

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
 Data File : BF130686.D
 Acq On : 17 Oct 2022 14:49
 Operator : CG\JU
 Sample : PB148379BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148379BL

Quant Time: Oct 18 03:21:13 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)

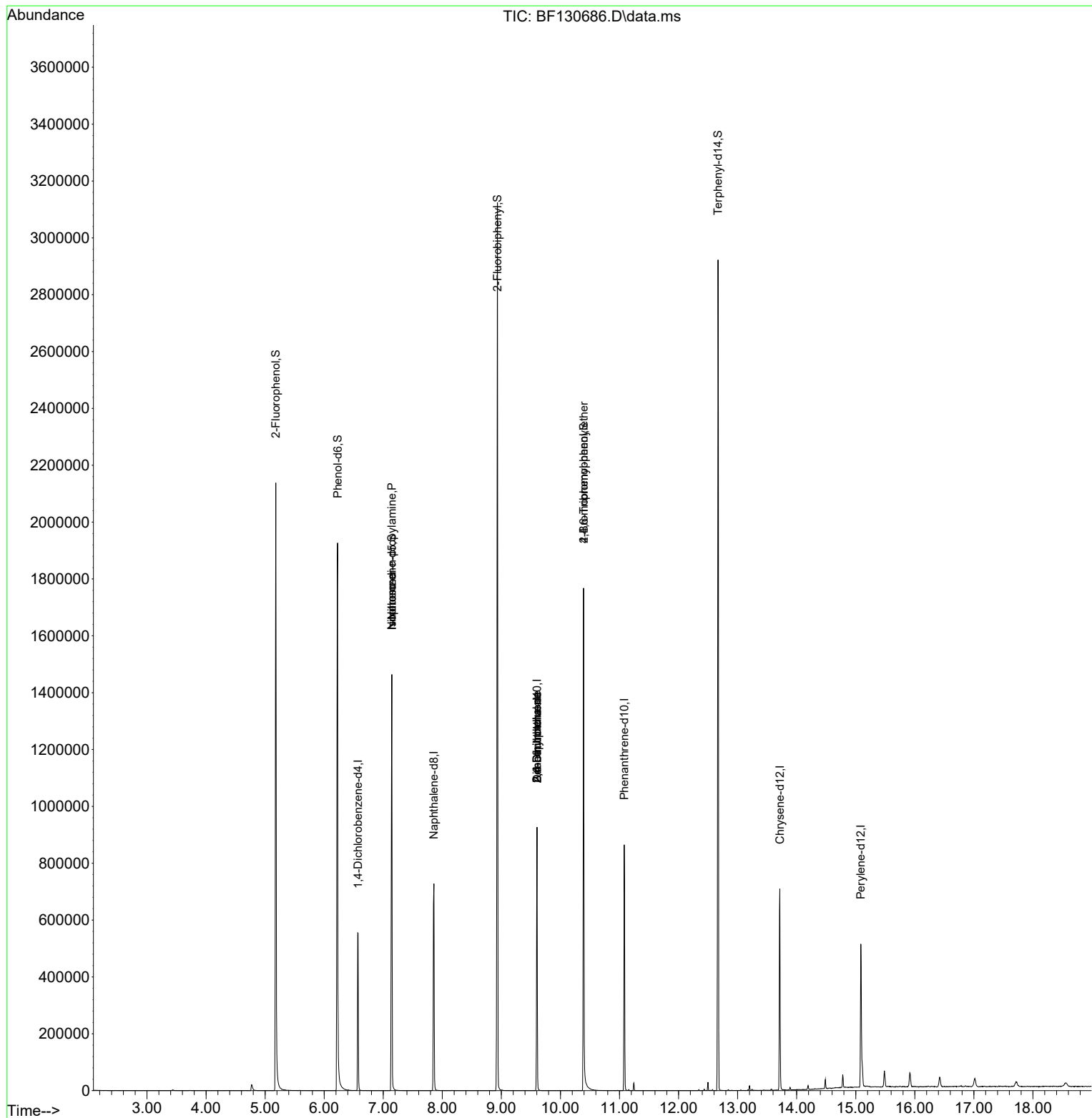
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	89231	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	346767	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	182226	20.000	ng	0.00
64) Phenanthrene-d10	11.080	188	303309	20.000	ng	0.00
76) Chrysene-d12	13.715	240	243535	20.000	ng	0.00
86) Perylene-d12	15.086	264	209032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	621068	125.461	ng	0.01
7) Phenol-d6	6.228	99	763603	122.689	ng	0.00
23) Nitrobenzene-d5	7.145	82	482898	76.021	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	214655	120.385	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	949898	78.960	ng	0.00
79) Terphenyl-d14	12.668	244	1056399	71.995	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.145	70	63355	15.778	ng	# 76
25) Isophorone	7.145	82	480850	45.483	ng	# 64
50) Dimethylphthalate	9.604	163	33615	2.665	ng	# 1
51) 2,6-Dinitrotoluene	9.604	165	23634	8.541	ng	# 24
57) 2,4-Dinitrotoluene	9.604	165	23634	6.646	ng	# 14
67) 4-Bromophenyl-phenylether	10.392	248	12408	3.615	ng	# 1

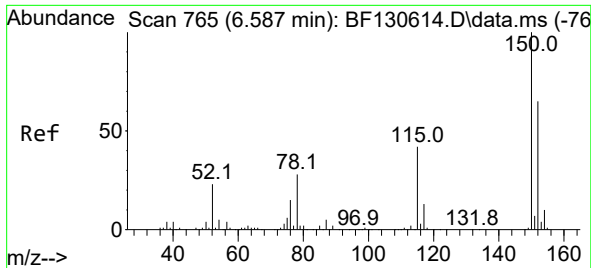
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Oct 18 03:21:13 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

