

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133478.D
 Acq On : 24 May 2023 19:07
 Operator : CG\JU
 Sample : 02892-01DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-30DL

Quant Time: May 25 05:21:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

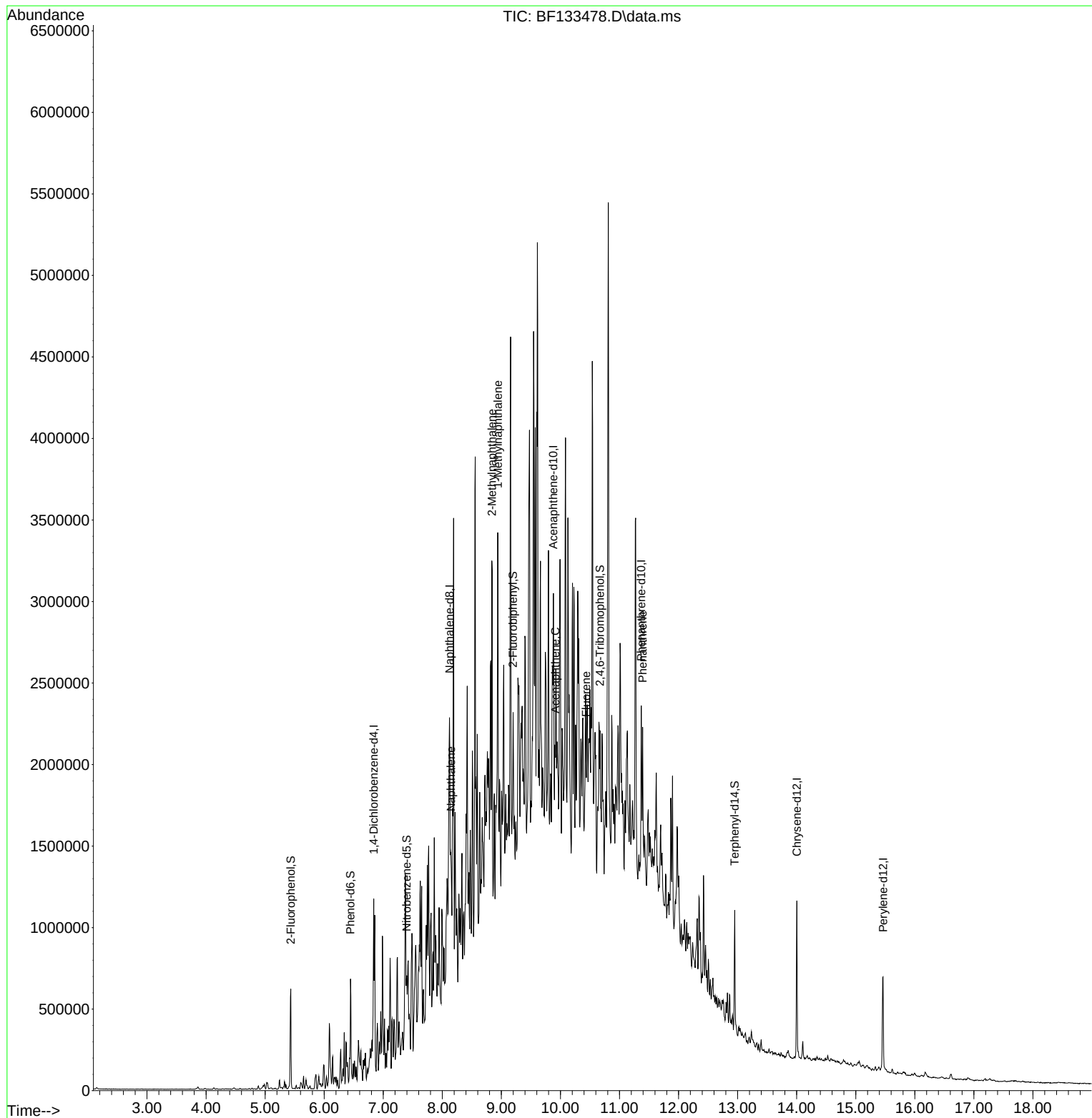
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	122754	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	421777	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	183792	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	368123	20.000	ng	0.00
76) Chrysene-d12	14.004	240	304668	20.000	ng	0.00
86) Perylene-d12	15.462	264	268485	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	135022	17.980	ng	-0.01
7) Phenol-d6	6.445	99	168415	18.656	ng	-0.02
23) Nitrobenzene-d5	7.398	82	95243	15.612	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	31927	18.805	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	175891	13.464	ng	0.00
79) Terphenyl-d14	12.951	244	213724	13.412	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.145	128	49453	2.387	ng	# 74
37) 2-Methylnaphthalene	8.839	142	617132	44.434	ng	99
38) 1-Methylnaphthalene	8.939	142	534106	41.270	ng	99
52) Acenaphthene	9.916	154	46525	4.125	ng	# 77
58) Fluorene	10.433	166	84882	6.986	ng	# 90
71) Phenanthrene	11.392	178	282853	14.839	ng	# 96

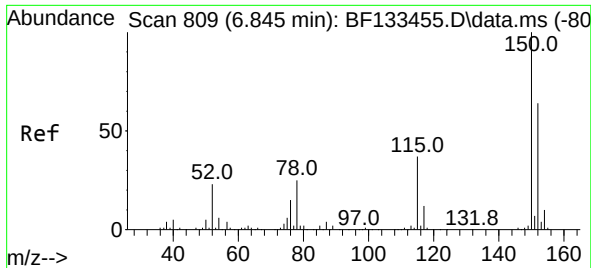
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-30DL

Quant Time: May 25 05:21:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 02:41:39 2023
Response via : Initial Calibration

