

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
 Data File : BF130716.D
 Acq On : 19 Oct 2022 17:57
 Operator : CG\JU
 Sample : PB148423BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148423BL

Quant Time: Oct 20 02:45:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

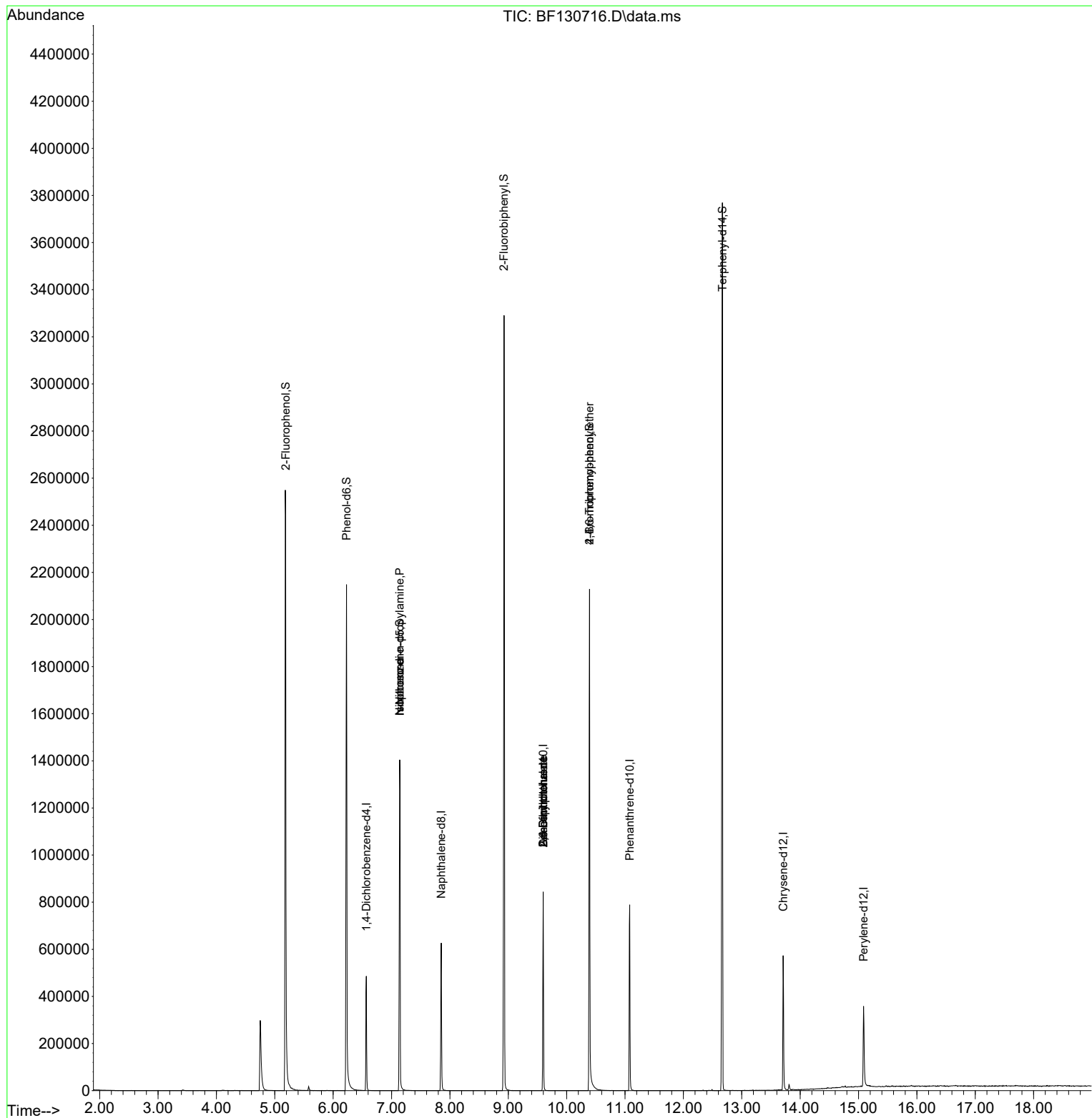
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.569	152	74473	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	301454	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	163600	20.000	ng	-0.01
64) Phenanthrene-d10	11.080	188	302522	20.000	ng	0.00
76) Chrysene-d12	13.710	240	195935	20.000	ng	-0.01
86) Perylene-d12	15.086	264	156189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	851519	206.102	ng	0.02
7) Phenol-d6	6.228	99	860797	165.713	ng	0.00
23) Nitrobenzene-d5	7.139	82	538400	97.499	ng	-0.01
42) 2,4,6-Tribromophenol	10.392	330	285591	178.403	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	1089020	100.831	ng	-0.01
79) Terphenyl-d14	12.668	244	1298952	110.032	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.139	70	72376	21.596	ng	# 77
25) Isophorone	7.139	82	538395	58.581	ng	# 64
50) Dimethylphthalate	9.598	163	30492	2.692	ng	# 1
51) 2,6-Dinitrotoluene	9.598	165	20996	8.452	ng	# 24
57) 2,4-Dinitrotoluene	9.598	165	20996	6.576	ng	# 14
67) 4-Bromophenyl-phenylether	10.392	248	16655	4.866	ng	# 1

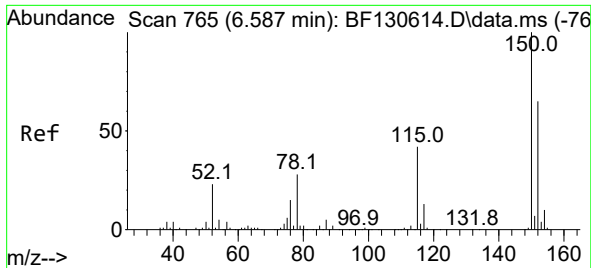
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

