

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130310.D
 Acq On : 17 Sep 2022 01:39
 Operator : CG\JU
 Sample : N4664-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-091522

Quant Time: Sep 17 03:33:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

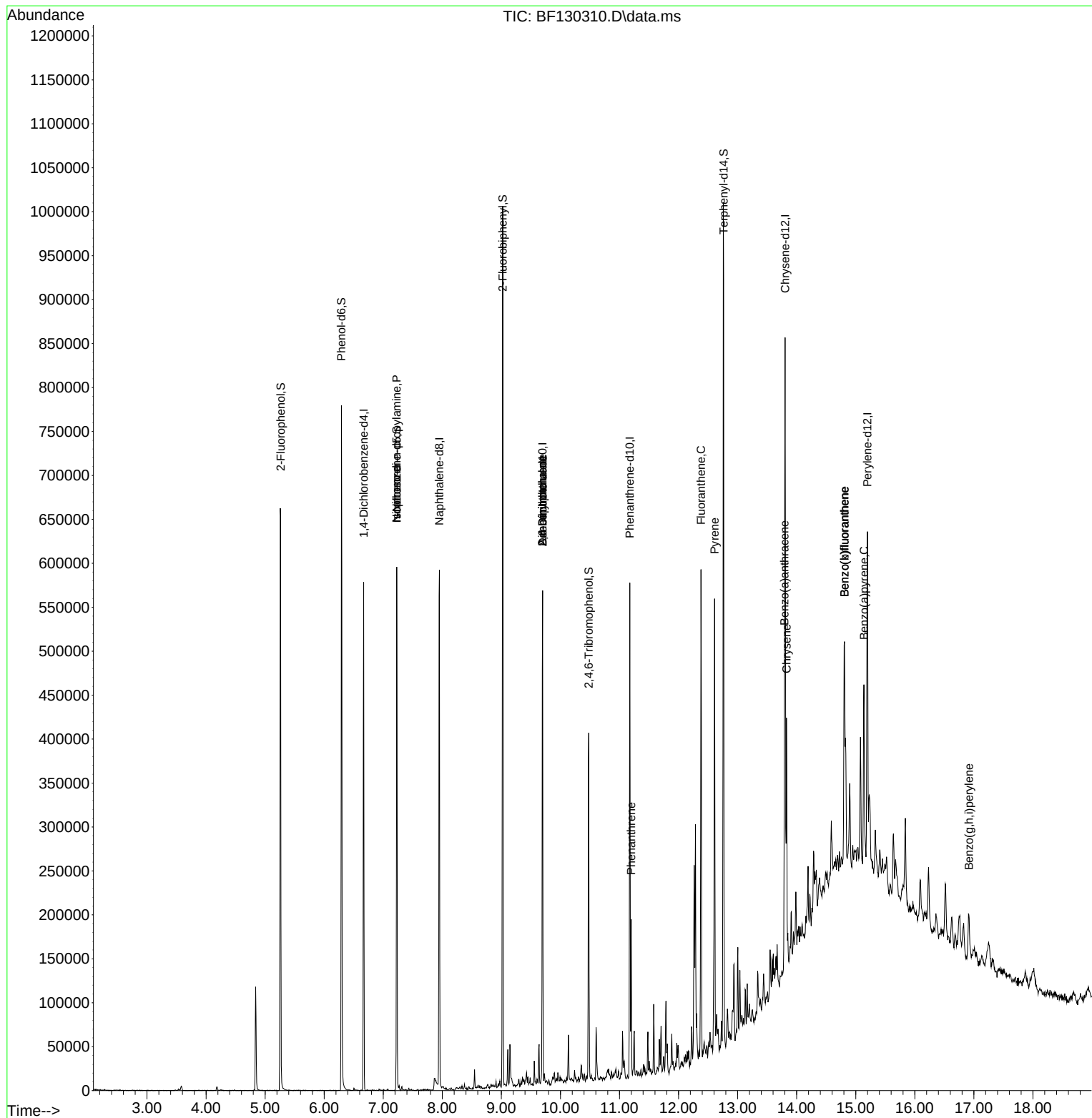
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	75641	20.000	ng	0.00
21) Naphthalene-d8	7.951	136	253093	20.000	ng	# 0.00
39) Acenaphthene-d10	9.698	164	105970	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	174262	20.000	ng	0.00
76) Chrysene-d12	13.804	240	189327	20.000	ng	0.00
86) Perylene-d12	15.198	264	154144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	185154	42.456	ng	0.00
7) Phenol-d6	6.292	99	237073	43.446	ng	-0.01
23) Nitrobenzene-d5	7.228	82	163970	33.098	ng	-0.01
42) 2,4,6-Tribromophenol	10.480	330	42391	41.748	ng	-0.01
45) 2-Fluorobiphenyl	9.022	172	260131	35.746	ng	-0.01
79) Terphenyl-d14	12.762	244	304288	26.623	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.228	70	21758	5.909	ng	# 76
25) Isophorone	7.228	82	162623	20.367	ng	# 66
50) Dimethylphthalate	9.698	163	20090	2.745	ng	# 1
51) 2,6-Dinitrotoluene	9.698	165	14000	9.145	ng	# 15
57) 2,4-Dinitrotoluene	9.698	165	14000	7.156	ng	# 15
71) Phenanthrene	11.198	178	53889	5.508	ng	98
75) Fluoranthene	12.380	202	191623	20.269	ng	98
78) Pyrene	12.610	202	187954	11.348	ng	99
81) Benzo(a)anthracene	13.792	228	110403	8.766	ng	97
83) Chrysene	13.827	228	105074	8.786	ng	98
88) Benzo(b)fluoranthene	14.809	252	174395	17.334	ng	98
89) Benzo(k)fluoranthene	14.809	252	174395	17.621	ng	98
90) Benzo(a)pyrene	15.139	252	88519	11.106	ng	99
92) Benzo(g,h,i)perylene	16.915	276	41101	4.550	ng	96

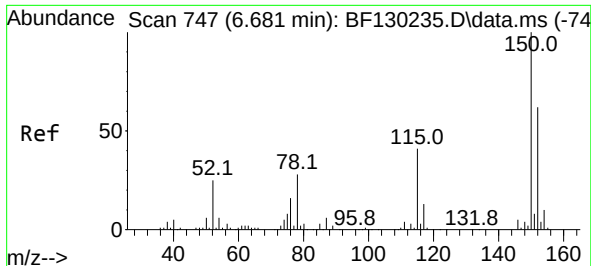
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130310.D
Acq On : 17 Sep 2022 01:39
Operator : CG\JU
Sample : N4664-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-091522

Quant Time: Sep 17 03:33:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 17 03:22:32 2022
Response via : Initial Calibration

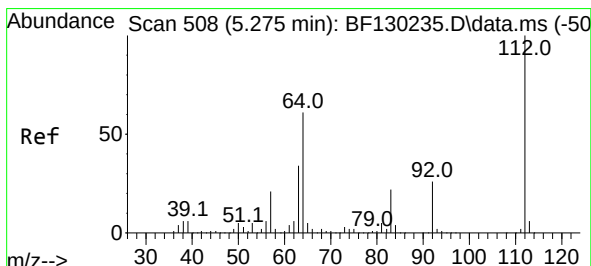
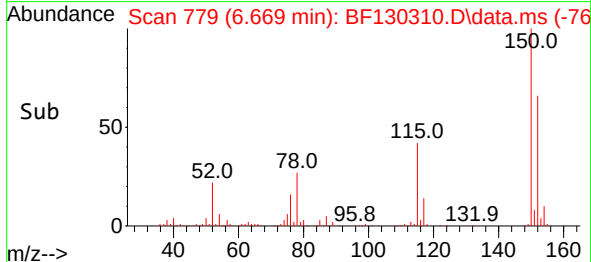
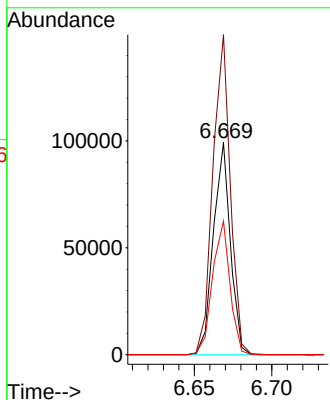
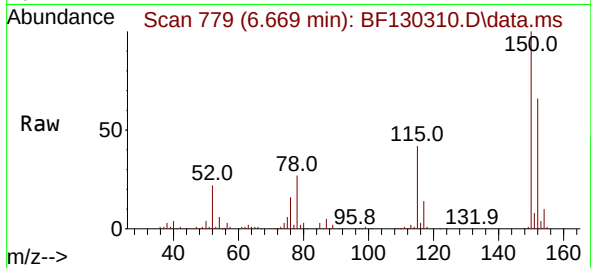