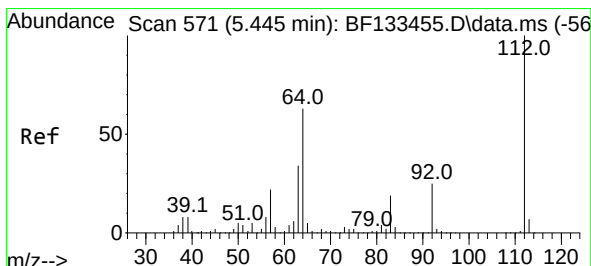
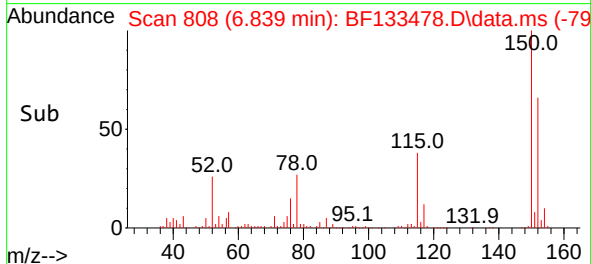
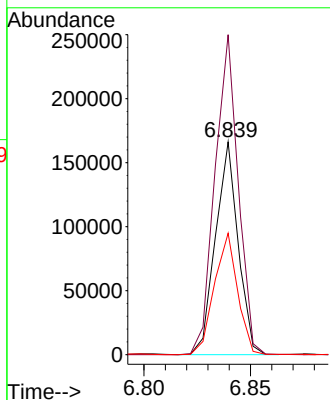
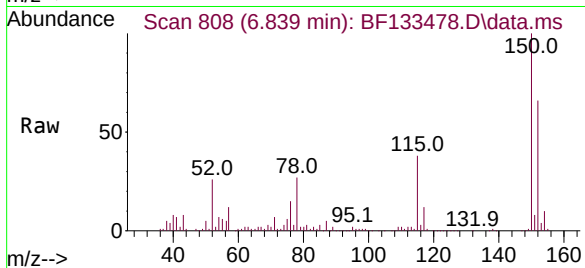




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

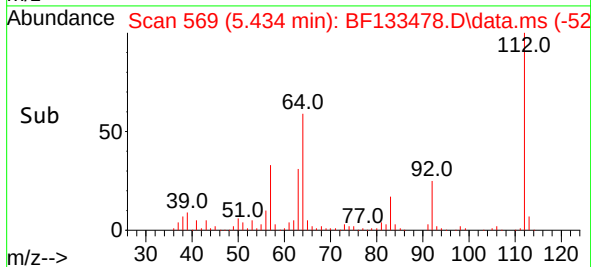
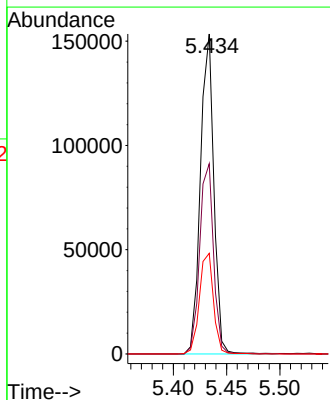
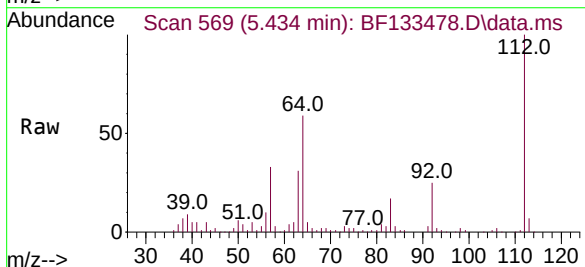
Instrument :
BNA_F
ClientSampleId :
TP-30DL

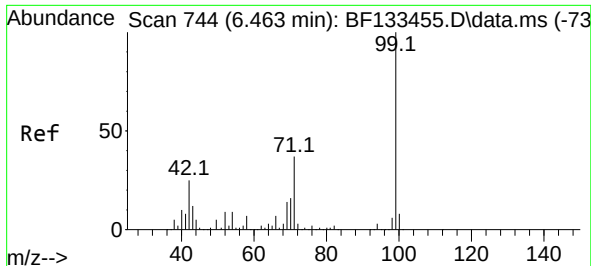
Tgt Ion:152 Resp: 122754
Ion Ratio Lower Upper
152 100
150 150.4 125.6 188.4
115 57.1 47.0 70.4



#5
2-Fluorophenol
Concen: 17.980 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.012 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

Tgt Ion:112 Resp: 135022
Ion Ratio Lower Upper
112 100
64 59.5 50.2 75.4
63 31.4 27.2 40.8

