

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128612.D
 Acq On : 01 Jun 2022 00:06
 Operator : CG\JU
 Sample : N3087-08DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

Quant Time: Jun 01 00:59:45 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)

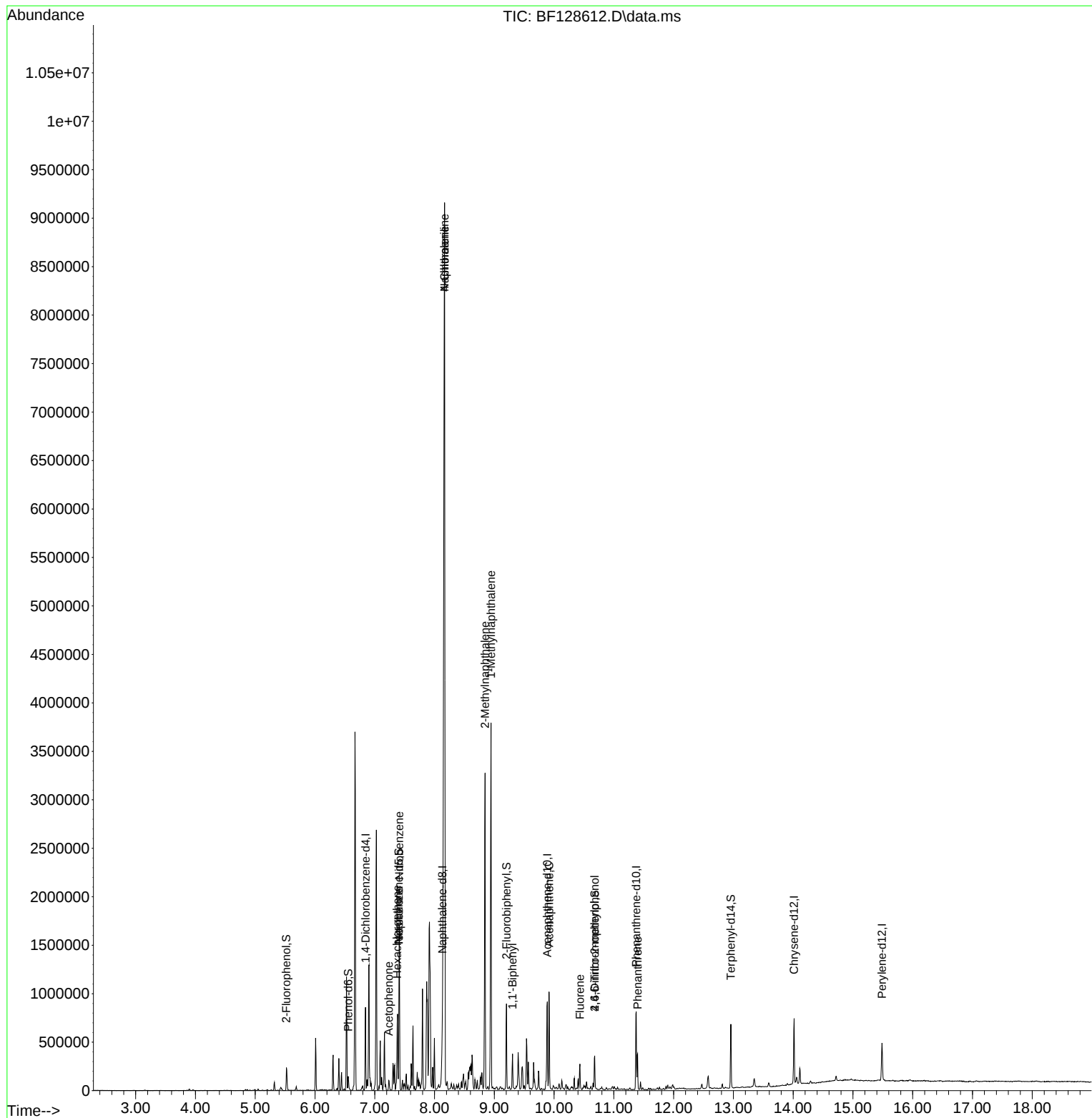
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	108546	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	372826	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	187836	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	309776	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	233585	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	179032	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	59574	9.091	ng	0.07
7) Phenol-d6	6.557	99	40730	4.875	ng	0.09
23) Nitrobenzene-d5	7.404	82	120512	18.647	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	39974	22.358	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	232655	20.123	ng	0.00
79) Terphenyl-d14	12.957	244	206248	17.059	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.398	77	12635	Below Cal	#	1
18) Hexachloroethane	7.375	117	53158	19.299	ng	# 1
22) Acetophenone	7.234	105	37097	4.315	ng	# 57
24) Nitrobenzene	7.410	77	22929	3.589	ng	# 1
25) Isophorone	7.404	82	119180	9.997	ng	# 65
31) Naphthalene	8.169	128	5809717	318.385	ng	95
33) 4-Chloroaniline	8.169	127	836793	115.173	ng	# 31
37) 2-Methylnaphthalene	8.845	142	800230	69.477	ng	99
38) 1-Methylnaphthalene	8.945	142	908659	81.114	ng	99
46) 1,1'-Biphenyl	9.304	154	91482	6.936	ng	99
52) Acenaphthene	9.916	154	188662	19.225	ng	99
58) Fluorene	10.433	166	66305	6.326	ng	94
65) 4,6-Dinitro-2-methylph...	10.680	198	58	5.538	ng	# 1
71) Phenanthrene	11.398	178	139724	9.522	ng	97

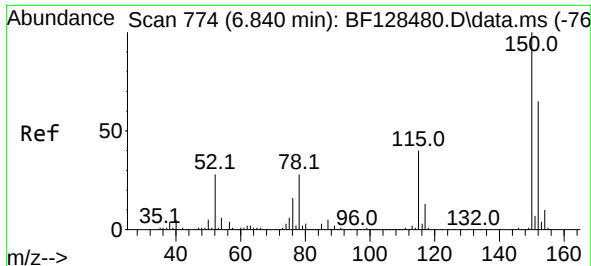
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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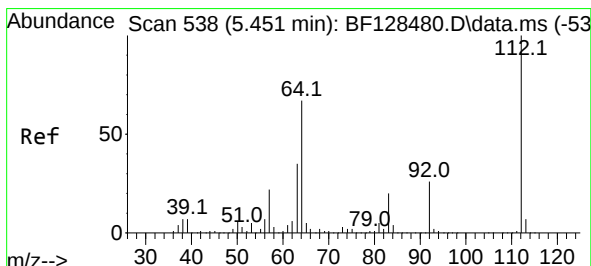
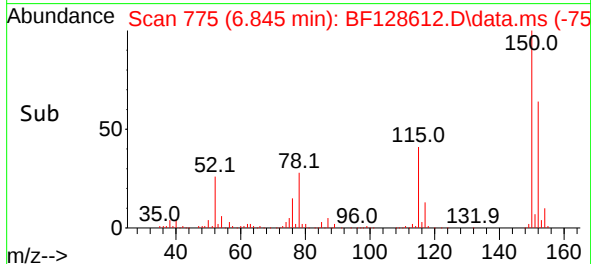
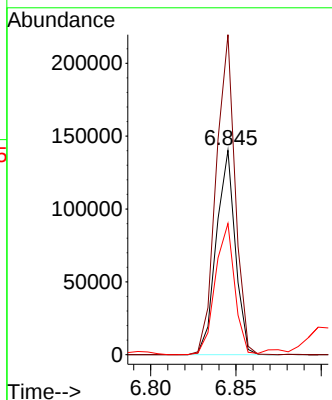
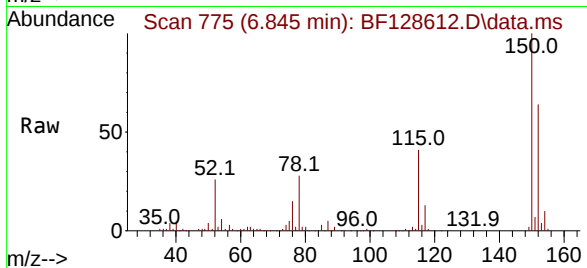




