

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122438.D
 Acq On : 22 Nov 2020 00:31
 Operator : JU/CG
 Sample : L4829-11DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

Quant Time: Nov 23 01:02:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

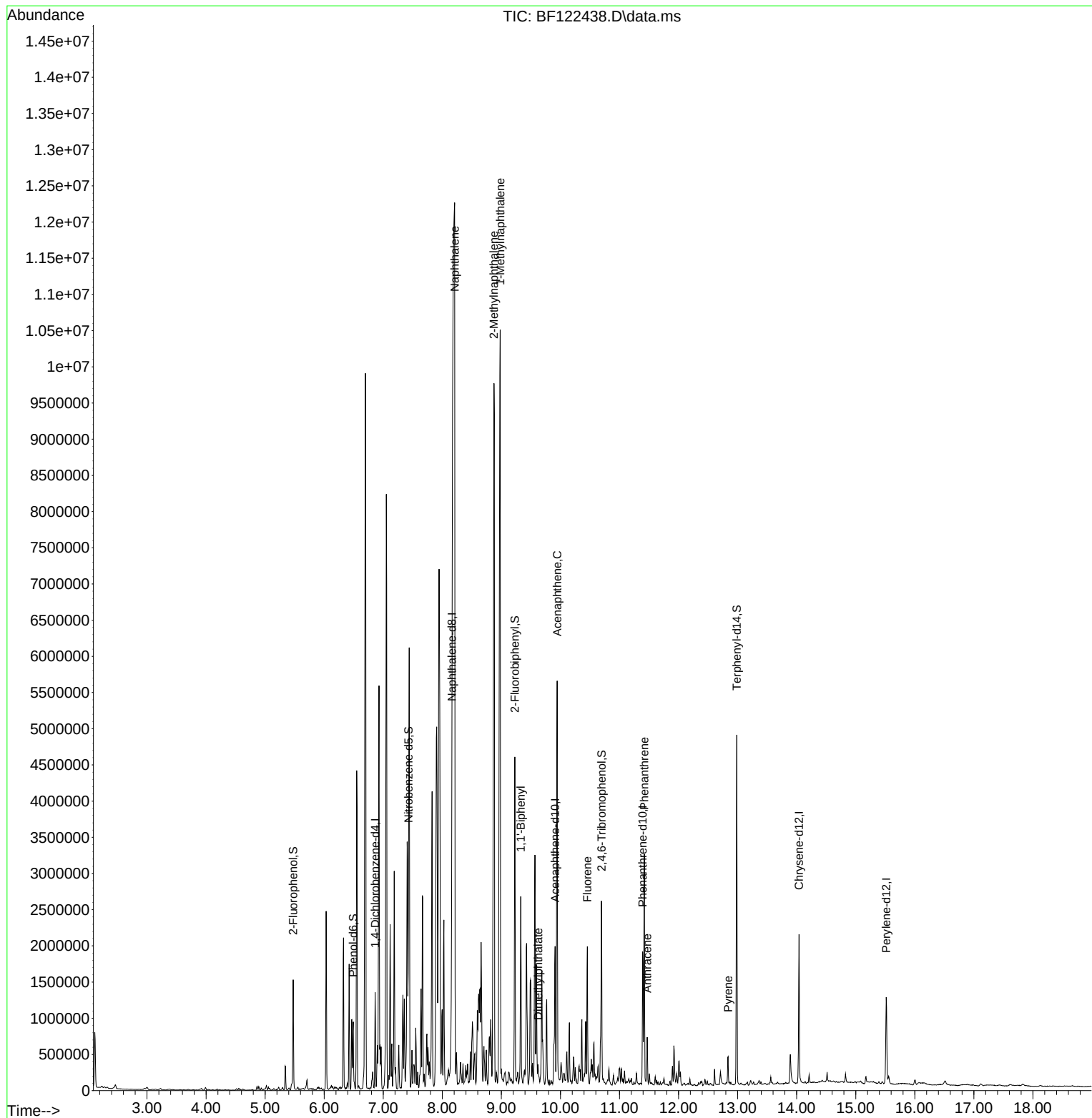
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	189617	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	572598	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	384901	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	718887	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	674409	20.00	ng	-0.01
86) Perylene-d12	15.515	264	587753	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	391751	31.72	ng	-0.02
7) Phenol-d6	6.492	99	330434	20.45	ng	-0.02
23) Nitrobenzene-d5	7.428	82	645724	69.04	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	329480	79.76	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1294140	52.53	ng	0.00
79) Terphenyl-d14	12.986	244	1481475	46.54	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.210	128	13444535	441.64	ng	# 92
37) 2-Methylnaphthalene	8.875	142	3702963	184.12	ng	94
38) 1-Methylnaphthalene	8.980	142	3842569	204.11	ng	99
46) 1,1'-Biphenyl	9.327	154	740039	24.15	ng	98
50) Dimethylphthalate	9.622	163	90401	3.30	ng	99
52) Acenaphthene	9.945	154	1196709	51.73	ng	99
58) Fluorene	10.457	166	511877	19.72	ng	99
71) Phenanthrene	11.421	178	1143837	28.04	ng	99
72) Anthracene	11.469	178	250610	5.96	ng	97
78) Pyrene	12.839	202	166070	3.51	ng	98

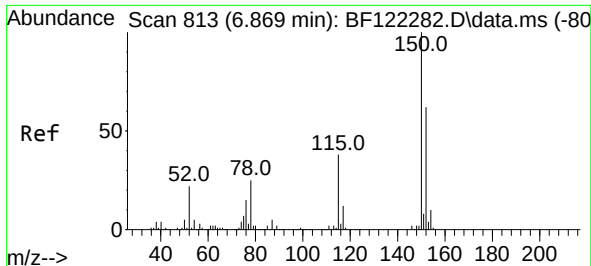
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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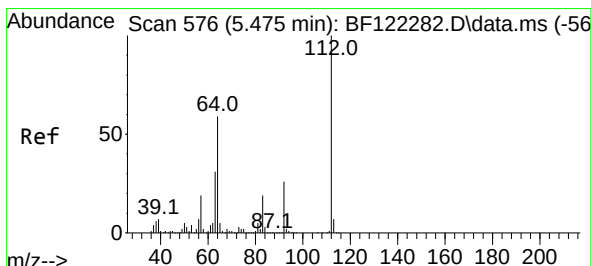
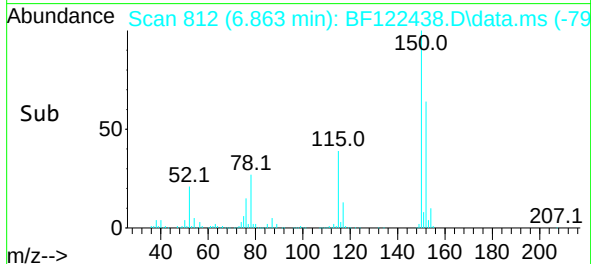
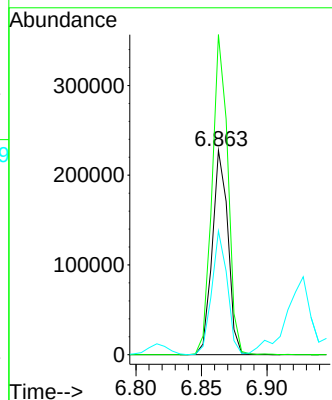
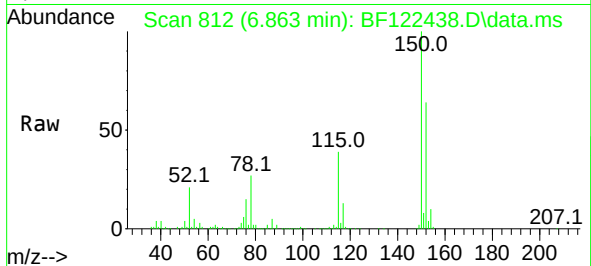




