

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128634.D
 Acq On : 01 Jun 2022 20:52
 Operator : CG\JU
 Sample : N3087-06DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06DL

Quant Time: Jun 02 09:37:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

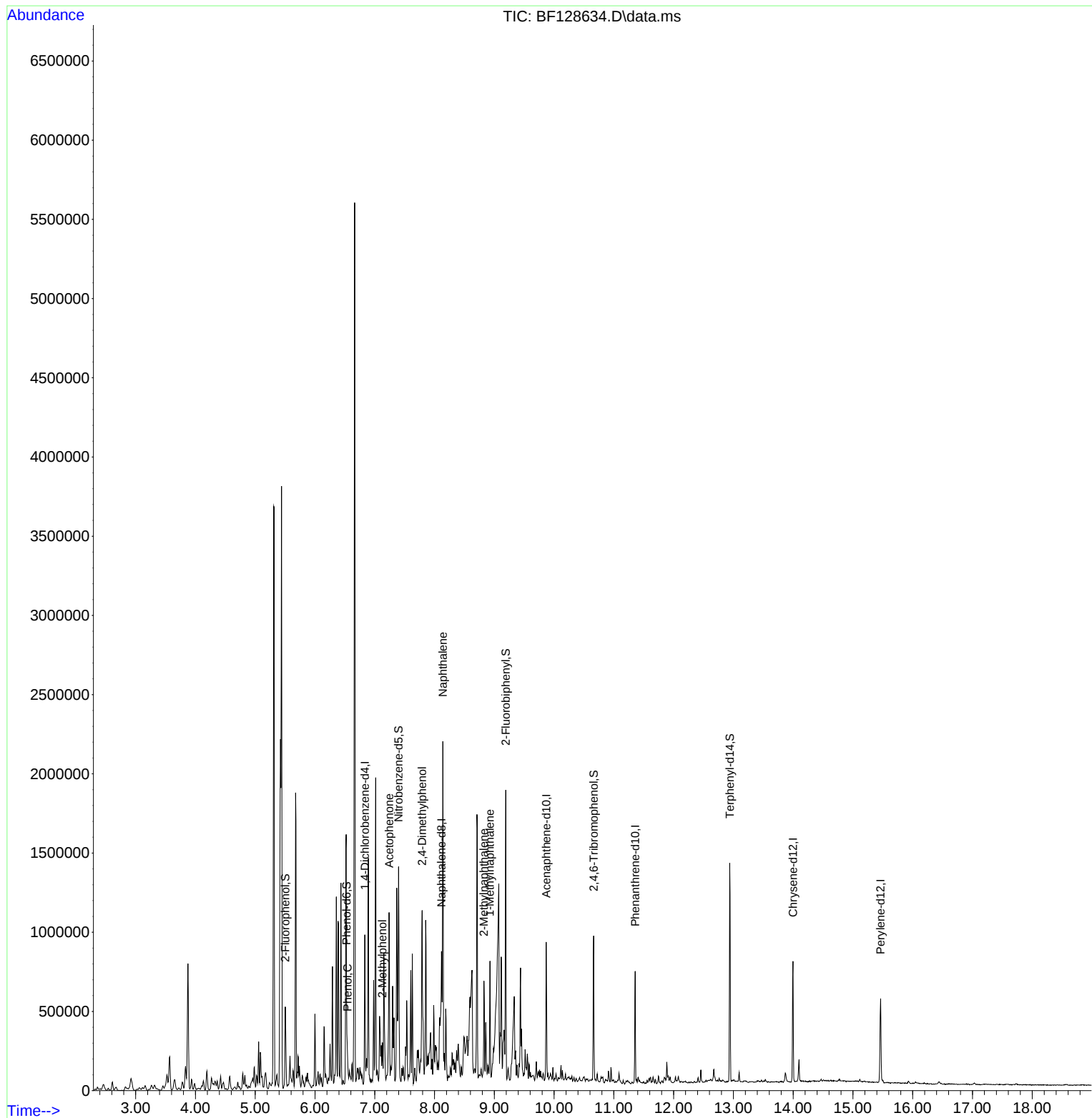
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	102522	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	313523	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	156163	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	236323	20.000	ng	#-0.01
76) Chrysene-d12	13.998	240	250908	20.000	ng	#-0.01
86) Perylene-d12	15.462	264	233828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	129830	20.976	ng	0.05
7) Phenol-d6	6.528	99	96955	12.286	ng	0.06
23) Nitrobenzene-d5	7.398	82	239225	44.017	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	96133	64.675	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	475728	49.492	ng	-0.01
79) Terphenyl-d14	12.939	244	460652	35.470	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.545	94	35554	4.547	ng	84
17) 2-Methylphenol	7.128	107	33885	6.203	ng	# 93
22) Acetophenone	7.239	105	331086	45.798	ng	# 92
27) 2,4-Dimethylphenol	7.792	122	144266	32.321	ng	93
31) Naphthalene	8.139	128	750221	48.890	ng	99
37) 2-Methylnaphthalene	8.828	142	133612	13.795	ng	98
38) 1-Methylnaphthalene	8.928	142	100363	10.654	ng	100