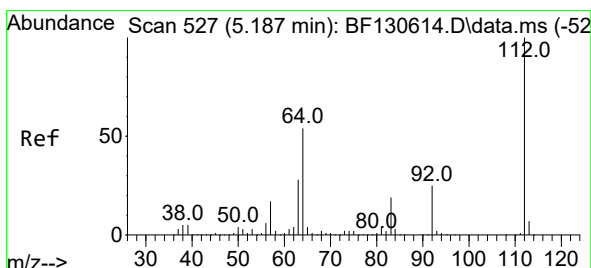
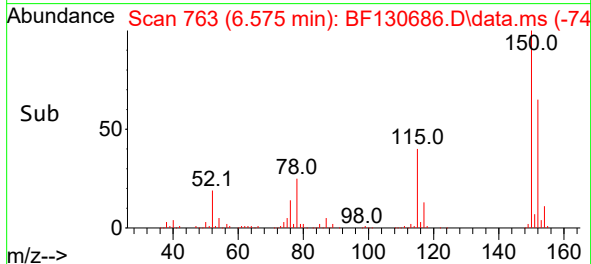
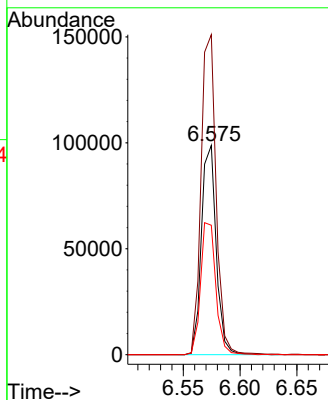
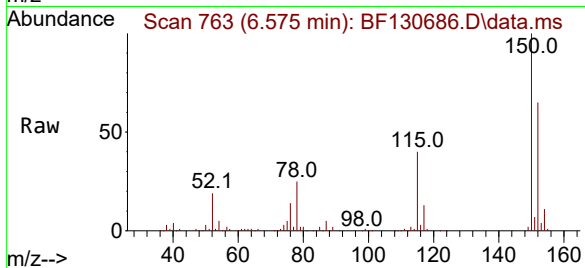




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

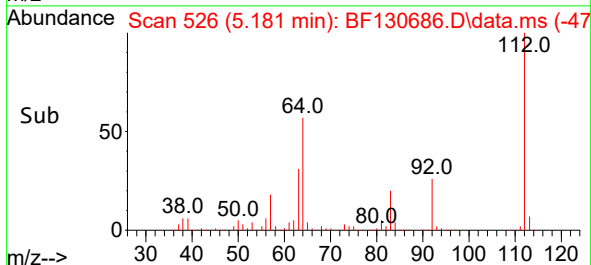
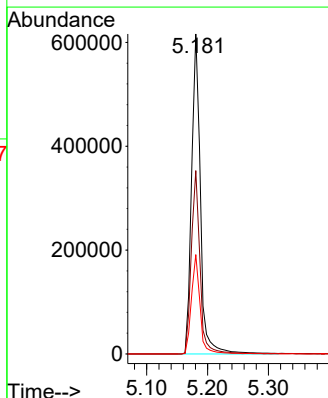
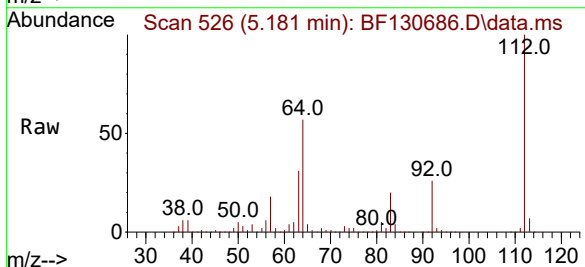
Instrument :
BNA_F
ClientSampleId :
PB148379BL

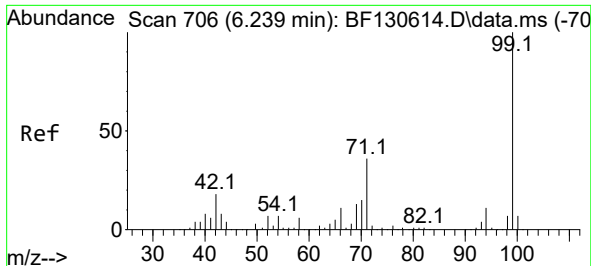
Tgt Ion:152 Resp: 89231
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.6
115 61.9 52.2 78.4



#5
2-Fluorophenol
Concen: 125.461 ng
RT: 5.181 min Scan# 526
Delta R.T. 0.012 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

Tgt Ion:112 Resp: 621068
Ion Ratio Lower Upper
112 100
64 57.3 43.5 65.3
63 31.1 22.6 34.0

