

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133079.D
 Acq On : 26 Apr 2023 22:34
 Operator : CG\JU
 Sample : 02427-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230351-COMP-29

Quant Time: Apr 27 02:03:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

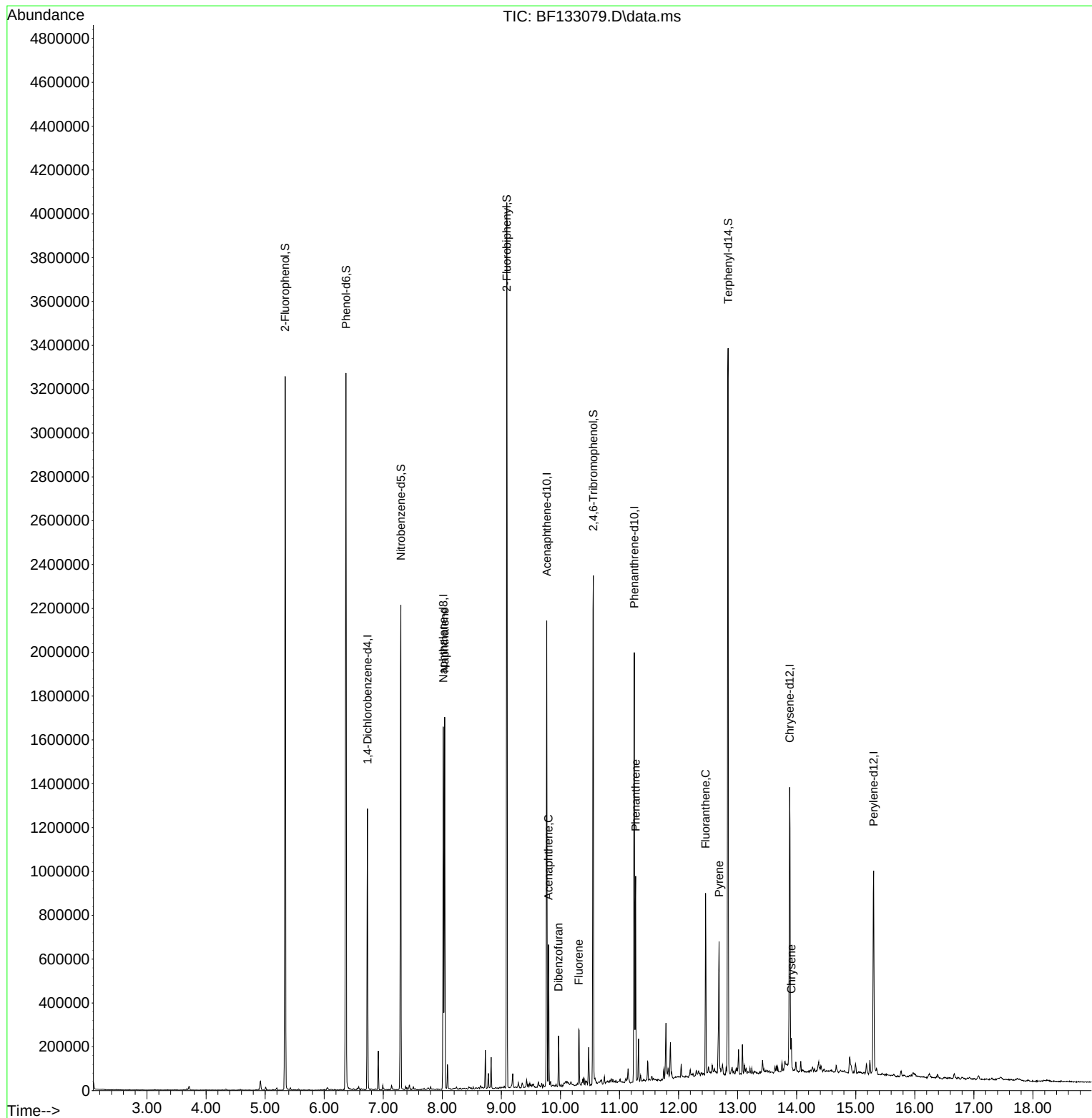
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	170466	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	686047	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	367270	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	669501	20.000	ng	0.00
76) Chrysene-d12	13.880	240	391270	20.000	ng	-0.01
86) Perylene-d12	15.304	264	378366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	929536	82.372	ng	0.00
7) Phenol-d6	6.369	99	1145131	81.757	ng	-0.01
23) Nitrobenzene-d5	7.298	82	649838	51.128	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	283457	76.743	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1120662	51.049	ng	0.00
79) Terphenyl-d14	12.839	244	1168706	51.515	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.039	128	599528	17.479	ng	100
52) Acenaphthene	9.798	154	126649	5.552	ng	98
55) Dibenzofuran	9.969	168	75736	2.434	ng	98
58) Fluorene	10.310	166	69238	3.037	ng	100
71) Phenanthrene	11.274	178	329355	9.153	ng	99
75) Fluoranthene	12.457	202	289848	8.026	ng	97
78) Pyrene	12.686	202	229654	6.847	ng	100
83) Chrysene	13.910	228	55659	2.069	ng	97

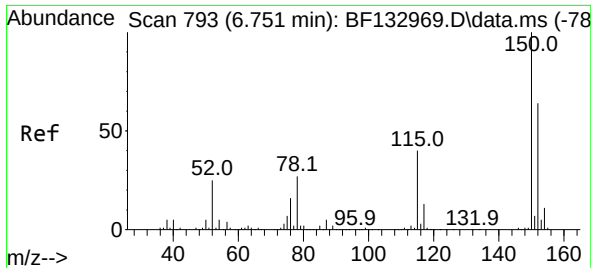
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
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ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Apr 27 02:03:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 01:56:03 2023
Response via : Initial Calibration