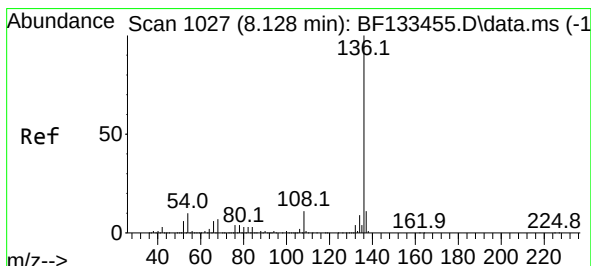
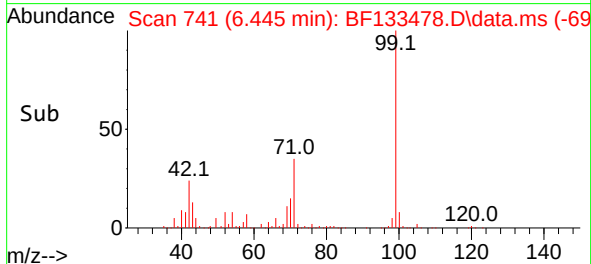
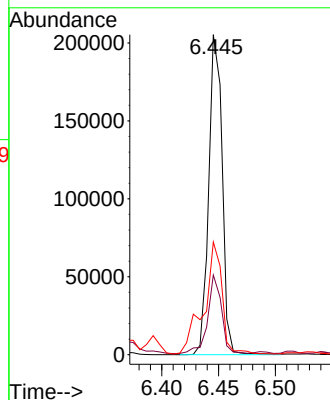
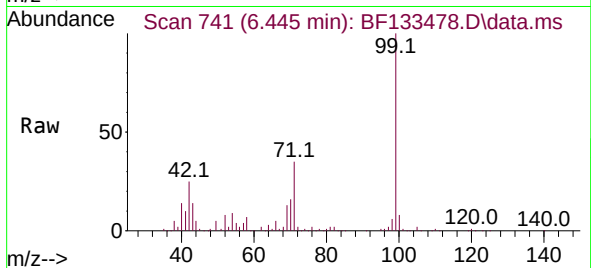




#7
Phenol-d6
Concen: 18.656 ng
RT: 6.445 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

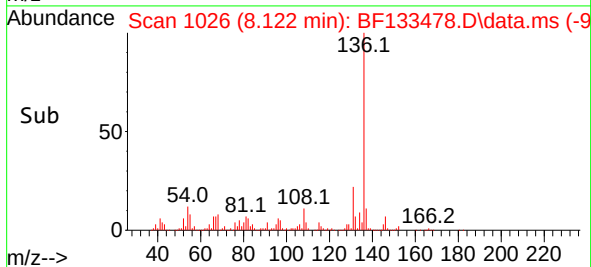
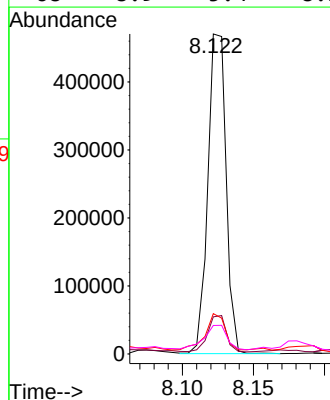
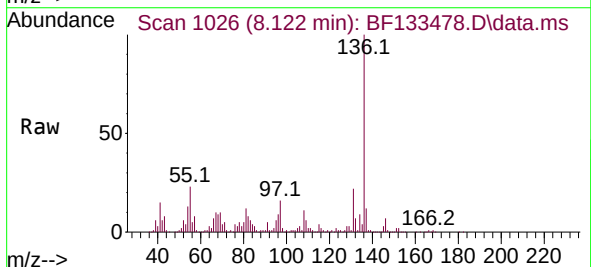
Instrument :
BNA_F
ClientSampleId :
TP-30DL

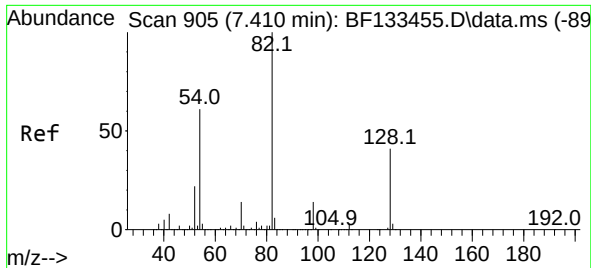
Tgt Ion: 99 Resp: 168415
Ion Ratio Lower Upper
99 100
42 24.9 19.6 29.4
71 35.2 29.5 44.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

Tgt Ion:136 Resp: 421777
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 12.6 8.0 12.0#
68 8.9 5.4 8.2#

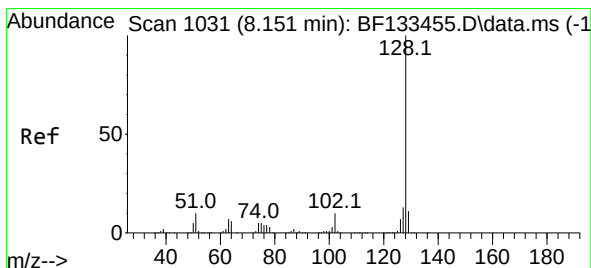
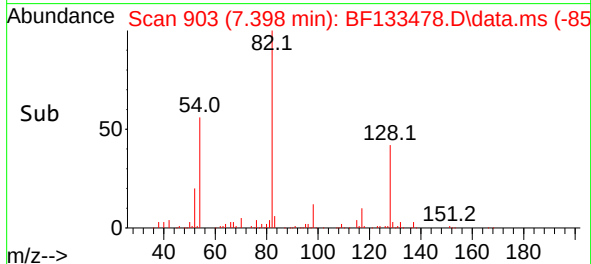
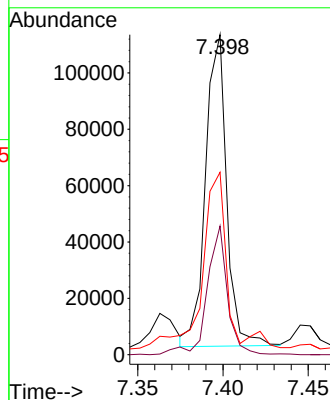
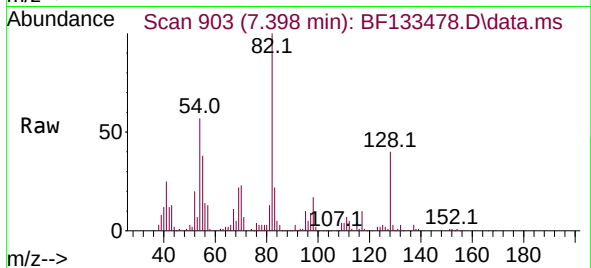