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

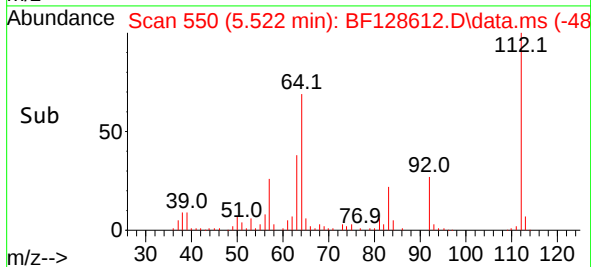
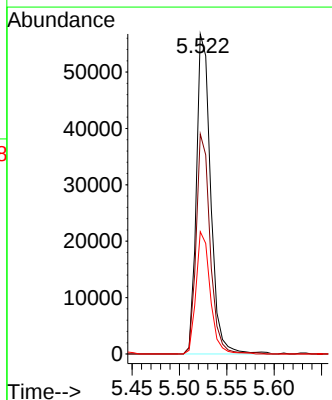
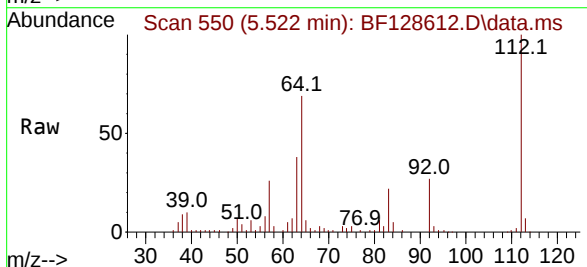
Instrument :
BNA_F
ClientSampleId :
MW-14DL

Tgt Ion:152 Resp: 108546
Ion Ratio Lower Upper
152 100
150 156.6 123.7 185.5
115 64.2 49.9 74.9



#5
2-Fluorophenol
Concen: 9.091 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.070 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

Tgt Ion:112 Resp: 59574
Ion Ratio Lower Upper
112 100
64 68.8 53.3 79.9
63 38.2 28.0 42.0

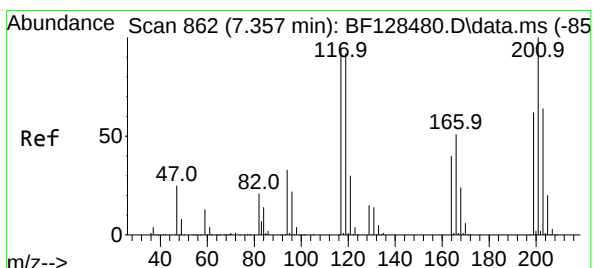
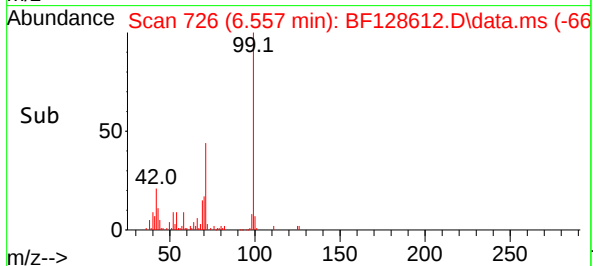
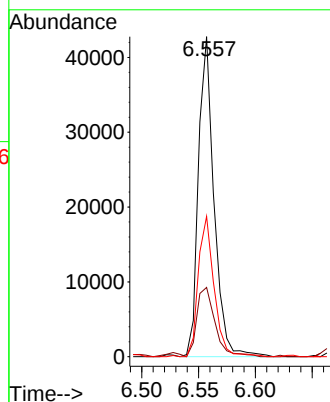
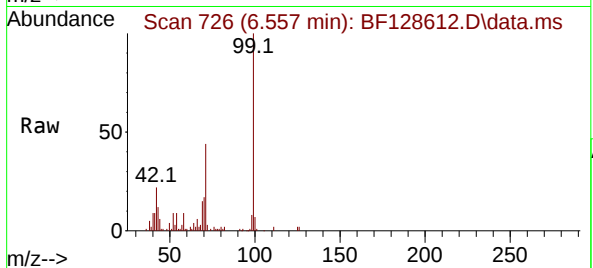




#7
Phenol-d6
Concen: 4.875 ng
RT: 6.557 min Scan# 711
Delta R.T. 0.088 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

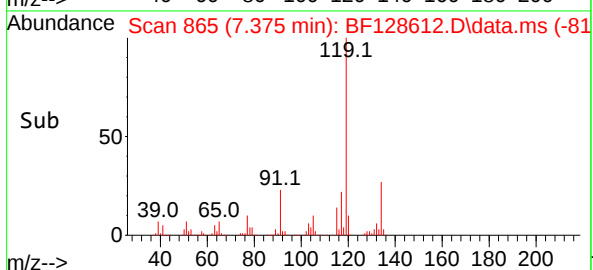
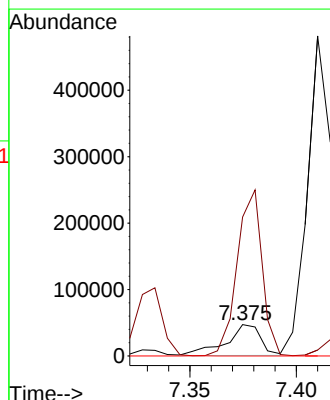
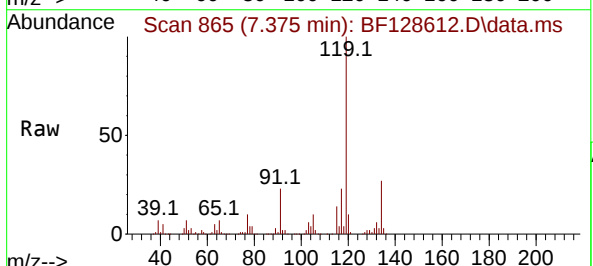
Instrument :
BNA_F
ClientSampleId :
MW-14DL

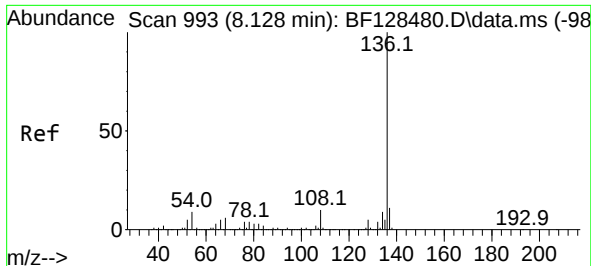
Tgt Ion: 99 Resp: 40730
Ion Ratio Lower Upper
99 100
42 21.7 17.3 25.9
71 43.9 28.9 43.3#



#18
Hexachloroethane
Concen: 19.299 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.018 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

Tgt Ion: 117 Resp: 53158
Ion Ratio Lower Upper
117 100
119 442.1 77.4 116.2#
201 0.0 84.6 127.0#