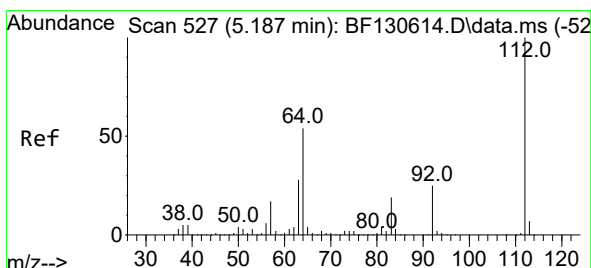
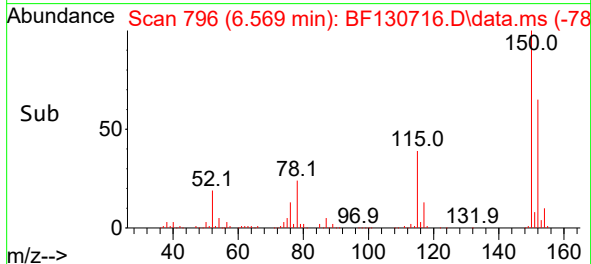
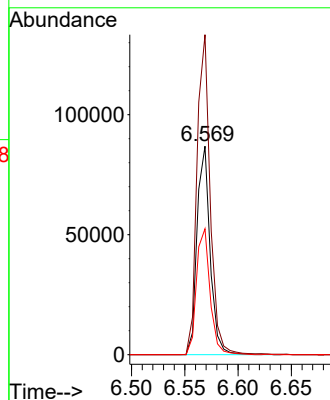
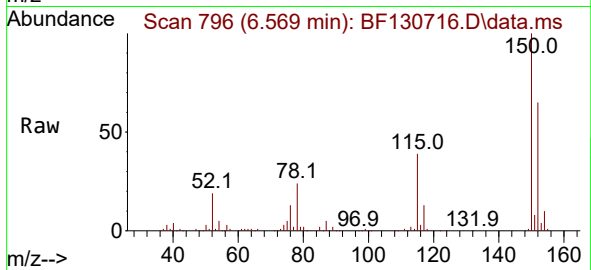




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.569 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

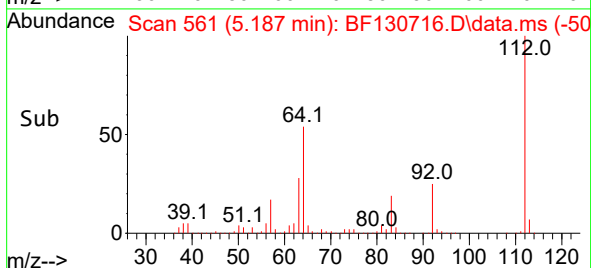
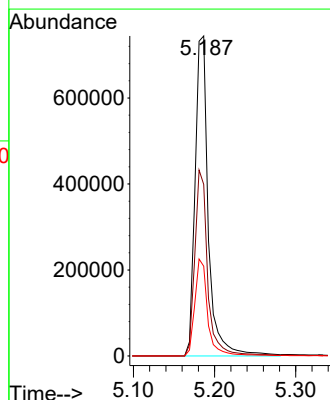
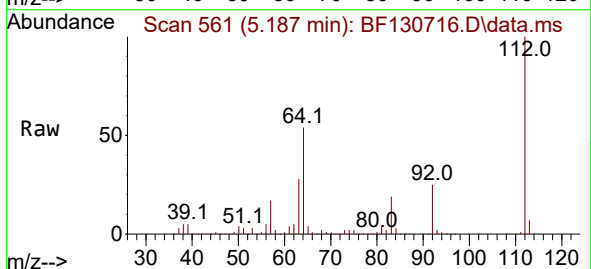
Instrument :
BNA_F
ClientSampleId :
PB148423BL

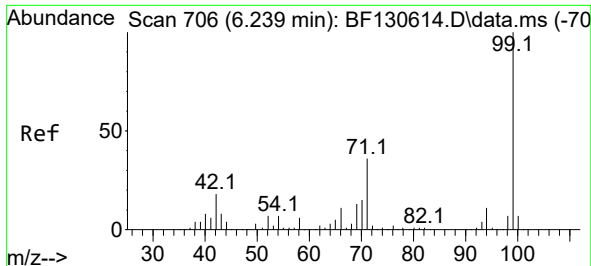
Tgt Ion:152 Resp: 74473
Ion Ratio Lower Upper
152 100
150 153.5 123.8 185.6
115 60.4 52.2 78.4



#5
2-Fluorophenol
Concen: 206.102 ng
RT: 5.187 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

Tgt Ion:112 Resp: 851519
Ion Ratio Lower Upper
112 100
64 53.6 43.5 65.3
63 28.1 22.6 34.0

