

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070221\
 Data File : BF124518.D
 Acq On : 2 Jul 2021 14:40
 Operator : JU/CG
 Sample : PB137485BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137485BL

Quant Time: Jul 02 15:20:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 02 14:41:35 2021
 Response via : Initial Calibration

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

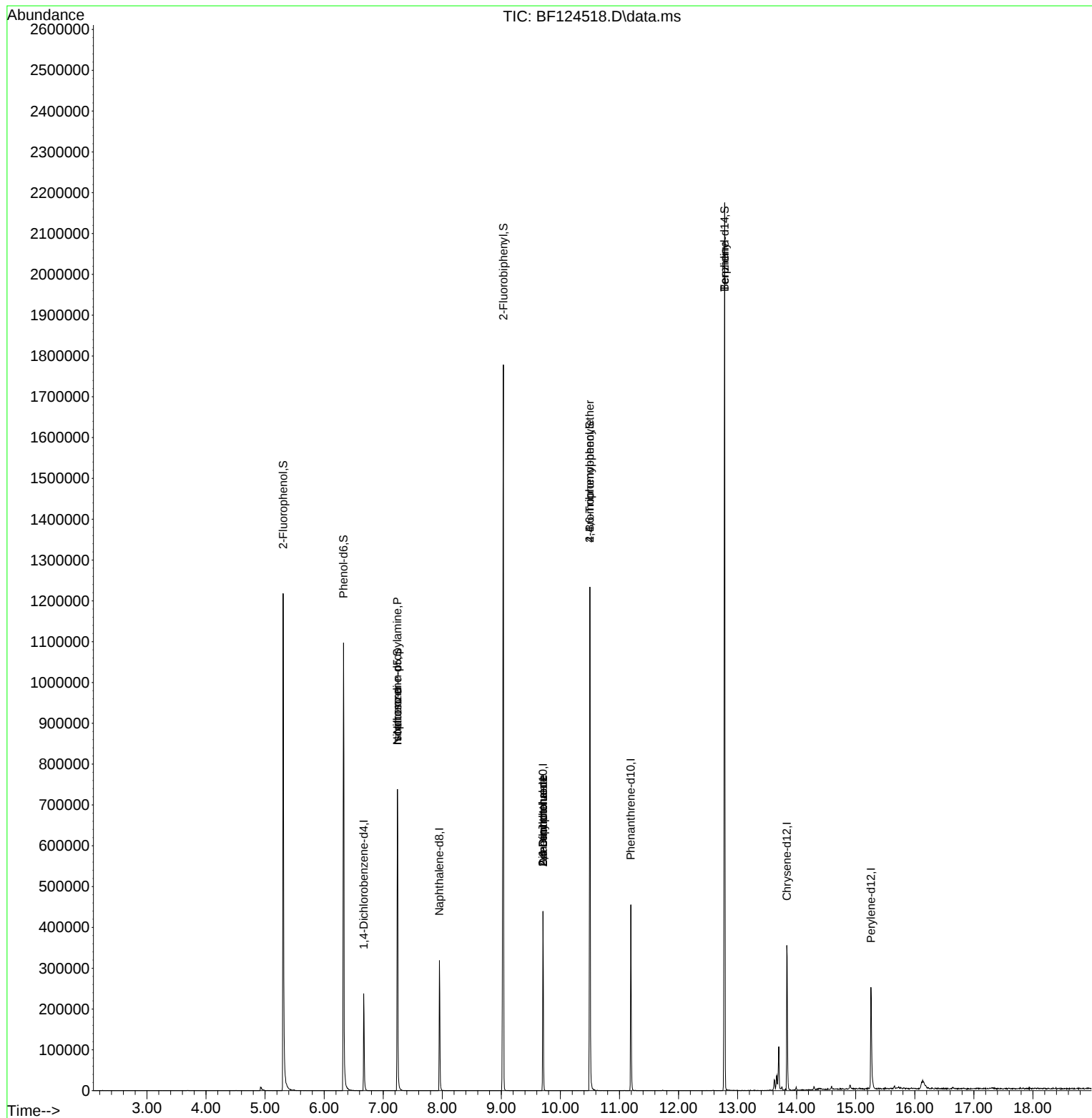
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	34870	20.000	ng	0.00
21) Naphthalene-d8	7.951	136	135791	20.000	ng	# 0.00
39) Acenaphthene-d10	9.704	164	81221	20.000	ng	0.00
64) Phenanthrene-d10	11.192	188	154366	20.000	ng	0.00
76) Chrysene-d12	13.833	240	126210	20.000	ng	0.00
86) Perylene-d12	15.257	264	106726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	297999	134.402	ng	0.01
7) Phenol-d6	6.328	99	355379	122.755	ng	0.00
23) Nitrobenzene-d5	7.240	82	255780	78.100	ng	-0.01
42) 2,4,6-Tribromophenol	10.498	330	127396	131.285	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	542988	81.894	ng	0.00
79) Terphenyl-d14	12.780	244	679312	80.617	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.240	70	36746	18.874	ng	# 67
25) Isophorone	7.240	82	255780	45.426	ng	# 69
50) Dimethylphthalate	9.704	163	16748	2.615	ng	# 1
51) 2,6-Dinitrotoluene	9.704	165	10475	7.081	ng	# 11
57) 2,4-Dinitrotoluene	9.704	165	10475	5.342	ng	# 17
67) 4-Bromophenyl-phenylether	10.498	248	8569	4.126	ng	# 1
77) Benzidine	12.780	184	10810	4.274	ng	98