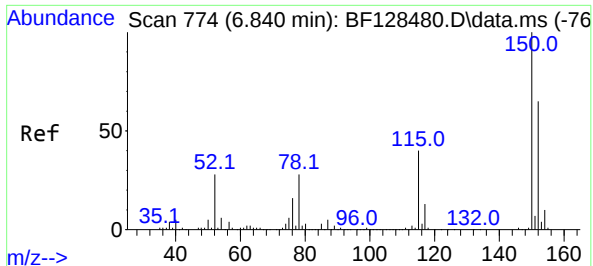
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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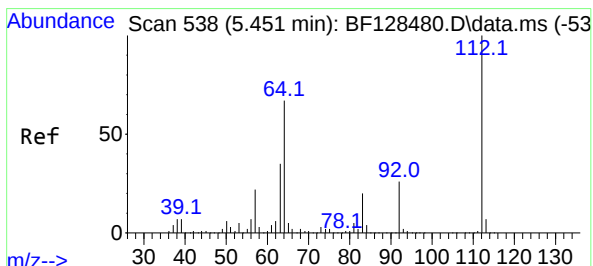
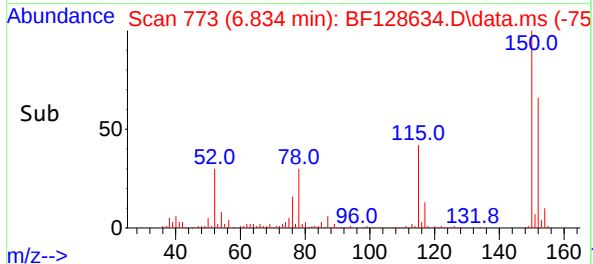
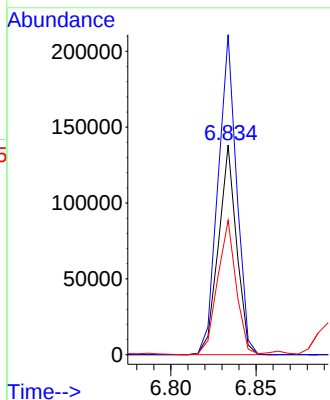
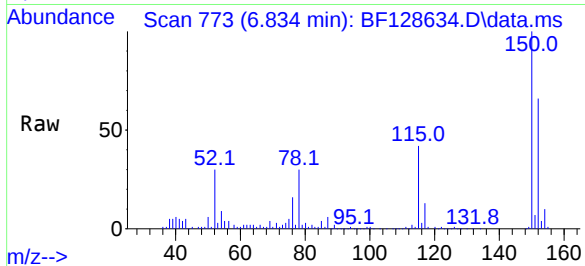




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

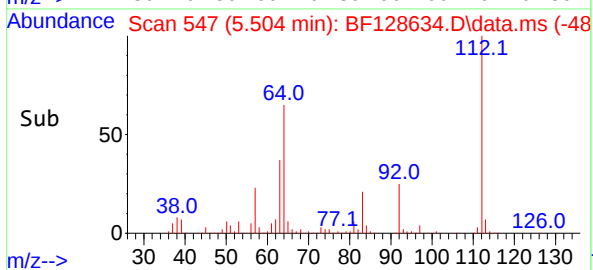
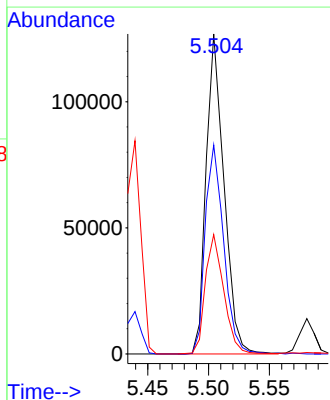
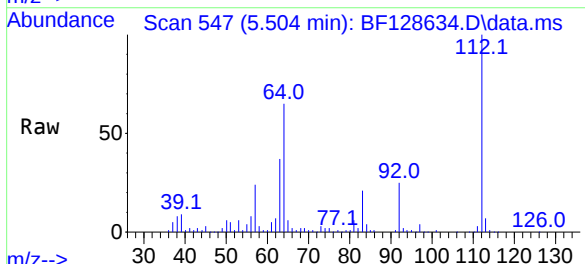
Instrument :
BNA_F
ClientSampleId :
MW-06DL

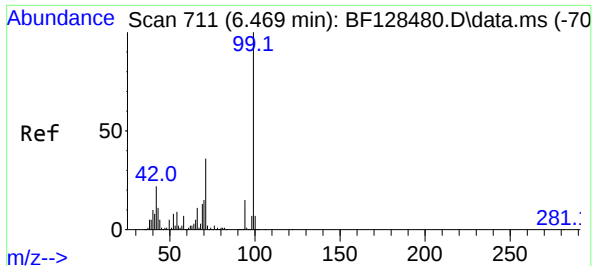
Tgt Ion:152 Resp: 102522
Ion Ratio Lower Upper
152 100
150 152.6 123.7 185.5
115 64.1 49.9 74.9



#5
2-Fluorophenol
Concen: 20.976 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.053 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Tgt Ion:112 Resp: 129830
Ion Ratio Lower Upper
112 100
64 65.3 53.3 79.9
63 37.3 28.0 42.0

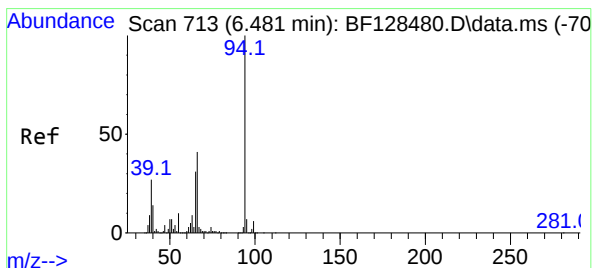
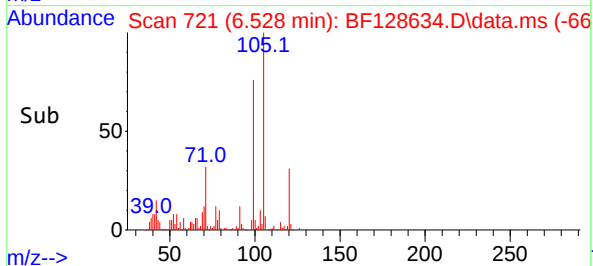
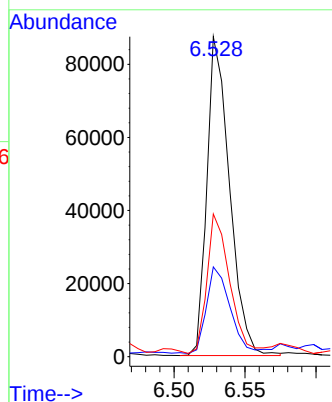
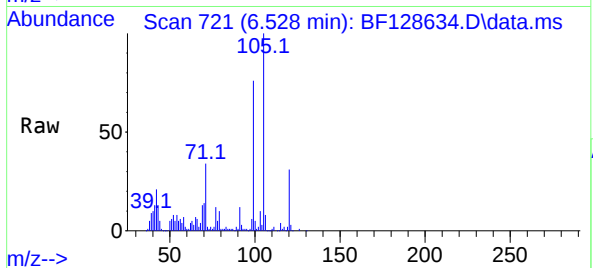




