

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130498.D
 Acq On : 03 Oct 2022 14:56
 Operator : CG\JU
 Sample : N4888-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1

Quant Time: Oct 04 03:15:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

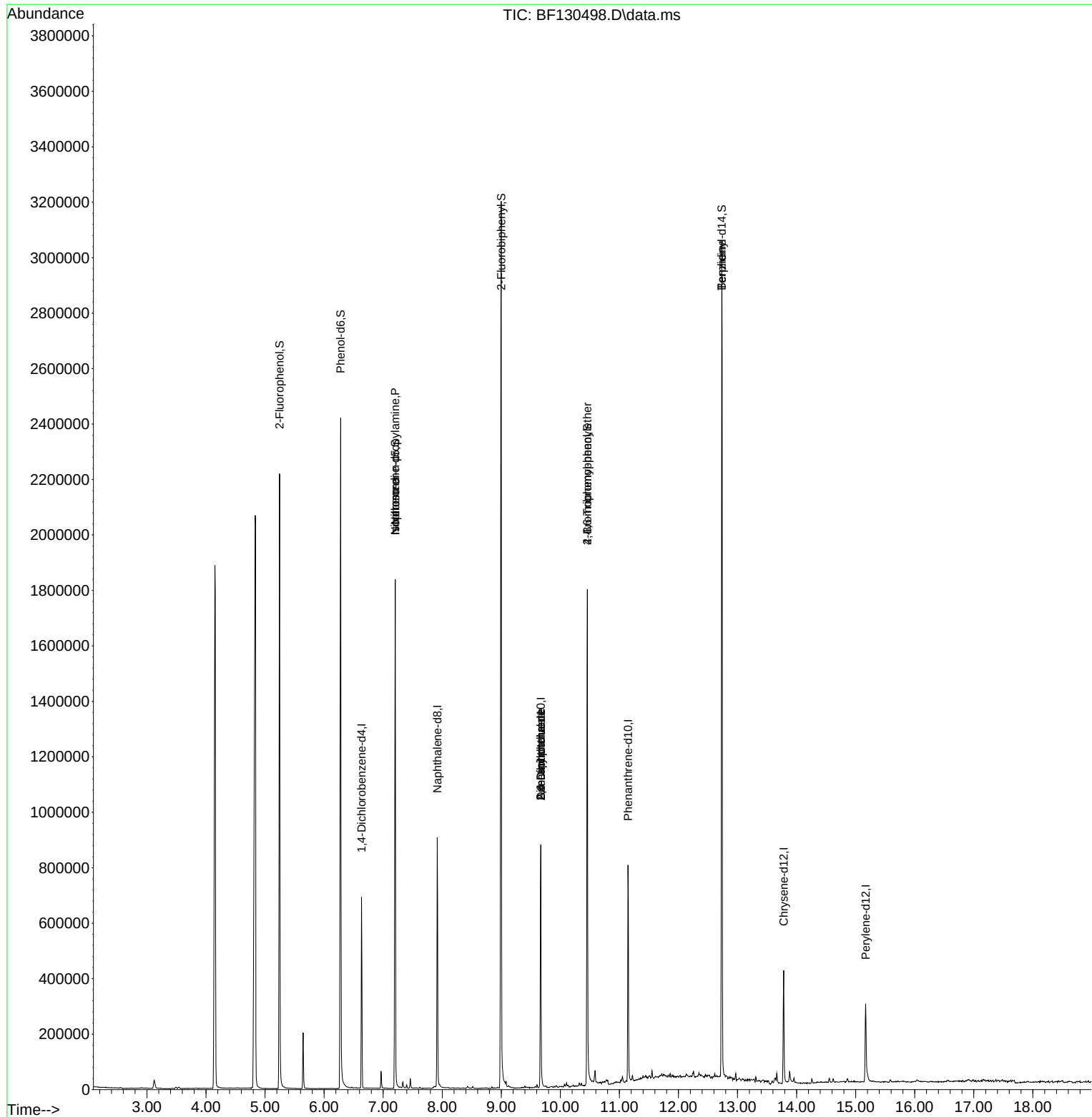
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	86554	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	390635	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	189288	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	276009	20.000	ng	#-0.01
76) Chrysene-d12	13.780	240	141216	20.000	ng	-0.01
86) Perylene-d12	15.169	264	142503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	544778	109.169	ng	0.00
7) Phenol-d6	6.281	99	786239	125.920	ng	-0.01
23) Nitrobenzene-d5	7.204	82	582433	76.172	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	190792	105.193	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	1024791	78.837	ng	-0.01
79) Terphenyl-d14	12.733	244	1035580	121.476	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	79049	18.762	ng	# 75
25) Isophorone	7.204	82	582429	47.260	ng	# 66
50) Dimethylphthalate	9.669	163	34301	2.623	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	23613	8.635	ng	# 16
57) 2,4-Dinitrotoluene	9.669	165	23613	6.757	ng	# 17
67) 4-Bromophenyl-phenylether	10.457	248	12323	4.047	ng	# 1
77) Benzidine	12.733	184	15939	3.888	ng	# 89