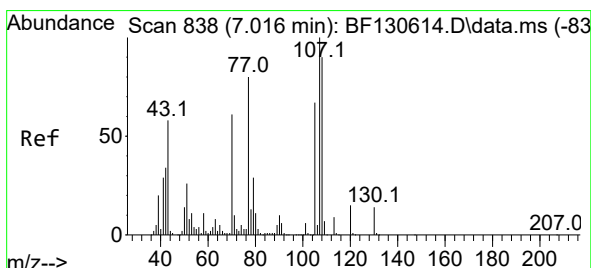
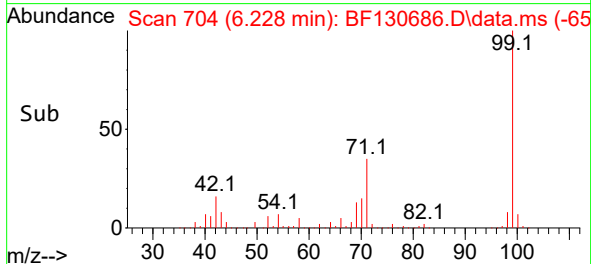
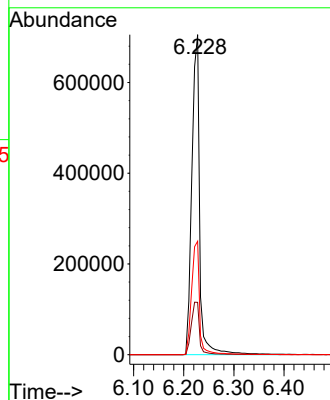
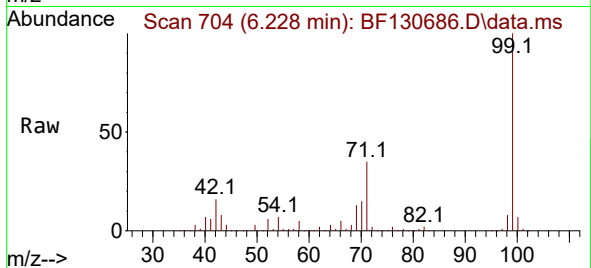




#7
Phenol-d6
Concen: 122.689 ng
RT: 6.228 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

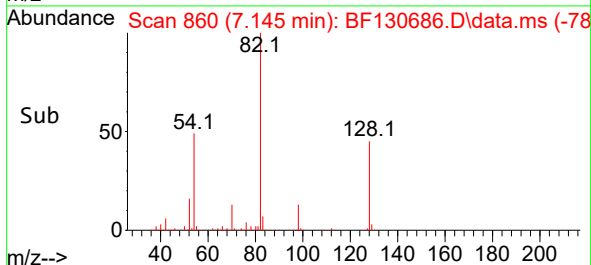
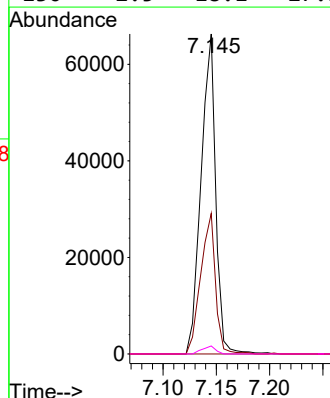
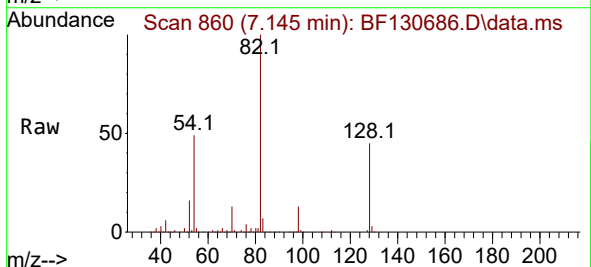
Instrument :
BNA_F
ClientSampleId :
PB148379BL

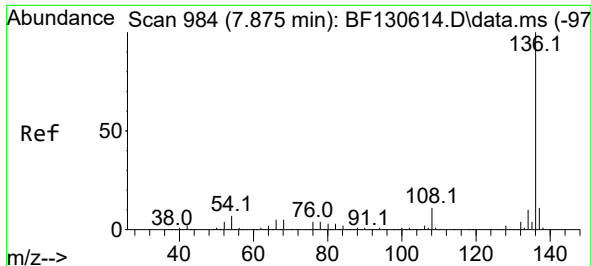
Tgt Ion: 99 Resp: 763603
Ion Ratio Lower Upper
99 100
42 16.3 14.0 21.0
71 35.4 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.778 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

Tgt Ion: 70 Resp: 63355
Ion Ratio Lower Upper
70 100
42 43.9 44.3 66.5#
101 0.0 7.9 11.9#
130 2.5 18.1 27.1#

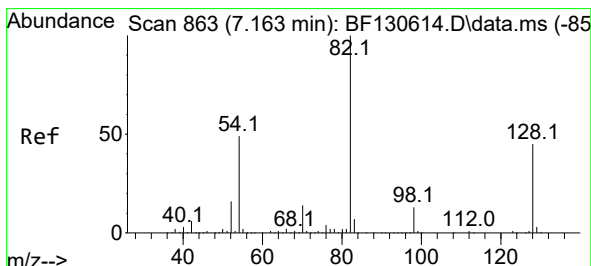
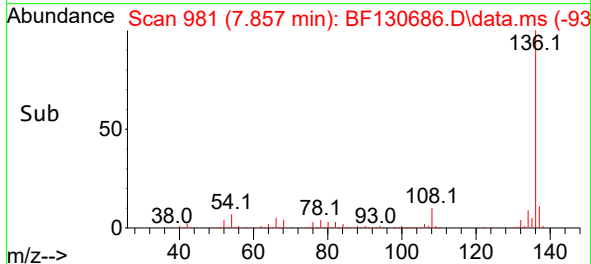
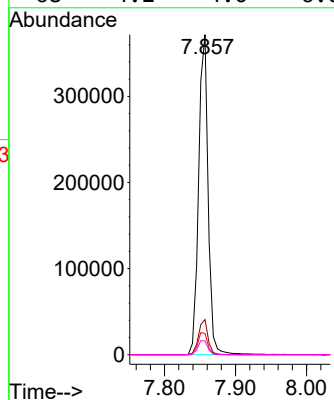
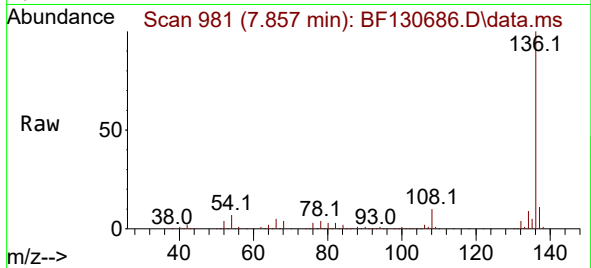




