

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
 Data File : BF126152.D
 Acq On : 12 Nov 2021 12:37
 Operator : JU/CG
 Sample : M4607-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 207

Quant Time: Nov 15 06:35:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

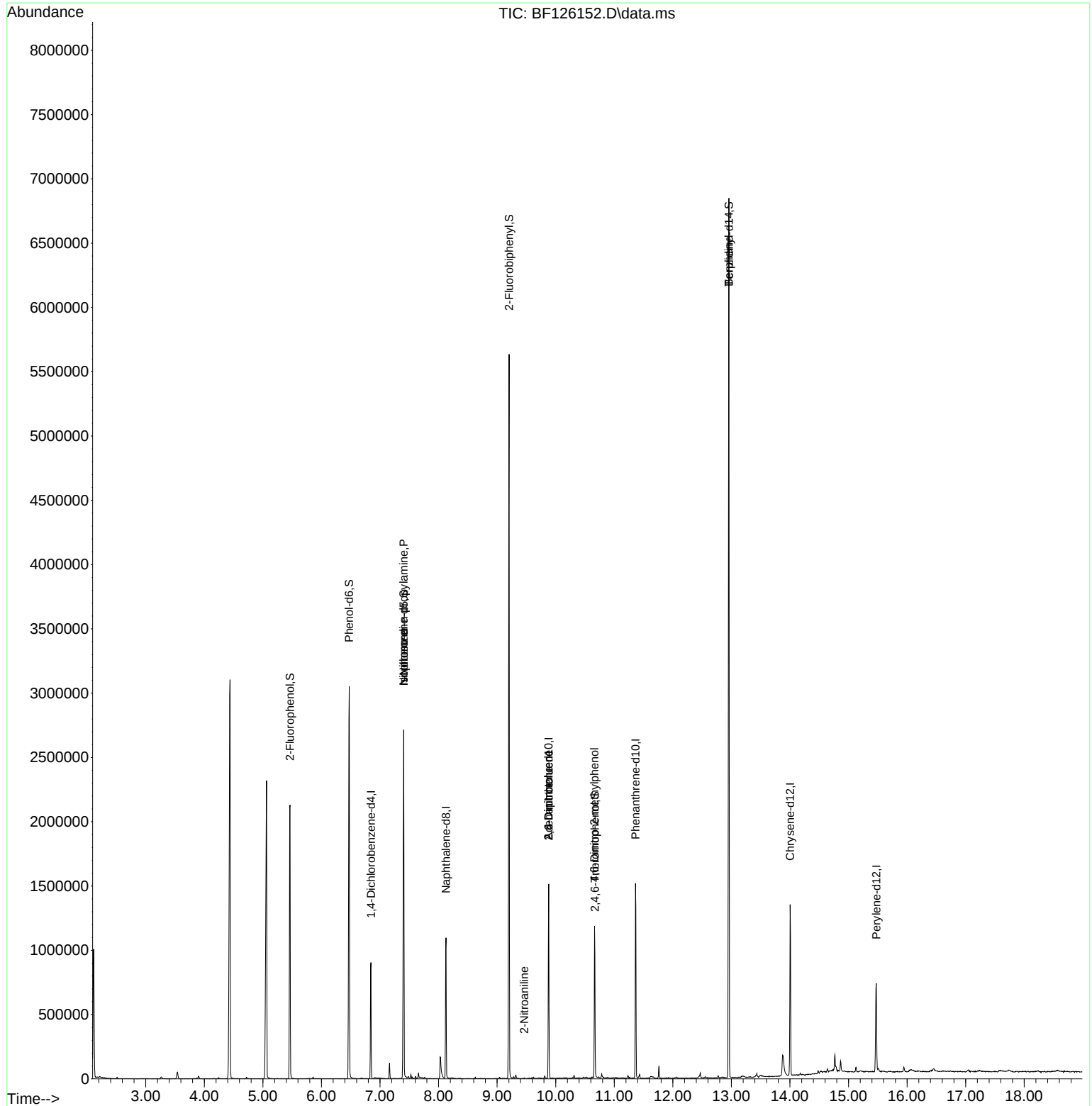
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	124187	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	456761	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	282119	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	548596	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	443108	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	314768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	488964	67.615	ng	0.00
7) Phenol-d6	6.475	99	901381	88.421	ng	-0.01
23) Nitrobenzene-d5	7.404	82	779416	80.474	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	128655	39.793	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1561664	74.804	ng	-0.01
79) Terphenyl-d14	12.957	244	2115531	76.988	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	1795	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	113875	16.944	ng	# 61
25) Isophorone	7.404	82	773918	44.382	ng	# 59
48) 2-Nitroaniline	9.463	65	113	2.868	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	34940	9.924	ng	# 29
57) 2,4-Dinitrotoluene	9.880	165	34940	9.600	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.663	198	333	8.421	ng	# 1
77) Benzidine	12.957	184	33189	2.241	ng	97

