

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)

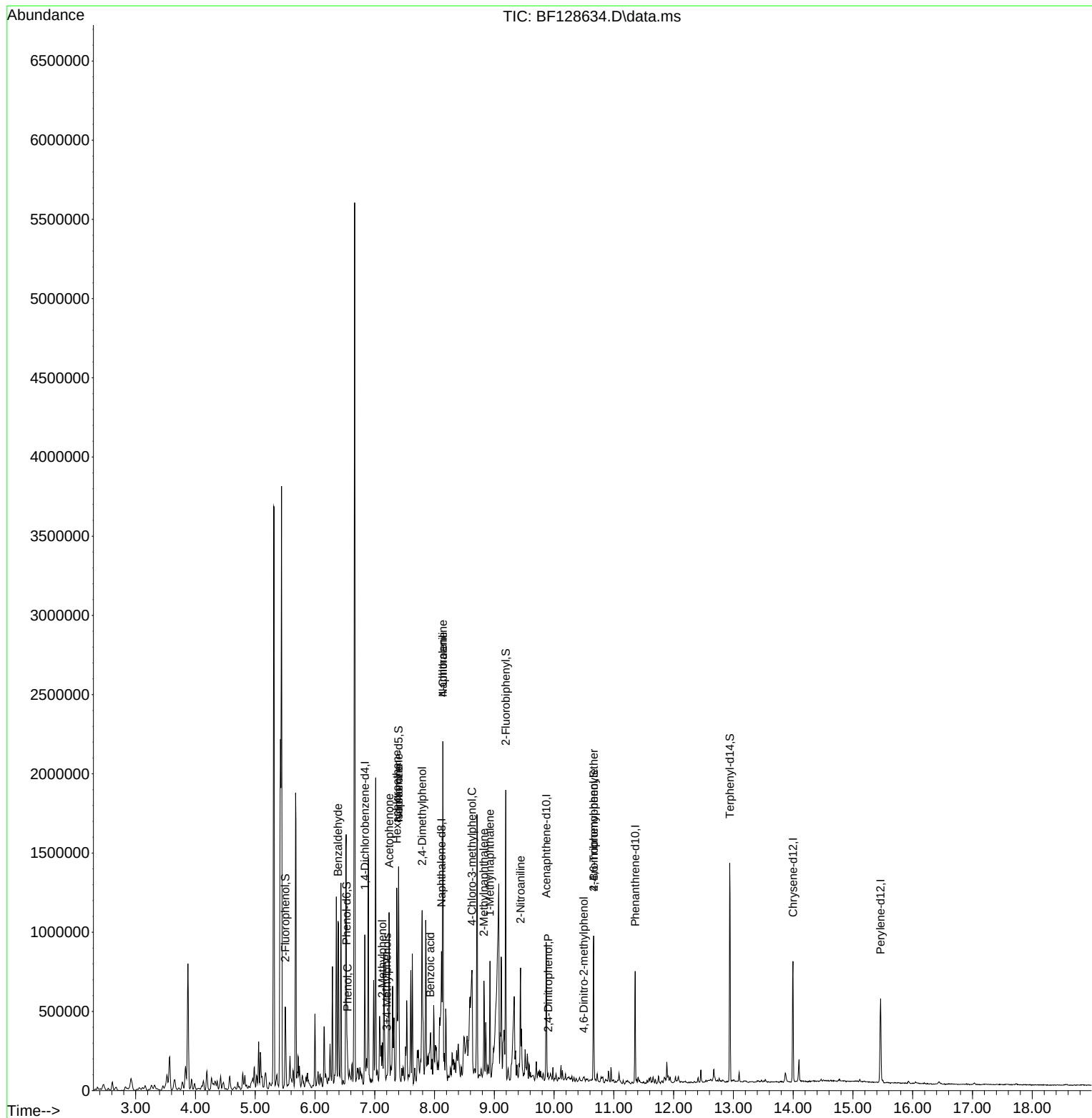
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	102522	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	313523	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	156163	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	236323	20.000	ng	#-0.01
76) Chrysene-d12	13.998	240	250908	20.000	ng	#-0.01
86) 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
9) Benzaldehyde	6.386	77	45391	4.377	ng	# 1
10) Phenol	6.545	94	35554	4.547	ng	84
17) 2-Methylphenol	7.128	107	33885	6.203	ng	# 93
18) Hexachloroethane	7.369	117	69664	26.777	ng	# 1
20) 3+4-Methylphenols	7.204	107	18337	2.779	ng	# 34
22) Acetophenone	7.239	105	331086	45.798	ng	# 92
25) Isophorone	7.398	82	238072	23.746	ng	# 66
27) 2,4-Dimethylphenol	7.792	122	144266	32.321	ng	93
31) Naphthalene	8.139	128	750221	48.890	ng	99
32) Benzoic acid	7.928	122	31128	9.865	ng	# 77
33) 4-Chloroaniline	8.139	127	102454	16.769	ng	# 36
36) 4-Chloro-3-methylphenol	8.628	107	29949	6.311	ng	# 29
37) 2-Methylnaphthalene	8.828	142	133612	13.795	ng	98
38) 1-Methylnaphthalene	8.928	142	100363	10.654	ng	100
48) 2-Nitroaniline	9.439	65	19194	8.019	ng	# 41
54) 2,4-Dinitrophenol	9.904	184	385	7.193	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.498	198	144	5.619	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	6366	2.607	ng	# 1

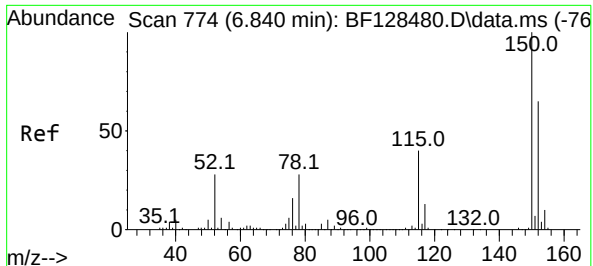
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

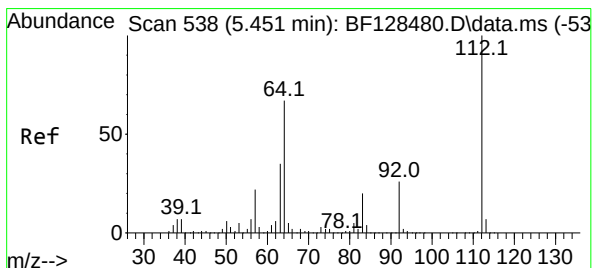
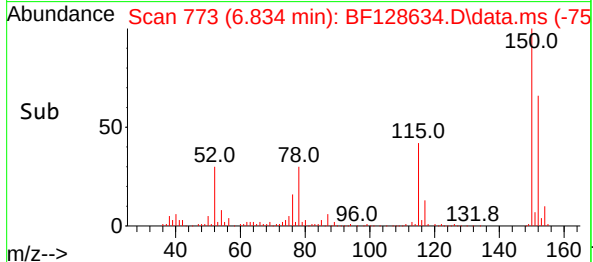
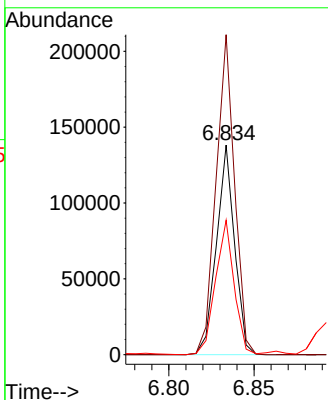
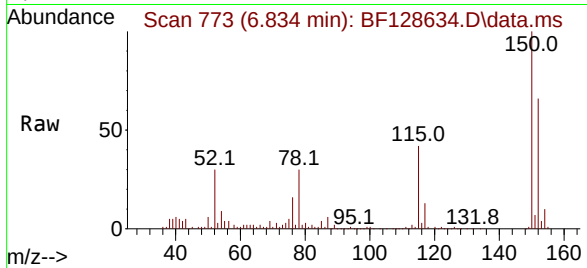




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

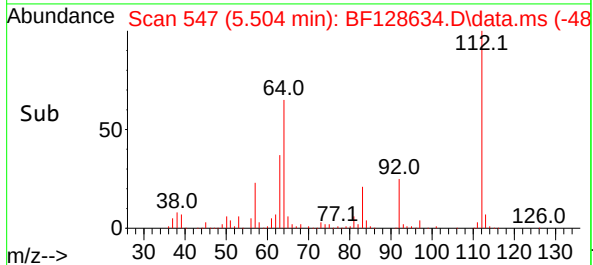
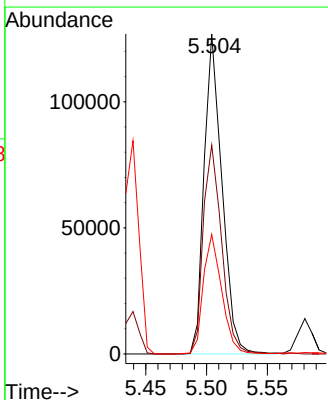
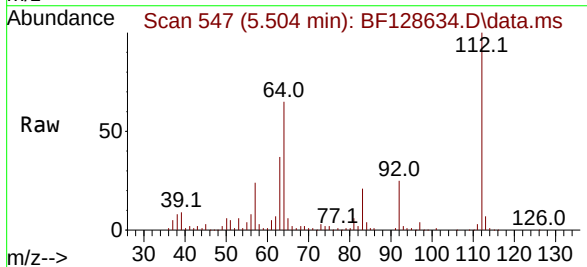
Instrument :
BNA_F
ClientSampleId :
MW-06DL