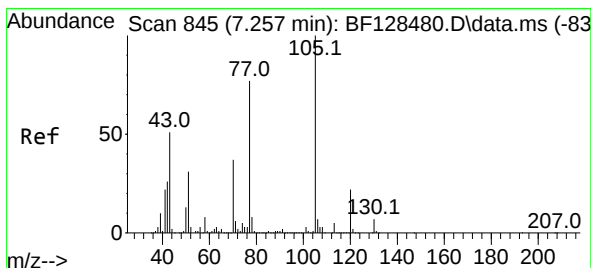
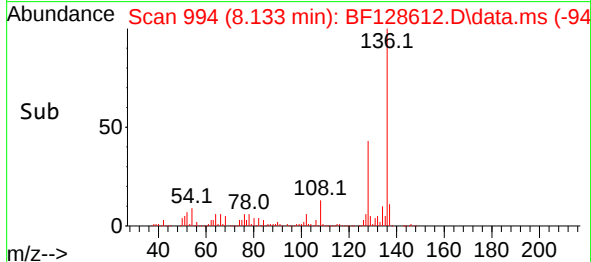
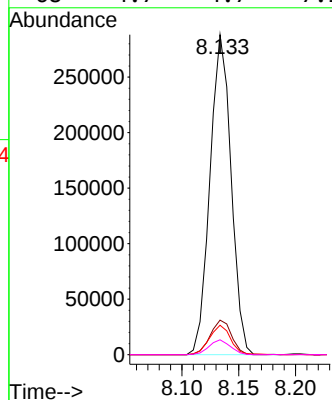
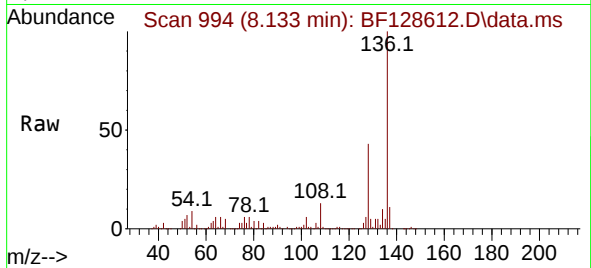




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

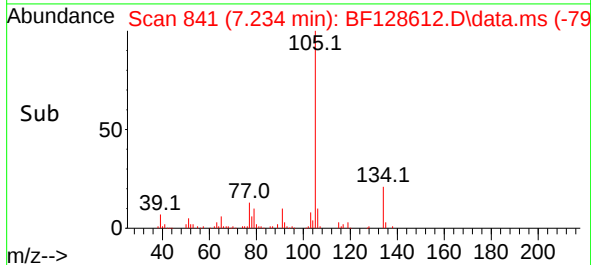
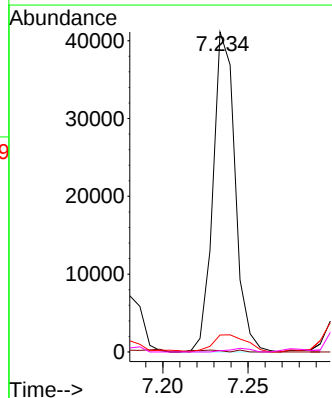
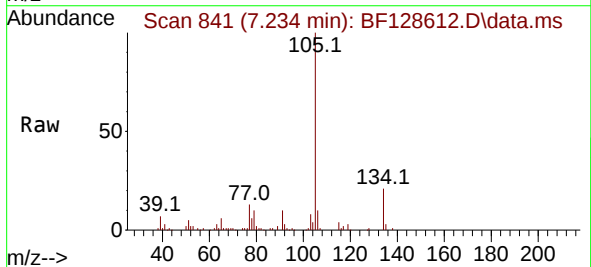
Instrument :
BNA_F
ClientSampleId :
MW-14DL

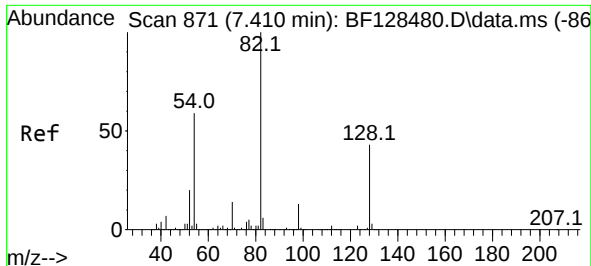
Tgt Ion:136 Resp: 372826
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.2 7.5 11.3
68 4.7 4.7 7.1#



#22
Acetophenone
Concen: 4.315 ng
RT: 7.234 min Scan# 841
Delta R.T. -0.024 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

Tgt Ion:105 Resp: 37097
Ion Ratio Lower Upper
105 100
71 0.4 5.0 7.4#
51 5.3 25.0 37.4#
120 0.4 17.8 26.8#

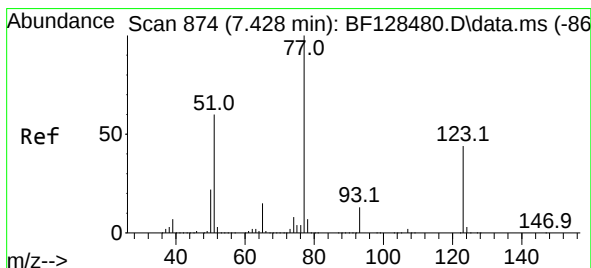
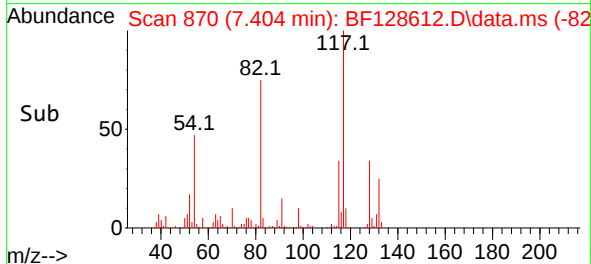
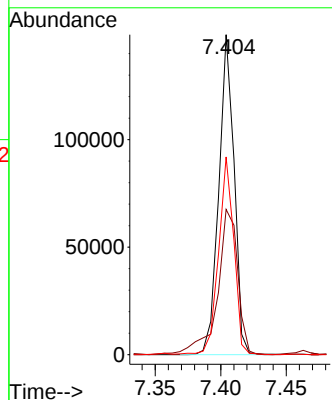
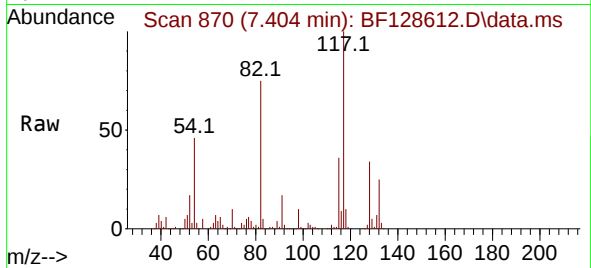




#23
Nitrobenzene-d5
Concen: 18.647 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

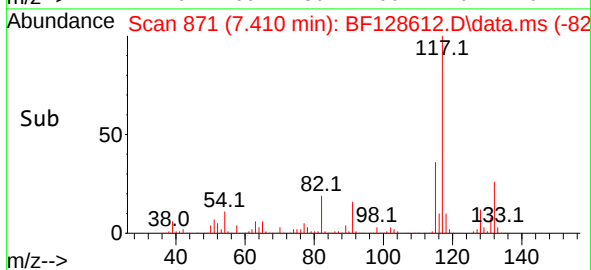
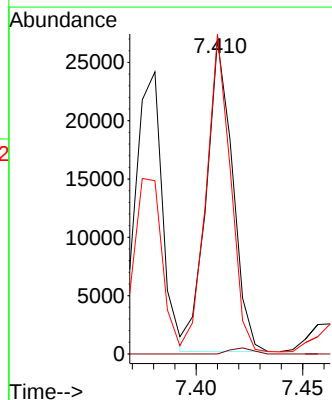
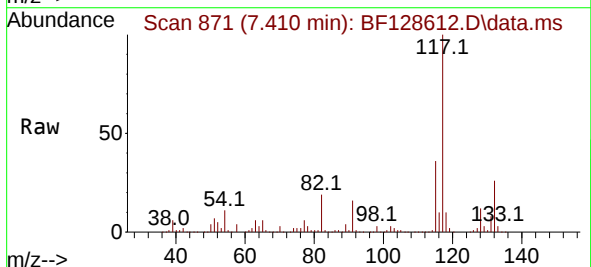
Instrument :
BNA_F
ClientSampleId :
MW-14DL