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

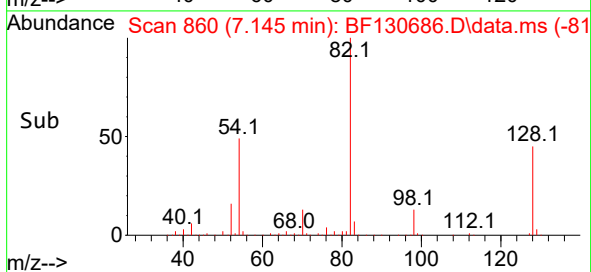
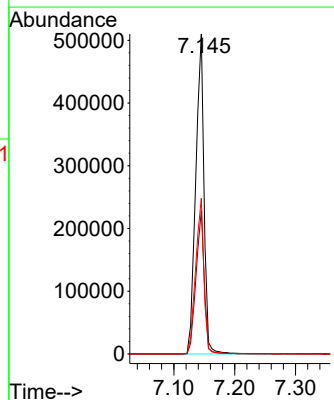
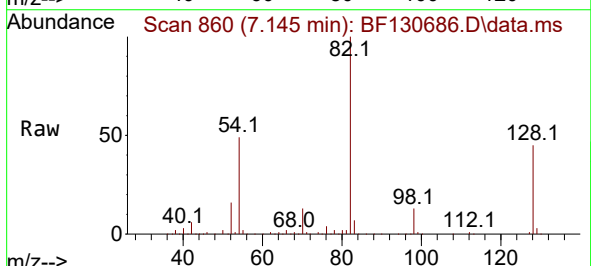
Instrument :
BNA_F
ClientSampleId :
PB148379BL

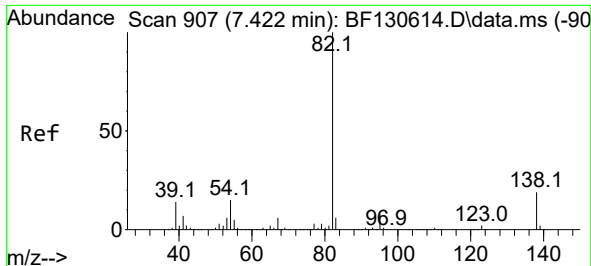
Tgt Ion:136 Resp: 346767
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.6 5.5 8.3
68 4.2 4.0 6.0



#23
Nitrobenzene-d5
Concen: 76.021 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

Tgt Ion: 82 Resp: 482898
Ion Ratio Lower Upper
82 100
128 44.8 35.8 53.6
54 48.6 39.3 58.9

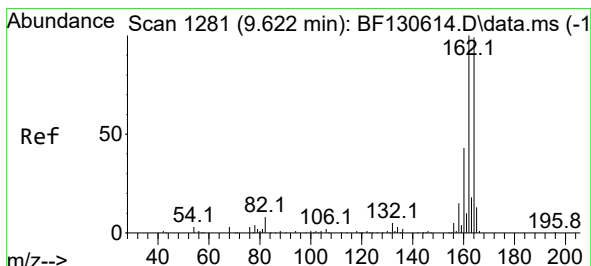
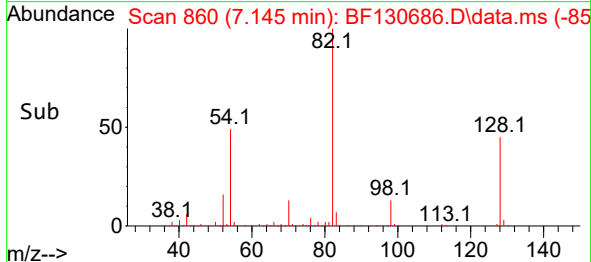
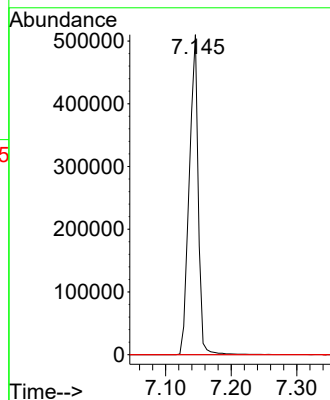
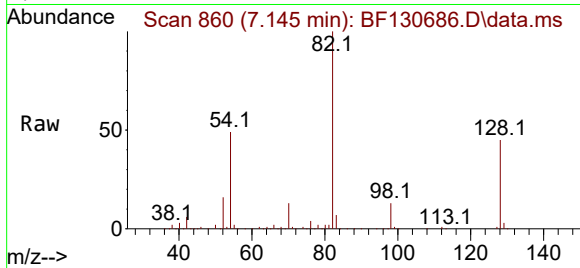




#25
Isophorone
Concen: 45.483 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