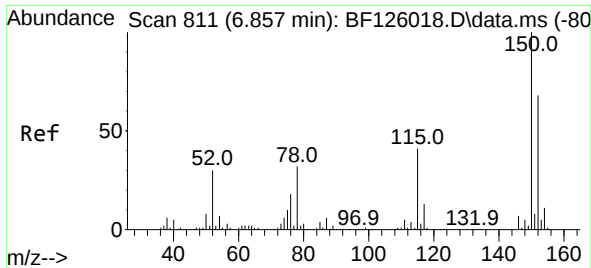
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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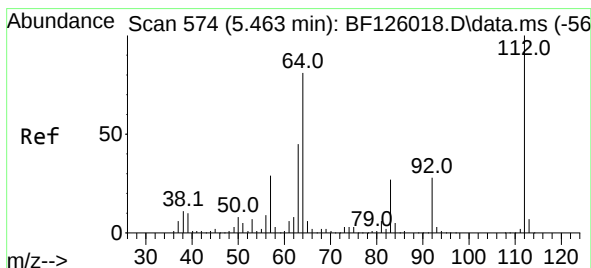
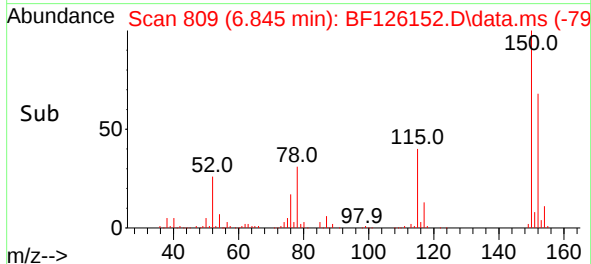
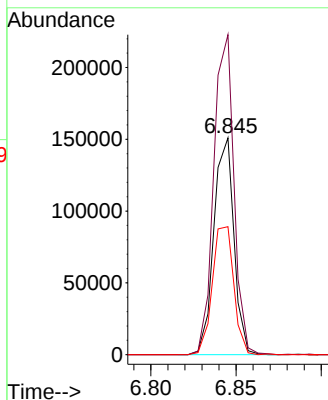
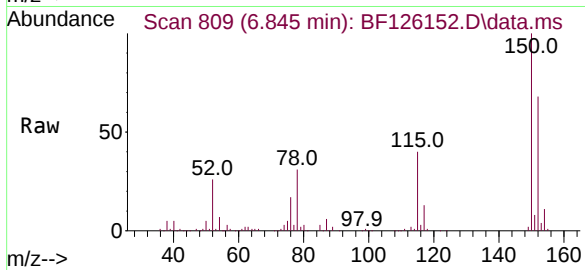




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

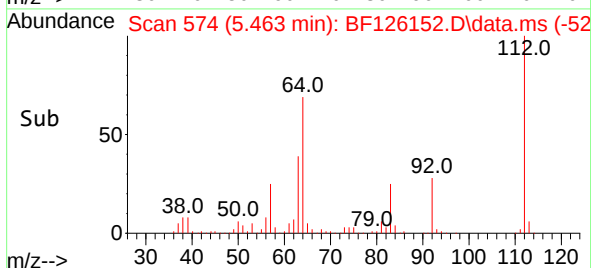
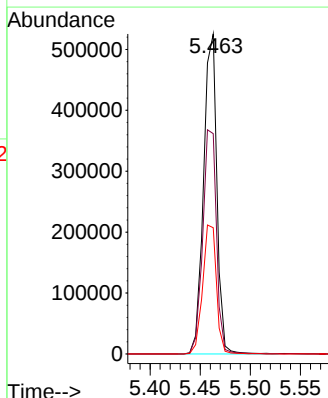
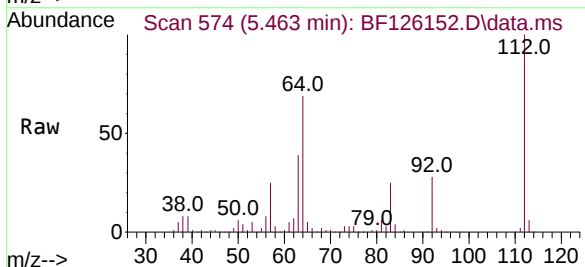
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BNA_F
ClientSampleId :
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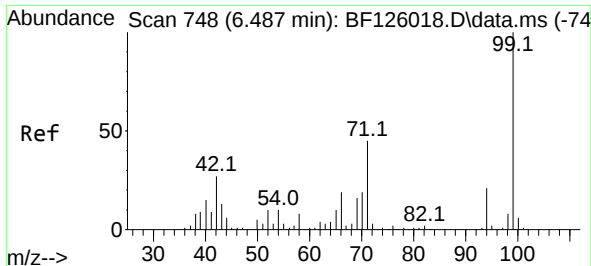
Tgt Ion:152 Resp: 124187
Ion Ratio Lower Upper
152 100
150 147.5 117.6 176.4
115 59.0 47.1 70.7



#5
2-Fluorophenol
Concen: 67.615 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

Tgt Ion:112 Resp: 488964
Ion Ratio Lower Upper
112 100
64 68.8 44.2 66.2#
63 39.5 26.2 39.2#

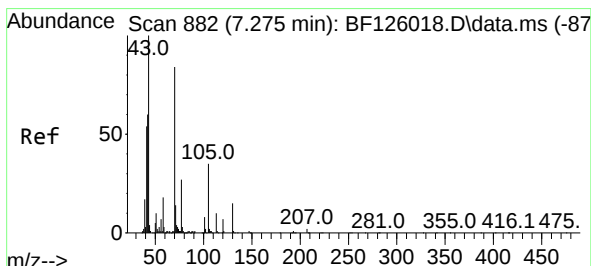
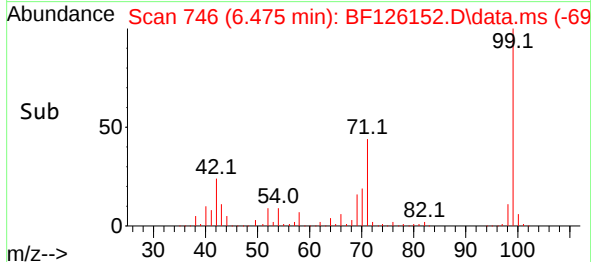
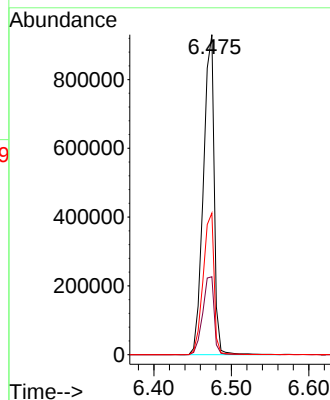
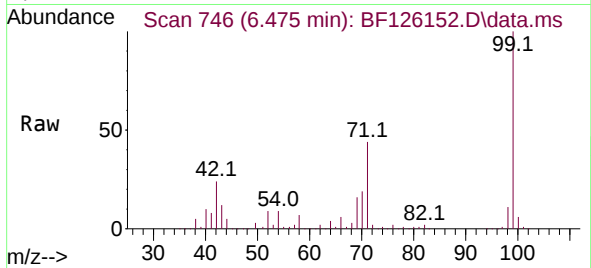




