

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101122\
 Data File : BF130619.D
 Acq On : 11 Oct 2022 15:30
 Operator : CG\JU
 Sample : PB148225BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148225BL

Quant Time: Oct 12 07:17:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

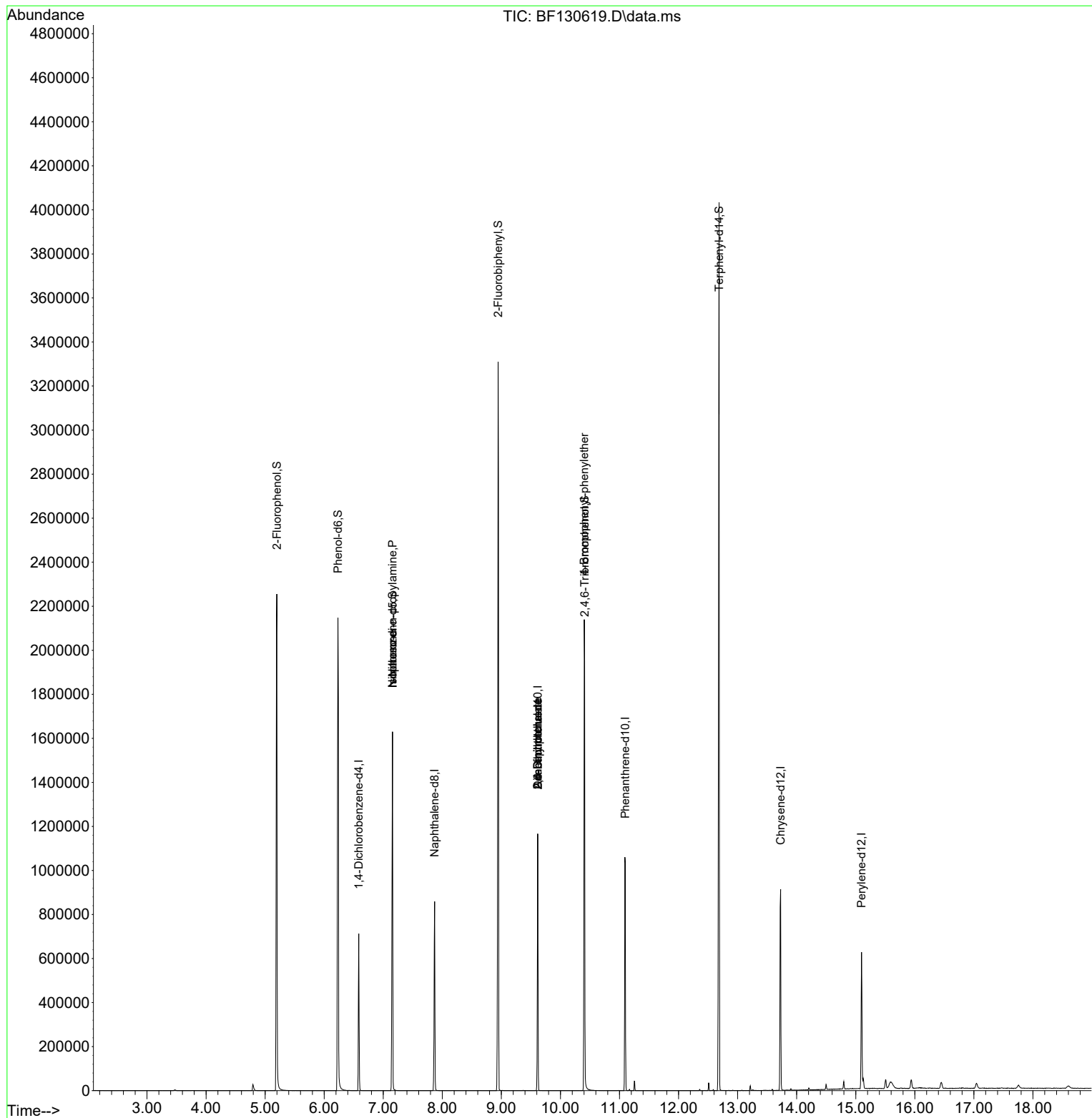
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	98906	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	393727	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	217772	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	399148	20.000	ng	# 0.00
76) Chrysene-d12	13.727	240	307617	20.000	ng	0.00
86) Perylene-d12	15.098	264	244055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.198	112	686732	125.156	ng	0.01
7) Phenol-d6	6.234	99	853007	123.647	ng	0.00
23) Nitrobenzene-d5	7.157	82	534194	74.067	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	277891	130.411	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	1101261	76.600	ng	0.00
79) Terphenyl-d14	12.686	244	1360159	73.387	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.157	70	72587	16.308	ng	# 77
25) Isophorone	7.157	82	534189	44.502	ng	# 64
50) Dimethylphthalate	9.616	163	41154	2.730	ng	# 1
51) 2,6-Dinitrotoluene	9.616	165	28677	8.672	ng	# 25
57) 2,4-Dinitrotoluene	9.616	165	28677	6.748	ng	# 15
67) 4-Bromophenyl-phenylether	10.404	248	17384	3.849	ng	# 1

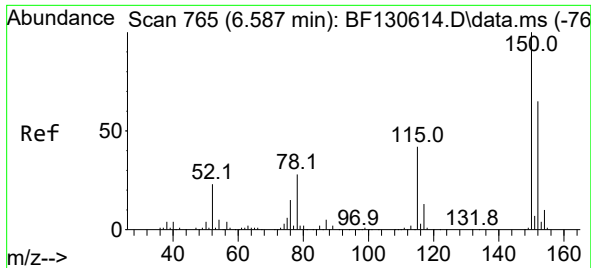
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