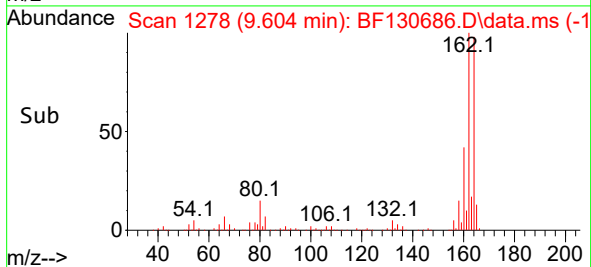
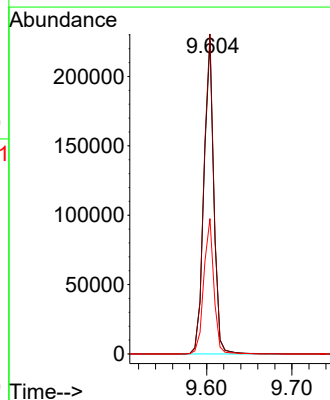
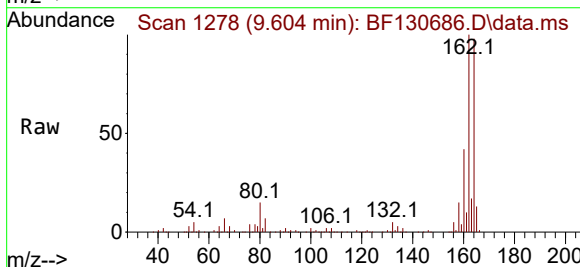
Instrument :
BNA_F
ClientSampleId :
PB148379BL

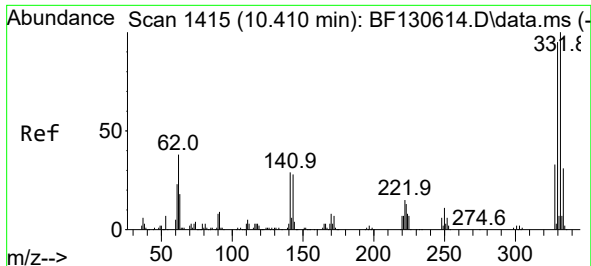
Tgt Ion: 82 Resp: 480850
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

Tgt Ion:164 Resp: 182226
Ion Ratio Lower Upper
164 100
162 102.2 81.0 121.4
160 43.2 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 120.385 ng

RT: 10.392 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130686.D

Acq: 17 Oct 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB148379BL

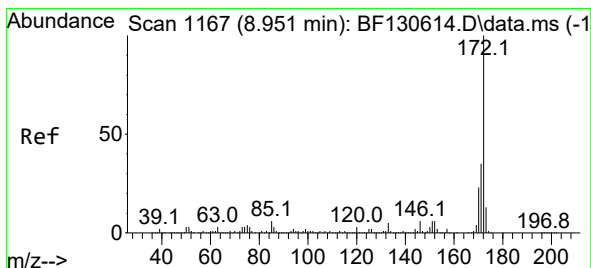
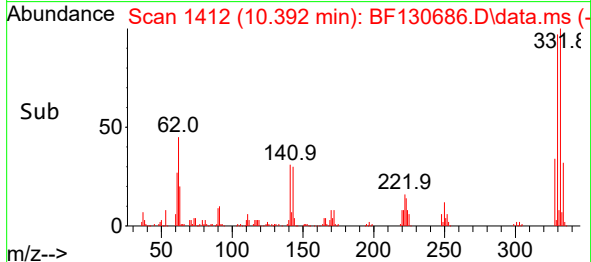
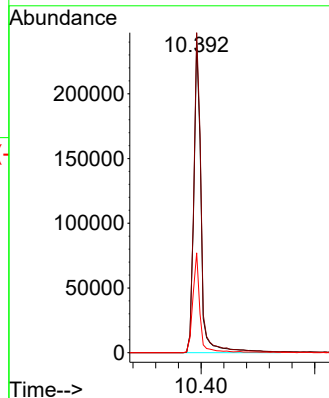
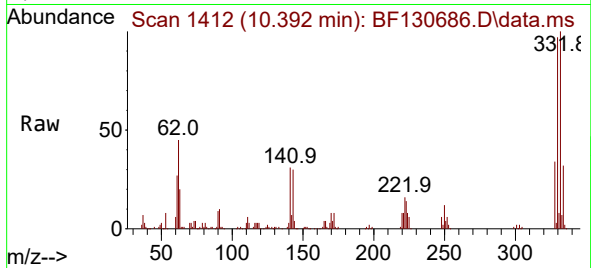
Tgt Ion:330 Resp: 214655

Ion Ratio Lower Upper

330 100

332 103.5 84.2 126.4

141 30.7 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 78.960 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF130686.D

Acq: 17 Oct 2022 14:49

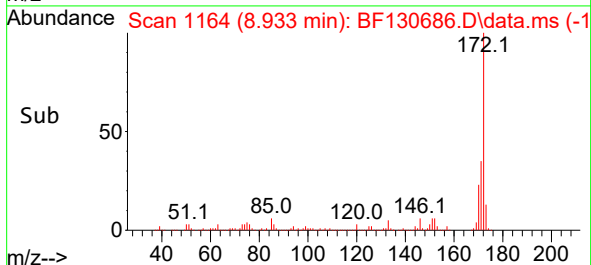
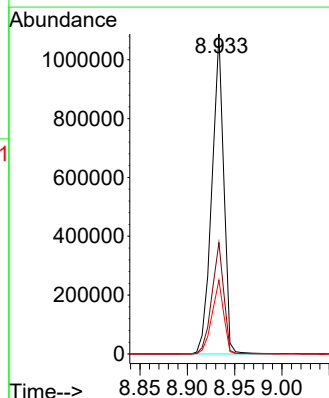
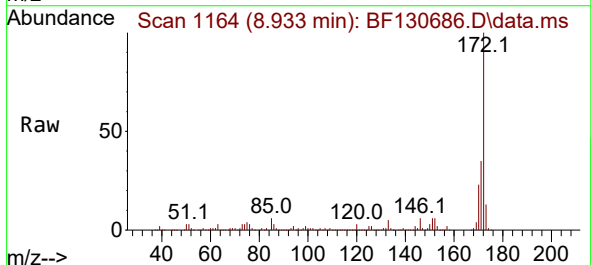
Tgt Ion:172 Resp: 949898