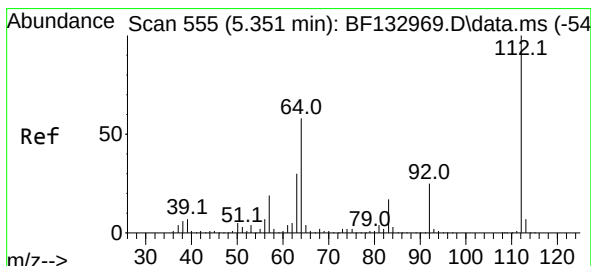
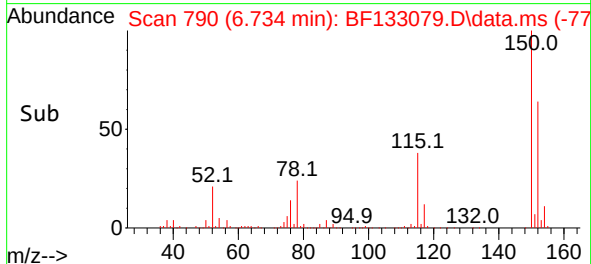
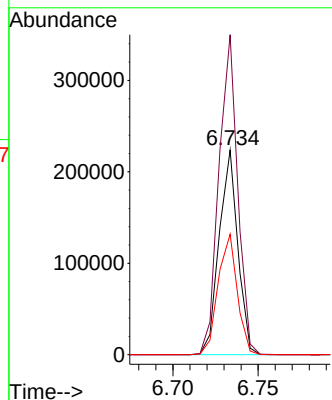
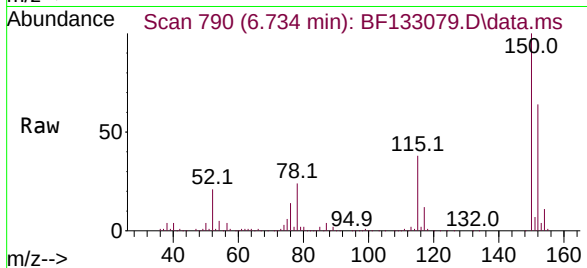




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133079.D
Acq: 26 Apr 2023 22:34

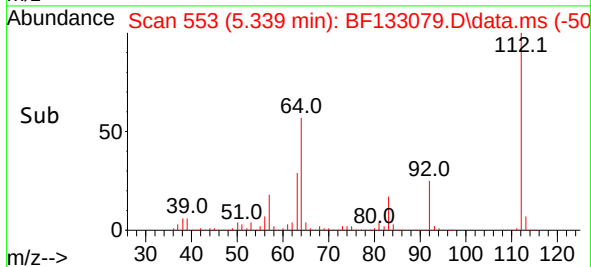
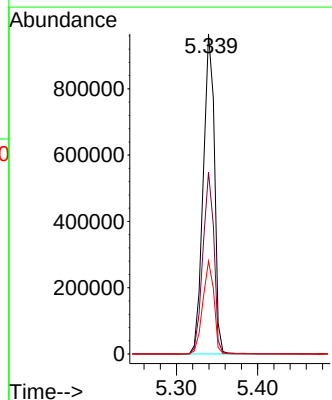
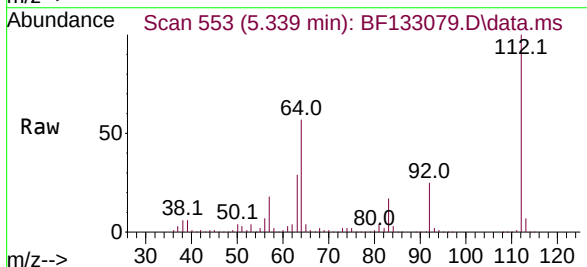
Instrument :
BNA_F
ClientSampleId :
20230351-COMP-29

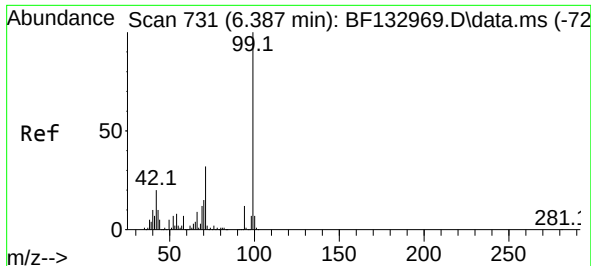
Tgt Ion:152 Resp: 170466
Ion Ratio Lower Upper
152 100
150 156.3 124.8 187.2
115 58.9 49.9 74.9



#5
2-Fluorophenol
Concen: 82.372 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133079.D
Acq: 26 Apr 2023 22:34

Tgt Ion:112 Resp: 929536
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 29.1 23.8 35.8





#7

Phenol-d6

Concen: 81.757 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF133079.D

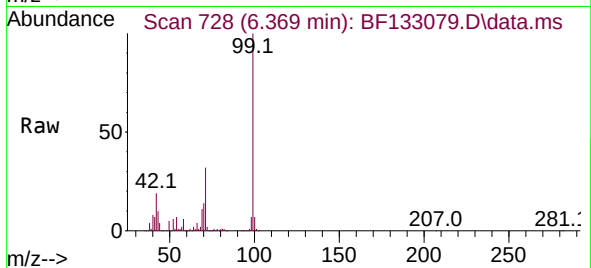
Acq: 26 Apr 2023 22:34

Instrument :

BNA_F

ClientSampleId :

20230351-COMP-29



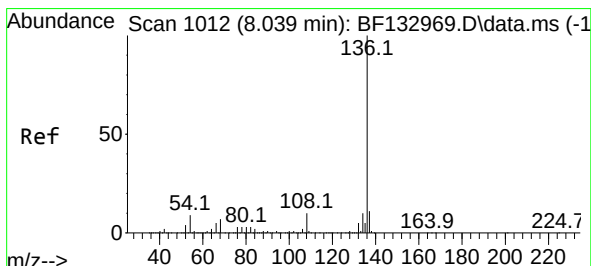
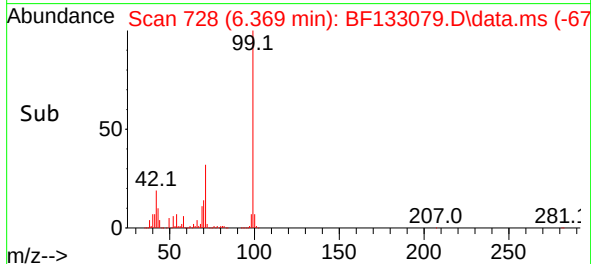
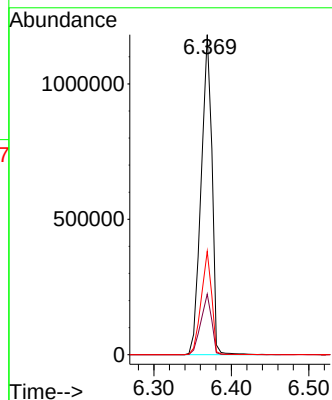
Tgt Ion: 99 Resp: 1145131