#23
Nitrobenzene-d5
Concen: 15.612 ng
RT: 7.398 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

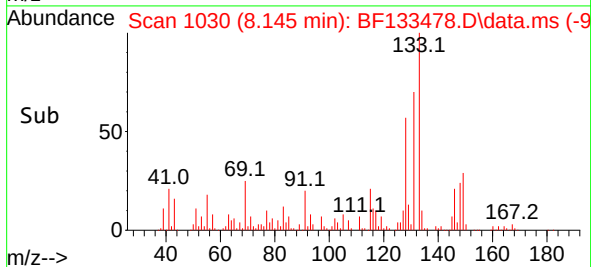
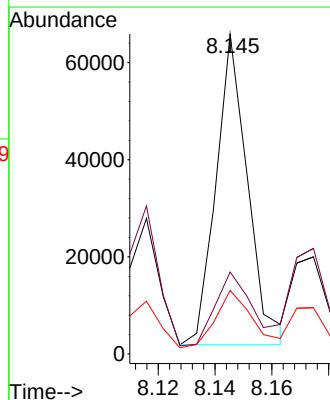
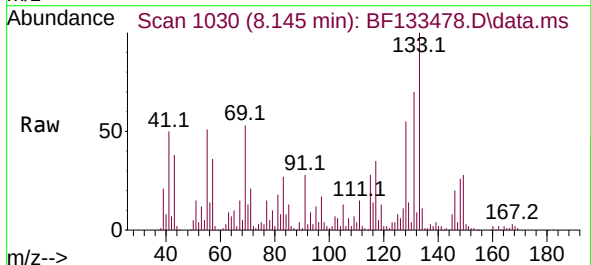
Instrument :
BNA_F
ClientSampleId :
TP-30DL

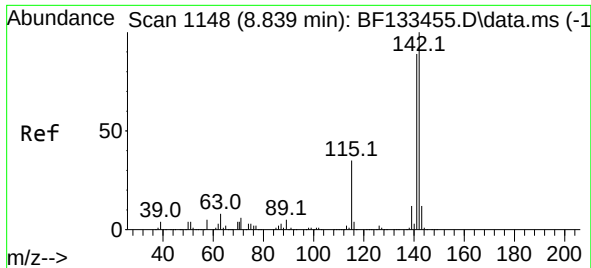
Tgt Ion: 82 Resp: 95243
Ion Ratio Lower Upper
82 100
128 40.2 33.0 49.6
54 57.0 48.5 72.7



#31
Naphthalene
Concen: 2.387 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

Tgt Ion: 128 Resp: 49453
Ion Ratio Lower Upper
128 100
129 25.6 8.9 13.3#
127 19.9 10.6 15.8#

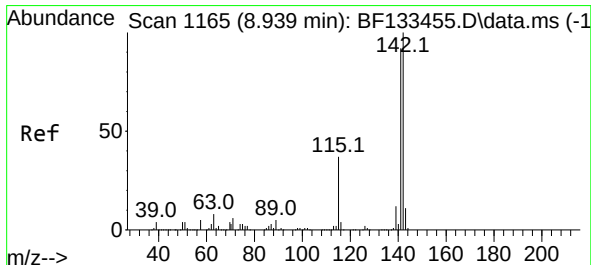
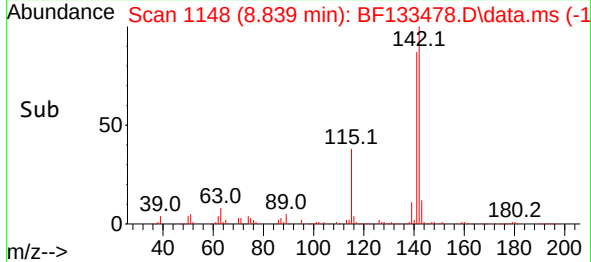
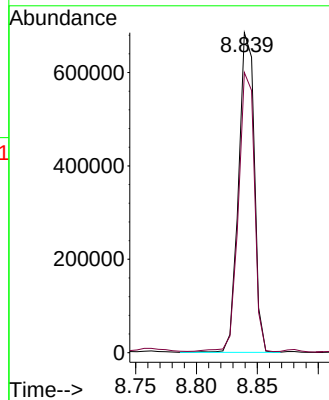
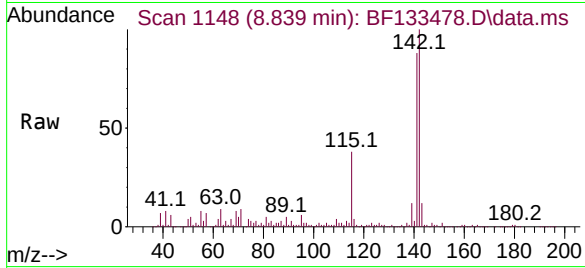




#37
2-Methylnaphthalene
Concen: 44.434 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

