

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128610.D
 Acq On : 31 May 2022 23:05
 Operator : CG\JU
 Sample : N3087-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03DL

Quant Time: Jun 01 00:59:29 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)

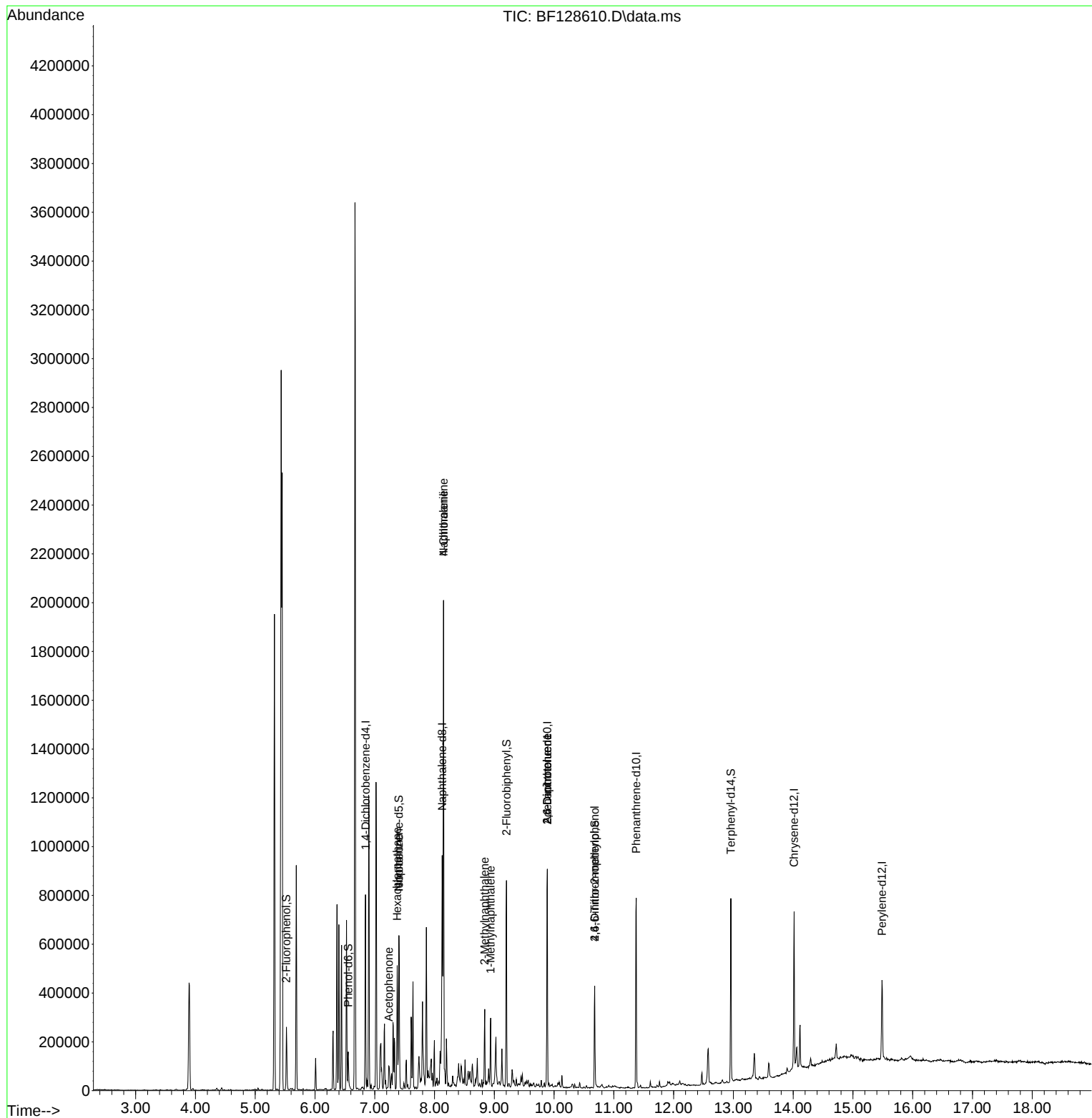
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	102076	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	360238	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	178484	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	285875	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	214096	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	156509	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	61911	10.046	ng	0.07
7) Phenol-d6	6.557	99	44678	5.686	ng	0.09
23) Nitrobenzene-d5	7.404	82	115951	18.568	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	44378	26.122	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	238336	21.694	ng	0.00
79) Terphenyl-d14	12.957	244	225865	20.382	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.398	77	26364	Below Cal	#	1
18) Hexachloroethane	7.375	117	30952	11.949	ng	# 1
22) Acetophenone	7.234	105	44475	5.354	ng	# 58
25) Isophorone	7.404	82	114952	9.979	ng	# 66
31) Naphthalene	8.151	128	706044	40.045	ng	99
33) 4-Chloroaniline	8.151	127	95119	13.549	ng	# 33
37) 2-Methylnaphthalene	8.839	142	68048	6.114	ng	97
38) 1-Methylnaphthalene	8.939	142	58737	5.427	ng	97
51) 2,6-Dinitrotoluene	9.886	165	24092	11.354	ng	# 27
57) 2,4-Dinitrotoluene	9.886	165	24092	9.491	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.680	198	132	5.590	ng	# 1

