

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
 Data File : BF126058.D
 Acq On : 8 Nov 2021 11:09
 Operator : JU/CG
 Sample : PB140512BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140512BL

Quant Time: Nov 08 11:52:18 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)

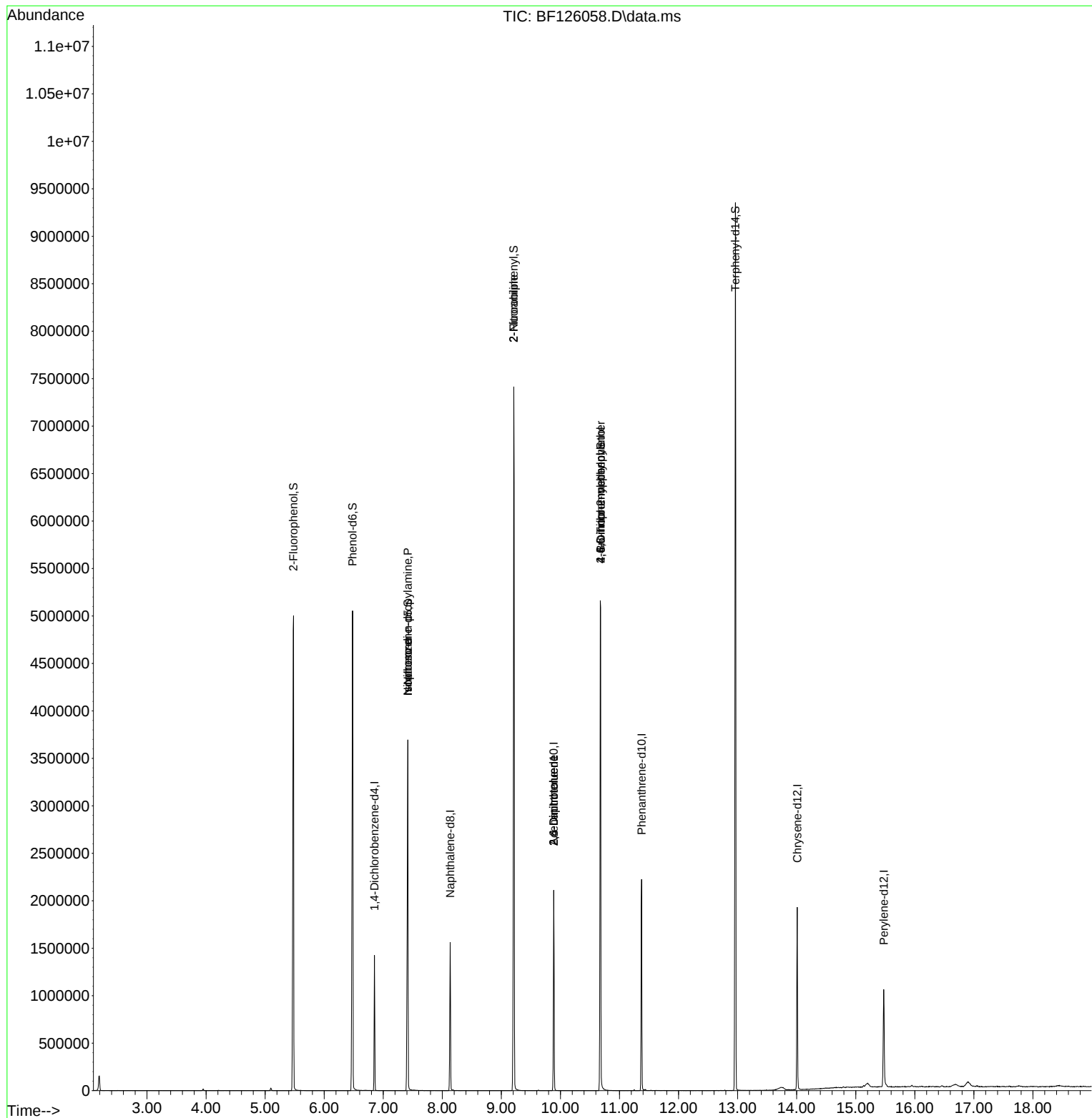
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	169855	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	644152	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	408623	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	799608	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	637221	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	488309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1273275	128.732	ng	0.02
7) Phenol-d6	6.481	99	1657870	118.903	ng	0.00
23) Nitrobenzene-d5	7.416	82	1201433	87.961	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	630193	134.575	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2436100	80.565	ng	0.00
79) Terphenyl-d14	12.963	244	3231903	81.786	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	3599	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	169996	18.494	ng	# 61
25) Isophorone	7.416	82	1191813	48.464	ng	# 59
48) 2-Nitroaniline	9.210	65	4856	3.411	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	53265	10.446	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	53265	9.938	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.680	198	1779	8.699	ng	# 23
67) 4-Bromophenyl-phenylether	10.680	248	42323	4.370	ng	# 1

