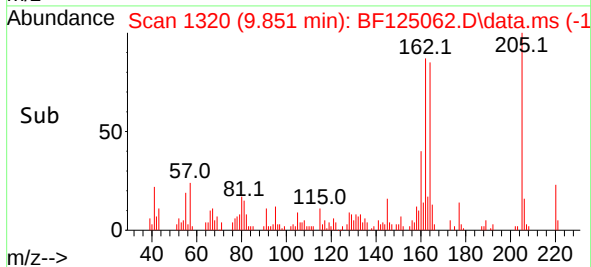
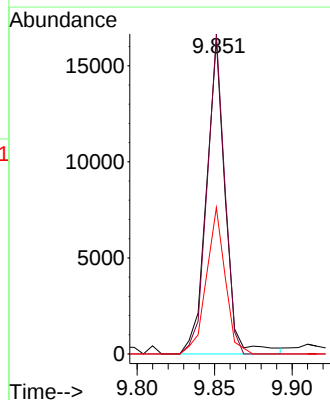
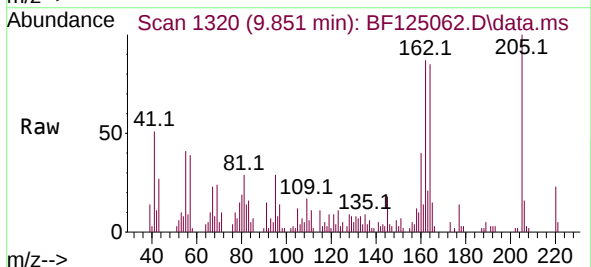
Instrument :
BNA_F
ClientSampleId :
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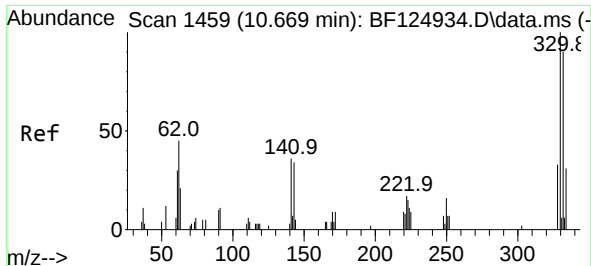
Tgt Ion: 82 Resp: 41526
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

Tgt Ion: 164 Resp: 13903
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 46.5 38.0 57.0

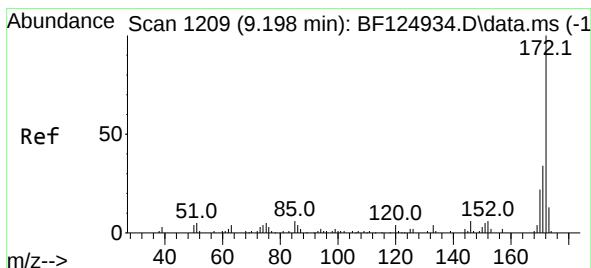
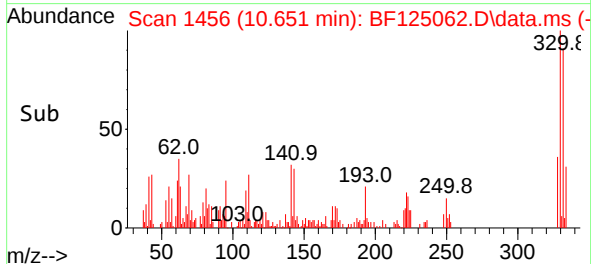
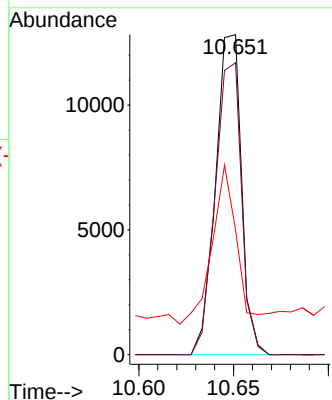
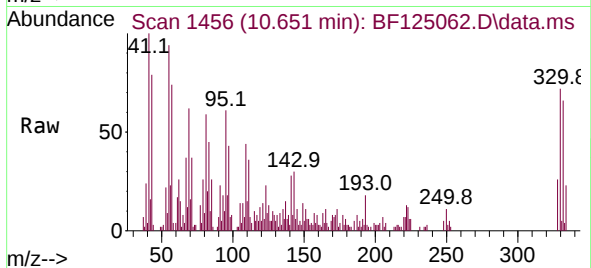




#42
2,4,6-Tribromophenol
Concen: 98.390 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