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

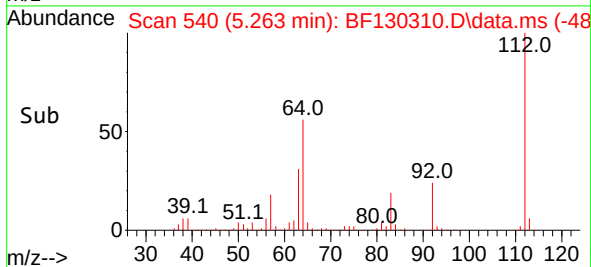
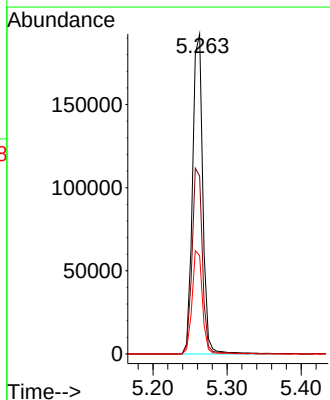
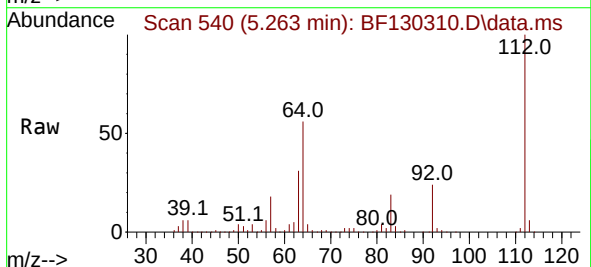
Instrument :
BNA_F
ClientSampleId :
HR-02-091522

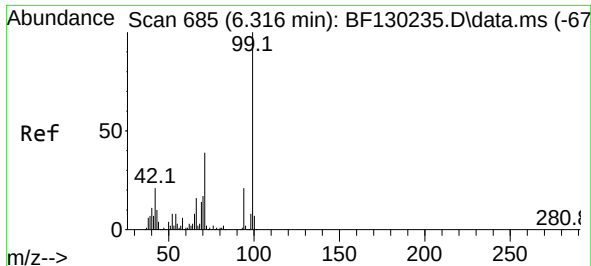
Tgt Ion:152 Resp: 75641
Ion Ratio Lower Upper
152 100
150 150.8 122.8 184.2
115 63.0 53.8 80.8



#5
2-Fluorophenol
Concen: 42.456 ng
RT: 5.263 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

Tgt Ion:112 Resp: 185154
Ion Ratio Lower Upper
112 100
64 55.6 51.4 77.0
63 30.7 28.8 43.2

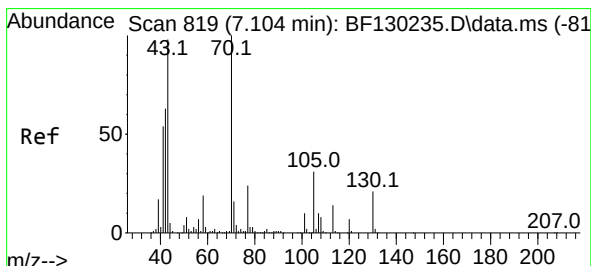
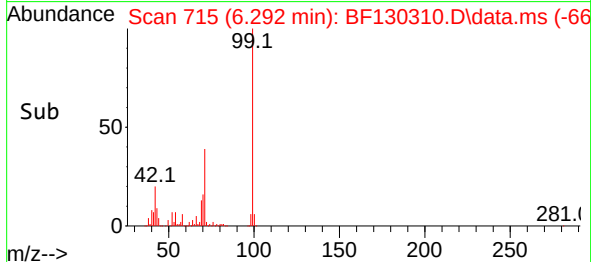
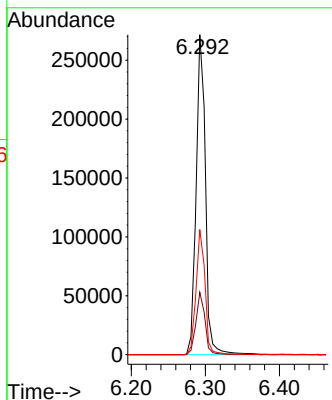
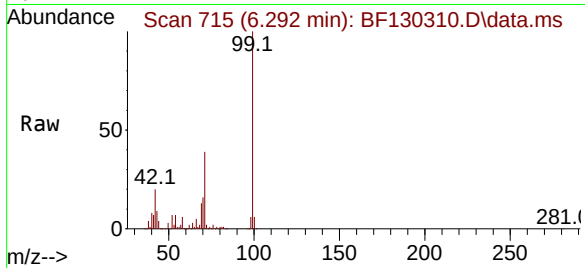




#7
Phenol-d6
Concen: 43.446 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

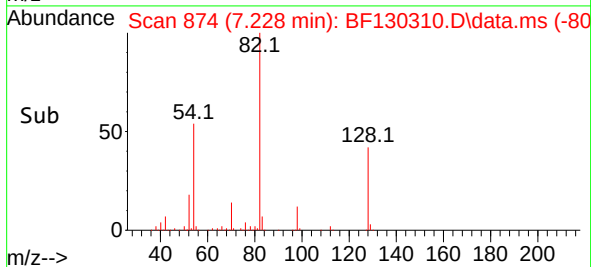
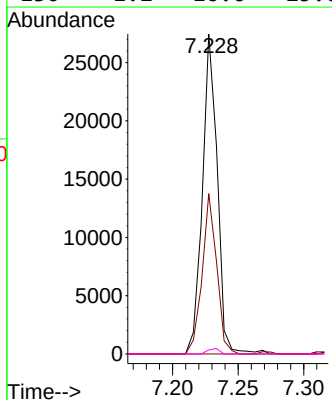
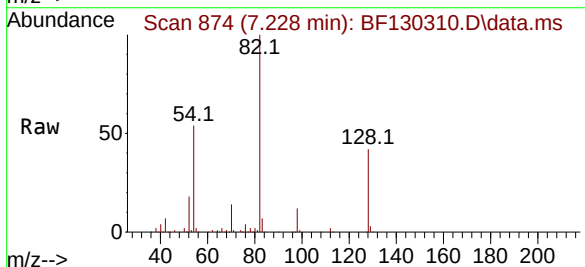
Instrument :
BNA_F
ClientSampleId :
HR-02-091522

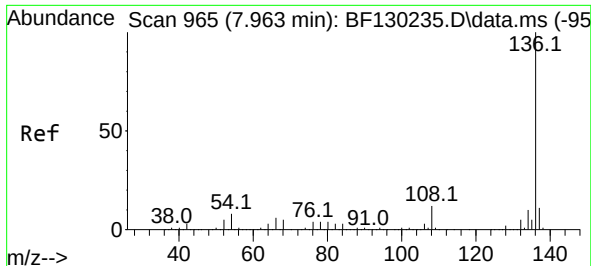
Tgt Ion: 99 Resp: 237073
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 39.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 5.909 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.129 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

Tgt Ion: 70 Resp: 21758
Ion Ratio Lower Upper
70 100
42 50.1 50.8 76.2#
101 0.0 8.2 12.4#
130 1.2 16.6 25.0#