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

71 32.3 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF133079.D

Acq: 26 Apr 2023 22:34

Tgt Ion: 136 Resp: 686047

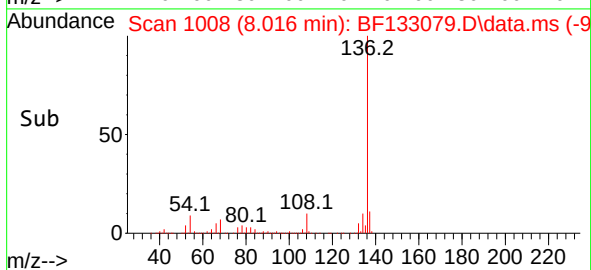
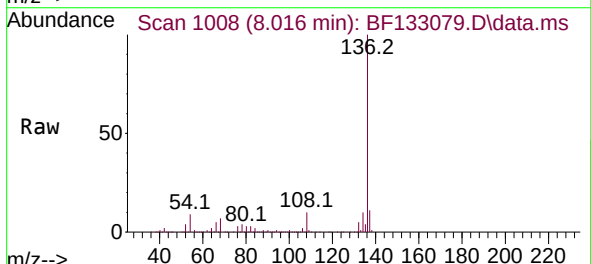
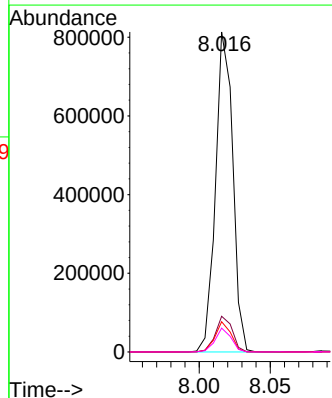
Ion Ratio Lower Upper

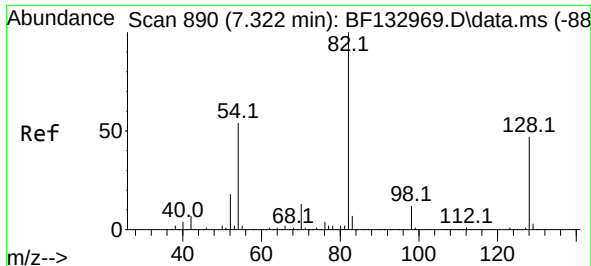
136 100

137 11.1 8.6 13.0

54 9.5 7.0 10.4

68 7.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 51.128 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133079.D

Acq: 26 Apr 2023 22:34

Instrument :

BNA_F

ClientSampleId :

20230351-COMP-29

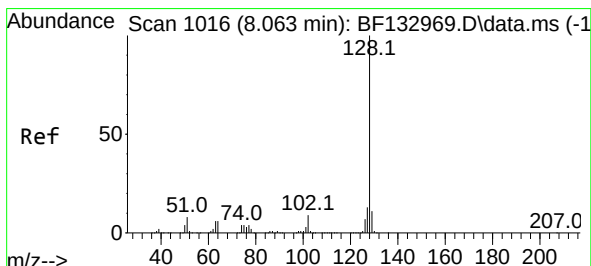
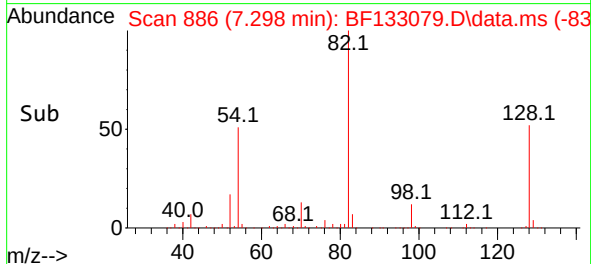
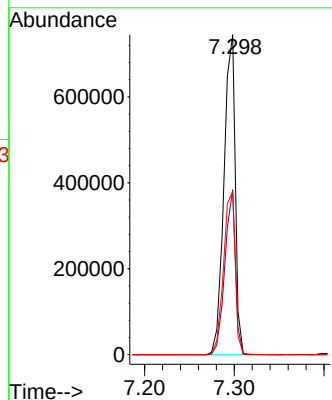
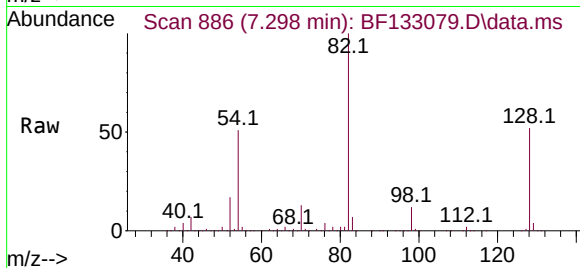
Tgt Ion: 82 Resp: 649838

Ion Ratio Lower Upper

82 100

128 51.5 37.7 56.5

54 50.9 43.0 64.4



#31

Naphthalene

Concen: 17.479 ng

RT: 8.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF133079.D

Acq: 26 Apr 2023 22:34

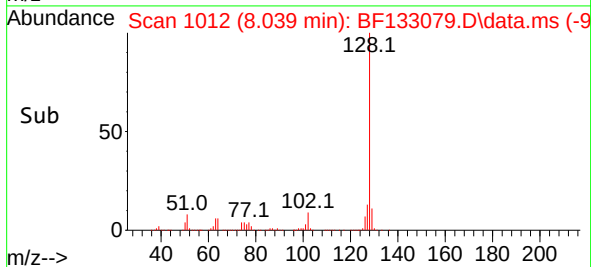
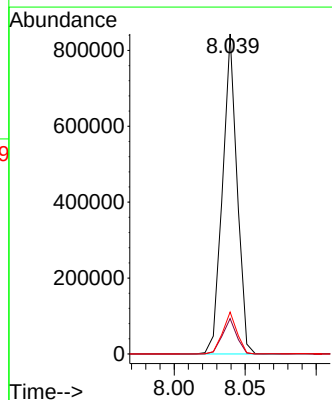
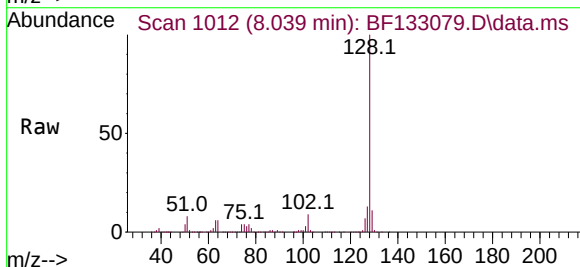
Tgt Ion: 128 Resp: 599528