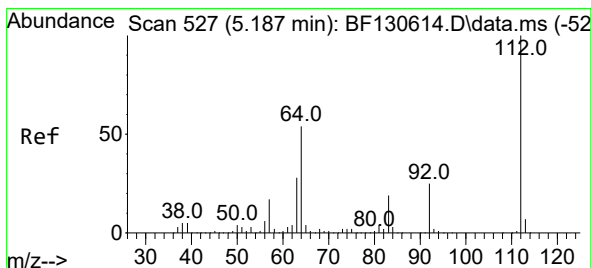
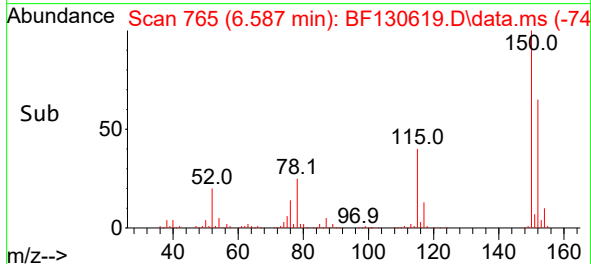
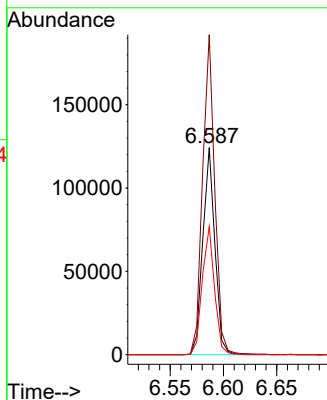
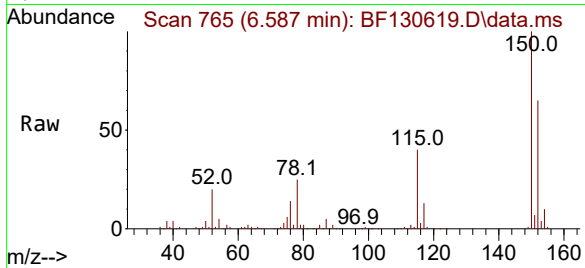




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

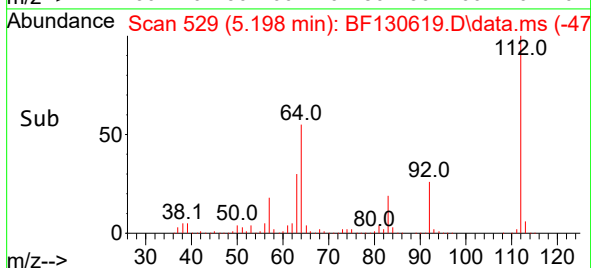
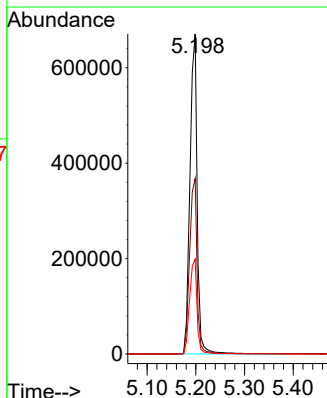
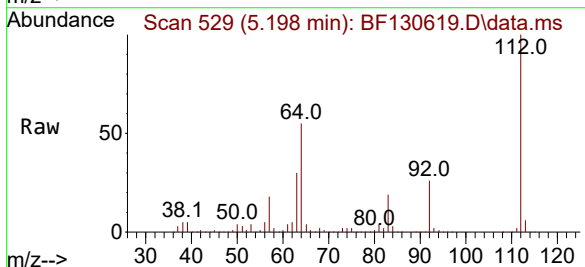
Instrument :
BNA_F
ClientSampleId :
PB148225BL

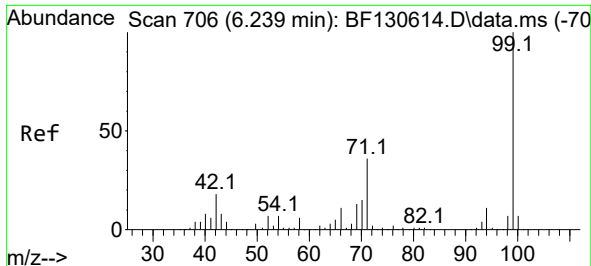
Tgt Ion:152 Resp: 98906
Ion Ratio Lower Upper
152 100
150 154.5 123.8 185.6
115 61.8 52.2 78.4



#5
2-Fluorophenol
Concen: 125.156 ng
RT: 5.198 min Scan# 529
Delta R.T. 0.012 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

Tgt Ion:112 Resp: 686732
Ion Ratio Lower Upper
112 100
64 54.8 43.5 65.3
63 29.7 22.6 34.0