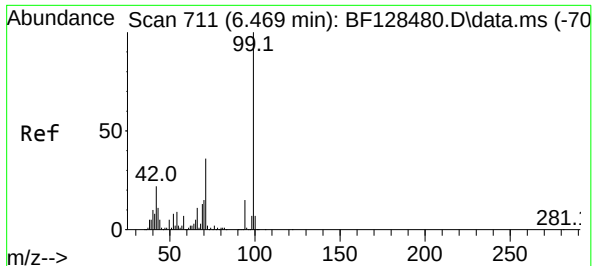
Tgt Ion:152 Resp: 102522
Ion Ratio Lower Upper
152 100
150 152.6 123.7 185.5
115 64.1 49.9 74.9



#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

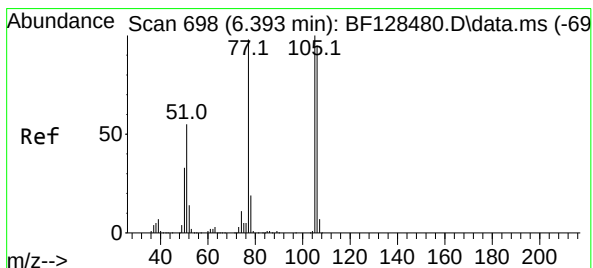
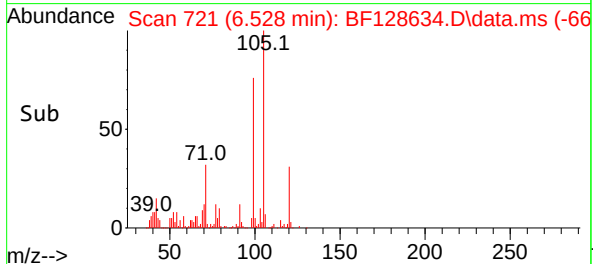
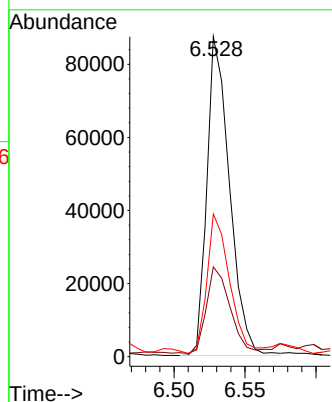
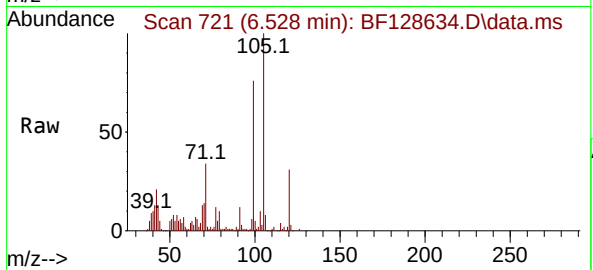




#7
Phenol-d6
Concen: 12.286 ng
RT: 6.528 min Scan# 711
Delta R.T. 0.059 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

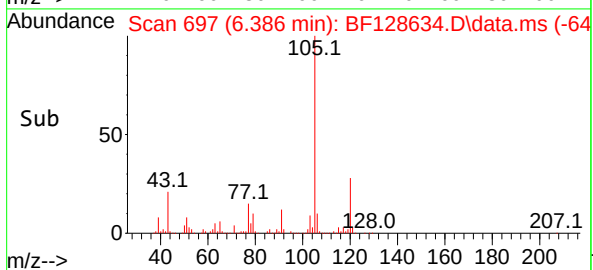
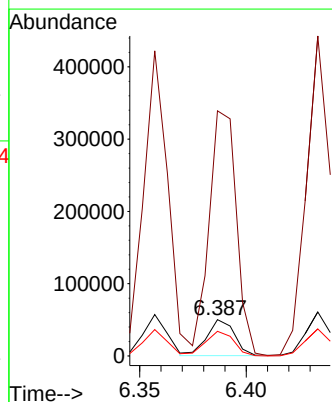
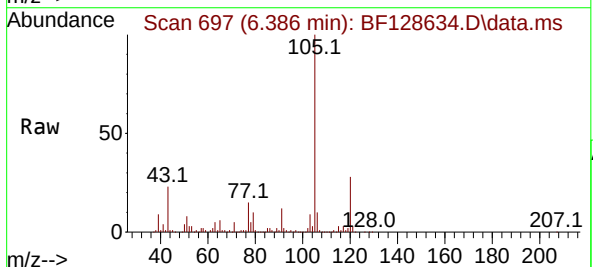
Instrument :
BNA_F
ClientSampleId :
MW-06DL

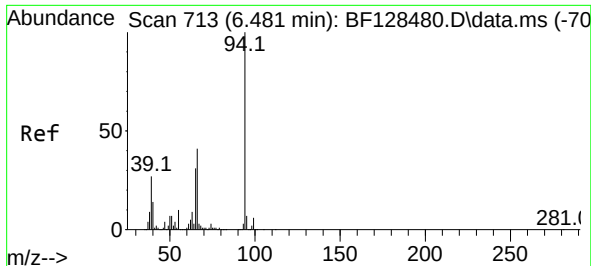
Tgt Ion: 99 Resp: 96955
Ion Ratio Lower Upper
99 100
42 28.1 17.3 25.9#
71 44.6 28.9 43.3#



#9
Benzaldehyde
Concen: 4.377 ng
RT: 6.386 min Scan# 697
Delta R.T. -0.006 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Tgt Ion: 77 Resp: 45391
Ion Ratio Lower Upper
77 100
105 675.7 81.6 121.6#
106 68.1 76.1 116.1#

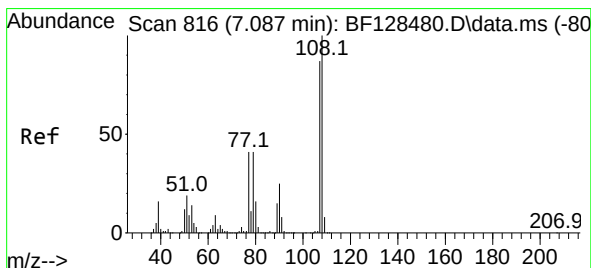
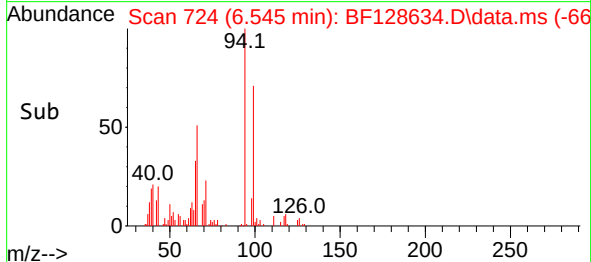
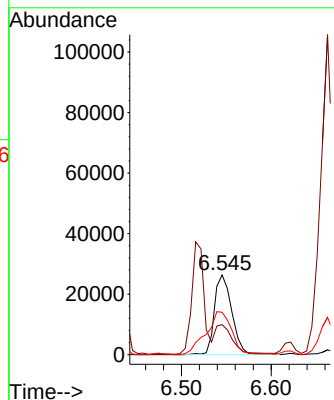
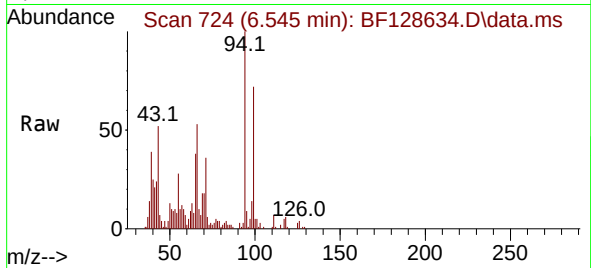




#10
Phenol
Concen: 4.547 ng
RT: 6.545 min Scan# 713
Delta R.T. 0.065 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

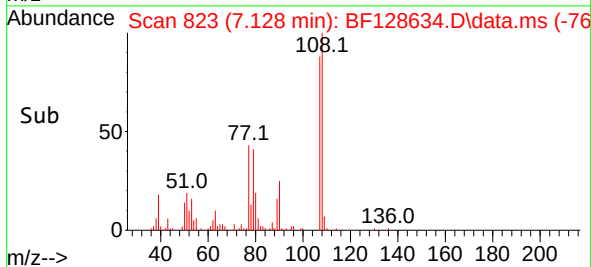
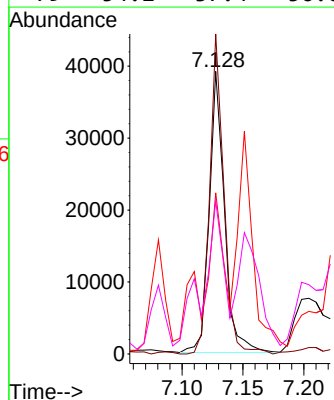
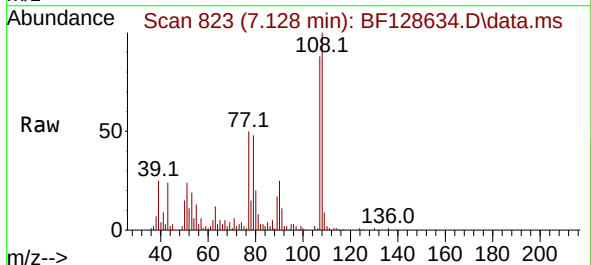
Instrument :
BNA_F
ClientSampleId :
MW-06DL