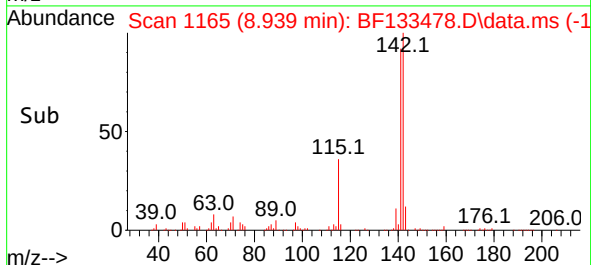
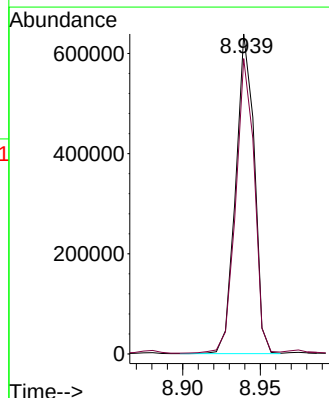
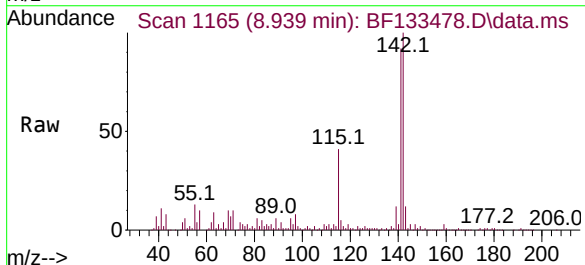
Instrument :
BNA_F
ClientSampleId :
TP-30DL

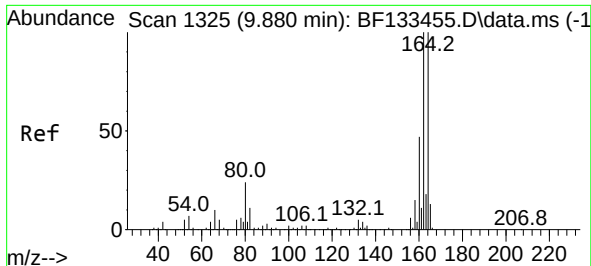
Tgt Ion:142 Resp: 617132
Ion Ratio Lower Upper
142 100
141 87.5 70.9 106.3



#38
1-Methylnaphthalene
Concen: 41.270 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

Tgt Ion:142 Resp: 534106
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9

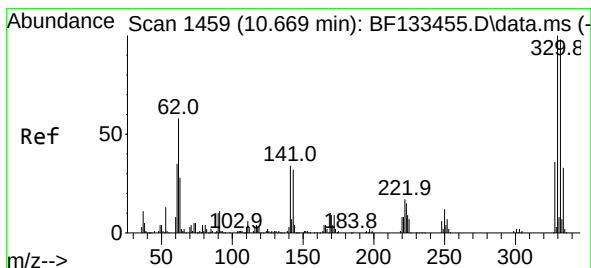
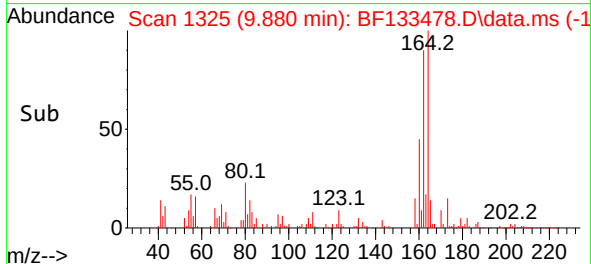
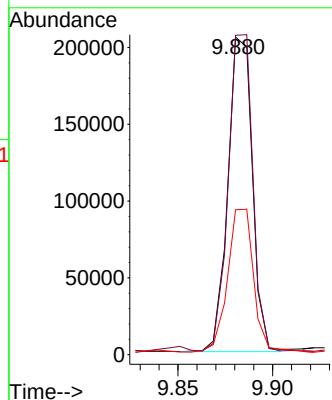
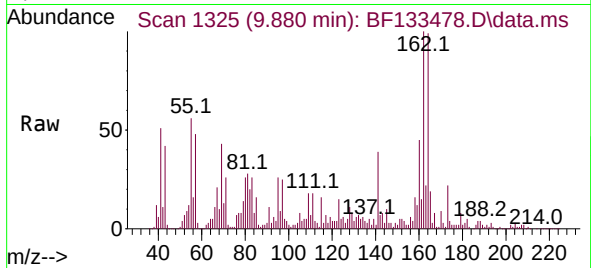




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

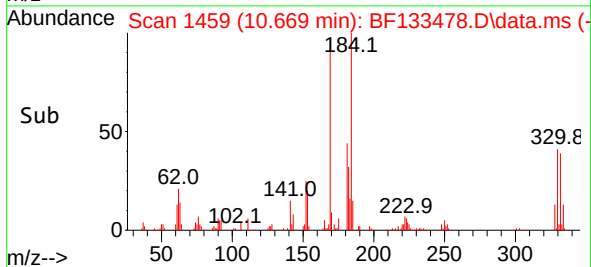
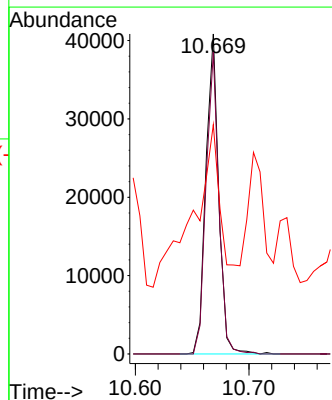
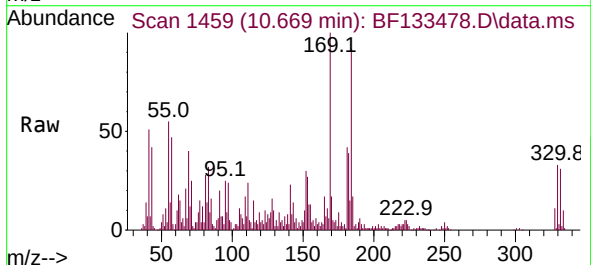
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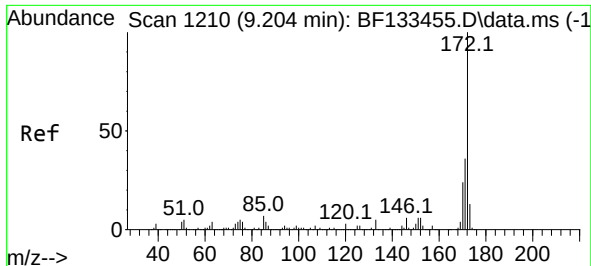
Tgt Ion:164 Resp: 183792
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.6
160 45.7 37.4 56.0



