

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133060.D
 Acq On : 26 Apr 2023 12:08
 Operator : CG\JU
 Sample : 02427-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230349-COMP-27

Quant Time: Apr 27 01:53:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

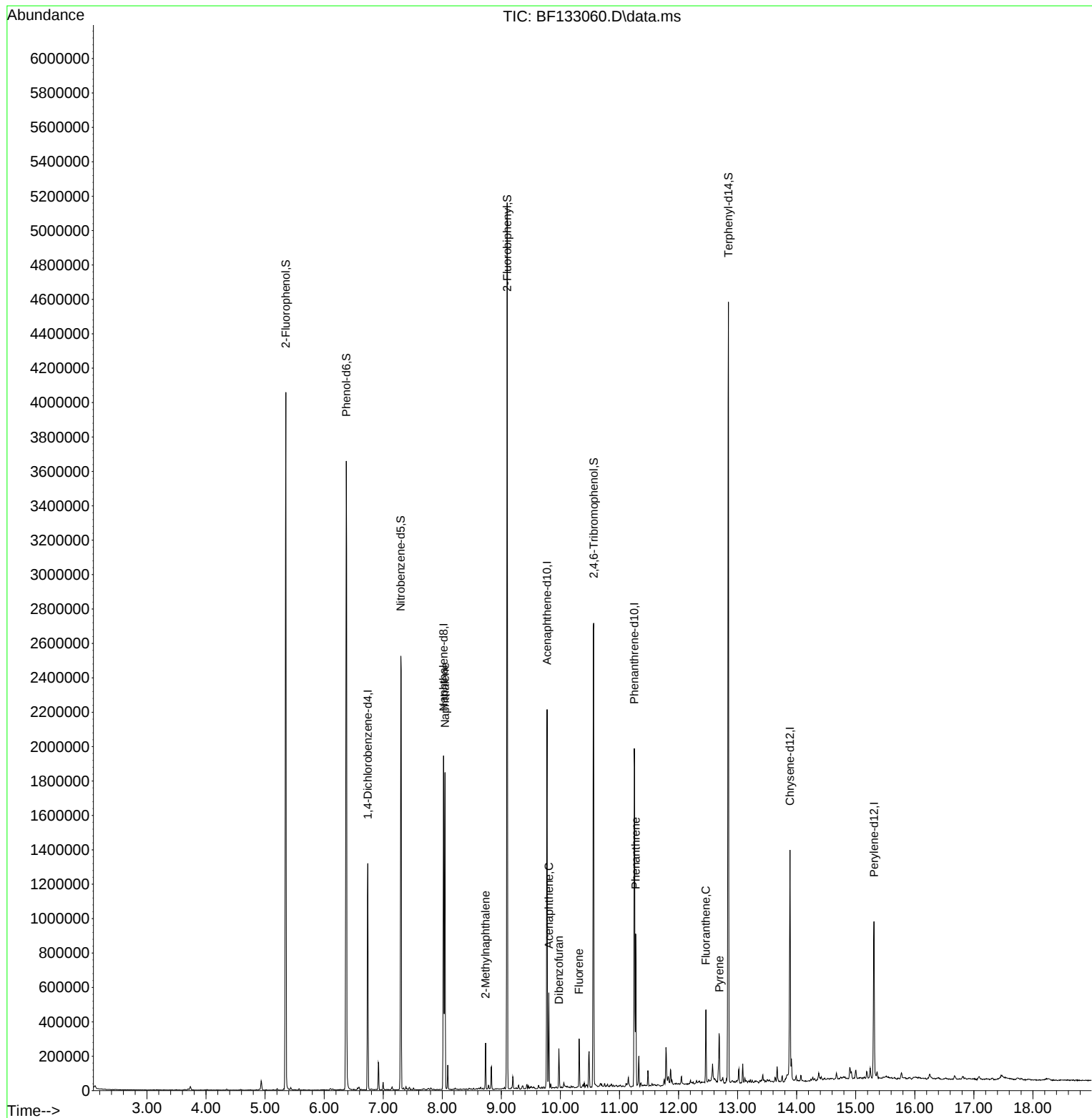
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	185793	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	753115	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	398293	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	733203	20.000	ng	-0.01
76) Chrysene-d12	13.886	240	375638	20.000	ng	-0.01
86) Perylene-d12	15.310	264	370489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1143107	92.942	ng	0.00
7) Phenol-d6	6.375	99	1427297	93.496	ng	-0.01
23) Nitrobenzene-d5	7.298	82	829034	59.418	ng	-0.01
42) 2,4,6-Tribromophenol	10.563	330	355885	88.847	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1417263	59.531	ng	-0.01
79) Terphenyl-d14	12.845	244	1573363	72.238	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.045	128	726346	19.290	ng	100
37) 2-Methylnaphthalene	8.734	142	61575	2.392	ng	98
52) Acenaphthene	9.804	154	102123	4.128	ng	98
55) Dibenzofuran	9.975	168	71837	2.129	ng	99
58) Fluorene	10.316	166	69237	2.800	ng	96
71) Phenanthrene	11.275	178	299412	7.598	ng	100
75) Fluoranthene	12.463	202	148279	3.749	ng	97
78) Pyrene	12.692	202	110601	3.435	ng	99