#7
Phenol-d6
Concen: 12.286 ng
RT: 6.528 min Scan# 711
Delta R.T. 0.059 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

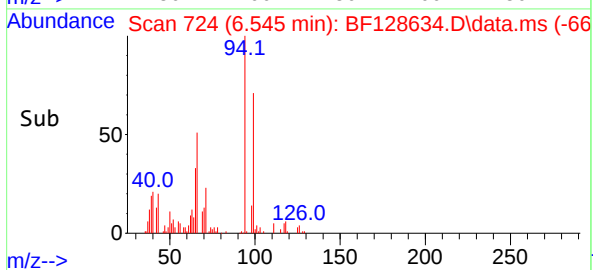
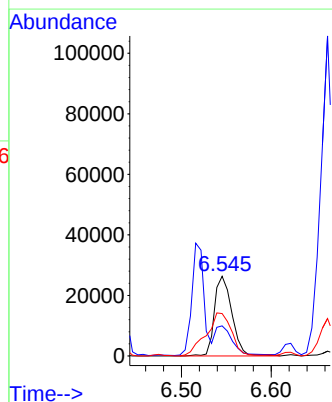
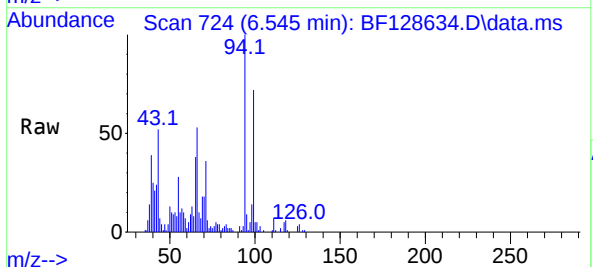
Instrument :
BNA_F
ClientSampleId :
MW-06DL

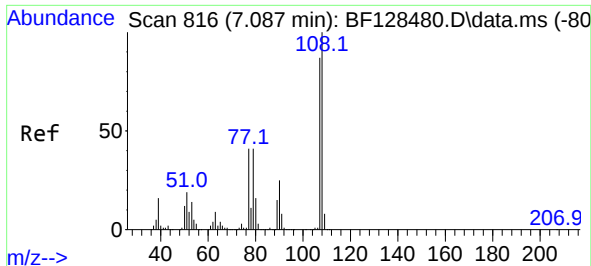
Tgt Ion: 99 Resp: 96955
Ion Ratio Lower Upper
99 100
42 28.1 17.3 25.9#
71 44.6 28.9 43.3#



#10
Phenol
Concen: 4.547 ng
RT: 6.545 min Scan# 724
Delta R.T. 0.065 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Tgt Ion: 94 Resp: 35554
Ion Ratio Lower Upper
94 100
65 37.8 11.4 51.4
66 53.2 21.4 61.4



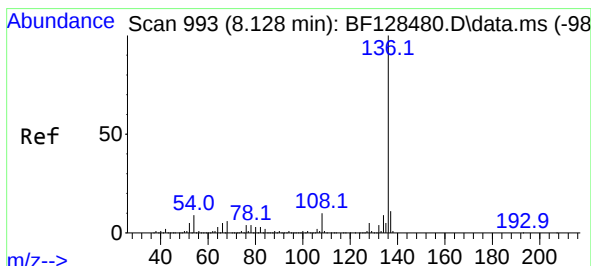
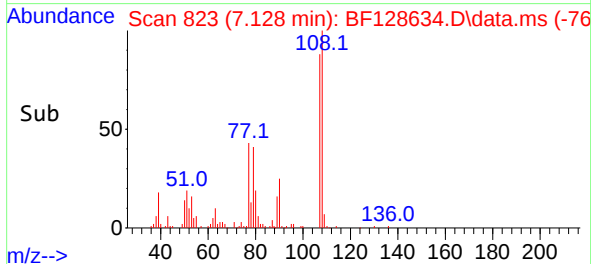
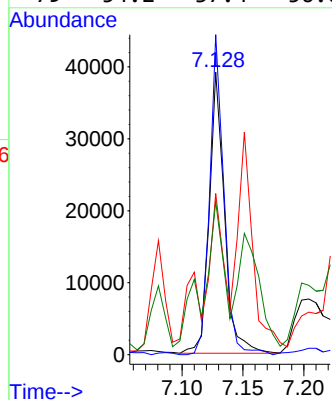
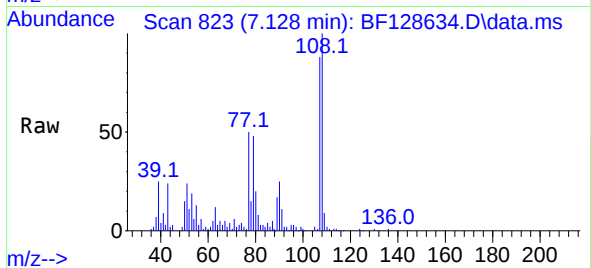


#17
2-Methylphenol
Concen: 6.203 ng
RT: 7.128 min Scan# 816
Delta R.T. 0.041 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Instrument :
BNA_F
ClientSampleId :
MW-06DL