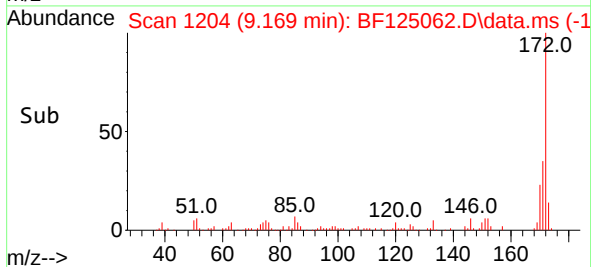
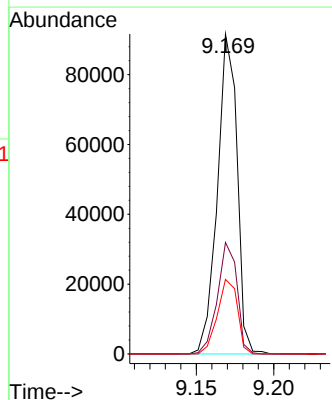
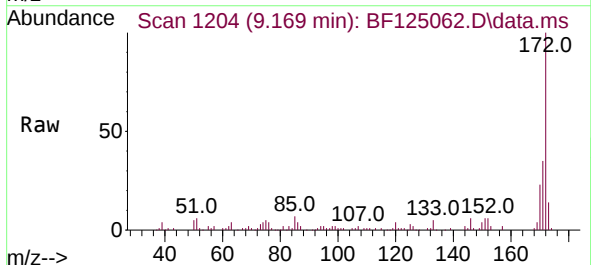
Instrument :
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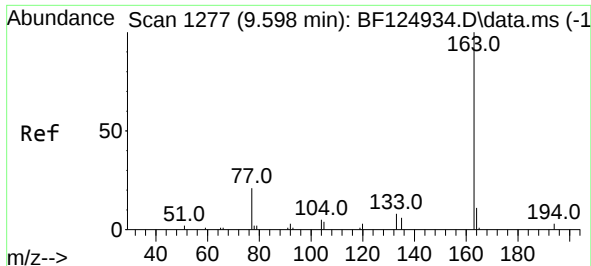
Tgt Ion:330 Resp: 12221
Ion Ratio Lower Upper
330 100
332 92.6 76.2 114.4
141 45.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 85.186 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

Tgt Ion:172 Resp: 80940
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.3 18.8 28.2

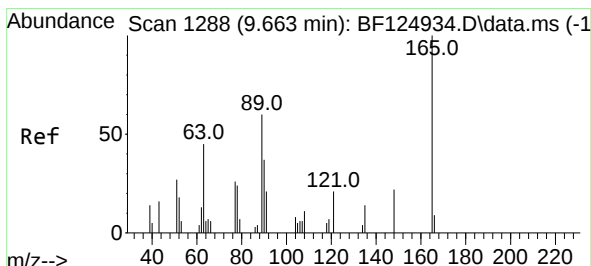
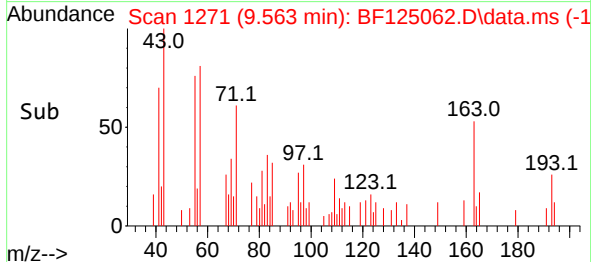
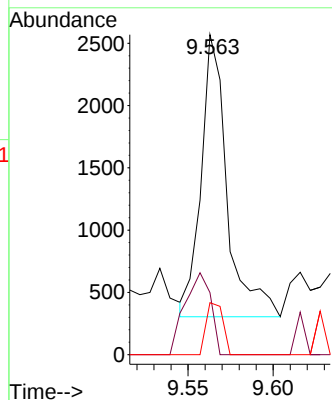
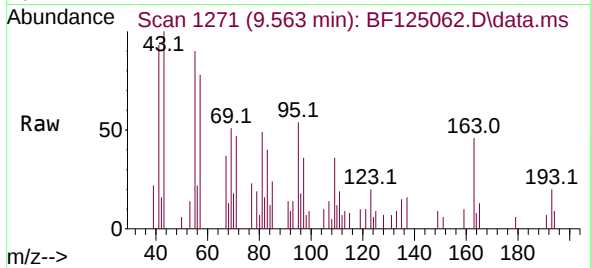




#50
Dimethylphthalate
Concen: 2.551 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