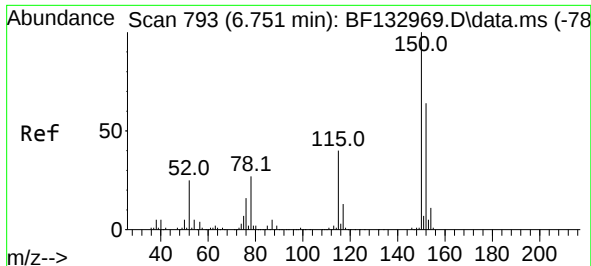
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
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Quant Time: Apr 27 01:53:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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QLast Update : Tue Apr 25 18:24:07 2023
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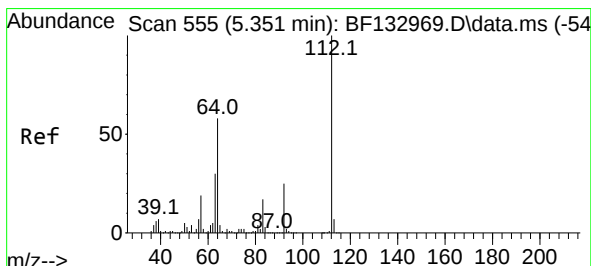
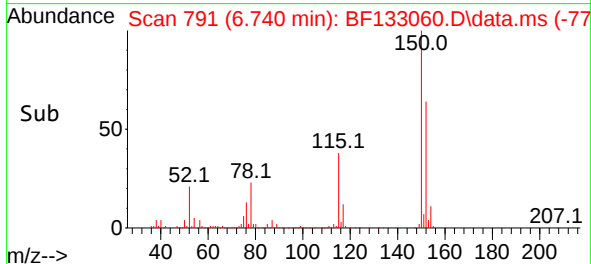
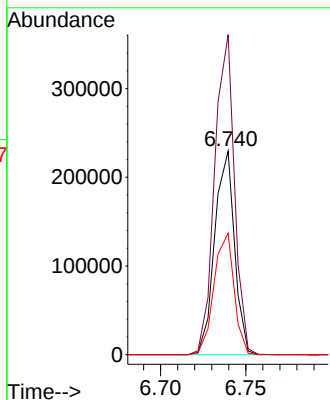
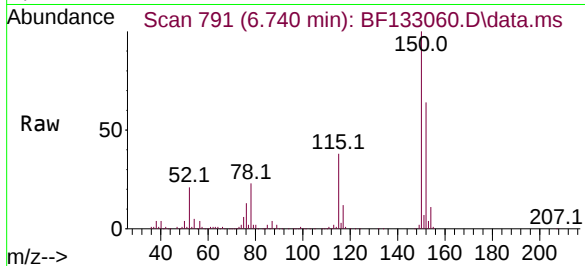




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133060.D
Acq: 26 Apr 2023 12:08

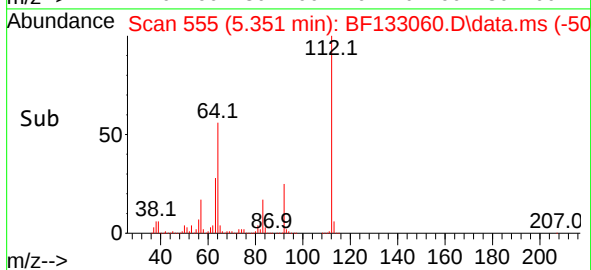
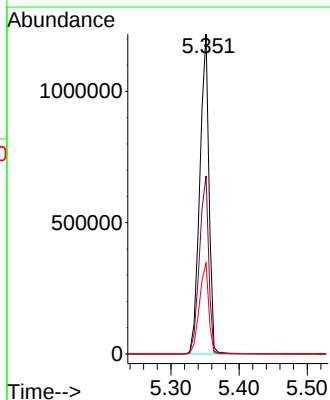
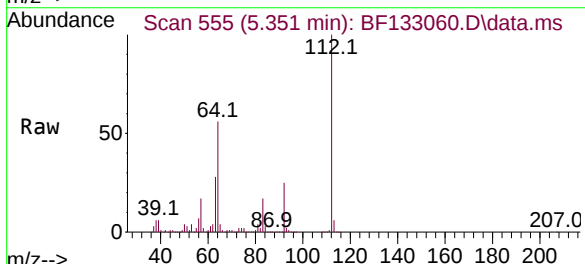
Instrument :
BNA_F
ClientSampleId :
20230349-COMP-27

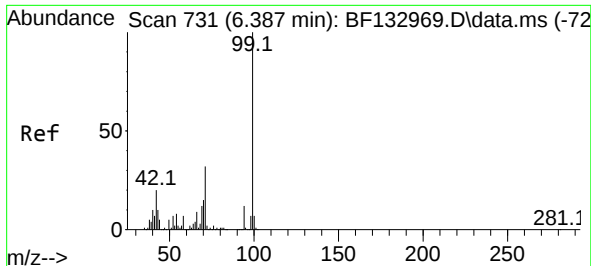
Tgt Ion:152 Resp: 185793
Ion Ratio Lower Upper
152 100
150 157.2 124.8 187.2
115 59.6 49.9 74.9



#5
2-Fluorophenol
Concen: 92.942 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF133060.D
Acq: 26 Apr 2023 12:08

Tgt Ion:112 Resp: 1143107
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 28.3 23.8 35.8

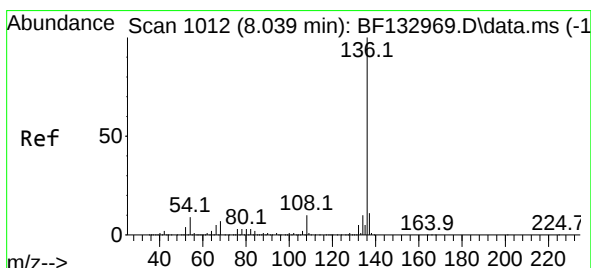
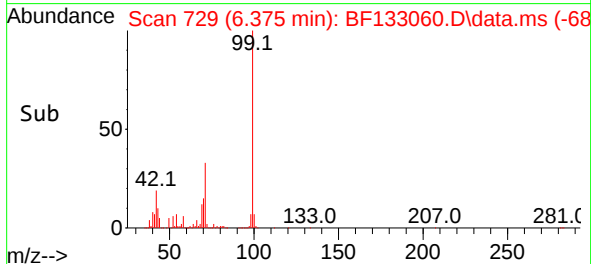
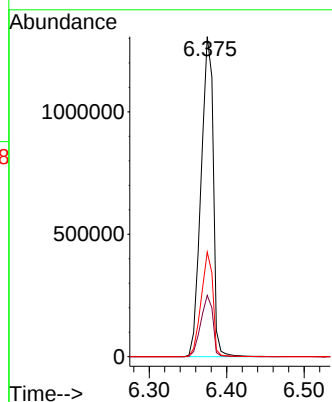
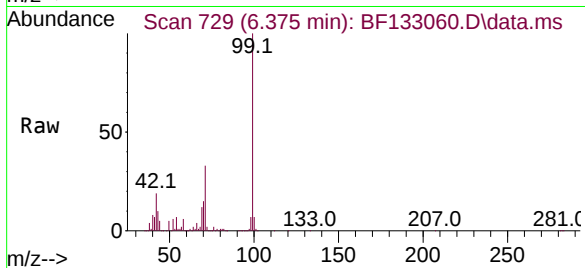




#7
Phenol-d6
Concen: 93.496 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133060.D
Acq: 26 Apr 2023 12:08