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

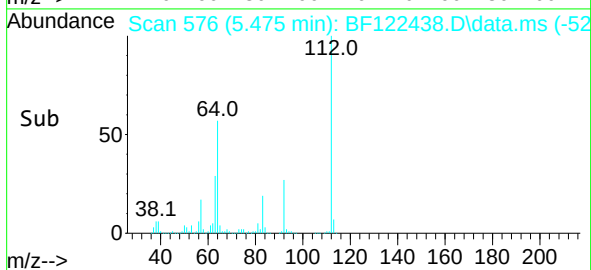
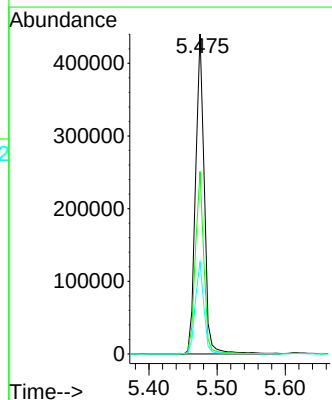
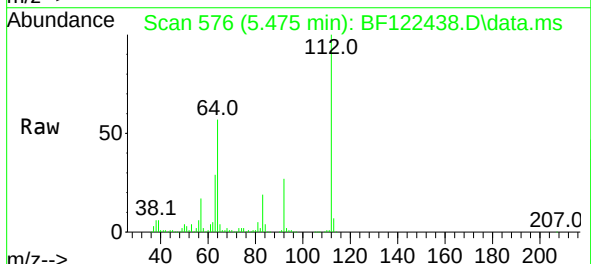
Instrument :
BNA_F
ClientSampleId :
MW-14DL

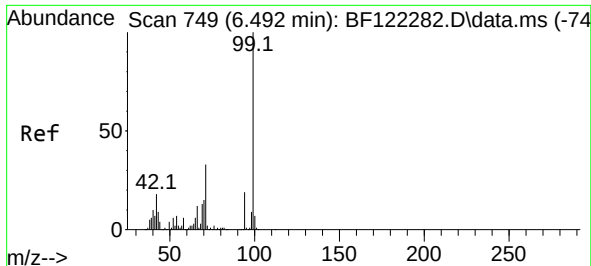
Tgt Ion:152 Resp: 189617
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 60.5 51.9 77.9



#5
2-Fluorophenol
Concen: 31.72 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.018 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

Tgt Ion:112 Resp: 391751
Ion Ratio Lower Upper
112 100
64 57.1 50.4 75.6
63 28.8 25.8 38.6

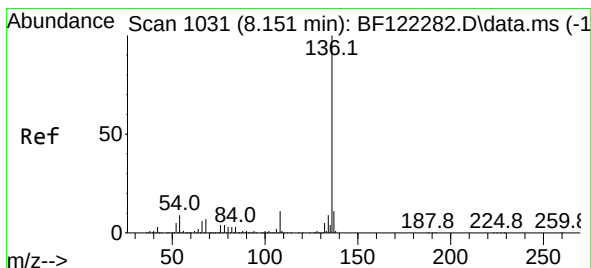
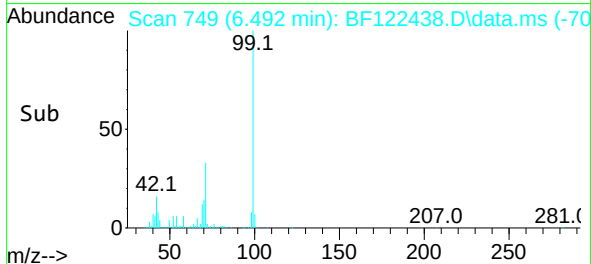
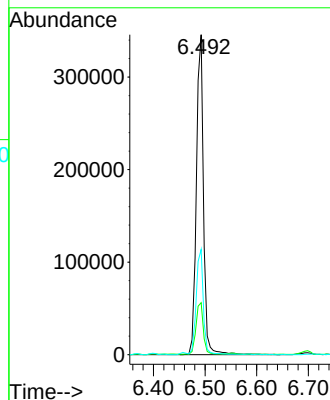
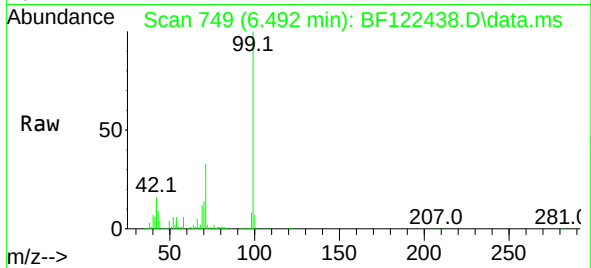




#7
Phenol-d6
Concen: 20.45 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

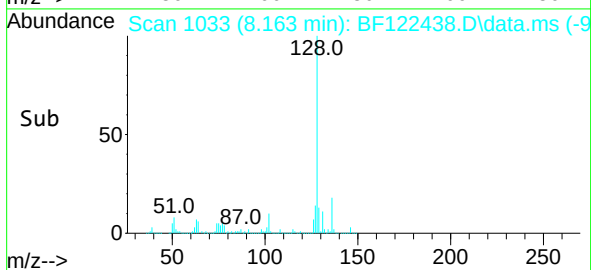
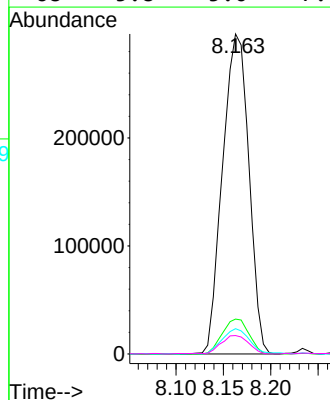
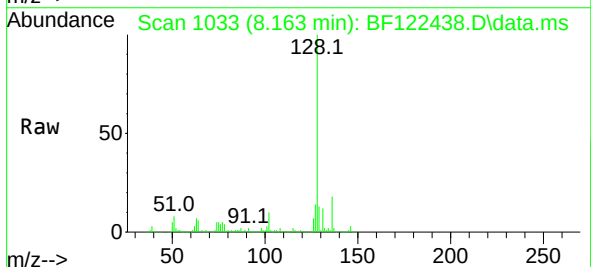
Instrument :
BNA_F
ClientSampleId :
MW-14DL