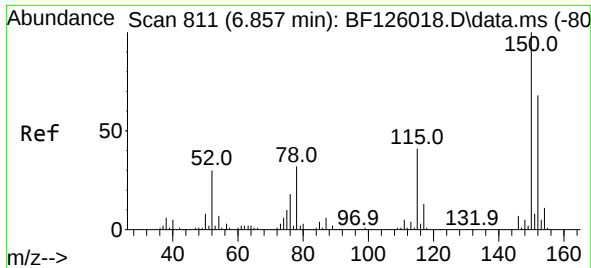
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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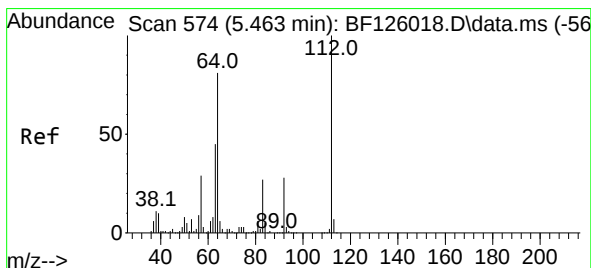
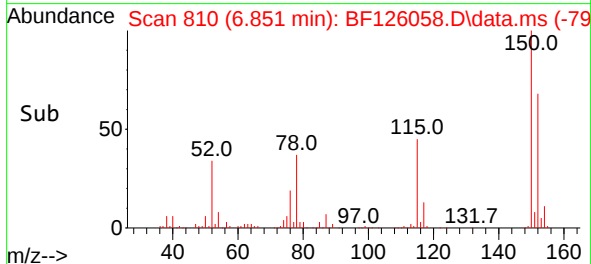
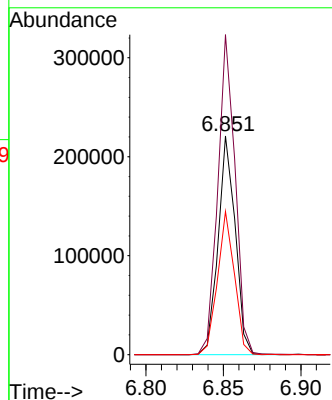
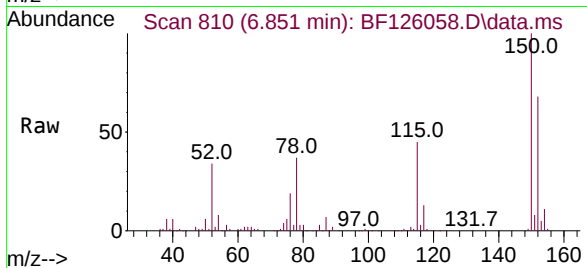




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

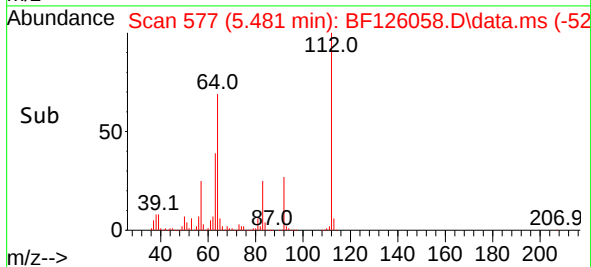
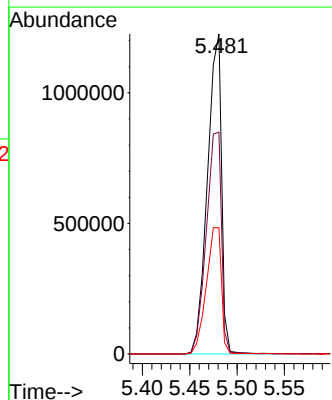
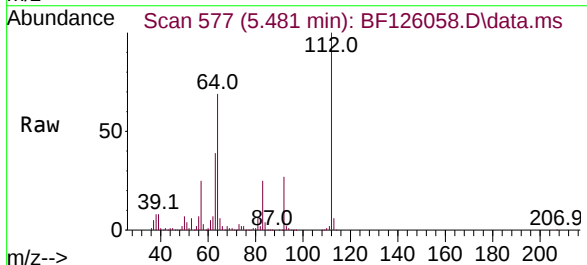
Instrument :
BNA_F
ClientSampleId :
PB140512BL

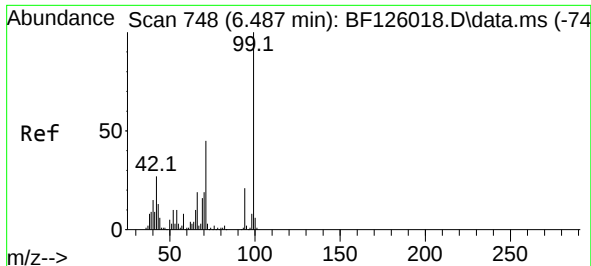
Tgt Ion:152 Resp: 169855
Ion Ratio Lower Upper
152 100
150 146.3 117.6 176.4
115 65.5 47.1 70.7



#5
2-Fluorophenol
Concen: 128.732 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

Tgt Ion:112 Resp: 1273275
Ion Ratio Lower Upper
112 100
64 69.3 44.2 66.2#
63 39.5 26.2 39.2#

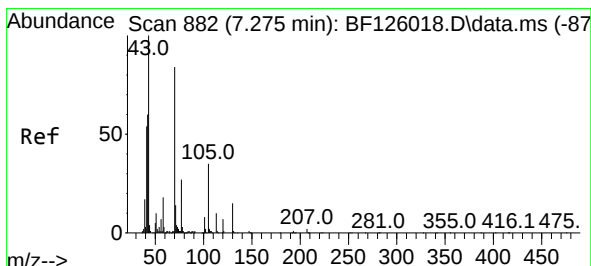
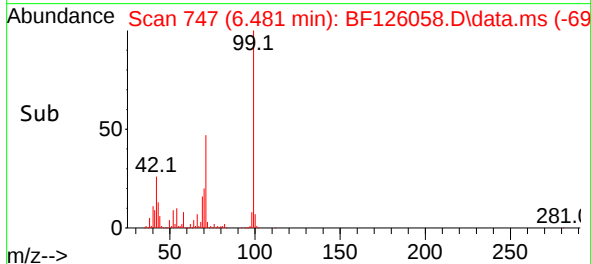
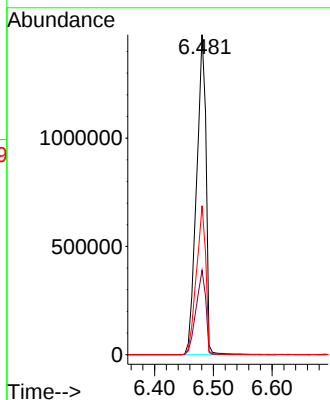
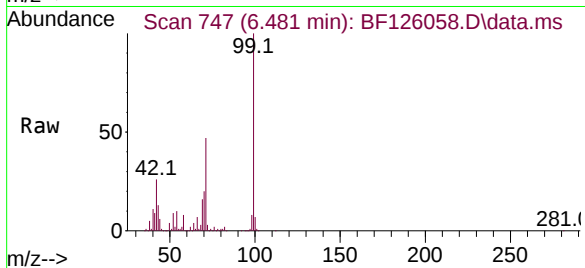