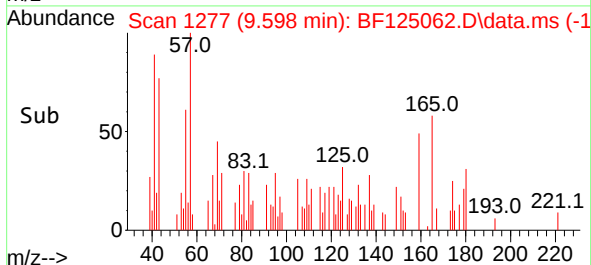
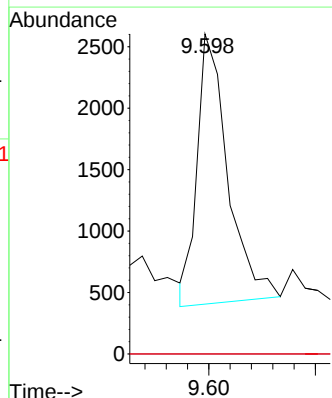
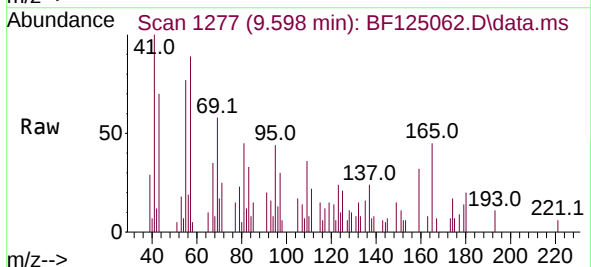
Instrument :
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ClientSampled :
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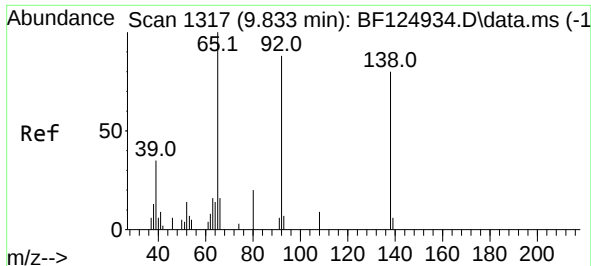
Tgt Ion:163 Resp: 2403
Ion Ratio Lower Upper
163 100
194 19.4 2.6 3.8#
164 16.3 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 10.467 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.041 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

Tgt Ion:165 Resp: 2196
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

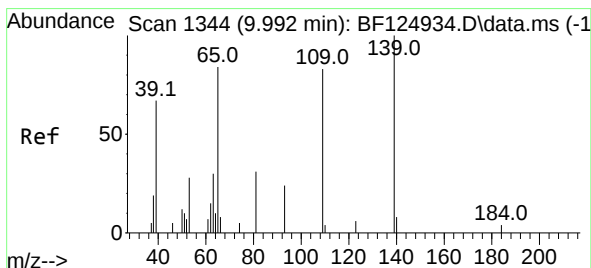
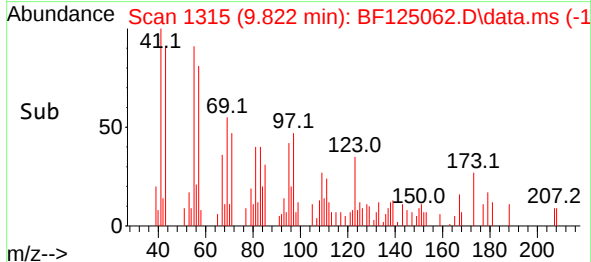
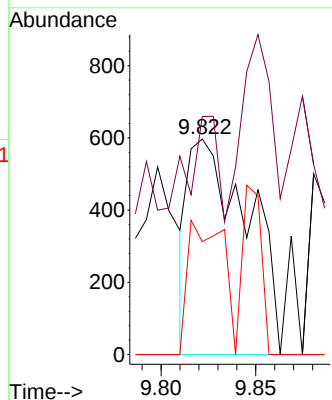
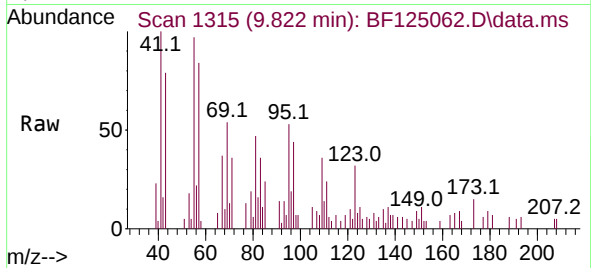