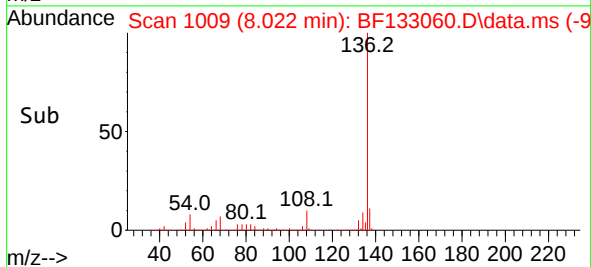
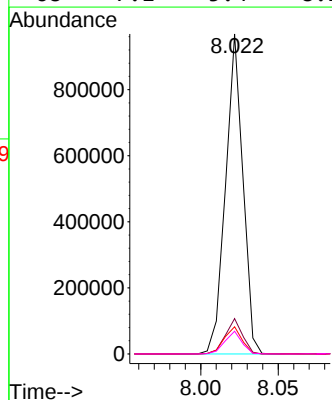
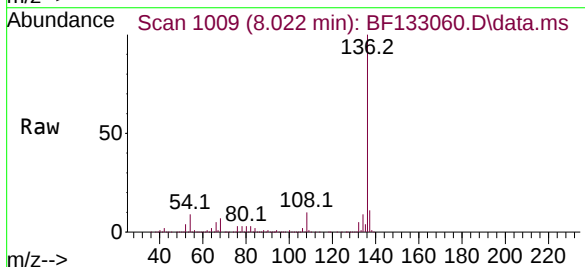
Instrument :
BNA_F
ClientSampleId :
20230349-COMP-27

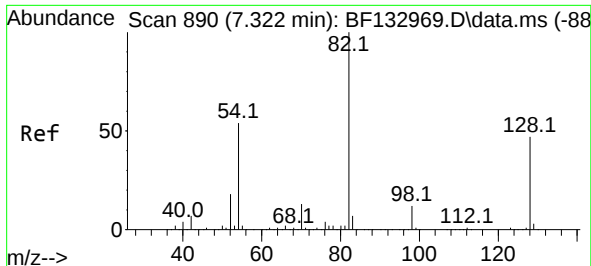
Tgt Ion: 99 Resp: 1427297
Ion Ratio Lower Upper
99 100
42 19.2 16.3 24.5
71 32.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133060.D
Acq: 26 Apr 2023 12:08

Tgt Ion: 136 Resp: 753115
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.5 7.0 10.4
68 7.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 59.418 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133060.D

Acq: 26 Apr 2023 12:08

Instrument :

BNA_F

ClientSampleId :

20230349-COMP-27

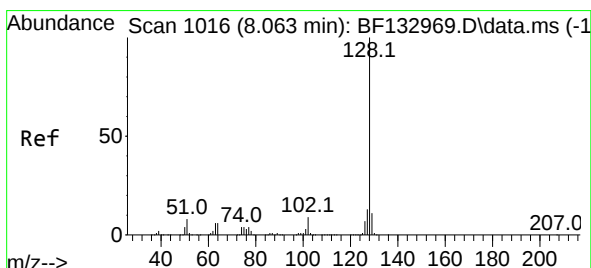
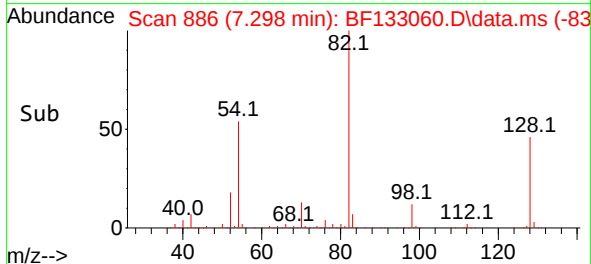
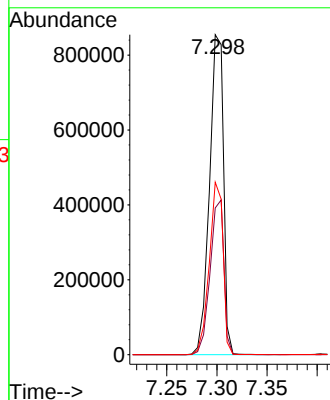
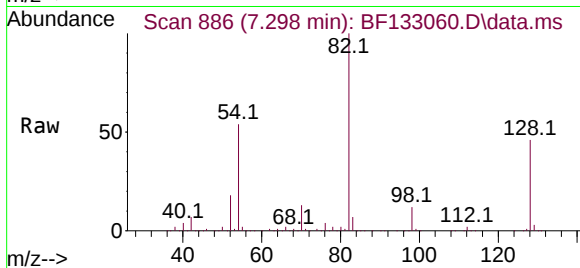
Tgt Ion: 82 Resp: 829034

Ion Ratio Lower Upper

82 100

128 45.9 37.7 56.5

54 53.9 43.0 64.4



#31

Naphthalene

Concen: 19.290 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF133060.D

Acq: 26 Apr 2023 12:08

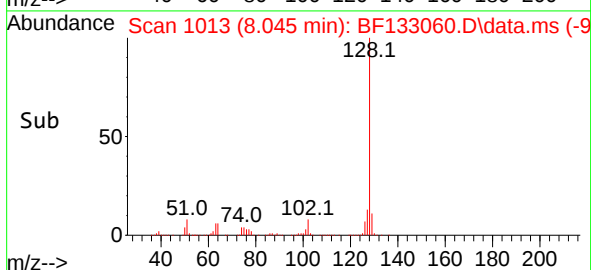
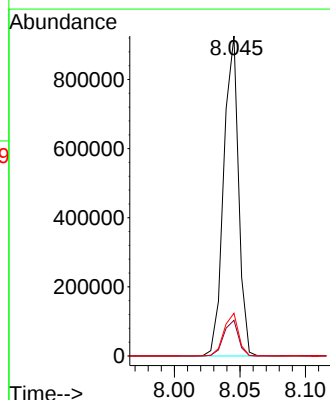
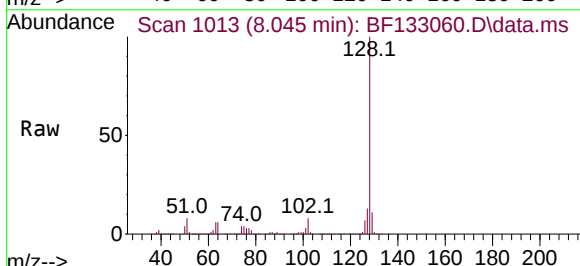
Tgt Ion: 128 Resp: 726346

