

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122426.D
 Acq On : 21 Nov 2020 18:08
 Operator : JU/CG
 Sample : L4829-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Nov 23 01:00:16 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)

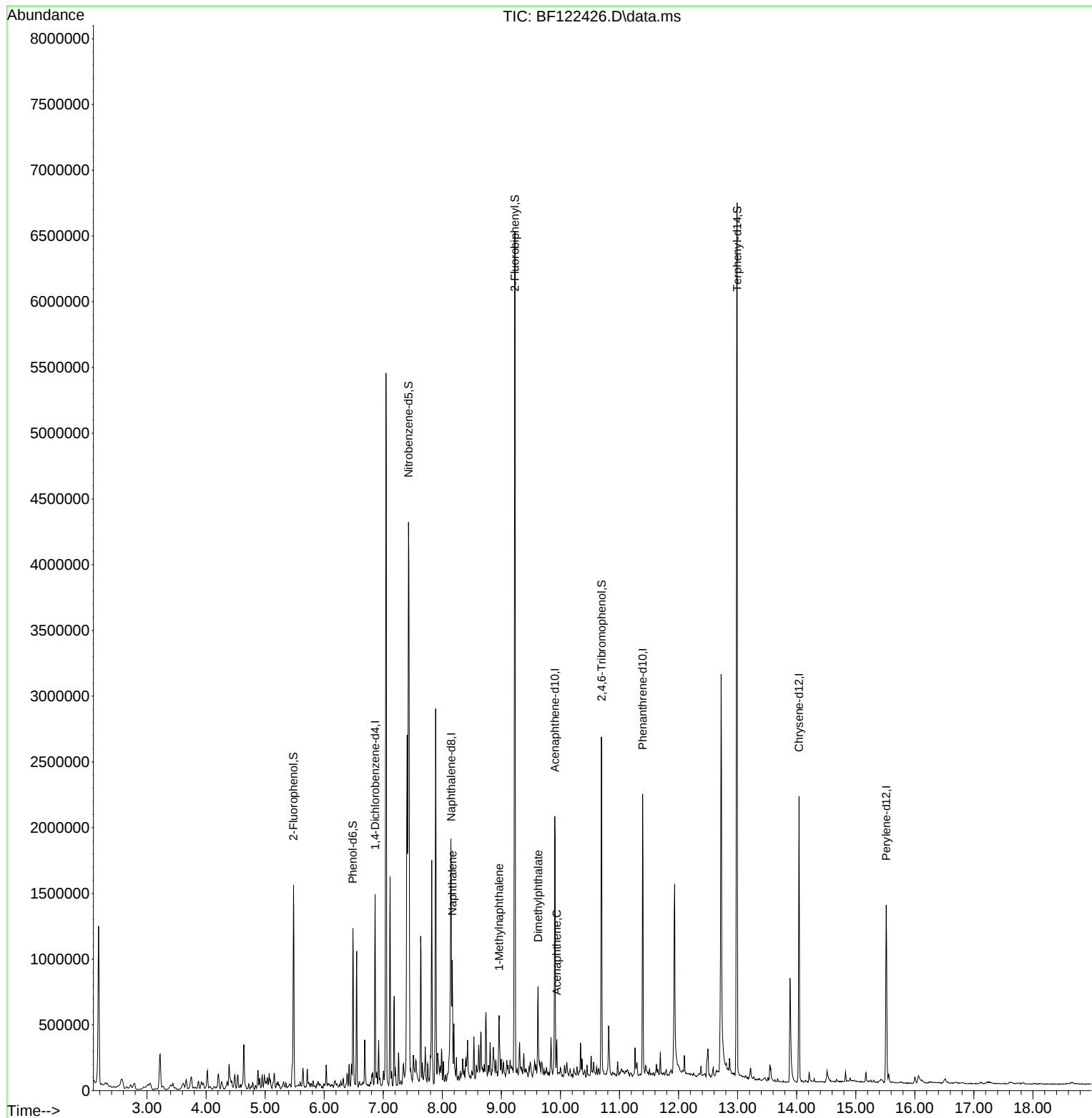
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	205070	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	770522	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	425218	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	787195	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	714830	20.00	ng	-0.01
86) Perylene-d12	15.515	264	644975	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	371736	27.83	ng	-0.01
7) Phenol-d6	6.487	99	311490	17.83	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1241295	98.62	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	353550	77.47	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2196391	80.71	ng	0.00
79) Terphenyl-d14	12.992	244	2429661	72.01	ng	0.00
Target Compounds						
31) Naphthalene	8.169	128	225050	5.49	ng	# 94
38) 1-Methylnaphthalene	8.963	142	104474	4.12	ng	99
50) Dimethylphthalate	9.622	163	267582	8.85	ng	99
52) Acenaphthene	9.939	154	54716	2.14	ng	96