Tgt Ion:107 Resp: 33885

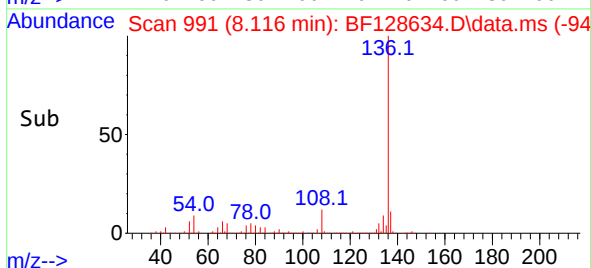
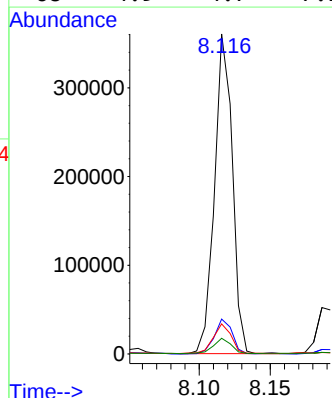
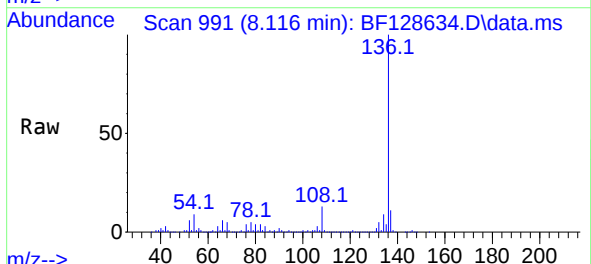
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.9	137.9
77	57.0	37.8	56.8#
79	54.2	37.4	56.0

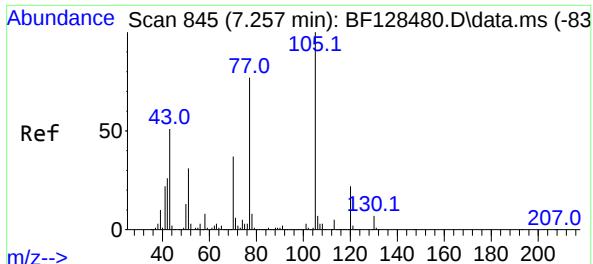


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Tgt Ion:136 Resp: 313523

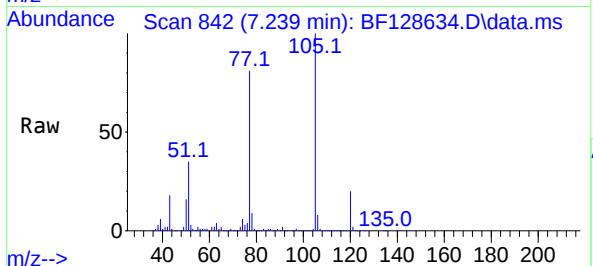
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.4	7.5	11.3
68	4.9	4.7	7.1



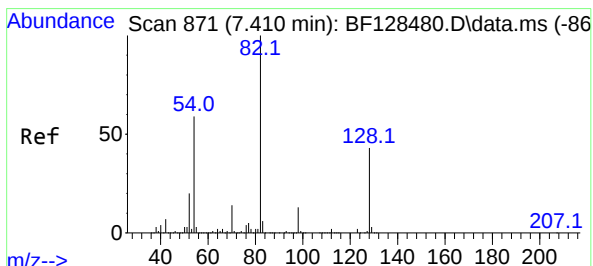
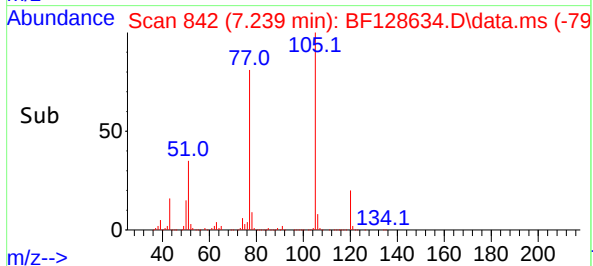
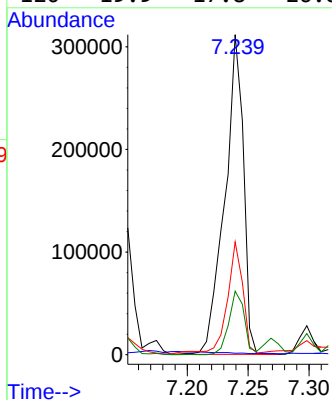


#22
Acetophenone
Concen: 45.798 ng
RT: 7.239 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Instrument :
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ClientSampleId :
MW-06DL

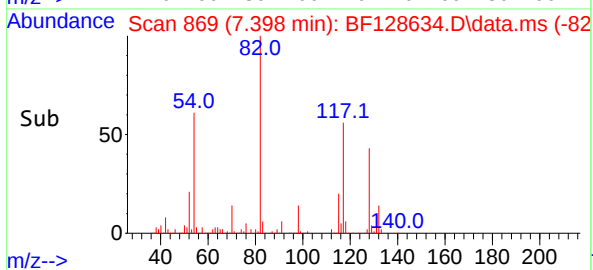
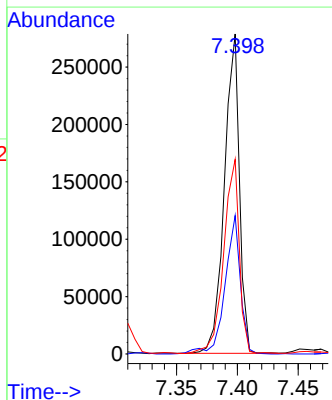
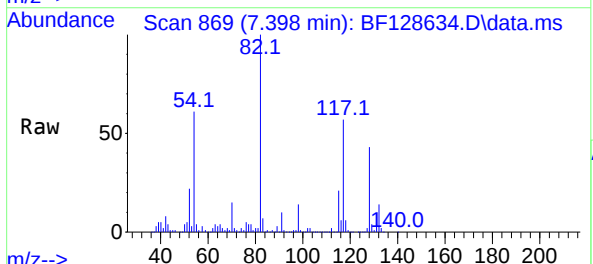