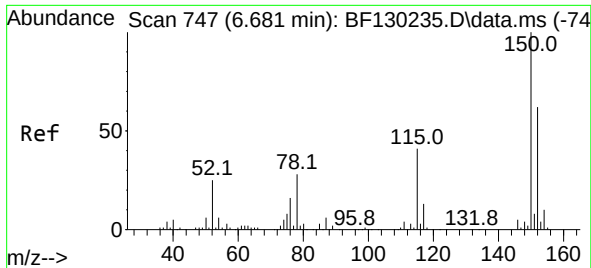
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
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Sample : N4888-03
Misc :
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Quant Time: Oct 04 03:15:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
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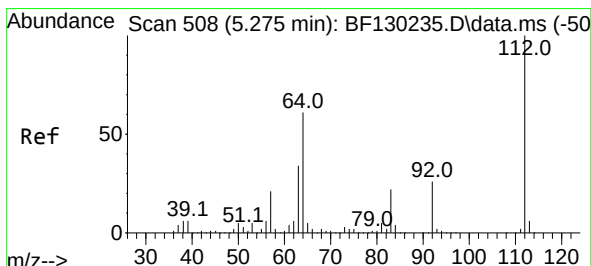
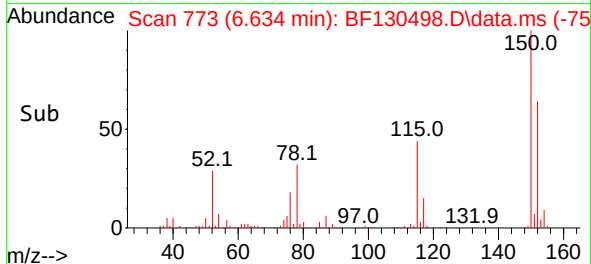
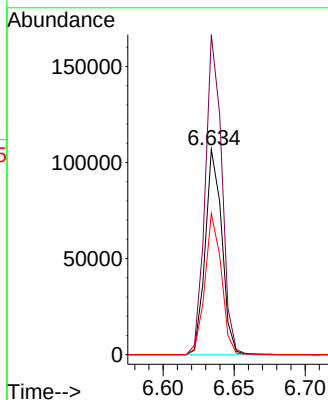
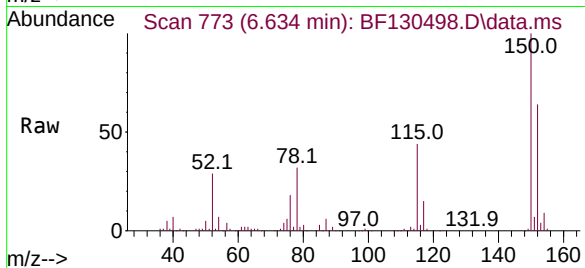




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

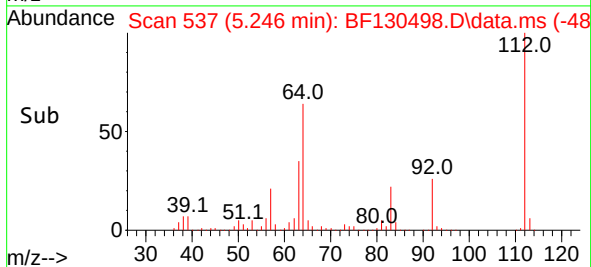
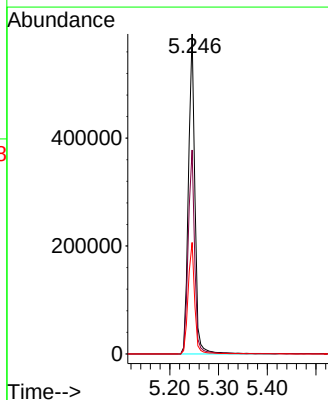
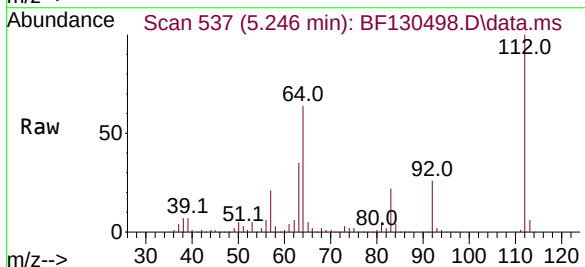
Instrument :
BNA_F
ClientSampleId :
T-1

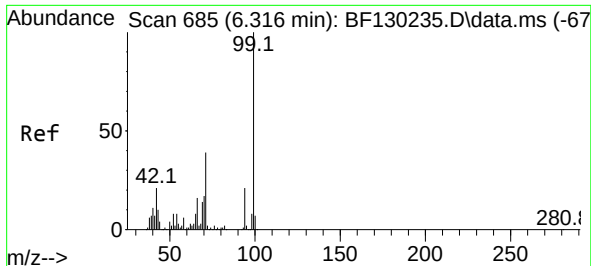
Tgt Ion:152 Resp: 86554
Ion Ratio Lower Upper
152 100
150 156.1 122.8 184.2
115 68.8 53.8 80.8



#5
2-Fluorophenol
Concen: 109.169 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

Tgt Ion:112 Resp: 544778
Ion Ratio Lower Upper
112 100
64 63.7 51.4 77.0
63 34.8 28.8 43.2





#7
Phenol-d6
Concen: 125.920 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

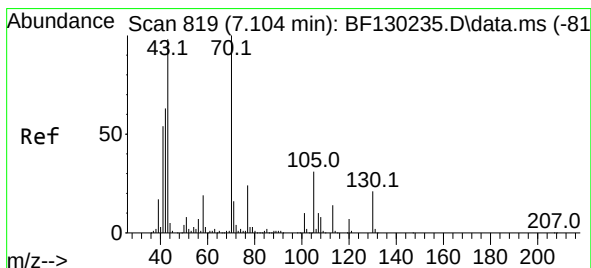
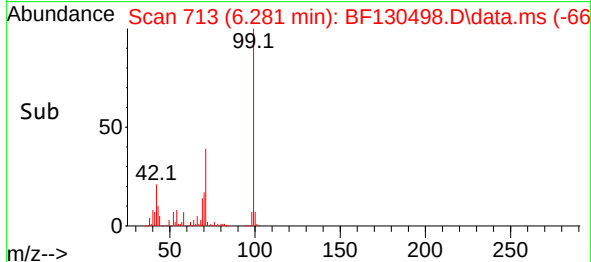
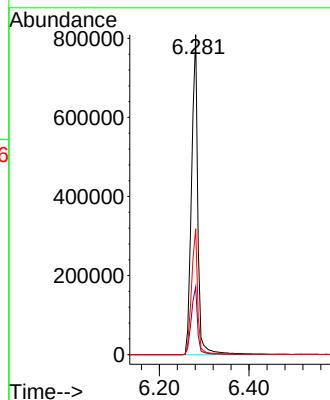
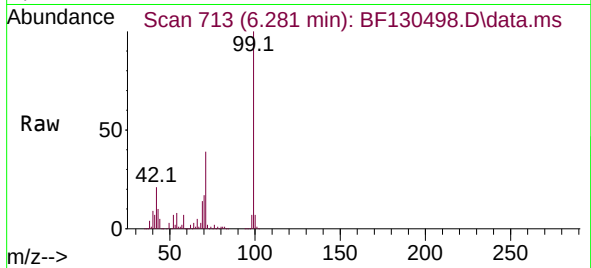
Instrument :