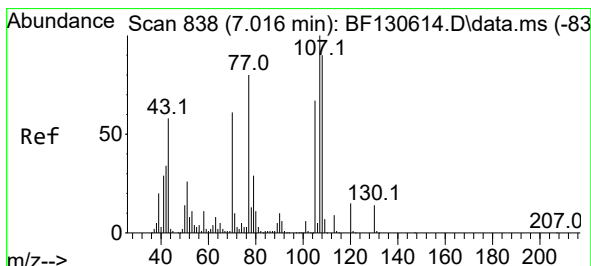
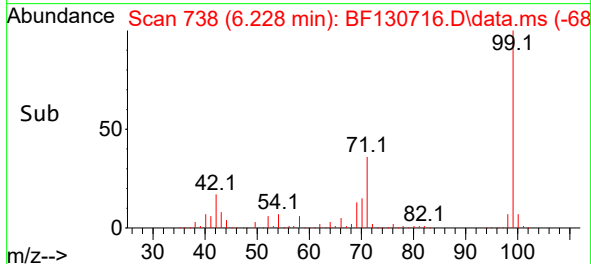
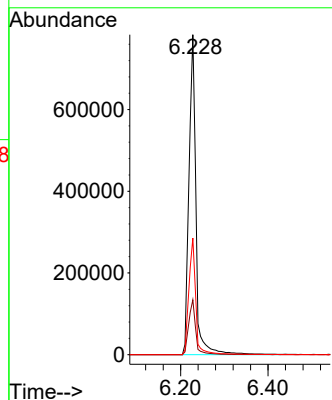
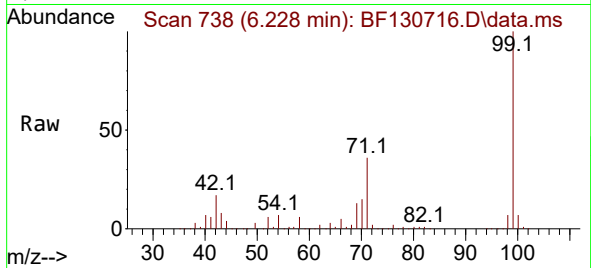




#7
Phenol-d6
Concen: 165.713 ng
RT: 6.228 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

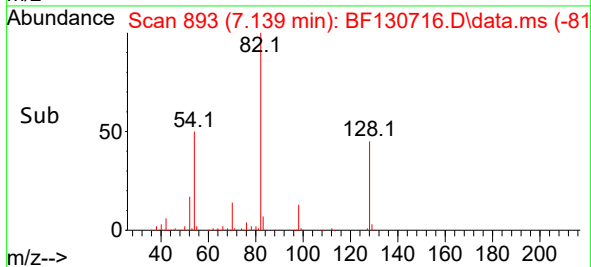
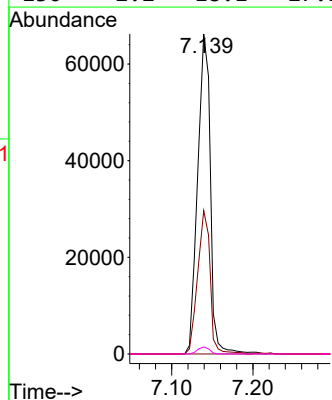
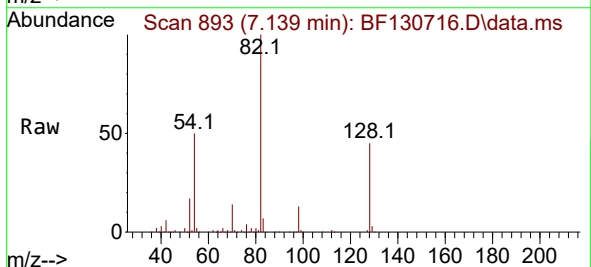
Instrument :
BNA_F
ClientSampleId :
PB148423BL

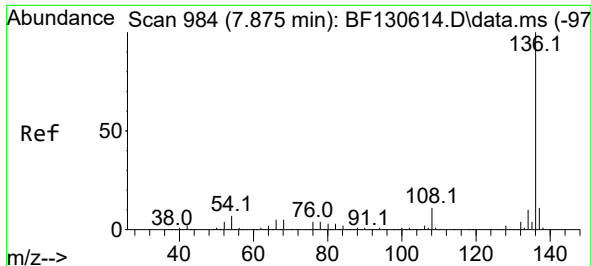
Tgt Ion: 99 Resp: 860797
Ion Ratio Lower Upper
99 100
42 17.1 14.0 21.0
71 36.4 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.596 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

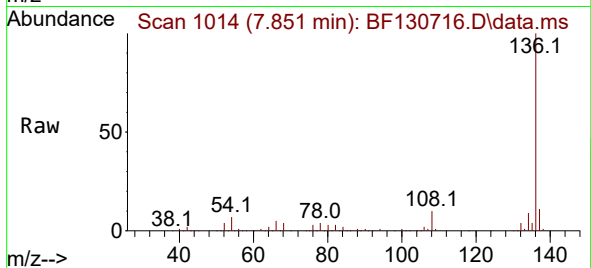
Tgt Ion: 70 Resp: 72376
Ion Ratio Lower Upper
70 100
42 44.8 44.3 66.5
101 0.0 7.9 11.9#
130 2.2 18.1 27.1#



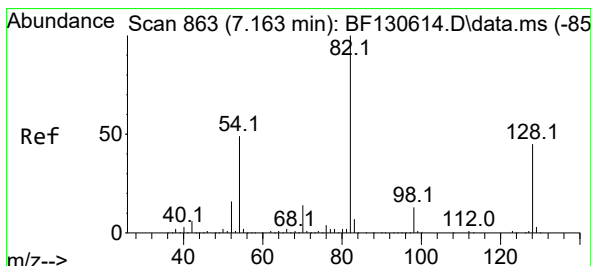
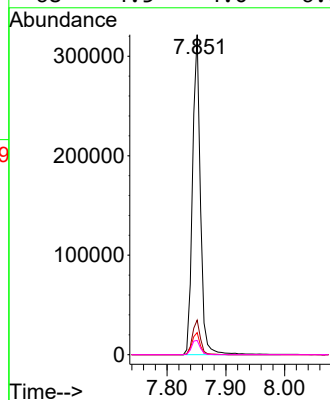
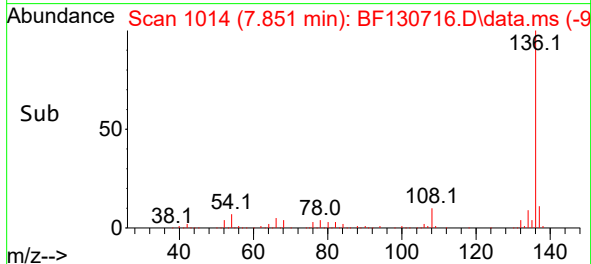