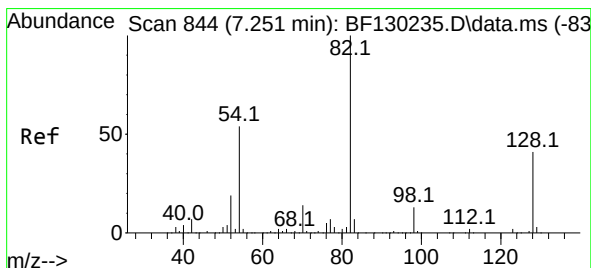
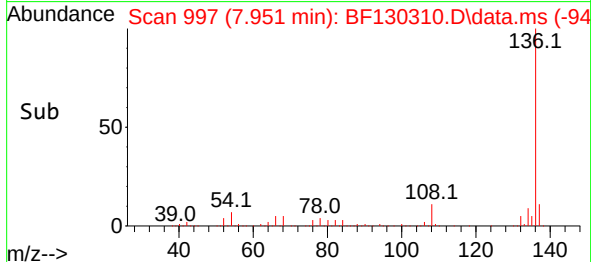
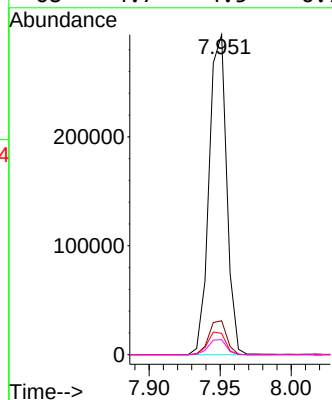
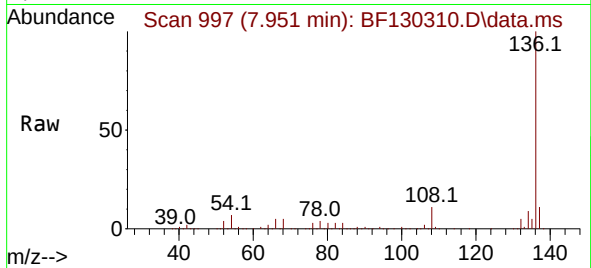




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

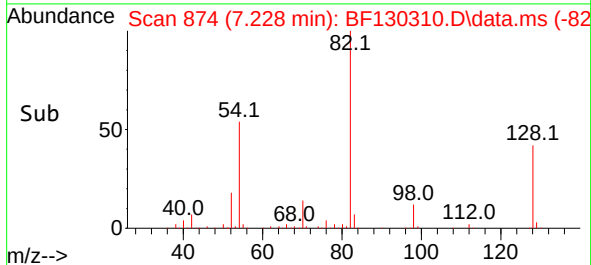
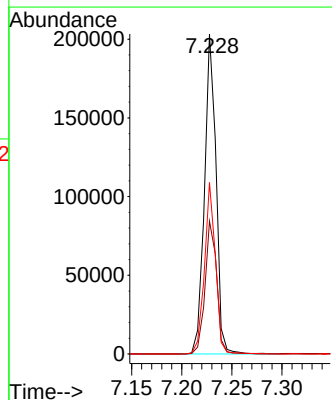
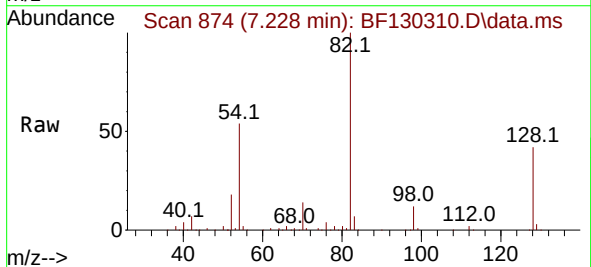
Instrument :
BNA_F
ClientSampleId :
HR-02-091522

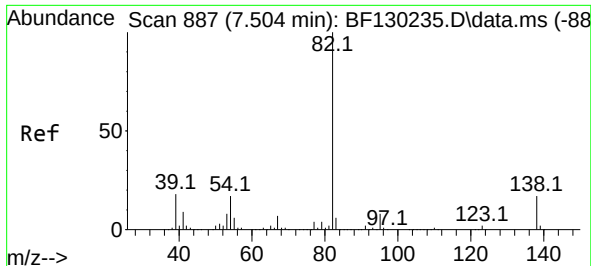
Tgt Ion:136 Resp: 253093
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.6 7.1 10.7#
68 4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 33.098 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.012 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

Tgt Ion: 82 Resp: 163970
Ion Ratio Lower Upper
82 100
128 41.5 32.6 49.0
54 53.5 43.8 65.6

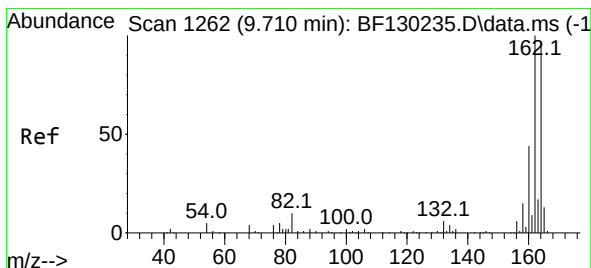
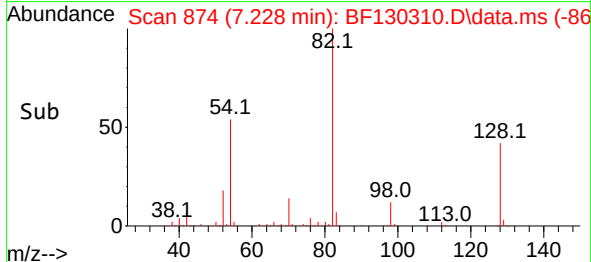
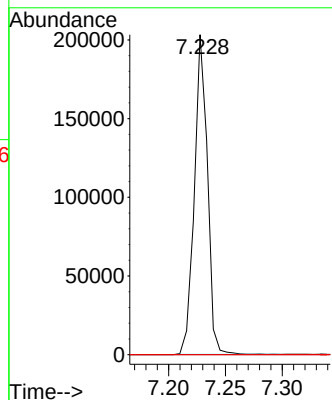
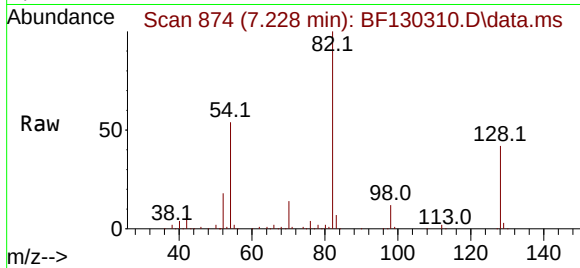




#25
Isophorone
Concen: 20.367 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

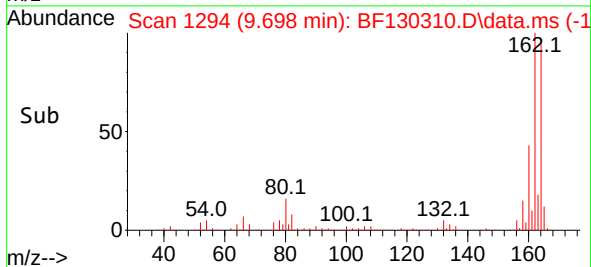
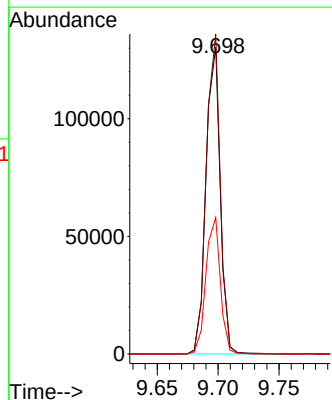
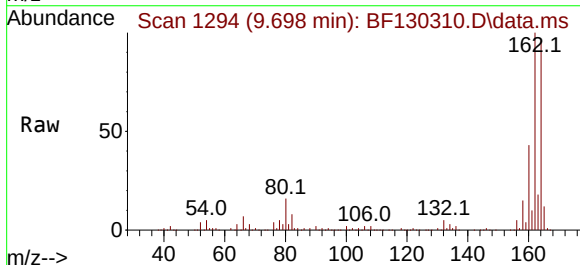
Instrument :
BNA_F
ClientSampleId :
HR-02-091522

