

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
 Data File : BF130269.D
 Acq On : 15 Sep 2022 14:02
 Operator : CG\JU
 Sample : NS551-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251032-2

Quant Time: Sep 16 03:26:38 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 14 14:55:51 2022
 Response via : Initial Calibration

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

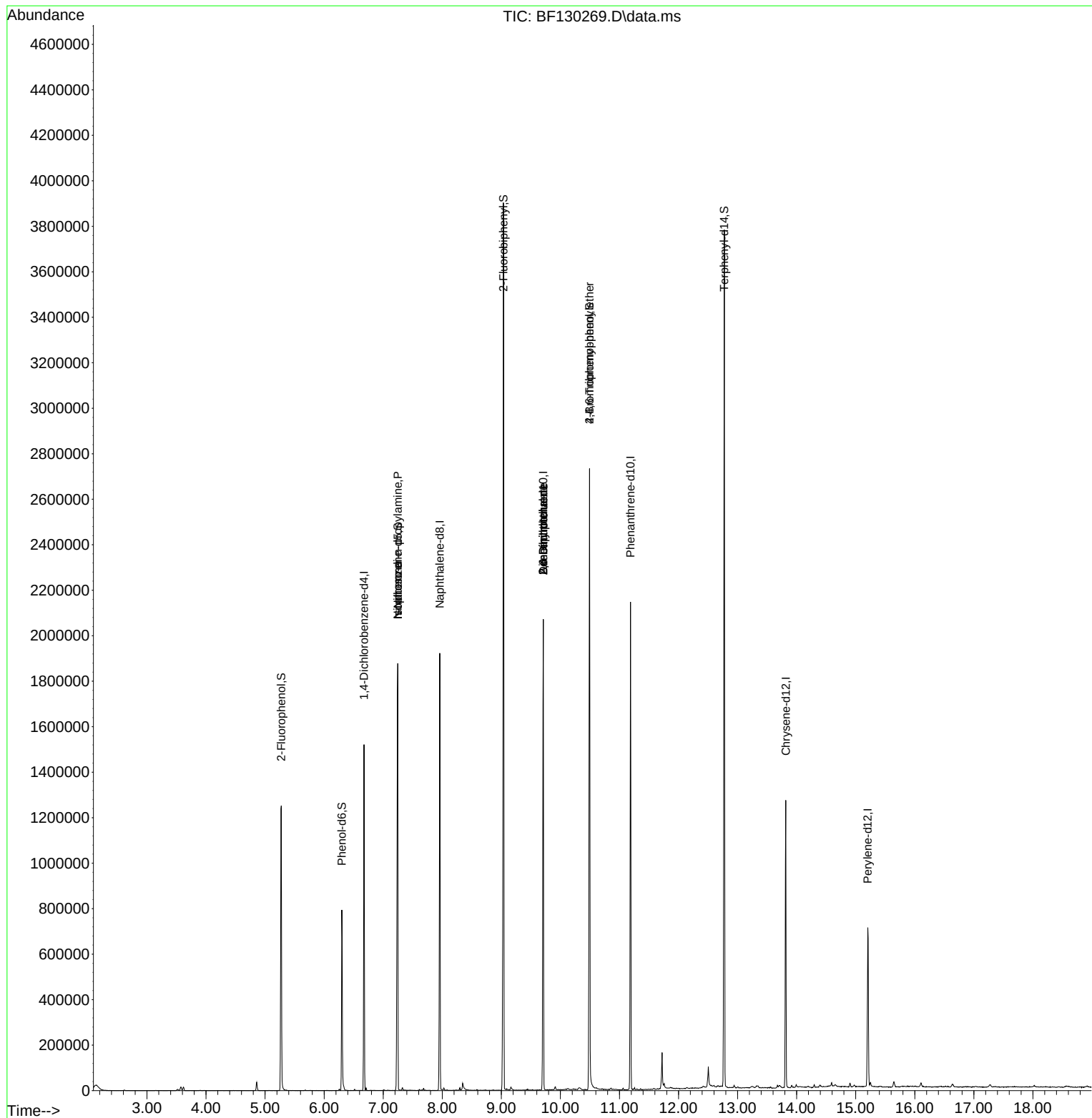
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	191796	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	757189	20.000	ng	0.00
39) Acenaphthene-d10	9.710	164	408157	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	699834	20.000	ng	0.00
76) Chrysene-d12	13.816	240	396217	20.000	ng	0.00
86) Perylene-d12	15.204	264	303142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	346640	31.348	ng	0.00
7) Phenol-d6	6.298	99	259481	18.754	ng	-0.02
23) Nitrobenzene-d5	7.245	82	684564	46.188	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	304753	77.924	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1233127	43.995	ng	0.00
79) Terphenyl-d14	12.774	244	1191007	49.793	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.245	70	94972	10.172	ng	# 75
25) Isophorone	7.245	82	683281	28.603	ng	# 66
50) Dimethylphthalate	9.710	163	76776	2.723	ng	# 1
51) 2,6-Dinitrotoluene	9.710	165	54054	9.167	ng	# 16
57) 2,4-Dinitrotoluene	9.710	165	54054	7.173	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	19474	2.522	ng	# 1

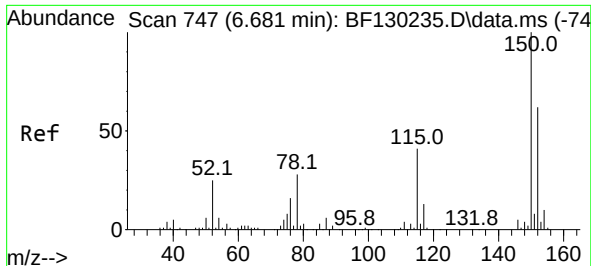
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
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Response via : Initial Calibration