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

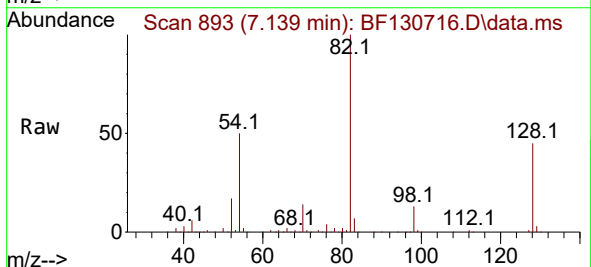
Instrument :
BNA_F
ClientSampleId :
PB148423BL



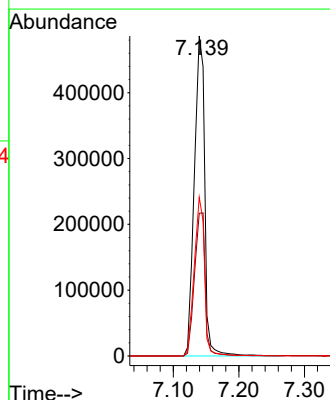
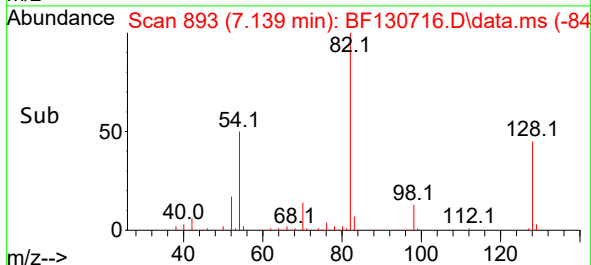
Tgt Ion:136 Resp: 301454
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.9 5.5 8.3
68 4.5 4.0 6.0

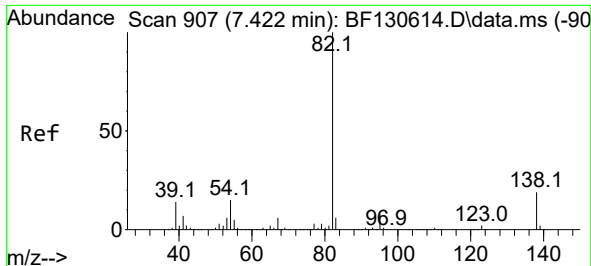


#23
Nitrobenzene-d5
Concen: 97.499 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57



Tgt Ion: 82 Resp: 538400
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.6
54 49.6 39.3 58.9

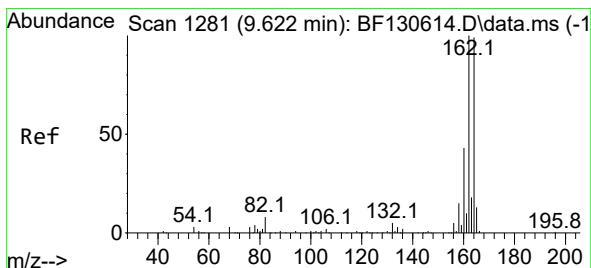
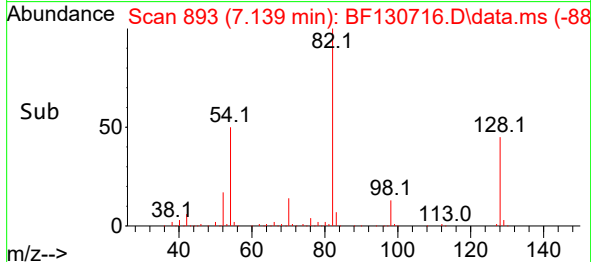
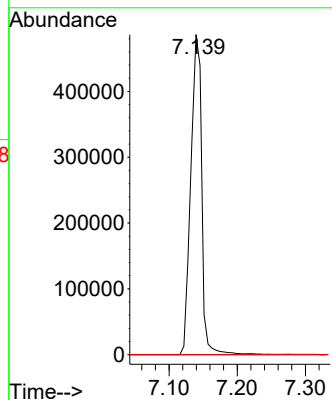
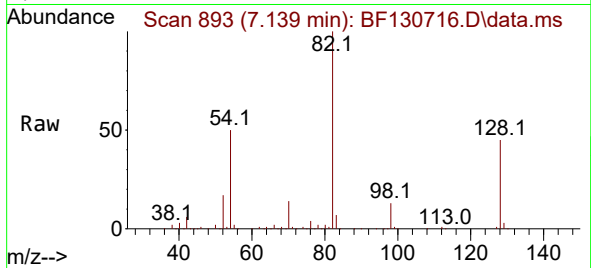




#25
Isophorone
Concen: 58.581 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

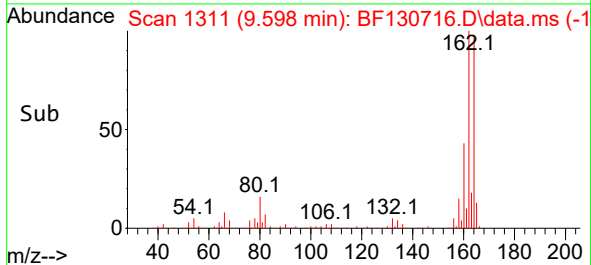
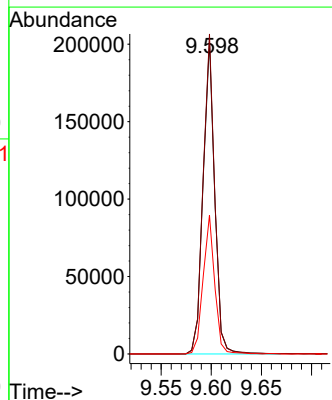
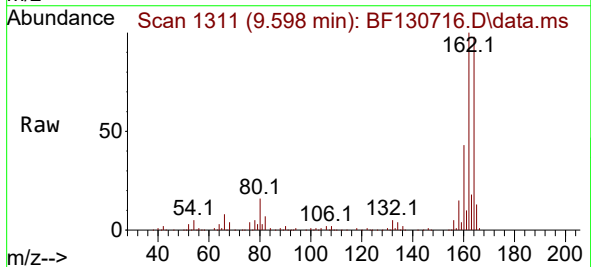
Instrument :
BNA_F
ClientSampleId :
PB148423BL