#42
2,4,6-Tribromophenol
Concen: 18.805 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

Tgt Ion:330 Resp: 31927
Ion Ratio Lower Upper
330 100
332 94.1 77.0 115.6
141 109.3 28.5 42.7#

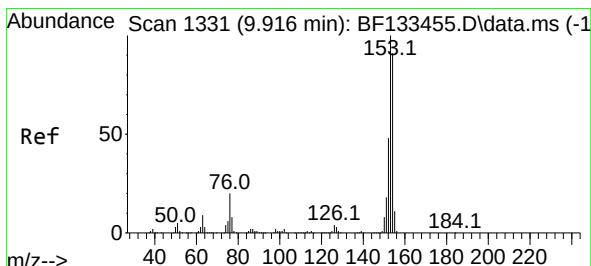
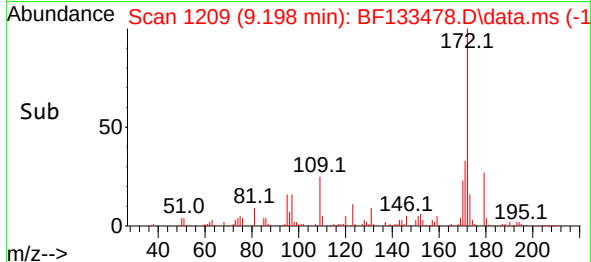
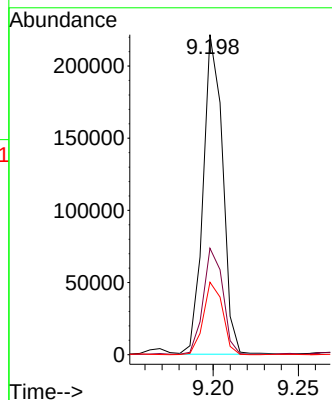
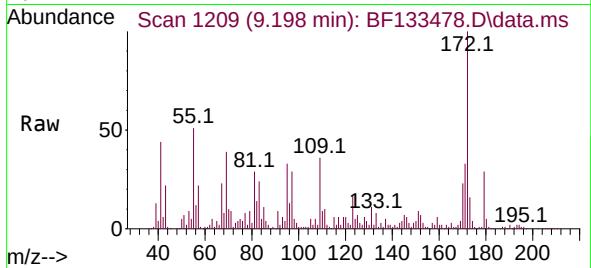




#45
2-Fluorobiphenyl
Concen: 13.464 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

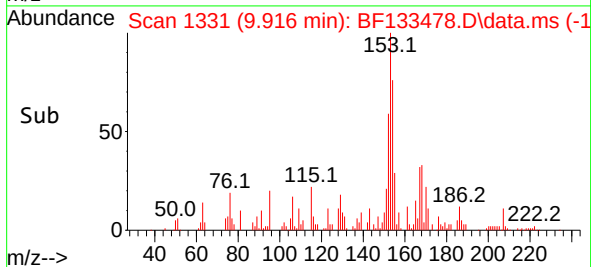
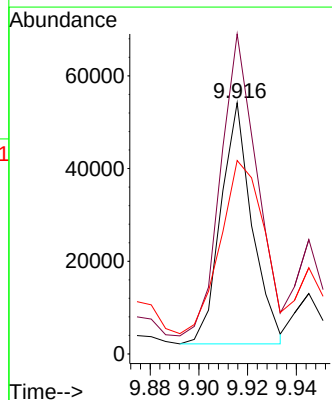
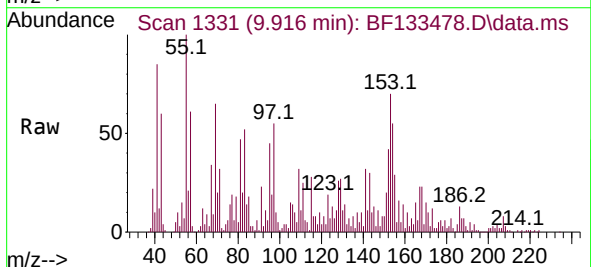
Instrument :
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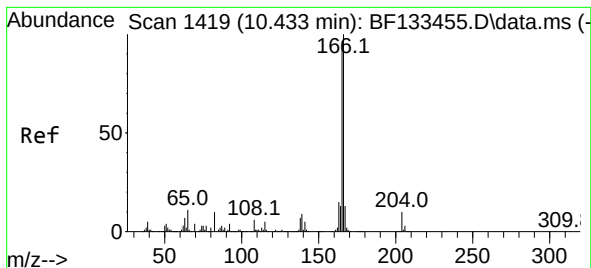
Tgt Ion:172 Resp: 175891
Ion Ratio Lower Upper
172 100
171 33.3 28.5 42.7
170 22.7 19.0 28.4



#52
Acenaphthene
Concen: 4.125 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

Tgt Ion:154 Resp: 46525
Ion Ratio Lower Upper
154 100
153 127.4 87.6 131.4
152 77.0 41.8 62.8#





#58

Fluorene

Concen: 6.986 ng

RT: 10.433 min Scan# 1419

Delta R.T. 0.000 min

Lab File: BF133478.D

Acq: 24 May 2023 19:07

Instrument :

BNA_F

ClientSampleId :