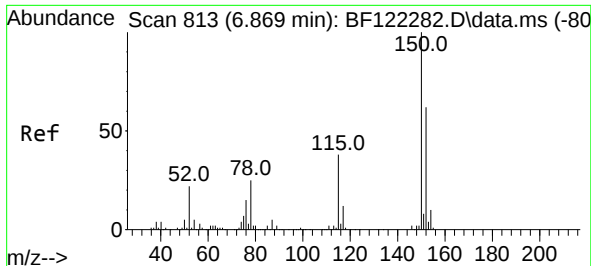
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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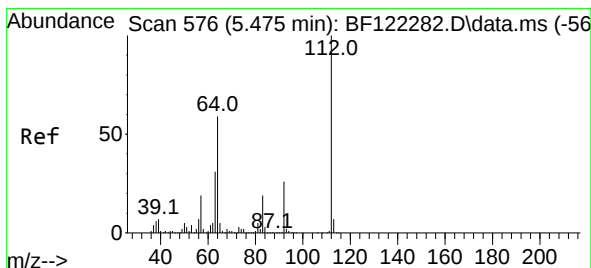
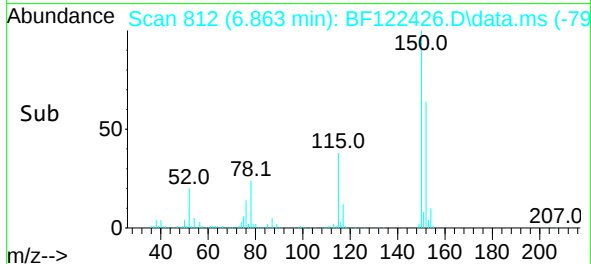
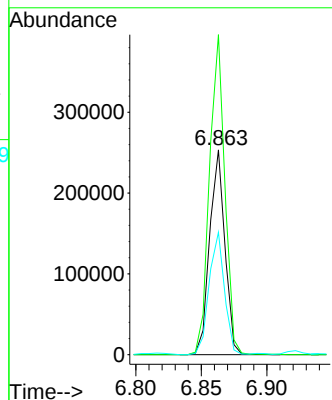
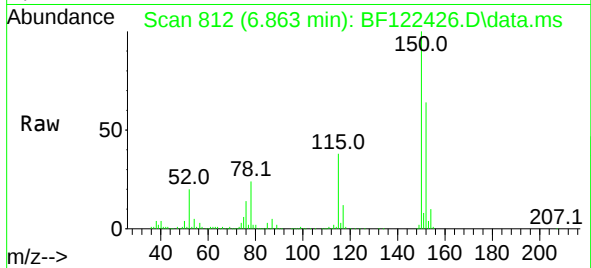




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

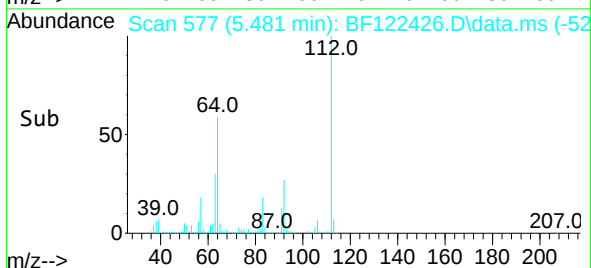
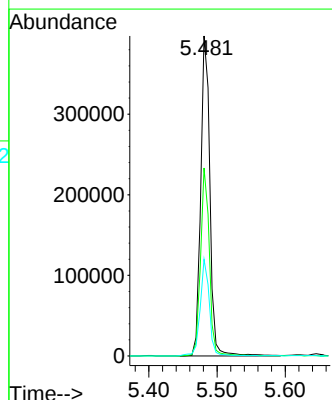
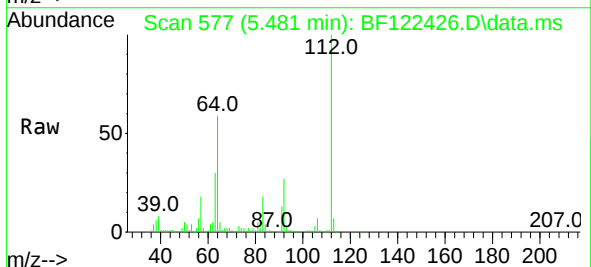
Instrument :
BNA_F
ClientSampleId :
MW-5

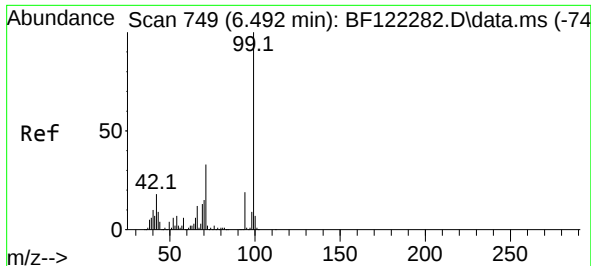
Tgt Ion:152 Resp: 205070
Ion Ratio Lower Upper
152 100
150 156.2 125.3 187.9
115 59.8 51.9 77.9



#5
2-Fluorophenol
Concen: 27.83 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:112 Resp: 371736
Ion Ratio Lower Upper
112 100
64 58.8 50.4 75.6
63 30.2 25.8 38.6