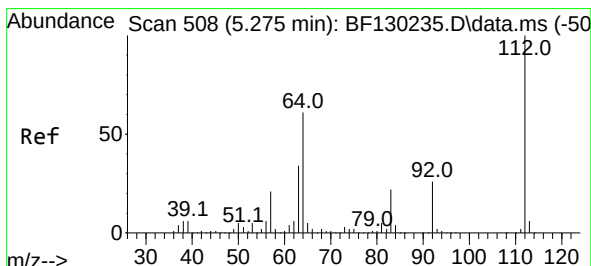
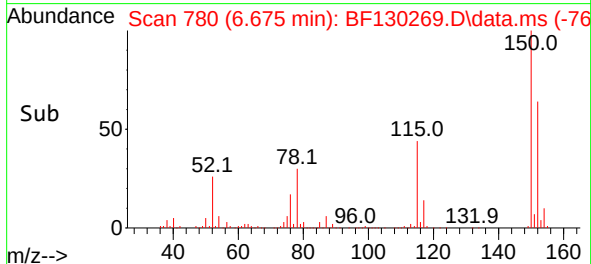
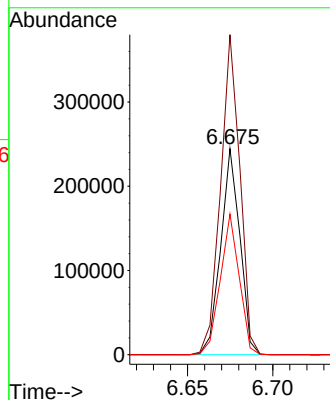
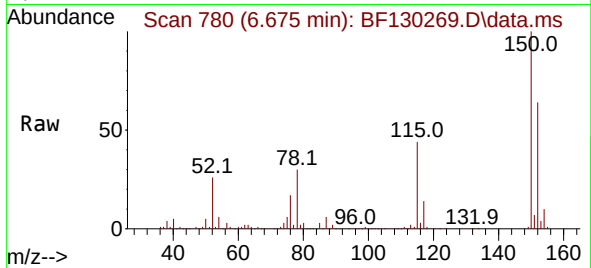




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: BF130269.D
 Acq: 15 Sep 2022 14:02

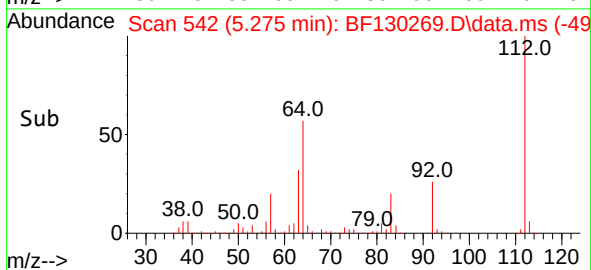
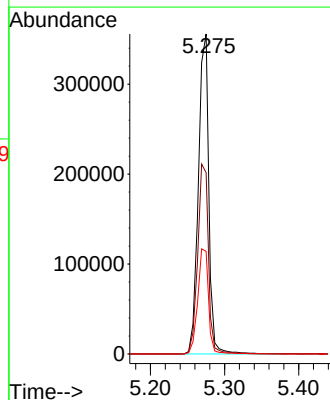
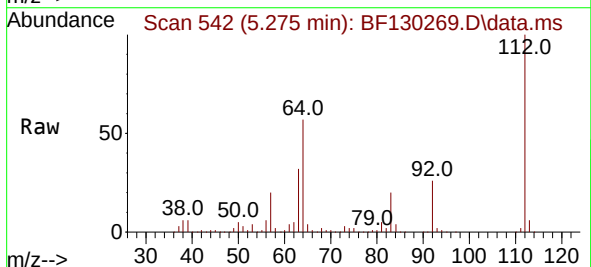
Instrument :
 BNA_F
 ClientSampleId :
 251032-2

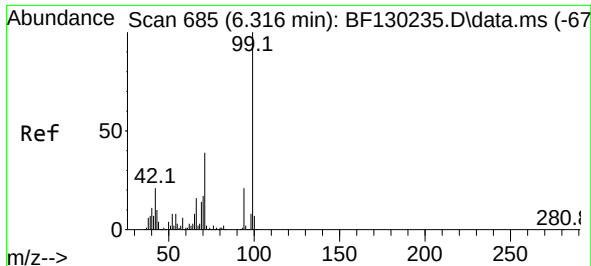
Tgt Ion:152 Resp: 191796
 Ion Ratio Lower Upper
 152 100
 150 155.3 122.8 184.2
 115 68.3 53.8 80.8



#5
 2-Fluorophenol
 Concen: 31.348 ng
 RT: 5.275 min Scan# 542
 Delta R.T. 0.000 min
 Lab File: BF130269.D
 Acq: 15 Sep 2022 14:02

Tgt Ion:112 Resp: 346640
 Ion Ratio Lower Upper
 112 100
 64 56.6 51.4 77.0
 63 32.0 28.8 43.2