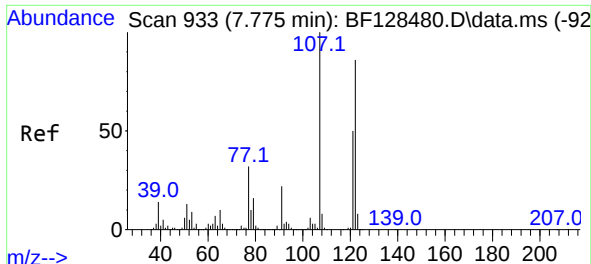
Tgt Ion:105 Resp: 331086
Ion Ratio Lower Upper
105 100
71 0.5 5.0 7.4#
51 35.3 25.0 37.4
120 19.9 17.8 26.8



#23
Nitrobenzene-d5
Concen: 44.017 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

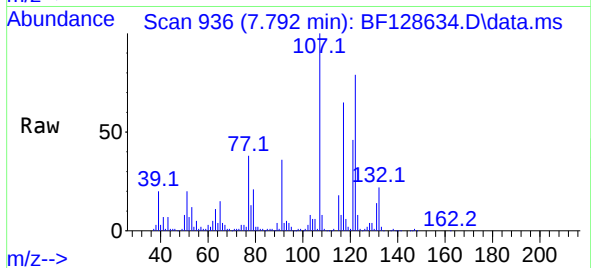
Tgt Ion: 82 Resp: 239225
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 60.8 46.9 70.3



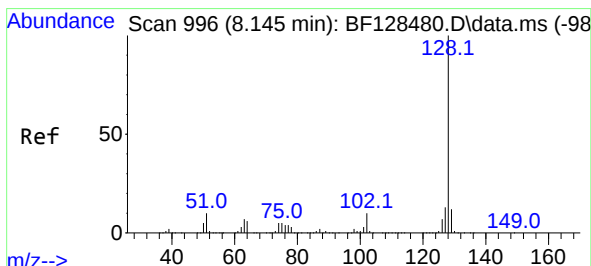
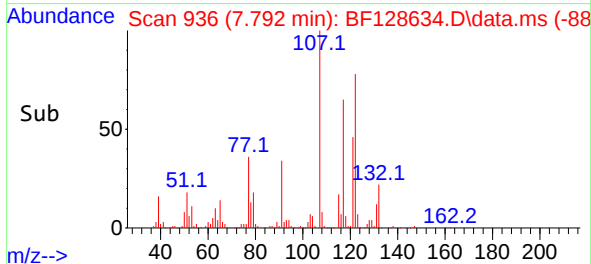
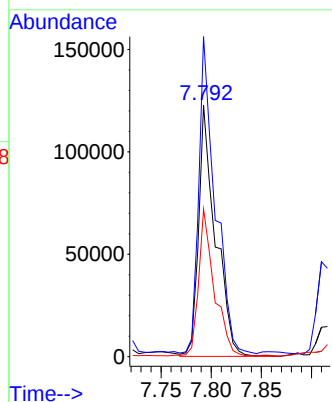


#27
2,4-Dimethylphenol
Concen: 32.321 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.017 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Instrument :
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ClientSampleId :
MW-06DL

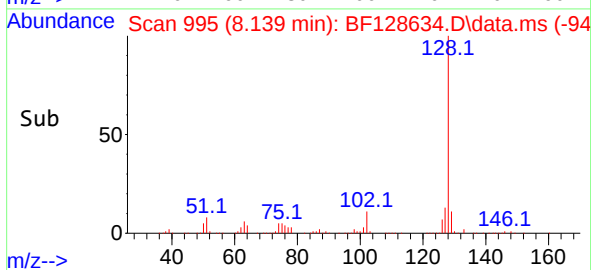
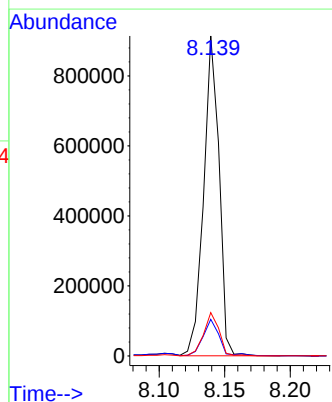
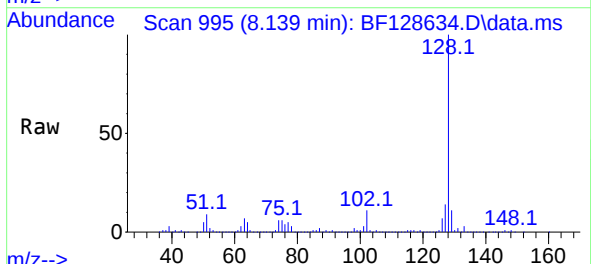


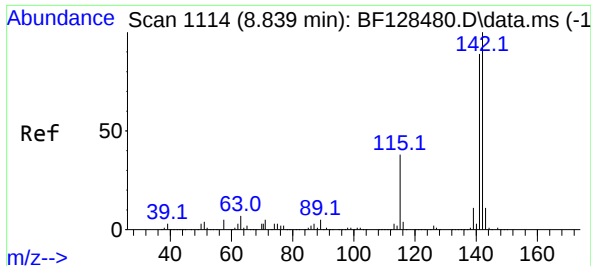
Tgt Ion:122 Resp: 144266
Ion Ratio Lower Upper
122 100
107 127.2 93.0 139.6
121 58.7 46.6 70.0



#31
Naphthalene
Concen: 48.890 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Tgt Ion:128 Resp: 750221
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.6 10.5 15.7





#37

2-Methylnaphthalene

Concen: 13.795 ng

RT: 8.828 min Scan# 1112

Delta R.T. -0.012 min

Lab File: BF128634.D

Acq: 01 Jun 2022 20:52

Instrument :

BNA_F

ClientSampleId :