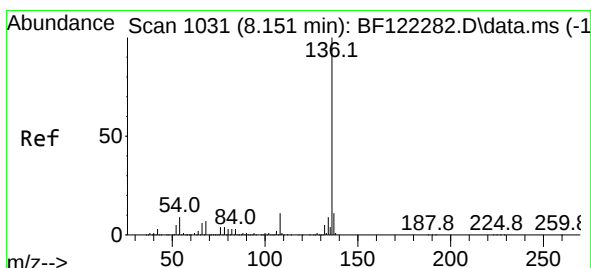
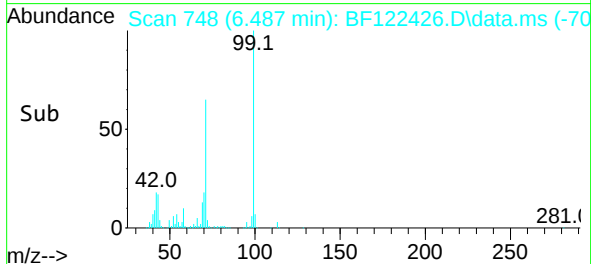
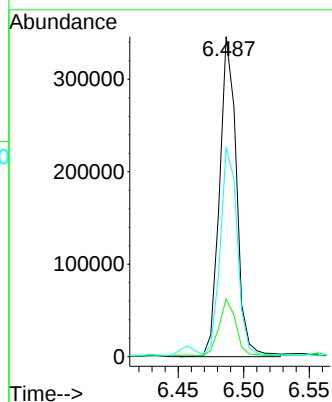
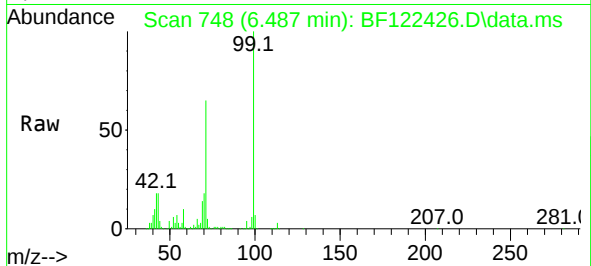




#7
Phenol-d6
Concen: 17.83 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.024 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

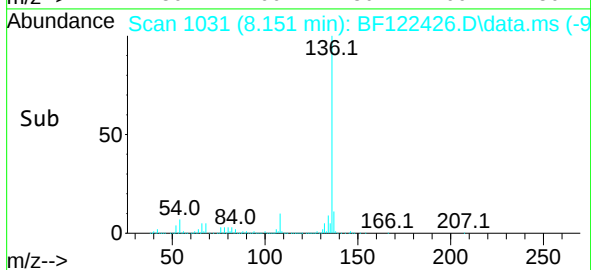
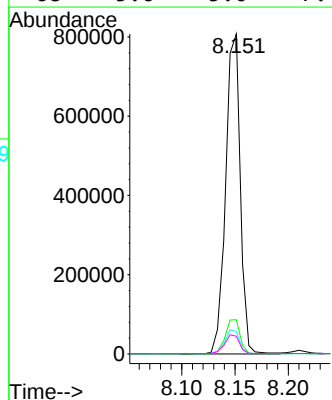
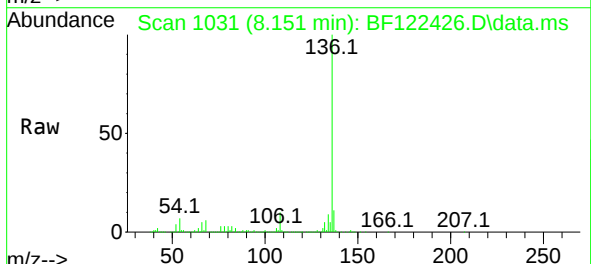
Instrument :
BNA_F
ClientSampled :
MW-5

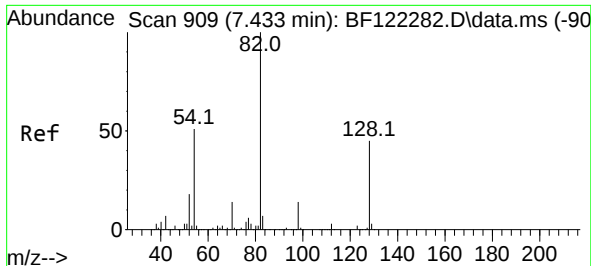
Tgt Ion: 99 Resp: 311490
Ion Ratio Lower Upper
99 100
42 18.0 15.9 23.9
71 65.2 27.1 40.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:136 Resp: 770522
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.0 7.1 10.7#
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 98.62 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF122426.D

Acq: 21 Nov 2020 18:08

Instrument :