BNA_F

ClientSampleId :

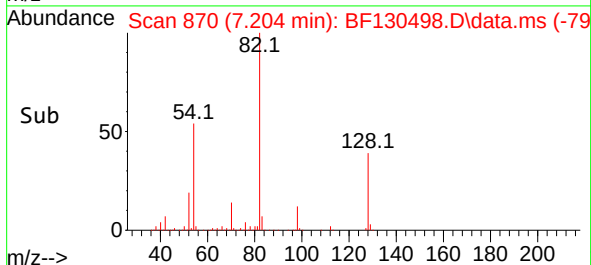
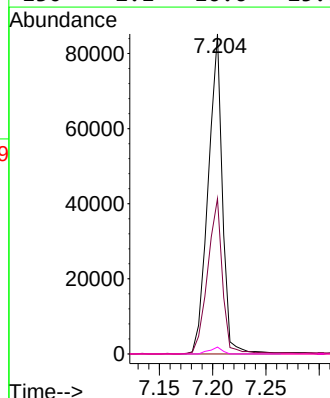
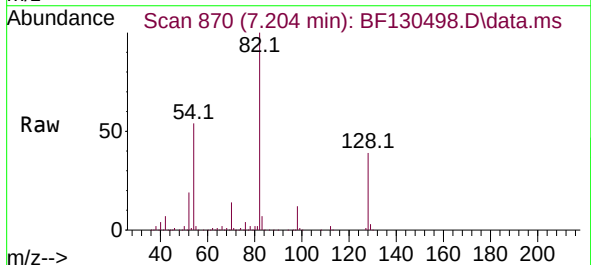
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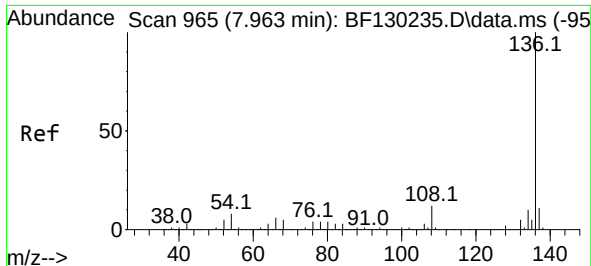
Tgt Ion: 99 Resp: 786239
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 39.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.762 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.136 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

Tgt Ion: 70 Resp: 79049
Ion Ratio Lower Upper
70 100
42 48.5 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

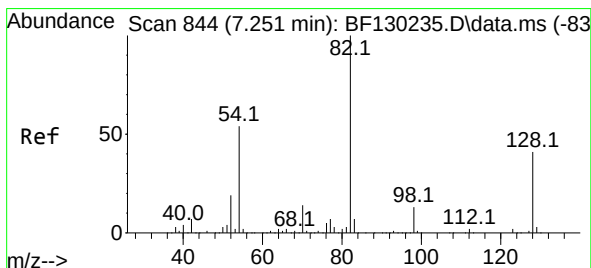
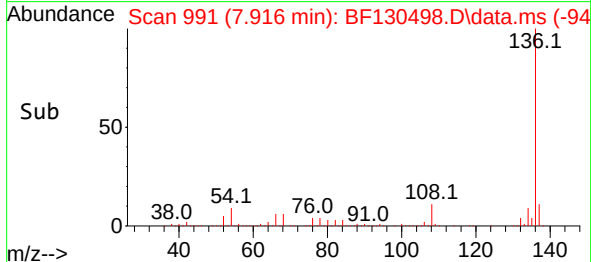
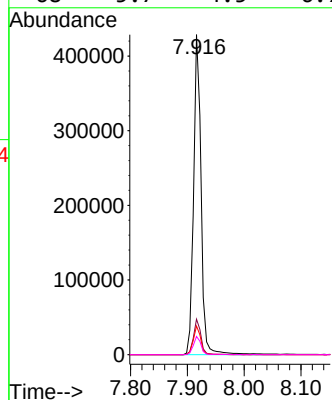
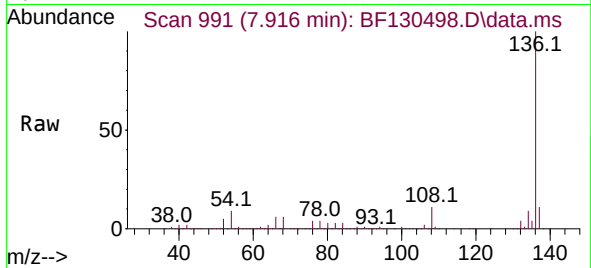




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

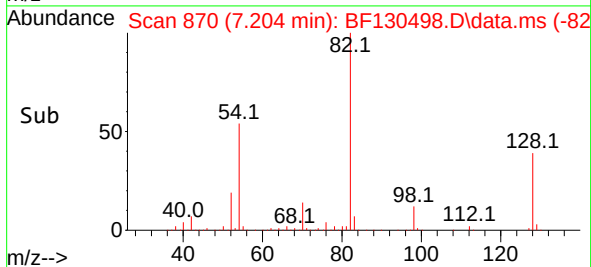
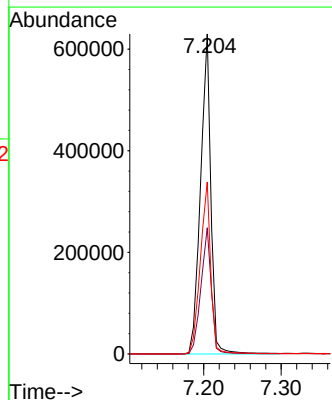
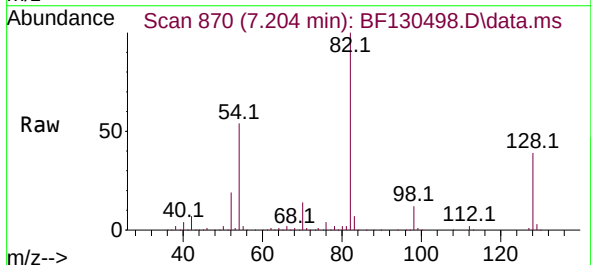
Instrument :
BNA_F
ClientSampleId :
T-1