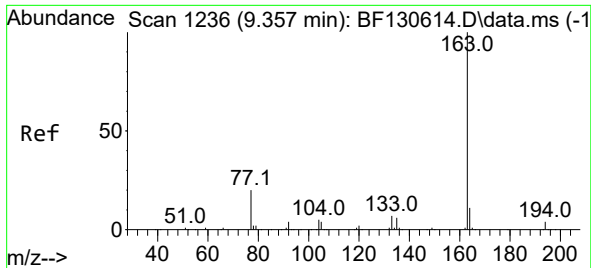
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 23.1 18.6 27.8

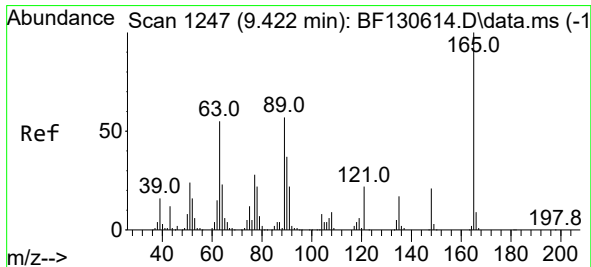
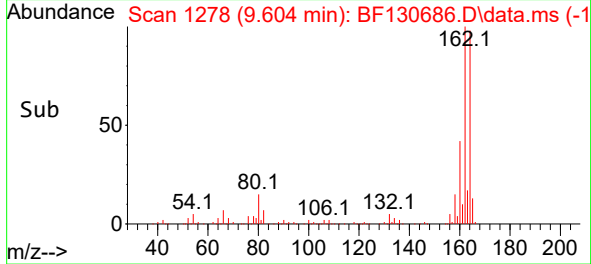
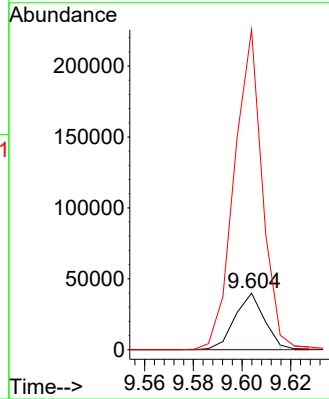
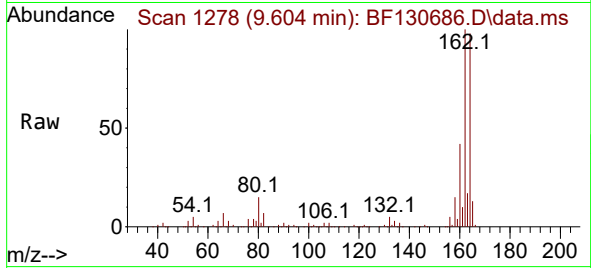




#50
Dimethylphthalate
Concen: 2.665 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.259 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

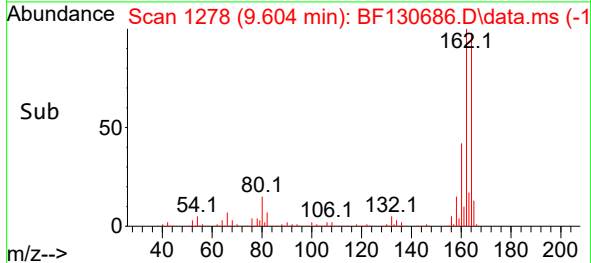
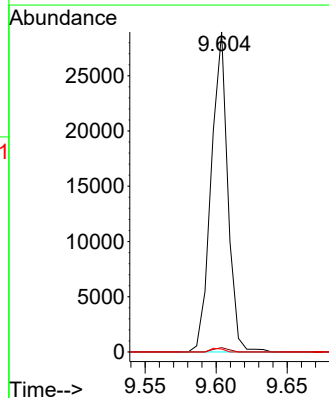
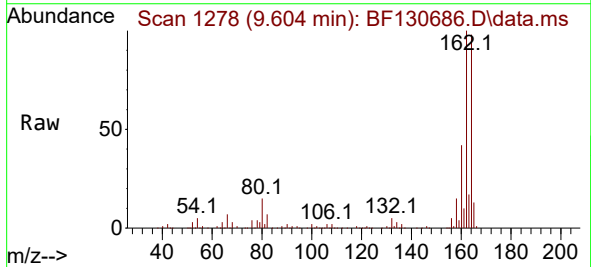
Instrument :
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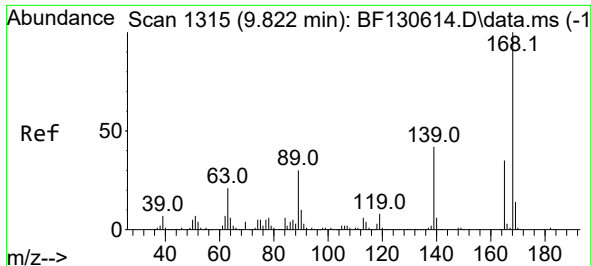
Tgt Ion:163 Resp: 33615
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 566.4 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.541 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.194 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

Tgt Ion:165 Resp: 23634
Ion Ratio Lower Upper
165 100
63 1.3 45.3 67.9#
89 0.9 45.6 68.4#