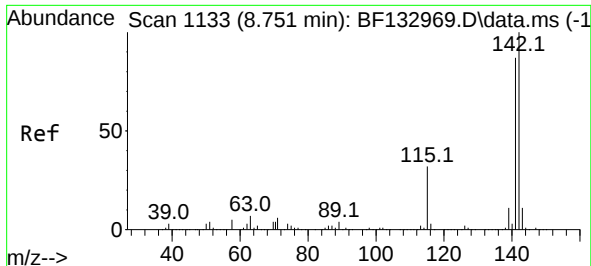
Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.3 10.7 16.1

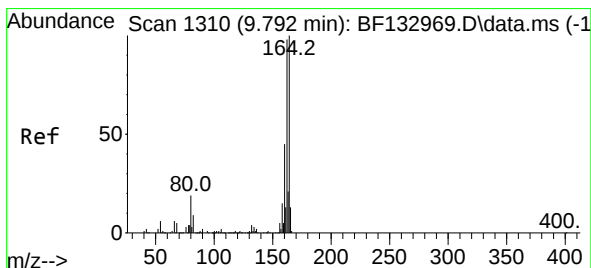
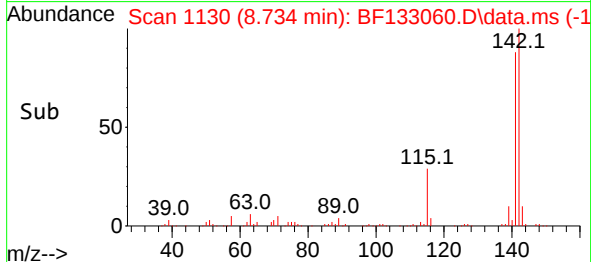
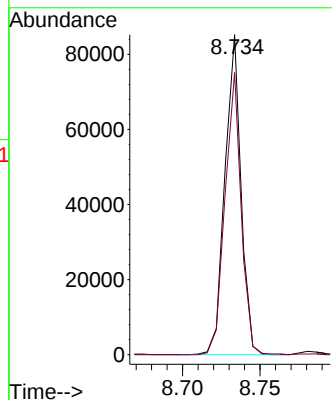
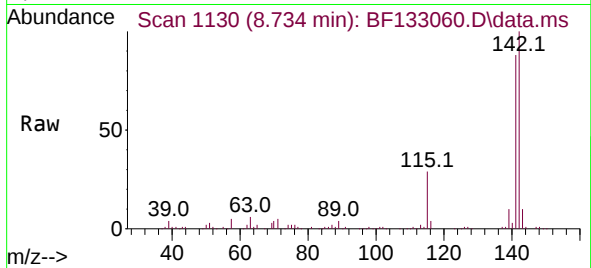




#37
2-Methylnaphthalene
Concen: 2.392 ng
RT: 8.734 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF133060.D
Acq: 26 Apr 2023 12:08

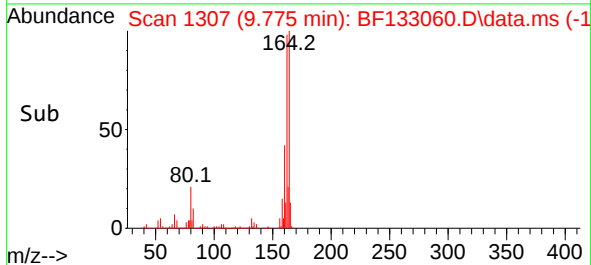
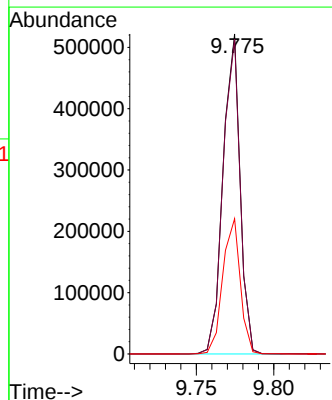
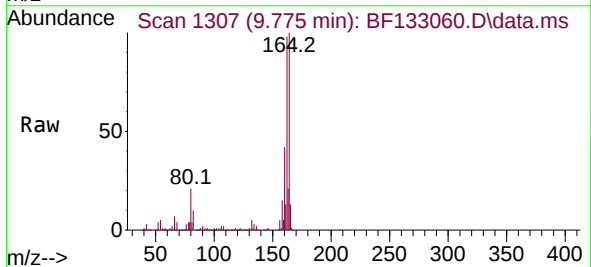
Instrument :
BNA_F
ClientSampleId :
20230349-COMP-27

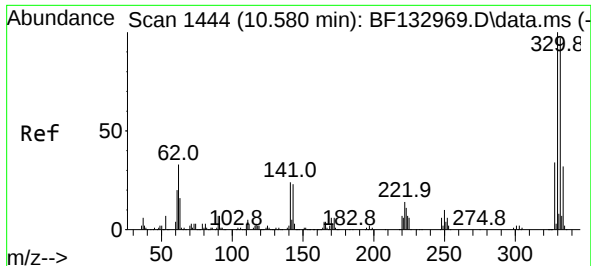
Tgt Ion:142 Resp: 61575
Ion Ratio Lower Upper
142 100
141 88.1 69.4 104.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF133060.D
Acq: 26 Apr 2023 12:08

Tgt Ion:164 Resp: 398293
Ion Ratio Lower Upper
164 100
162 98.4 78.7 118.1
160 42.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 88.847 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133060.D

Acq: 26 Apr 2023 12:08

Instrument :

BNA_F

ClientSampleId :