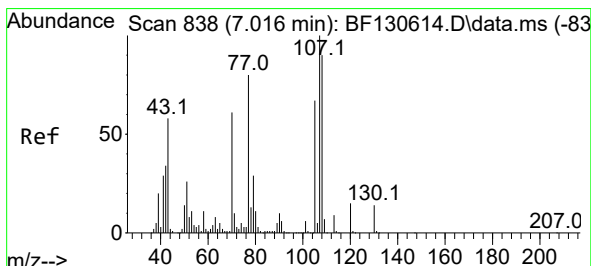
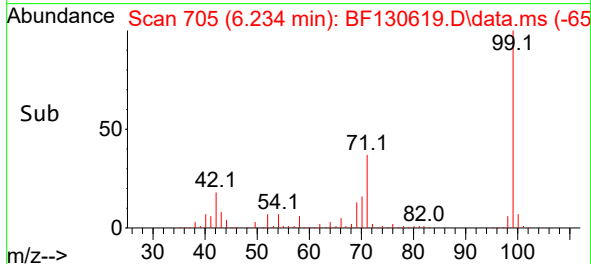
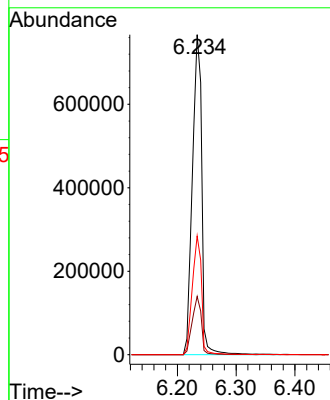
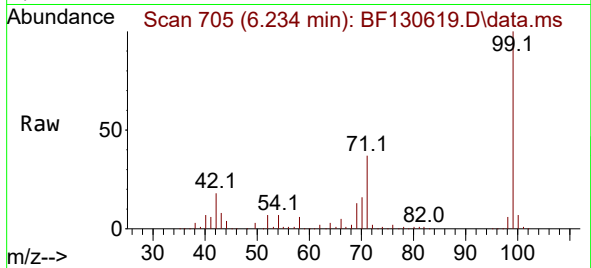




#7
Phenol-d6
Concen: 123.647 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

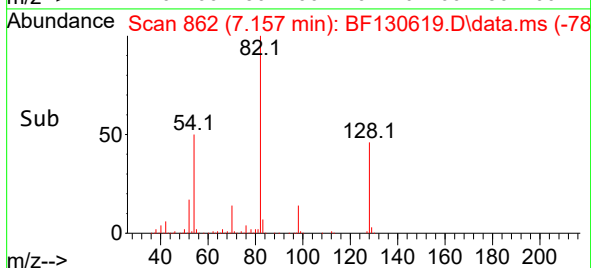
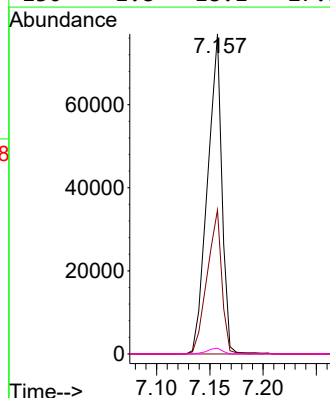
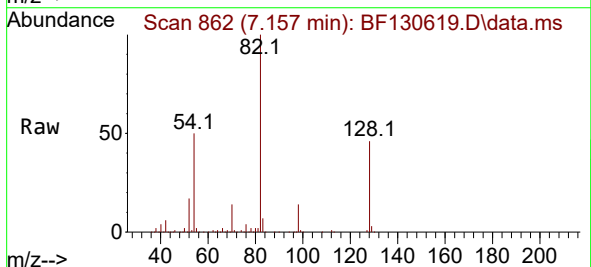
Instrument :
BNA_F
ClientSampleId :
PB148225BL

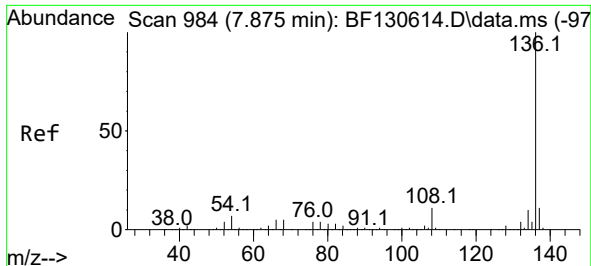
Tgt Ion: 99 Resp: 853007
Ion Ratio Lower Upper
99 100
42 18.2 14.0 21.0
71 37.1 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.308 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

Tgt Ion: 70 Resp: 72587
Ion Ratio Lower Upper
70 100
42 45.0 44.3 66.5
101 0.0 7.9 11.9#
130 1.8 18.1 27.1#

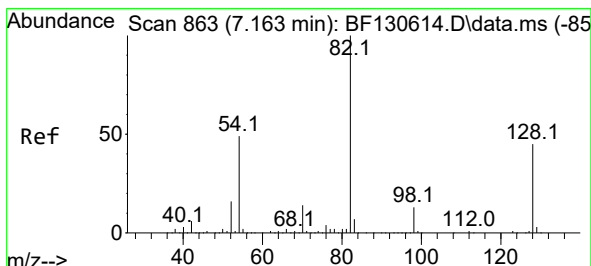
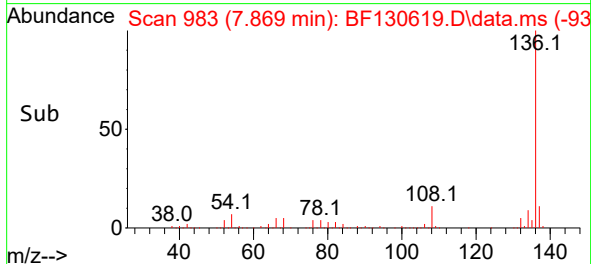
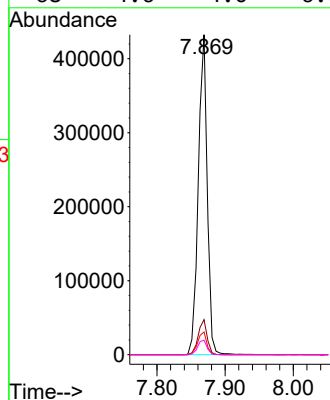
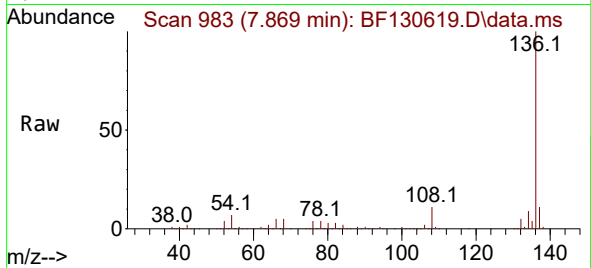