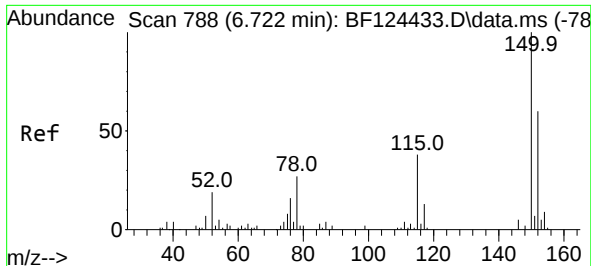
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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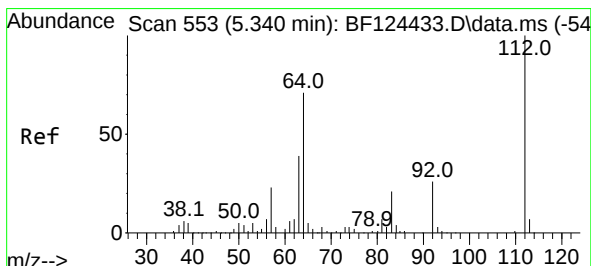
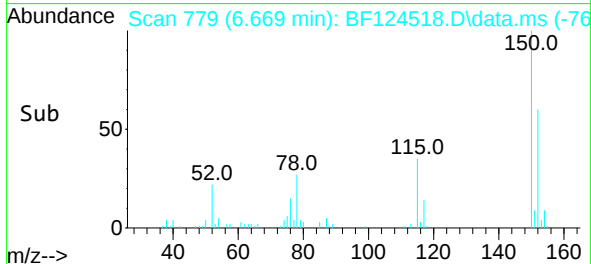
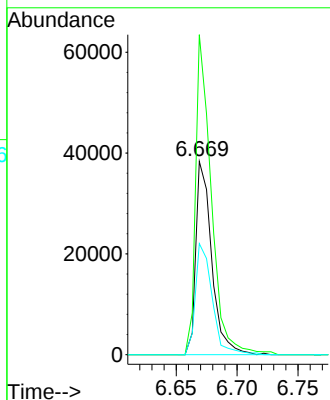
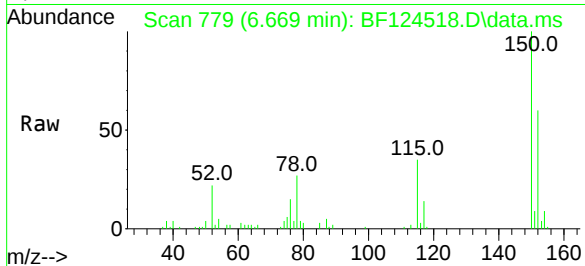




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

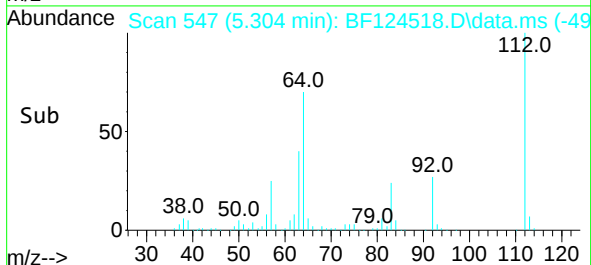
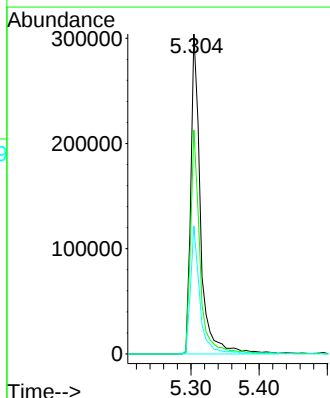
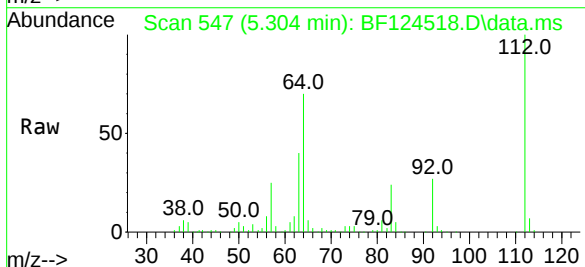
Instrument :
BNA_F
ClientSampleId :
PB137485BL

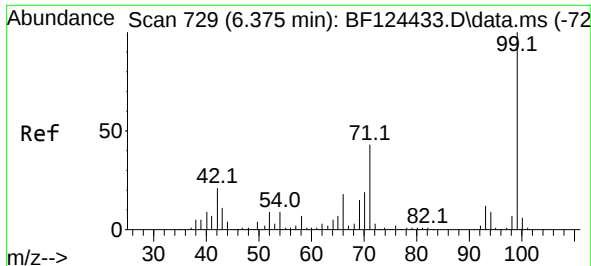
Tgt Ion:152 Resp: 34870
Ion Ratio Lower Upper
152 100
150 165.5 127.0 190.6
115 57.5 54.3 81.5



#5
2-Fluorophenol
Concen: 134.402 ng
RT: 5.304 min Scan# 547
Delta R.T. 0.012 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

Tgt Ion:112 Resp: 297999
Ion Ratio Lower Upper
112 100
64 70.0 61.4 92.0
63 39.9 33.0 49.4

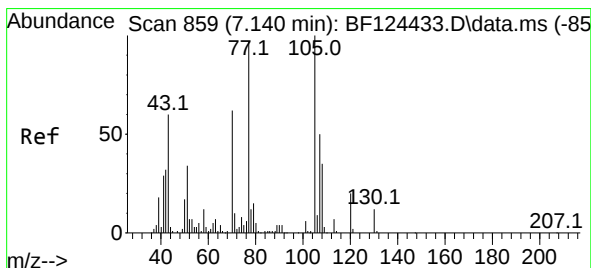
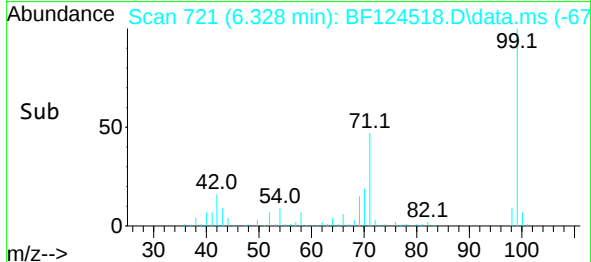
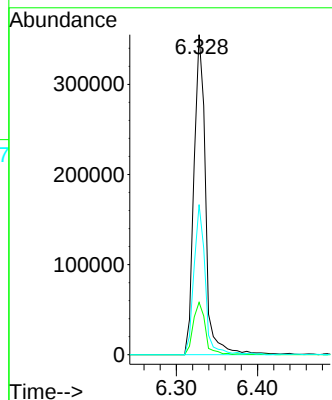
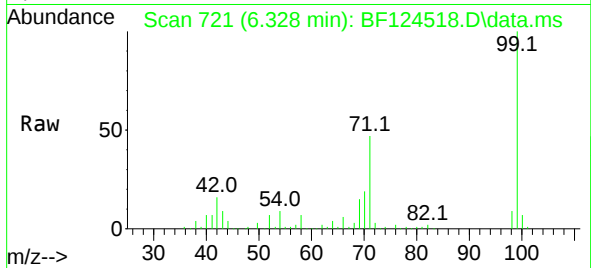