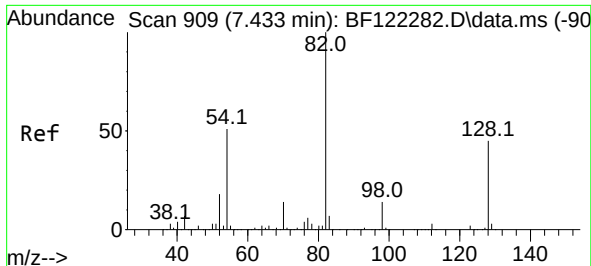
Tgt Ion:	99	Resp:	330434
Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.9	23.9
71	32.9	27.1	40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

Tgt Ion:	136	Resp:	572598
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.9	7.1	10.7
68	5.8	5.0	7.4

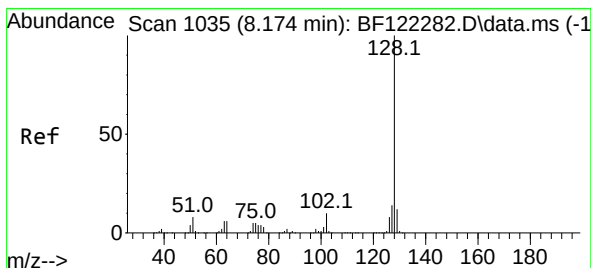
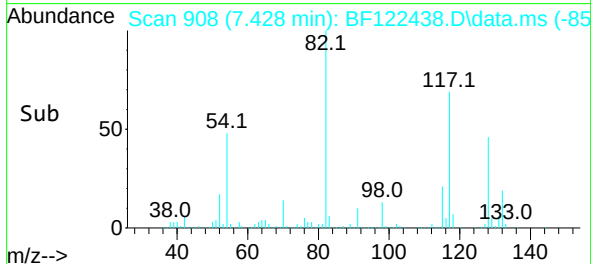
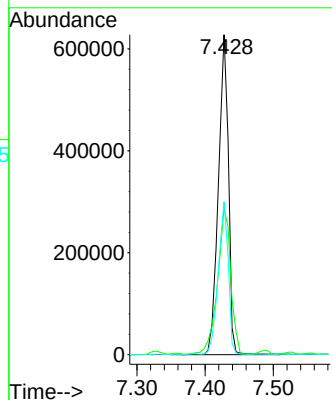
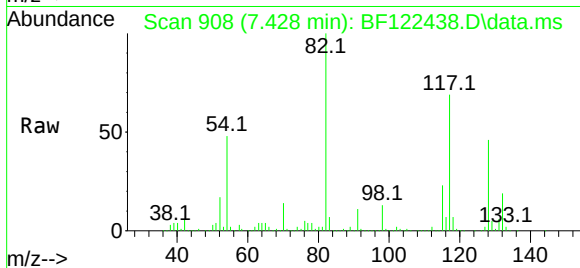




#23
Nitrobenzene-d5
Concen: 69.04 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

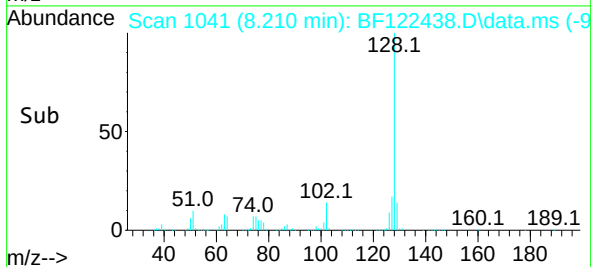
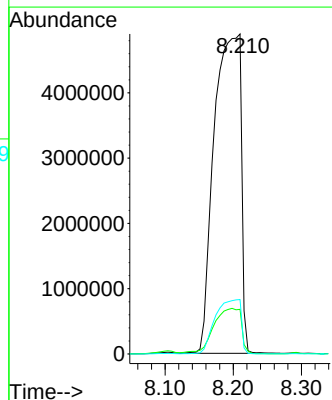
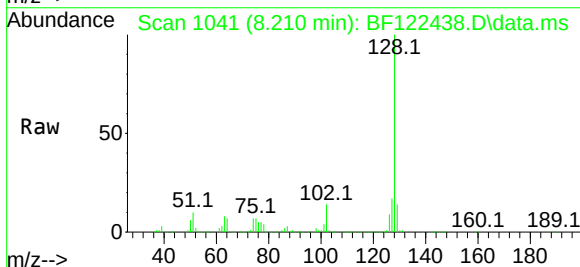
Instrument :
BNA_F
ClientSampleId :
MW-14DL

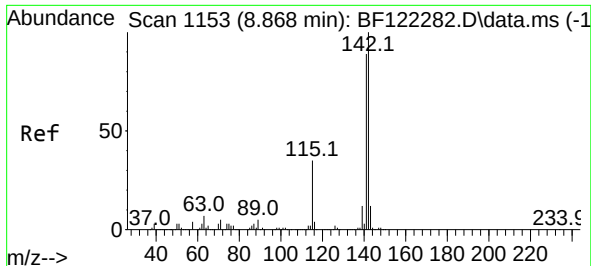
Tgt Ion: 82 Resp: 645724
Ion Ratio Lower Upper
82 100
128 46.0 35.0 52.4
54 47.8 43.9 65.9



#31
Naphthalene
Concen: 441.64 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.029 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

Tgt Ion:128 Resp:13444535
Ion Ratio Lower Upper
128 100
129 14.0 8.7 13.1#
127 17.0 10.8 16.2#