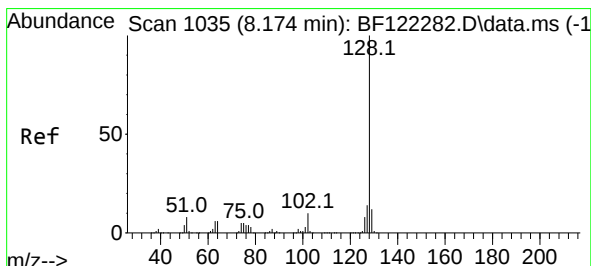
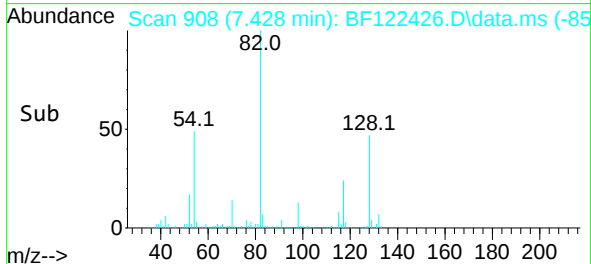
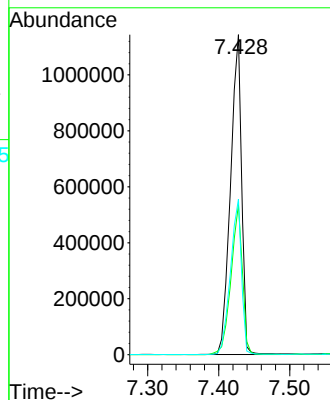
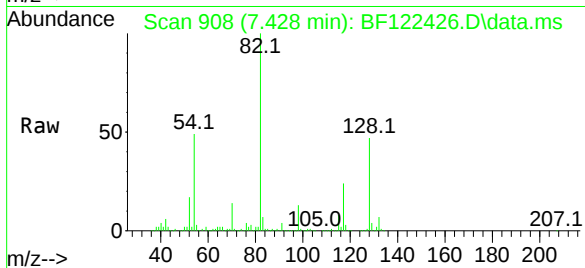
BNA_F

ClientSampleId :

MW-5

Tgt Ion: 82 Resp: 1241295

Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.0	52.4
54	48.6	43.9	65.9



#31

Naphthalene

Concen: 5.49 ng

RT: 8.169 min Scan# 1034

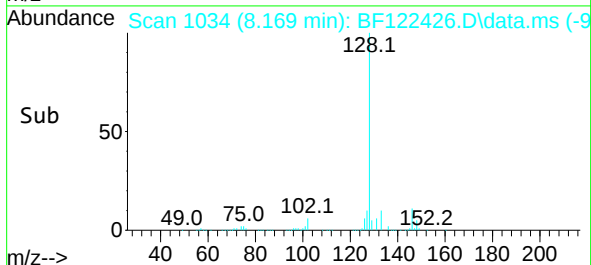
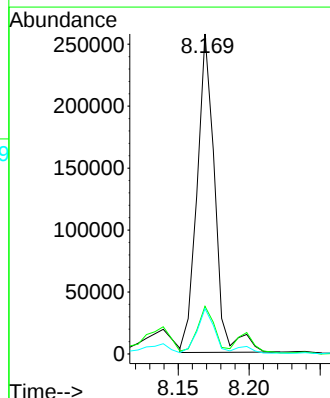
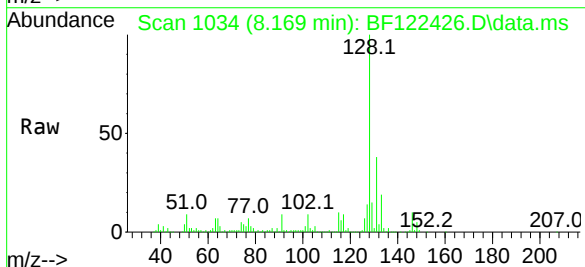
Delta R.T. -0.012 min