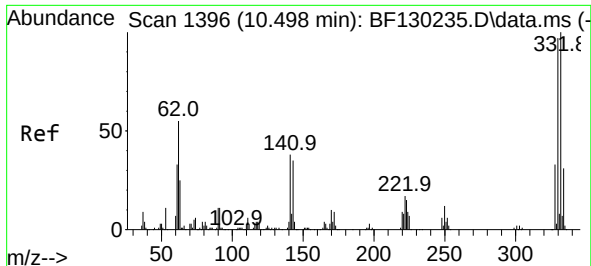
Tgt Ion: 82 Resp: 162623
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

Tgt Ion: 164 Resp: 105970
Ion Ratio Lower Upper
164 100
162 104.3 81.4 122.0
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 41.748 ng

RT: 10.480 min Scan# 1427

Delta R.T. -0.012 min

Lab File: BF130310.D

Acq: 17 Sep 2022 01:39

Instrument :

BNA_F

ClientSampleId :

HR-02-091522

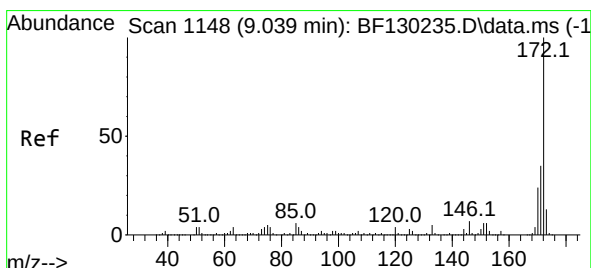
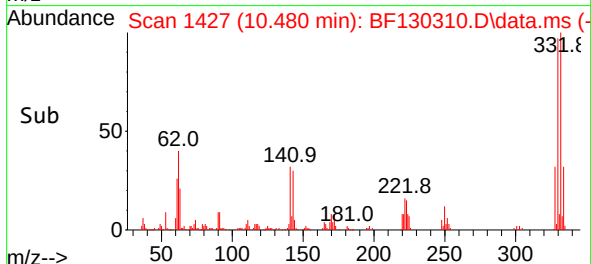
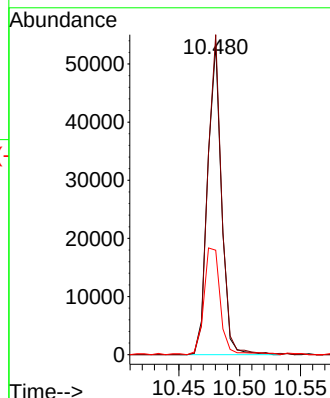
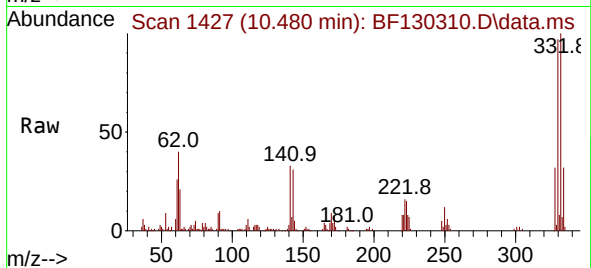
Tgt Ion:330 Resp: 42391

Ion Ratio Lower Upper

330 100

332 101.9 83.4 125.2

141 41.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 35.746 ng

RT: 9.022 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF130310.D

Acq: 17 Sep 2022 01:39

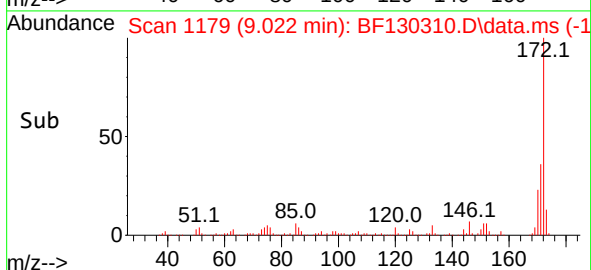
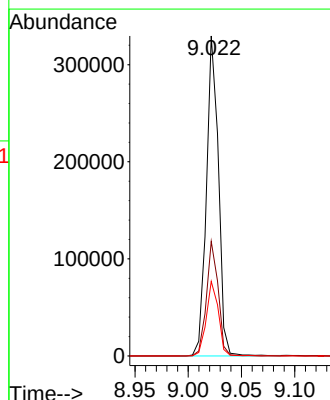
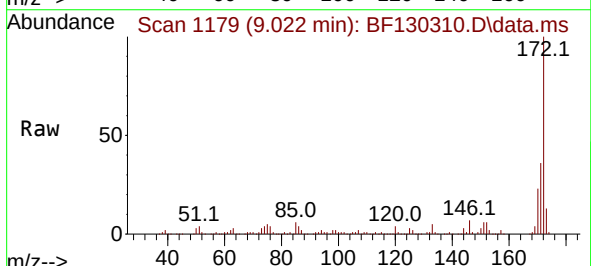
Tgt Ion:172 Resp: 260131

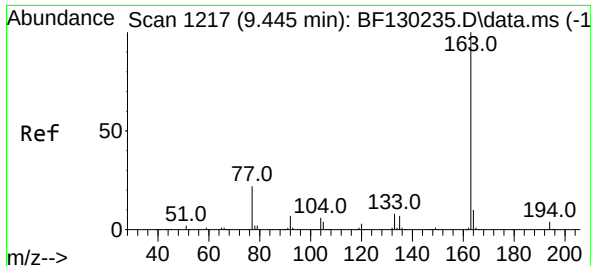
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.3 18.7 28.1

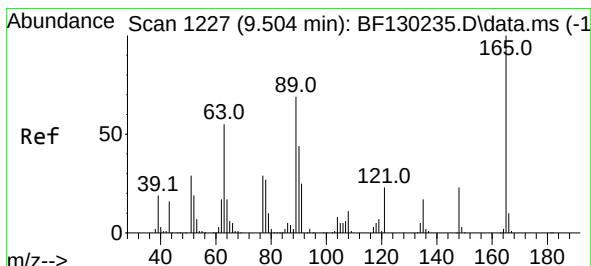
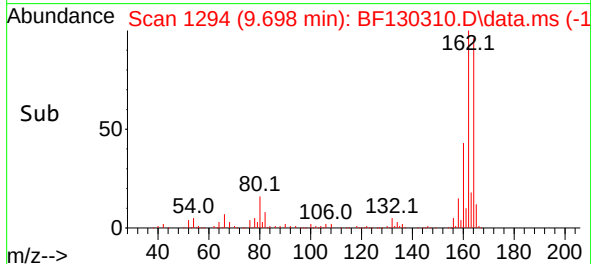
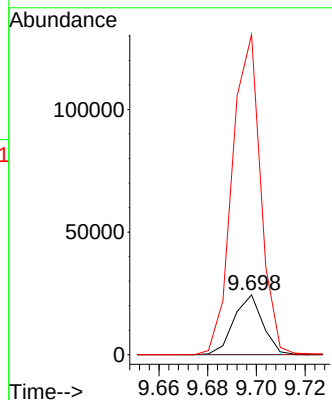
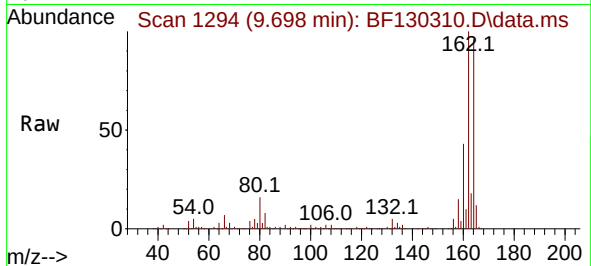




#50
Dimethylphthalate
Concen: 2.745 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.259 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