#7
Phenol-d6
Concen: 118.903 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

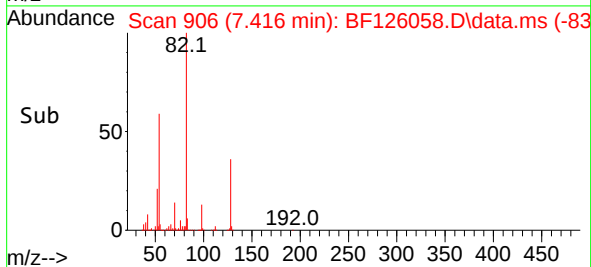
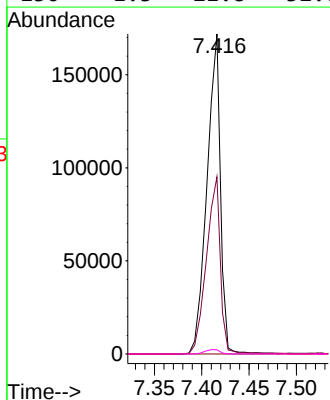
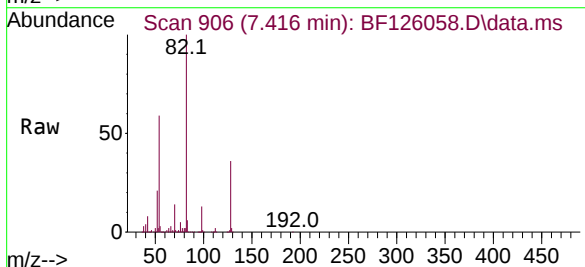
Instrument :
BNA_F
ClientSampleId :
PB140512BL

Tgt Ion: 99 Resp: 1657870
Ion Ratio Lower Upper
99 100
42 26.4 23.5 35.3
71 46.6 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 18.494 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

Tgt Ion: 70 Resp: 169996
Ion Ratio Lower Upper
70 100
42 55.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.3 21.8 32.6#

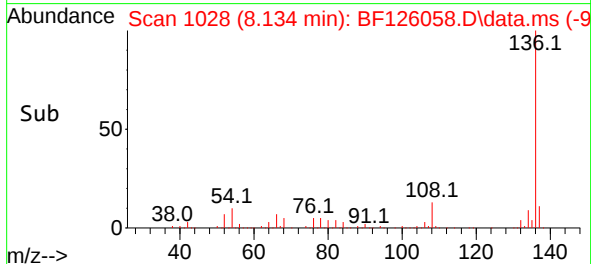
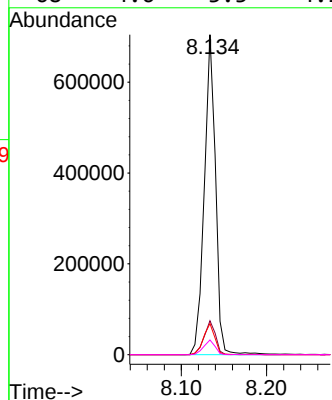
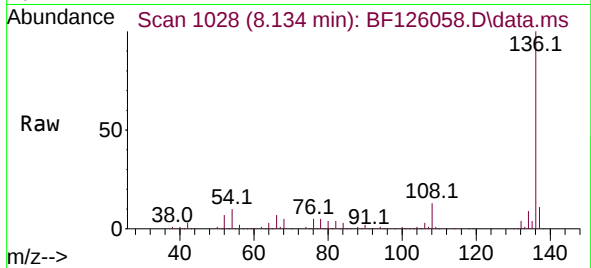




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 10
Delta R.T. -0.005 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

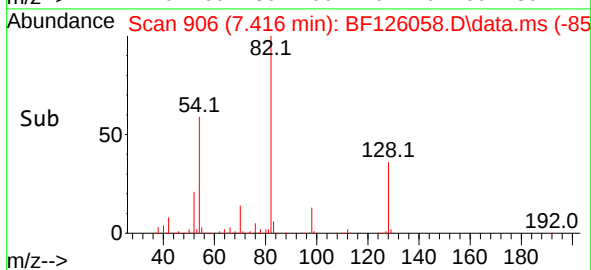
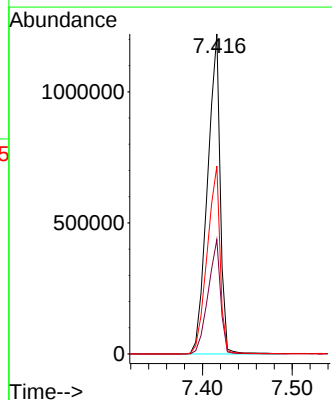
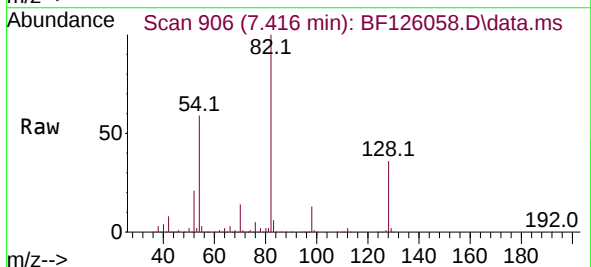
Instrument :
BNA_F
ClientSampleId :
PB140512BL