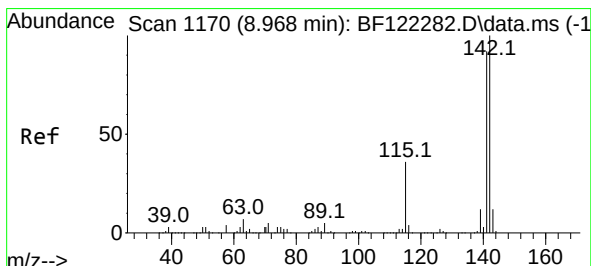
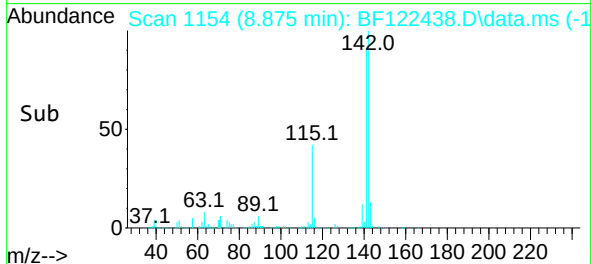
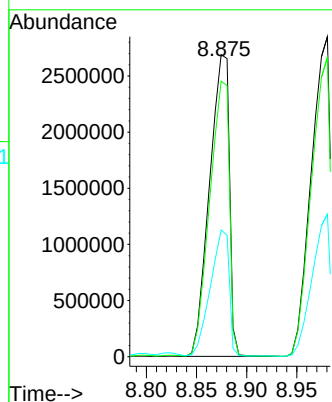
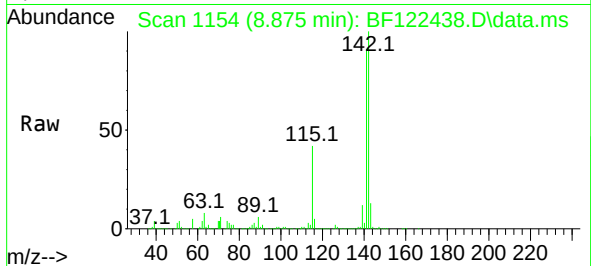


#37
2-Methylnaphthalene
Concen: 184.12 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

Instrument :
BNA_F
ClientSampled :
MW-14DL

Tgt Ion:142 Resp: 3702963

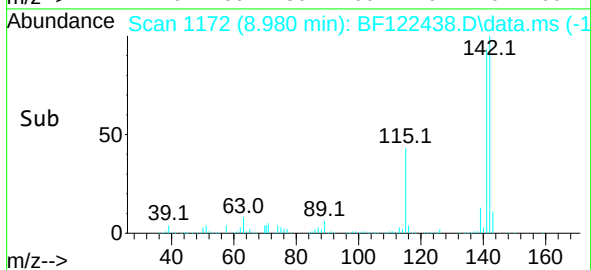
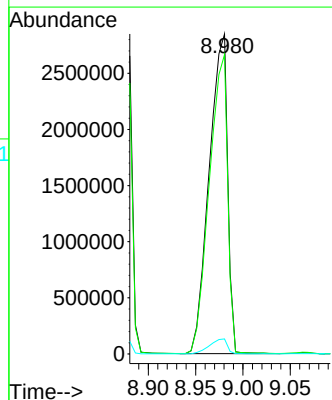
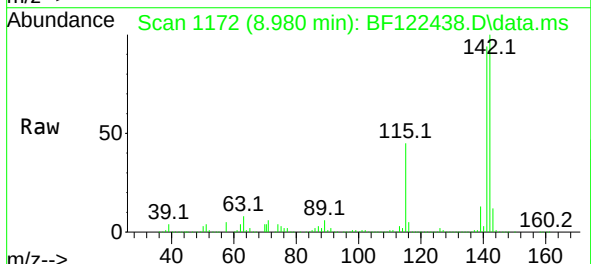
Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.2	105.4
115	41.9	28.6	43.0

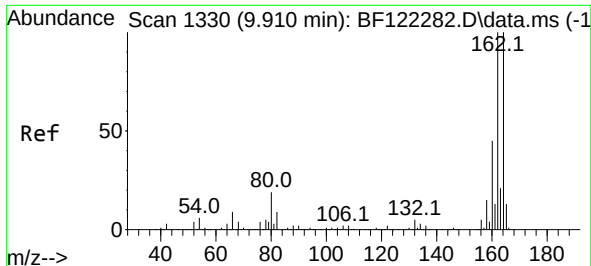


#38
1-Methylnaphthalene
Concen: 204.11 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.012 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

Tgt Ion:142 Resp: 3842569

Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.5	111.7
116	4.7	3.2	4.8

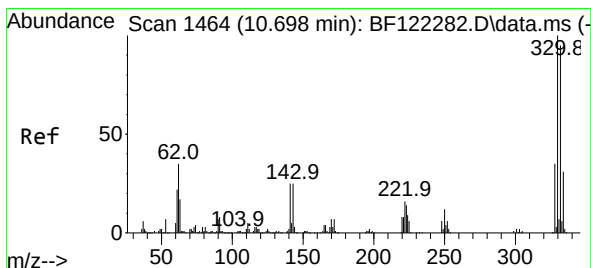
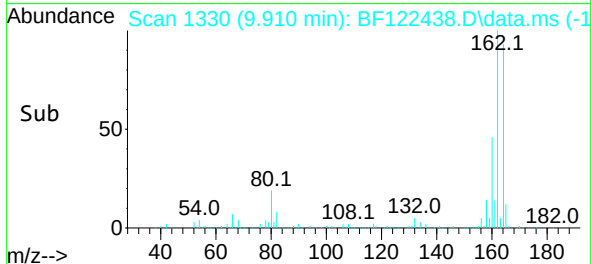
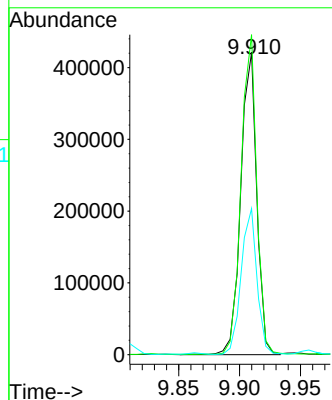
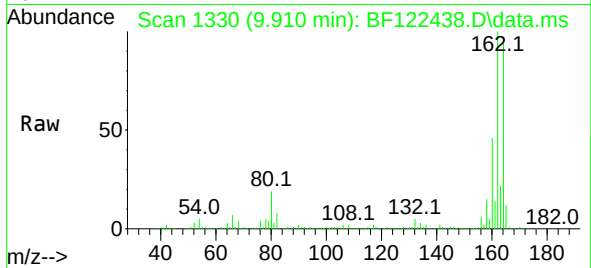