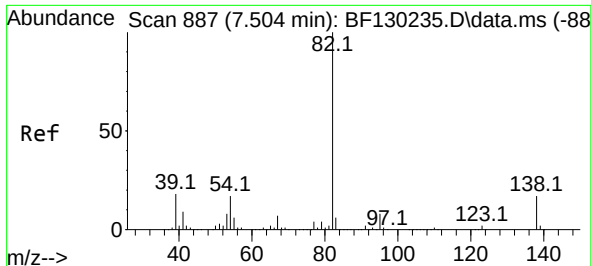
Tgt Ion:136 Resp: 390635
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.9 7.1 10.7
68 5.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 76.172 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

Tgt Ion: 82 Resp: 582433
Ion Ratio Lower Upper
82 100
128 39.4 32.6 49.0
54 53.7 43.8 65.6

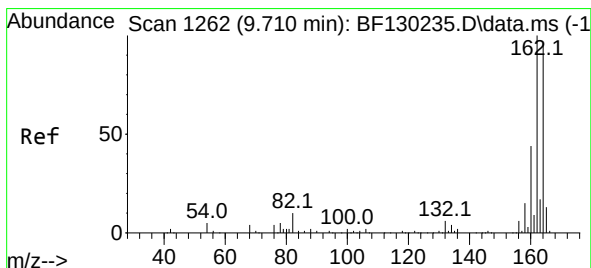
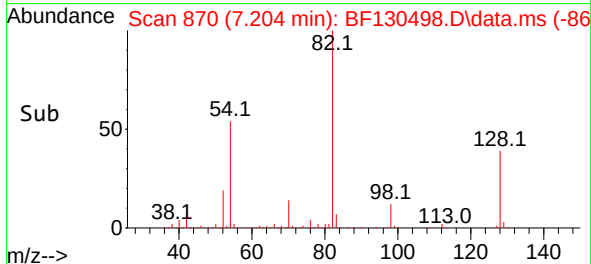
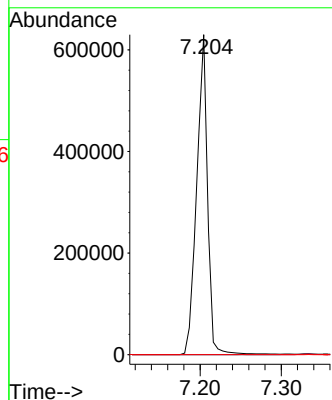
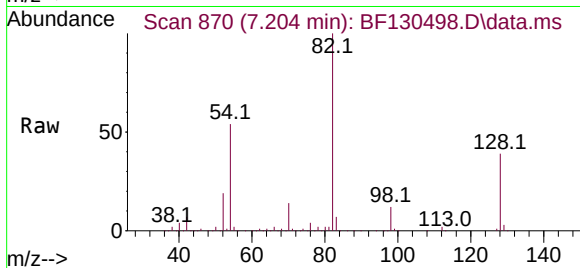




#25
Isophorone
Concen: 47.260 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

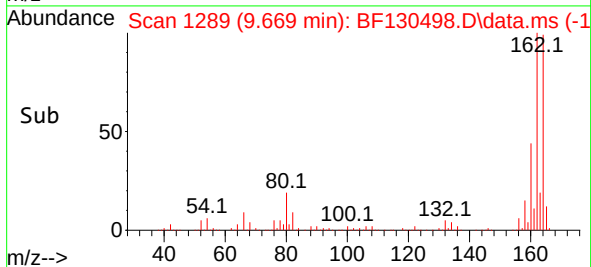
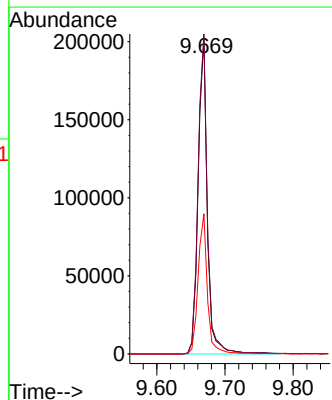
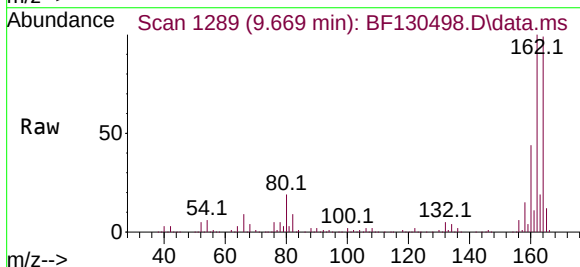
Instrument :
BNA_F
ClientSampleId :
T-1

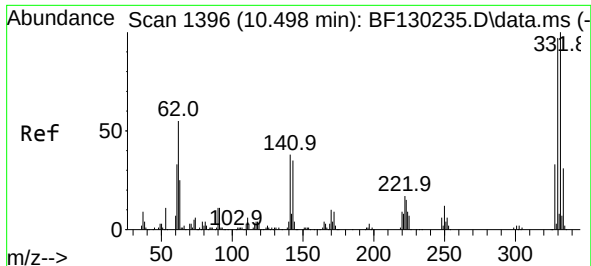
Tgt Ion: 82 Resp: 582429
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