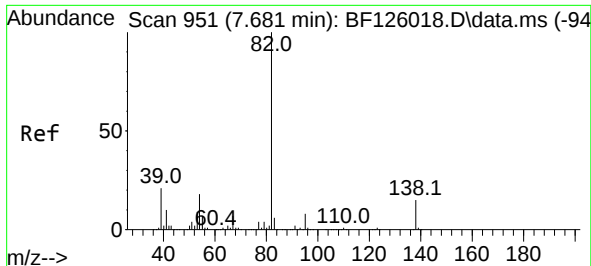
Tgt Ion:136 Resp: 644152
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.7 6.4 9.6#
68 4.6 3.3 4.9



#23
Nitrobenzene-d5
Concen: 87.961 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

Tgt Ion: 82 Resp: 1201433
Ion Ratio Lower Upper
82 100
128 35.8 40.6 60.8#
54 58.7 49.6 74.4

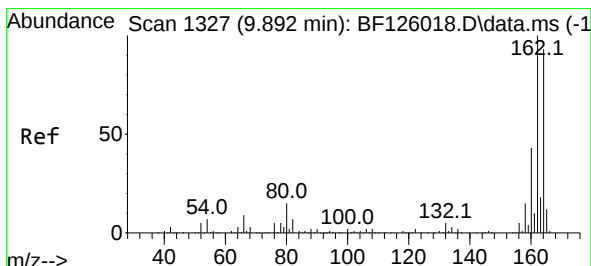
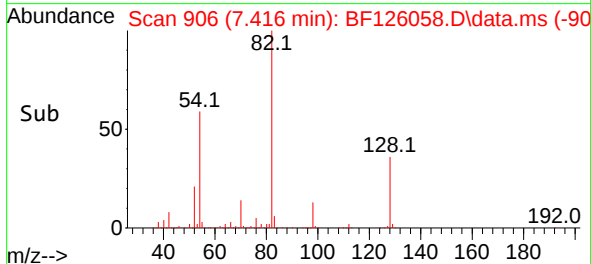
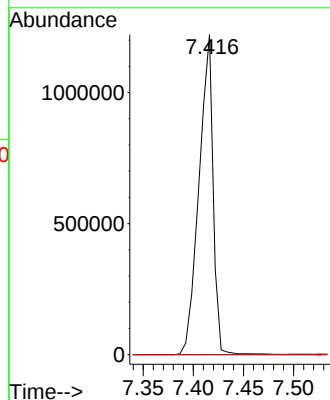
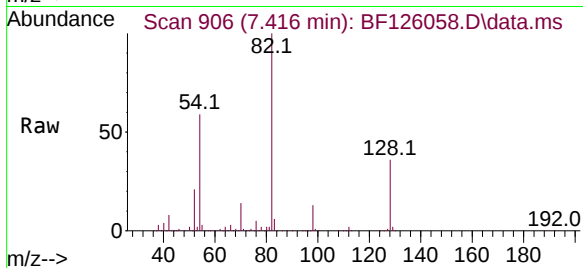




#25
Isophorone
Concen: 48.464 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

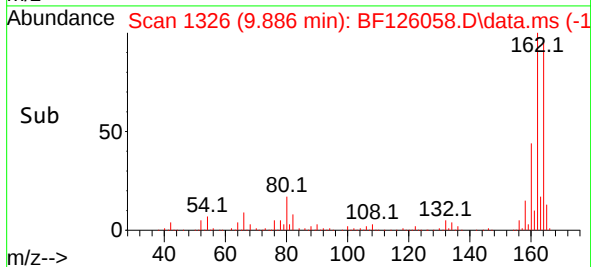
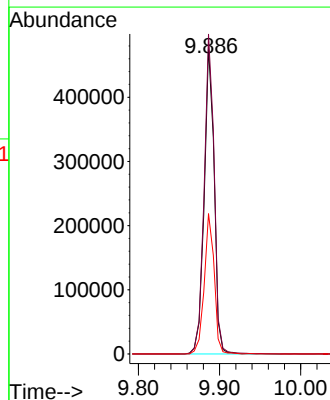
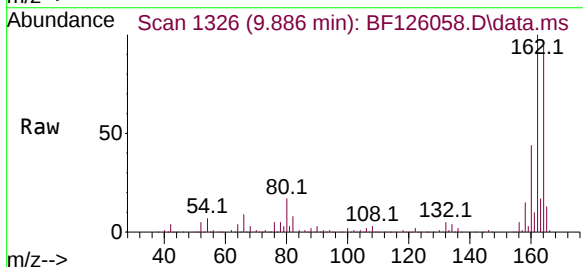
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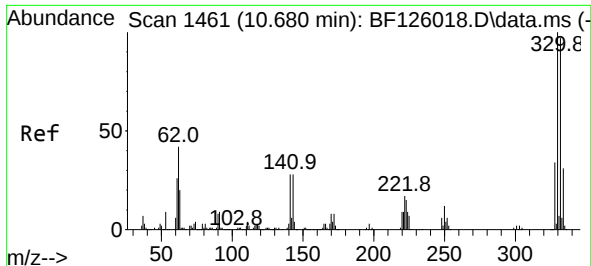
Tgt Ion: 82 Resp: 1191813
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

Tgt Ion:164 Resp: 408623
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 45.8 38.0 57.0