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

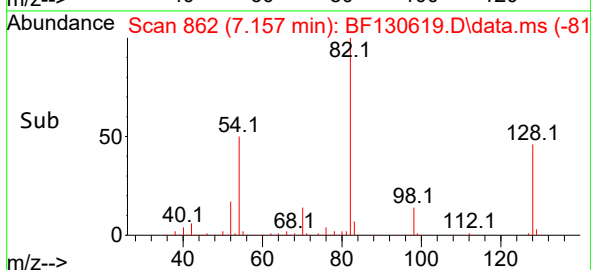
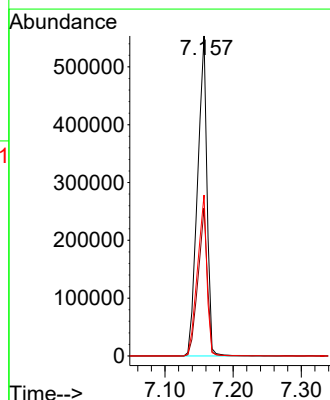
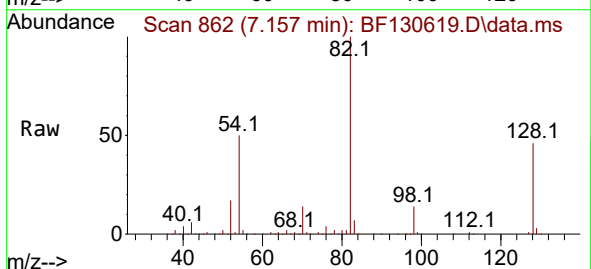
Instrument :
BNA_F
ClientSampleId :
PB148225BL

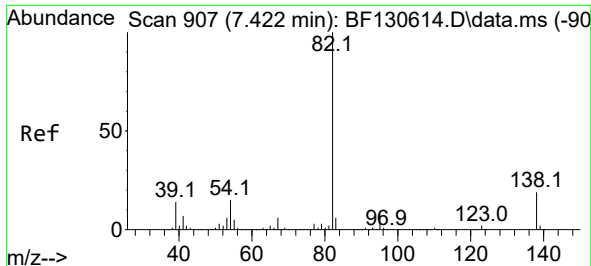
Tgt Ion:136 Resp: 393727
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.1 5.5 8.3
68 4.6 4.0 6.0



#23
Nitrobenzene-d5
Concen: 74.067 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

Tgt Ion: 82 Resp: 534194
Ion Ratio Lower Upper
82 100
128 46.3 35.8 53.6
54 50.3 39.3 58.9

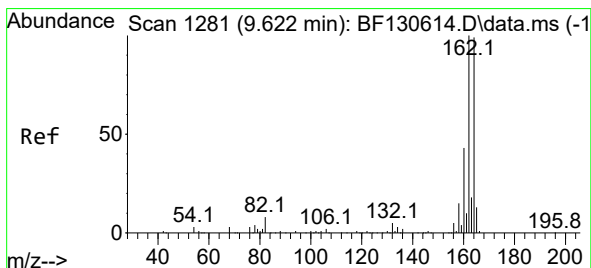
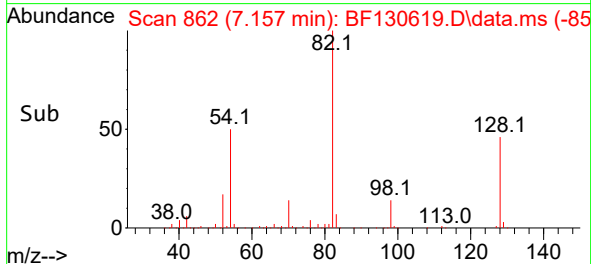
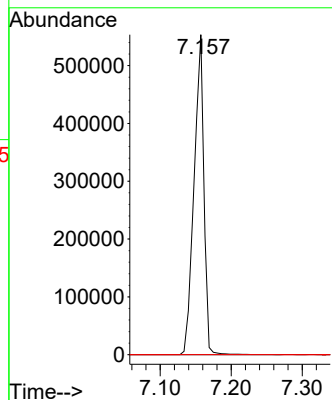
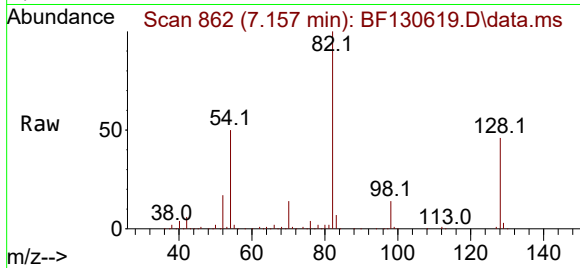




#25
Isophorone
Concen: 44.502 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