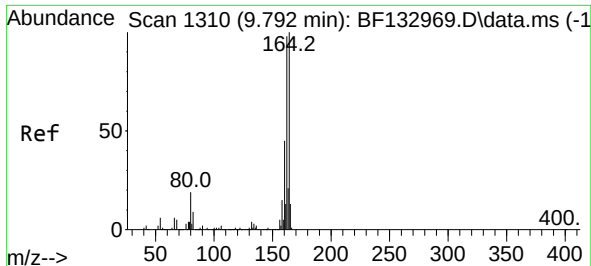
Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.1 10.7 16.1

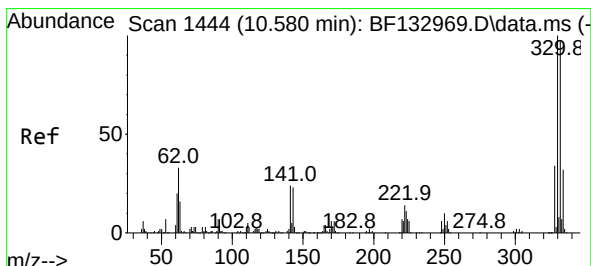
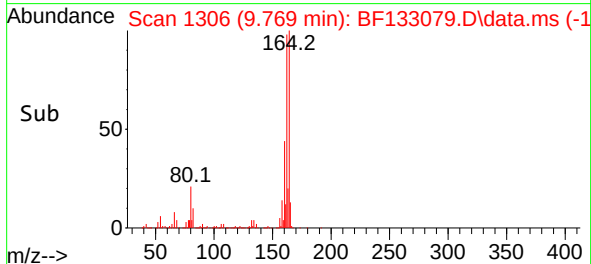
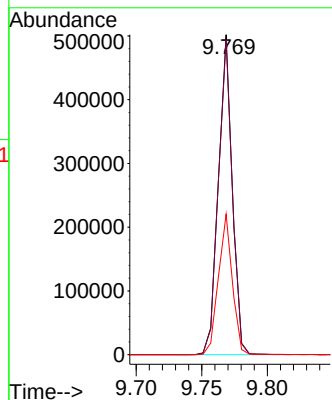
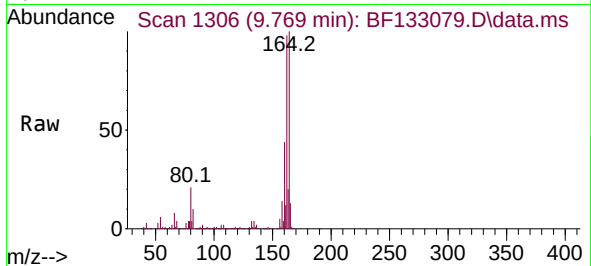




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133079.D
Acq: 26 Apr 2023 22:34

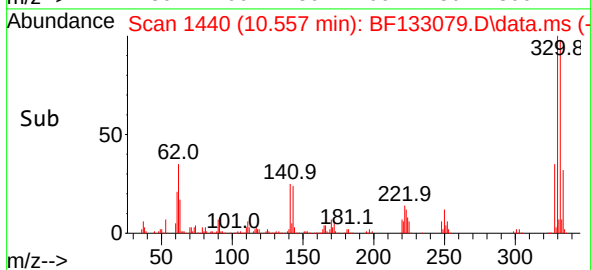
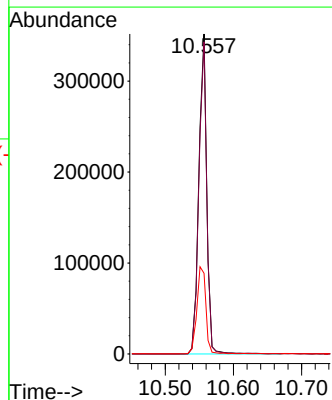
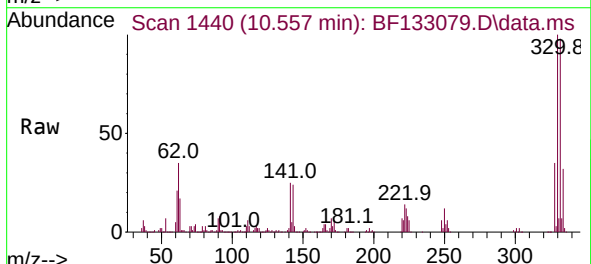
Instrument :
BNA_F
ClientSampleId :
20230351-COMP-29

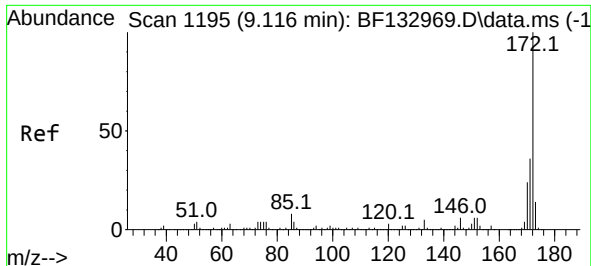
Tgt Ion:164 Resp: 367270
Ion Ratio Lower Upper
164 100
162 98.5 78.7 118.1
160 43.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 76.743 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133079.D
Acq: 26 Apr 2023 22:34

Tgt Ion:330 Resp: 283457
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 30.9 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 51.049 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133079.D

Acq: 26 Apr 2023 22:34

Instrument :

BNA_F

ClientSampleId :