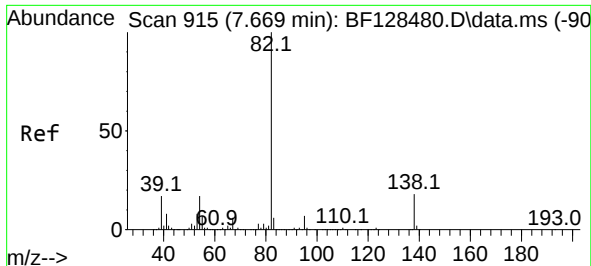
Tgt Ion: 82 Resp: 120512
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 61.8 46.9 70.3



#24
Nitrobenzene
Concen: 3.589 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

Tgt Ion: 77 Resp: 22929
Ion Ratio Lower Upper
77 100
123 0.0 35.4 53.2#
65 101.8 11.8 17.8#

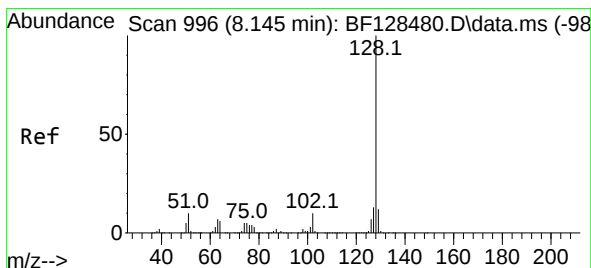
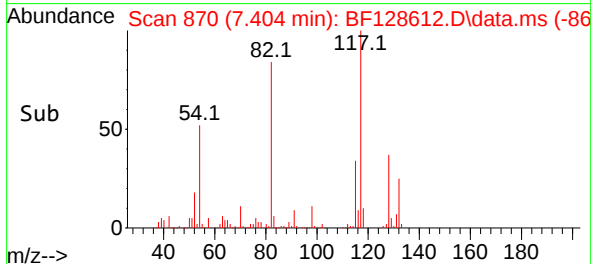
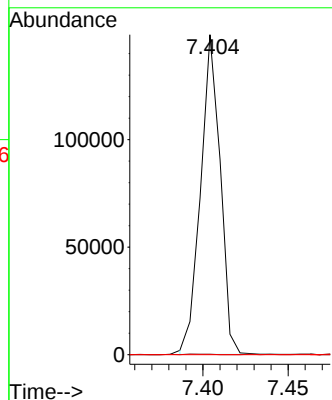
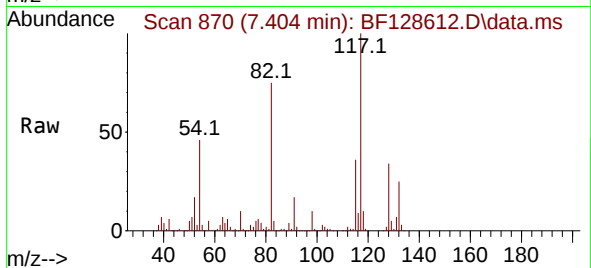




#25
Isophorone
Concen: 9.997 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

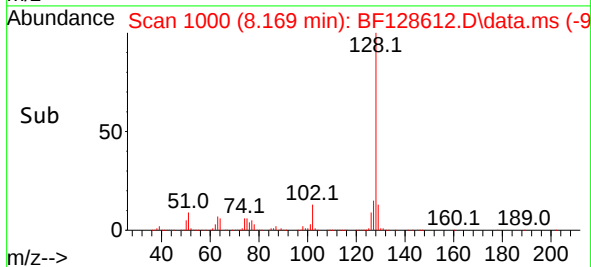
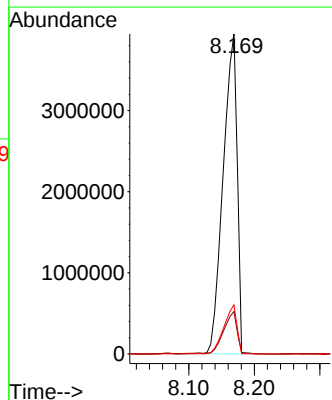
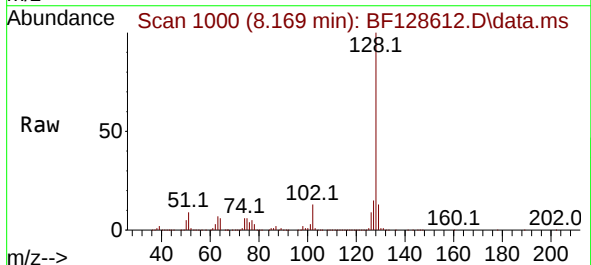
Instrument :
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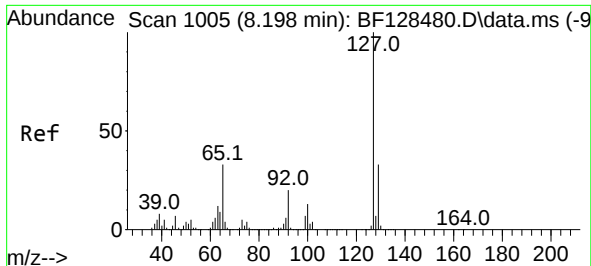
Tgt Ion: 82 Resp: 119180
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#31
Naphthalene
Concen: 318.385 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.023 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

Tgt Ion:128 Resp: 5809717
Ion Ratio Lower Upper
128 100
129 13.3 9.2 13.8
127 15.4 10.5 15.7

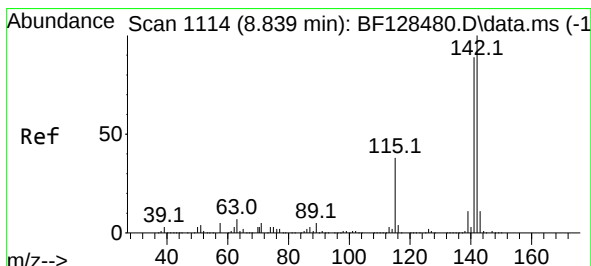
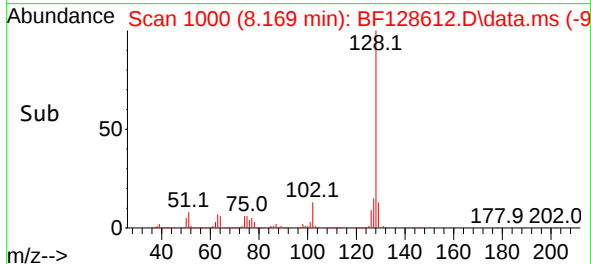
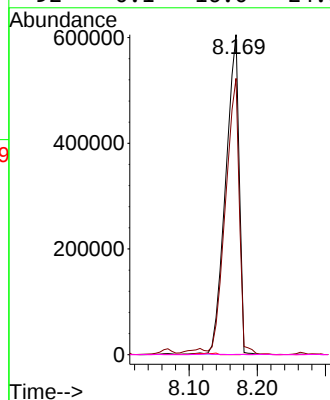
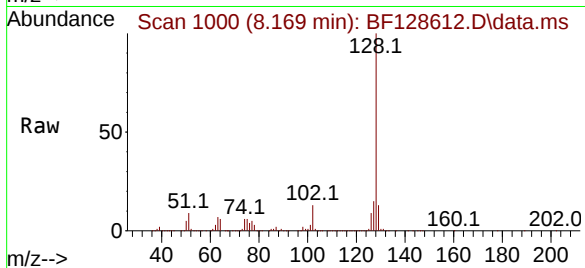