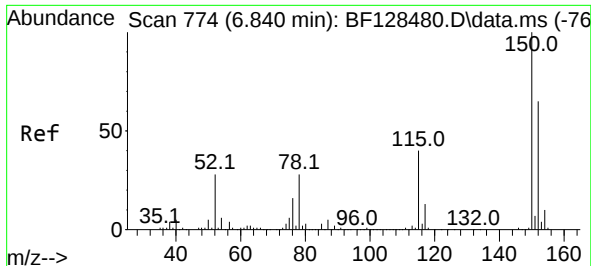
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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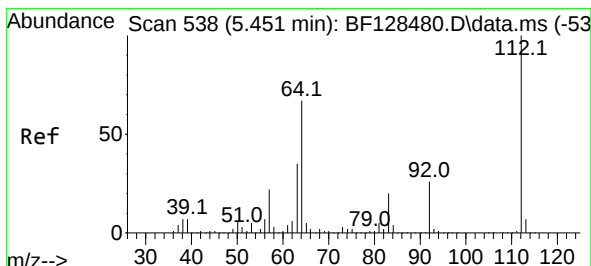
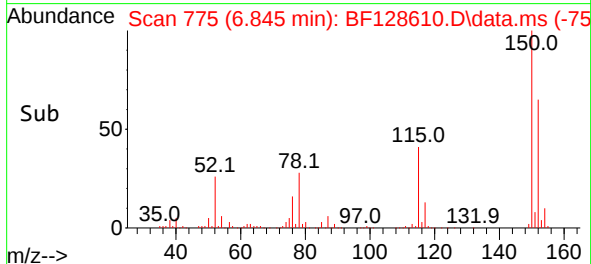
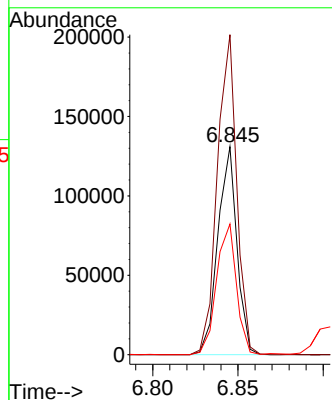
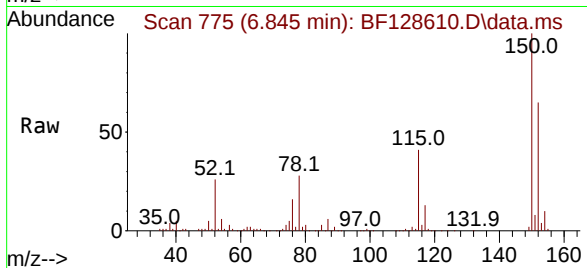