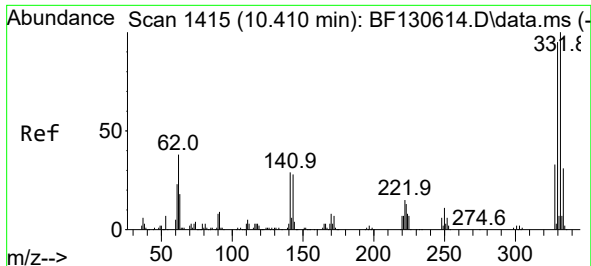
Tgt Ion: 82 Resp: 538395
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.598 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

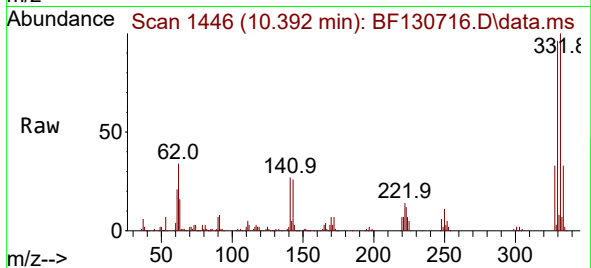
Tgt Ion:164 Resp: 163600
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 44.3 34.5 51.7



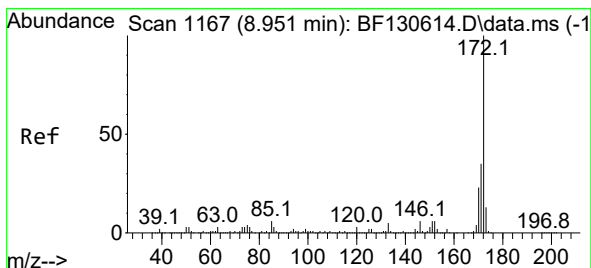
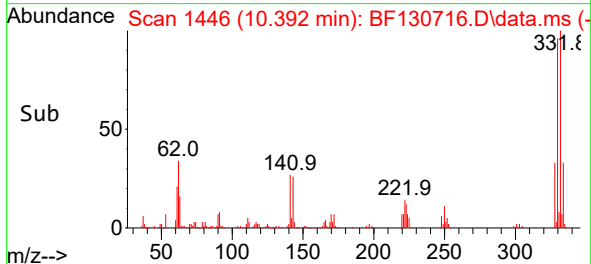
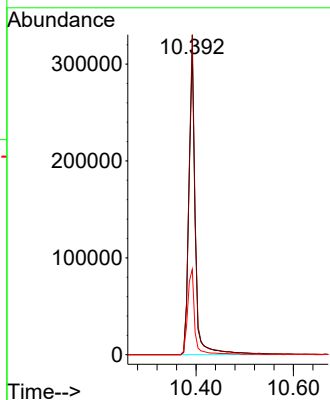


#42
2,4,6-Tribromophenol
Concen: 178.403 ng
RT: 10.392 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

Instrument :
BNA_F
ClientSampleId :
PB148423BL

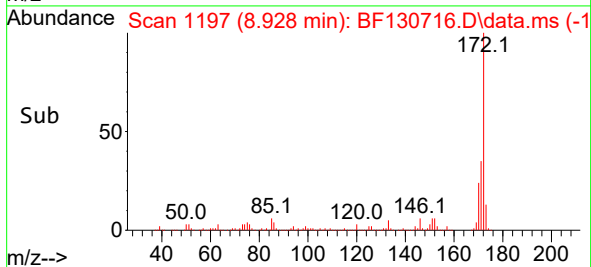
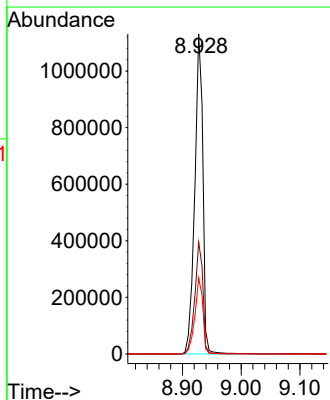
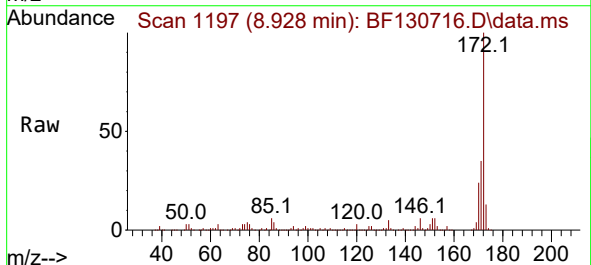


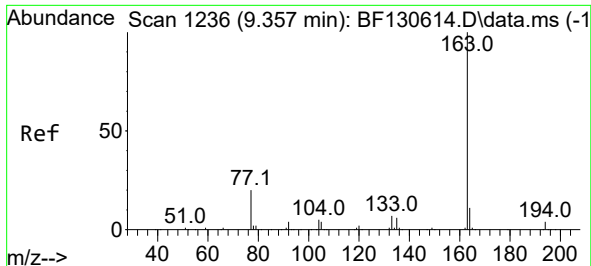
Tgt Ion:330 Resp: 285591
Ion Ratio Lower Upper
330 100
332 103.2 84.2 126.4
141 31.2 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 100.831 ng
RT: 8.928 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