20230349-COMP-27

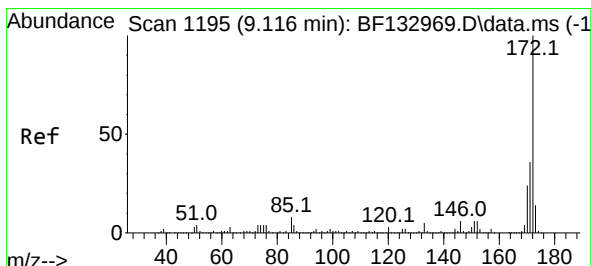
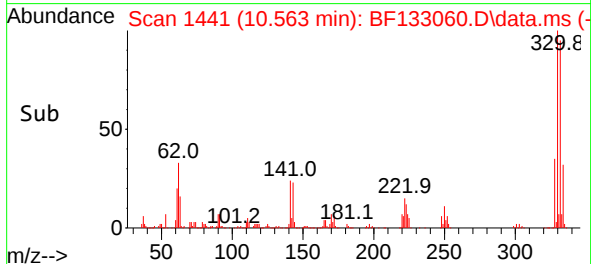
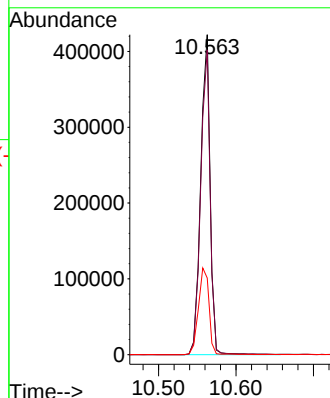
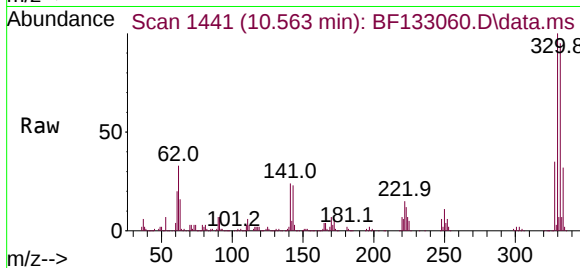
Tgt Ion:330 Resp: 355885

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 30.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 59.531 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF133060.D

Acq: 26 Apr 2023 12:08

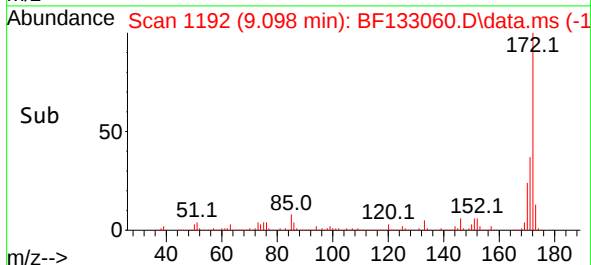
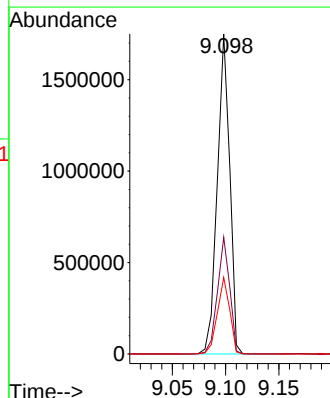
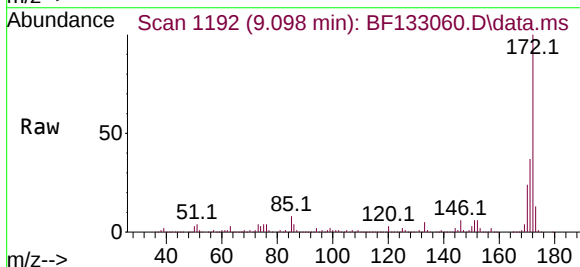
Tgt Ion:172 Resp: 1417263

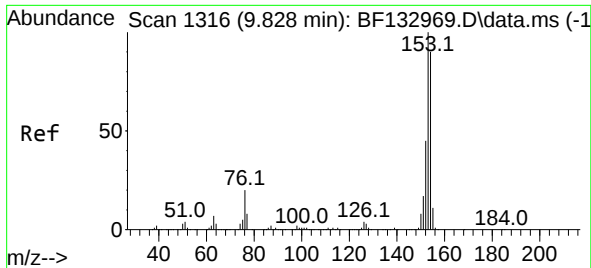
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 23.9 19.4 29.2

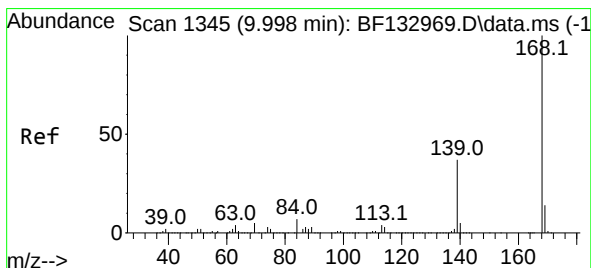
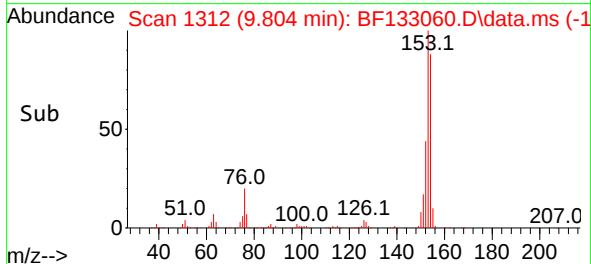
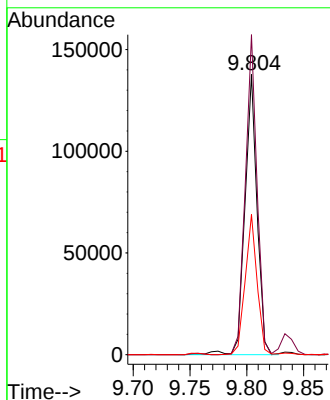
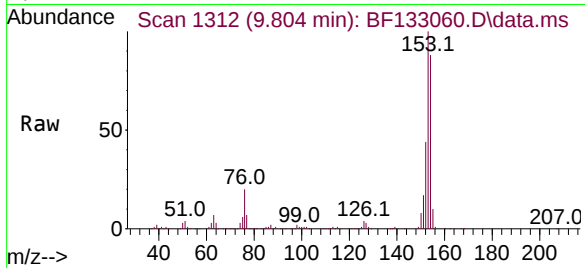




#52
Acenaphthene
Concen: 4.128 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133060.D
Acq: 26 Apr 2023 12:08