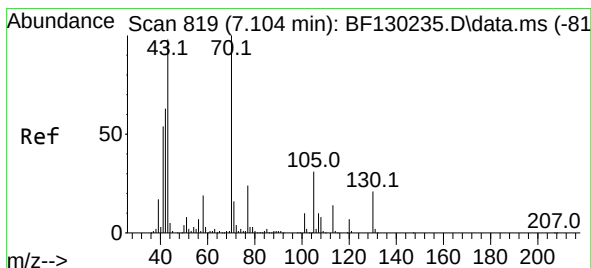
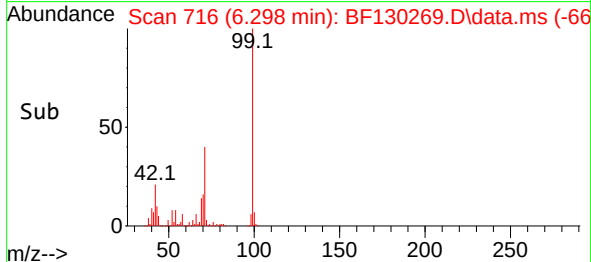
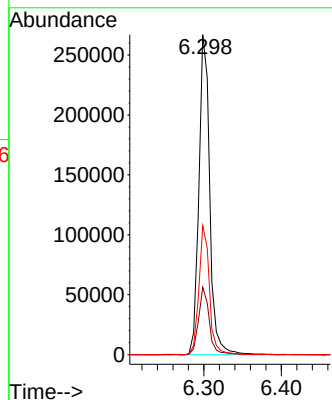
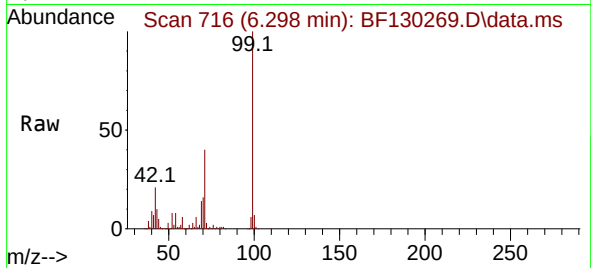




#7
Phenol-d6
Concen: 18.754 ng
RT: 6.298 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

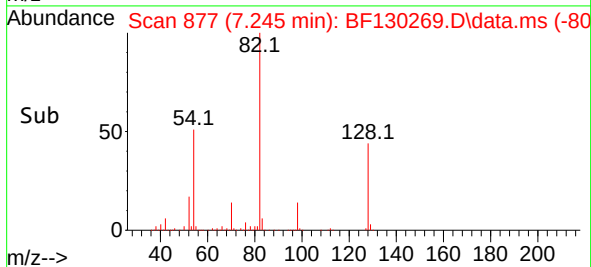
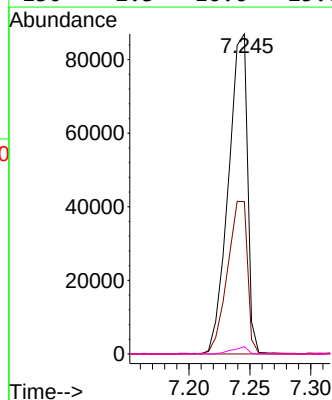
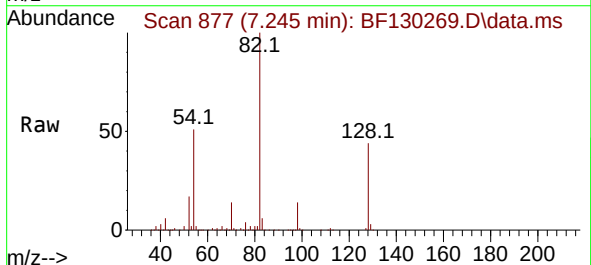
Instrument :
BNA_F
ClientSampleId :
251032-2

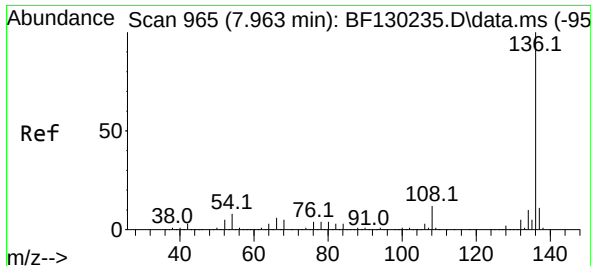
Tgt Ion: 99 Resp: 259481
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 40.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.172 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.141 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

Tgt Ion: 70 Resp: 94972
Ion Ratio Lower Upper
70 100
42 47.6 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

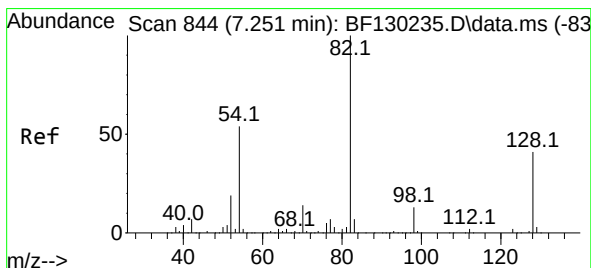
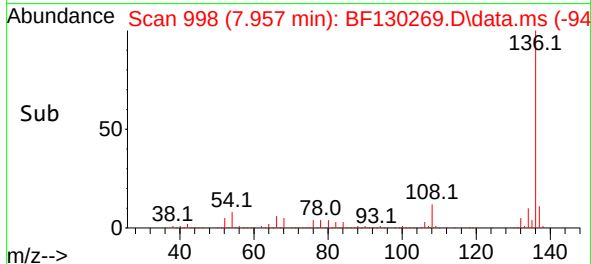
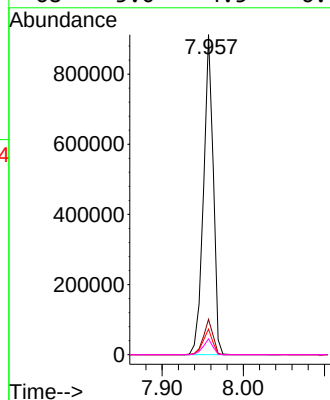
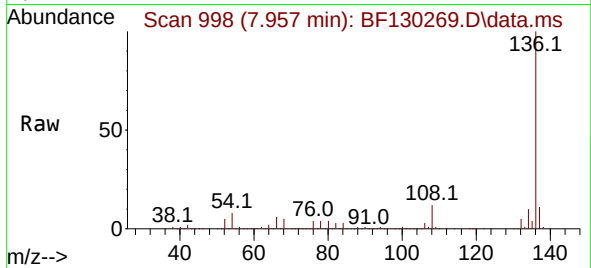