Tgt Ion:172 Resp: 1089020
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.7 18.6 27.8

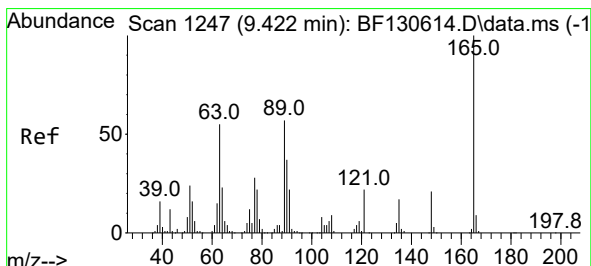
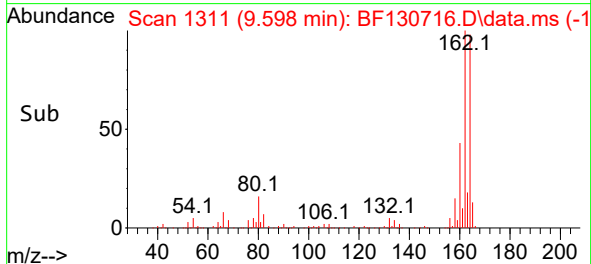
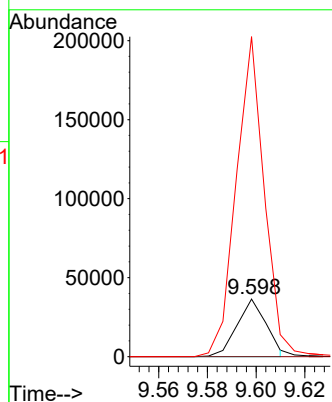
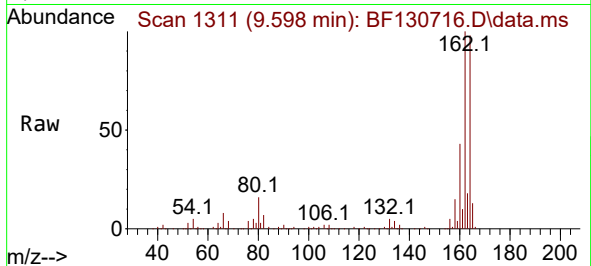




#50
 Dimethylphthalate
 Concen: 2.692 ng
 RT: 9.598 min Scan# 1311
 Delta R.T. 0.253 min
 Lab File: BF130716.D
 Acq: 19 Oct 2022 17:57

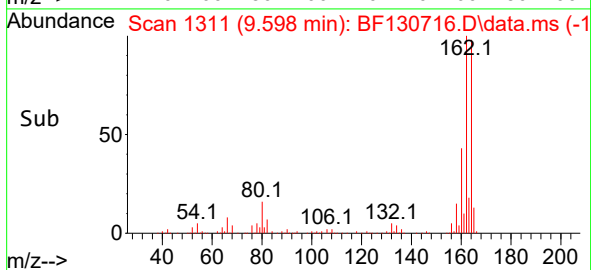
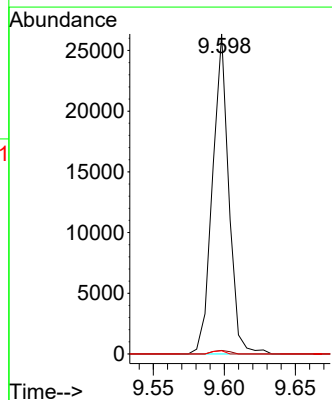
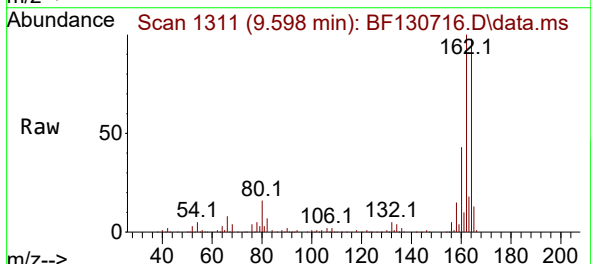
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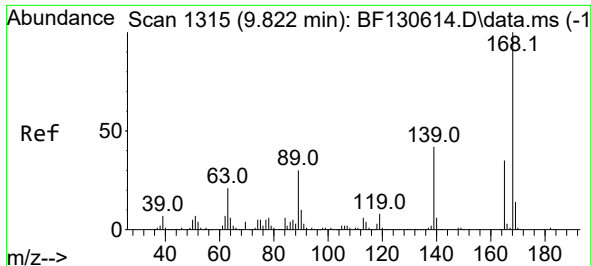
Tgt Ion:163 Resp: 30492
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.0 4.6#
 164 555.8 8.5 12.7#



#51
 2,6-Dinitrotoluene
 Concen: 8.452 ng
 RT: 9.598 min Scan# 1311
 Delta R.T. 0.188 min
 Lab File: BF130716.D
 Acq: 19 Oct 2022 17:57

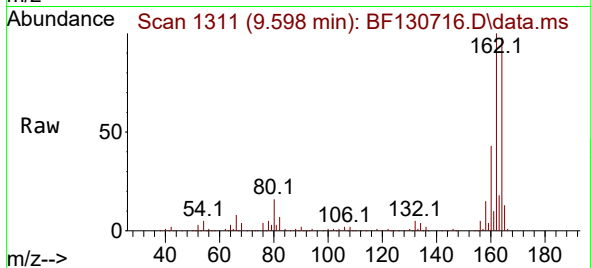
Tgt Ion:165 Resp: 20996
 Ion Ratio Lower Upper
 165 100
 63 1.1 45.3 67.9#
 89 1.0 45.6 68.4#