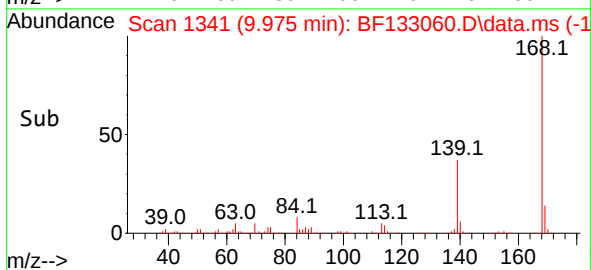
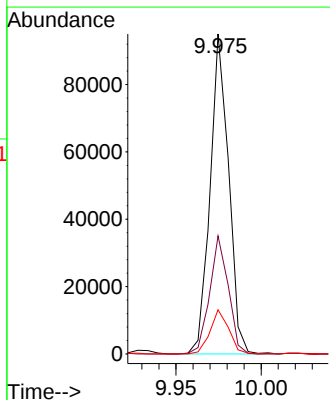
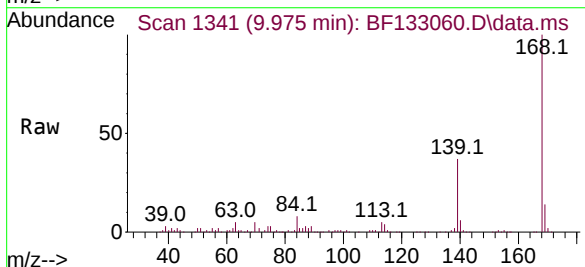
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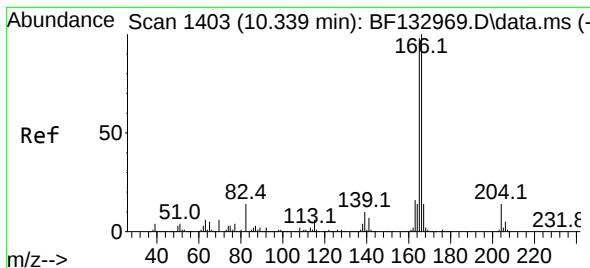
Tgt Ion:154 Resp: 102123
Ion Ratio Lower Upper
154 100
153 114.2 89.0 133.6
152 50.0 40.4 60.6



#55
Dibenzofuran
Concen: 2.129 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.012 min
Lab File: BF133060.D
Acq: 26 Apr 2023 12:08

Tgt Ion:168 Resp: 71837
Ion Ratio Lower Upper
168 100
139 36.9 29.8 44.8
169 13.8 10.8 16.2





#58

Fluorene

Concen: 2.800 ng

RT: 10.316 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF133060.D

Acq: 26 Apr 2023 12:08

Instrument :

BNA_F

ClientSampleId :

20230349-COMP-27

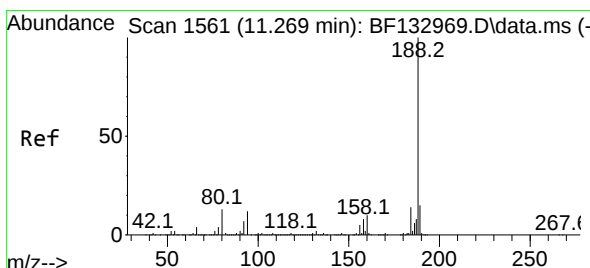
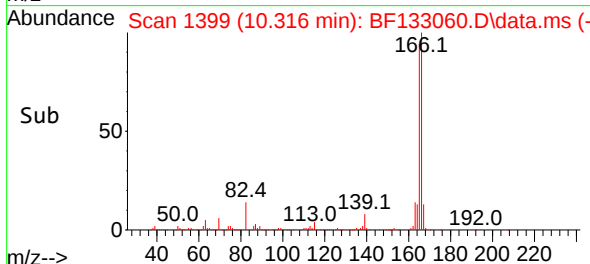
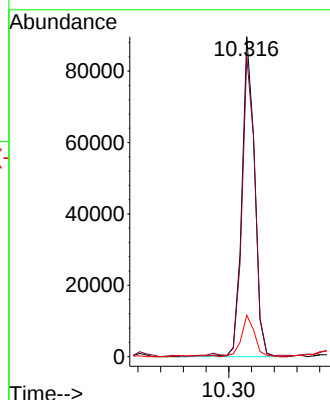
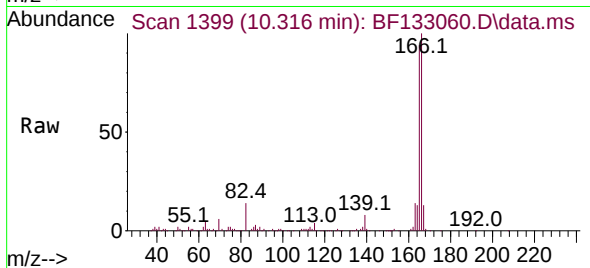
Tgt Ion:166 Resp: 69237

Ion Ratio Lower Upper

166 100

165 93.7 78.6 117.8

167 13.0 11.0 16.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1558

Delta R.T. -0.012 min

Lab File: BF133060.D

Acq: 26 Apr 2023 12:08

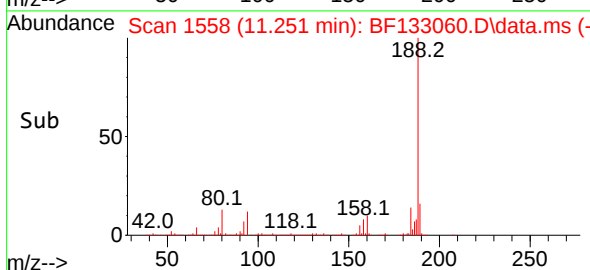
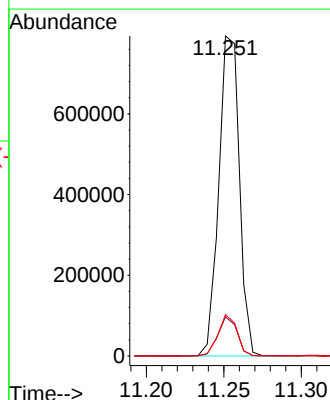
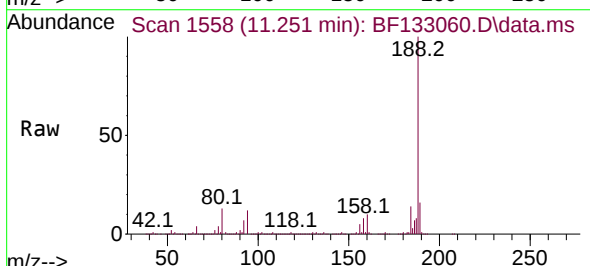
Tgt Ion:188 Resp: 733203