#53
3-Nitroaniline
Concen: 5.879 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.012 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

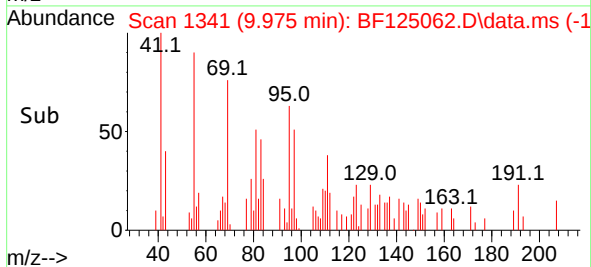
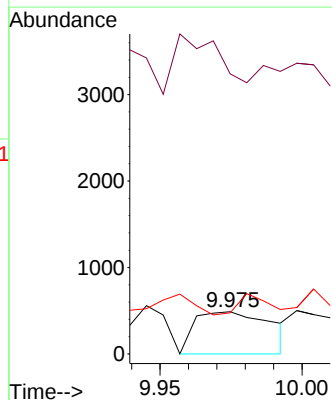
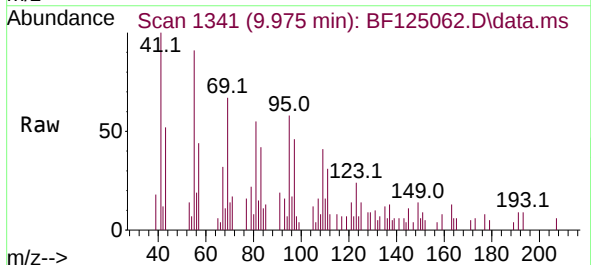
Instrument :
BNA_F
ClientSampled :
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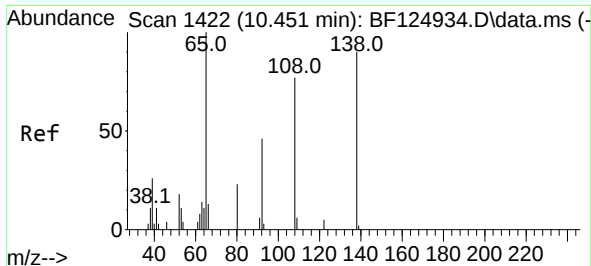
Tgt Ion:138 Resp: 1299
Ion Ratio Lower Upper
138 100
108 110.4 9.3 13.9#
92 52.4 76.5 114.7#



#56
4-Nitrophenol
Concen: 6.220 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

Tgt Ion:139 Resp: 906
Ion Ratio Lower Upper
139 100
109 662.6 60.4 100.4#
65 97.1 58.4 98.4

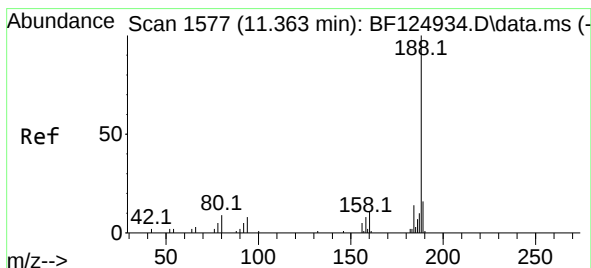
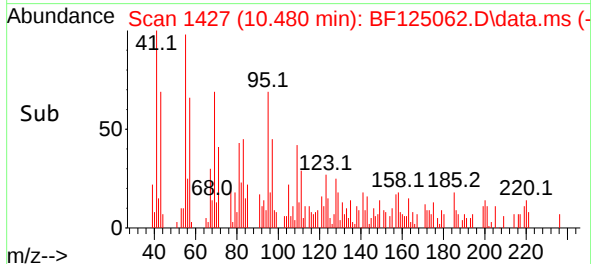
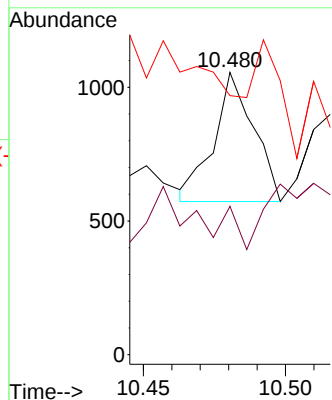
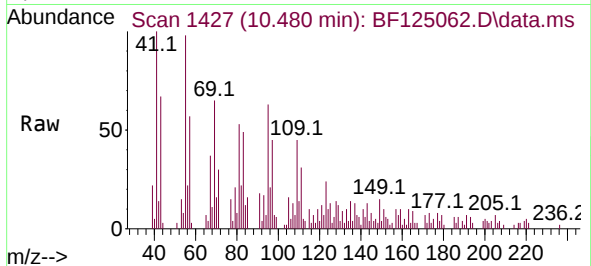