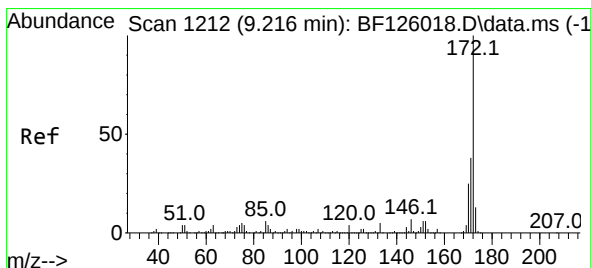
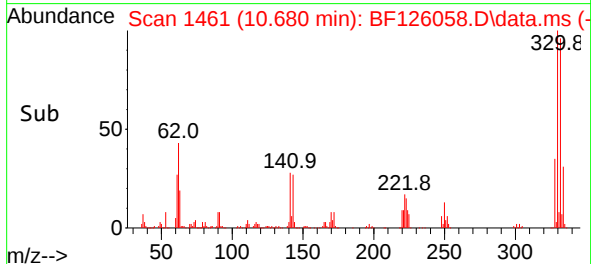
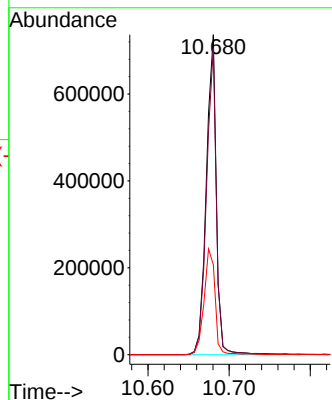
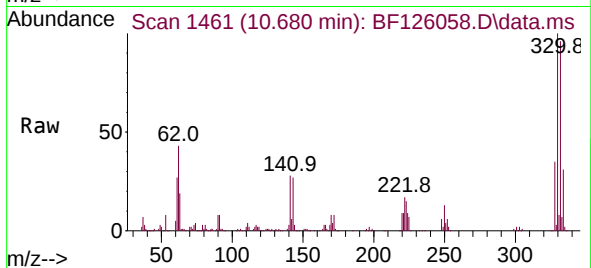




#42
2,4,6-Tribromophenol
Concen: 134.575 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

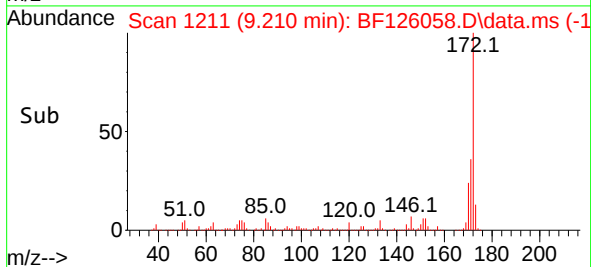
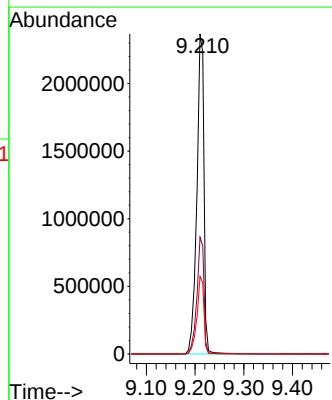
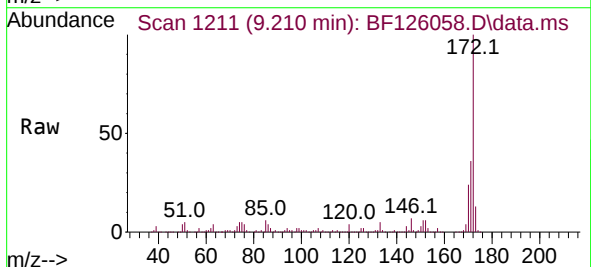
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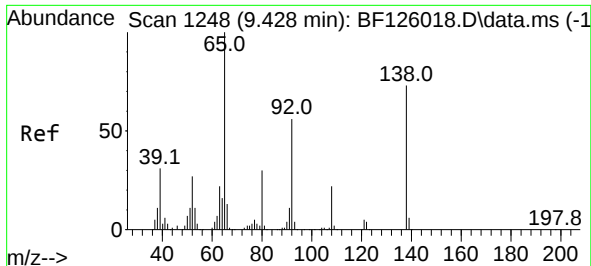
Tgt Ion:330 Resp: 630193
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 36.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 80.565 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

Tgt Ion:172 Resp: 2436100
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 24.2 18.8 28.2

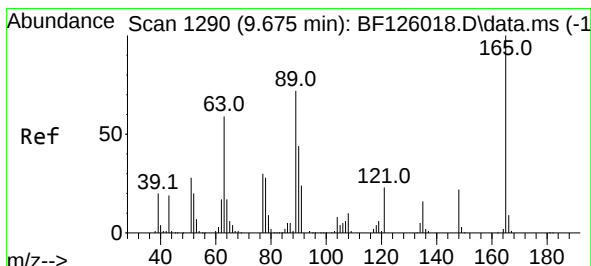
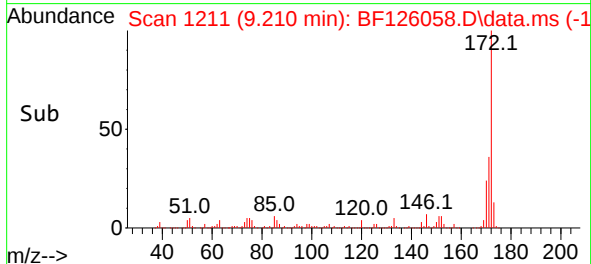
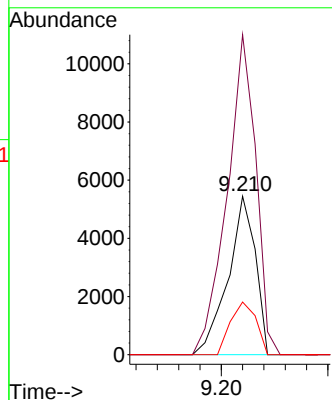
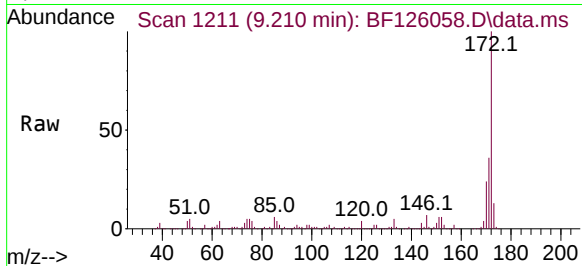