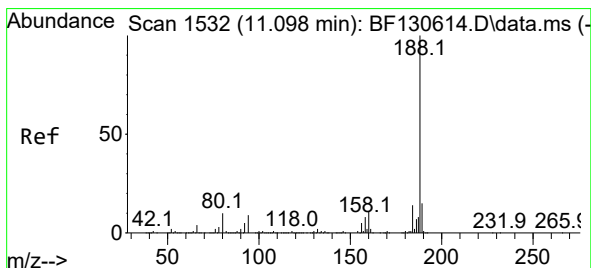
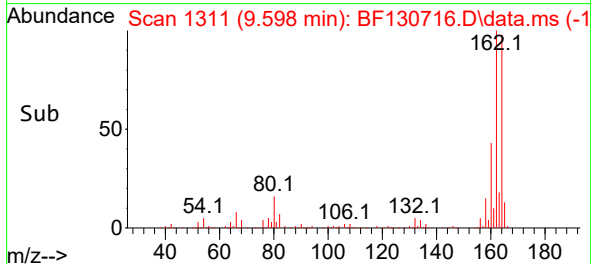
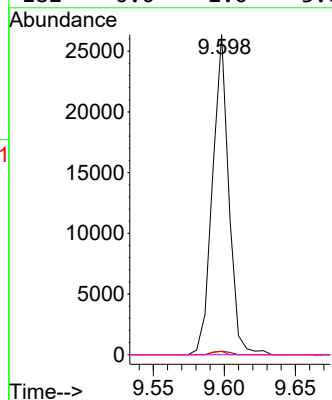


#57
2,4-Dinitrotoluene
Concen: 6.576 ng
RT: 9.598 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

Instrument :
BNA_F
ClientSampleId :
PB148423BL

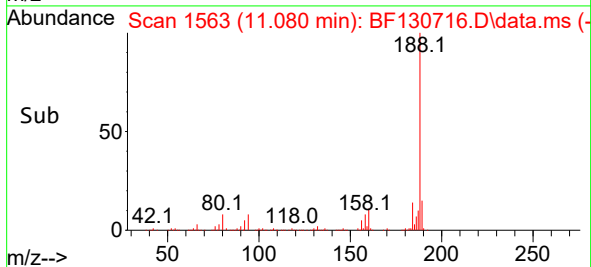
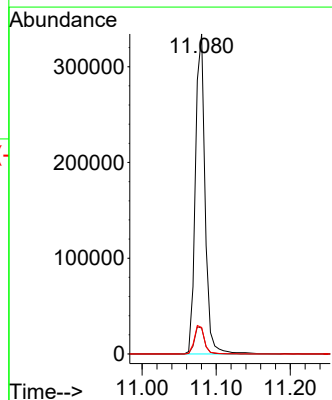
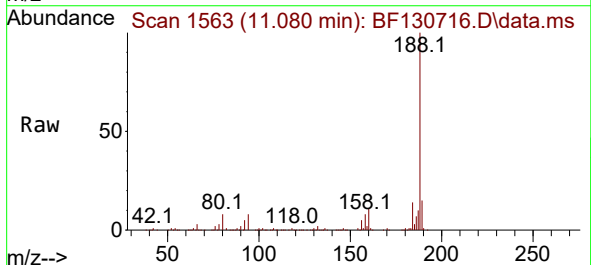


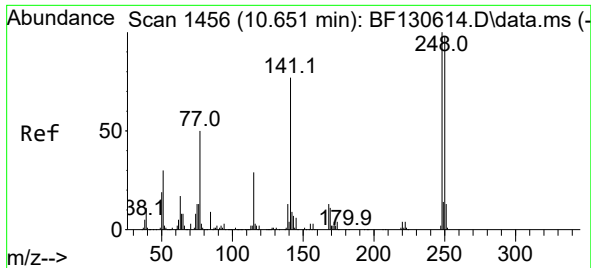
Tgt Ion:165 Resp: 20996
Ion Ratio Lower Upper
165 100
63 1.1 50.6 76.0#
89 1.0 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.080 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

Tgt Ion:188 Resp: 302522
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.3 8.0 12.0

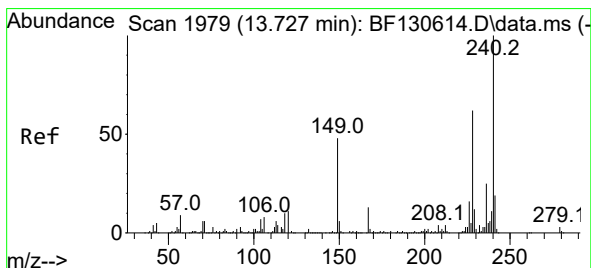
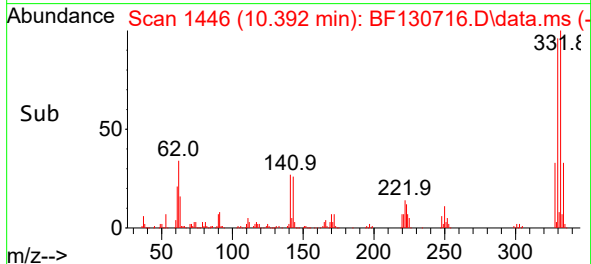
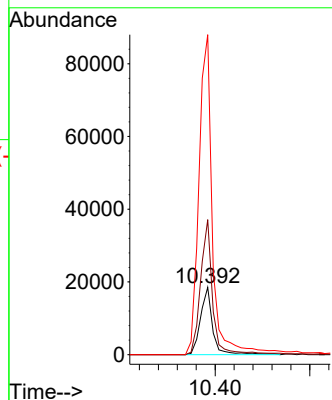
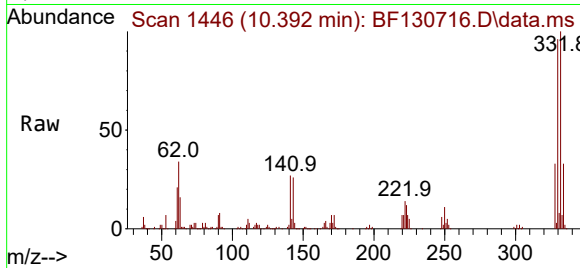