#33
4-Chloroaniline
Concen: 115.173 ng
RT: 8.169 min Scan# 1100
Delta R.T. -0.030 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

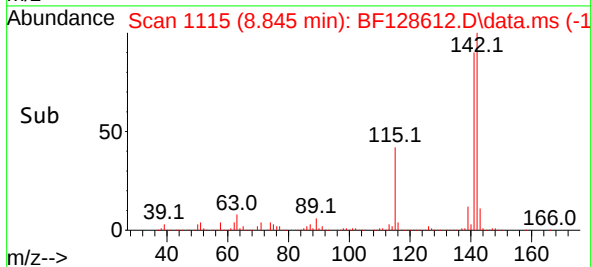
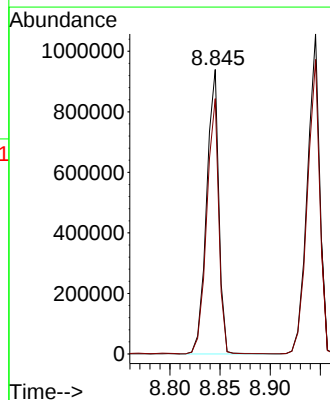
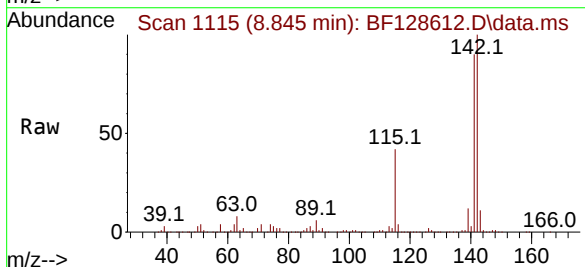
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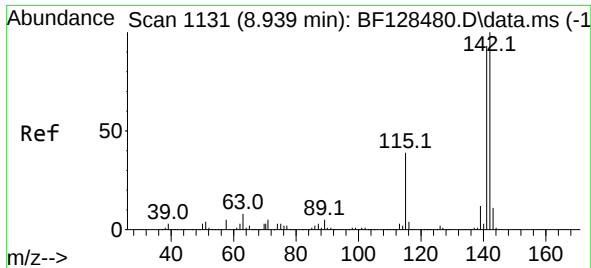
Tgt Ion:127 Resp: 836793
Ion Ratio Lower Upper
127 100
129 86.3 26.4 39.6#
65 0.0 26.4 39.6#
92 0.1 16.0 24.0#



#37
2-Methylnaphthalene
Concen: 69.477 ng
RT: 8.845 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

Tgt Ion:142 Resp: 800230
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.4

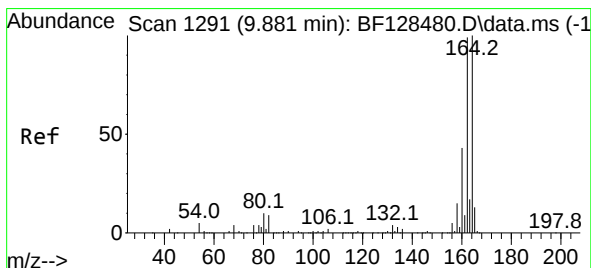
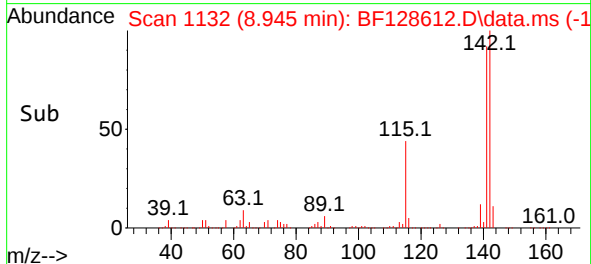
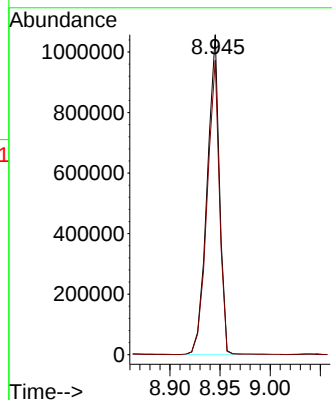
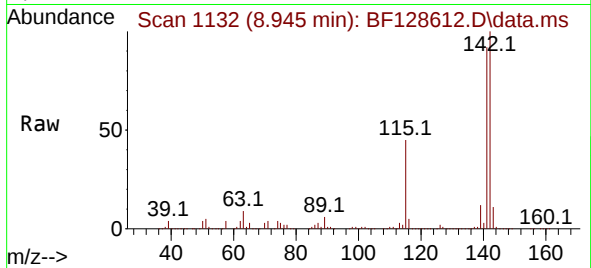




#38
1-Methylnaphthalene
Concen: 81.114 ng
RT: 8.945 min Scan# 1131
Delta R.T. 0.006 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

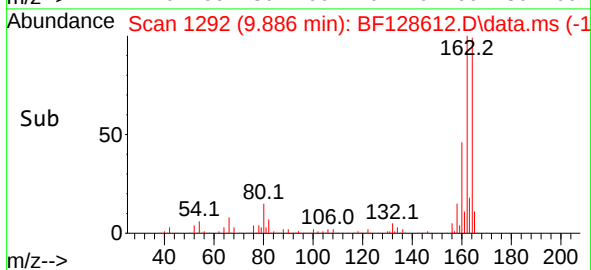
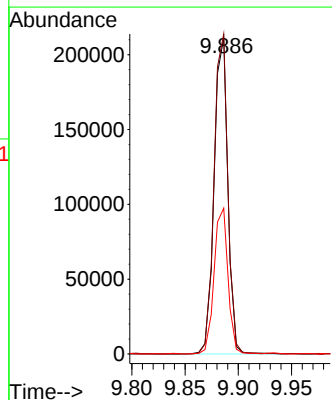
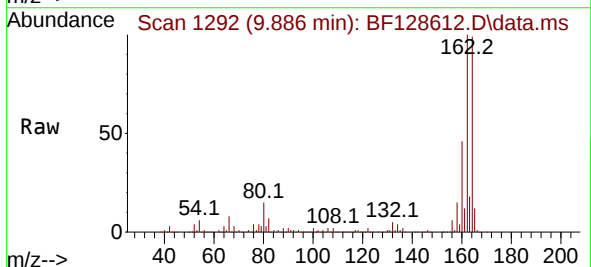
Instrument :
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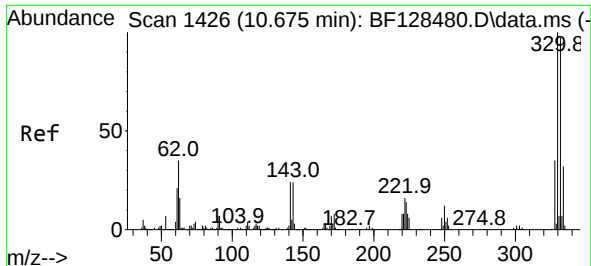
Tgt Ion:142 Resp: 908659
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.005 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

Tgt Ion:164 Resp: 187836
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 46.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 22.358 ng

RT: 10.680 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF128612.D

Acq: 01 Jun 2022 00:06

Instrument :

BNA_F

ClientSampleId :