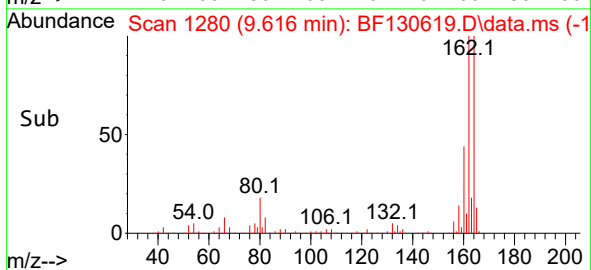
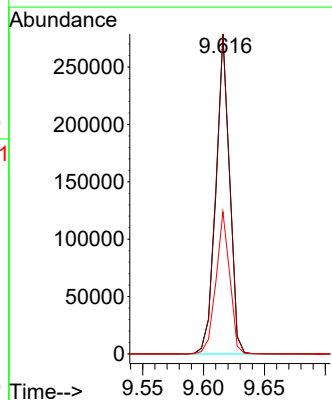
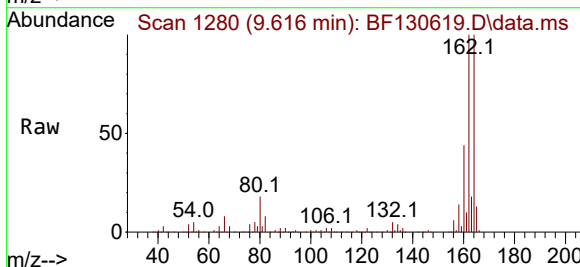
Instrument :
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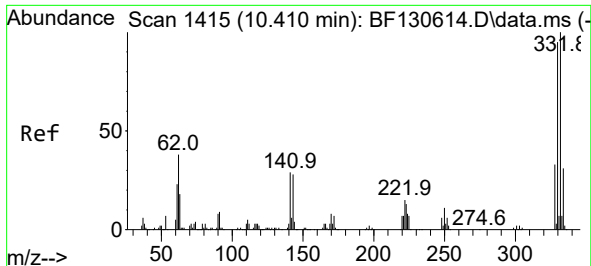
Tgt Ion: 82 Resp: 534189
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

Tgt Ion:164 Resp: 217772
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 44.5 34.5 51.7

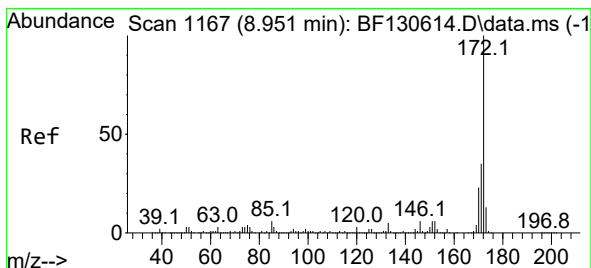
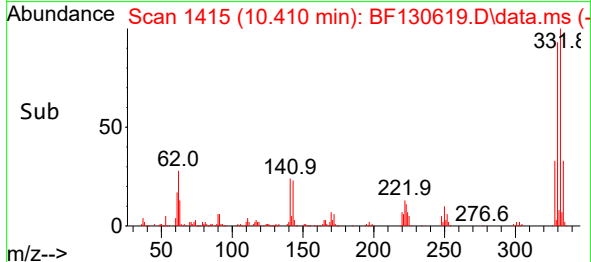
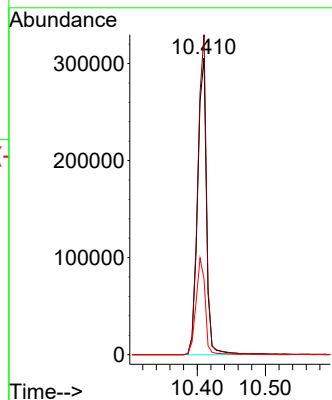
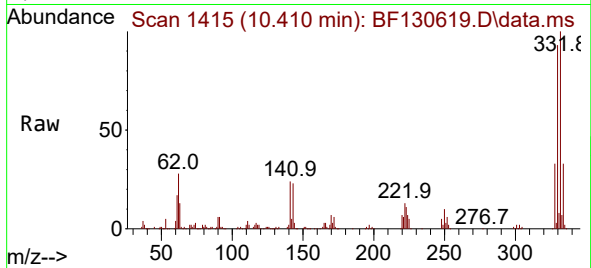




#42
2,4,6-Tribromophenol
Concen: 130.411 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

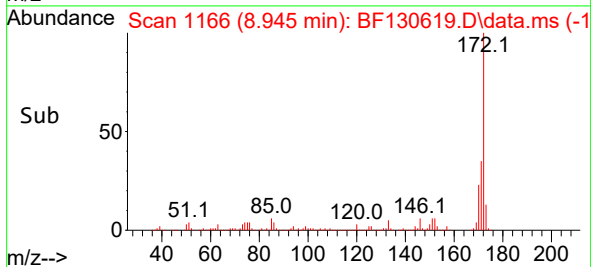
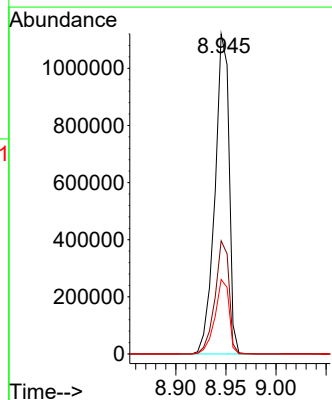
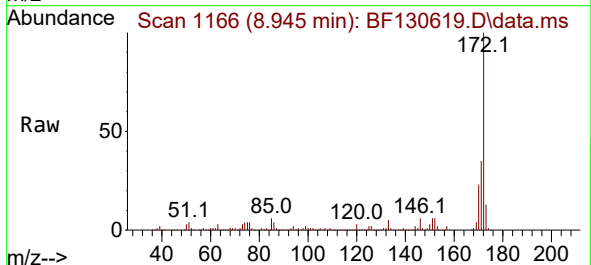
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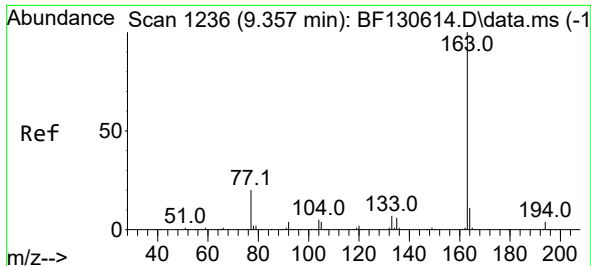
Tgt Ion: 330 Resp: 277891
Ion Ratio Lower Upper
330 100
332 106.5 84.2 126.4
141 33.4 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 76.600 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