#7
Phenol-d6
Concen: 122.755 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

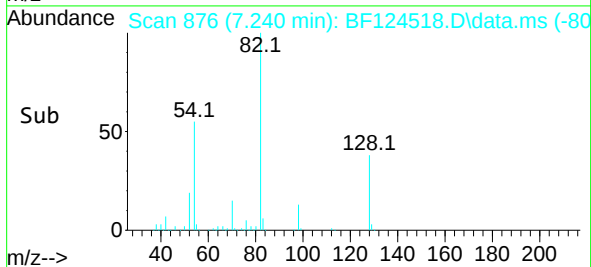
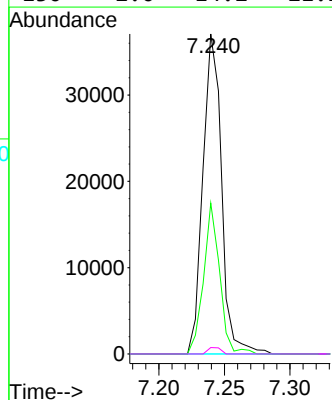
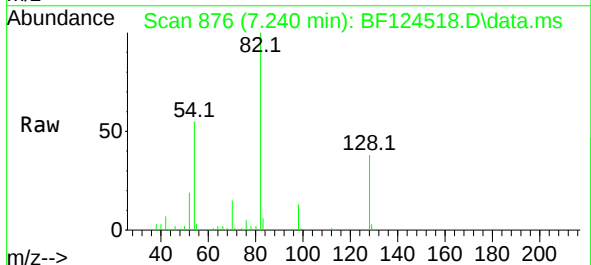
Instrument :
BNA_F
ClientSampleId :
PB137485BL

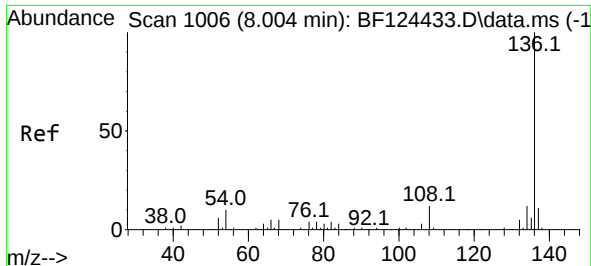
Tgt Ion: 99 Resp: 355379
Ion Ratio Lower Upper
99 100
42 16.4 19.8 29.8#
71 46.9 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 18.874 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

Tgt Ion: 70 Resp: 36746
Ion Ratio Lower Upper
70 100
42 47.2 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#

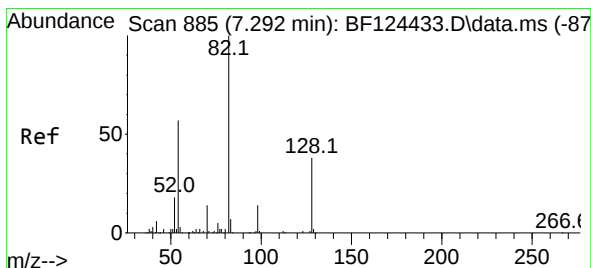
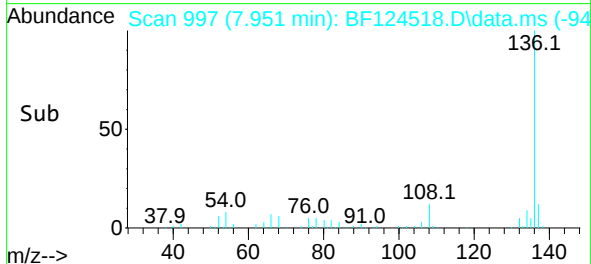
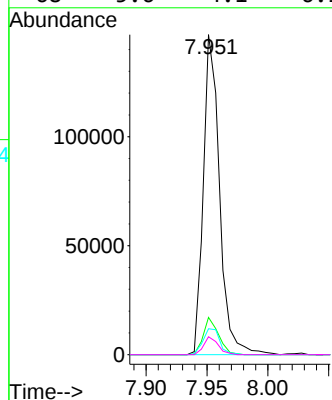
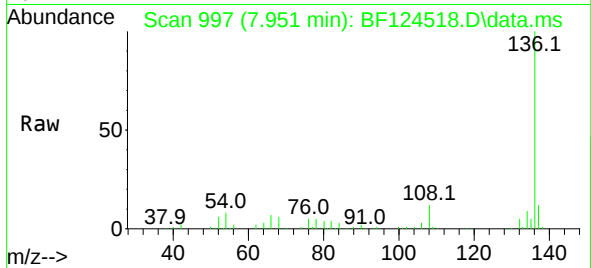