MW-14DL

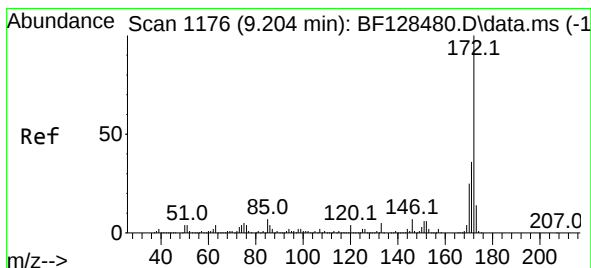
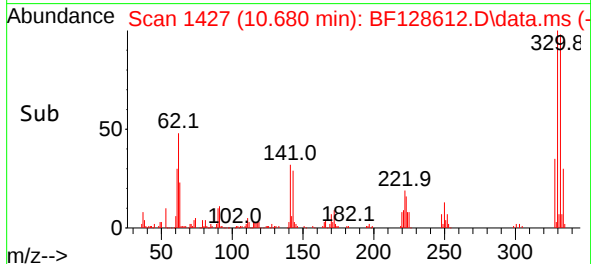
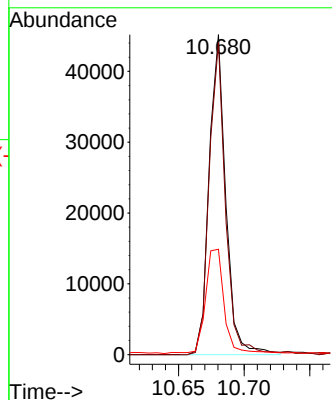
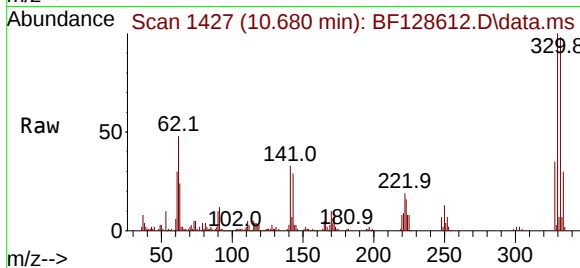
Tgt Ion:330 Resp: 39974

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 37.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 20.123 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128612.D

Acq: 01 Jun 2022 00:06

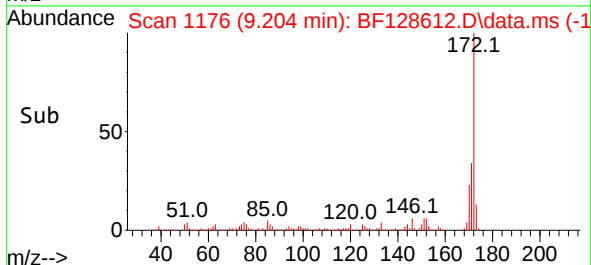
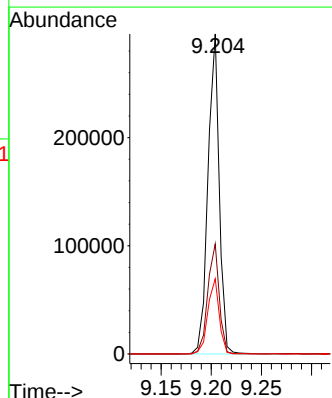
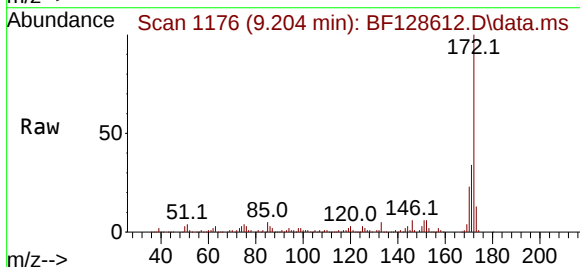
Tgt Ion:172 Resp: 232655

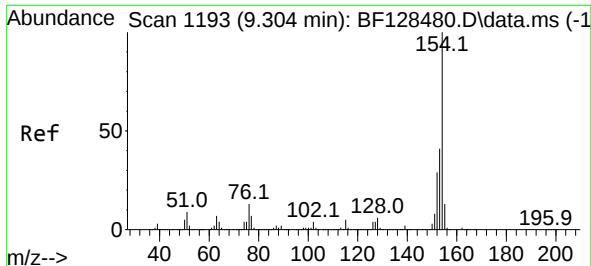
Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 23.5 19.8 29.8

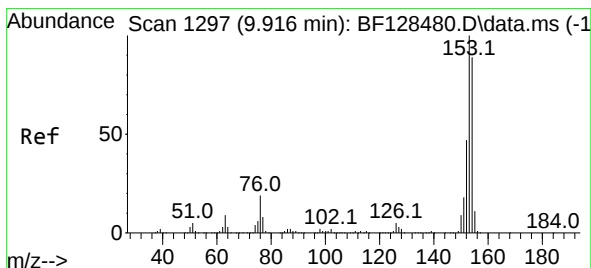
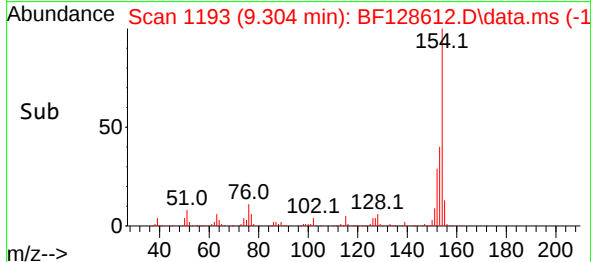
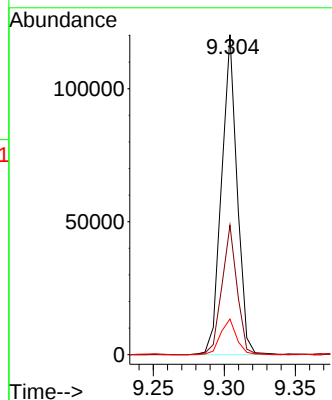
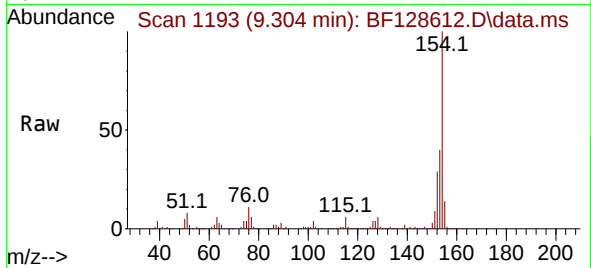




#46
1,1'-Biphenyl
Concen: 6.936 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

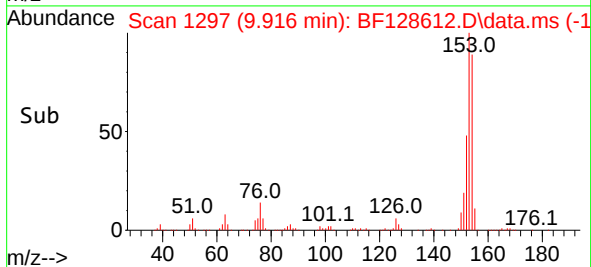
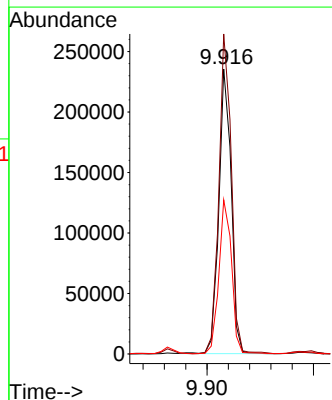
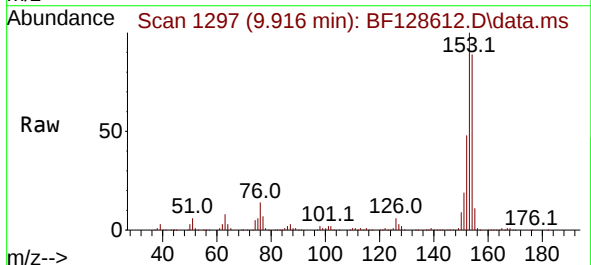
Instrument :
BNA_F
ClientSampleId :
MW-14DL