Tgt Ion: 172 Resp: 1101261
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.2 18.6 27.8

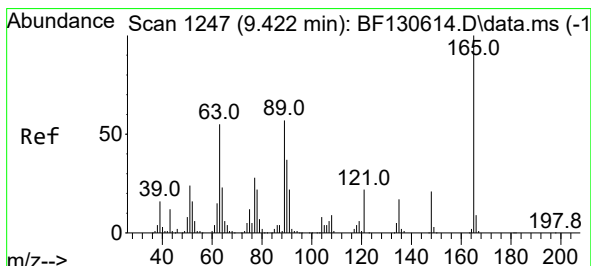
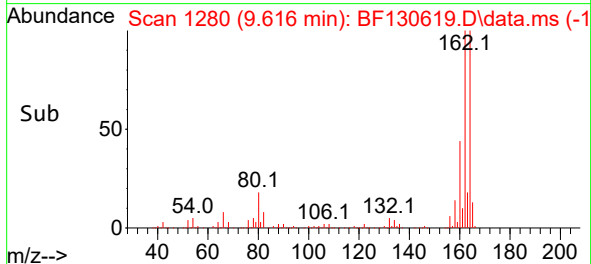
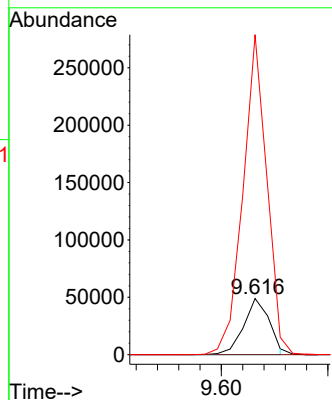
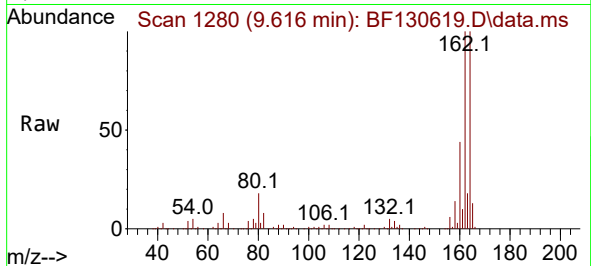




#50
Dimethylphthalate
Concen: 2.730 ng
RT: 9.616 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

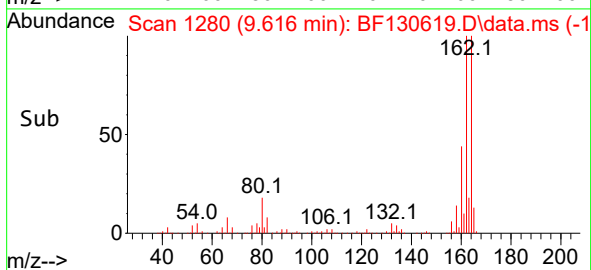
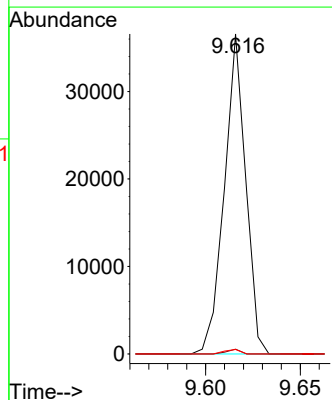
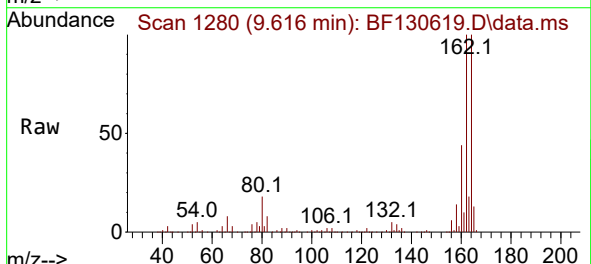
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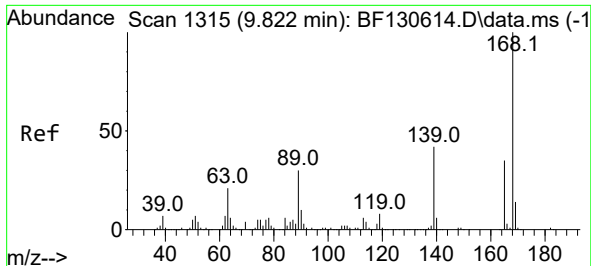
Tgt Ion:163 Resp: 41154
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 569.4 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.672 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.194 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

Tgt Ion:165 Resp: 28677
Ion Ratio Lower Upper
165 100
63 1.5 45.3 67.9#
89 1.4 45.6 68.4#