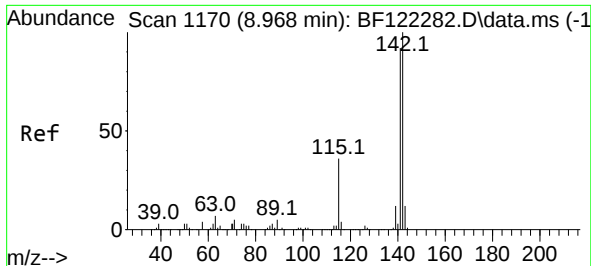
Lab File: BF122426.D

Acq: 21 Nov 2020 18:08

Tgt Ion: 128 Resp: 225050

Ion	Ratio	Lower	Upper
128	100		
129	14.9	8.7	13.1#
127	14.1	10.8	16.2

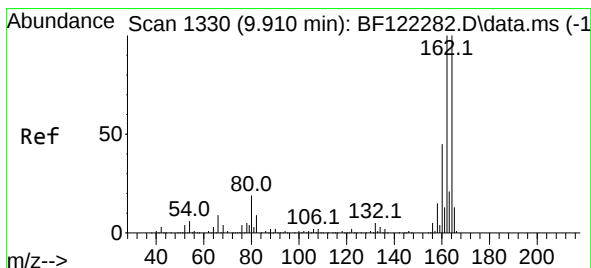
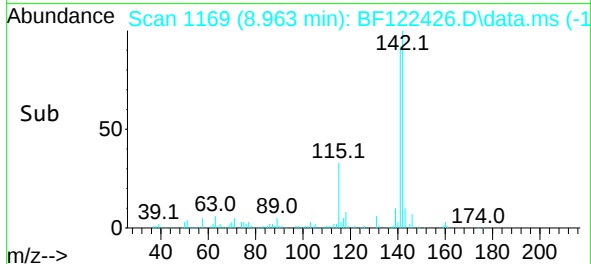
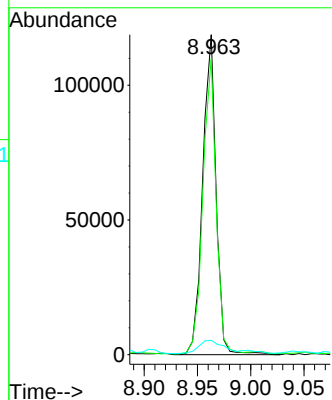
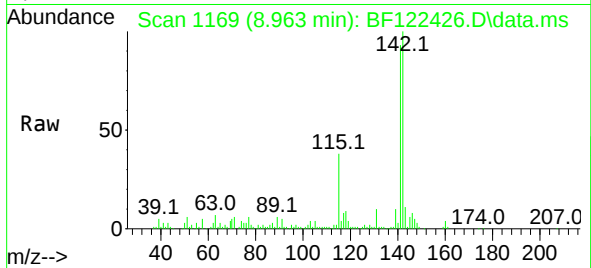




#38
1-Methylnaphthalene
Concen: 4.12 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

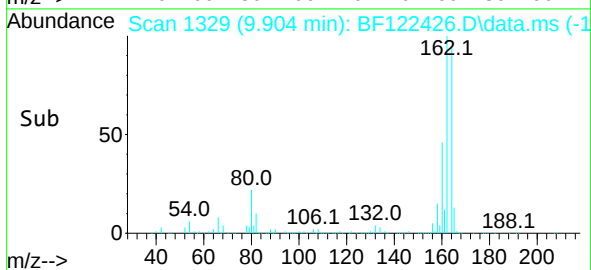
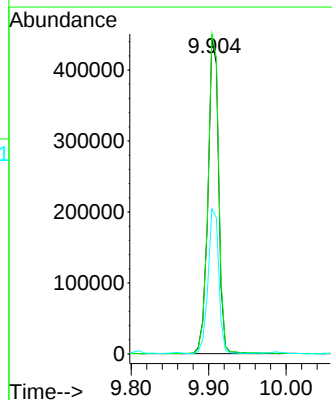
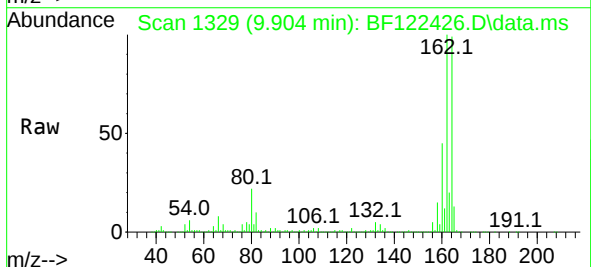
Instrument :
BNA_F
ClientSampled :
MW-5

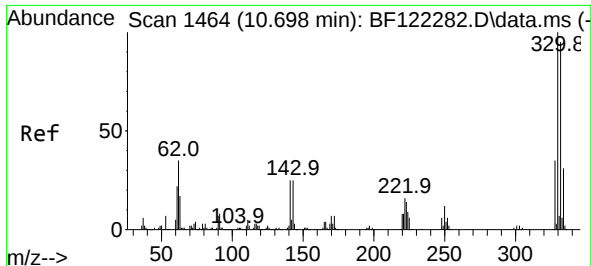
Tgt Ion:142 Resp: 104474
Ion Ratio Lower Upper
142 100
141 92.6 74.5 111.7
116 4.5 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:164 Resp: 425218
Ion Ratio Lower Upper
164 100
162 101.2 83.2 124.8
160 45.9 37.5 56.3