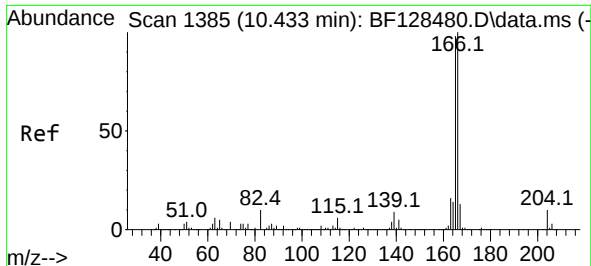
Tgt Ion:154 Resp: 91482
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 11.2 0.0 33.3



#52
Acenaphthene
Concen: 19.225 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

Tgt Ion:154 Resp: 188662
Ion Ratio Lower Upper
154 100
153 112.3 89.6 134.4
152 54.1 42.4 63.6

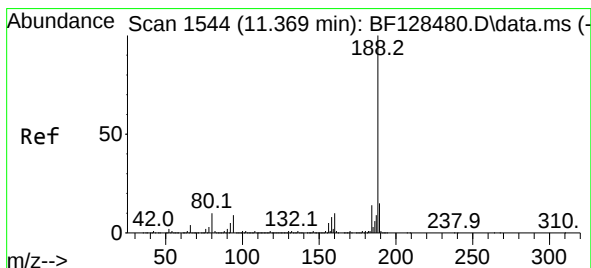
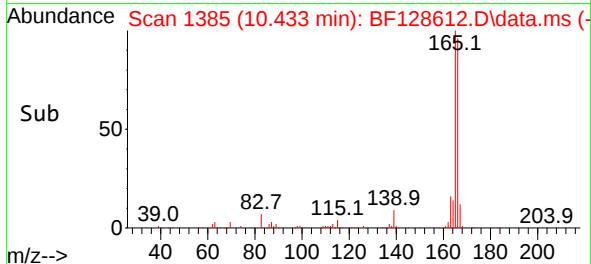
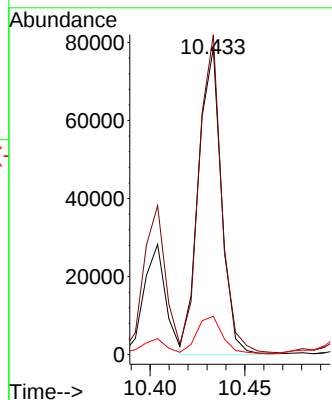
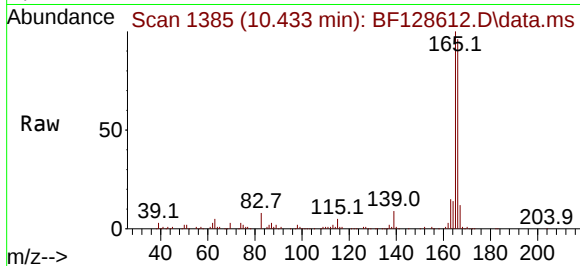




#58
Fluorene
Concen: 6.326 ng
RT: 10.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

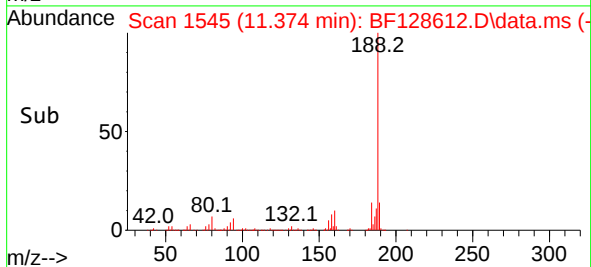
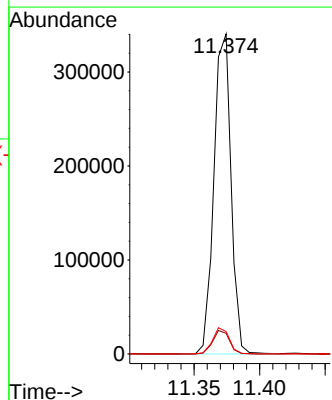
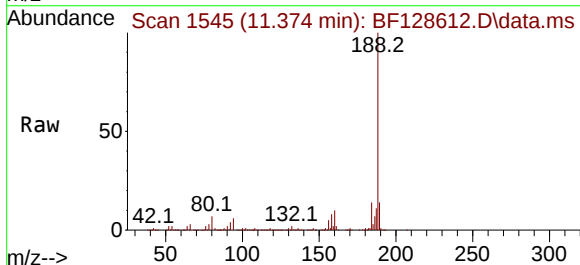
Instrument :
BNA_F
ClientSampleId :
MW-14DL

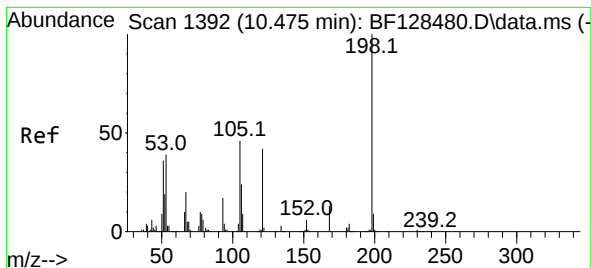
Tgt Ion:166 Resp: 66305
Ion Ratio Lower Upper
166 100
165 104.4 78.1 117.1
167 12.5 10.5 15.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. 0.006 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

Tgt Ion:188 Resp: 309776
Ion Ratio Lower Upper
188 100
94 6.5 7.0 10.6#
80 7.0 7.6 11.4#

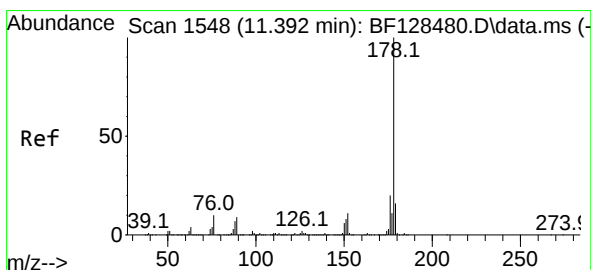
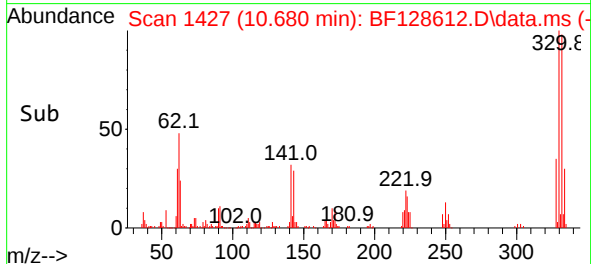
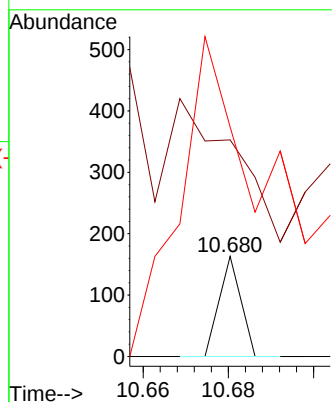
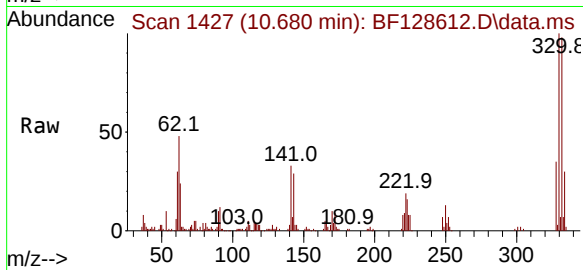