20230351-COMP-29

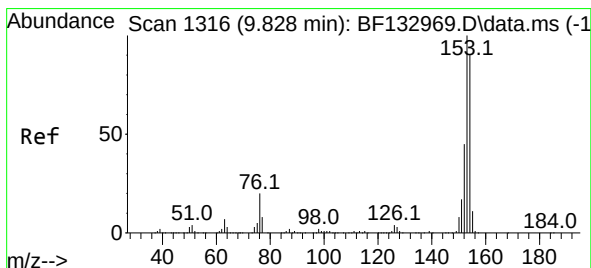
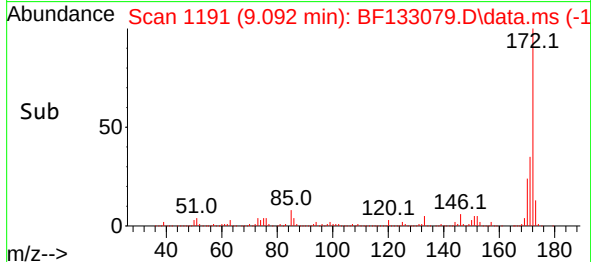
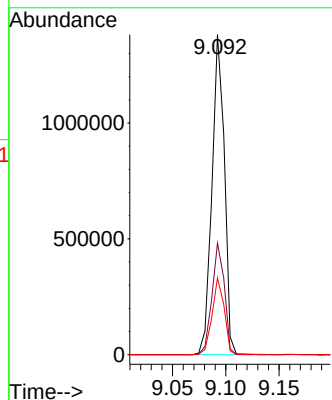
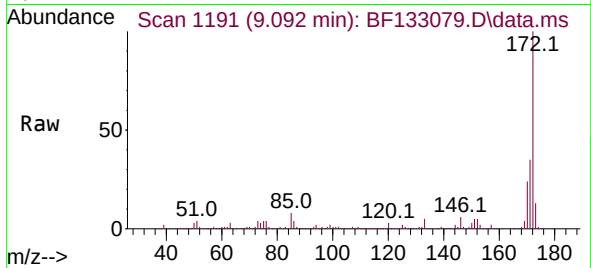
Tgt Ion:172 Resp: 1120662

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 24.0 19.4 29.2



#52

Acenaphthene

Concen: 5.552 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF133079.D

Acq: 26 Apr 2023 22:34

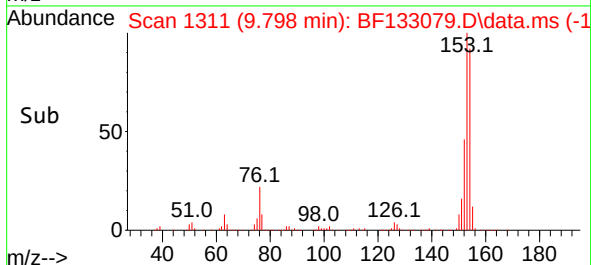
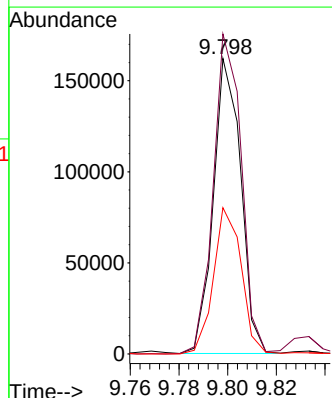
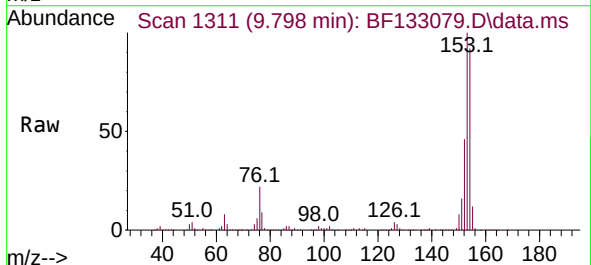
Tgt Ion:154 Resp: 126649

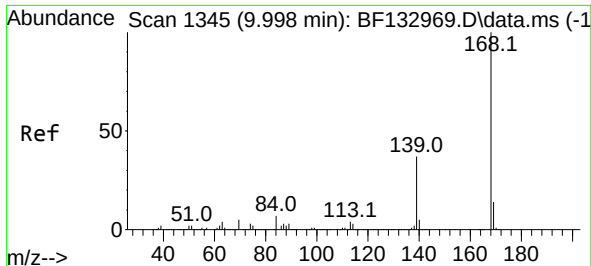
Ion Ratio Lower Upper

154 100

153 108.3 89.0 133.6

152 49.5 40.4 60.6

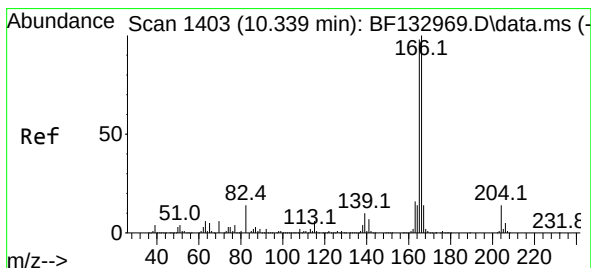
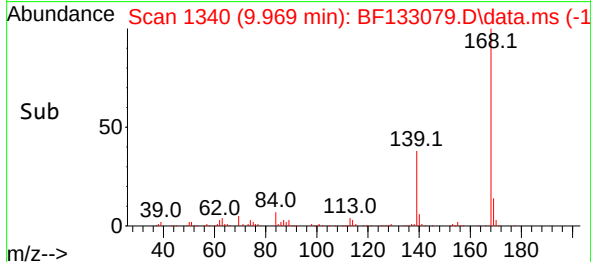
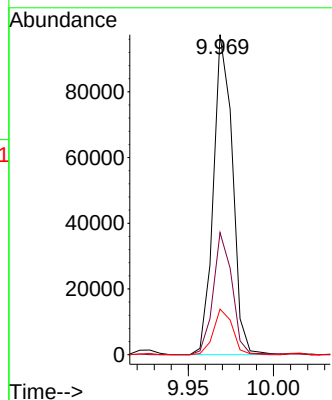
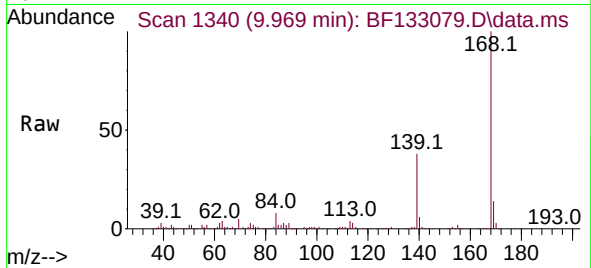




#55
Dibenzenofuran
Concen: 2.434 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133079.D
Acq: 26 Apr 2023 22:34