#48
2-Nitroaniline
Concen: 3.411 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

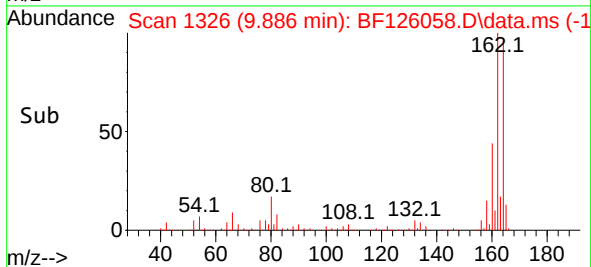
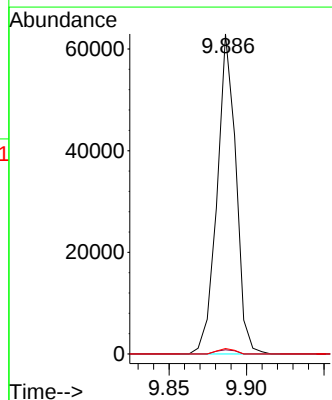
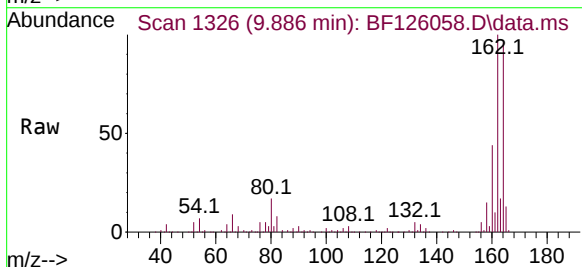
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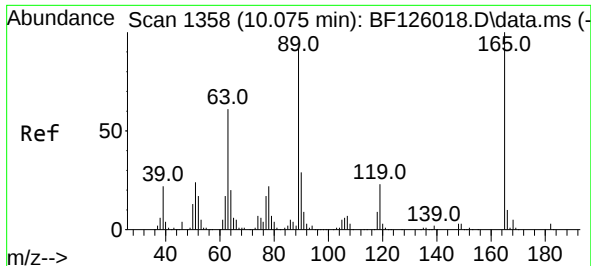
Tgt Ion: 65 Resp: 4856
Ion Ratio Lower Upper
65 100
92 202.0 55.5 83.3#
138 33.2 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.446 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.211 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

Tgt Ion:165 Resp: 53265
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.7 40.6 60.8#

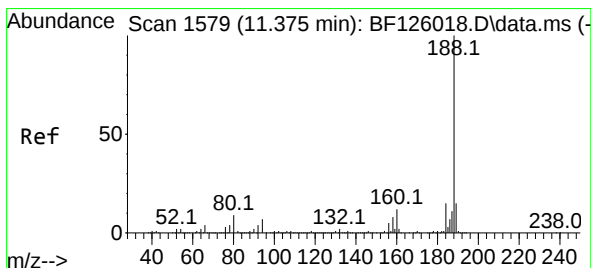
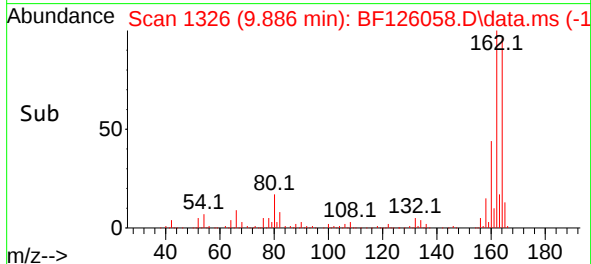
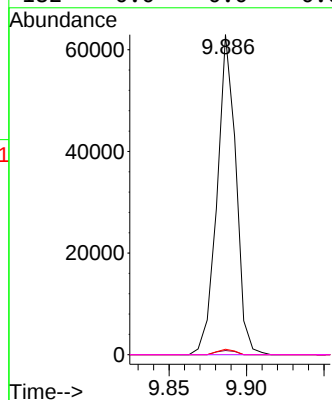
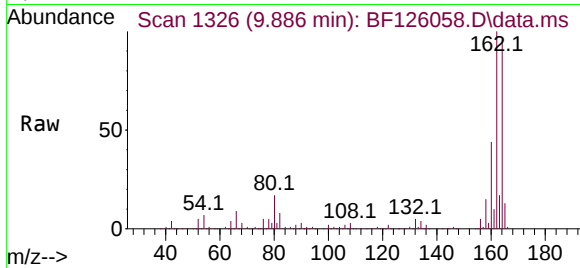




#57
2,4-Dinitrotoluene
Concen: 9.938 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