#7
Phenol-d6
Concen: 88.421 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

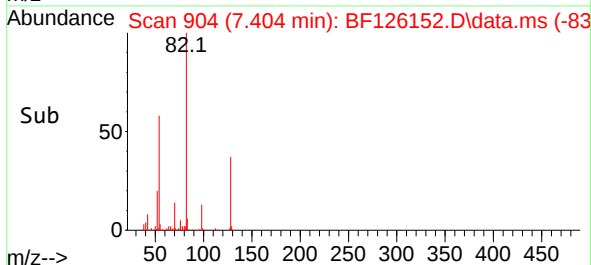
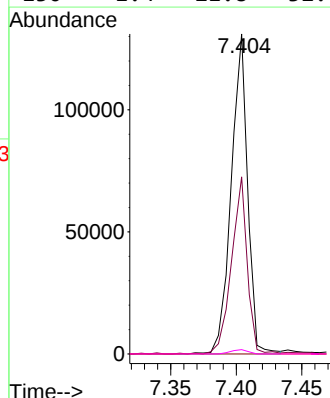
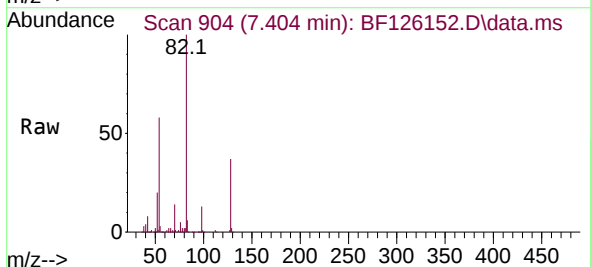
Instrument :
BNA_F
ClientSampleId :
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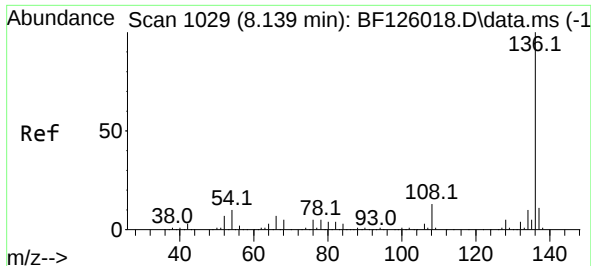
Tgt Ion: 99 Resp: 901381
Ion Ratio Lower Upper
99 100
42 24.3 23.5 35.3
71 44.2 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 16.944 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

Tgt Ion: 70 Resp: 113875
Ion Ratio Lower Upper
70 100
42 55.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.4 21.8 32.6#

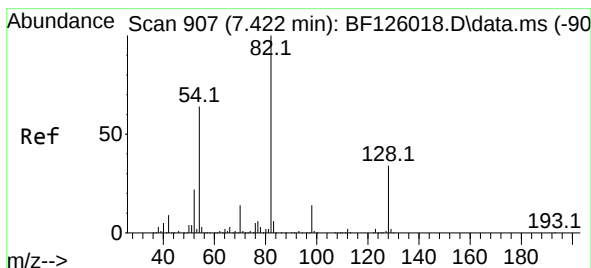
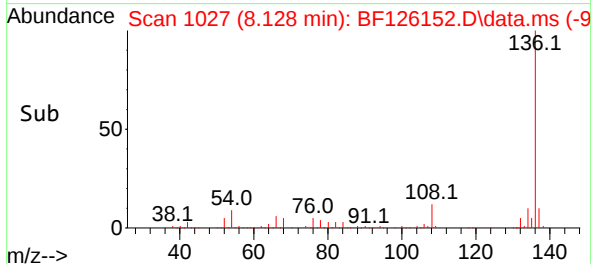
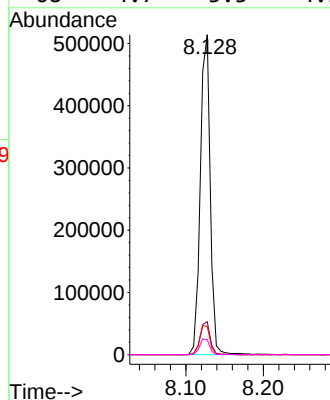
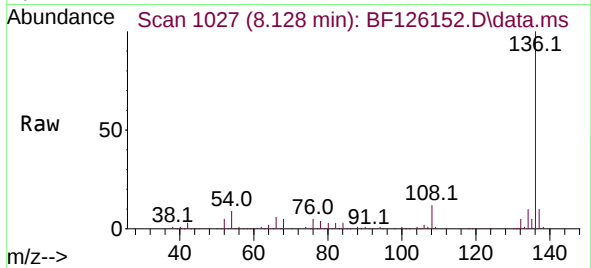