Tgt Ion:164 Resp: 189288
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 105.193 ng

RT: 10.457 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF130498.D

Acq: 03 Oct 2022 14:56

Instrument :

BNA_F

ClientSampleId :

T-1

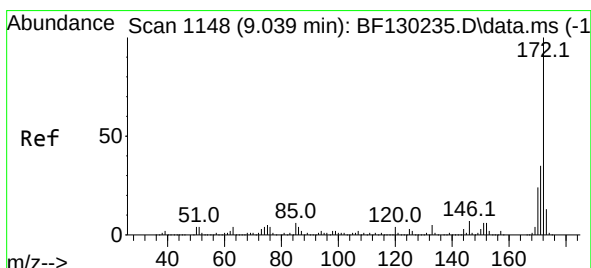
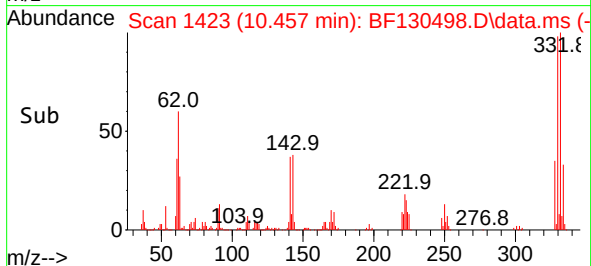
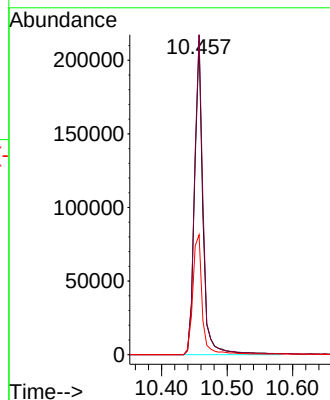
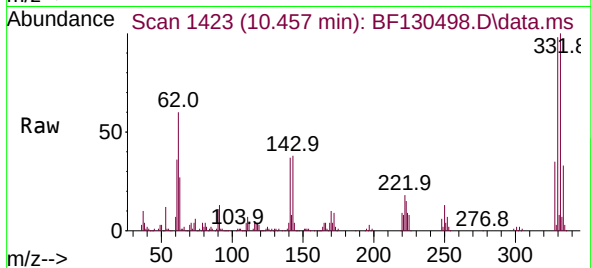
Tgt Ion:330 Resp: 190792

Ion Ratio Lower Upper

330 100

332 104.2 83.4 125.2

141 43.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 78.837 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130498.D

Acq: 03 Oct 2022 14:56

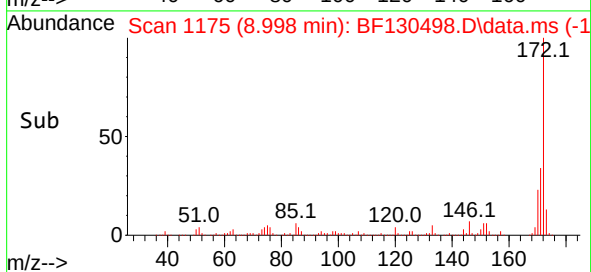
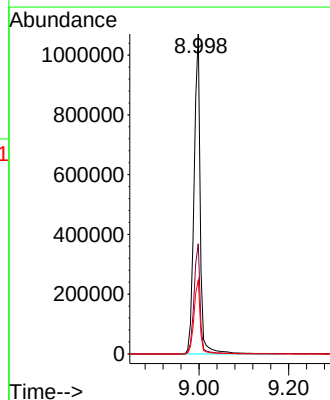
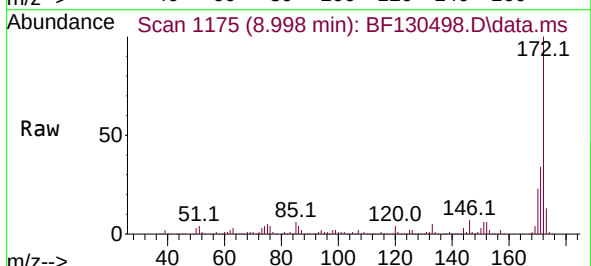
Tgt Ion:172 Resp: 1024791

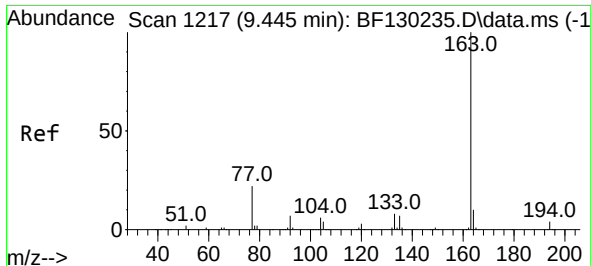
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 23.1 18.7 28.1

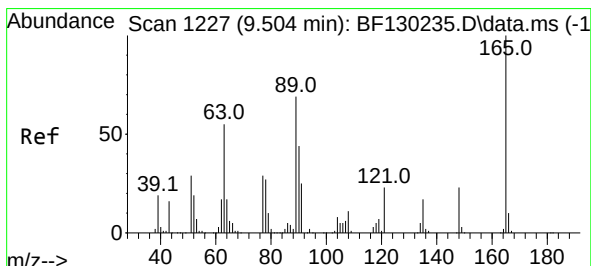
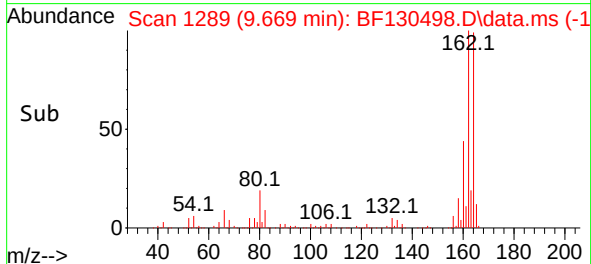
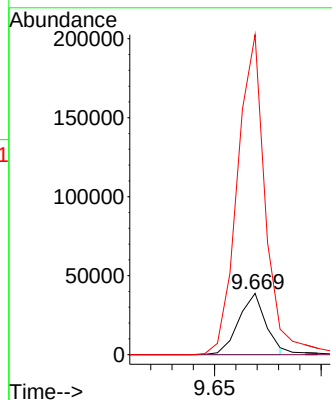
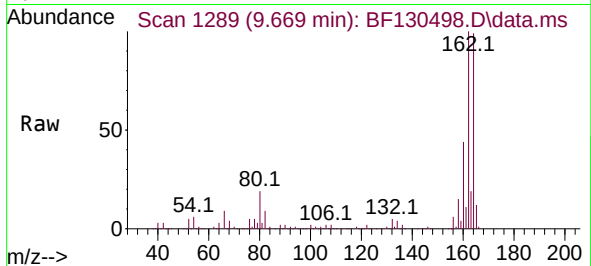