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

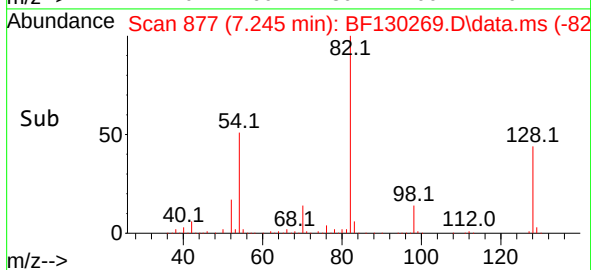
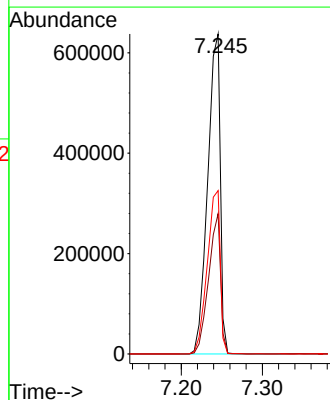
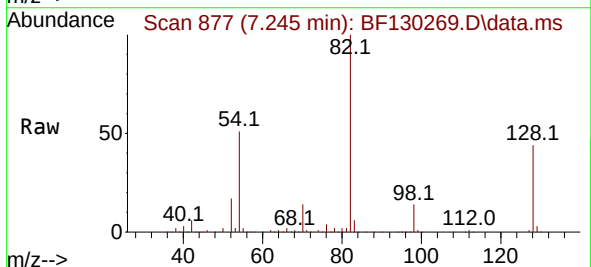
Instrument :
BNA_F
ClientSampleId :
251032-2

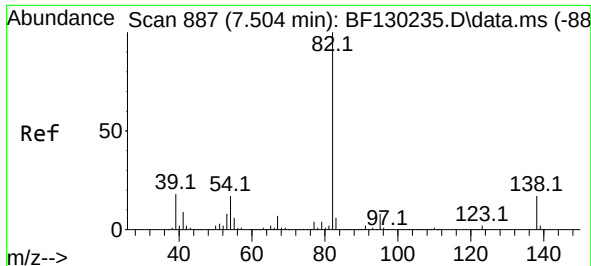
Tgt Ion:136 Resp: 757189
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.0 7.1 10.7
68 5.0 4.5 6.7



#23
Nitrobenzene-d5
Concen: 46.188 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

Tgt Ion: 82 Resp: 684564
Ion Ratio Lower Upper
82 100
128 43.8 32.6 49.0
54 51.0 43.8 65.6

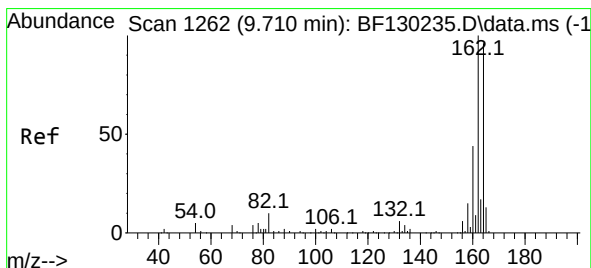
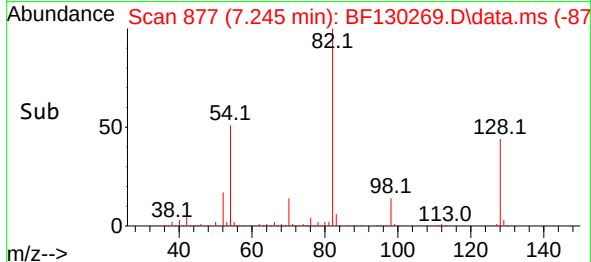
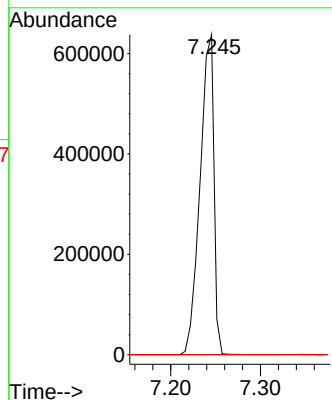
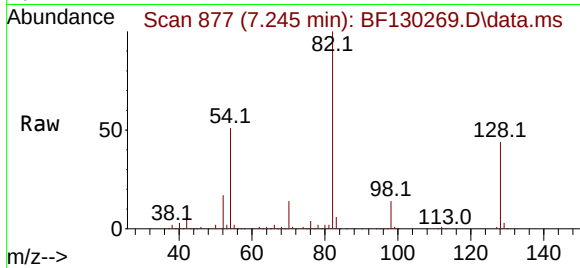




#25
Isophorone
Concen: 28.603 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