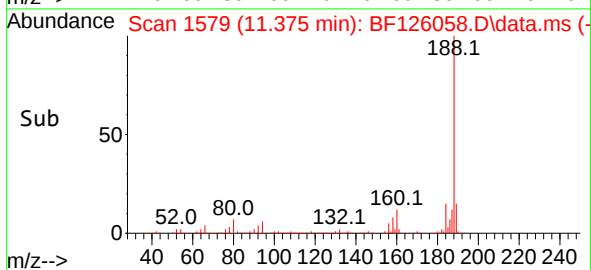
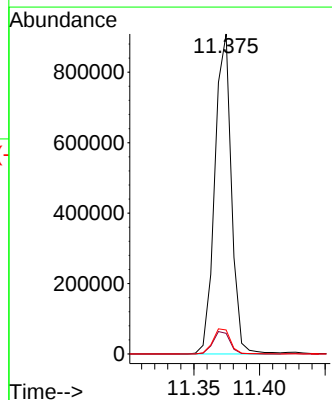
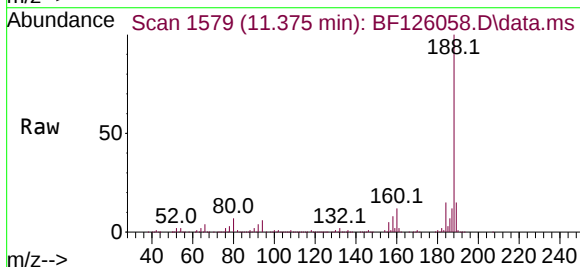
Instrument :
BNA_F
ClientSampleId :
PB140512BL

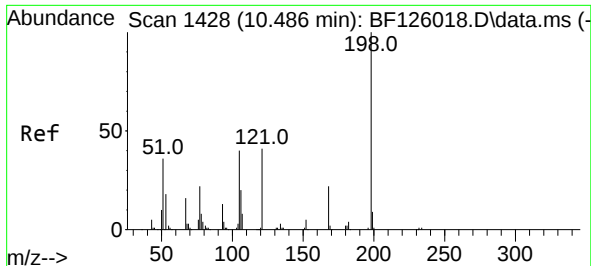
Tgt Ion:165 Resp: 53265
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

Tgt Ion:188 Resp: 799608
Ion Ratio Lower Upper
188 100
94 6.5 6.7 10.1#
80 7.5 7.5 11.3#

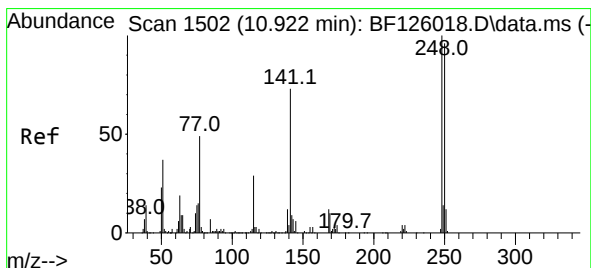
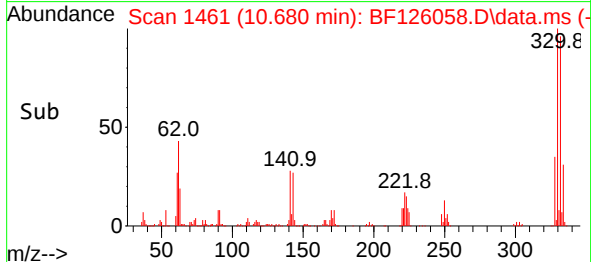
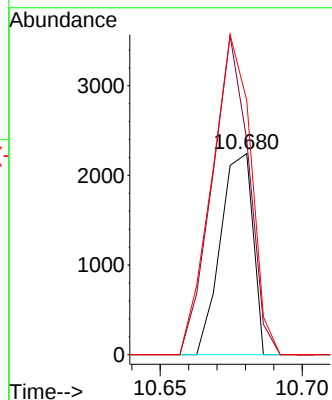
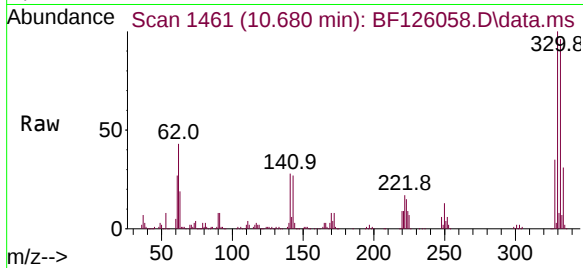




#65
4,6-Dinitro-2-methylphenol
Concen: 8.699 ng
RT: 10.680 min Scan# 1428
Delta R.T. 0.194 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

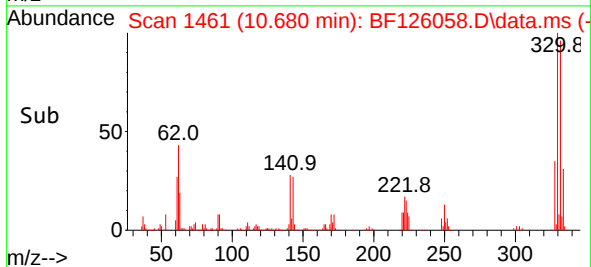
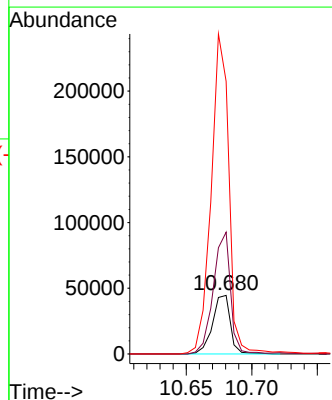
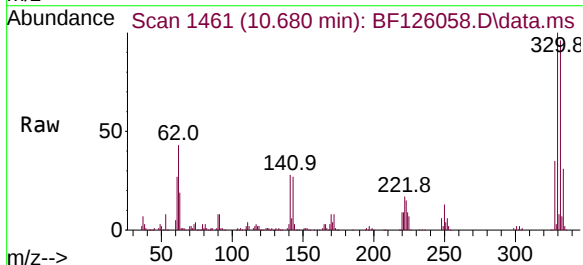
Instrument :
BNA_F
ClientSampleId :
PB140512BL