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

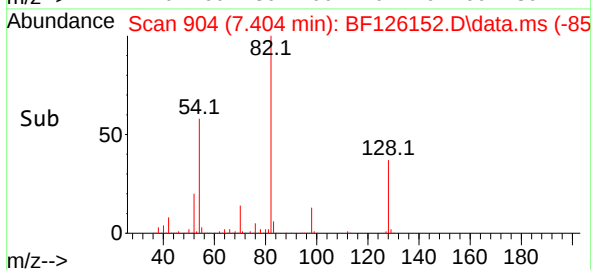
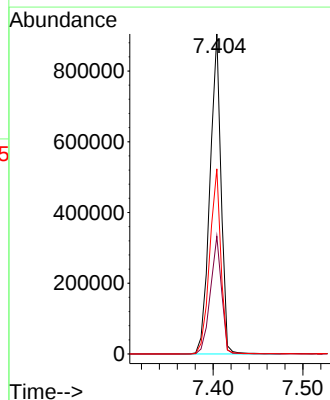
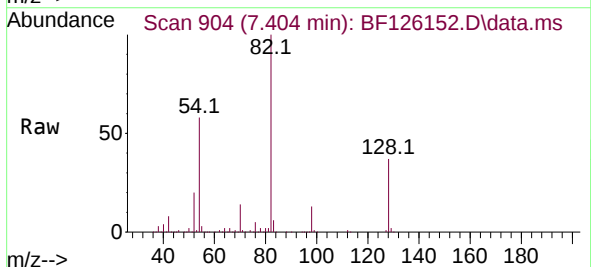
Instrument :
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ClientSampleId :
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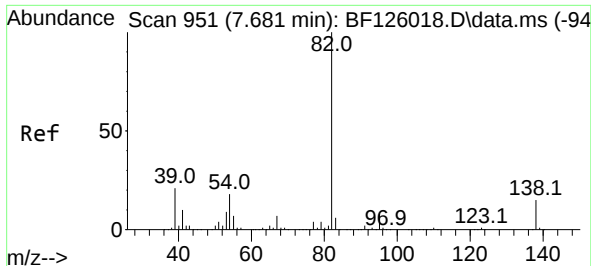
Tgt Ion:136 Resp: 456761
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 8.9 6.4 9.6
68 4.7 3.3 4.9



#23
Nitrobenzene-d5
Concen: 80.474 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

Tgt Ion: 82 Resp: 779416
Ion Ratio Lower Upper
82 100
128 36.8 40.6 60.8#
54 57.8 49.6 74.4

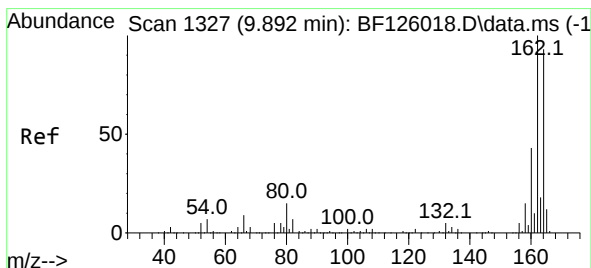
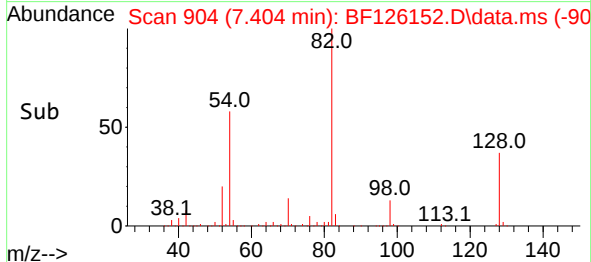
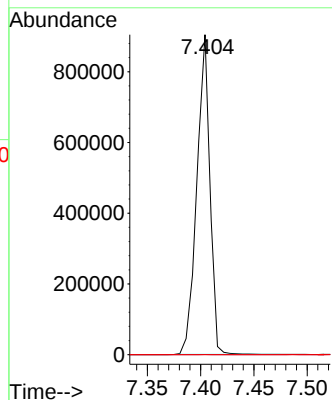
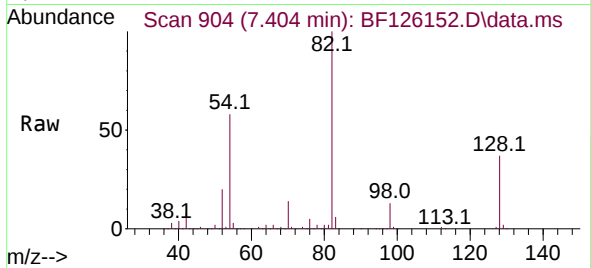




#25
Isophorone
Concen: 44.382 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.277 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

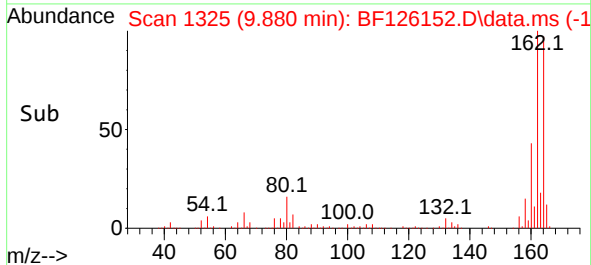
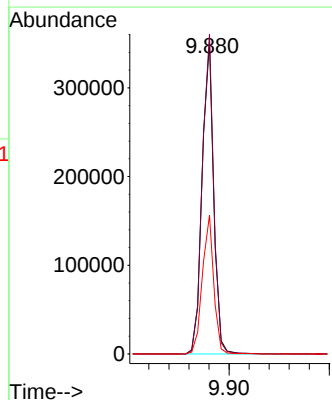
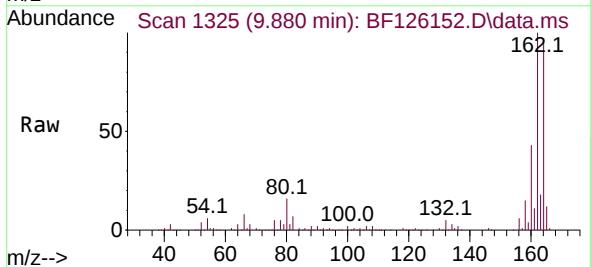
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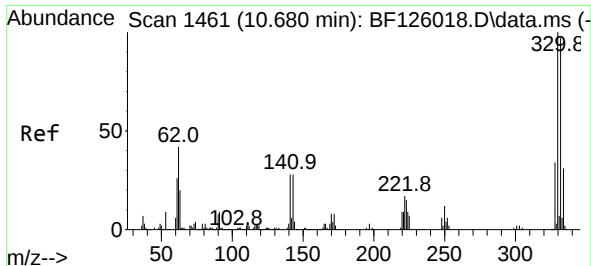
Tgt Ion: 82 Resp: 773918
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

Tgt Ion: 164 Resp: 282119
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 44.5 38.0 57.0