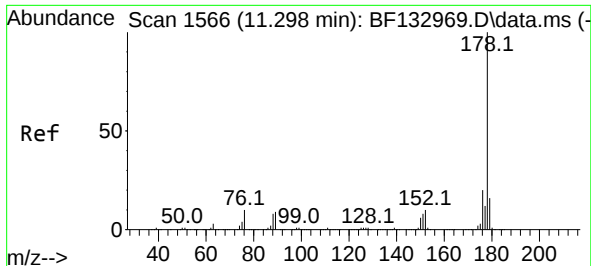
Ion Ratio Lower Upper

188 100

94 12.2 9.7 14.5

80 12.9 10.4 15.6

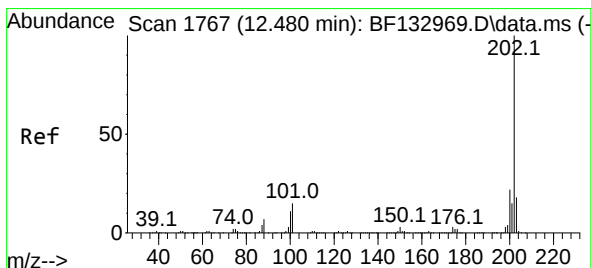
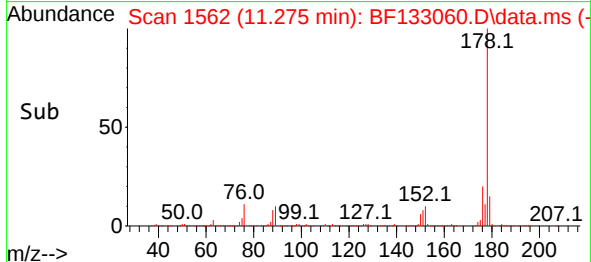
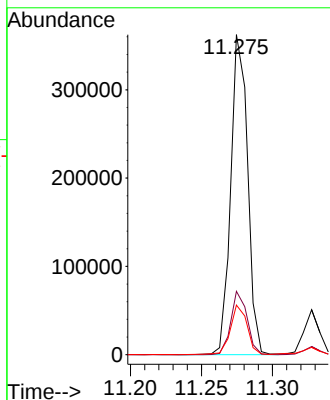
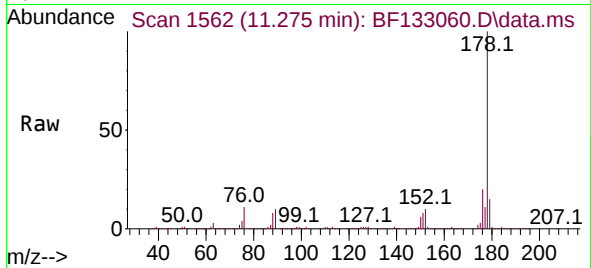




#71
Phenanthrene
Concen: 7.598 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133060.D
Acq: 26 Apr 2023 12:08

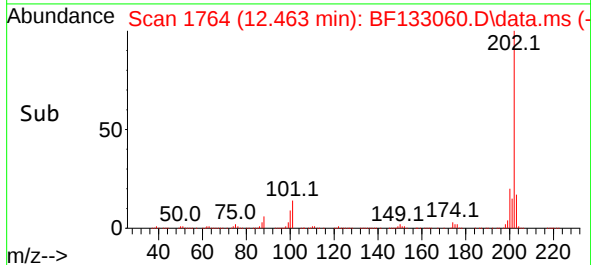
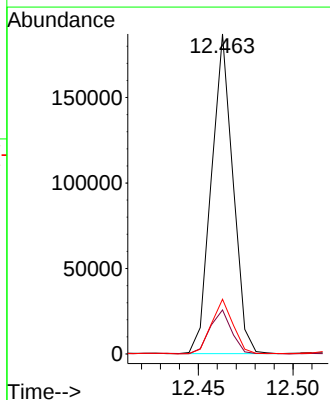
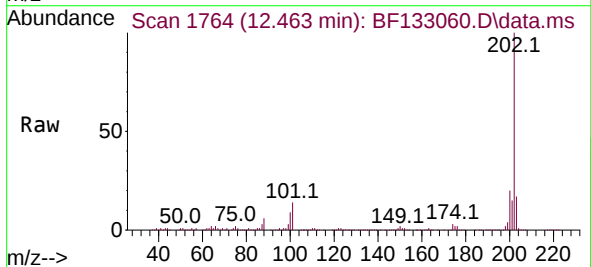
Instrument :
BNA_F
ClientSampleId :
20230349-COMP-27

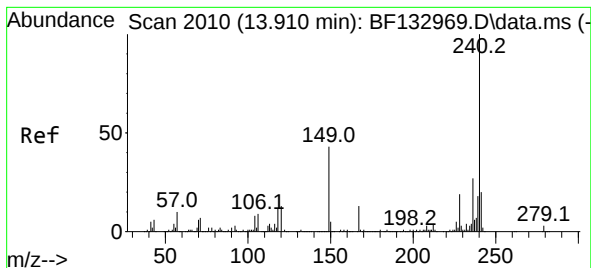
Tgt Ion:178 Resp: 299412
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.5 12.5 18.7



#75
Fluoranthene
Concen: 3.749 ng
RT: 12.463 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BF133060.D
Acq: 26 Apr 2023 12:08

Tgt Ion:202 Resp: 148279
Ion Ratio Lower Upper
202 100
101 13.7 0.0 35.3
203 17.1 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF133060.D

Acq: 26 Apr 2023 12:08

Instrument :

BNA_F

ClientSampleId :