TP-30DL

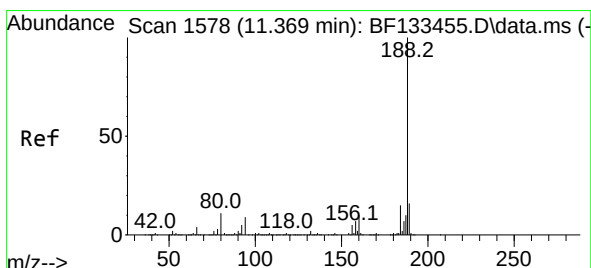
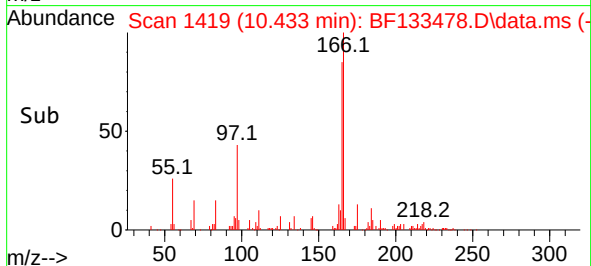
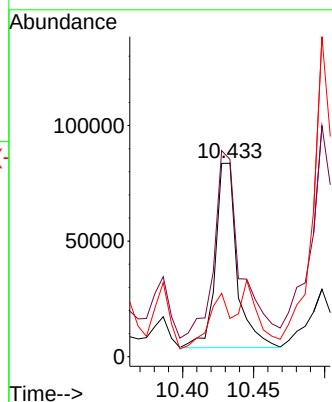
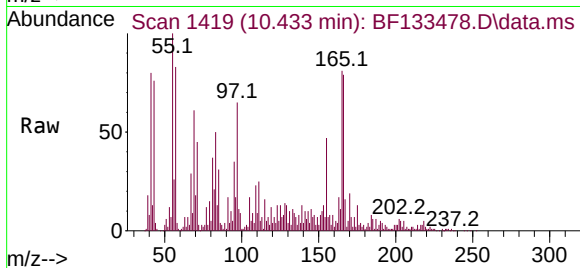
Tgt Ion:166 Resp: 84882

Ion Ratio Lower Upper

166 100

165 102.0 74.2 111.4

167 19.8 10.6 16.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF133478.D

Acq: 24 May 2023 19:07

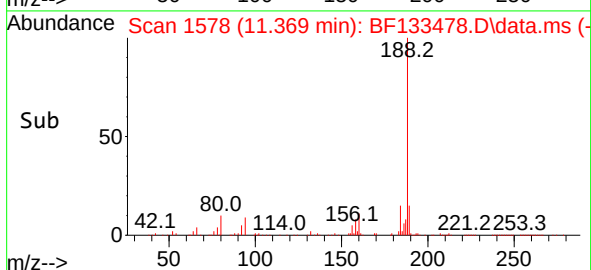
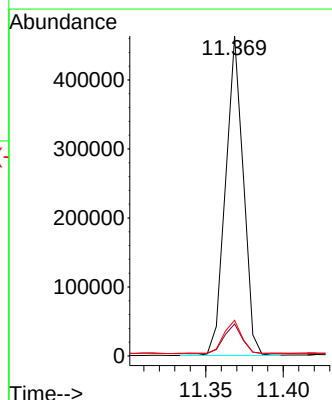
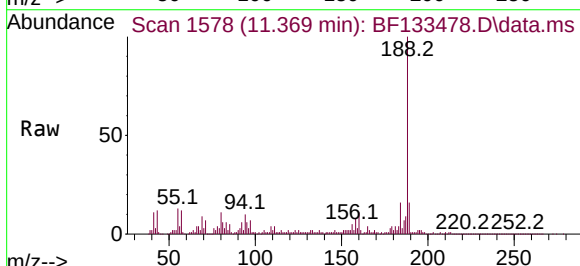
Tgt Ion:188 Resp: 368123

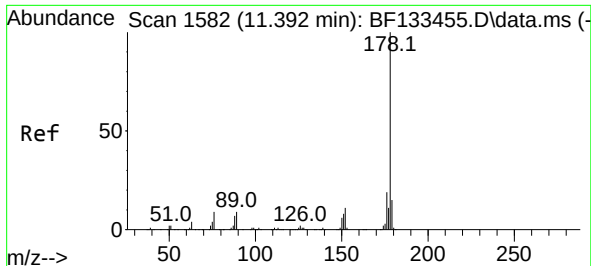
Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

80 11.1 8.7 13.1

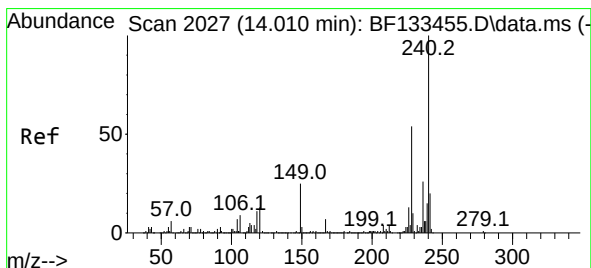
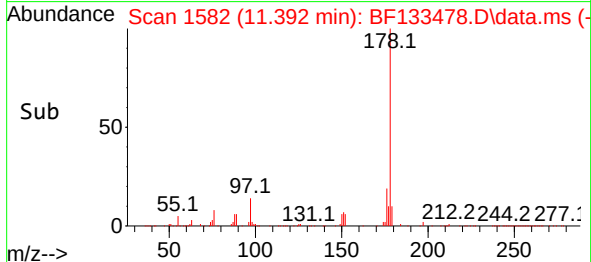
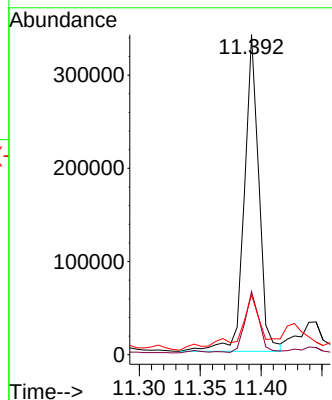
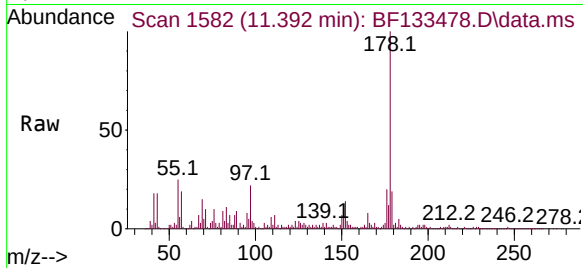