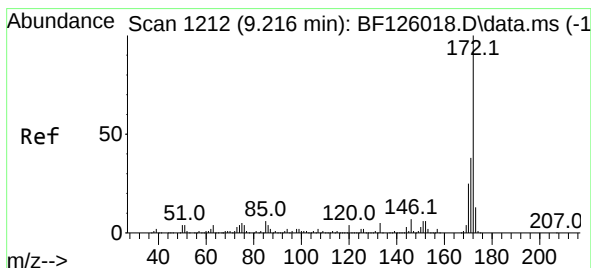
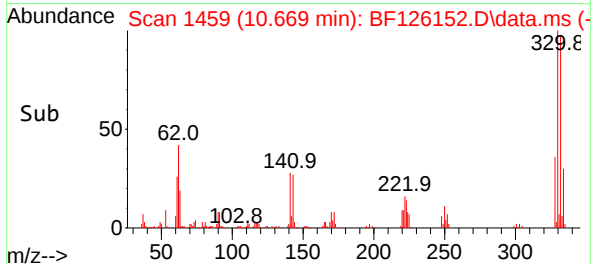
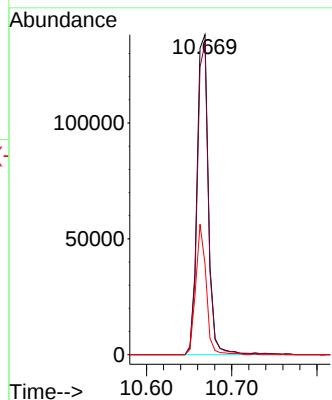
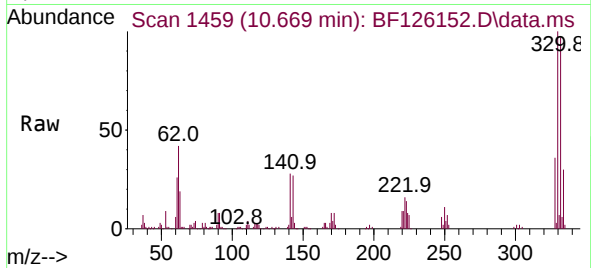




#42
2,4,6-Tribromophenol
Concen: 39.793 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

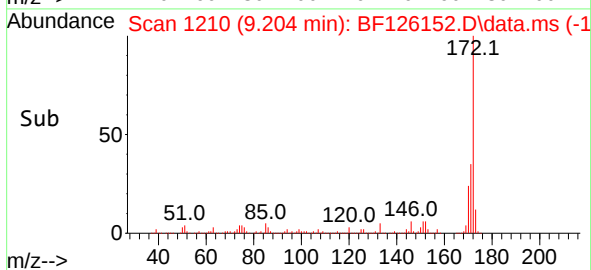
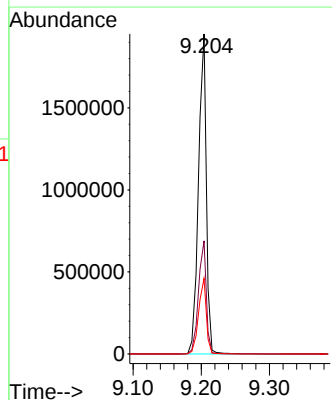
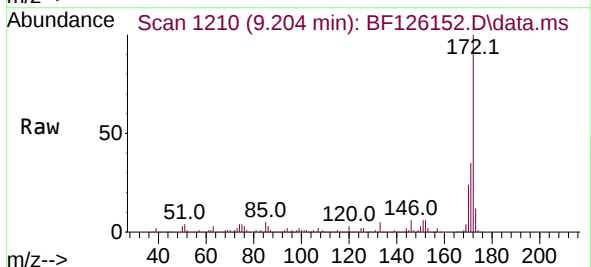
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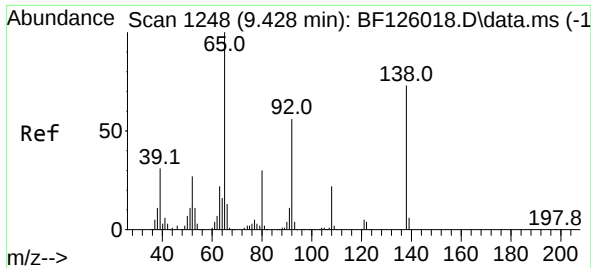
Tgt Ion:330 Resp: 128655
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 37.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 74.804 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

Tgt Ion:172 Resp: 1561664
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.6 18.8 28.2

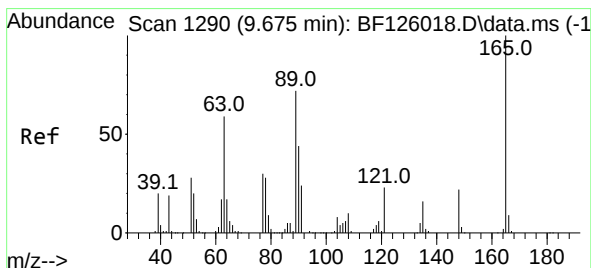
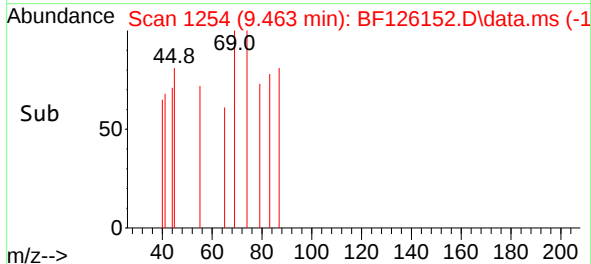
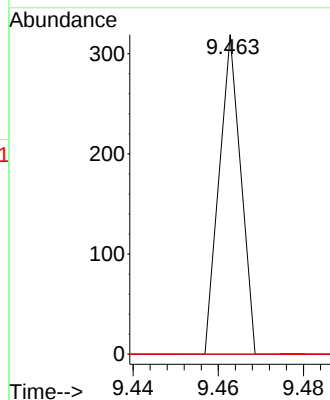
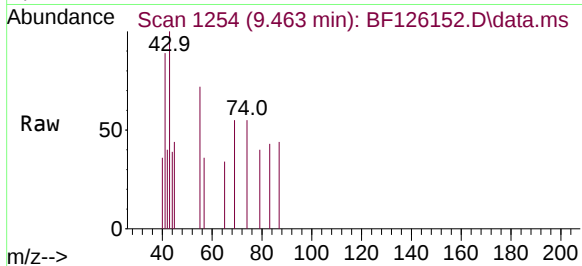