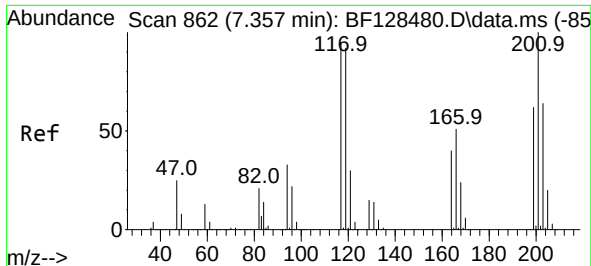
Tgt Ion: 94 Resp: 35554
Ion Ratio Lower Upper
94 100
65 37.8 11.4 51.4
66 53.2 21.4 61.4



#17
2-Methylphenol
Concen: 6.203 ng
RT: 7.128 min Scan# 823
Delta R.T. 0.041 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

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

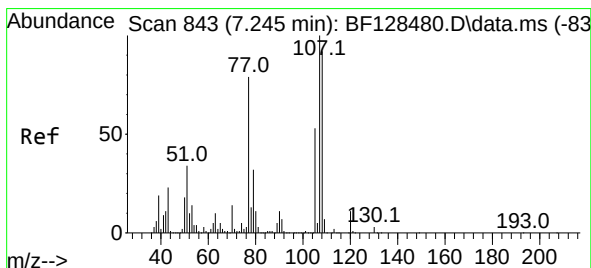
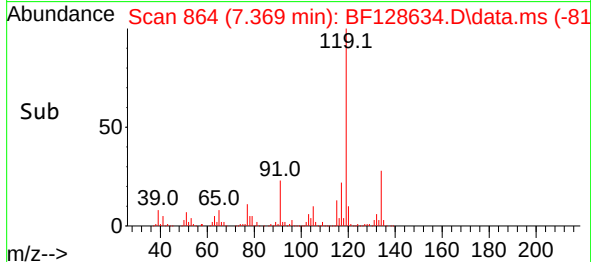
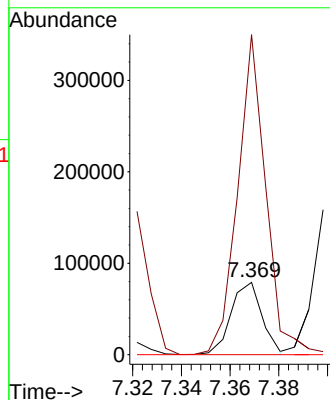
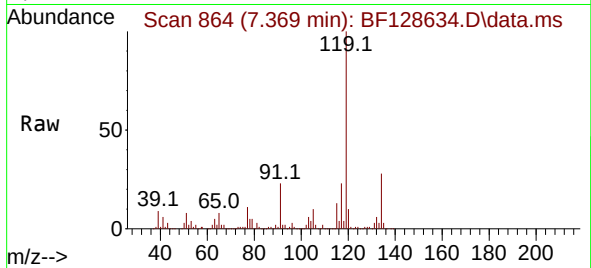




#18
Hexachloroethane
Concen: 26.777 ng
RT: 7.369 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

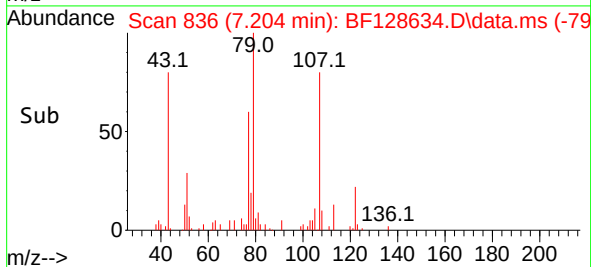
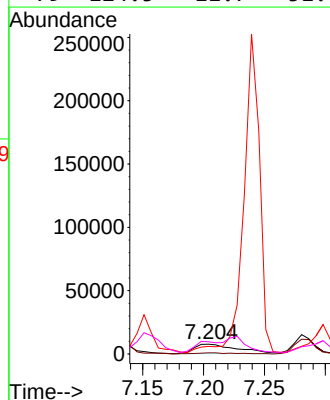
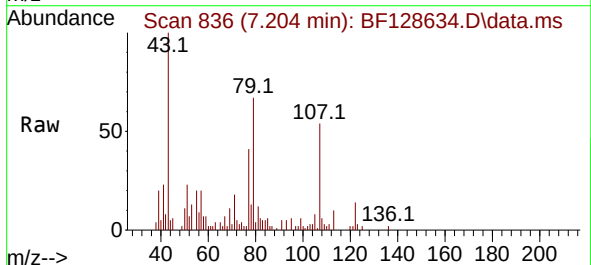
Instrument :
BNA_F
ClientSampleId :
MW-06DL

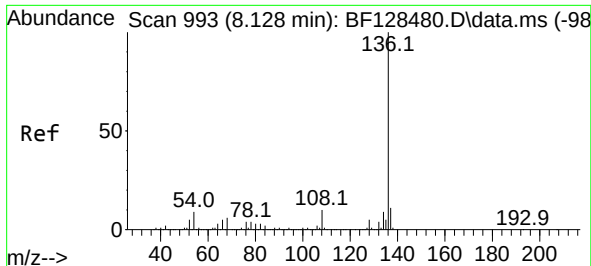
Tgt Ion:117 Resp: 69664
Ion Ratio Lower Upper
117 100
119 442.3 77.4 116.2#
201 0.0 84.6 127.0#



#20
3+4-Methylphenols
Concen: 2.779 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.041 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Tgt Ion:107 Resp: 18337
Ion Ratio Lower Upper
107 100
108 11.4 71.8 111.8#
77 76.3 59.3 99.3
79 124.5 11.7 51.7#

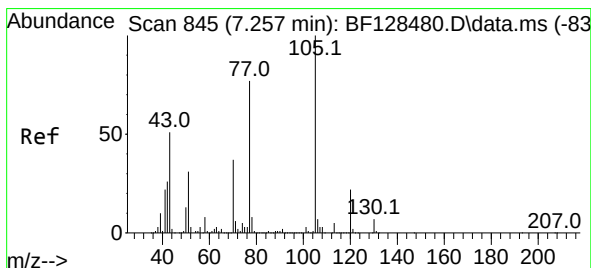
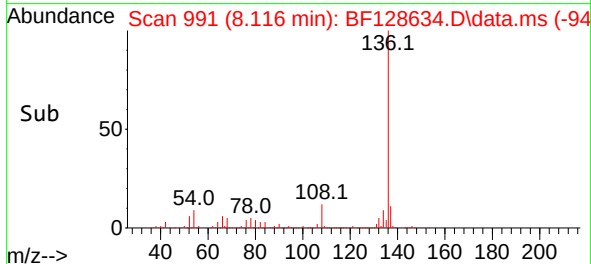
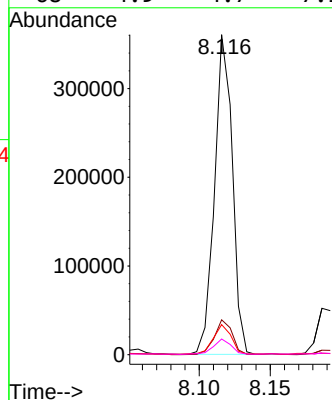
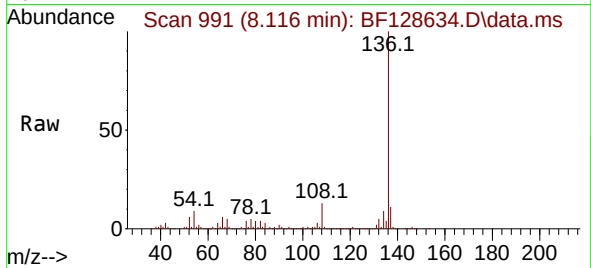