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

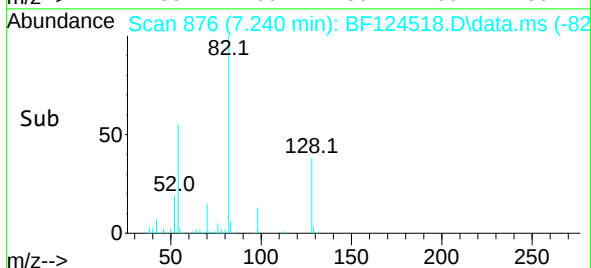
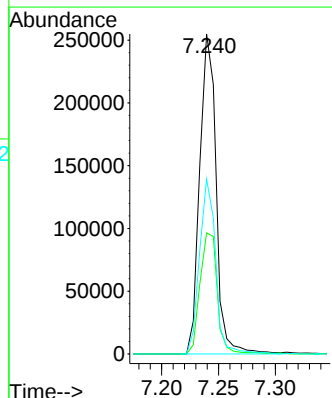
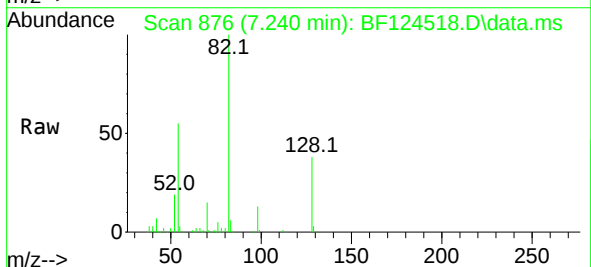
Instrument :
BNA_F
ClientSampleId :
PB137485BL

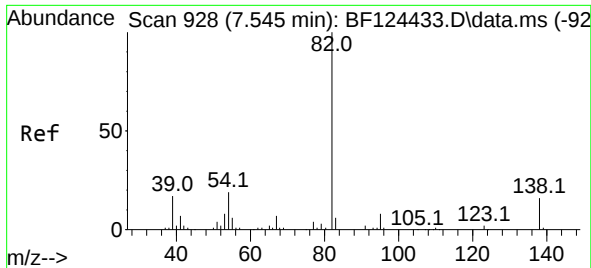
Tgt Ion:136	Resp: 135791
Ion Ratio	Lower Upper
136 100	
137 11.7	8.7 13.1
54 8.1	9.8 14.6#
68 5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 78.100 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

Tgt Ion: 82	Resp: 255780
Ion Ratio	Lower Upper
82 100	
128 37.8	29.4 44.2
54 54.6	54.1 81.1

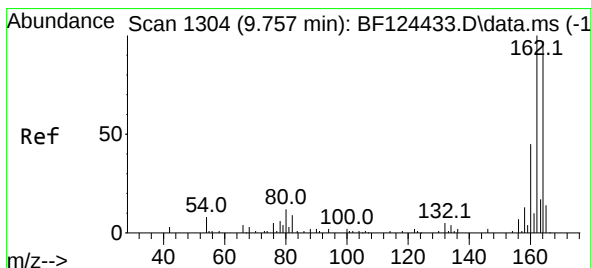
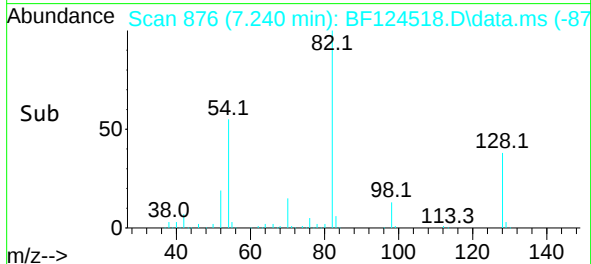
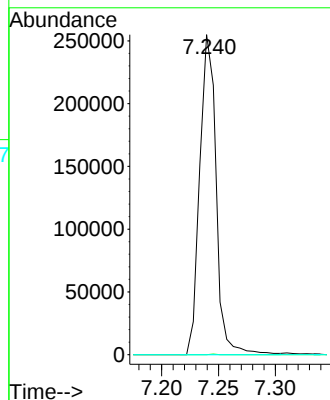
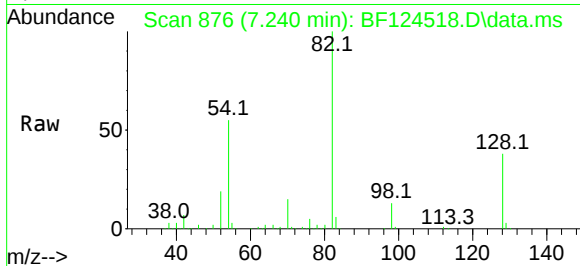




#25
Isophorone
Concen: 45.426 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.265 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

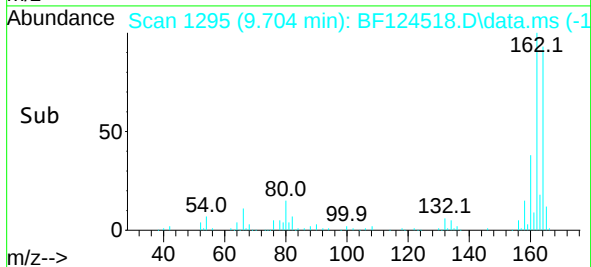
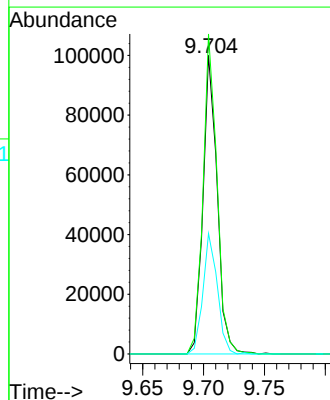
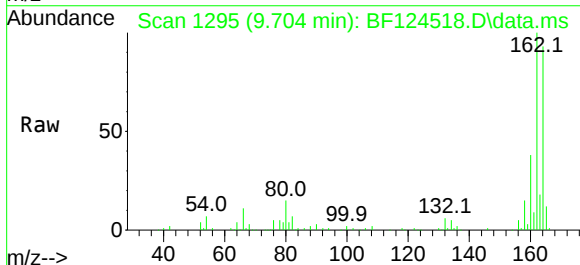
Instrument :
BNA_F
ClientSampleId :
PB137485BL

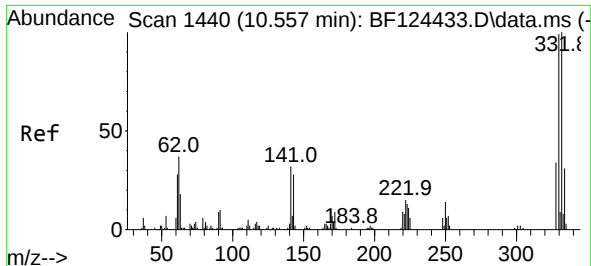
Tgt Ion: 82 Resp: 255780
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