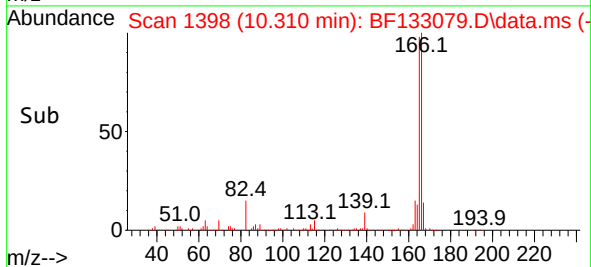
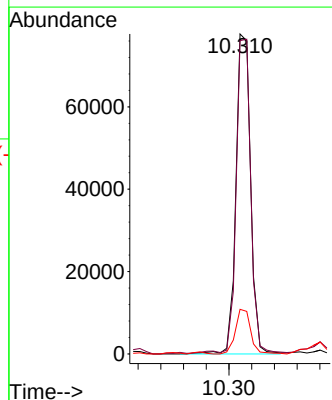
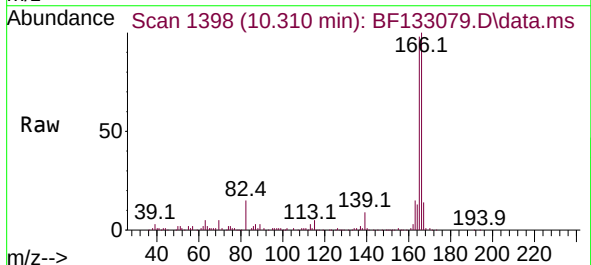
Instrument :
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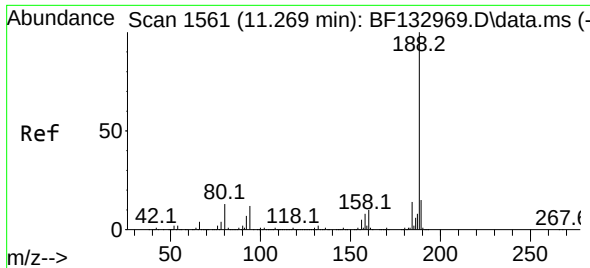
Tgt Ion:168 Resp: 75736
Ion Ratio Lower Upper
168 100
139 38.2 29.8 44.8
169 14.2 10.8 16.2



#58
Fluorene
Concen: 3.037 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF133079.D
Acq: 26 Apr 2023 22:34

Tgt Ion:166 Resp: 69238
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.9 11.0 16.4

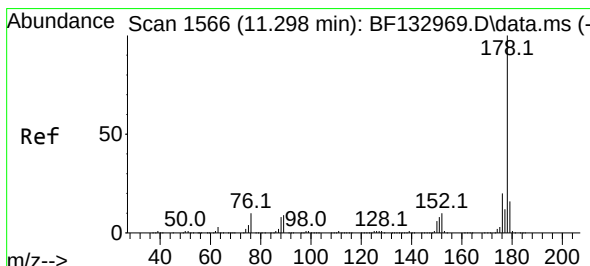
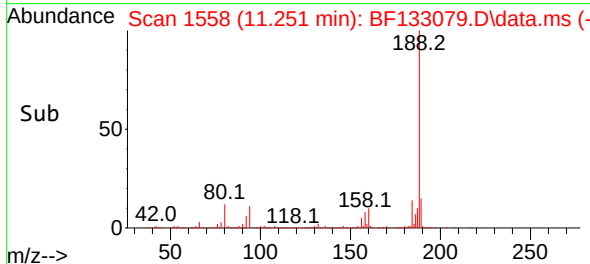
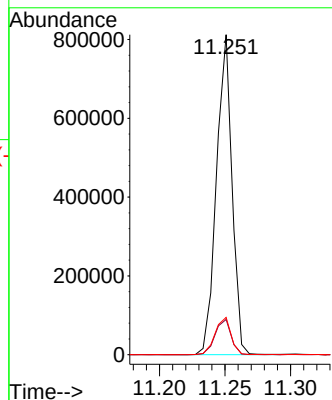
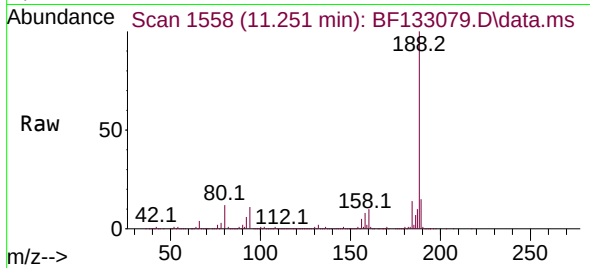




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF133079.D
Acq: 26 Apr 2023 22:34

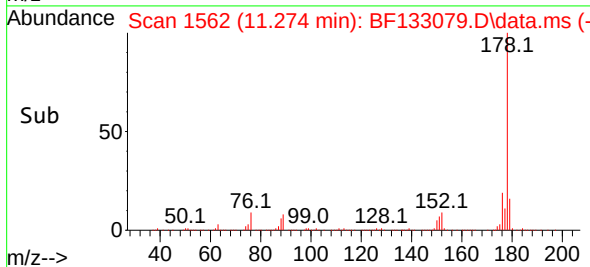
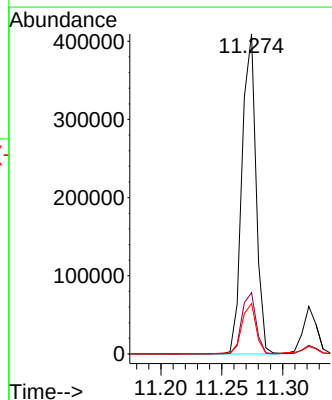
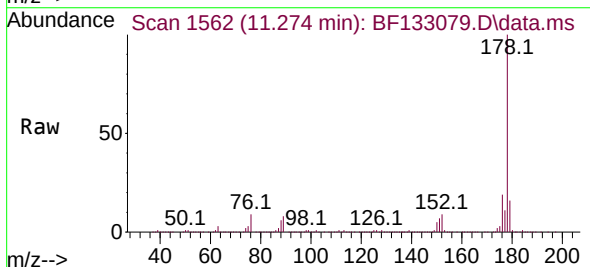
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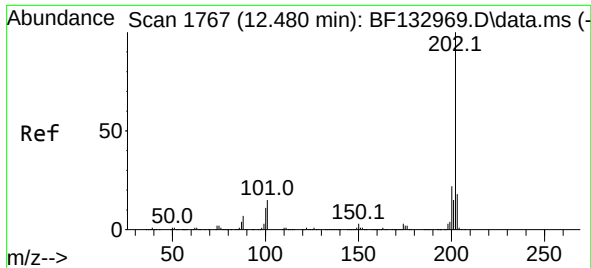
Tgt Ion:188 Resp: 669501
Ion Ratio Lower Upper
188 100
94 11.0 9.7 14.5
80 11.7 10.4 15.6