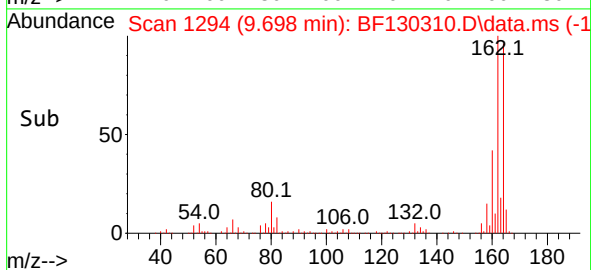
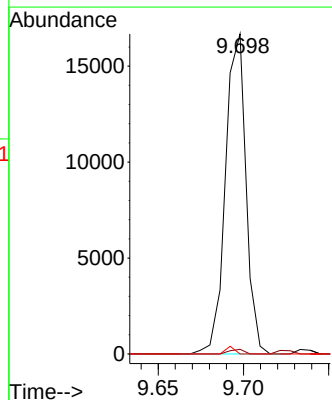
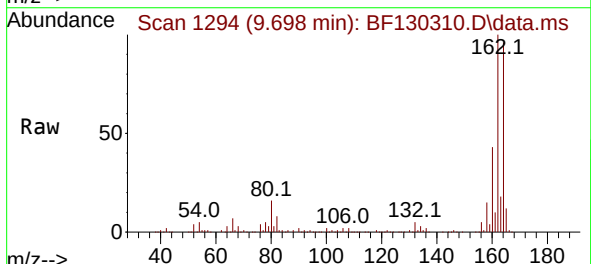
Instrument :
BNA_F
ClientSampleId :
HR-02-091522

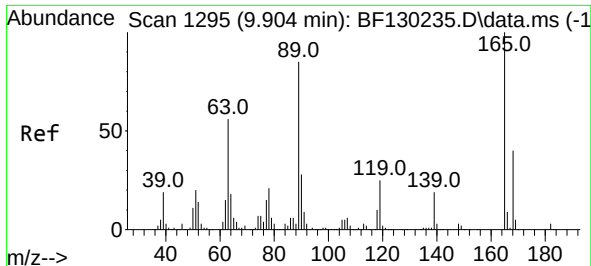
Tgt Ion:163 Resp: 20090
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 535.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.145 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.200 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

Tgt Ion:165 Resp: 14000
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 0.0 54.5 81.7#

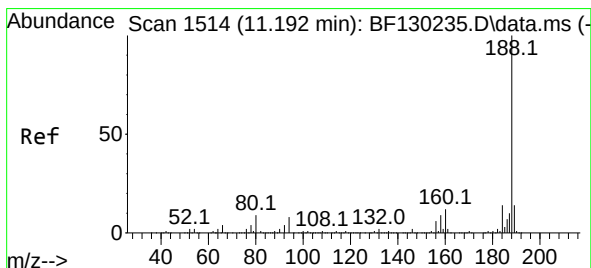
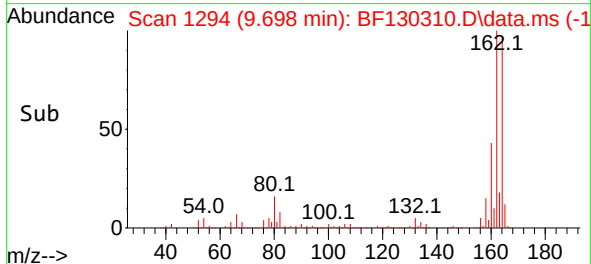
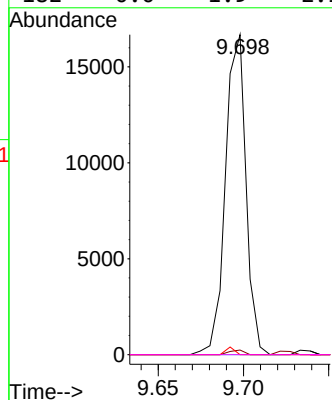
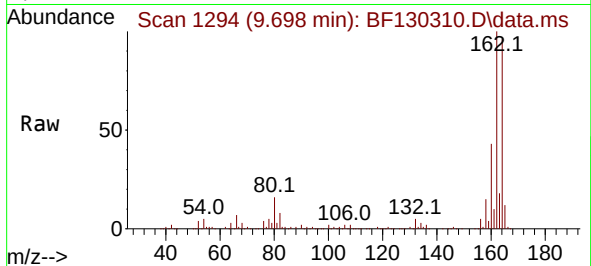




#57
2,4-Dinitrotoluene
Concen: 7.156 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

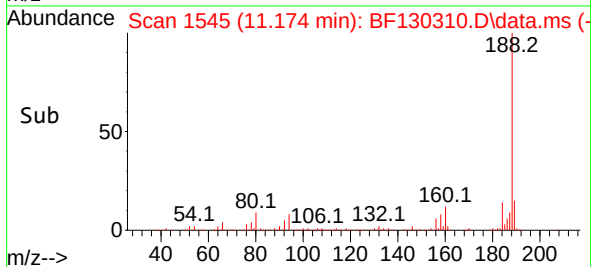
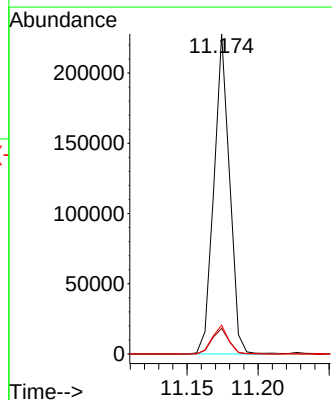
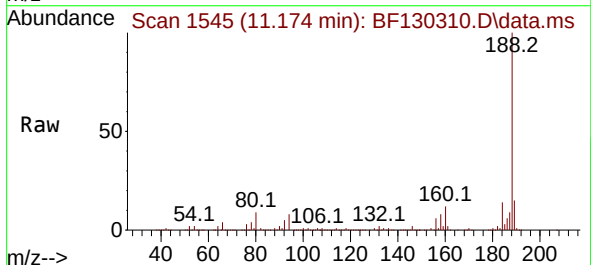
Instrument :
BNA_F
ClientSampleId :
HR-02-091522

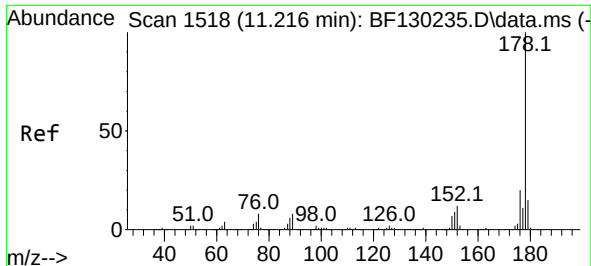
Tgt Ion:165 Resp: 14000
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 0.0 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.174 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

Tgt Ion:188 Resp: 174262
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 9.0 7.9 11.9

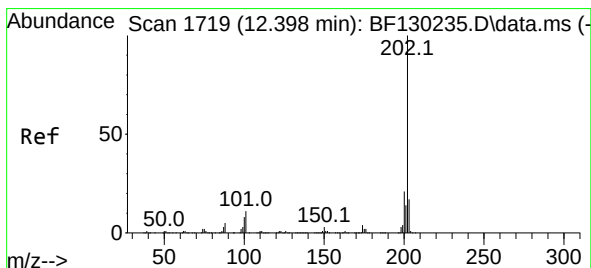
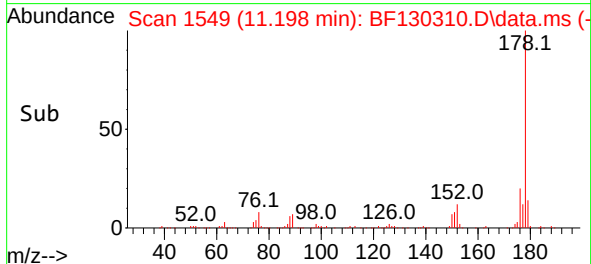
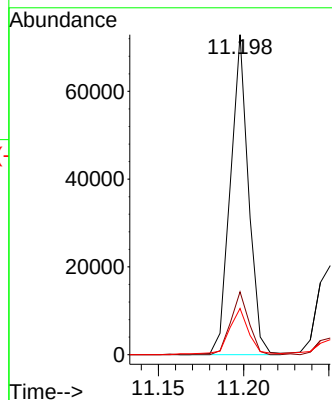
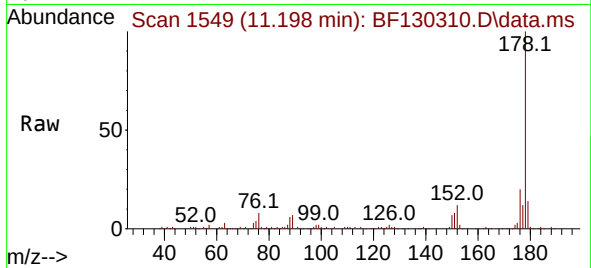