#62
4-Nitroaniline
Concen: 2.186 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.059 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

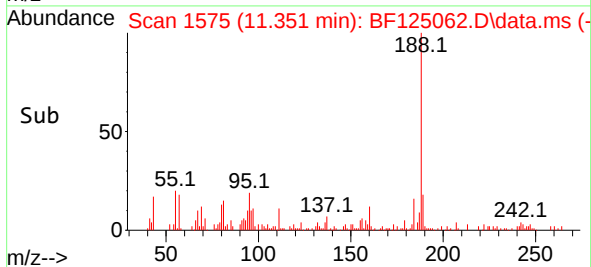
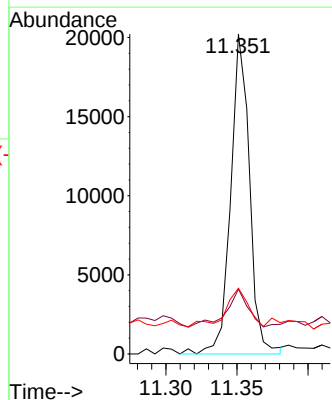
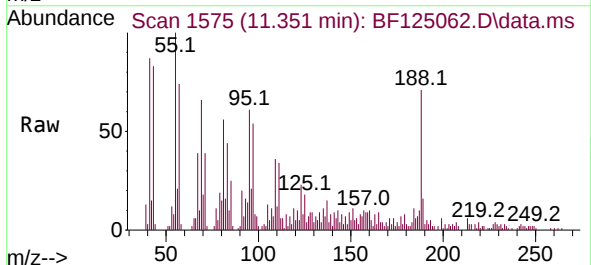
Instrument :
BNA_F
ClientSampled :
20071

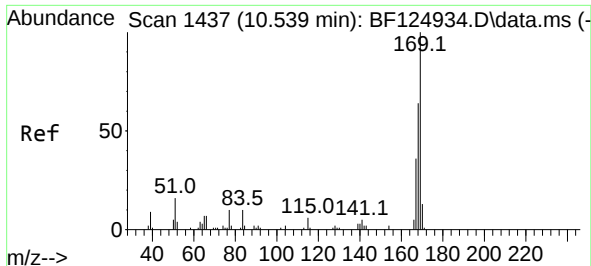
Tgt Ion:138 Resp: 469
Ion Ratio Lower Upper
138 100
92 52.6 29.6 69.6
108 91.8 78.1 118.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.018 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

Tgt Ion:188 Resp: 18599
Ion Ratio Lower Upper
188 100
94 20.3 6.7 10.1#
80 20.6 7.5 11.3#

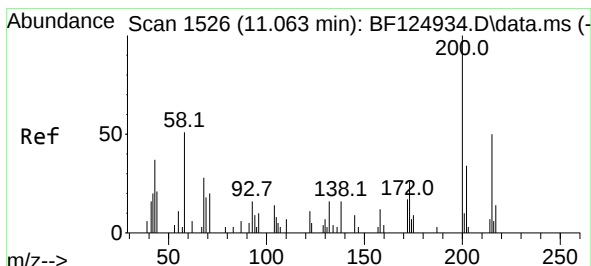
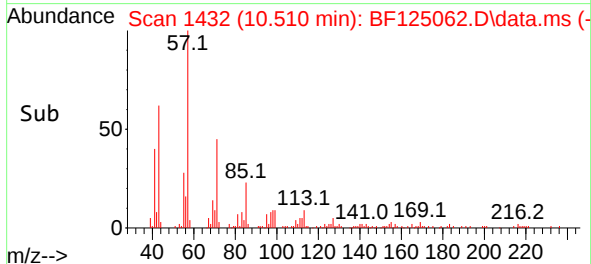
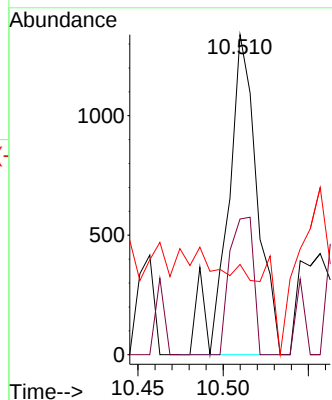
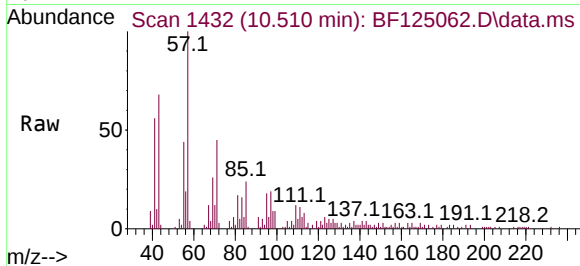