#71
Phenanthrene
Concen: 9.153 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF133079.D
Acq: 26 Apr 2023 22:34

Tgt Ion:178 Resp: 329355
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.7 12.5 18.7

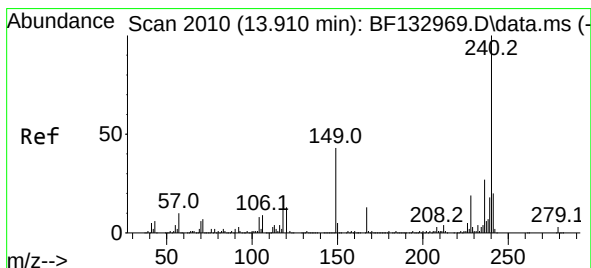
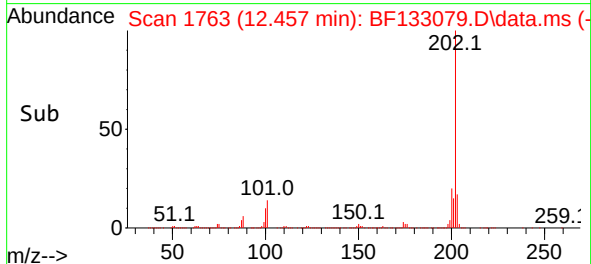
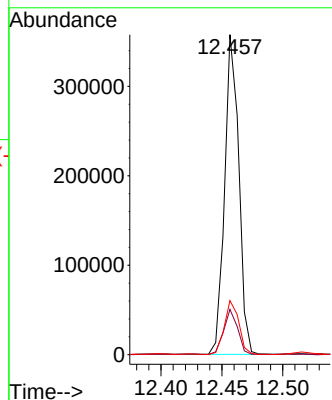
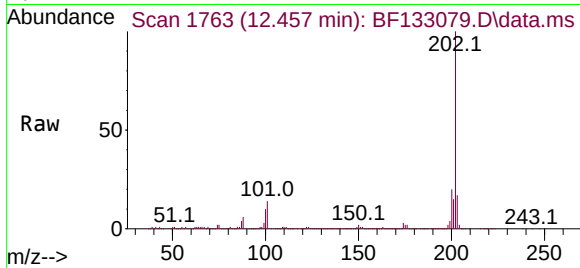




#75
Fluoranthene
Concen: 8.026 ng
RT: 12.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133079.D
Acq: 26 Apr 2023 22:34

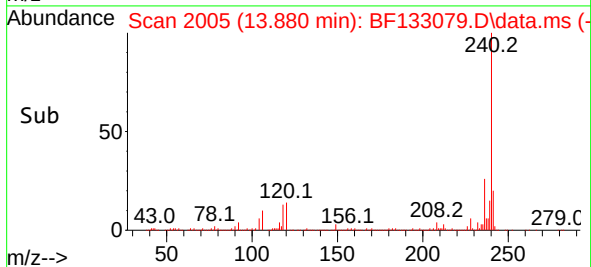
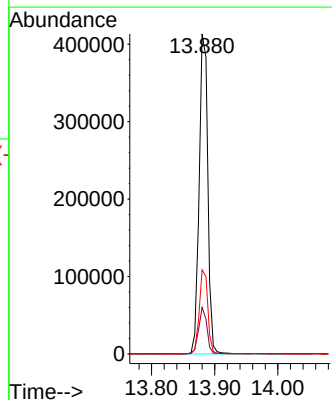
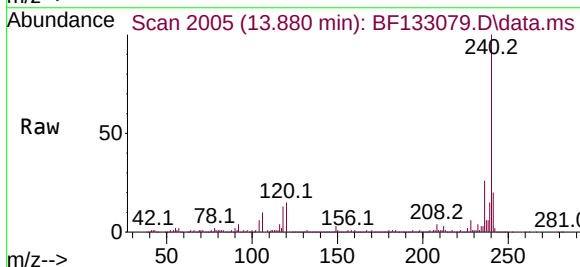
Instrument :
BNA_F
ClientSampleId :
20230351-COMP-29

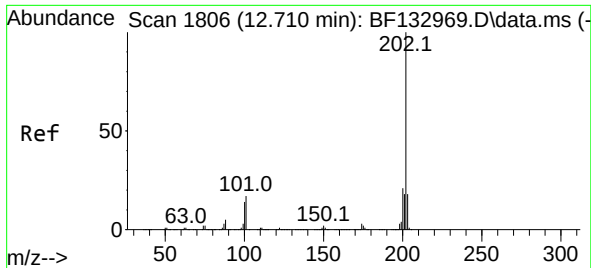
Tgt Ion:202 Resp: 289848
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.3
203 16.9 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133079.D
Acq: 26 Apr 2023 22:34

Tgt Ion:240 Resp: 391270
Ion Ratio Lower Upper
240 100
120 14.5 10.5 15.7
236 26.3 21.5 32.3

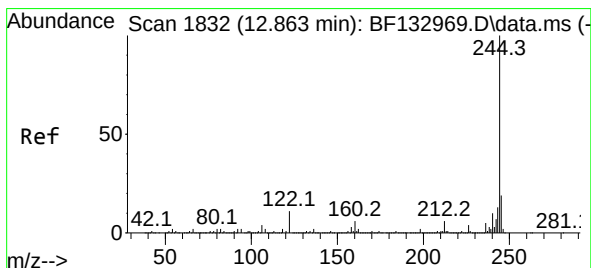
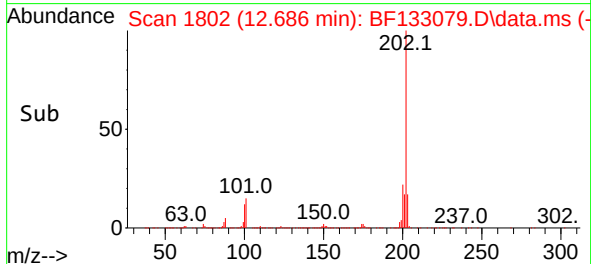
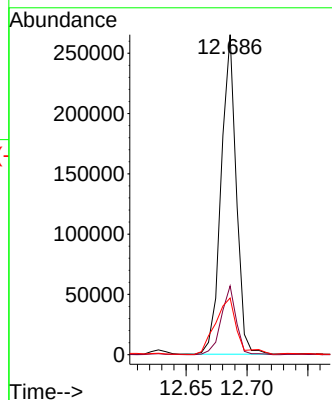
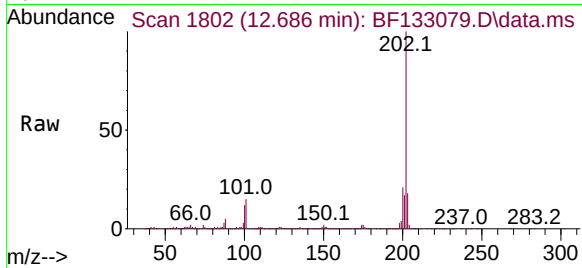