#50
Dimethylphthalate
Concen: 2.623 ng
RT: 9.669 min Scan# 1217
Delta R.T. 0.253 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

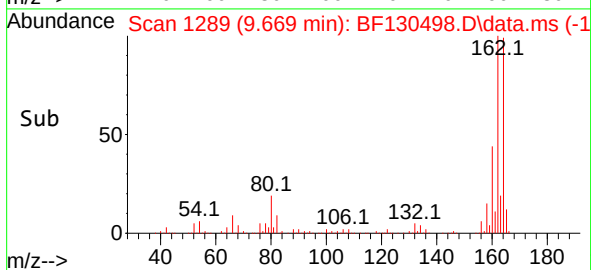
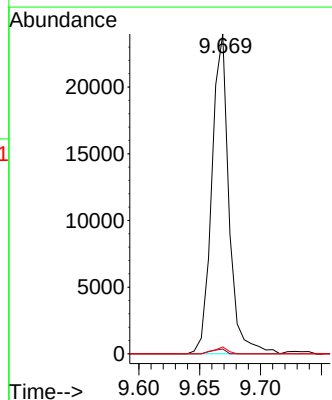
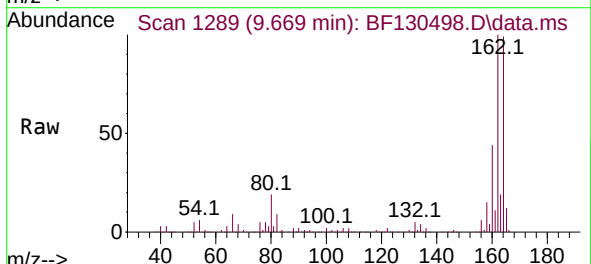
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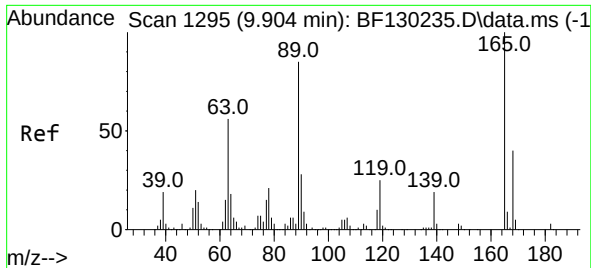
Tgt Ion:163 Resp: 34301
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 523.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.635 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

Tgt Ion:165 Resp: 23613
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 2.2 54.5 81.7#

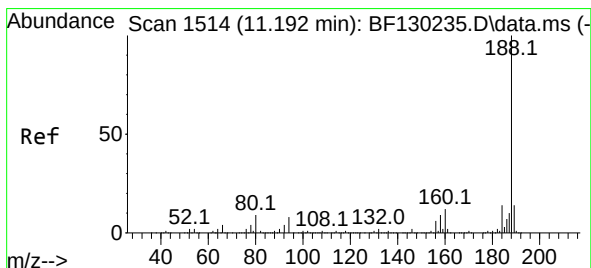
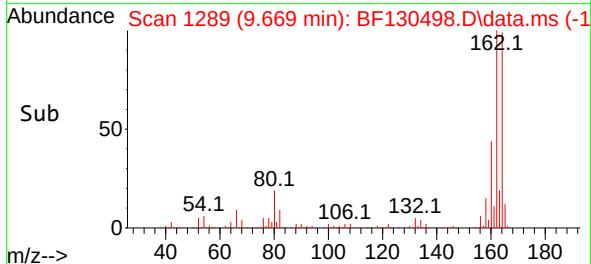
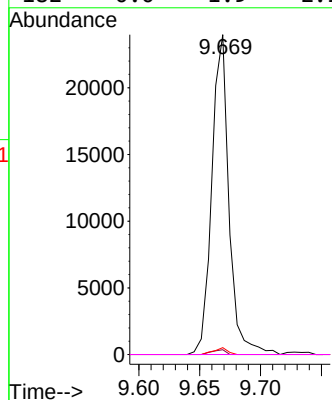
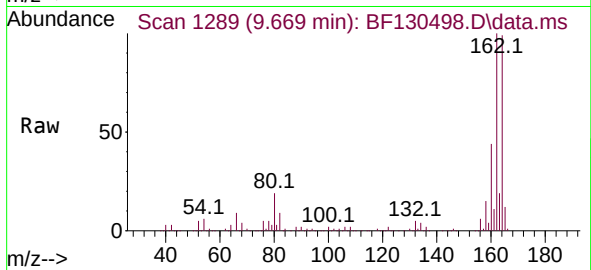




#57
2,4-Dinitrotoluene
Concen: 6.757 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