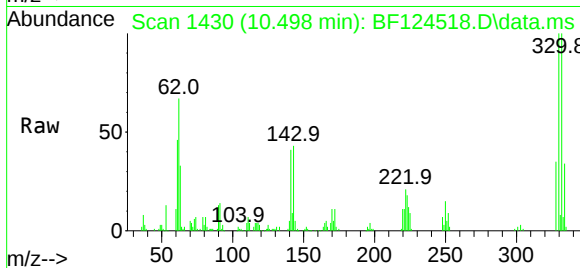
Tgt Ion:164 Resp: 81221
Ion Ratio Lower Upper
164 100
162 107.3 80.7 121.1
160 40.4 37.3 55.9



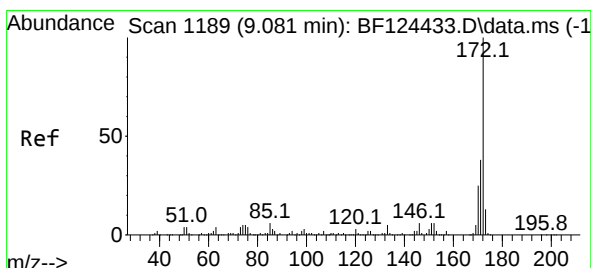
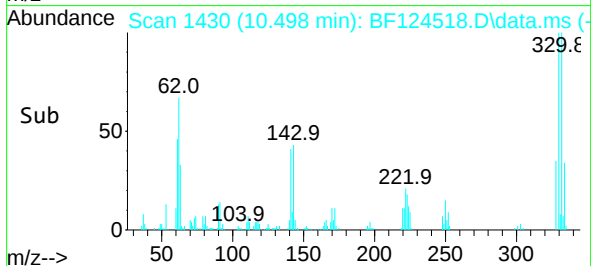
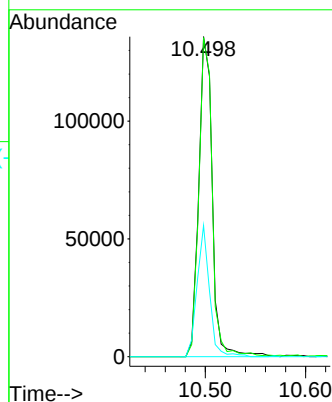


#42
2,4,6-Tribromophenol
Concen: 131.285 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

Instrument :
BNA_F
ClientSampleId :
PB137485BL

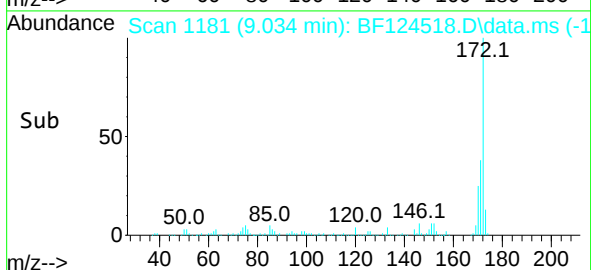
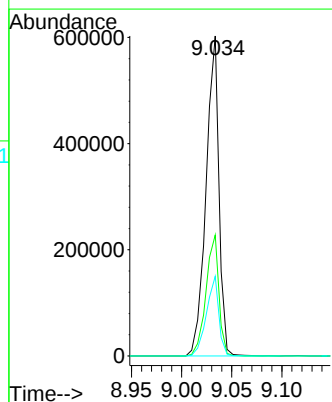
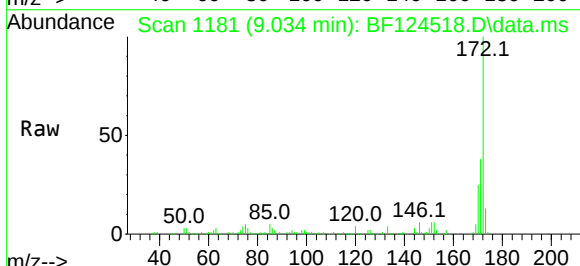


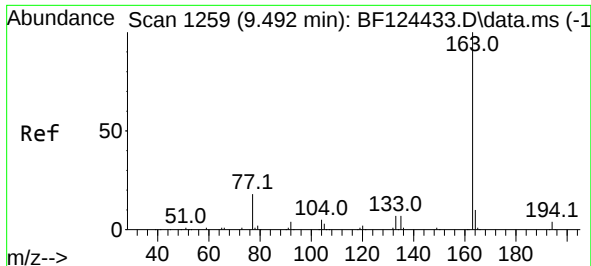
Tgt Ion:330 Resp: 127396
Ion Ratio Lower Upper
330 100
332 98.6 77.1 115.7
141 37.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 81.894 ng
RT: 9.034 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

Tgt Ion:172 Resp: 542988
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 24.9 19.2 28.8