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

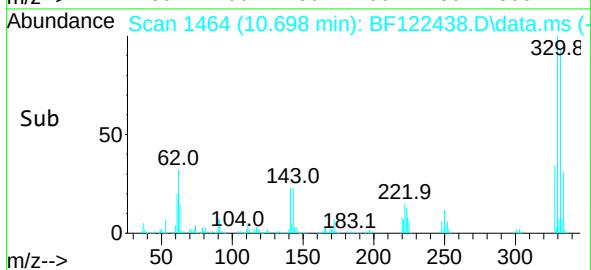
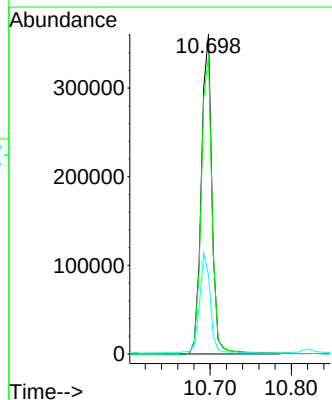
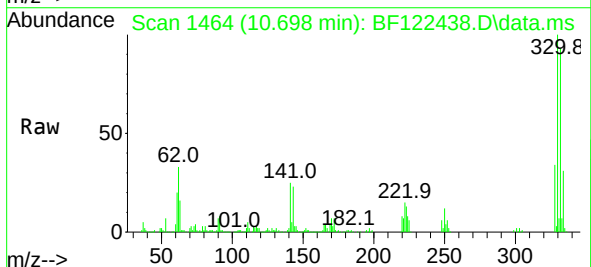
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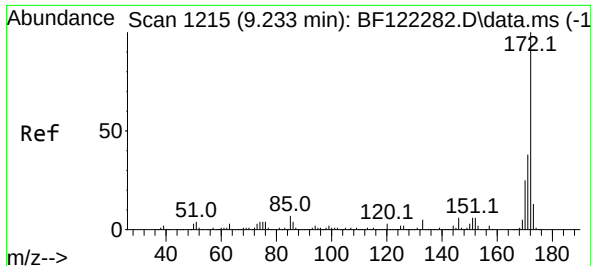
Tgt Ion:164 Resp: 384901
Ion Ratio Lower Upper
164 100
162 105.9 83.2 124.8
160 48.3 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 79.76 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

Tgt Ion:330 Resp: 329480
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 32.3 22.3 33.5

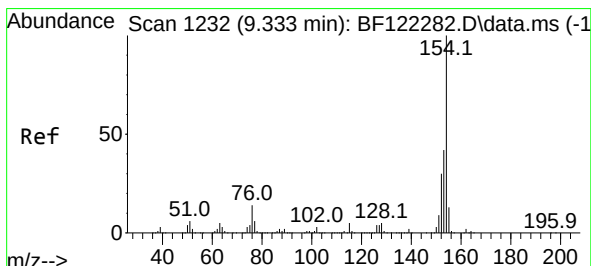
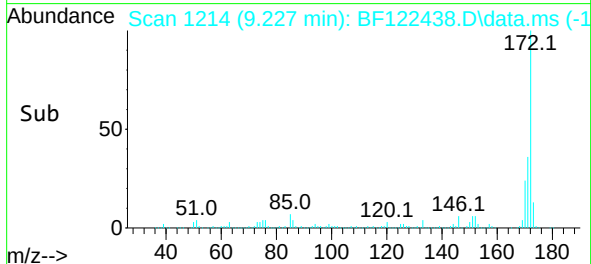
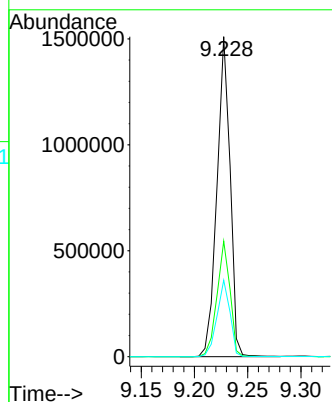
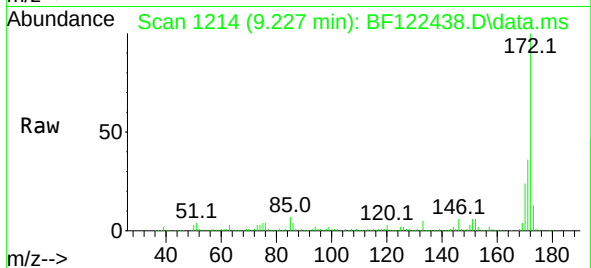




#45
2-Fluorobiphenyl
Concen: 52.53 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

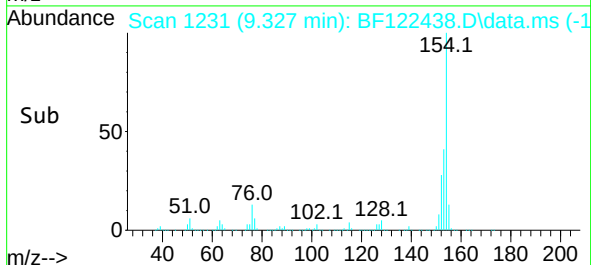
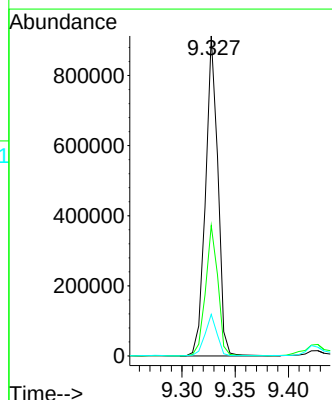
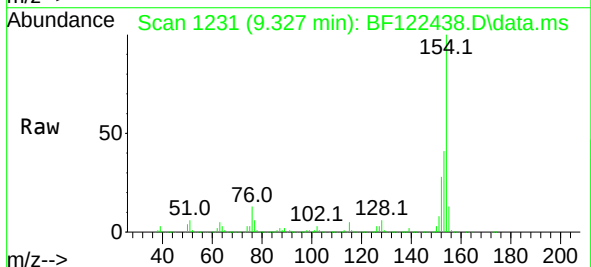
Instrument :
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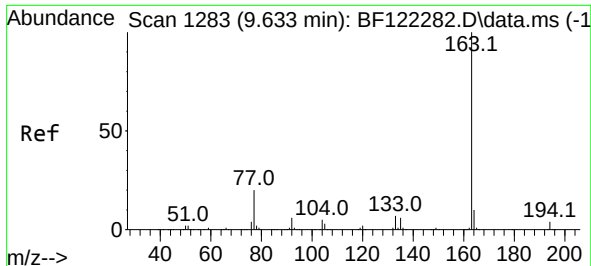
Tgt Ion:172 Resp: 1294140
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 23.9 19.8 29.6



#46
1,1'-Biphenyl
Concen: 24.15 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

Tgt Ion:154 Resp: 740039
Ion Ratio Lower Upper
154 100
153 40.8 21.3 61.3
76 13.0 0.0 34.7