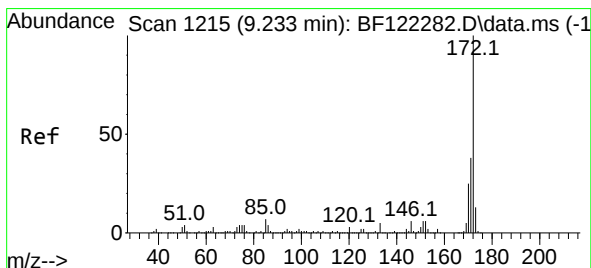
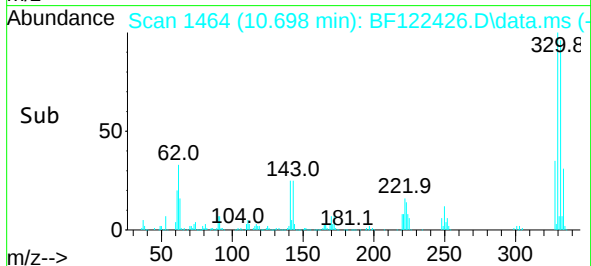
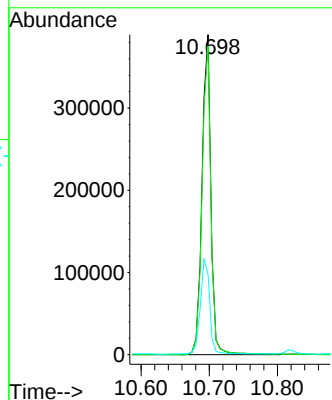
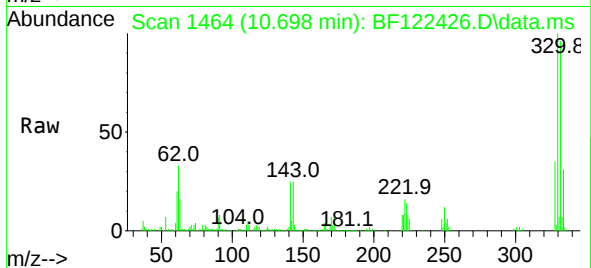




#42
2,4,6-Tribromophenol
Concen: 77.47 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

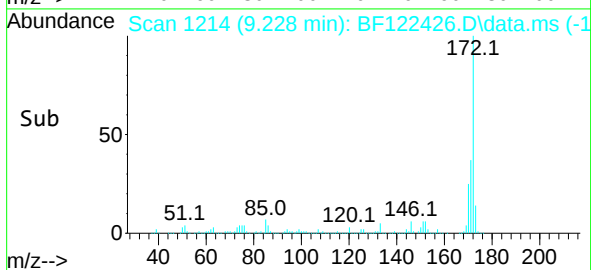
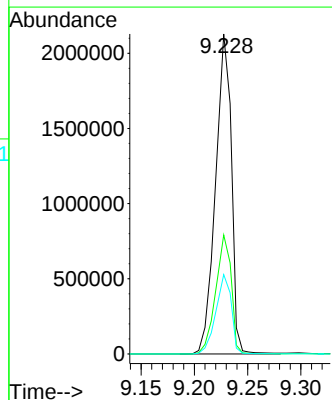
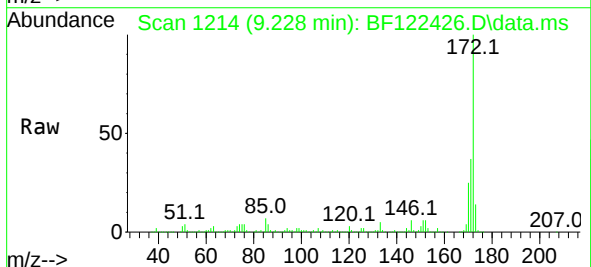
Instrument :
BNA_F
ClientSampled :
MW-5

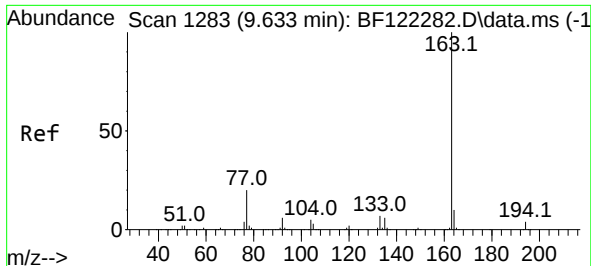
Tgt Ion: 330 Resp: 353550
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 31.6 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 80.71 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

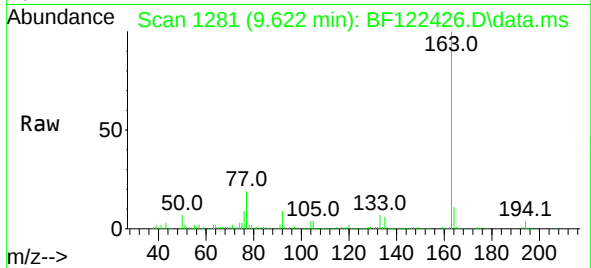
Tgt Ion: 172 Resp: 2196391
Ion Ratio Lower Upper
172 100
171 37.2 29.1 43.7
170 24.8 19.8 29.6



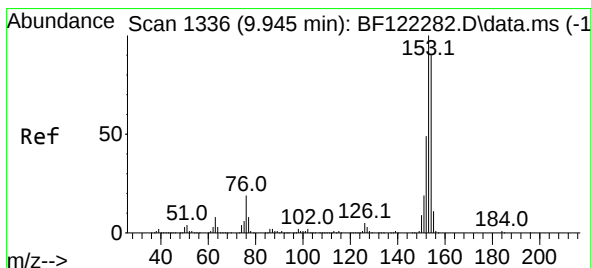
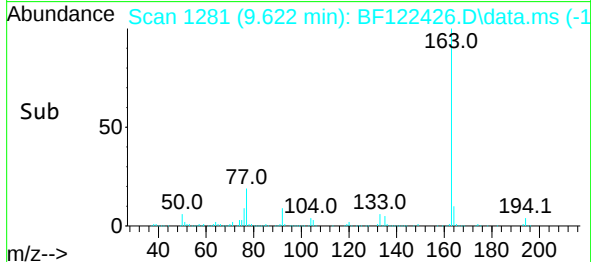
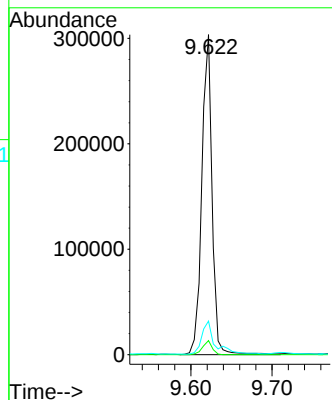