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

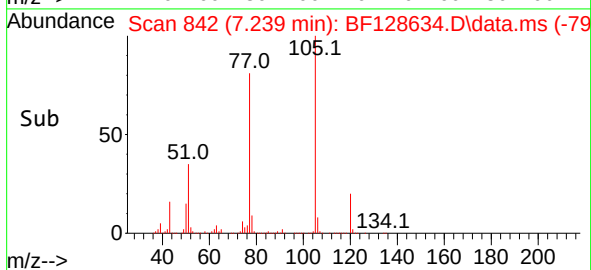
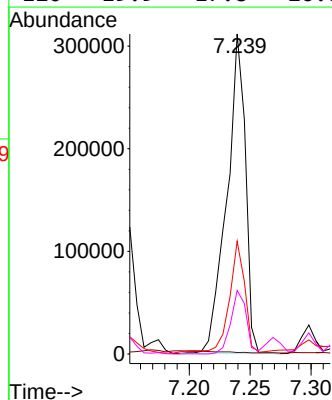
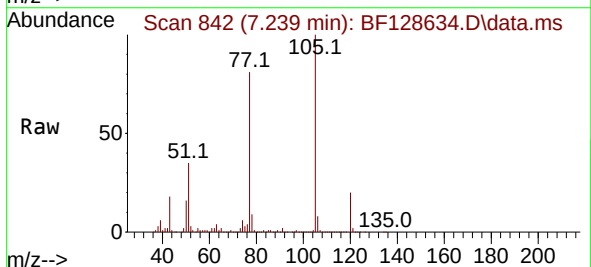
Instrument :
BNA_F
ClientSampleId :
MW-06DL

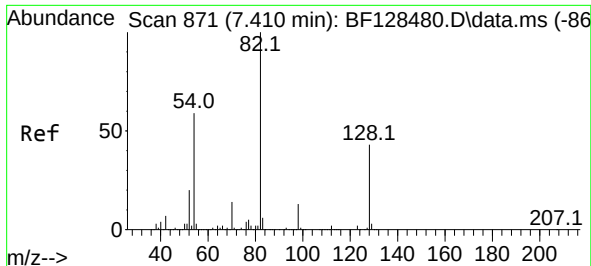
Tgt Ion:136 Resp: 313523
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.4 7.5 11.3
68 4.9 4.7 7.1



#22
Acetophenone
Concen: 45.798 ng
RT: 7.239 min Scan# 842
Delta R.T. -0.018 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

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

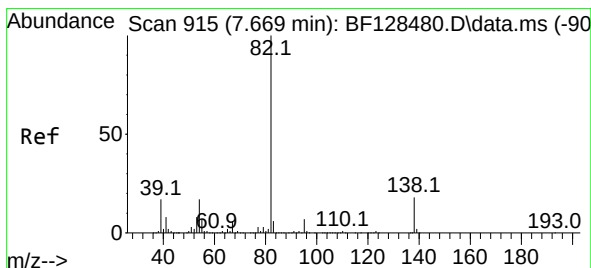
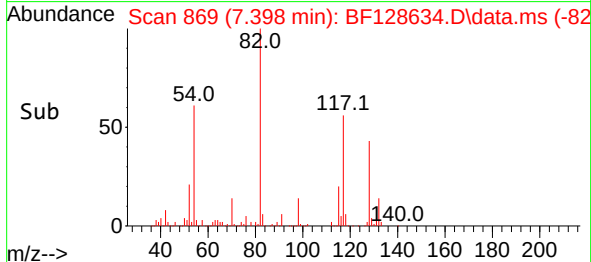
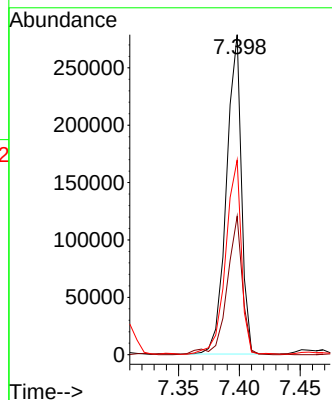
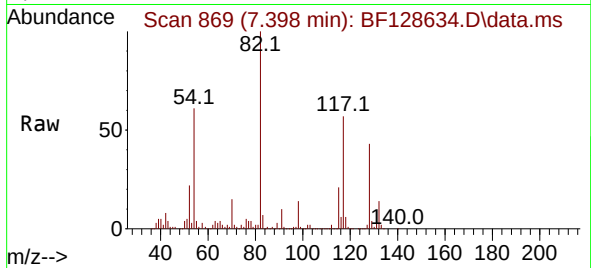




#23
Nitrobenzene-d5
Concen: 44.017 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

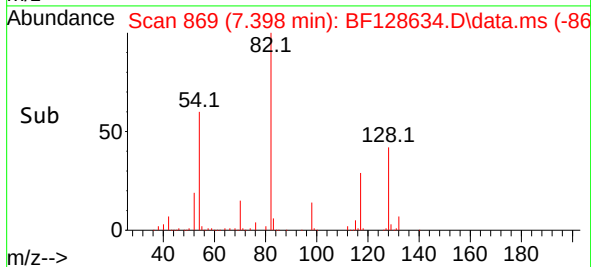
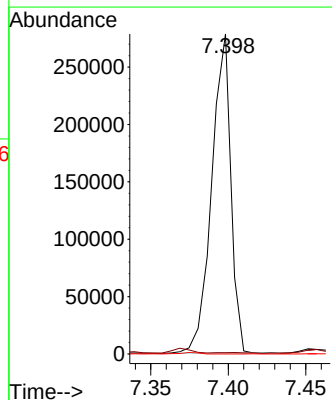
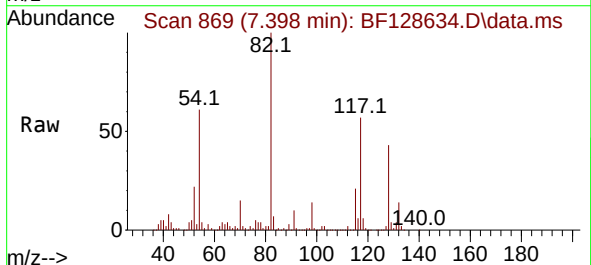
Instrument :
BNA_F
ClientSampleId :
MW-06DL

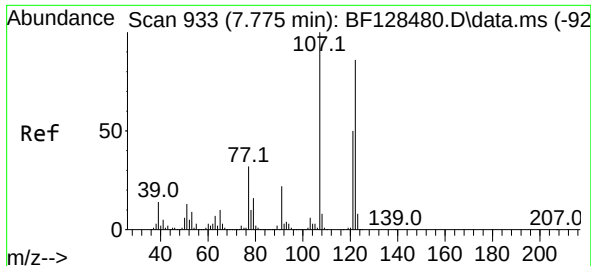
Tgt Ion: 82 Resp: 239225
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 60.8 46.9 70.3



#25
Isophorone
Concen: 23.746 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.271 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Tgt Ion: 82 Resp: 238072
Ion Ratio Lower Upper
82 100
95 0.4 5.7 8.5#
138 0.0 14.2 21.2#





#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 :

BNA_F

ClientSampleId :

MW-06DL

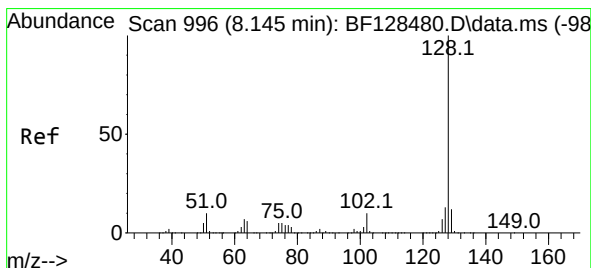
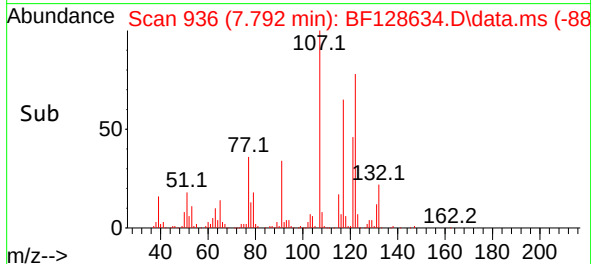
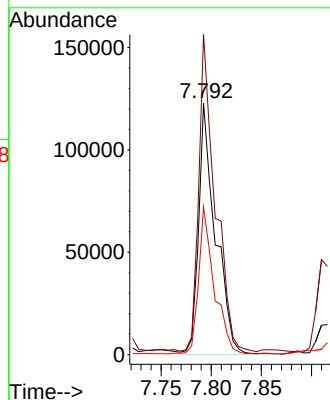
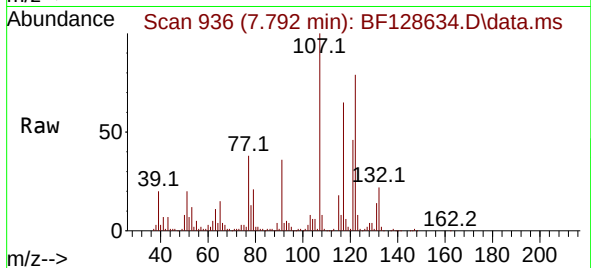
Tgt Ion:122 Resp: 144266