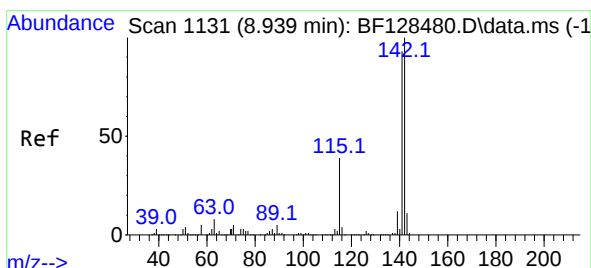
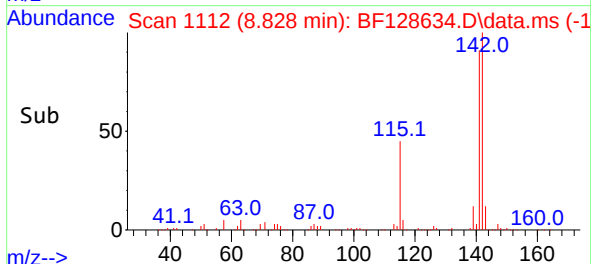
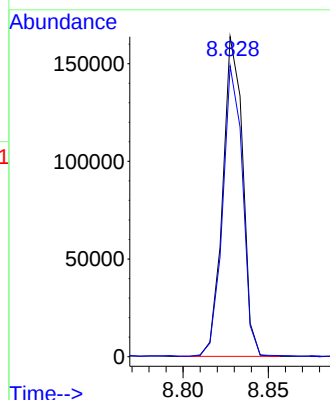
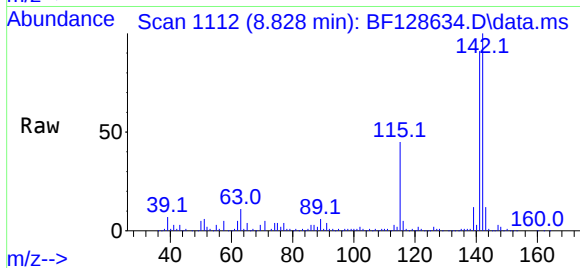
MW-06DL

Tgt Ion:142 Resp: 133612

Ion Ratio Lower Upper

142 100

141 90.9 71.0 106.4



#38

1-Methylnaphthalene

Concen: 10.654 ng

RT: 8.928 min Scan# 1129

Delta R.T. -0.012 min

Lab File: BF128634.D

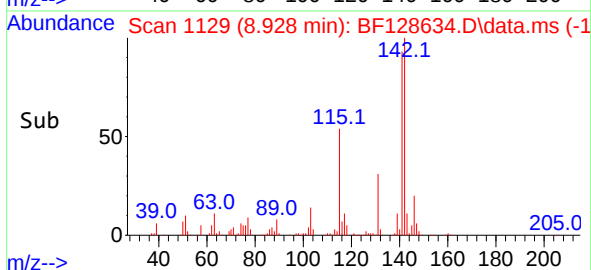
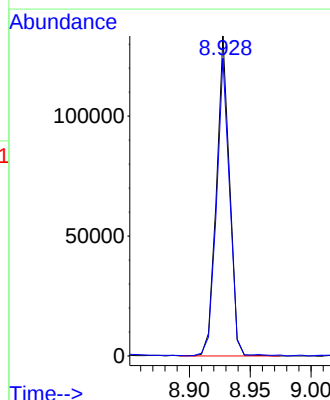
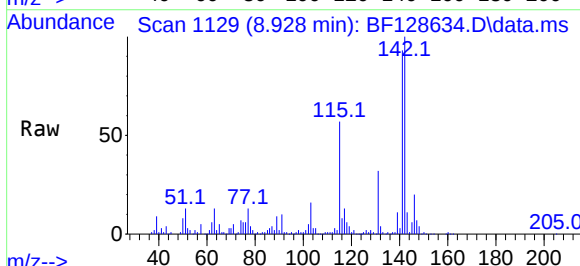
Acq: 01 Jun 2022 20:52

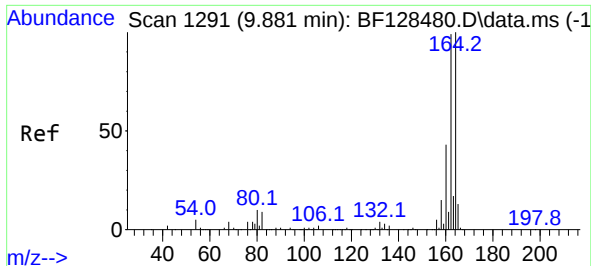
Tgt Ion:142 Resp: 100363

Ion Ratio Lower Upper

142 100

141 93.1 74.2 111.4

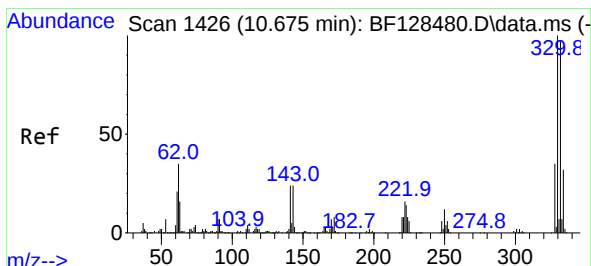
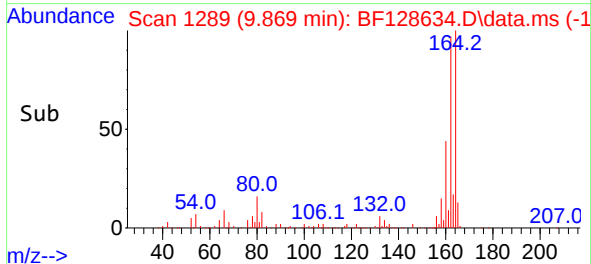
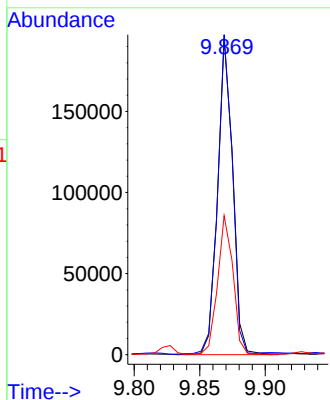
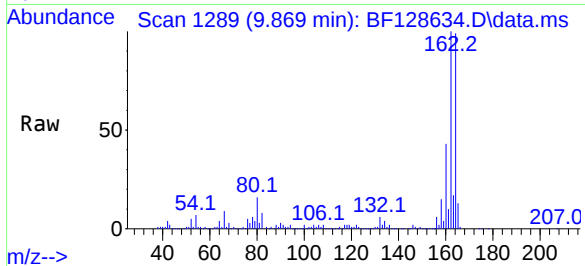