#48
2-Nitroaniline
Concen: 2.868 ng
RT: 9.463 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

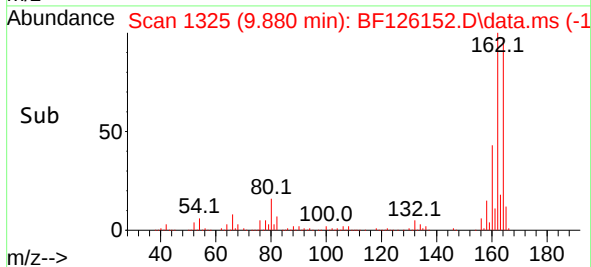
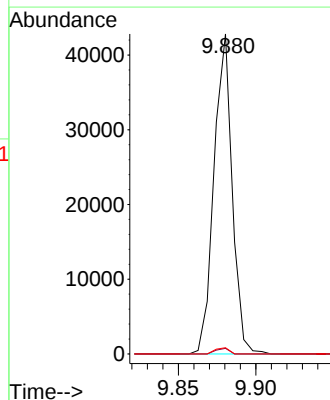
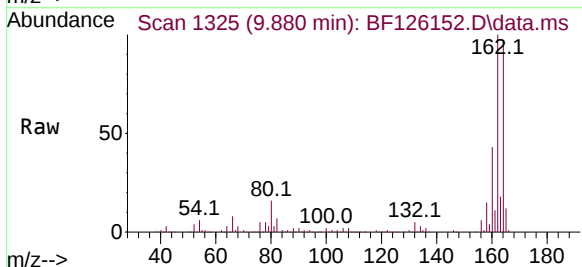
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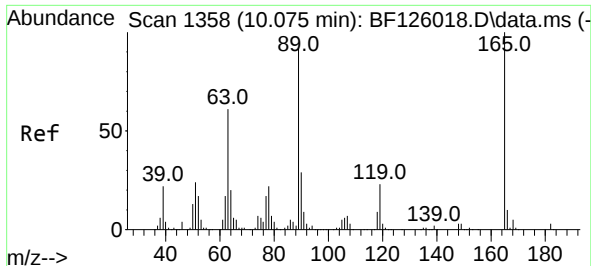
Tgt Ion: 65 Resp: 113
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 9.924 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.205 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

Tgt Ion: 165 Resp: 34940
Ion Ratio Lower Upper
165 100
63 1.7 42.6 63.8#
89 2.0 40.6 60.8#

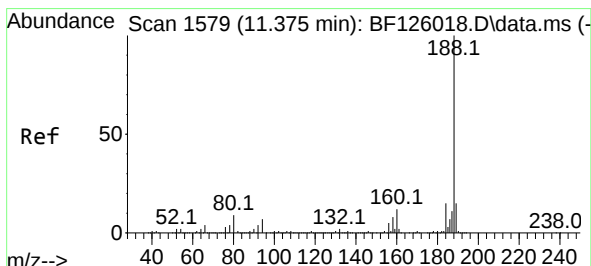
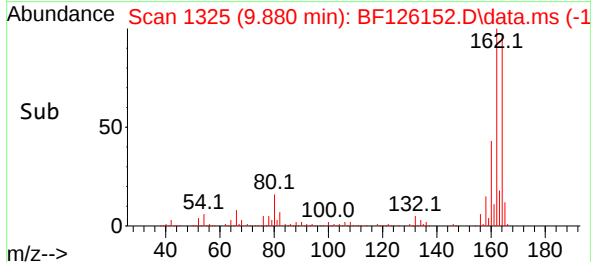
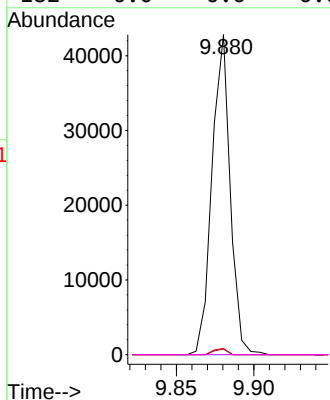
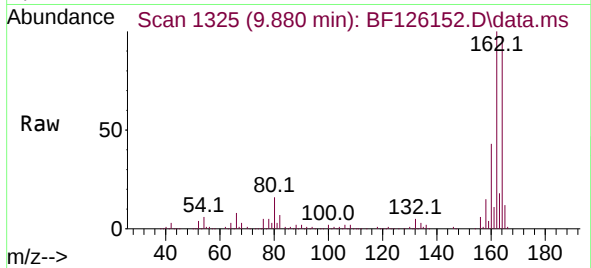




#57
2,4-Dinitrotoluene
Concen: 9.600 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.195 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