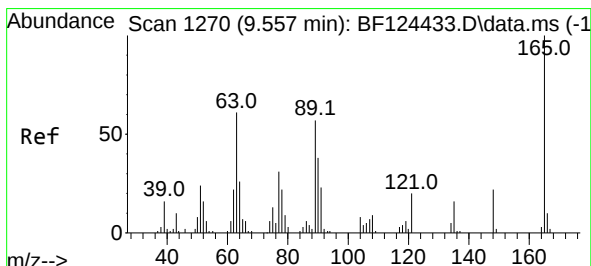
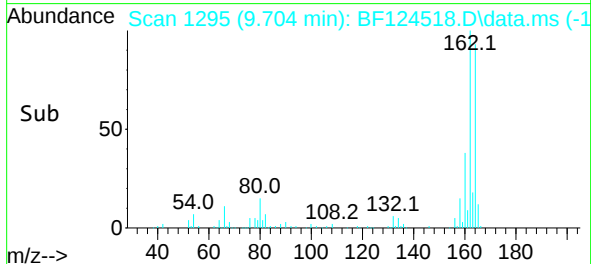
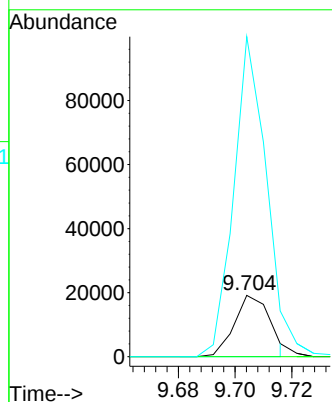
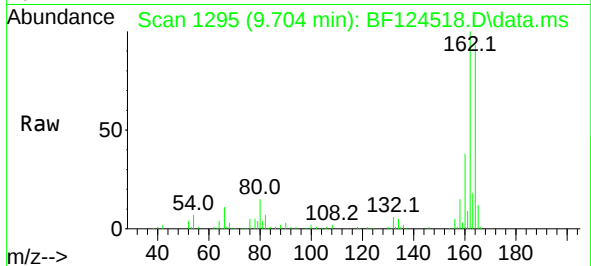




#50
Dimethylphthalate
Concen: 2.615 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.259 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

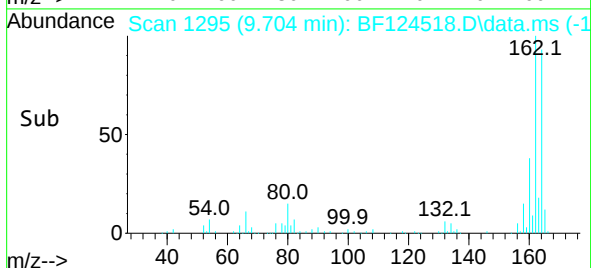
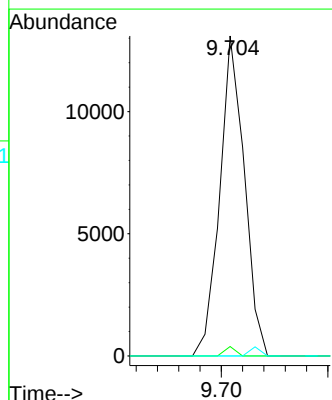
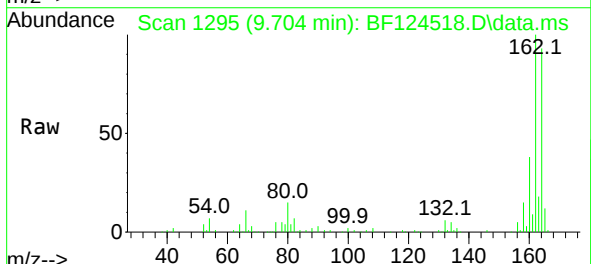
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ClientSampleId :
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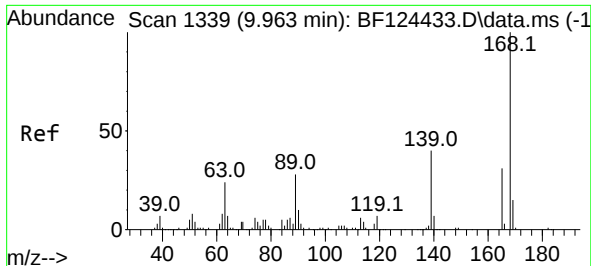
Tgt Ion:163 Resp: 16748
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 521.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.081 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.194 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

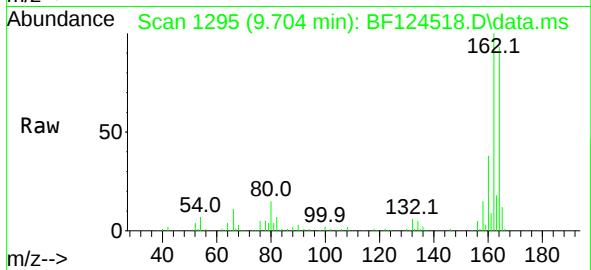
Tgt Ion:165 Resp: 10475
Ion Ratio Lower Upper
165 100
63 3.0 67.7 101.5#
89 0.0 58.8 88.2#



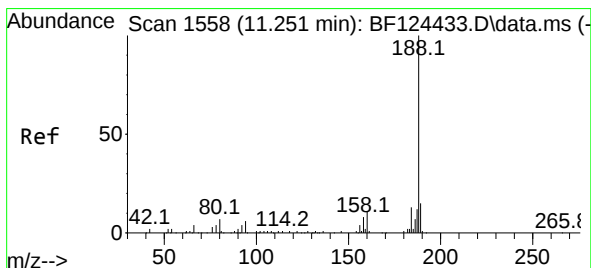
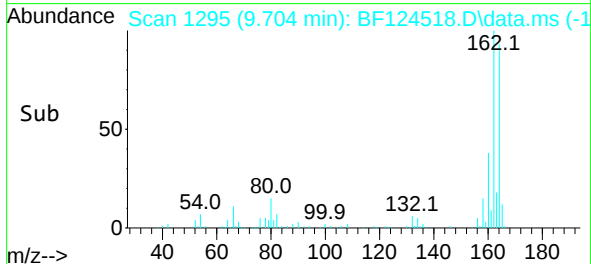
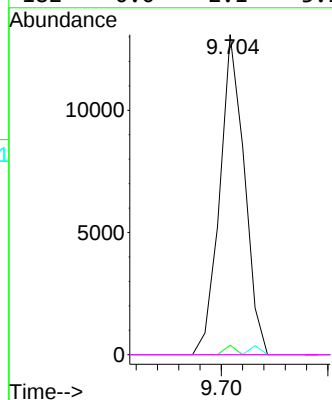


#57
2,4-Dinitrotoluene
Concen: 5.342 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.218 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