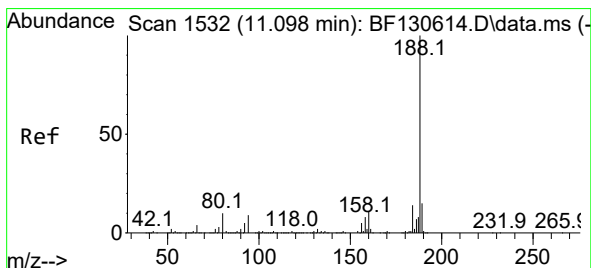
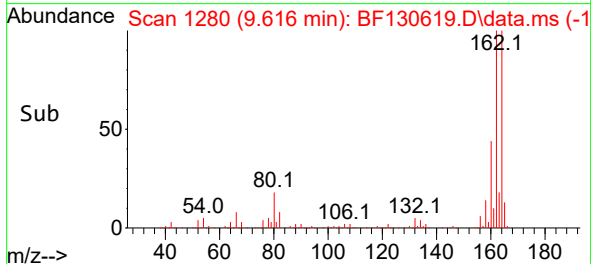
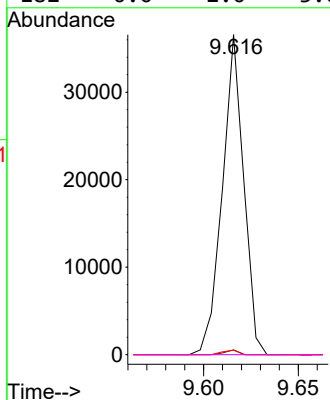
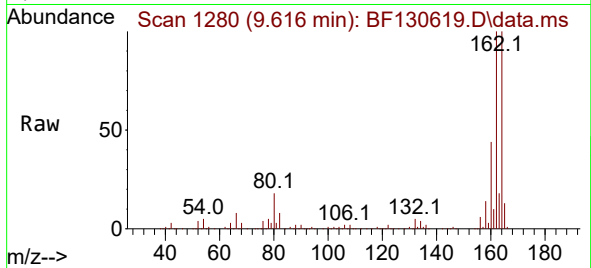




#57
2,4-Dinitrotoluene
Concen: 6.748 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

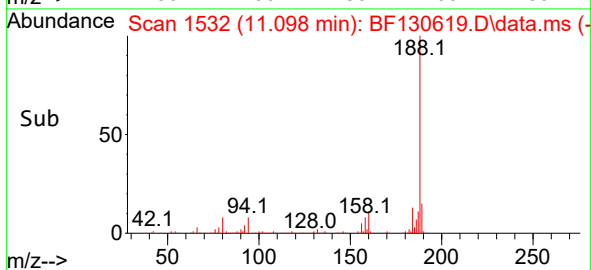
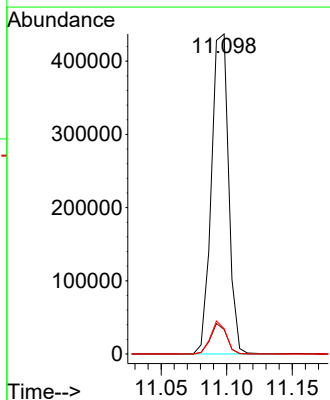
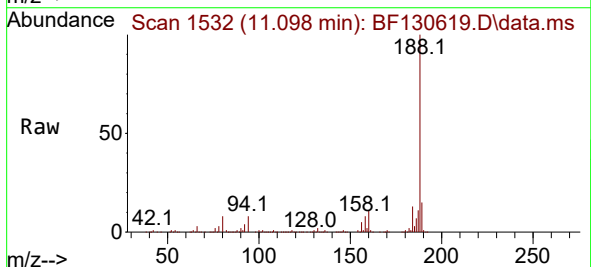
Instrument :
BNA_F
ClientSampleId :
PB148225BL

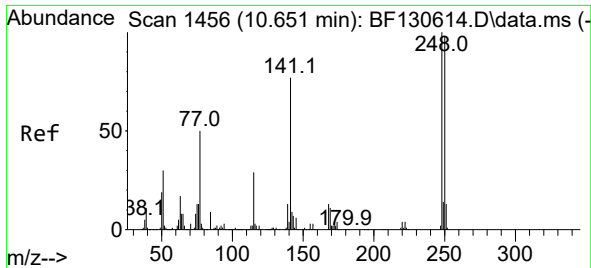
Tgt Ion:165 Resp: 28677
Ion Ratio Lower Upper
165 100
63 1.5 50.6 76.0#
89 1.4 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

Tgt Ion:188 Resp: 399148
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.2
80 7.9 8.0 12.0#

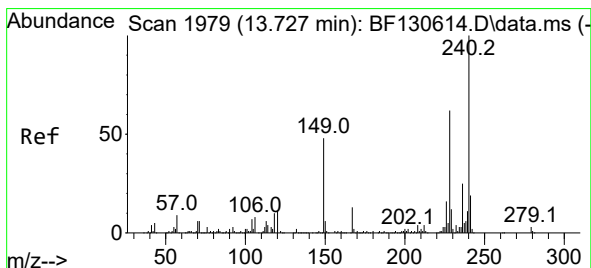
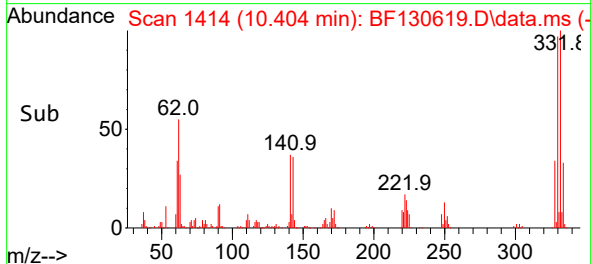
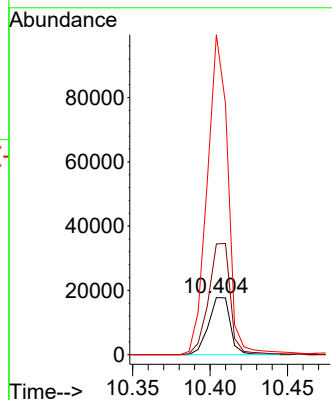
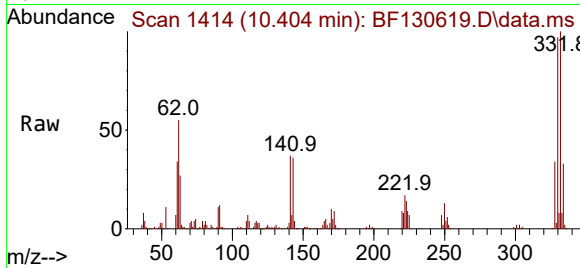




#67
4-Bromophenyl-phenylether
Concen: 3.849 ng
RT: 10.404 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