#67
4-Bromophenyl-phenylether
Concen: 4.866 ng
RT: 10.392 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

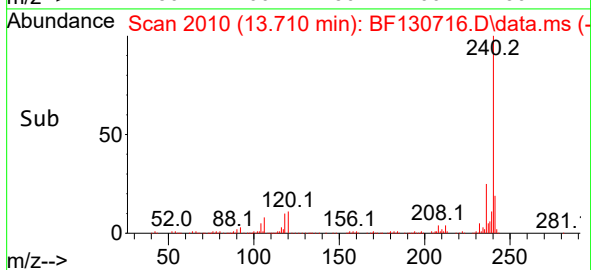
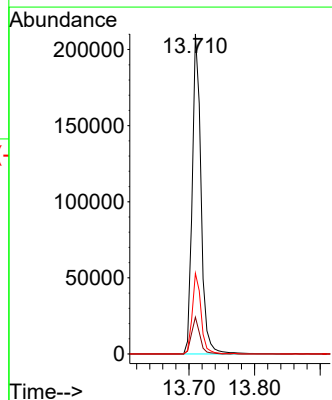
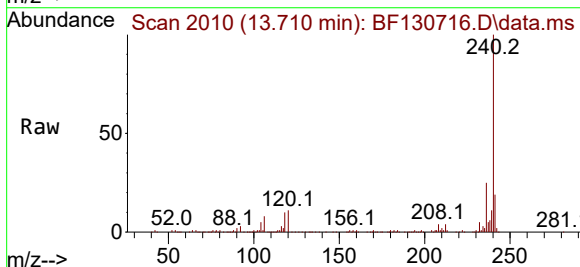
Instrument :
BNA_F
ClientSampleId :
PB148423BL

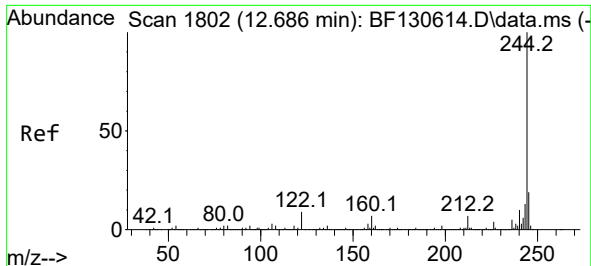
Tgt Ion:248 Resp: 16655
Ion Ratio Lower Upper
248 100
250 200.6 78.7 118.1#
141 475.3 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

Tgt Ion:240 Resp: 195935
Ion Ratio Lower Upper
240 100
120 11.5 8.6 13.0
236 25.2 20.2 30.4

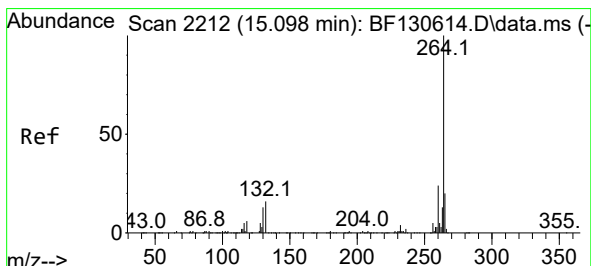
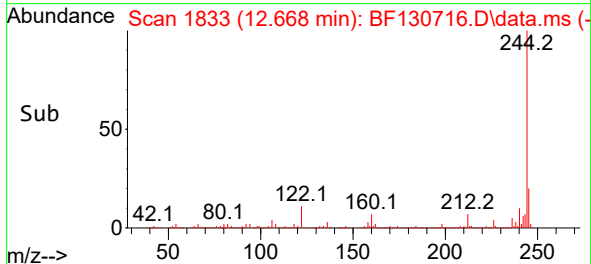
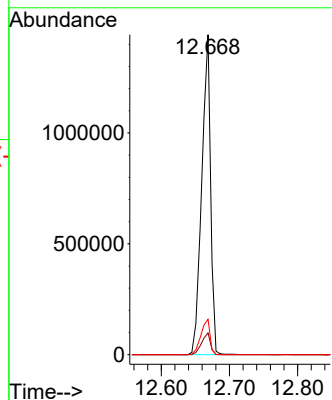
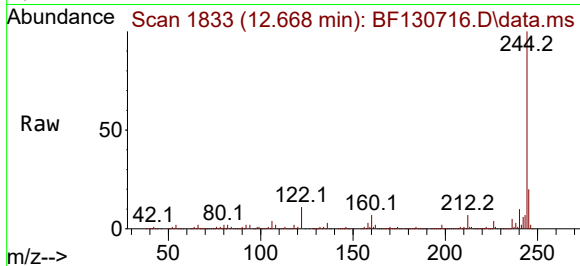




#79
 Terphenyl-d14
 Concen: 110.032 ng
 RT: 12.668 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130716.D
 Acq: 19 Oct 2022 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB148423BL

Tgt Ion:244 Resp: 1298952
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.1 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 2244
 Delta R.T. -0.000 min
 Lab File: BF130716.D
 Acq: 19 Oct 2022 17:57

Tgt Ion:264 Resp: 156189
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.1 16.4 24.6