#65
4,6-Dinitro-2-methylphenol
Concen: 5.538 ng
RT: 10.680 min Scan# 1427
Delta R.T. 0.205 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

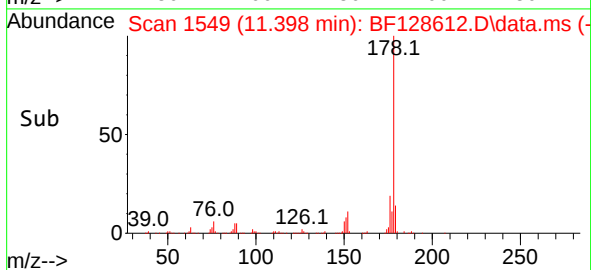
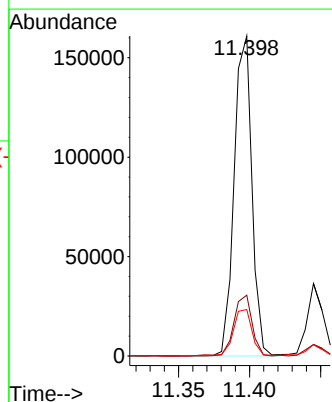
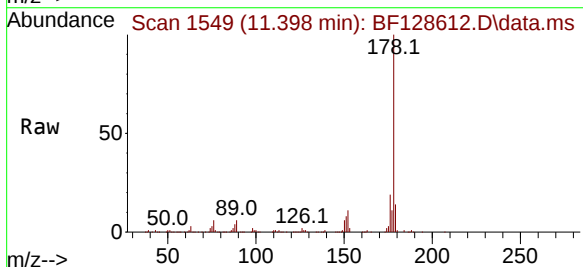
Instrument :
BNA_F
ClientSampleId :
MW-14DL

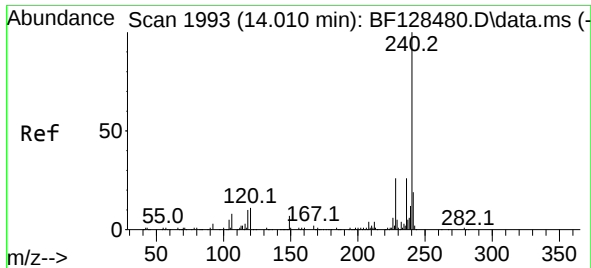
Tgt Ion:198 Resp: 58
Ion Ratio Lower Upper
198 100
51 216.6 37.6 77.6#
105 229.4 27.0 67.0#



#71
Phenanthrene
Concen: 9.522 ng
RT: 11.398 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

Tgt Ion:178 Resp: 139724
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 14.5 12.6 19.0

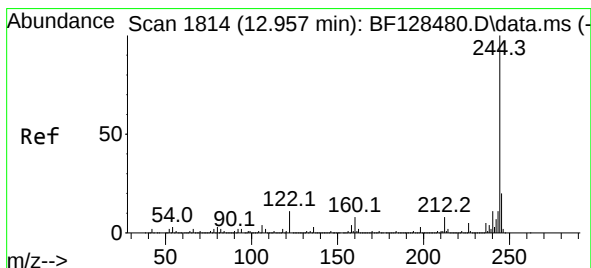
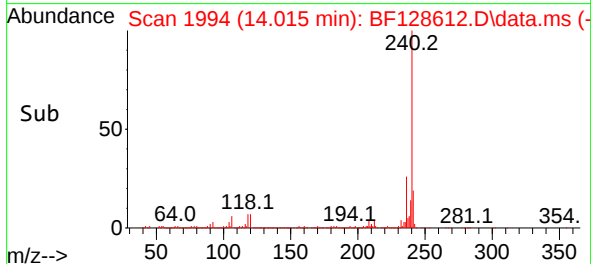
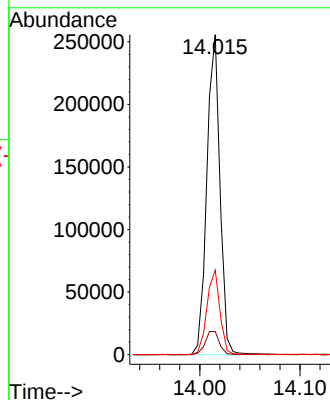
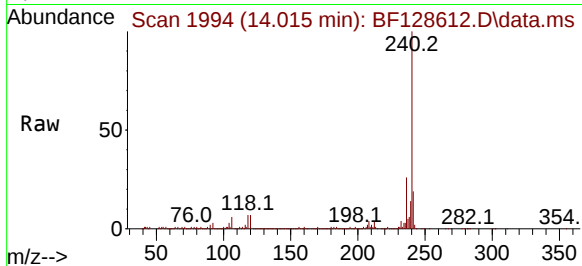




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

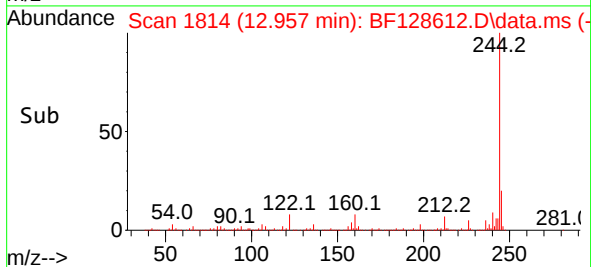
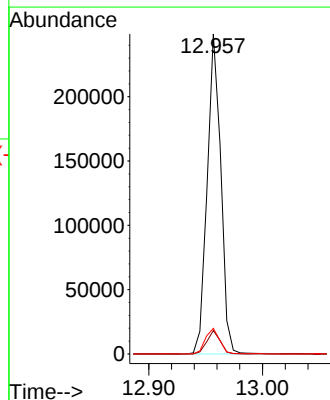
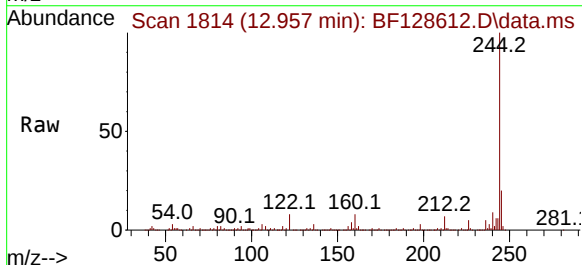
Instrument :
BNA_F
ClientSampleId :
MW-14DL

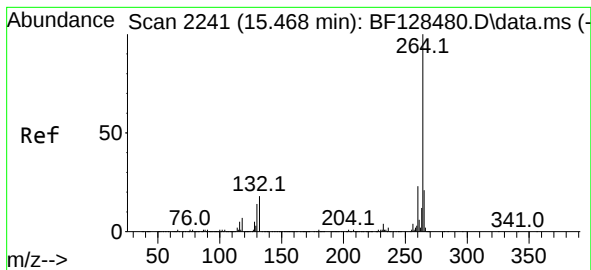
Tgt Ion:240 Resp: 233585
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3#
236 26.4 20.8 31.2



#79
Terphenyl-d14
Concen: 17.059 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

Tgt Ion:244 Resp: 206248
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 8.0 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

Instrument :
BNA_F
ClientSampleId :
MW-14DL

Tgt Ion:264 Resp: 179032

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.2	17.2	25.8