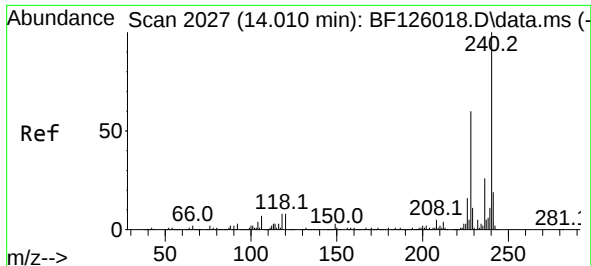
Tgt Ion:198 Resp: 1779
Ion Ratio Lower Upper
198 100
51 106.6 45.3 85.3#
105 126.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.370 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.242 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

Tgt Ion:248 Resp: 42323
Ion Ratio Lower Upper
248 100
250 207.8 74.2 111.4#
141 465.1 60.4 90.6#

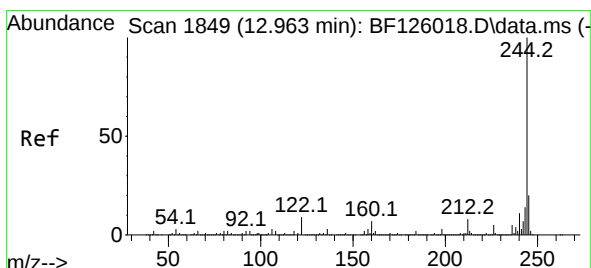
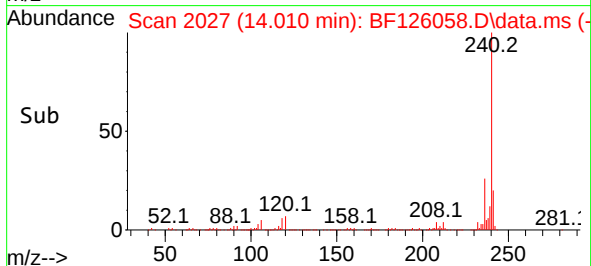
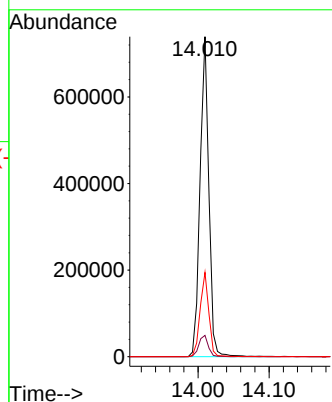
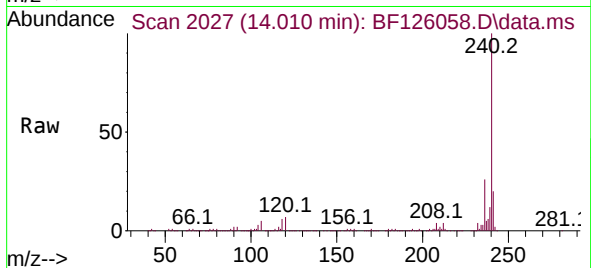




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

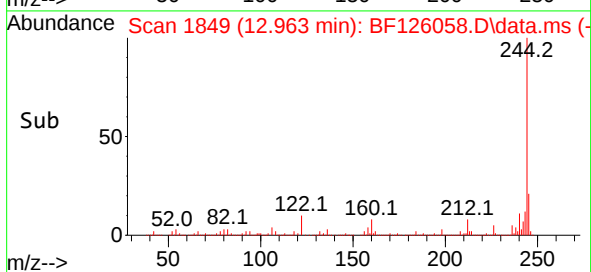
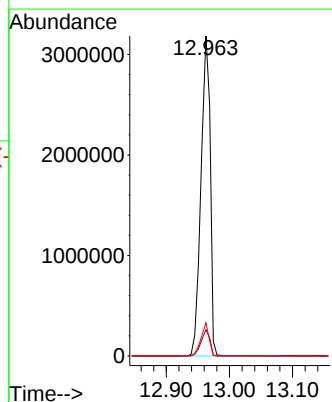
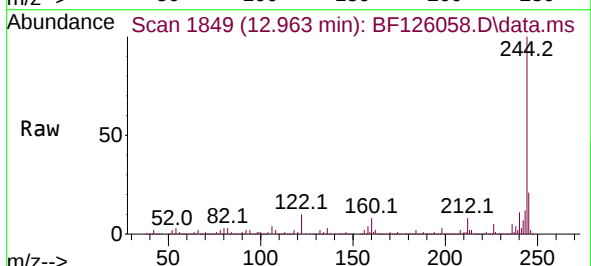
Instrument :
BNA_F
ClientSampleId :
PB140512BL

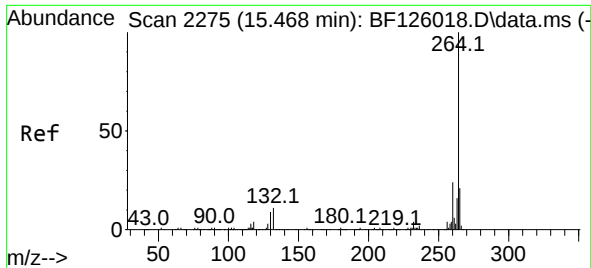
Tgt Ion:240 Resp: 637221
Ion Ratio Lower Upper
240 100
120 6.7 10.8 16.2#
236 26.4 21.6 32.4



#79
Terphenyl-d14
Concen: 81.786 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF126058.D
Acq: 8 Nov 2021 11:09

Tgt Ion:244 Resp: 3231903
Ion Ratio Lower Upper
244 100
212 8.2 5.9 8.9
122 10.4 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: BF126058.D
Acq: 8 Nov 2021 11:09

Instrument :
BNA_F
ClientSampleId :
PB140512BL

Tgt Ion:264 Resp: 488309

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	22.2	17.2	25.8