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

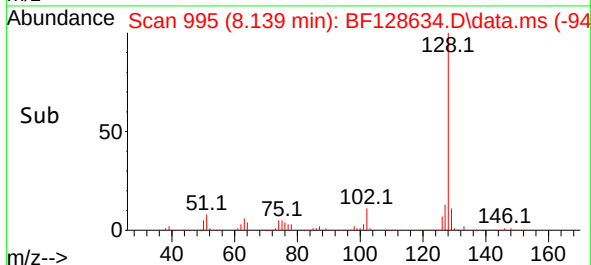
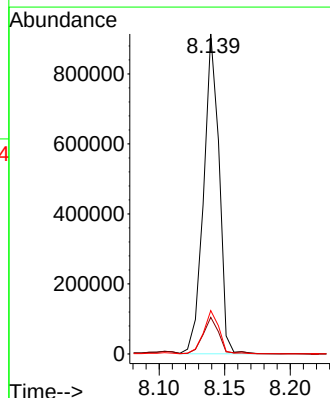
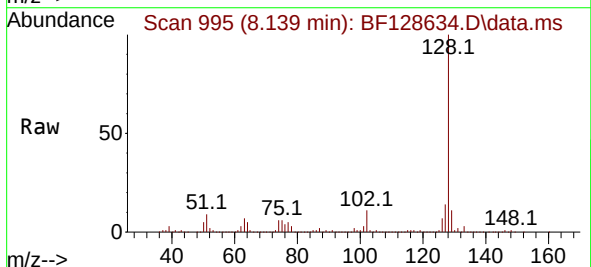
Tgt Ion:128 Resp: 750221

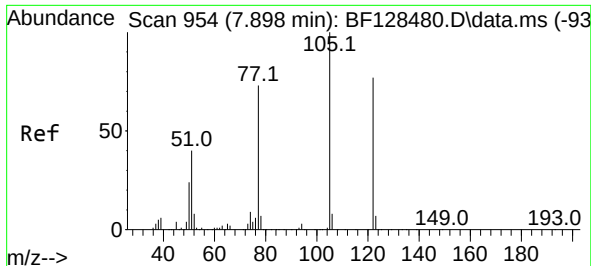
Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 13.6 10.5 15.7

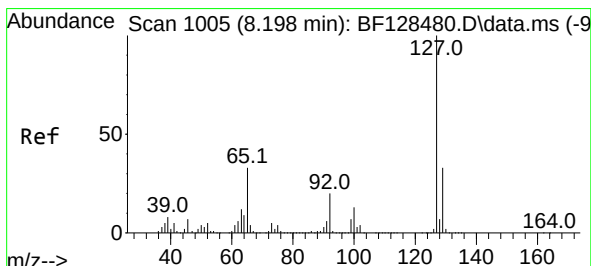
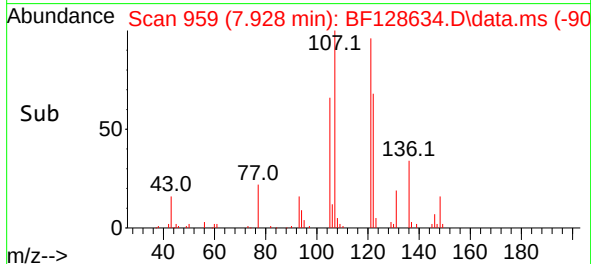
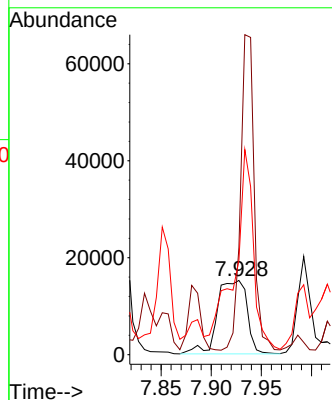
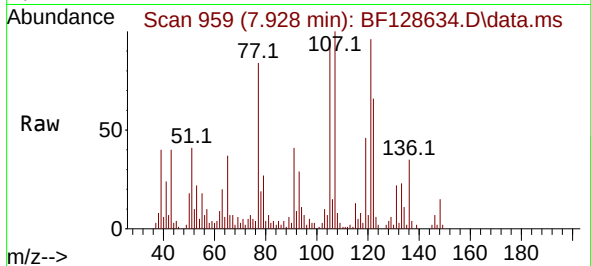




#32
Benzoic acid
Concen: 9.865 ng
RT: 7.928 min Scan# 911
Delta R.T. 0.029 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

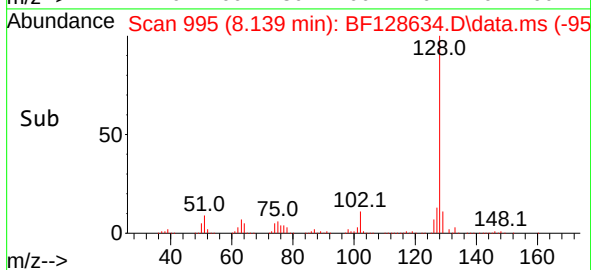
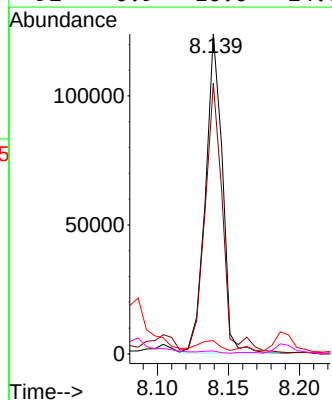
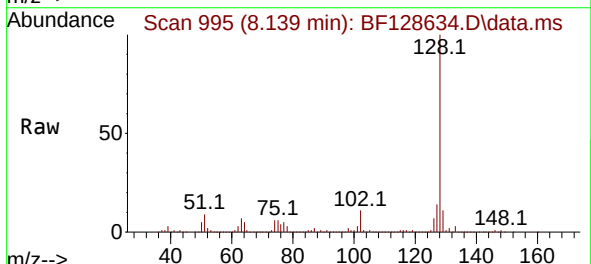
Instrument :
BNA_F
ClientSampleId :
MW-06DL

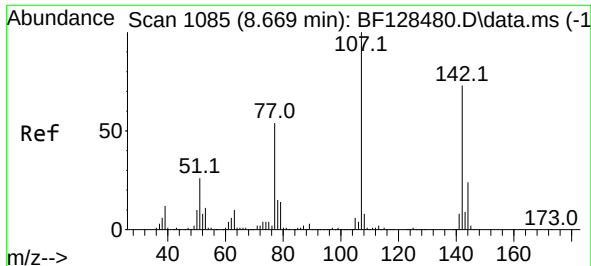
Tgt Ion:122 Resp: 31128
Ion Ratio Lower Upper
122 100
105 144.8 107.1 147.1
77 127.0 74.2 114.2#



#33
4-Chloroaniline
Concen: 16.769 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.059 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

Tgt Ion:127 Resp: 102454
Ion Ratio Lower Upper
127 100
129 84.6 26.4 39.6#
65 4.2 26.4 39.6#
92 0.9 16.0 24.0#

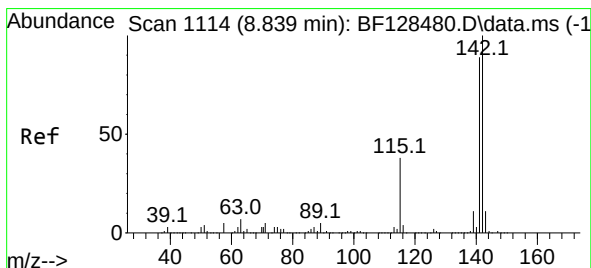
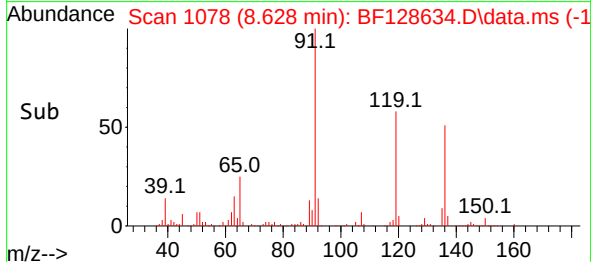
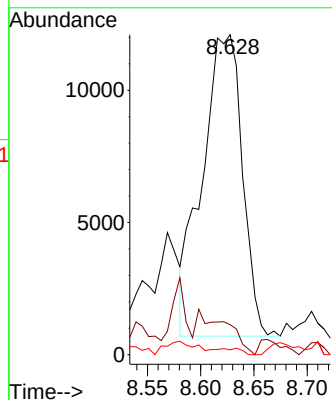
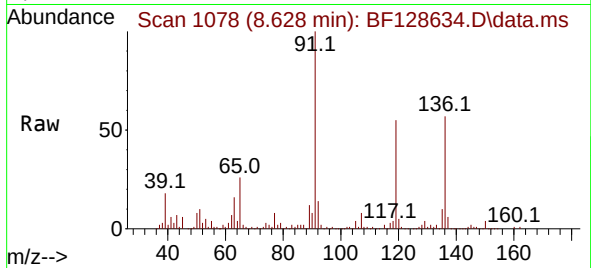




#36
4-Chloro-3-methylphenol
Concen: 6.311 ng
RT: 8.628 min Scan# 1107
Delta R.T. -0.041 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