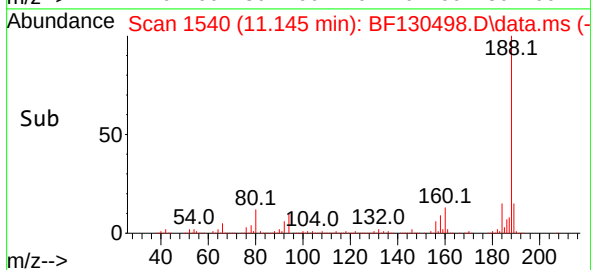
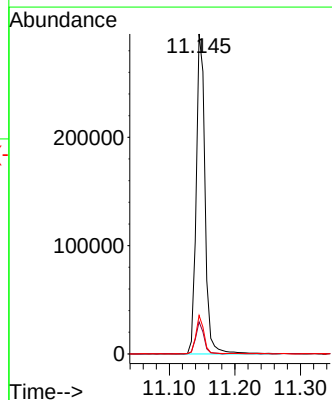
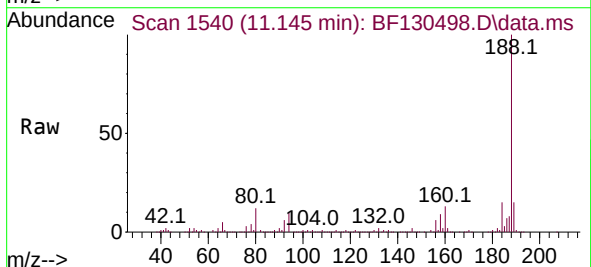
Instrument :
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ClientSampleId :
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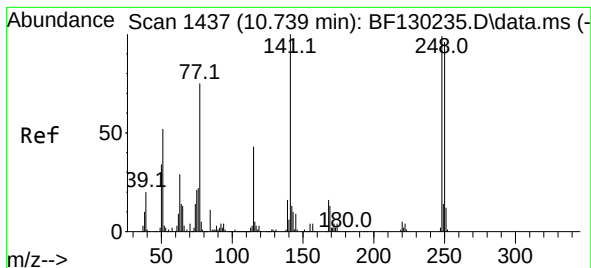
Tgt Ion:165 Resp: 23613
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 2.2 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

Tgt Ion:188 Resp: 276009
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 12.0 7.9 11.9#

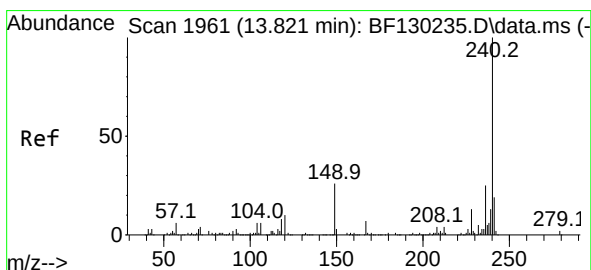
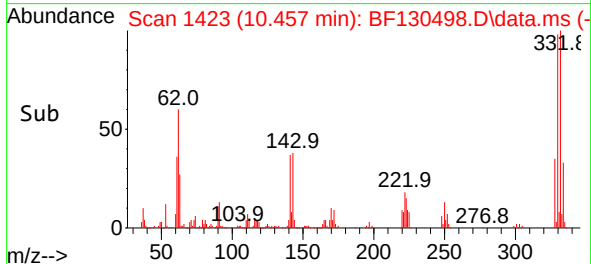
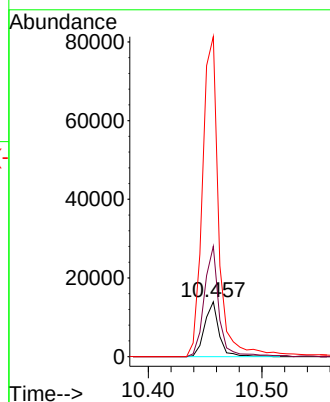
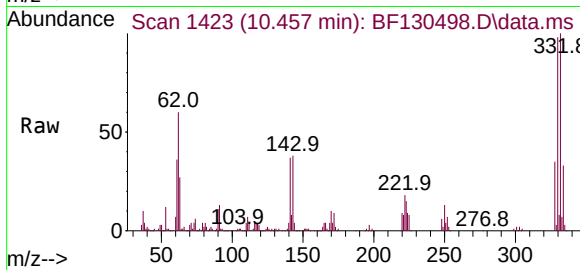




#67
4-Bromophenyl-phenylether
Concen: 4.047 ng
RT: 10.457 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

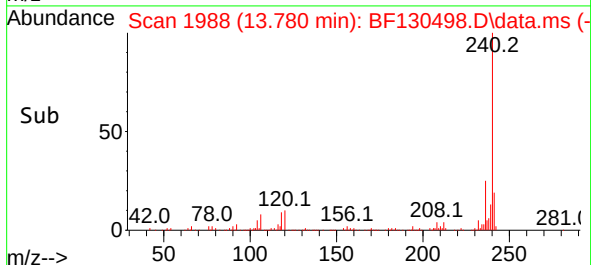
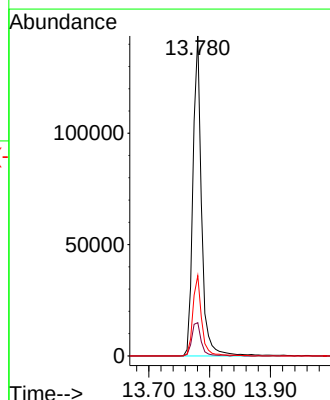
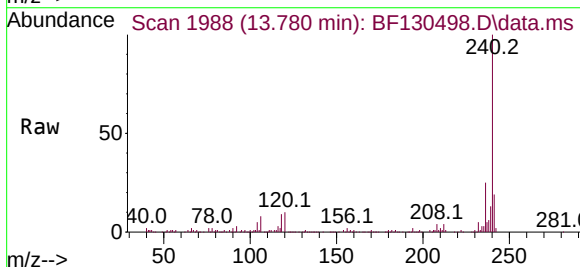
Instrument :
BNA_F
ClientSampleId :
T-1