#50
Dimethylphthalate
Concen: 8.85 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Instrument :
BNA_F
ClientSampled :
MW-5

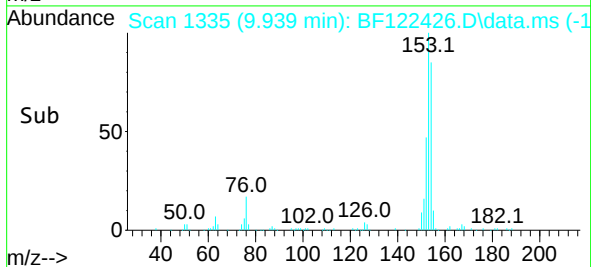
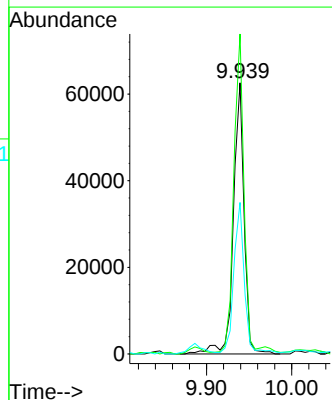
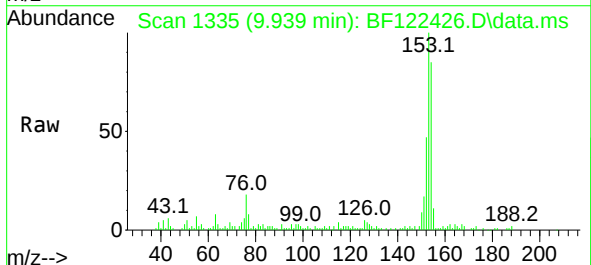


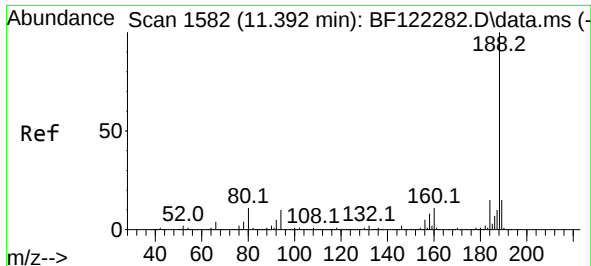
Tgt Ion:163 Resp: 267582
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.5 8.2 12.4



#52
Acenaphthene
Concen: 2.14 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:154 Resp: 54716
Ion Ratio Lower Upper
154 100
153 118.0 89.8 134.8
152 55.9 43.2 64.8

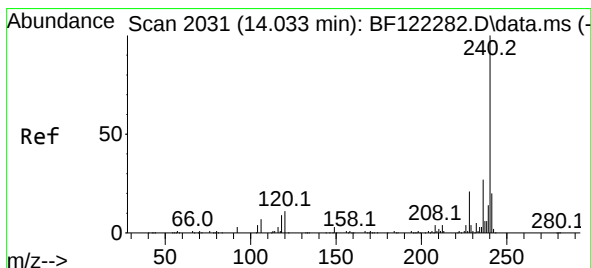
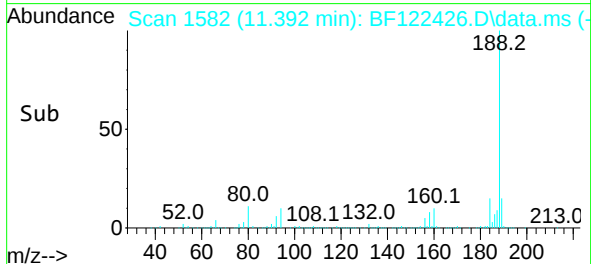
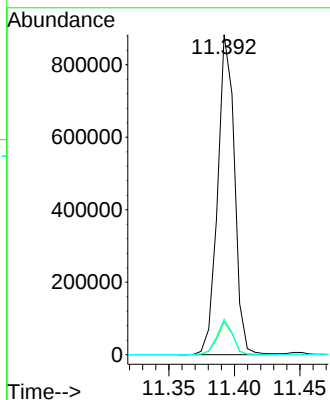
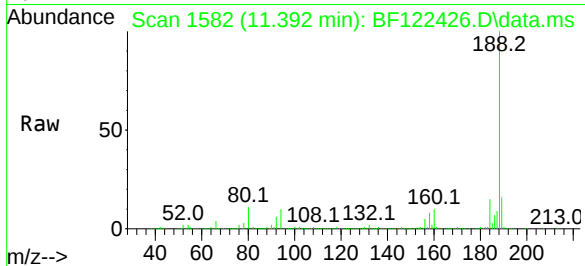