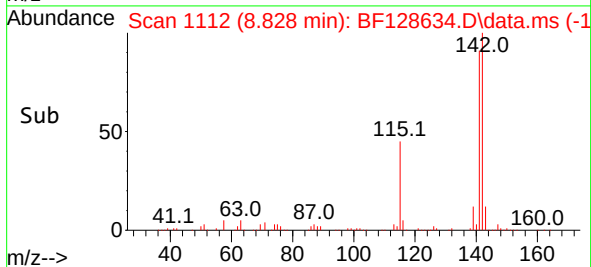
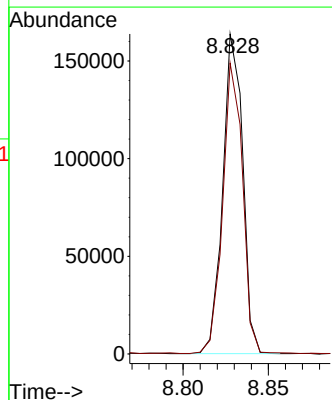
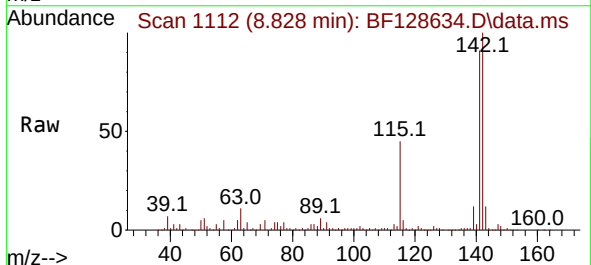
Instrument :
BNA_F
ClientSampleId :
MW-06DL

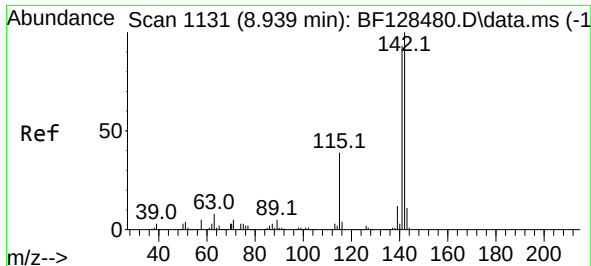
Tgt Ion:107 Resp: 29949
Ion Ratio Lower Upper
107 100
144 9.3 19.5 29.3#
142 1.5 58.2 87.4#



#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

Tgt Ion:142 Resp: 133612
Ion Ratio Lower Upper
142 100
141 90.9 71.0 106.4

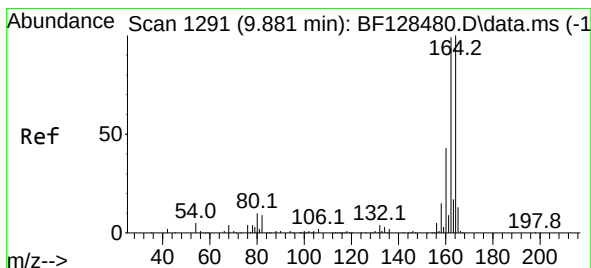
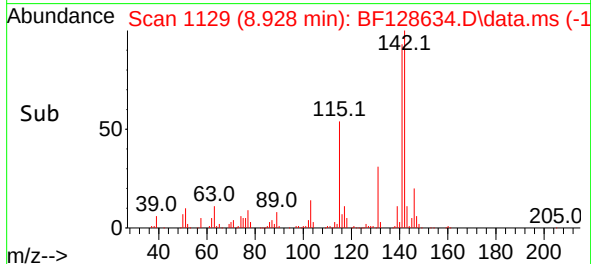
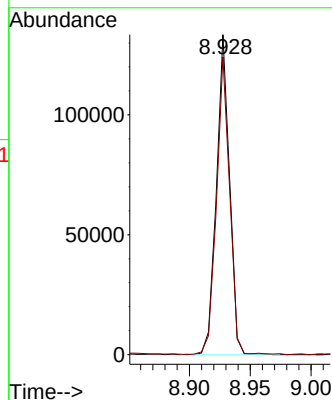
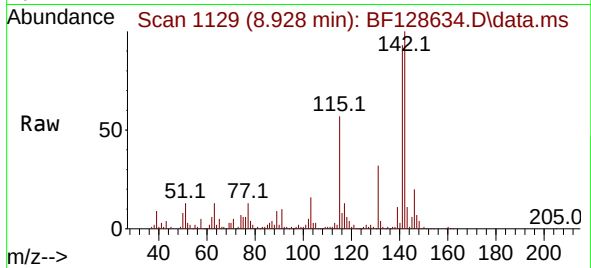




#38
1-Methylnaphthalene
Concen: 10.654 ng
RT: 8.928 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

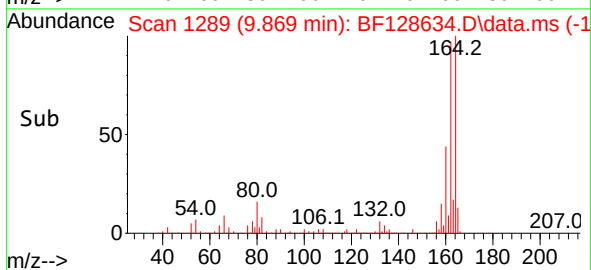
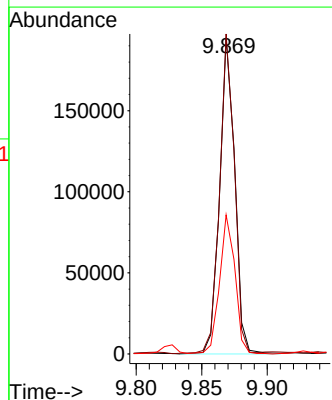
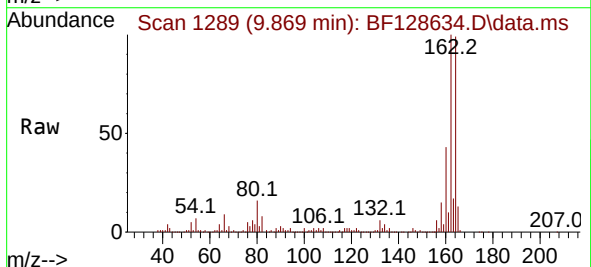
Instrument :
BNA_F
ClientSampleId :
MW-06DL

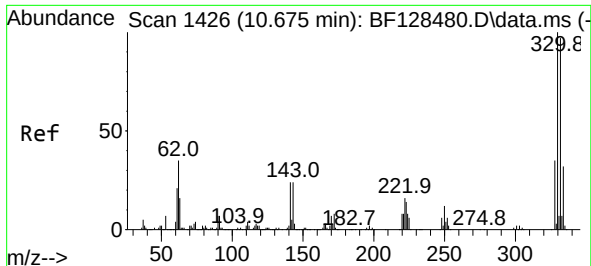
Tgt Ion:142 Resp: 100363
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

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

Instrument :

BNA_F

ClientSampleId :

MW-06DL

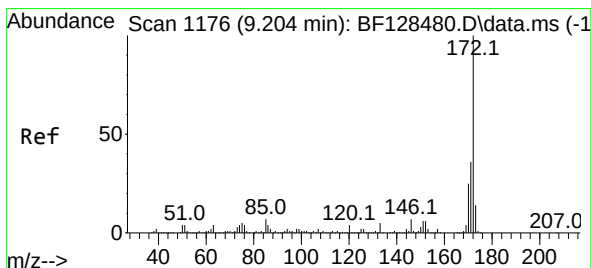
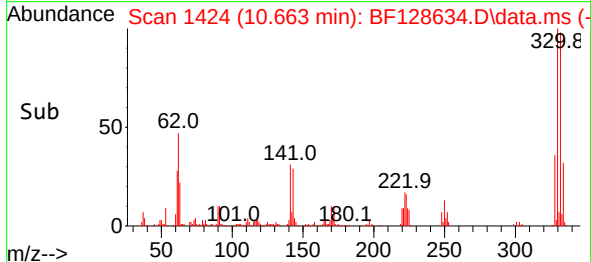
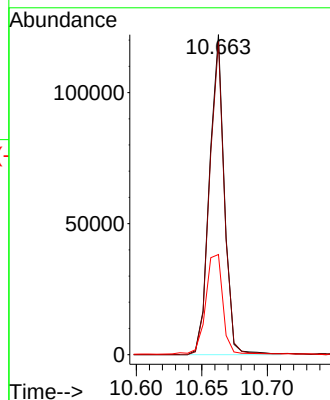
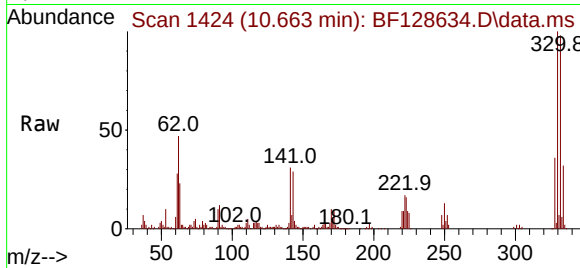
Tgt Ion:330 Resp: 96133