20230349-COMP-27

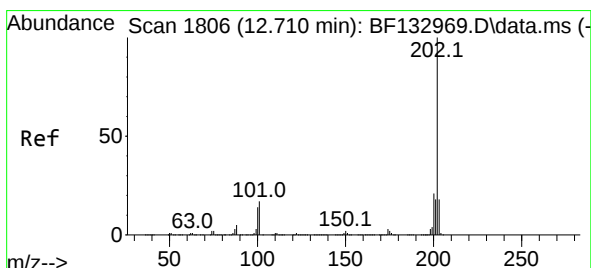
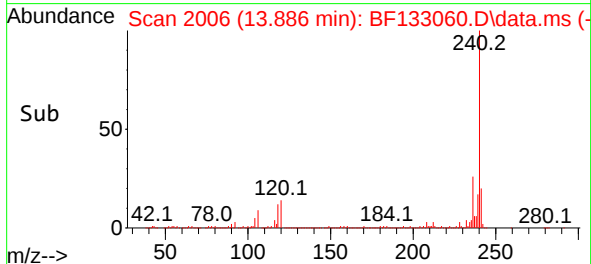
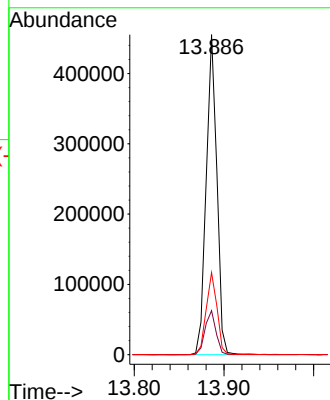
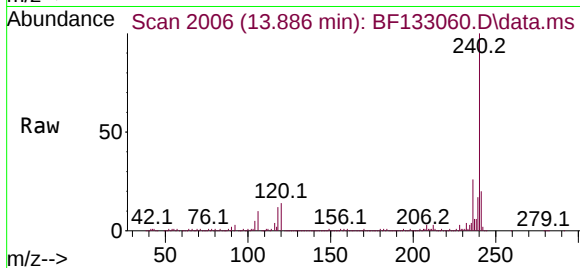
Tgt Ion:240 Resp: 375638

Ion Ratio Lower Upper

240 100

120 13.8 10.5 15.7

236 25.6 21.5 32.3



#78

Pyrene

Concen: 3.435 ng

RT: 12.692 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF133060.D

Acq: 26 Apr 2023 12:08

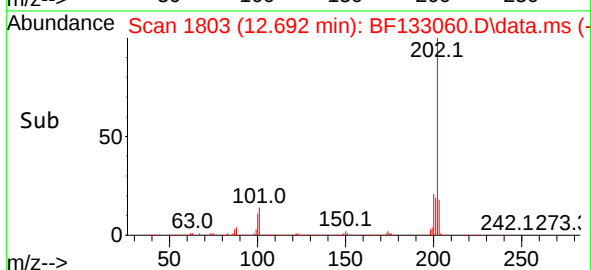
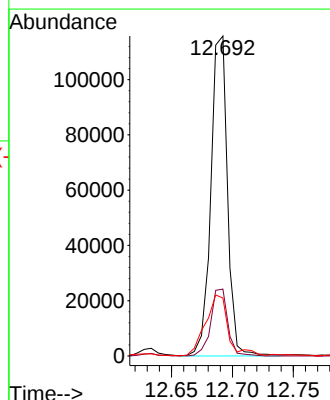
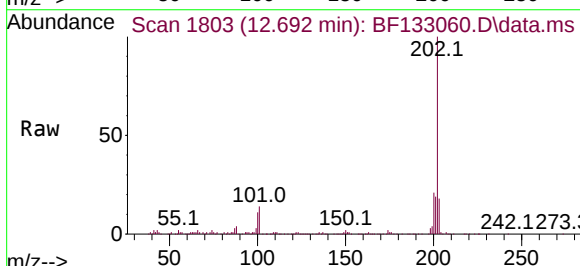
Tgt Ion:202 Resp: 110601

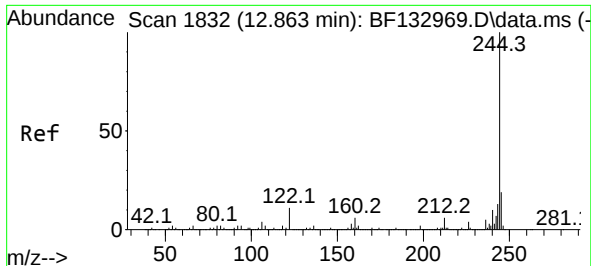
Ion Ratio Lower Upper

202 100

200 20.9 17.1 25.7

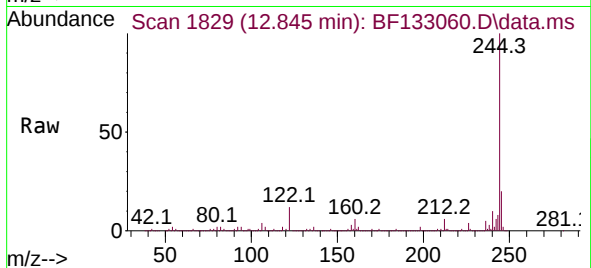
203 18.1 14.1 21.1



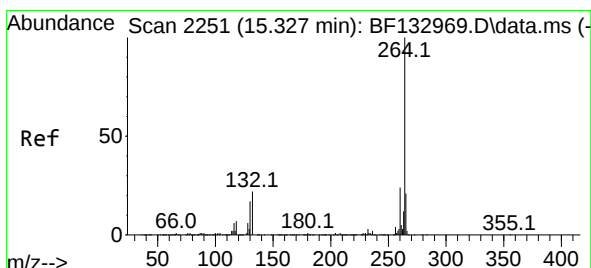
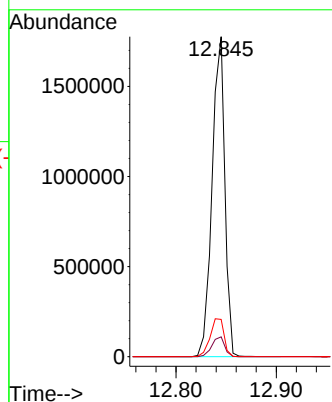
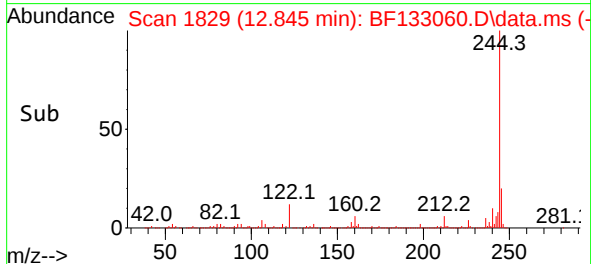


#79
 Terphenyl-d14
 Concen: 72.238 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.006 min
 Lab File: BF133060.D
 Acq: 26 Apr 2023 12:08

Instrument :
 BNA_F
 ClientSampleId :
 20230349-COMP-27



Tgt Ion:244 Resp: 1573363
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 11.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.310 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF133060.D
 Acq: 26 Apr 2023 12:08

Tgt Ion:264 Resp: 370489
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.6 17.0 25.4