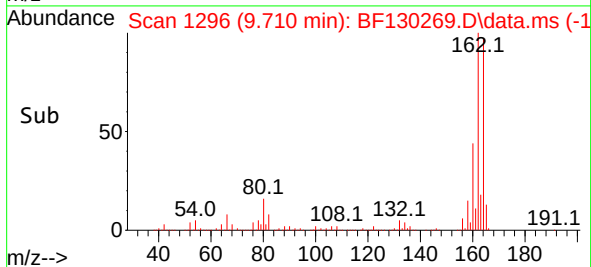
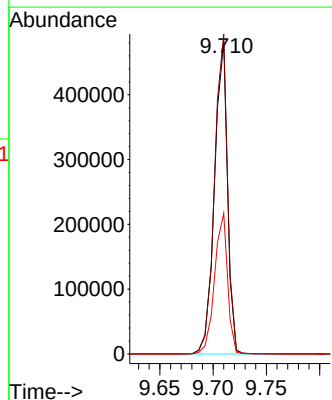
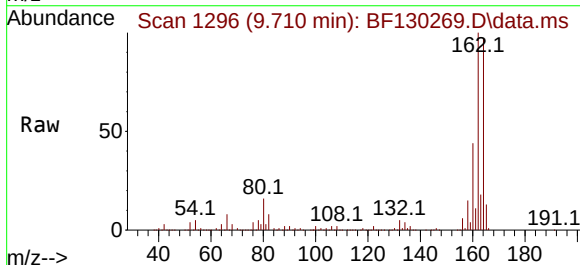
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ClientSampleId :
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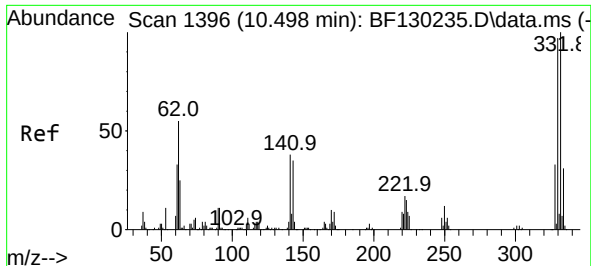
Tgt Ion: 82 Resp: 683281
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

Tgt Ion:164 Resp: 408157
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 45.1 36.2 54.4

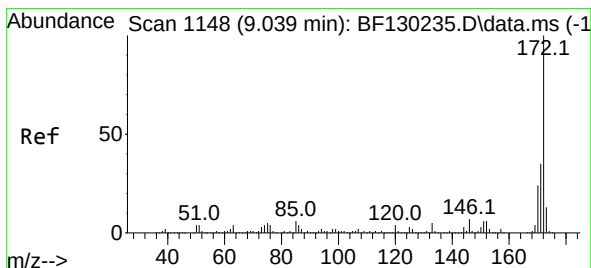
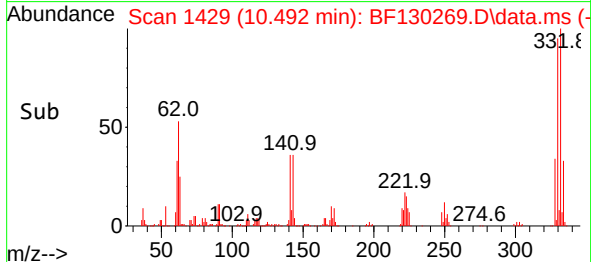
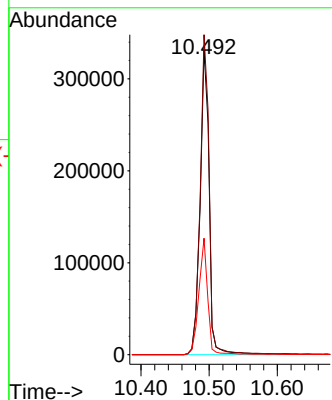
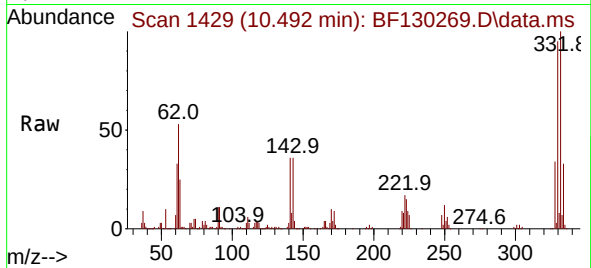




#42
2,4,6-Tribromophenol
Concen: 77.924 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

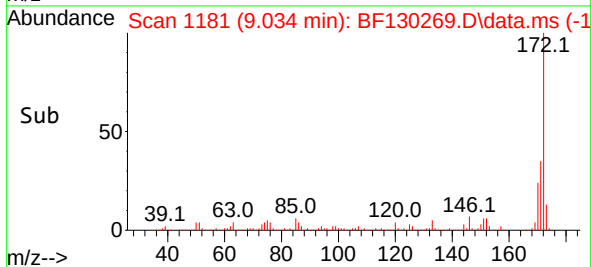
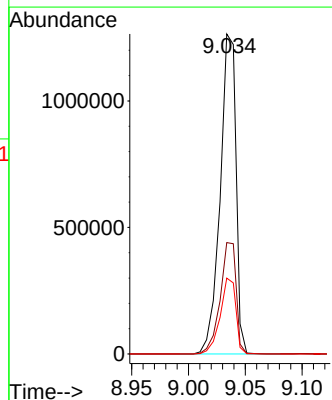
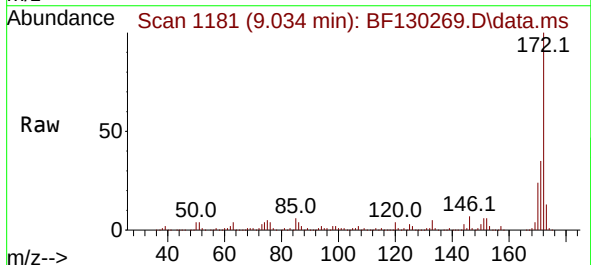
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ClientSampleId :
251032-2