#66
n-Nitrosodiphenylamine
Concen: 2.712 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

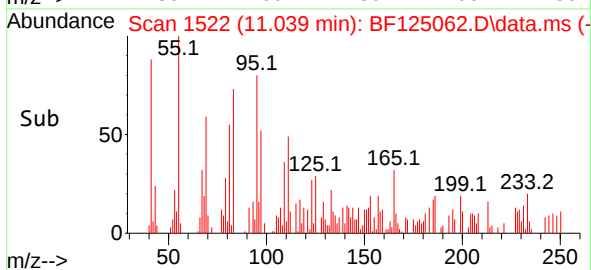
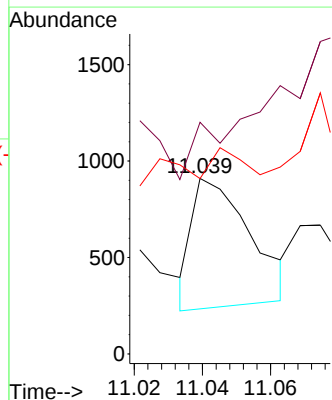
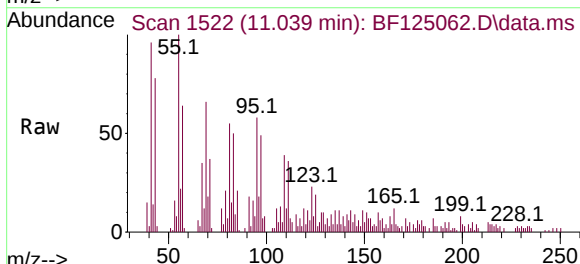
Instrument :
BNA_F
ClientSampled :
20071

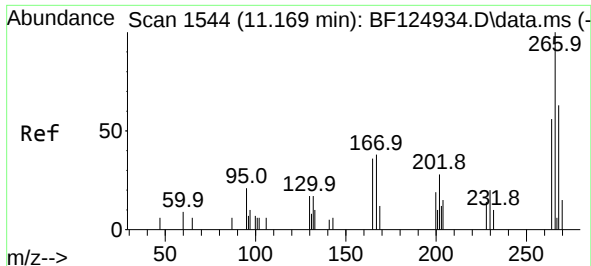
Tgt Ion:169 Resp: 1635
Ion Ratio Lower Upper
169 100
168 42.4 50.8 76.2#
167 28.2 28.8 43.2#



#69
Atrazine
Concen: 4.378 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BF125062.D
Acq: 11 Aug 2021 18:29

Tgt Ion:200 Resp: 793
Ion Ratio Lower Upper
200 100
173 132.0 11.1 51.1#
215 99.9 22.7 62.7#

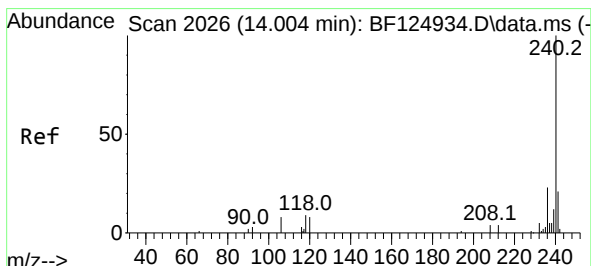
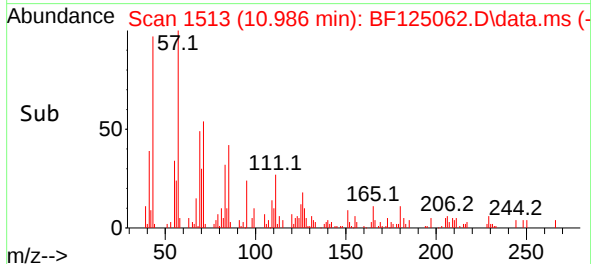
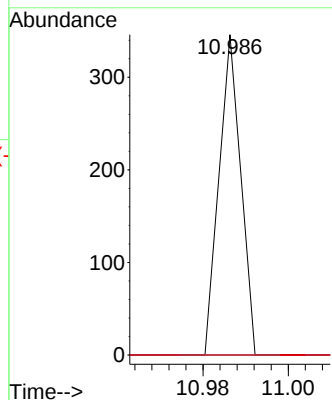
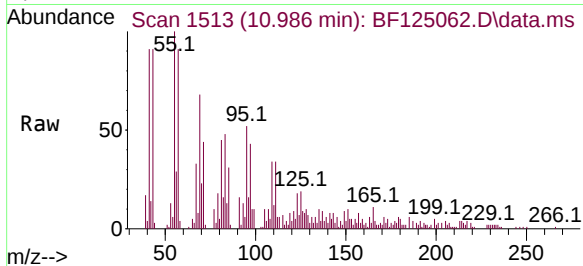