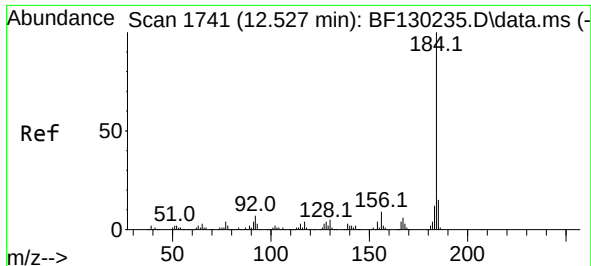
Tgt Ion:248 Resp: 12323
Ion Ratio Lower Upper
248 100
250 201.3 80.0 120.0#
141 584.2 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.011 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

Tgt Ion:240 Resp: 141216
Ion Ratio Lower Upper
240 100
120 10.4 8.7 13.1
236 25.1 20.9 31.3

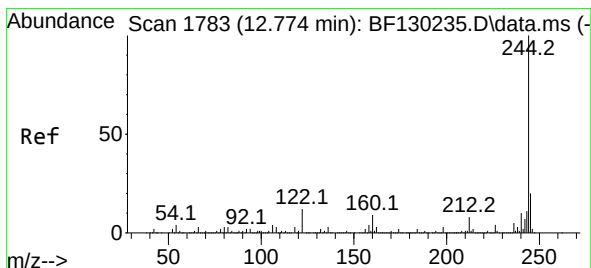
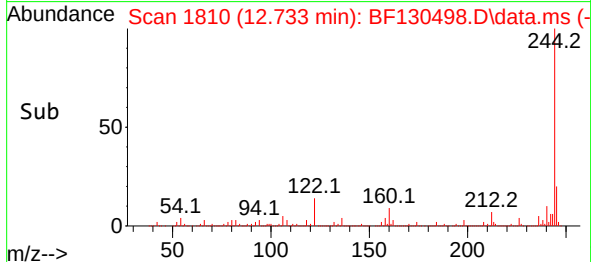
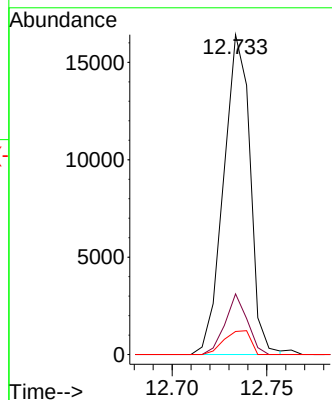
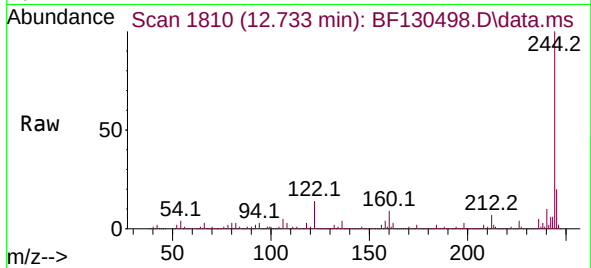




#77
Benzidine
Concen: 3.888 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.236 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

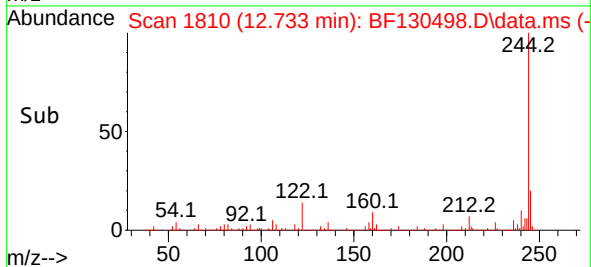
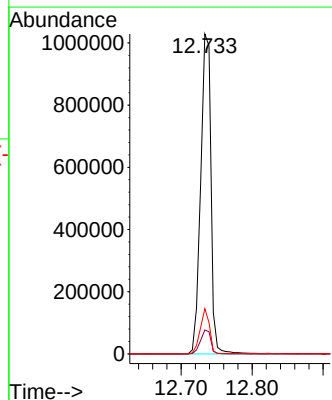
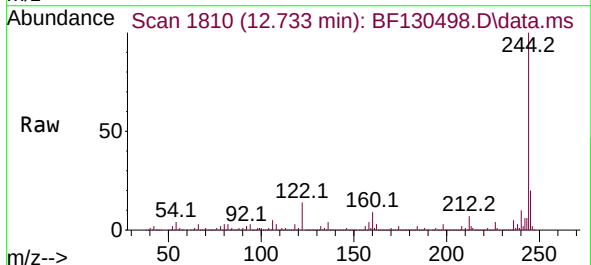
Instrument :
BNA_F
ClientSampleId :
T-1

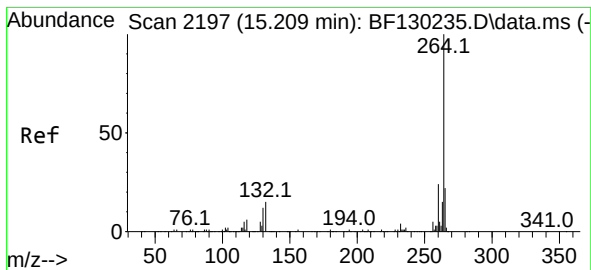
Tgt Ion:184 Resp: 15939
Ion Ratio Lower Upper
184 100
185 19.0 11.8 17.6#
183 7.2 9.1 13.7#



#79
Terphenyl-d14
Concen: 121.476 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

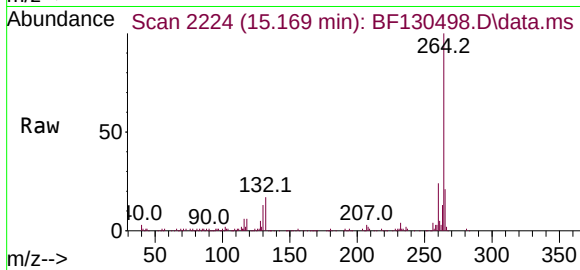
Tgt Ion:244 Resp: 1035580
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 14.1 8.5 12.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.169 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130498.D
 Acq: 03 Oct 2022 14:56

Instrument :
 BNA_F
 ClientSampleId :
 T-1



Tgt Ion:264 Resp: 142503
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 20.9 17.0 25.4