#71
Phenanthrene
Concen: 5.508 ng
RT: 11.198 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

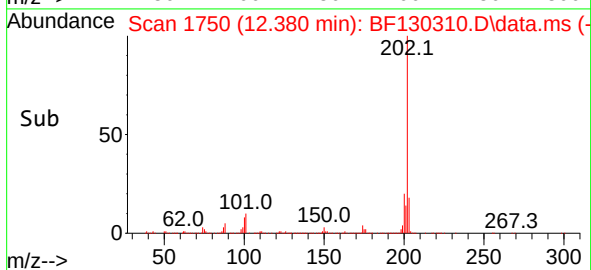
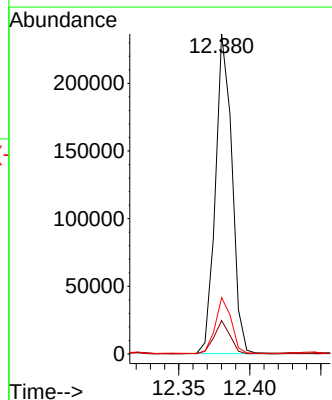
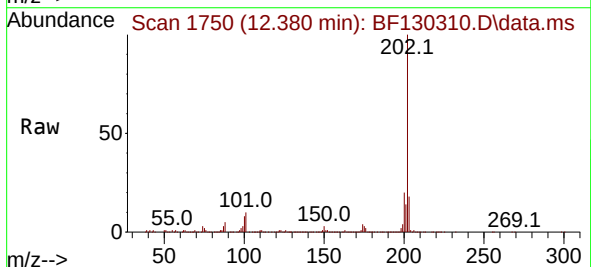
Instrument :
BNA_F
ClientSampleId :
HR-02-091522

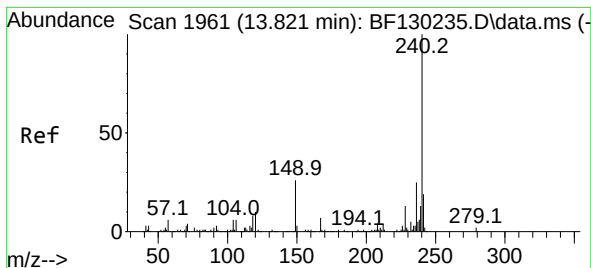
Tgt Ion:178 Resp: 53889
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 14.5 12.4 18.6



#75
Fluoranthene
Concen: 20.269 ng
RT: 12.380 min Scan# 1750
Delta R.T. -0.012 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

Tgt Ion:202 Resp: 191623
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.8
203 17.6 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.804 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BF130310.D

Acq: 17 Sep 2022 01:39

Instrument :

BNA_F

ClientSampleId :

HR-02-091522

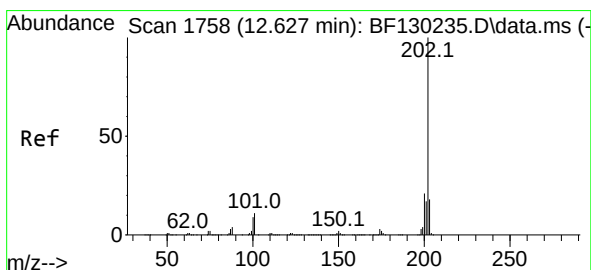
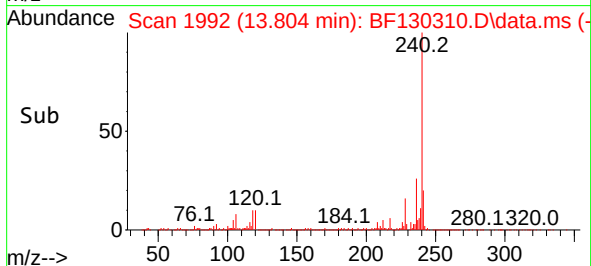
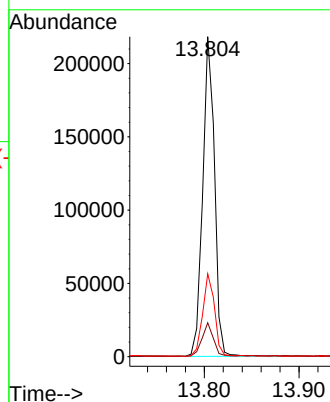
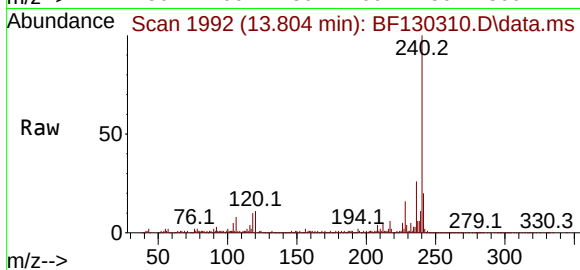
Tgt Ion:240 Resp: 189327

Ion Ratio Lower Upper

240 100

120 10.6 8.7 13.1

236 25.9 20.9 31.3



#78

Pyrene

Concen: 11.348 ng

RT: 12.610 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF130310.D

Acq: 17 Sep 2022 01:39

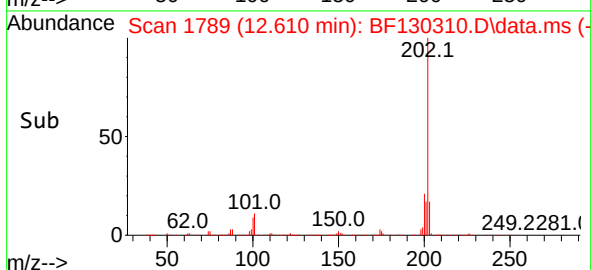
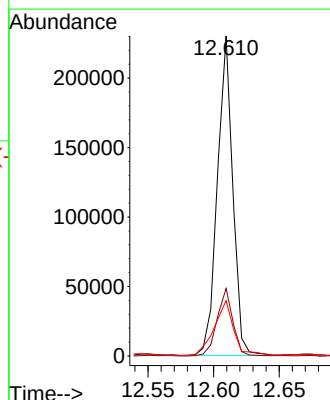
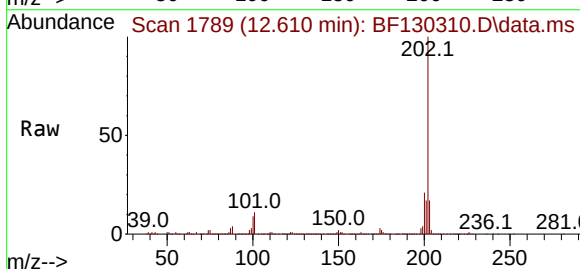
Tgt Ion:202 Resp: 187954

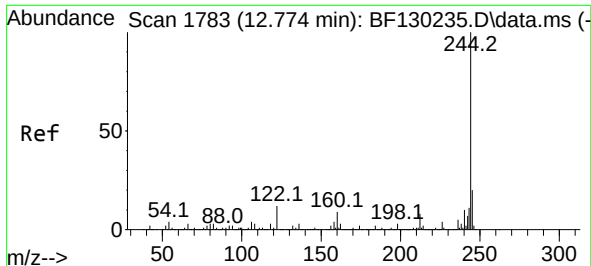
Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 17.3 14.3 21.5