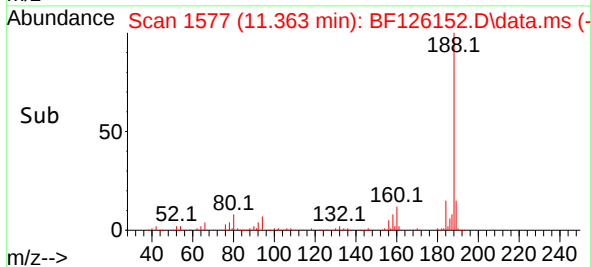
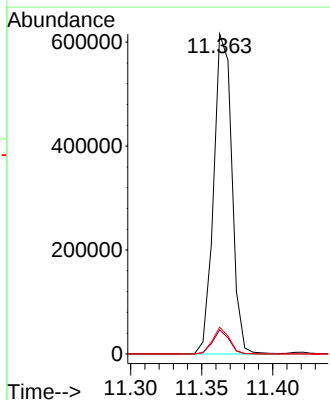
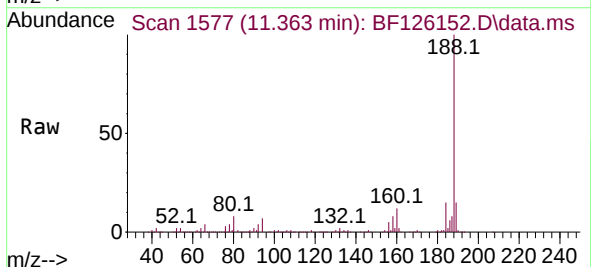
Instrument :
BNA_F
ClientSampleId :
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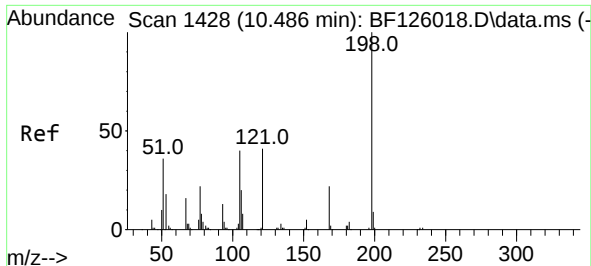
Tgt Ion:165 Resp: 34940
Ion Ratio Lower Upper
165 100
63 1.7 40.9 61.3#
89 2.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

Tgt Ion:188 Resp: 548596
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.4 7.5 11.3

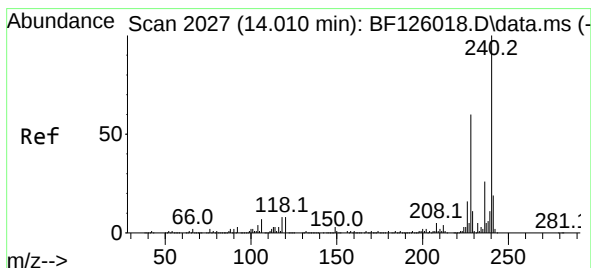
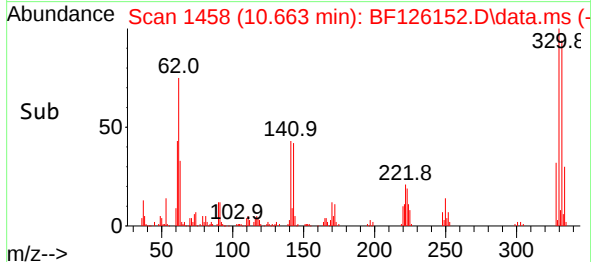
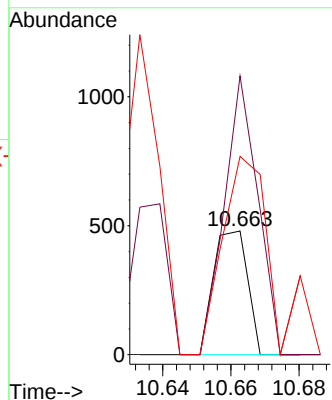
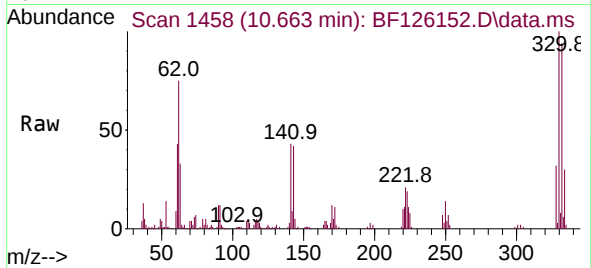




#65
4,6-Dinitro-2-methylphenol
Concen: 8.421 ng
RT: 10.663 min Scan# 1428
Delta R.T. 0.177 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

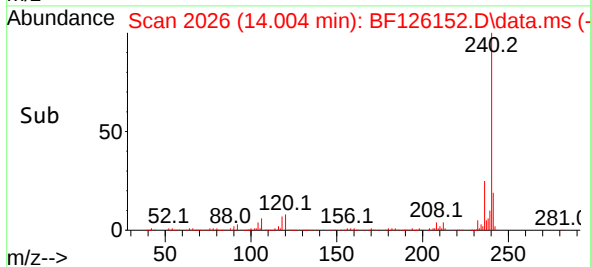
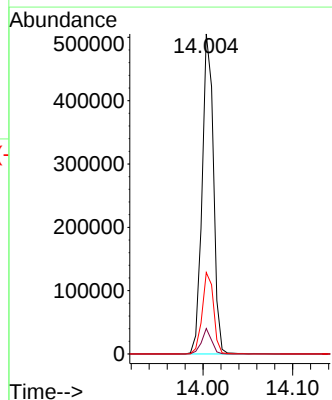
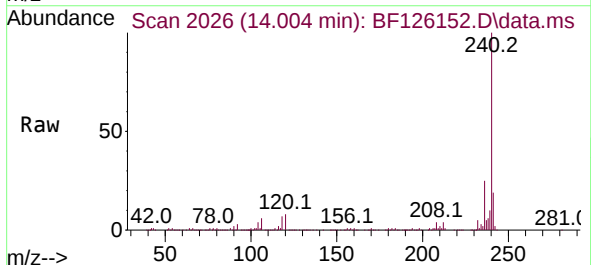
Instrument :
BNA_F
ClientSampleId :
207