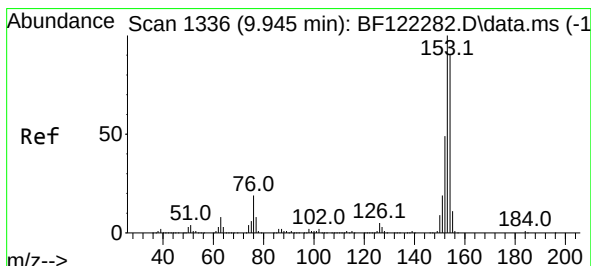
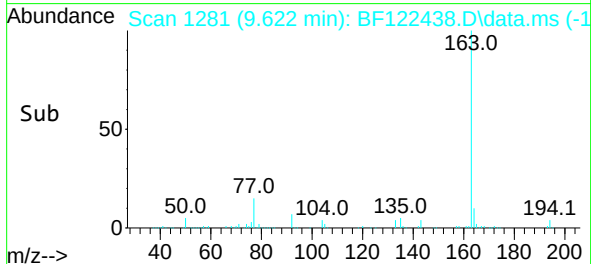
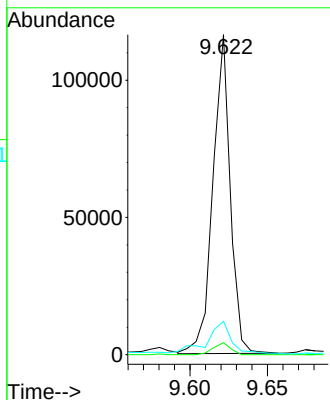
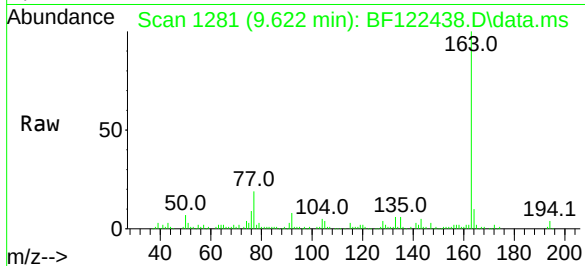




#50
Dimethylphthalate
Concen: 3.30 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

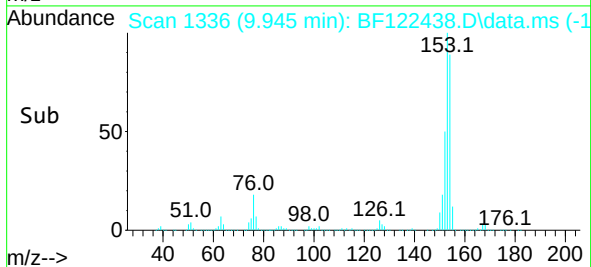
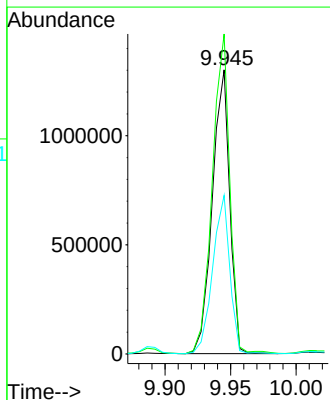
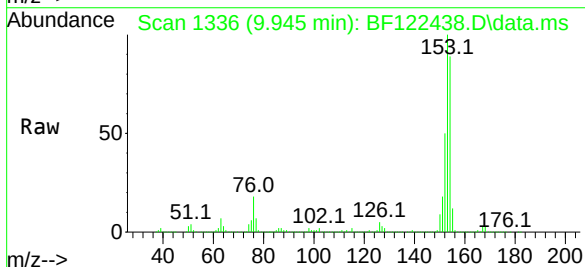
Instrument :
BNA_F
ClientSampleId :
MW-14DL

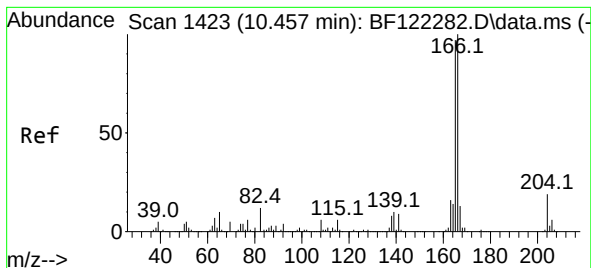
Tgt Ion:163 Resp: 90401
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.4 8.2 12.4



#52
Acenaphthene
Concen: 51.73 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

Tgt Ion:154 Resp: 1196709
Ion Ratio Lower Upper
154 100
153 112.6 89.8 134.8
152 55.8 43.2 64.8





#58

Fluorene

Concen: 19.72 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF122438.D

Acq: 22 Nov 2020 00:31

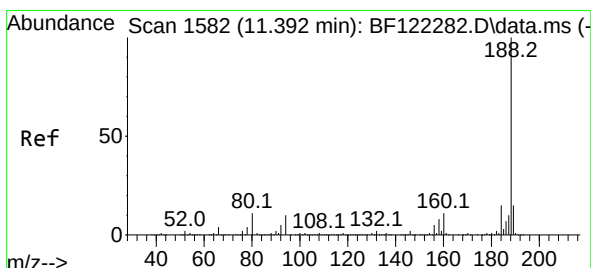
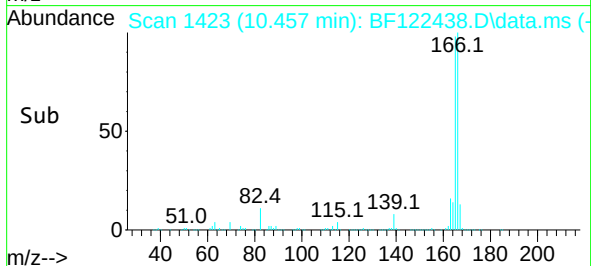
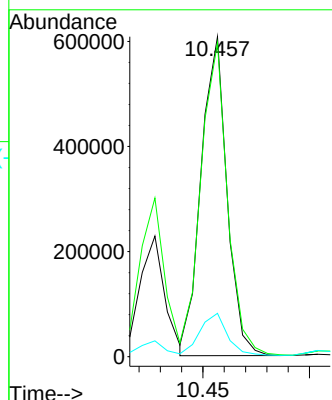
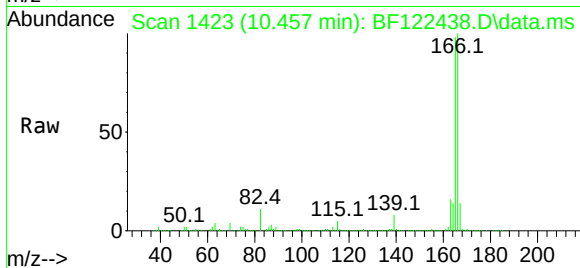
Tgt Ion:166 Resp: 511877