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

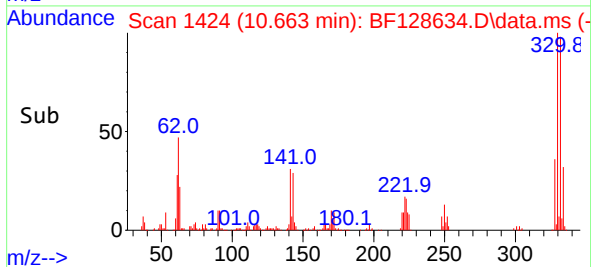
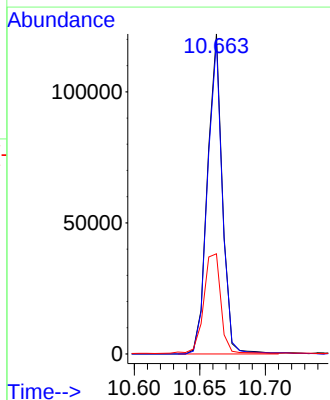
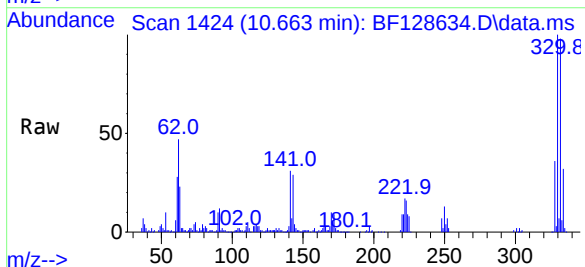
Instrument :
BNA_F
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MW-06DL

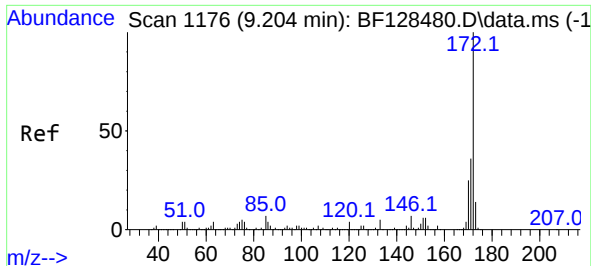
Tgt Ion:164 Resp: 156163
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 43.9 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 64.675 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Tgt Ion:330 Resp: 96133
Ion Ratio Lower Upper
330 100
332 98.1 76.8 115.2
141 35.9 28.0 42.0

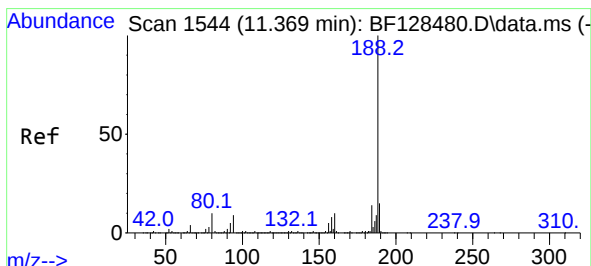
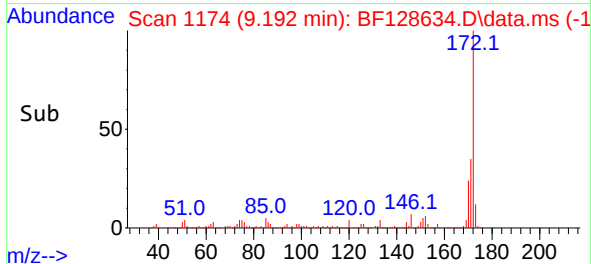
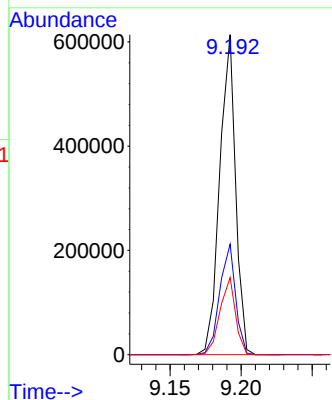
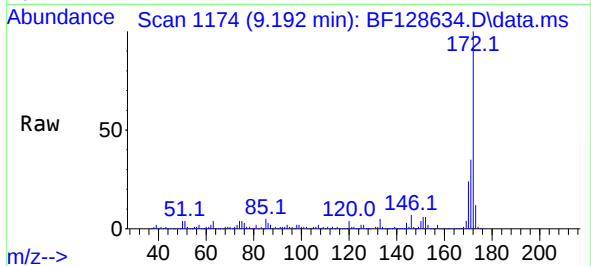




#45
2-Fluorobiphenyl
Concen: 49.492 ng
RT: 9.192 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

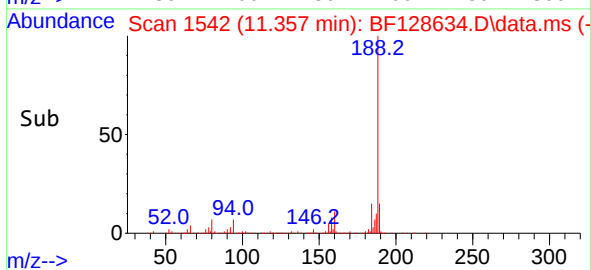
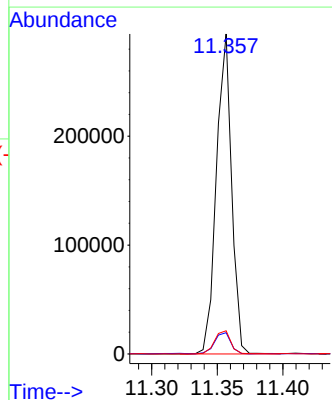
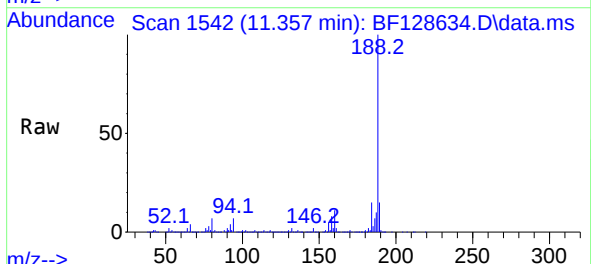
Instrument :
BNA_F
ClientSampleId :
MW-06DL