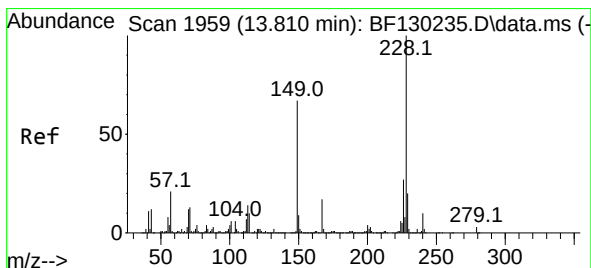
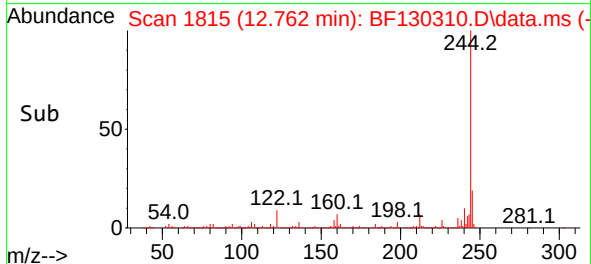
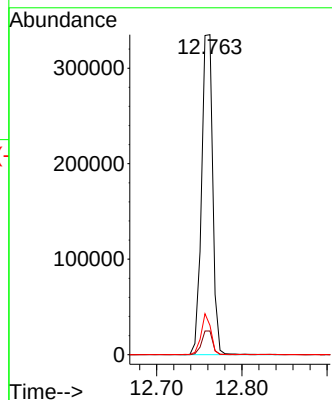
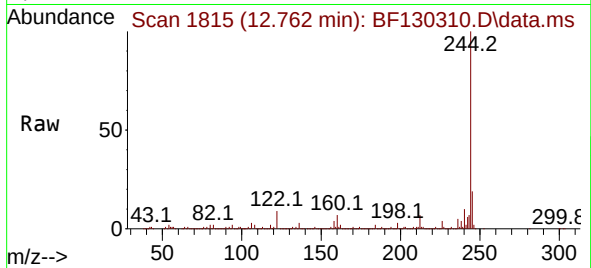




#79
 Terphenyl-d14
 Concen: 26.623 ng
 RT: 12.762 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130310.D
 Acq: 17 Sep 2022 01:39

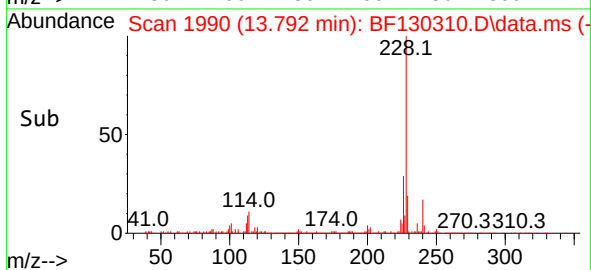
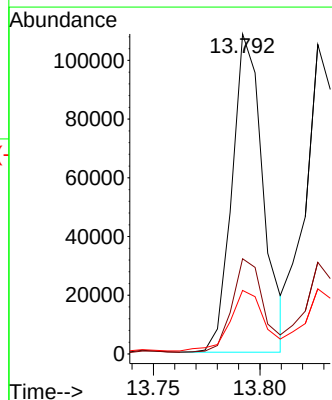
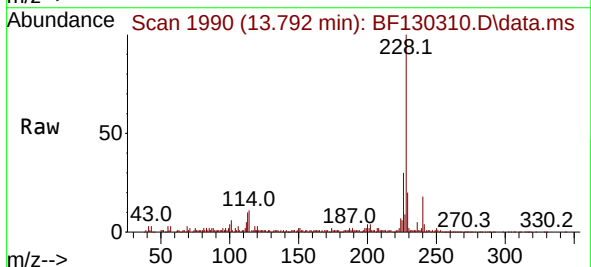
Instrument :
 BNA_F
 ClientSampleId :
 HR-02-091522

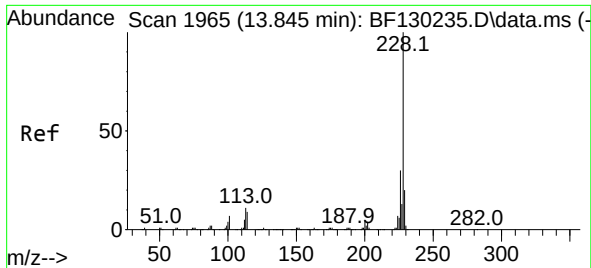
Tgt Ion:244 Resp: 304288
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.1 8.5 12.7



#81
 Benzo(a)anthracene
 Concen: 8.766 ng
 RT: 13.792 min Scan# 1990
 Delta R.T. -0.006 min
 Lab File: BF130310.D
 Acq: 17 Sep 2022 01:39

Tgt Ion:228 Resp: 110403
 Ion Ratio Lower Upper
 228 100
 226 29.7 21.9 32.9
 229 19.8 16.1 24.1

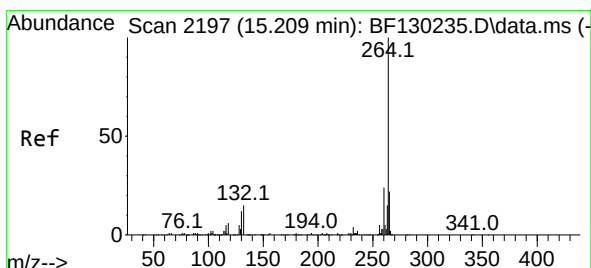
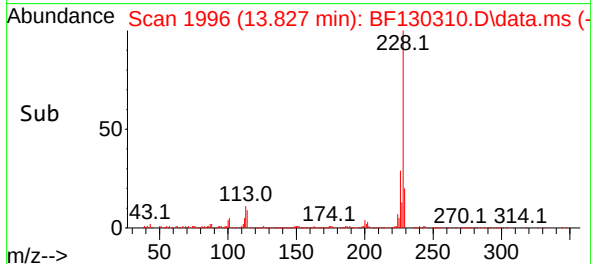
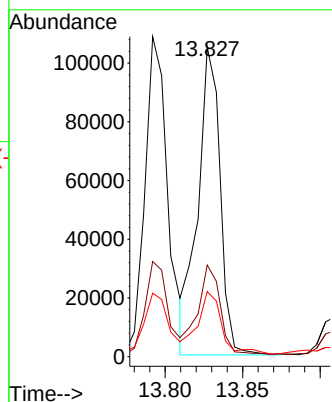
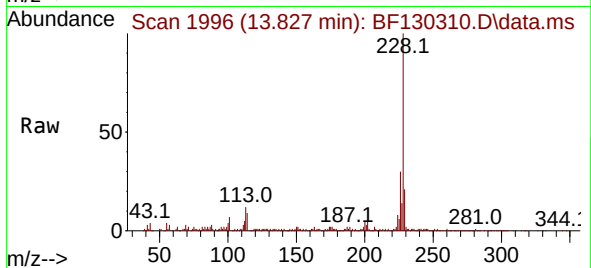




#83
Chrysene
Concen: 8.786 ng
RT: 13.827 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

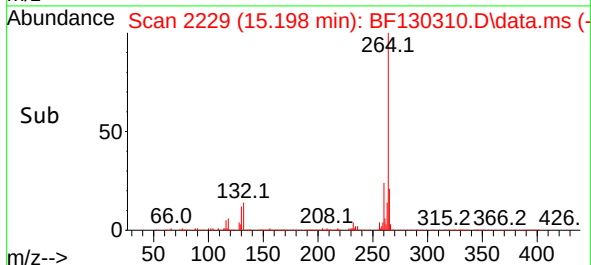
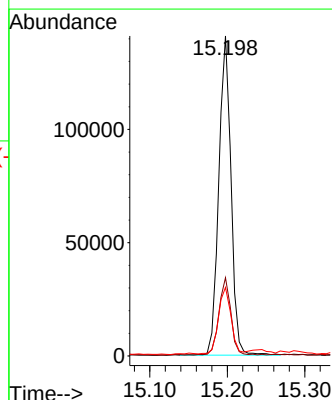
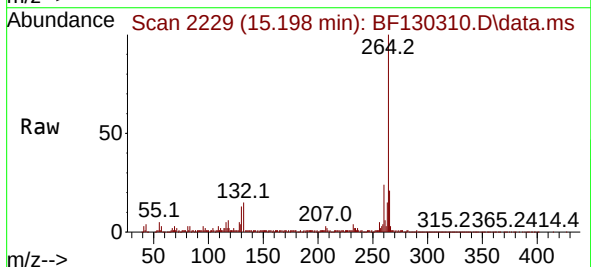
Instrument :
BNA_F
ClientSampleId :
HR-02-091522