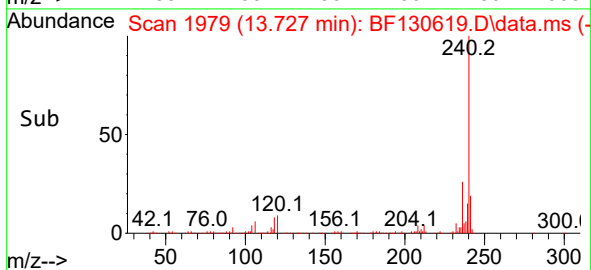
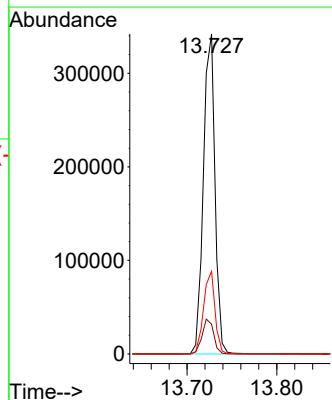
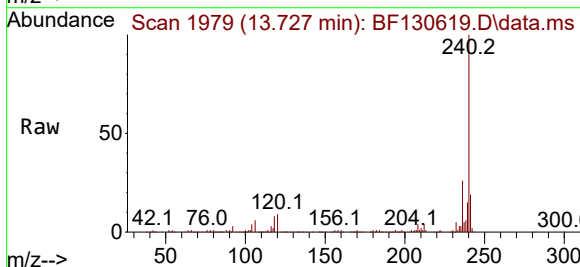
Instrument :
BNA_F
ClientSampleId :
PB148225BL

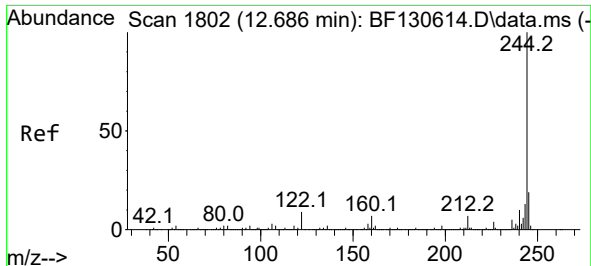
Tgt Ion:248 Resp: 17384
Ion Ratio Lower Upper
248 100
250 193.7 78.7 118.1#
141 559.5 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.727 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF130619.D
Acq: 11 Oct 2022 15:30

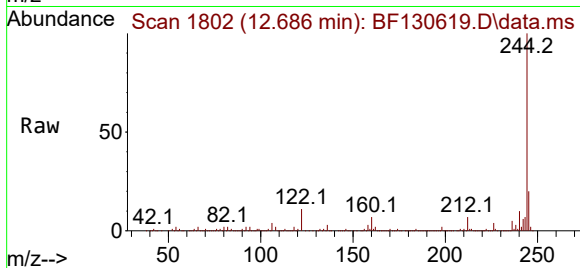
Tgt Ion:240 Resp: 307617
Ion Ratio Lower Upper
240 100
120 9.3 8.6 13.0
236 25.8 20.2 30.4



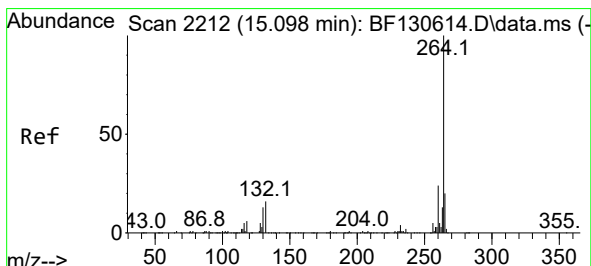
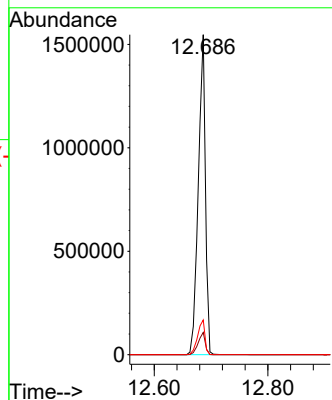
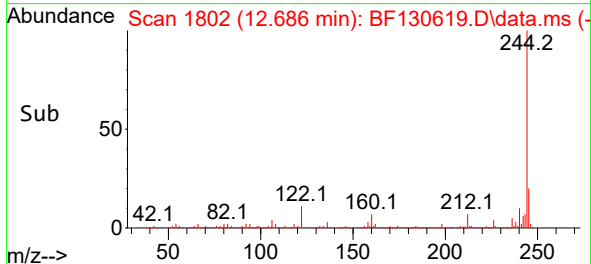


#79
 Terphenyl-d14
 Concen: 73.387 ng
 RT: 12.686 min Scan# 1802
 Delta R.T. 0.000 min
 Lab File: BF130619.D
 Acq: 11 Oct 2022 15:30

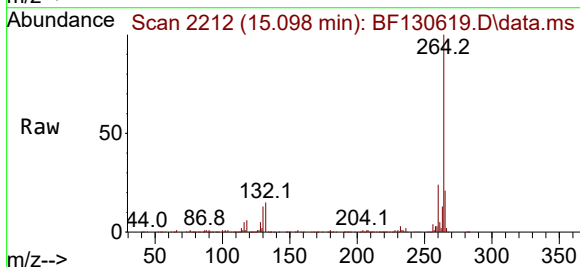
Instrument :
 BNA_F
 ClientSampleId :
 PB148225BL



Tgt Ion:244 Resp: 1360159
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.8 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: BF130619.D
 Acq: 11 Oct 2022 15:30



Tgt Ion:264 Resp: 244055
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.3 16.4 24.6