#70
 Pentachlorophenol
 Concen: 4.704 ng
 RT: 10.986 min Scan# 1513
 Delta R.T. -0.153 min
 Lab File: BF125062.D
 Acq: 11 Aug 2021 18:29

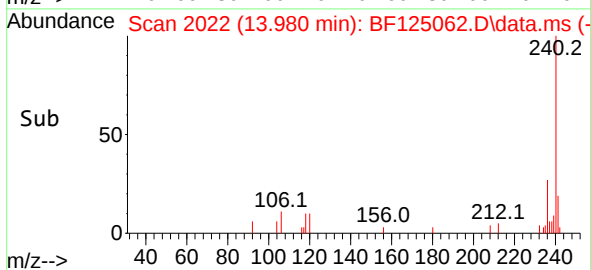
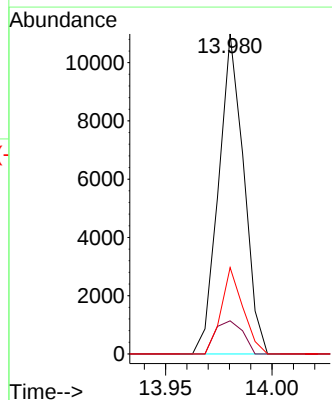
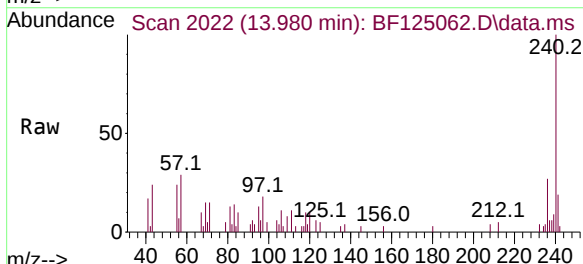
Instrument :
 BNA_F
 ClientSampleId :
 20071

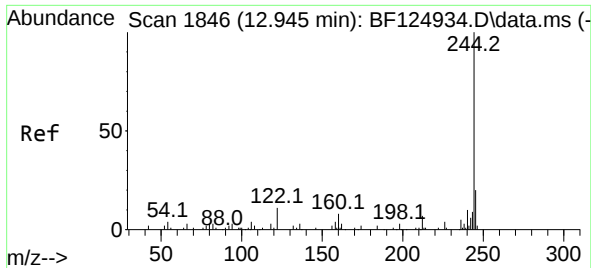
Tgt Ion:266 Resp: 122
 Ion Ratio Lower Upper
 266 100
 268 0.0 48.9 73.3#
 264 0.0 55.9 83.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. 0.006 min
 Lab File: BF125062.D
 Acq: 11 Aug 2021 18:29

Tgt Ion:240 Resp: 9029
 Ion Ratio Lower Upper
 240 100
 120 10.3 10.8 16.2#
 236 27.0 21.6 32.4