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

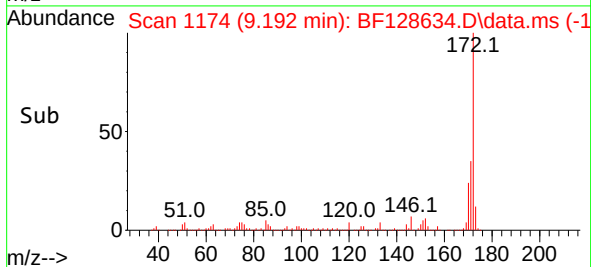
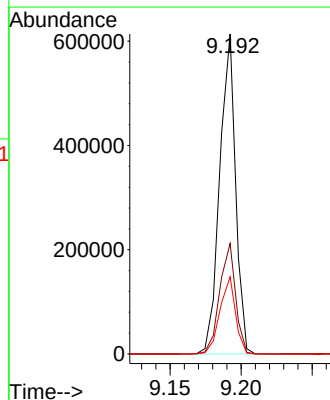
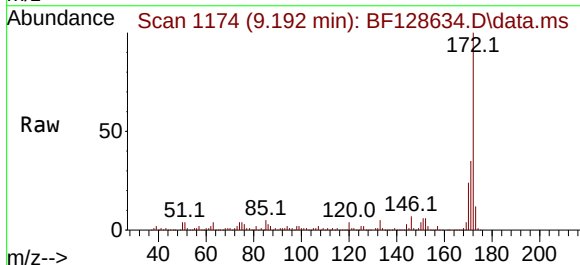
Tgt Ion:172 Resp: 475728

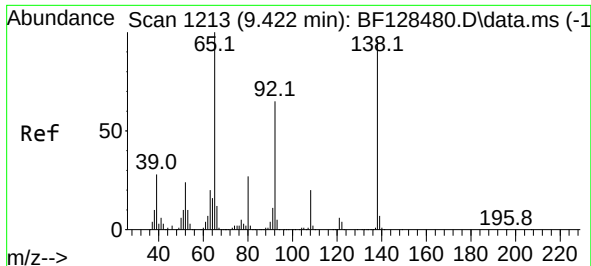
Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 24.1 19.8 29.8





#48

2-Nitroaniline

Concen: 8.019 ng

RT: 9.439 min Scan# 1

Delta R.T. 0.017 min

Lab File: BF128634.D

Acq: 01 Jun 2022 20:52

Instrument :

BNA_F

ClientSampleId :

MW-06DL

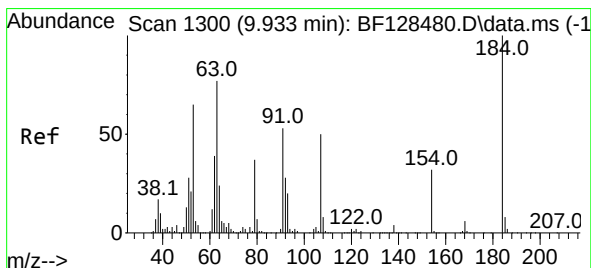
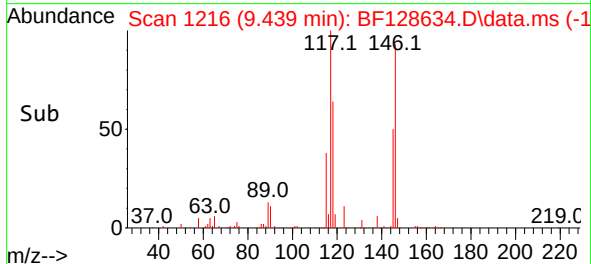
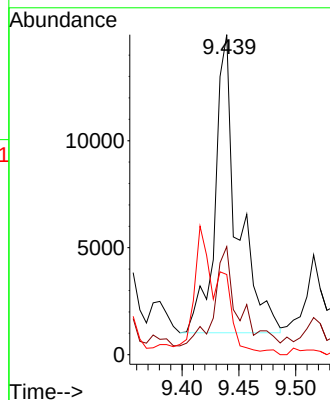
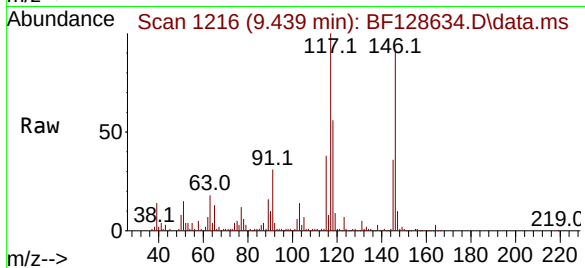
Tgt Ion: 65 Resp: 19194

Ion Ratio Lower Upper

65 100

92 33.8 51.9 77.9#

138 25.0 76.4 114.6#



#54

2,4-Dinitrophenol

Concen: 7.193 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.029 min

Lab File: BF128634.D

Acq: 01 Jun 2022 20:52

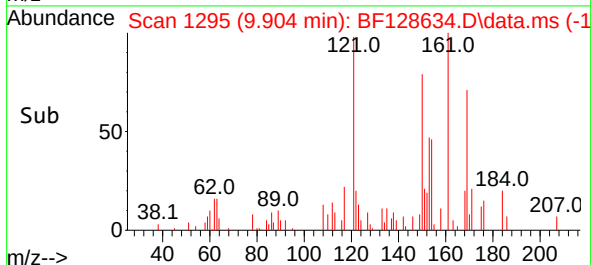
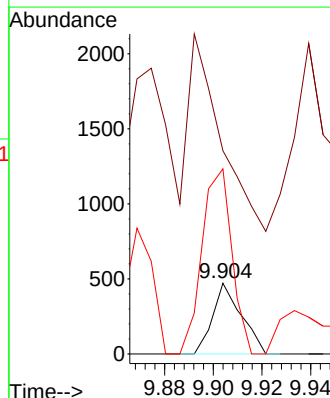
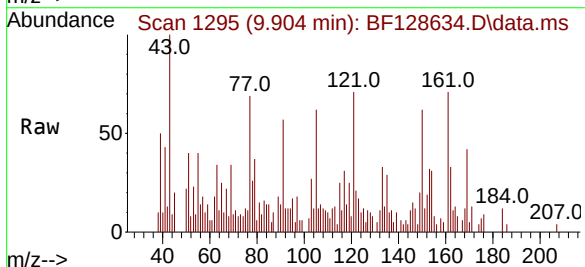
Tgt Ion:184 Resp: 385

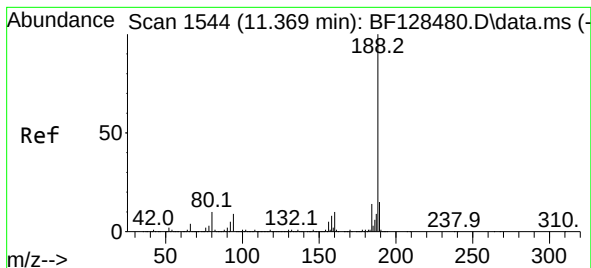
Ion Ratio Lower Upper

184 100

63 287.5 64.5 96.7#

154 261.8 50.6 75.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128634.D

Acq: 01 Jun 2022 20:52

Instrument :

BNA_F

ClientSampleId :

MW-06DL

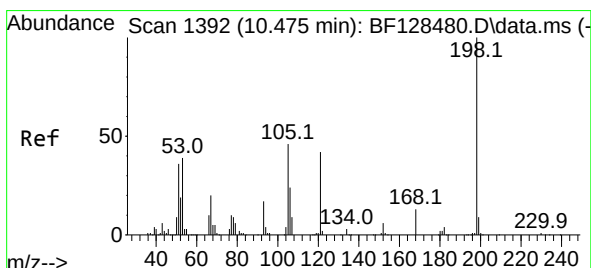
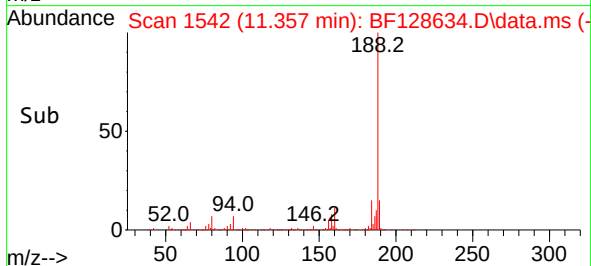
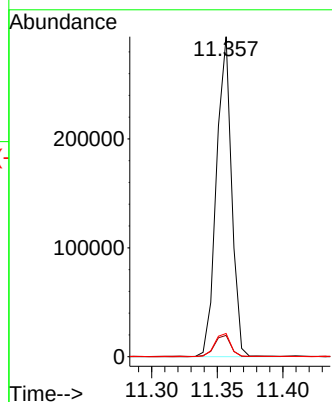
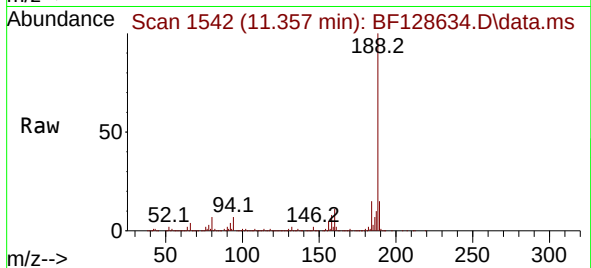
Tgt Ion:188 Resp: 236323