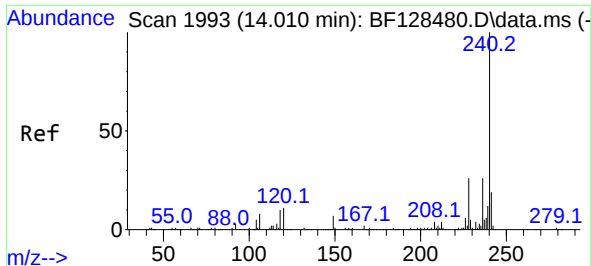
Tgt Ion:172 Resp: 475728
Ion Ratio Lower Upper
172 100
171 34.5 28.8 43.2
170 24.1 19.8 29.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Tgt Ion:188 Resp: 236323
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 7.3 7.6 11.4#

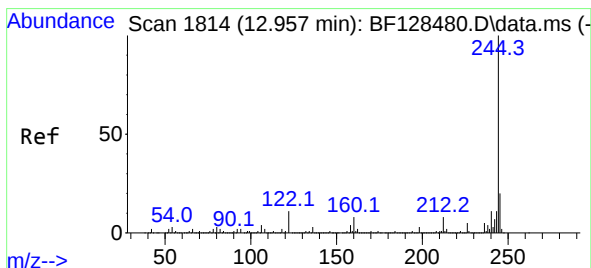
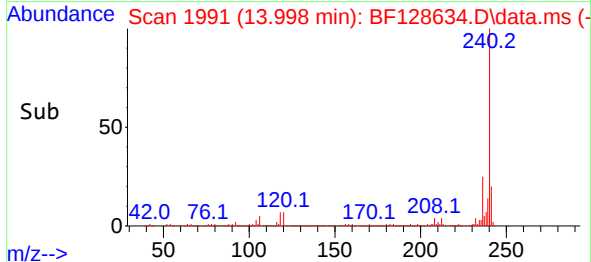
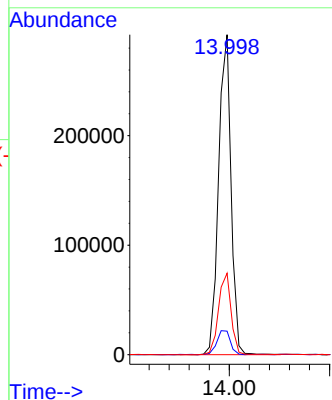
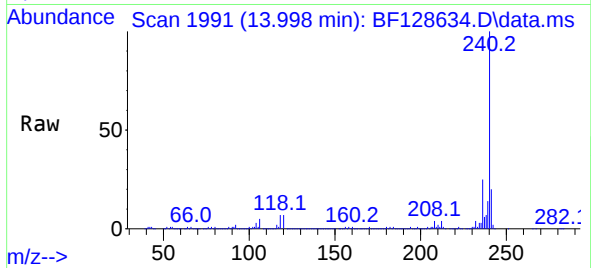




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

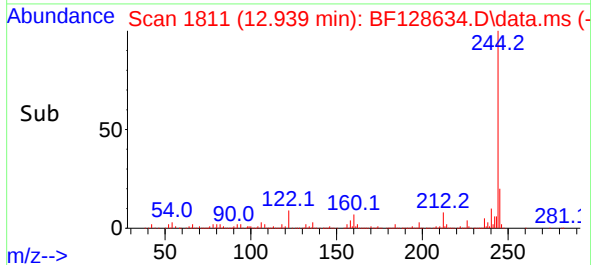
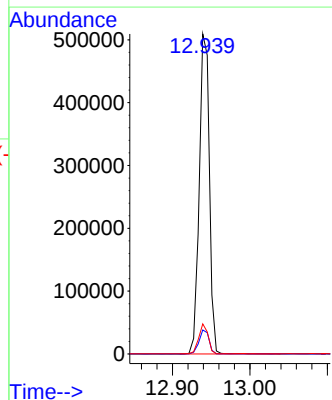
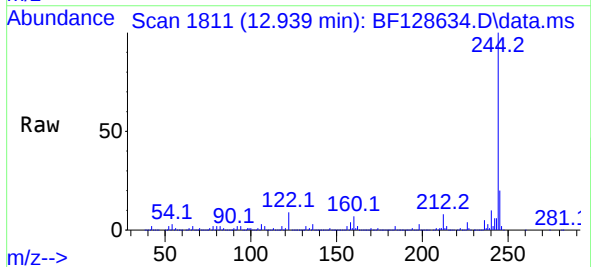
Instrument :
BNA_F
ClientSampleId :
MW-06DL

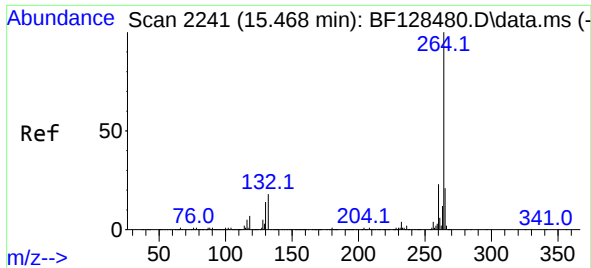
Tgt Ion:240 Resp: 250908
Ion Ratio Lower Upper
240 100
120 7.4 8.9 13.3#
236 25.4 20.8 31.2



#79
Terphenyl-d14
Concen: 35.470 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.018 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Tgt Ion:244 Resp: 460652
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 9.4 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128634.D
 Acq: 01 Jun 2022 20:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-06DL

Tgt Ion:264 Resp: 233828
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.7 17.2 25.8