Instrument :
BNA_F
ClientSampleId :
PB137485BL

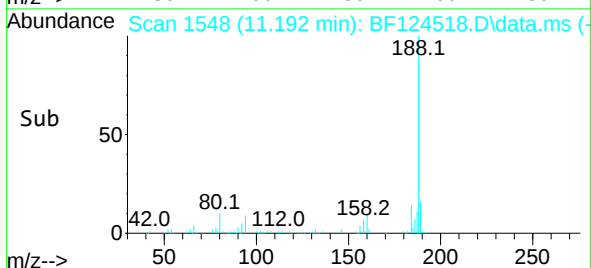
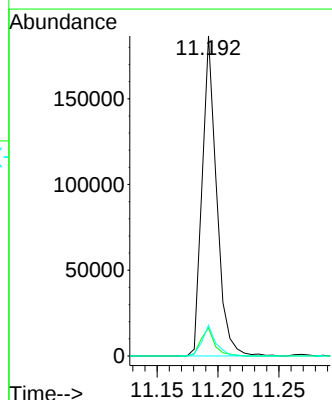
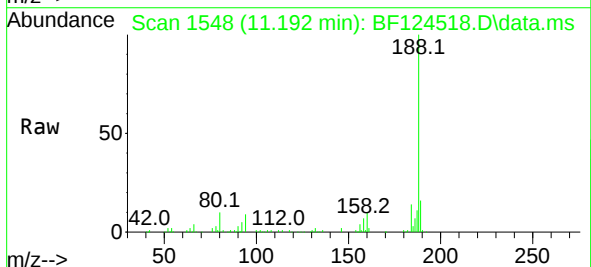


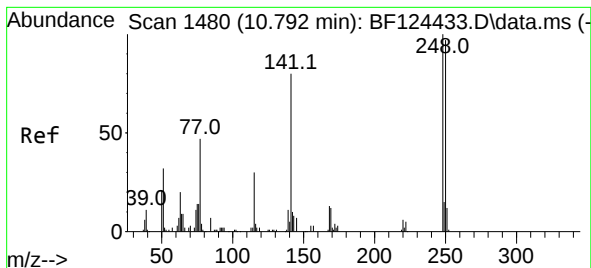
Tgt Ion:165 Resp: 10475
Ion Ratio Lower Upper
165 100
63 3.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.192 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

Tgt Ion:188 Resp: 154366
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.6 8.2 12.2

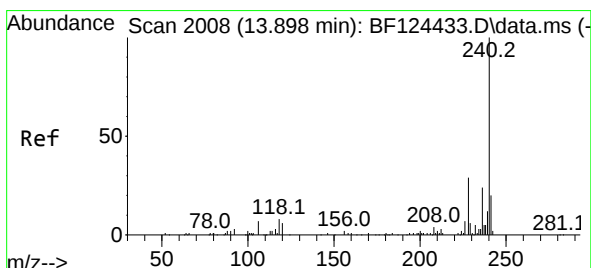
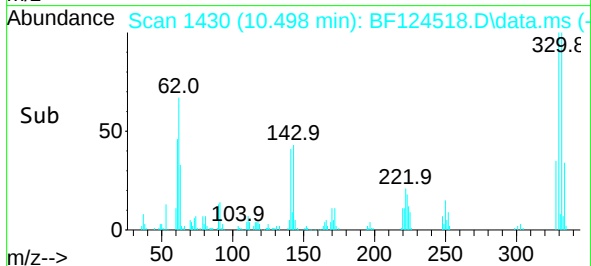
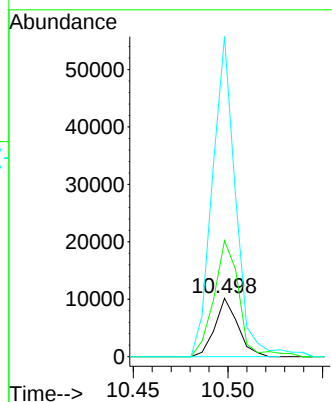
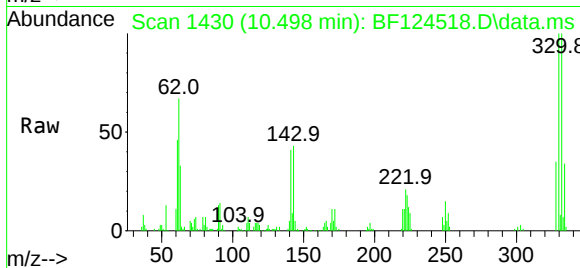




#67
4-Bromophenyl-phenylether
Concen: 4.126 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.241 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

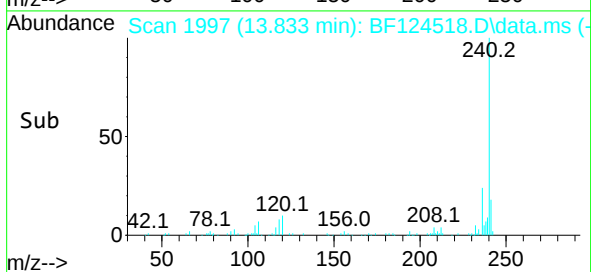
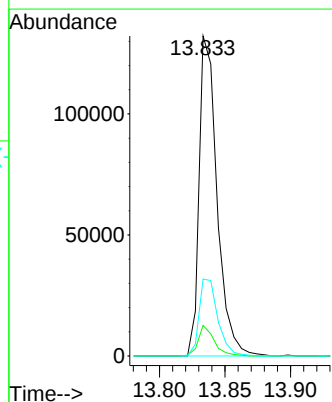
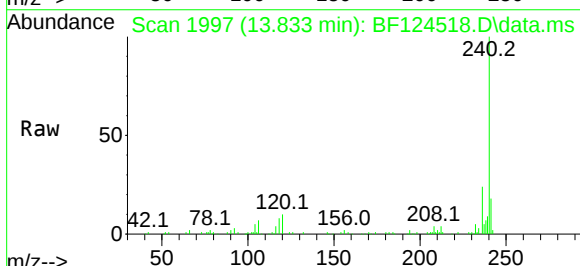
Instrument :
BNA_F
ClientSampleId :
PB137485BL