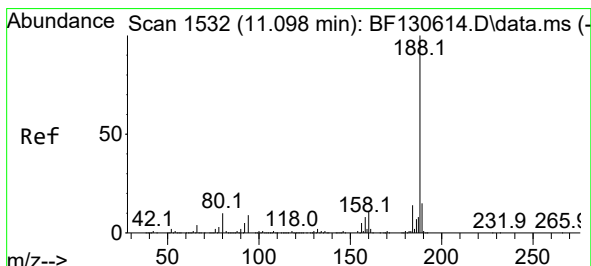
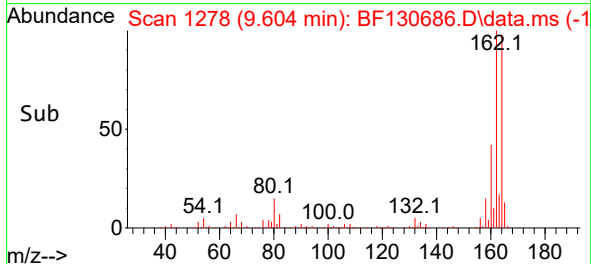
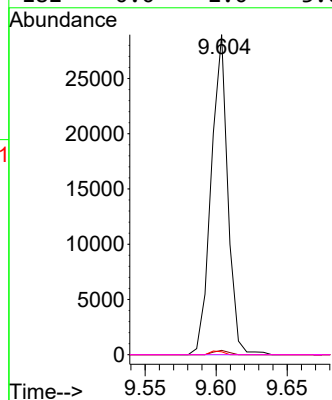
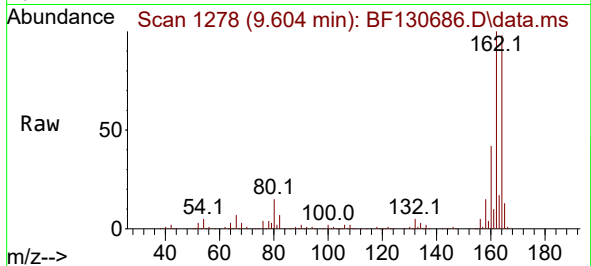




#57
2,4-Dinitrotoluene
Concen: 6.646 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

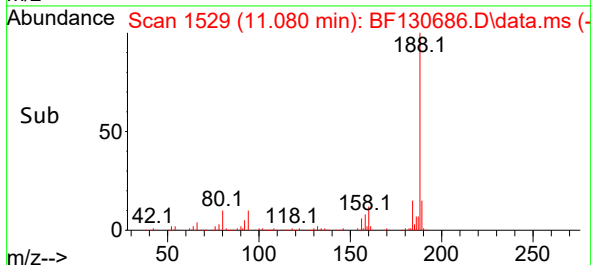
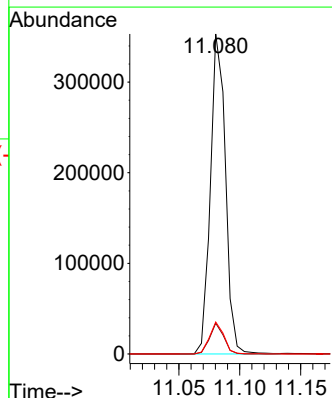
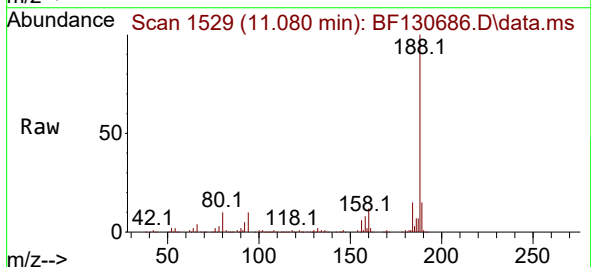
Instrument :
BNA_F
ClientSampleId :
PB148379BL

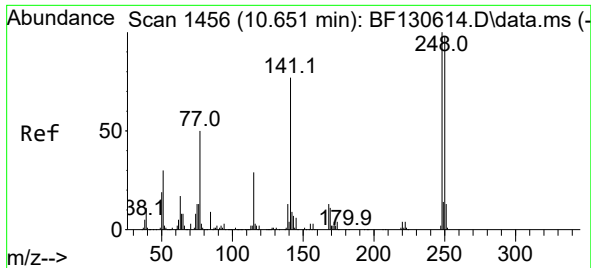
Tgt Ion:165 Resp: 23634
Ion Ratio Lower Upper
165 100
63 1.3 50.6 76.0#
89 0.9 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.080 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

Tgt Ion:188 Resp: 303309
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.0 8.0 12.0

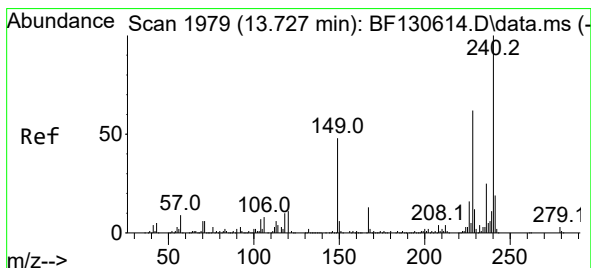
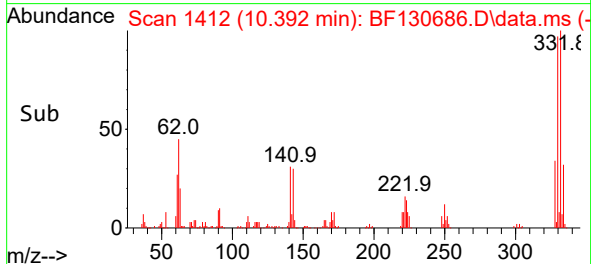
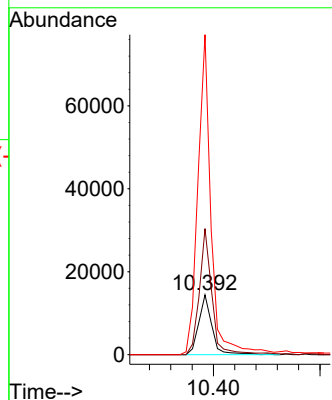
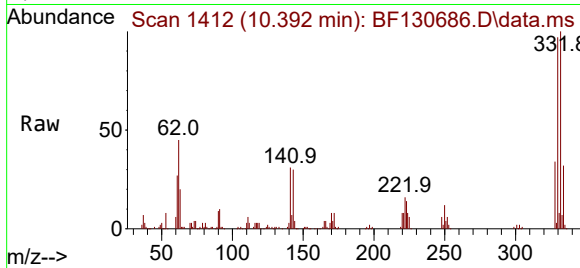