Ion Ratio Lower Upper

188 100

94 6.6 7.0 10.6#

80 7.3 7.6 11.4#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.619 ng

RT: 10.498 min Scan# 1396

Delta R.T. 0.023 min

Lab File: BF128634.D

Acq: 01 Jun 2022 20:52

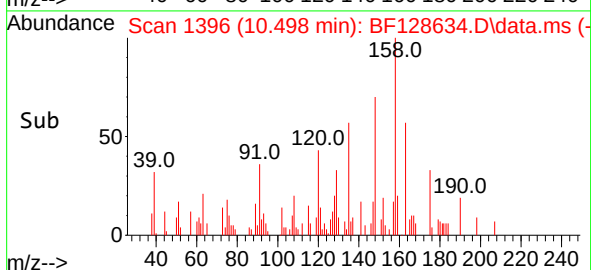
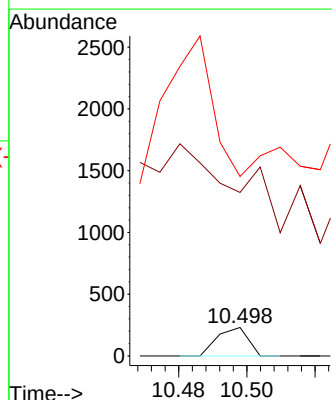
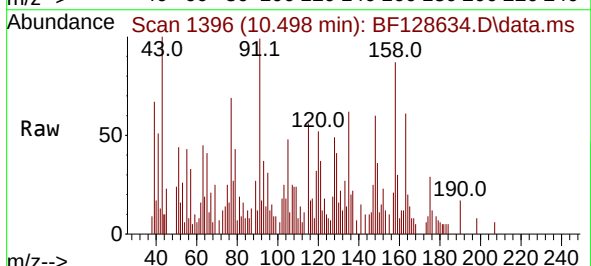
Tgt Ion:198 Resp: 144

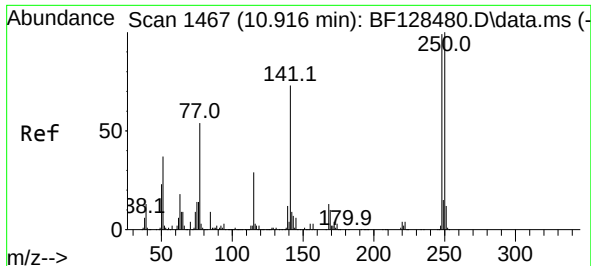
Ion Ratio Lower Upper

198 100

51 575.7 37.6 77.6#

105 632.2 27.0 67.0#

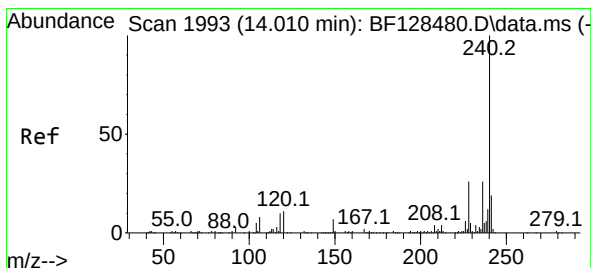
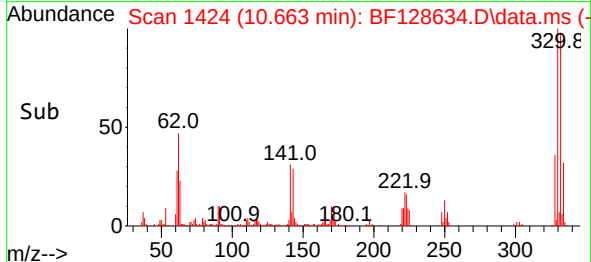
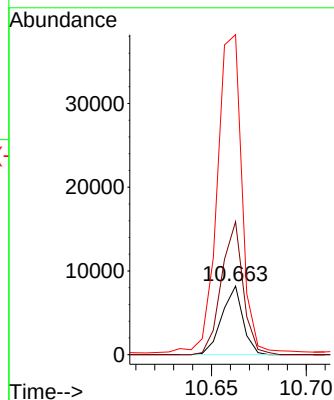
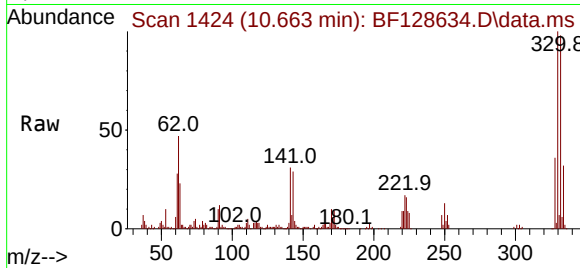




#67
4-Bromophenyl-phenylether
Concen: 2.607 ng
RT: 10.663 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF128634.D
Acq: 01 Jun 2022 20:52

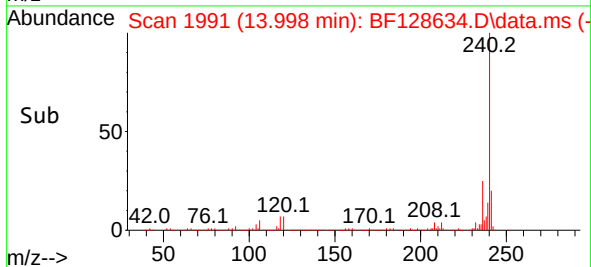
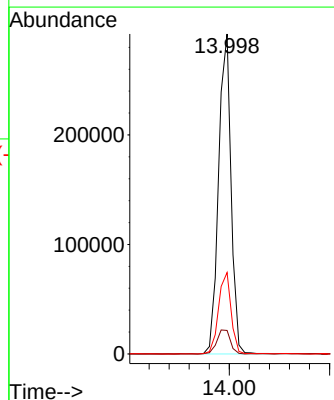
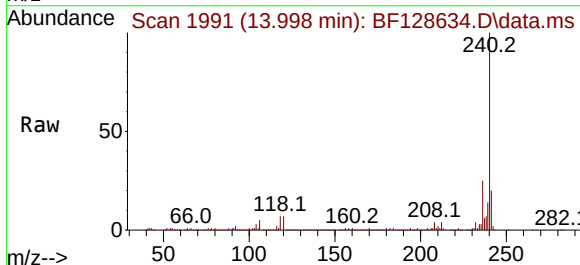
Instrument :
BNA_F
ClientSampleId :
MW-06DL

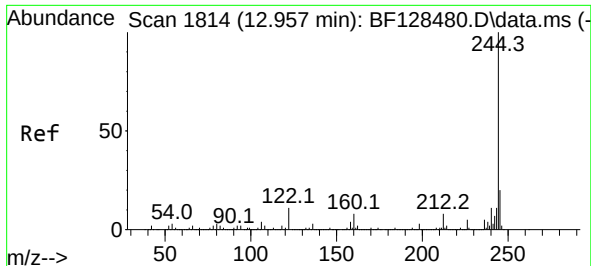
Tgt Ion:248 Resp: 6366
Ion Ratio Lower Upper
248 100
250 193.7 80.6 120.8#
141 466.2 58.9 88.3#



#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

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

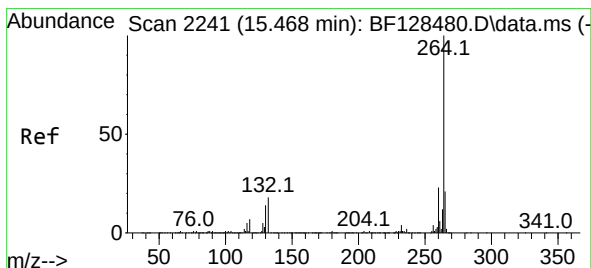
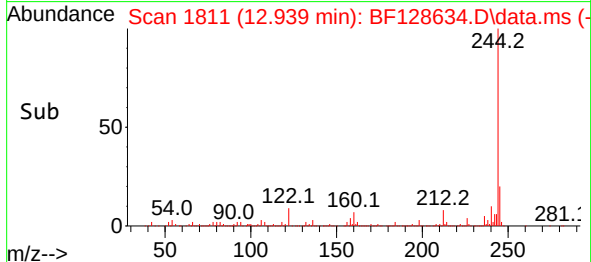
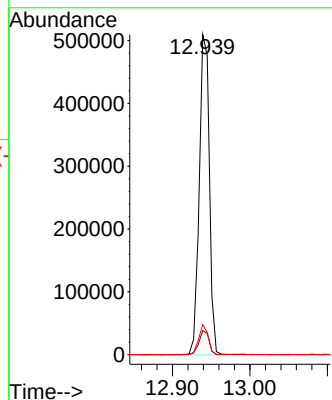
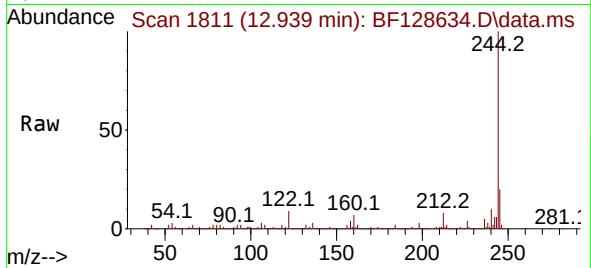




#79
 Terphenyl-d14
 Concen: 35.470 ng
 RT: 12.939 min Scan# 1814
 Delta R.T. -0.018 min
 Lab File: BF128634.D
 Acq: 01 Jun 2022 20:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-06DL

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# 2240
 Delta R.T. -0.006 min
 Lab File: BF128634.D
 Acq: 01 Jun 2022 20:52

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