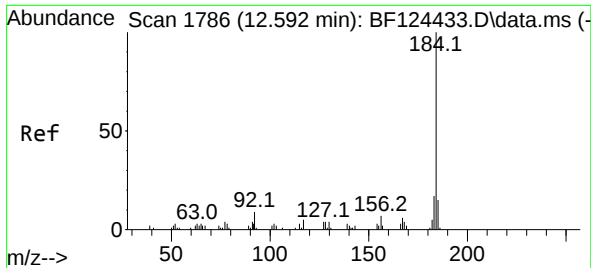
Tgt Ion:248 Resp: 8569
Ion Ratio Lower Upper
248 100
250 198.3 77.4 116.2#
141 547.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

Tgt Ion:240 Resp: 126210
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 24.1 19.0 28.4

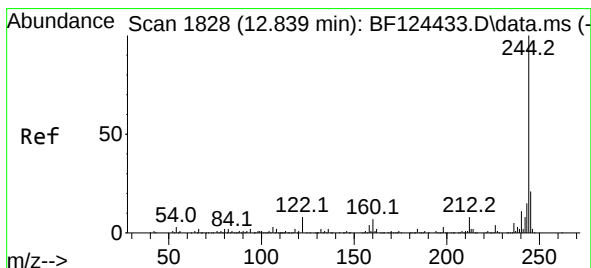
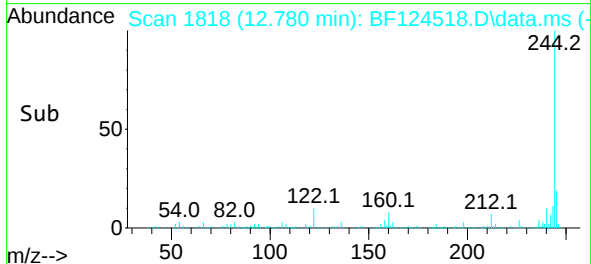
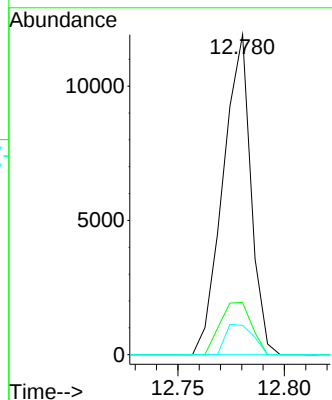
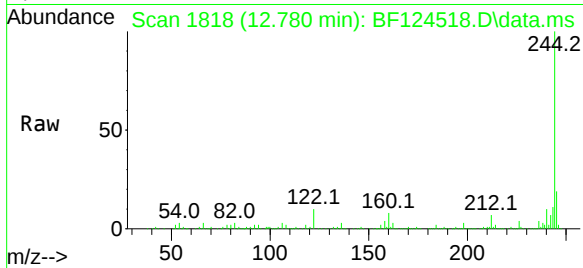




#77
Benzidine
Concen: 4.274 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

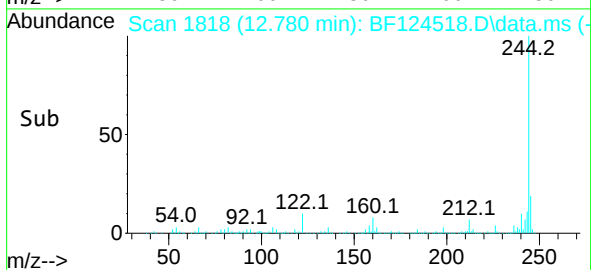
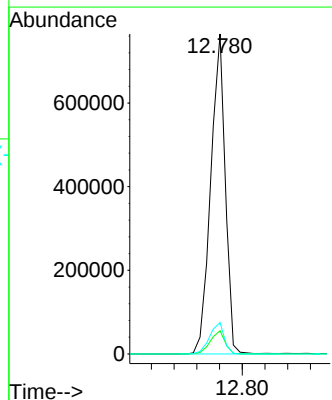
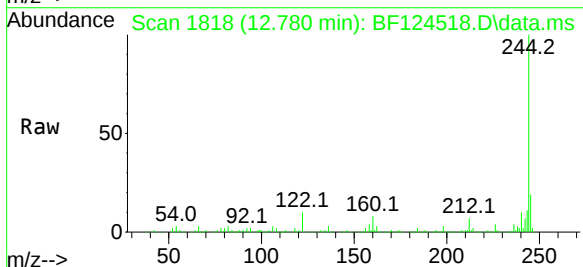
Instrument :
BNA_F
ClientSampleId :
PB137485BL

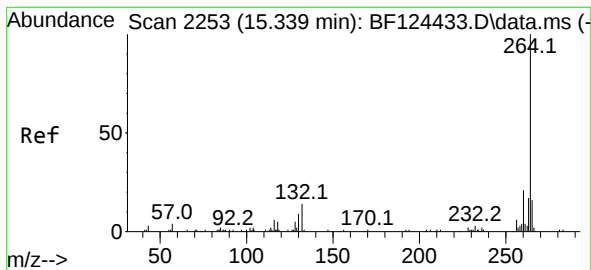
Tgt Ion:184 Resp: 10810
Ion Ratio Lower Upper
184 100
185 16.3 12.1 18.1
183 9.2 7.8 11.8



#79
Terphenyl-d14
Concen: 80.617 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF124518.D
Acq: 2 Jul 2021 14:40

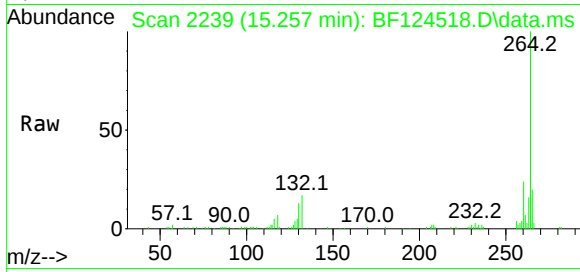
Tgt Ion:244 Resp: 679312
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.8 9.7 14.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.257 min Scan# 2239
 Delta R.T. -0.006 min
 Lab File: BF124518.D
 Acq: 2 Jul 2021 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB137485BL



Tgt Ion:264 Resp: 106726
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 19.8 17.8 26.8