Ion Ratio Lower Upper

166 100

165 98.2 79.1 118.7

167 13.6 11.0 16.6



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.012 min

Lab File: BF122438.D

Acq: 22 Nov 2020 00:31

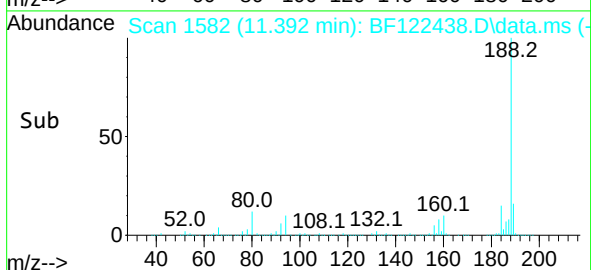
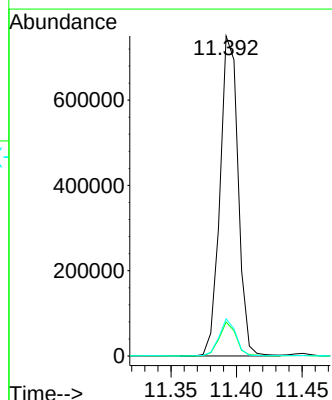
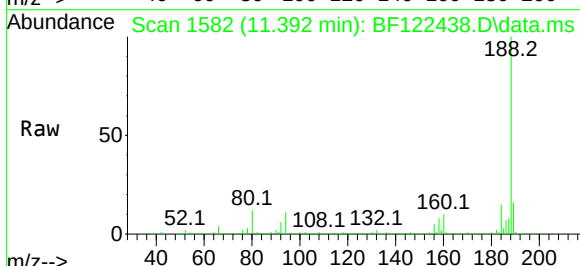
Tgt Ion:188 Resp: 718887

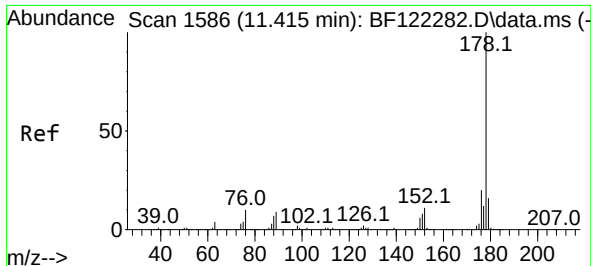
Ion Ratio Lower Upper

188 100

94 10.6 8.3 12.5

80 11.6 9.1 13.7

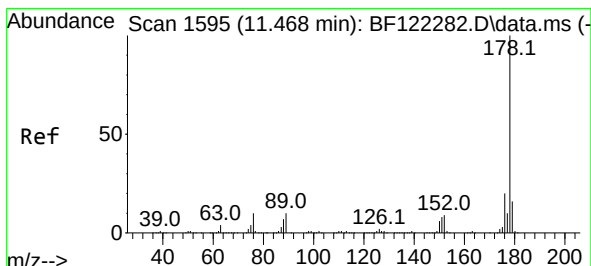
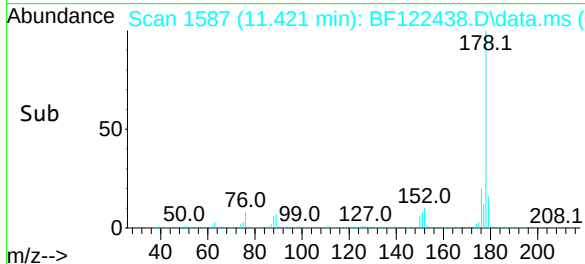
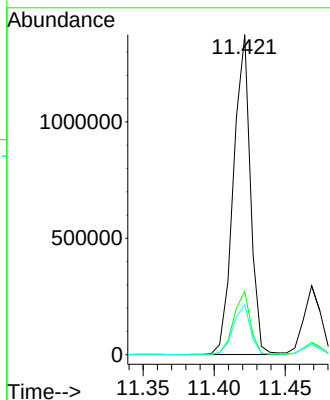
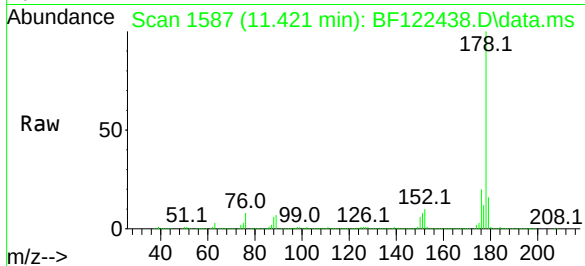




#71
Phenanthrene
Concen: 28.04 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

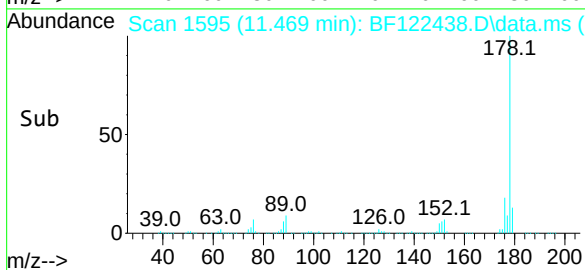
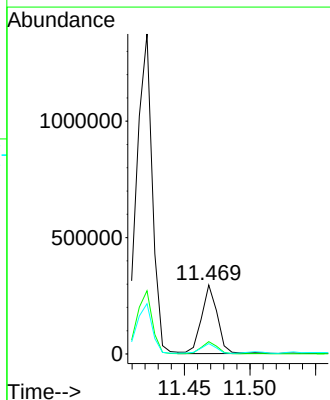
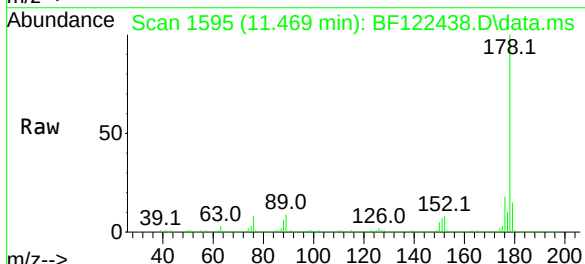
Instrument :
BNA_F
ClientSampleId :
MW-14DL

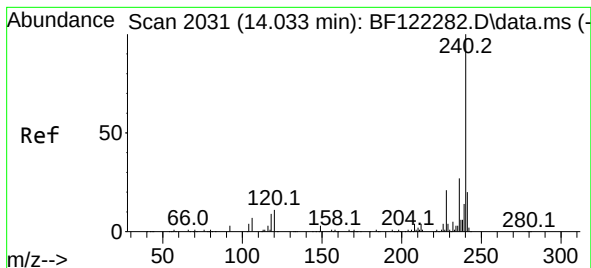
Tgt Ion:178 Resp: 1143837
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.7 12.2 18.4



#72
Anthracene
Concen: 5.96 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.012 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

Tgt Ion:178 Resp: 250610
Ion Ratio Lower Upper
178 100
176 17.9 15.7 23.5
179 15.2 12.7 19.1