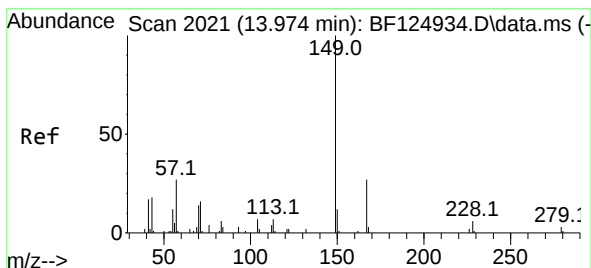
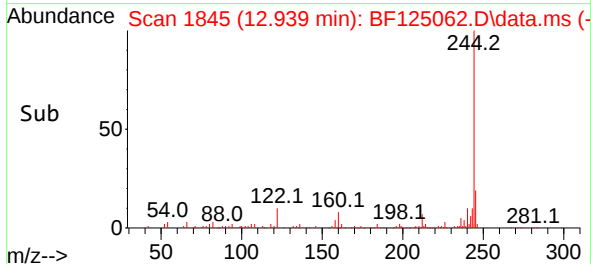
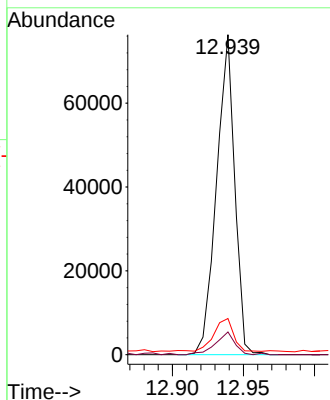
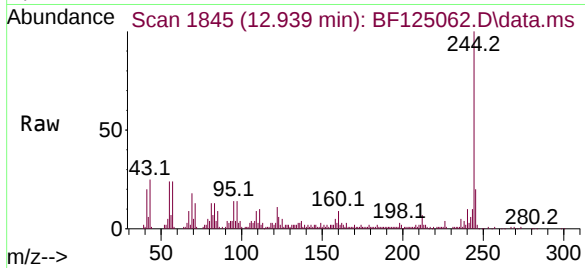




#79
 Terphenyl-d14
 Concen: 126.825 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.024 min
 Lab File: BF125062.D
 Acq: 11 Aug 2021 18:29

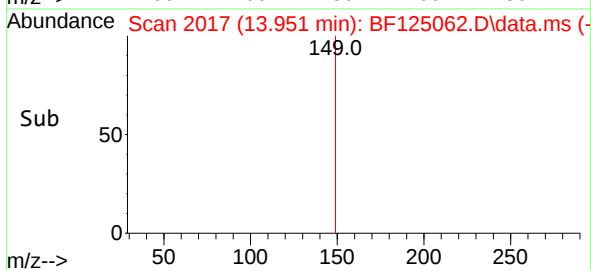
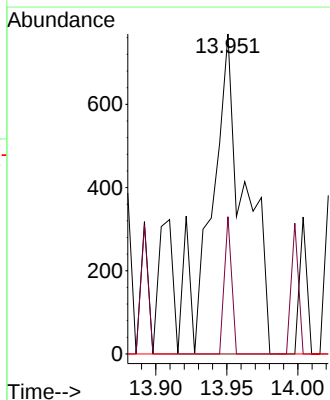
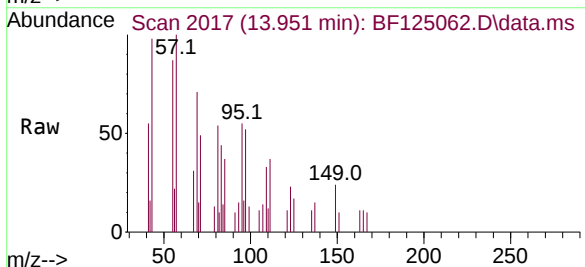
Instrument :
 BNA_F
 ClientSampled :
 20071

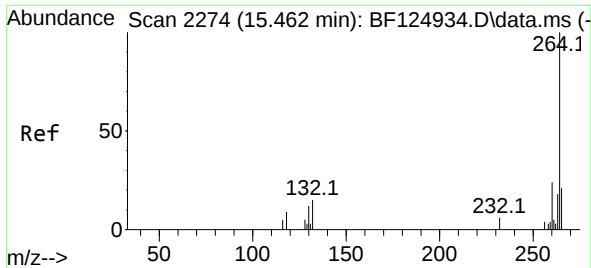
Tgt Ion:244 Resp: 67885
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.3 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.970 ng
 RT: 13.951 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: BF125062.D
 Acq: 11 Aug 2021 18:29

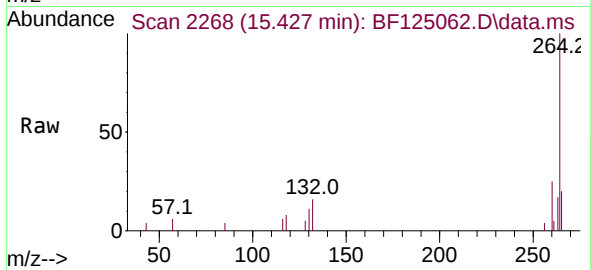
Tgt Ion:149 Resp: 1304
 Ion Ratio Lower Upper
 149 100
 167 42.9 21.4 32.0#
 279 0.0 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.012 min
 Lab File: BF125062.D
 Acq: 11 Aug 2021 18:29

Instrument :
 BNA_F
 ClientSampleId :
 20071



Tgt Ion: 264 Resp: 9888

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	19.5	17.2	25.8