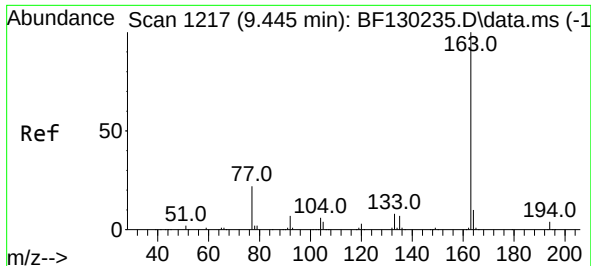
Tgt Ion: 330 Resp: 304753
Ion Ratio Lower Upper
330 100
332 105.2 83.4 125.2
141 37.6 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 43.995 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

Tgt Ion: 172 Resp: 1233127
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.7 18.7 28.1

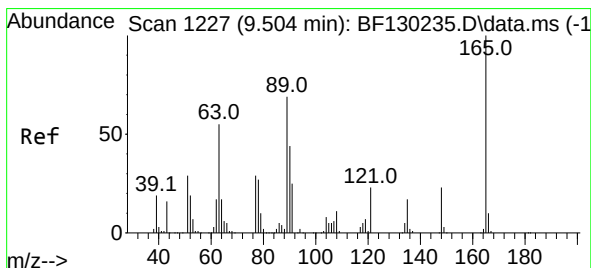
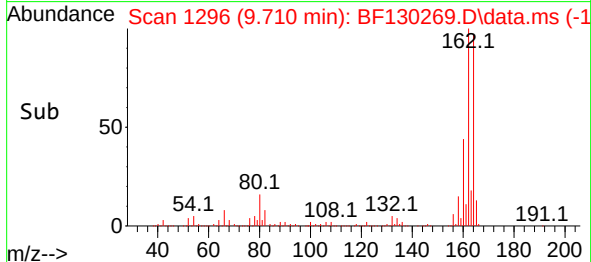
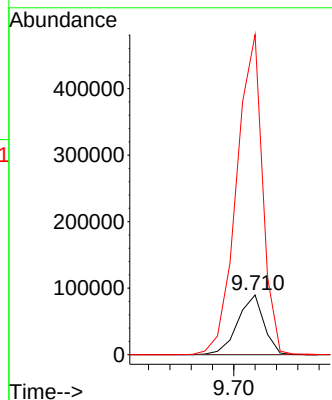
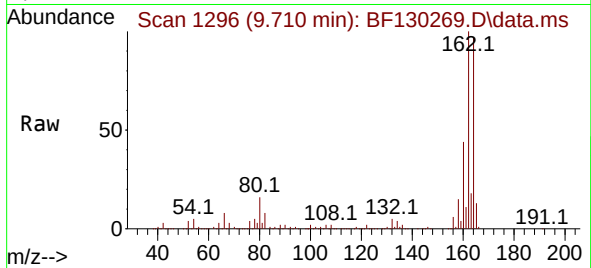




#50
Dimethylphthalate
Concen: 2.723 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.265 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

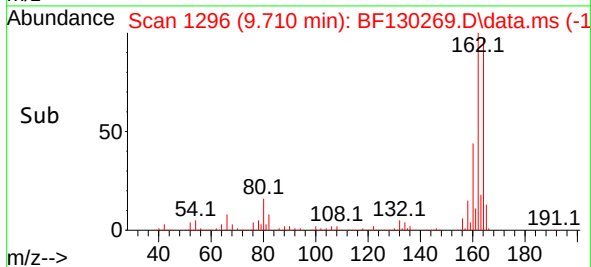
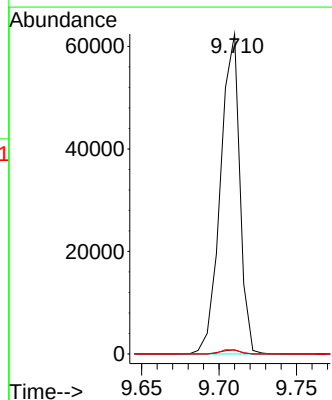
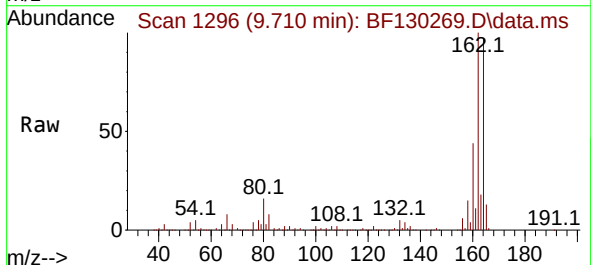
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BNA_F
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251032-2

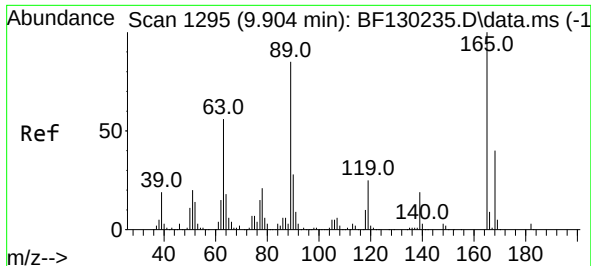
Tgt Ion:163 Resp: 76776
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 536.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.167 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

Tgt Ion:165 Resp: 54054
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 1.2 54.5 81.7#