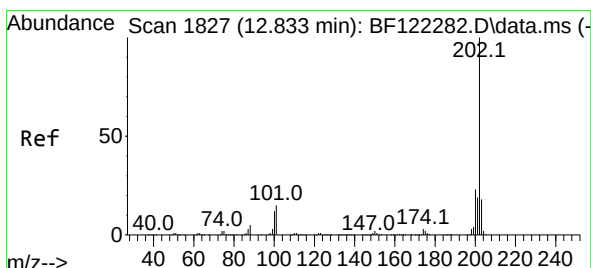
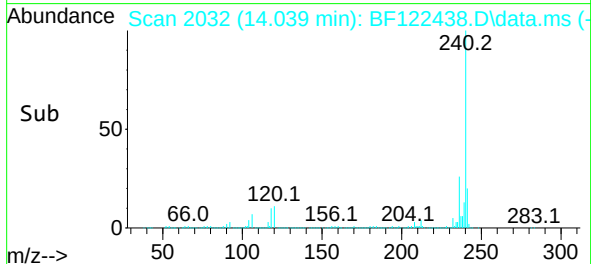
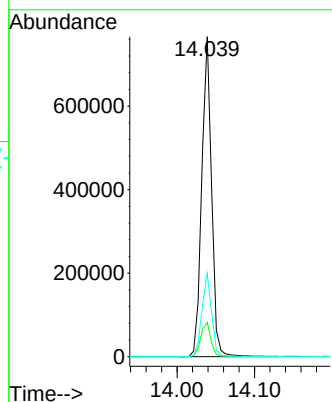
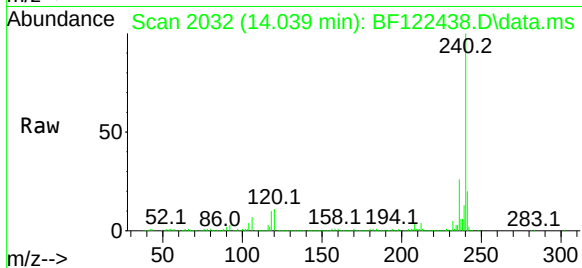




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

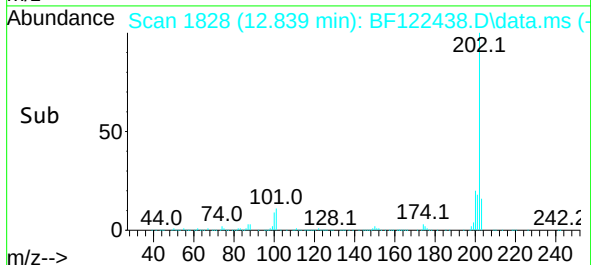
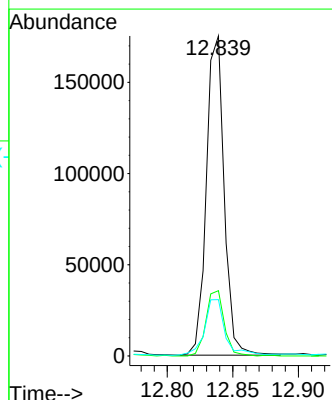
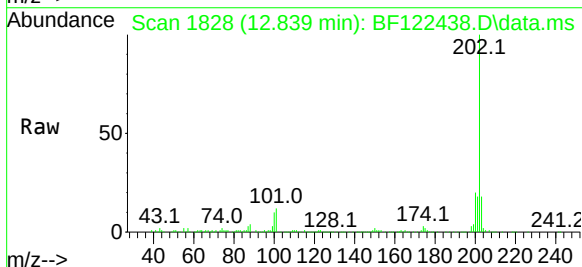
Instrument :
BNA_F
ClientSampleId :
MW-14DL

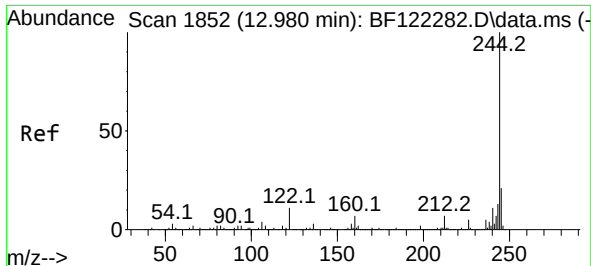
Tgt Ion:240 Resp: 674409
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 26.0 20.9 31.3



#78
Pyrene
Concen: 3.51 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

Tgt Ion:202 Resp: 166070
Ion Ratio Lower Upper
202 100
200 20.4 17.4 26.2
203 17.6 14.6 21.8

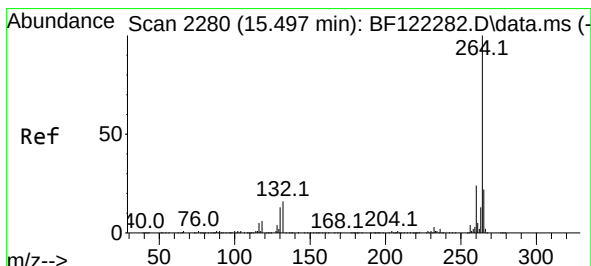
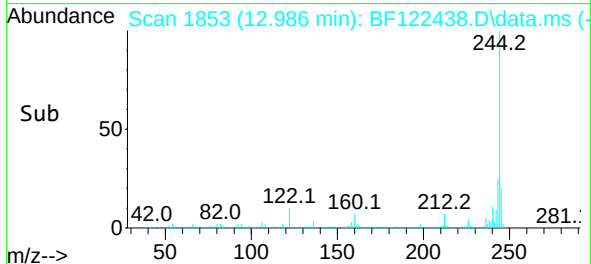
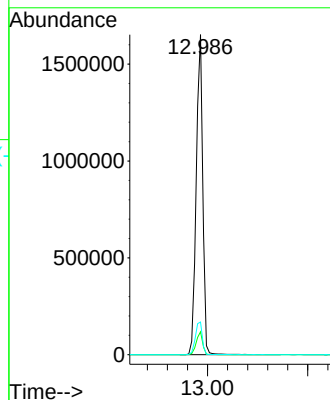
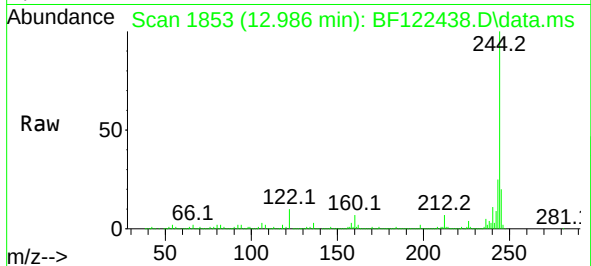




#79
Terphenyl-d14
Concen: 46.54 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

Instrument :
BNA_F
ClientSampleId :
MW-14DL

Tgt Ion:244 Resp: 1481475
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.2 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.018 min
Lab File: BF122438.D
Acq: 22 Nov 2020 00:31

Tgt Ion:264 Resp: 587753
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.9 17.3 25.9