#78
 Pyrene
 Concen: 6.847 ng
 RT: 12.686 min Scan# 1802
 Delta R.T. -0.006 min
 Lab File: BF133079.D
 Acq: 26 Apr 2023 22:34

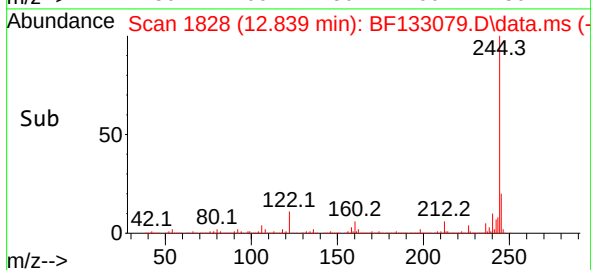
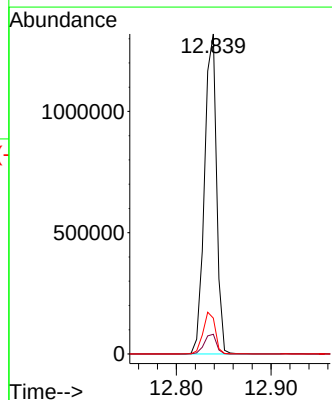
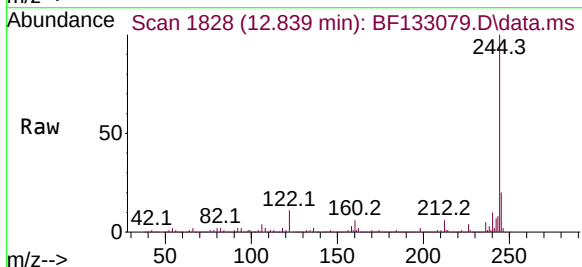
Instrument :
 BNA_F
 ClientSampleId :
 20230351-COMP-29

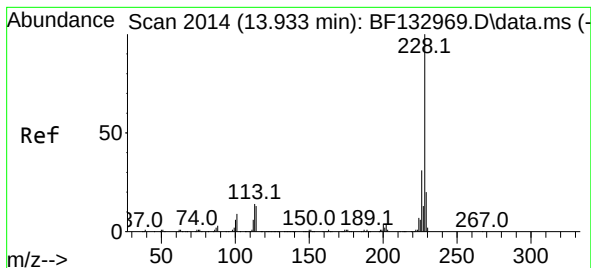
Tgt Ion:202 Resp: 229654
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.1 25.7
 203 17.7 14.1 21.1



#79
 Terphenyl-d14
 Concen: 51.515 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133079.D
 Acq: 26 Apr 2023 22:34

Tgt Ion:244 Resp: 1168706
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 11.2 8.6 13.0





#83

Chrysene

Concen: 2.069 ng

RT: 13.910 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133079.D

Acq: 26 Apr 2023 22:34

Instrument :

BNA_F

ClientSampleId :

20230351-COMP-29

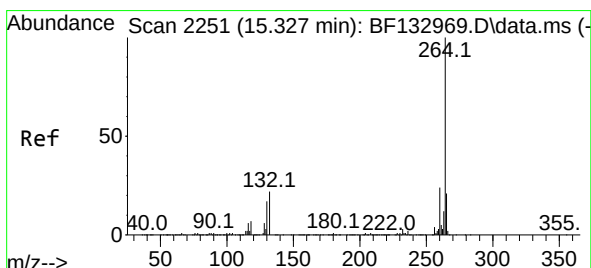
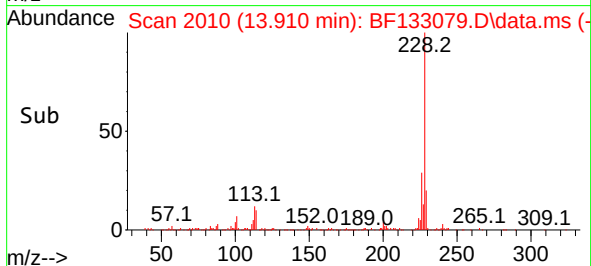
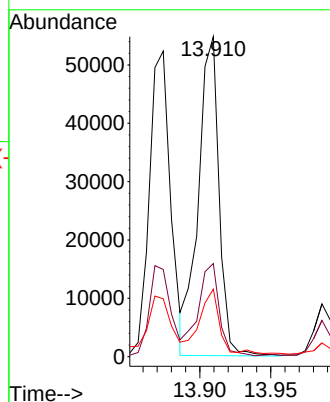
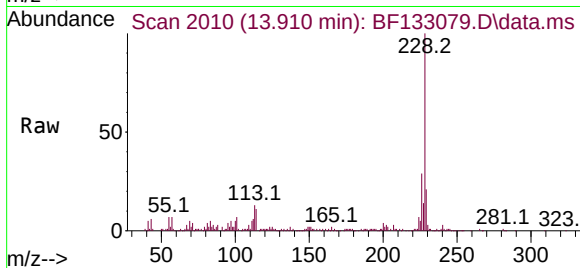
Tgt Ion:228 Resp: 55659

Ion Ratio Lower Upper

228 100

226 29.1 24.7 37.1

229 21.1 16.1 24.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF133079.D

Acq: 26 Apr 2023 22:34

Tgt Ion:264 Resp: 378366

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 20.9 17.0 25.4