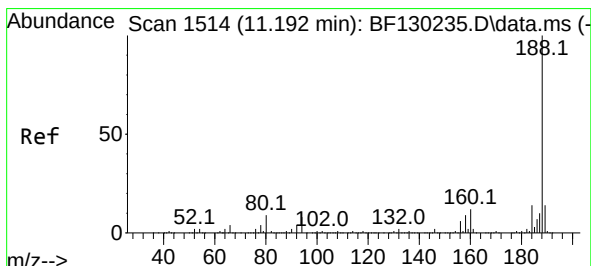
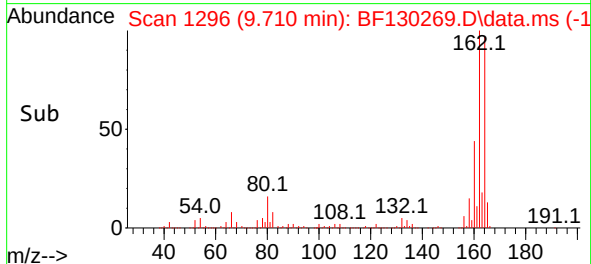
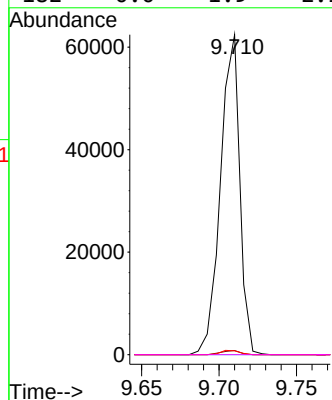
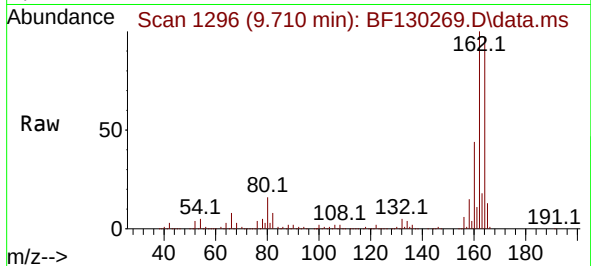




#57
2,4-Dinitrotoluene
Concen: 7.173 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

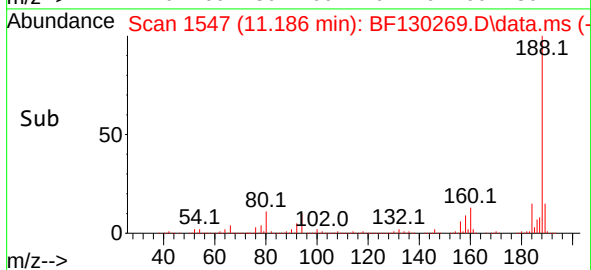
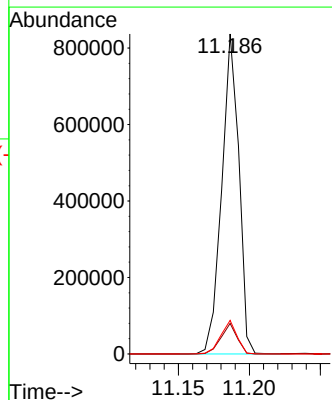
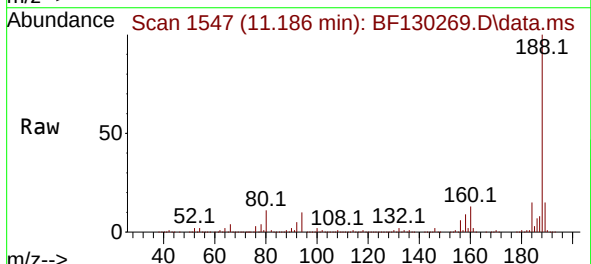
Instrument :
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251032-2

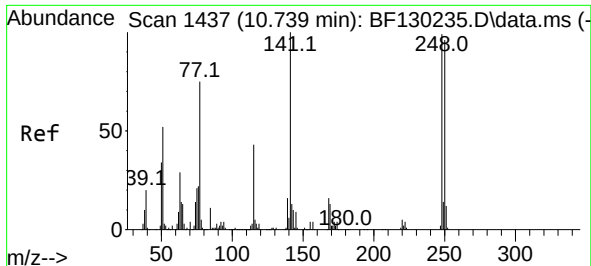
Tgt Ion:165 Resp: 54054
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.2 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

Tgt Ion:188 Resp: 699834
Ion Ratio Lower Upper
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94 9.6 7.4 11.2
80 10.5 7.9 11.9

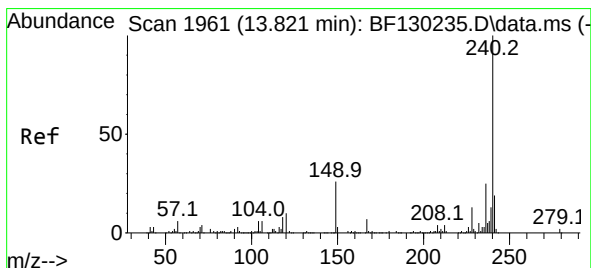
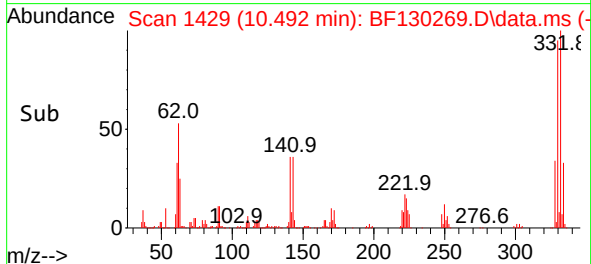
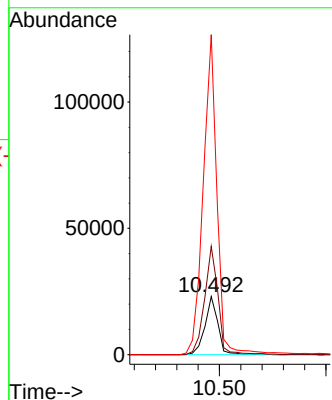
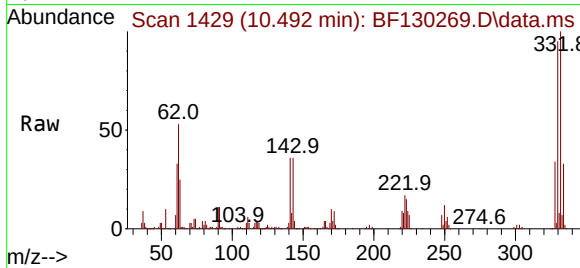