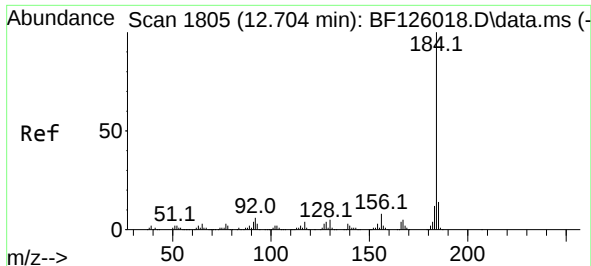
Tgt Ion:198 Resp: 333
Ion Ratio Lower Upper
198 100
51 225.2 45.3 85.3#
105 160.2 30.6 70.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

Tgt Ion:240 Resp: 443108
Ion Ratio Lower Upper
240 100
120 7.9 10.8 16.2#
236 25.4 21.6 32.4

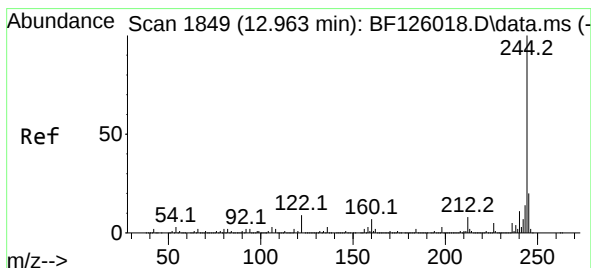
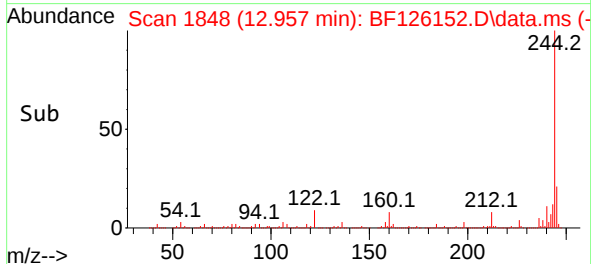
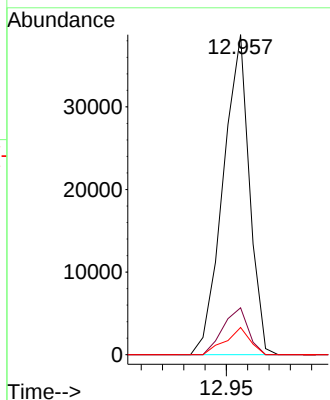
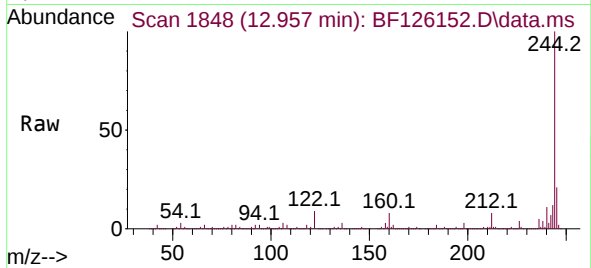




#77
Benzidine
Concen: 2.241 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

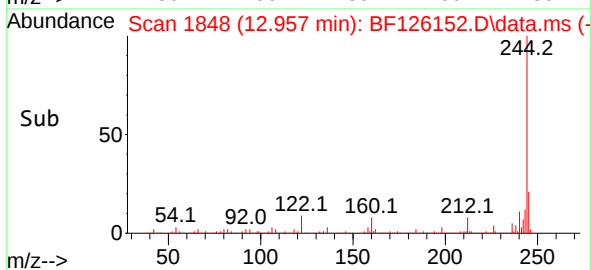
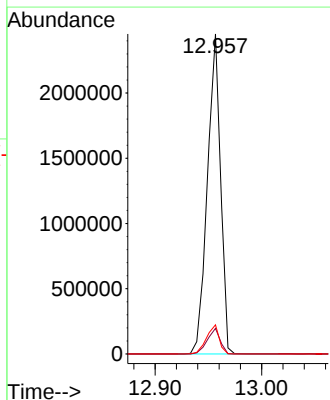
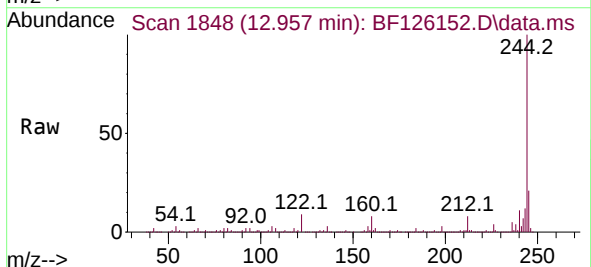
Instrument :
BNA_F
ClientSampleId :
207

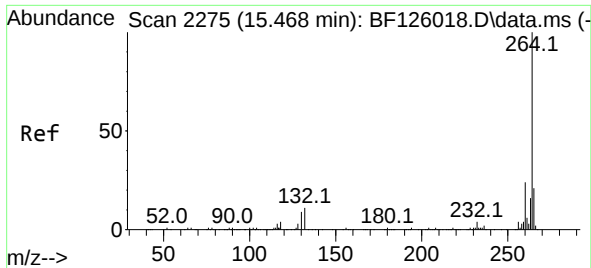
Tgt Ion:184 Resp: 33189
Ion Ratio Lower Upper
184 100
185 14.7 10.8 16.2
183 8.5 8.1 12.1



#79
Terphenyl-d14
Concen: 76.988 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

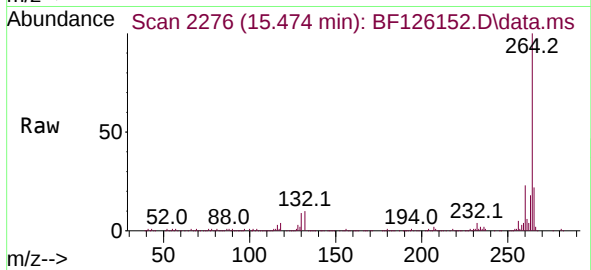
Tgt Ion:244 Resp: 2115531
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 9.1 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

Instrument :
BNA_F
ClientSampleId :
207



Tgt Ion:264 Resp: 314768
Ion Ratio Lower Upper
264 100
260 23.0 19.6 29.4
265 22.2 17.2 25.8