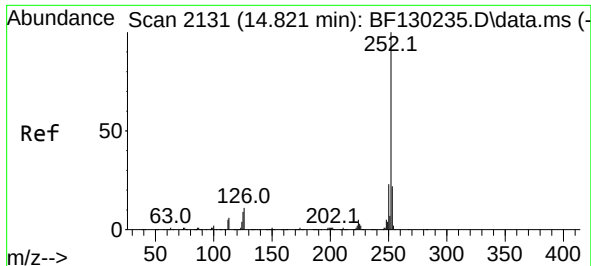
Tgt Ion:228 Resp: 105074
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 21.1 15.3 22.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.198 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

Tgt Ion:264 Resp: 154144
Ion Ratio Lower Upper
264 100
260 24.5 19.3 28.9
265 21.4 17.0 25.4

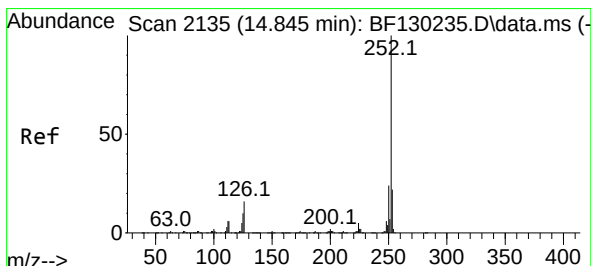
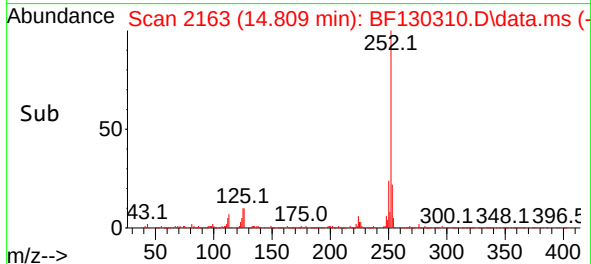
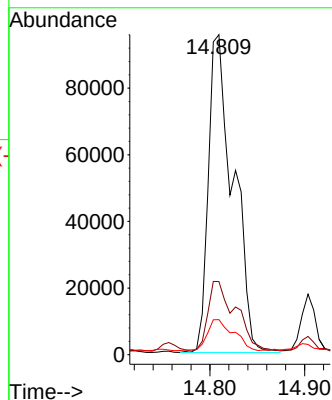
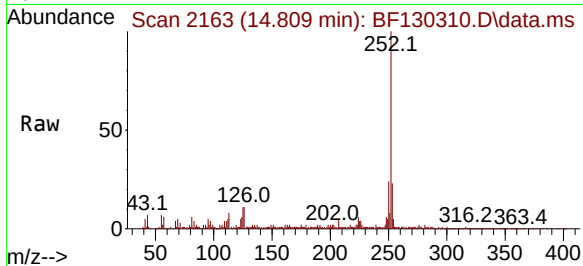




#88
Benzo(b)fluoranthene
Concen: 17.334 ng
RT: 14.809 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

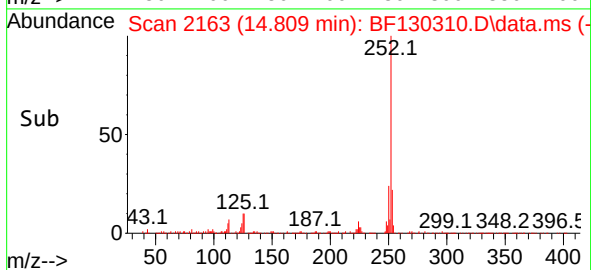
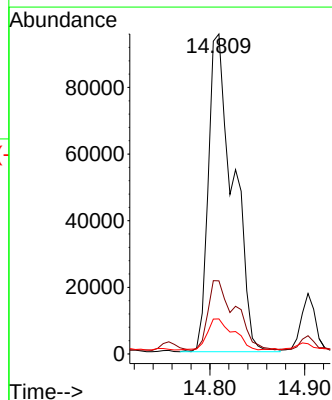
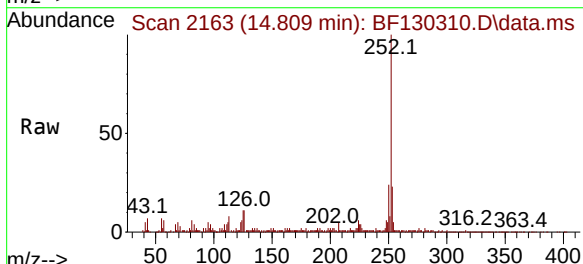
Instrument :
BNA_F
ClientSampleId :
HR-02-091522

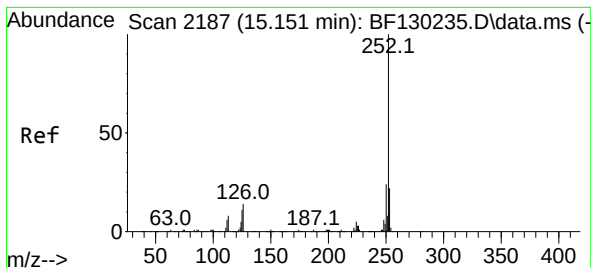
Tgt Ion:252 Resp: 174395
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 10.9 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 17.621 ng
RT: 14.809 min Scan# 2163
Delta R.T. -0.029 min
Lab File: BF130310.D
Acq: 17 Sep 2022 01:39

Tgt Ion:252 Resp: 174395
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.9 7.9 11.9





#90

Benzo(a)pyrene

Concen: 11.106 ng

RT: 15.139 min Scan# 2187

Delta R.T. -0.000 min

Lab File: BF130310.D

Acq: 17 Sep 2022 01:39

Instrument :

BNA_F

ClientSampleId :

HR-02-091522

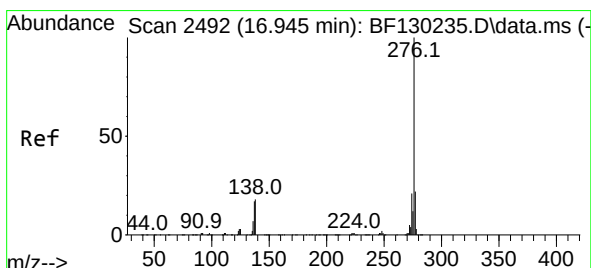
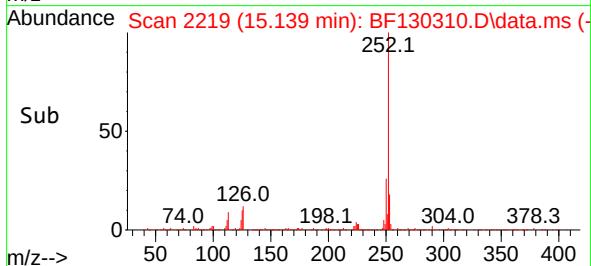
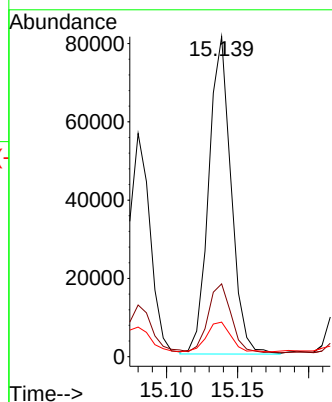
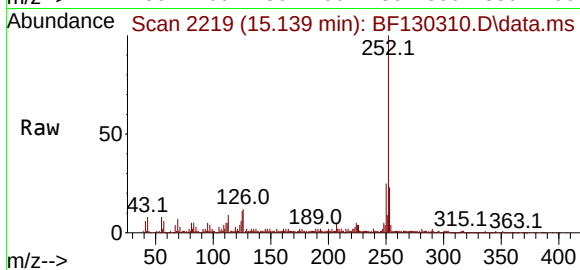
Tgt Ion:252 Resp: 88519

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 10.8 9.0 13.6



#92

Benzo(g,h,i)perylene

Concen: 4.550 ng

RT: 16.915 min Scan# 2521

Delta R.T. -0.012 min

Lab File: BF130310.D

Acq: 17 Sep 2022 01:39

Tgt Ion:276 Resp: 41101

Ion Ratio Lower Upper

276 100

277 22.8 18.6 27.8

138 21.7 14.6 21.8