#67
4-Bromophenyl-phenylether
Concen: 2.522 ng
RT: 10.492 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

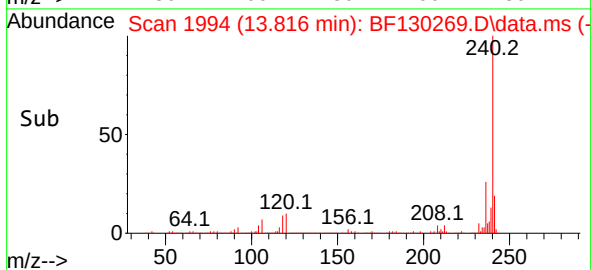
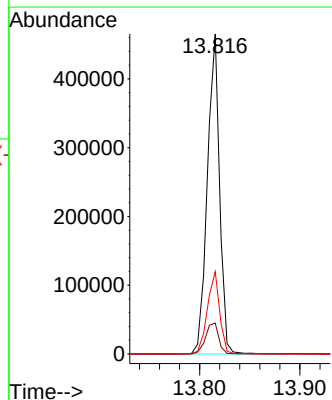
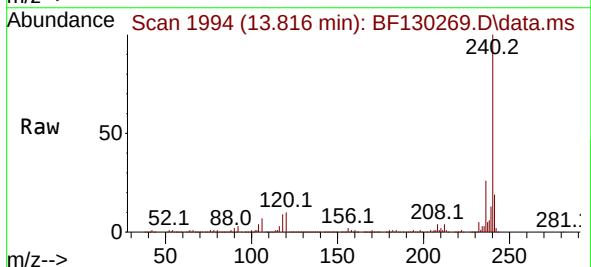
Instrument :
BNA_F
ClientSampleId :
251032-2

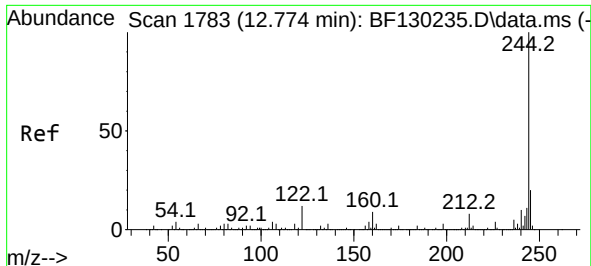
Tgt Ion:248 Resp: 19474
Ion Ratio Lower Upper
248 100
250 186.4 80.0 120.0#
141 550.5 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.816 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BF130269.D
Acq: 15 Sep 2022 14:02

Tgt Ion:240 Resp: 396217
Ion Ratio Lower Upper
240 100
120 9.7 8.7 13.1
236 25.7 20.9 31.3

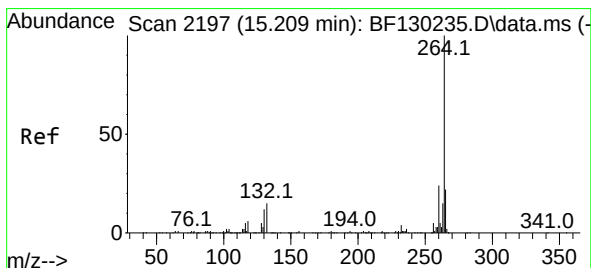
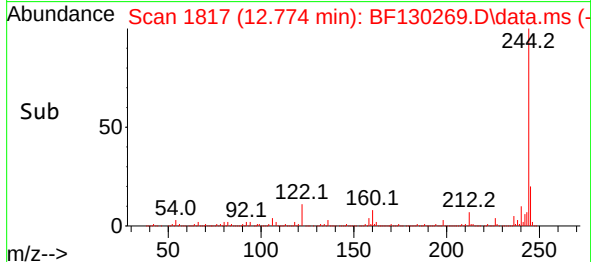
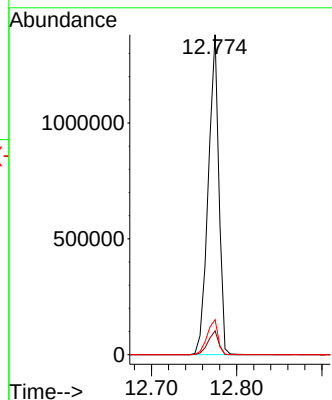
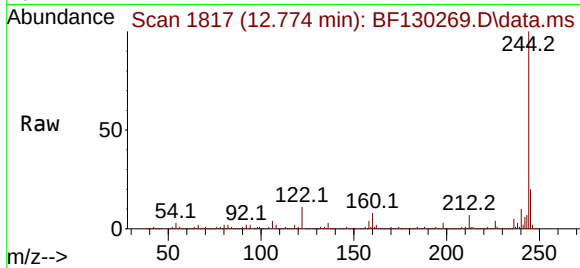




#79
 Terphenyl-d14
 Concen: 49.793 ng
 RT: 12.774 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130269.D
 Acq: 15 Sep 2022 14:02

Instrument :
 BNA_F
 ClientSampleId :
 251032-2

Tgt Ion:244 Resp: 1191007
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.0 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.204 min Scan# 2230
 Delta R.T. -0.006 min
 Lab File: BF130269.D
 Acq: 15 Sep 2022 14:02

Tgt Ion:264 Resp: 303142
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 20.9 17.0 25.4