#71
Phenanthrene
Concen: 14.839 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

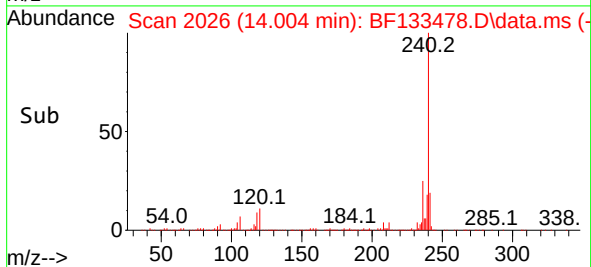
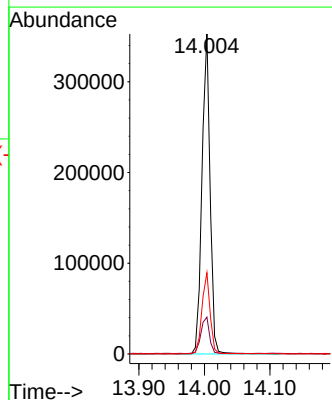
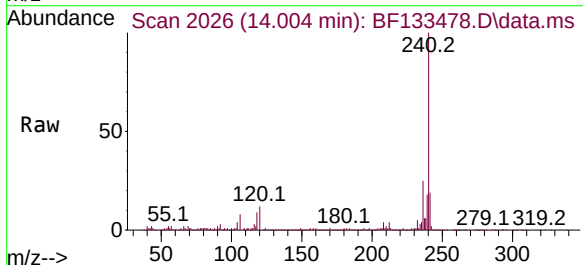
Instrument :
BNA_F
ClientSampleId :
TP-30DL

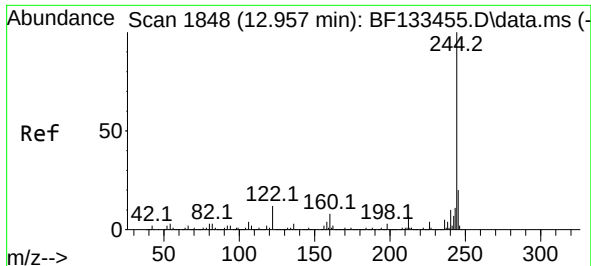
Tgt Ion:178 Resp: 282853
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 18.7 12.2 18.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133478.D
Acq: 24 May 2023 19:07

Tgt Ion:240 Resp: 304668
Ion Ratio Lower Upper
240 100
120 11.5 10.2 15.4
236 25.4 20.9 31.3

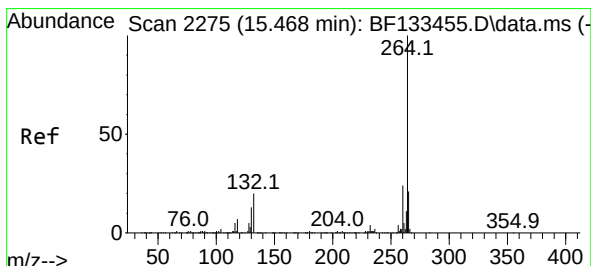
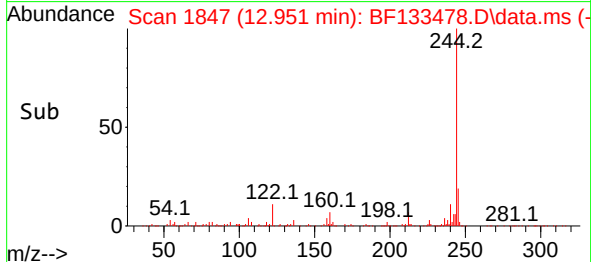
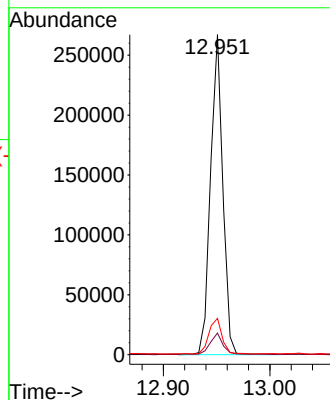
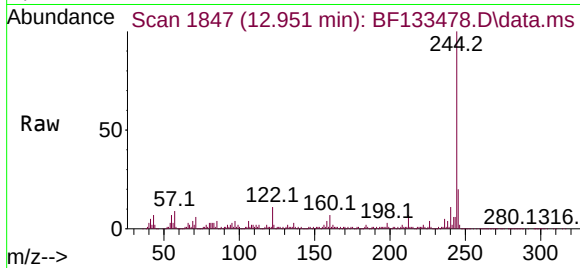




#79
 Terphenyl-d14
 Concen: 13.412 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133478.D
 Acq: 24 May 2023 19:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-30DL

Tgt Ion:244 Resp: 213724
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.4 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133478.D
 Acq: 24 May 2023 19:07

Tgt Ion:264 Resp: 268485
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.4 17.0 25.4