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

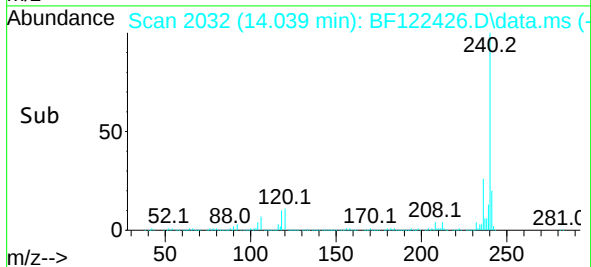
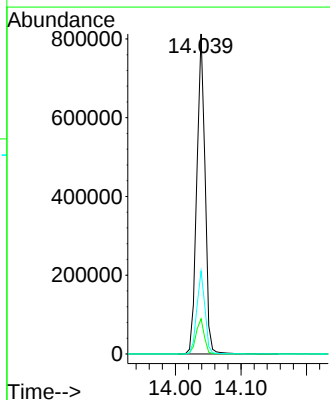
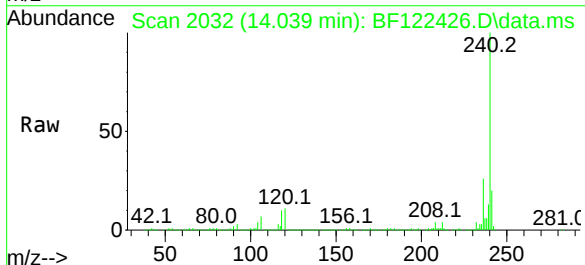
Instrument :
BNA_F
ClientSampleId :
MW-5

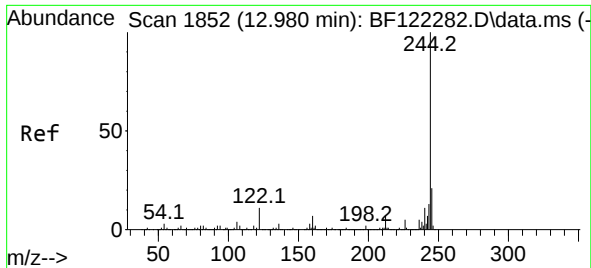
Tgt Ion:188 Resp: 787195
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.1 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:240 Resp: 714830
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.9 20.9 31.3

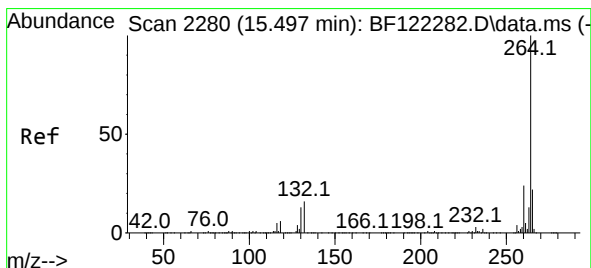
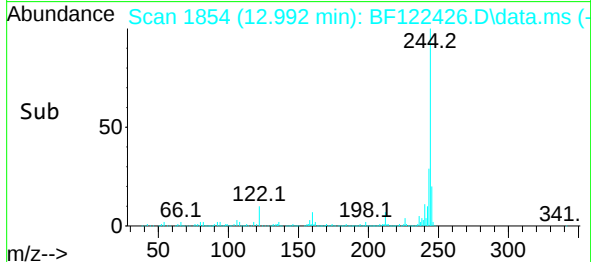
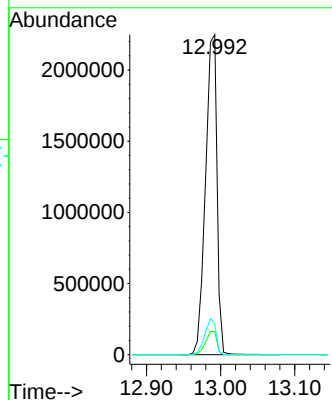
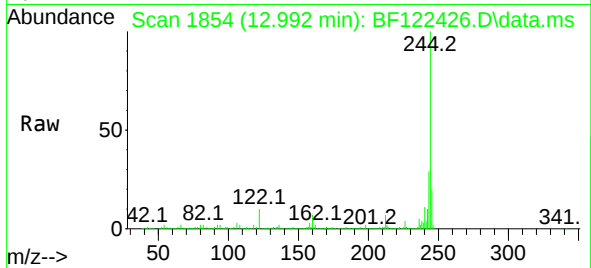




#79
Terphenyl-d14
Concen: 72.01 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Instrument :
BNA_F
ClientSampled :
MW-5

Tgt Ion:244 Resp: 2429661
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.6 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: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:264 Resp: 644975
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 22.2 17.3 25.9