#67
4-Bromophenyl-phenylether
Concen: 3.615 ng
RT: 10.392 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

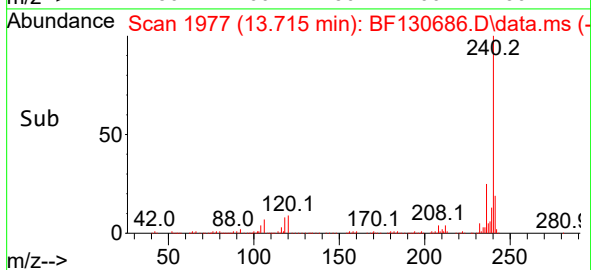
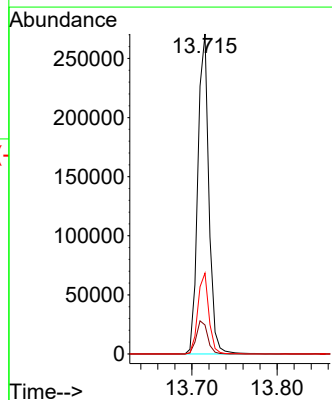
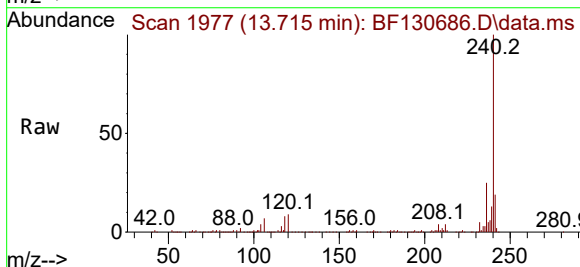
Instrument :
BNA_F
ClientSampleId :
PB148379BL

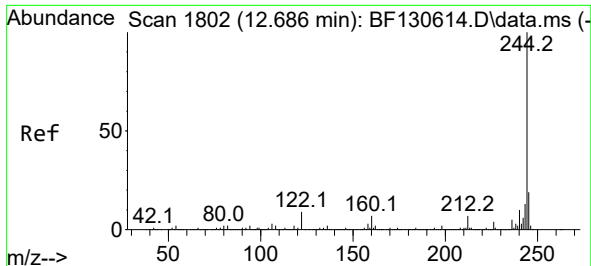
Tgt Ion:248 Resp: 12408
Ion Ratio Lower Upper
248 100
250 210.7 78.7 118.1#
141 534.9 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BF130686.D
Acq: 17 Oct 2022 14:49

Tgt Ion:240 Resp: 243535
Ion Ratio Lower Upper
240 100
120 9.1 8.6 13.0
236 25.3 20.2 30.4

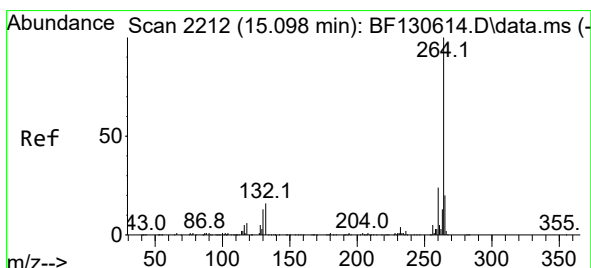
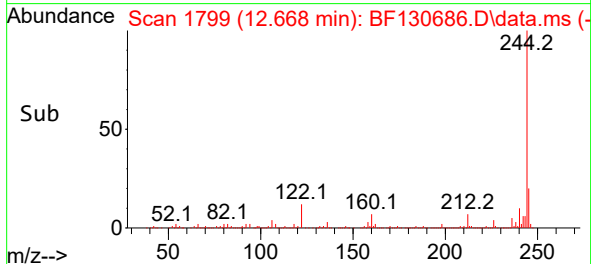
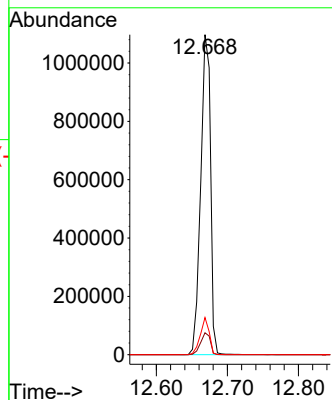
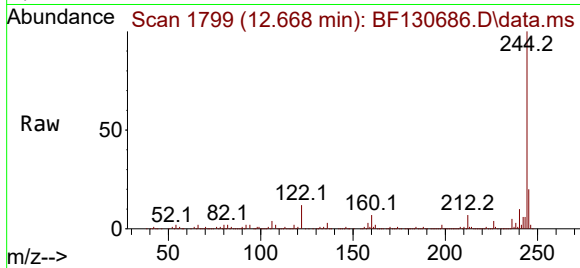




#79
 Terphenyl-d14
 Concen: 71.995 ng
 RT: 12.668 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130686.D
 Acq: 17 Oct 2022 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB148379BL

Tgt Ion:244 Resp: 1056399
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.6 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: BF130686.D
 Acq: 17 Oct 2022 14:49

Tgt Ion:264 Resp: 209032
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 21.6 16.4 24.6