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

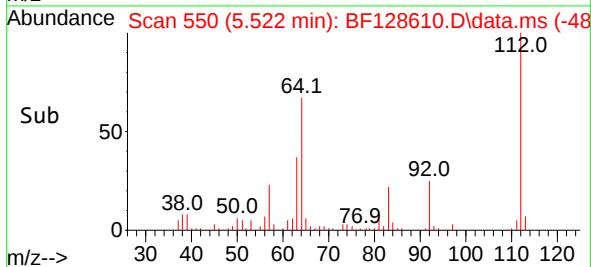
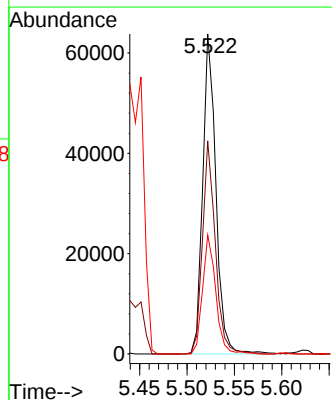
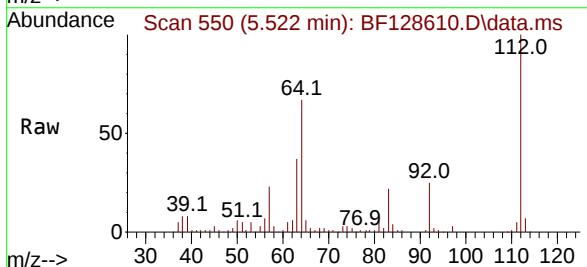
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BNA_F
ClientSampleId :
MW-03DL

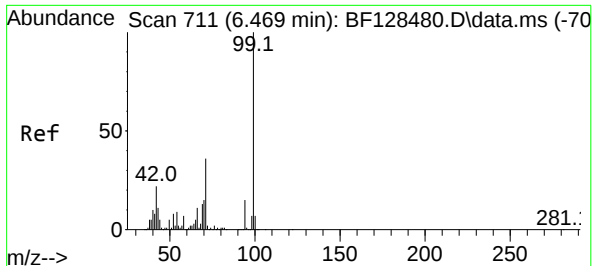
Tgt Ion:152 Resp: 102076
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 62.8 49.9 74.9



#5
2-Fluorophenol
Concen: 10.046 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.070 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

Tgt Ion:112 Resp: 61911
Ion Ratio Lower Upper
112 100
64 66.6 53.3 79.9
63 37.2 28.0 42.0

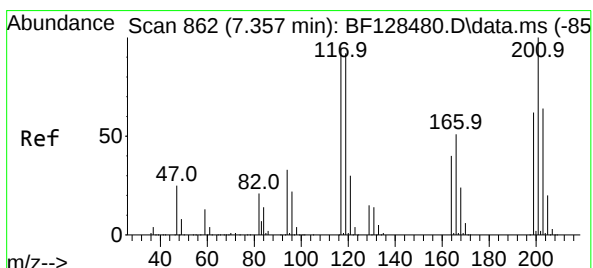
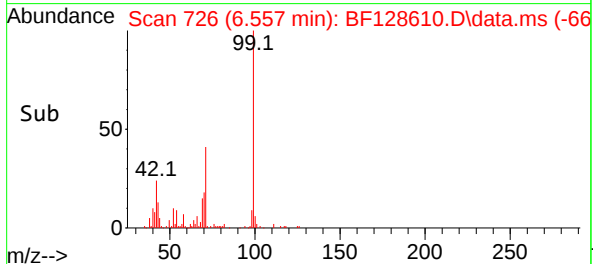
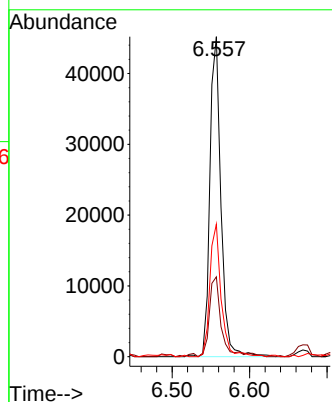
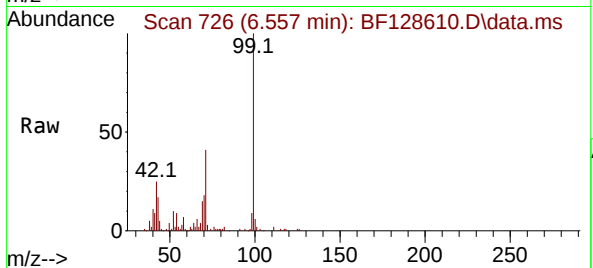




#7
Phenol-d6
Concen: 5.686 ng
RT: 6.557 min Scan# 711
Delta R.T. 0.088 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

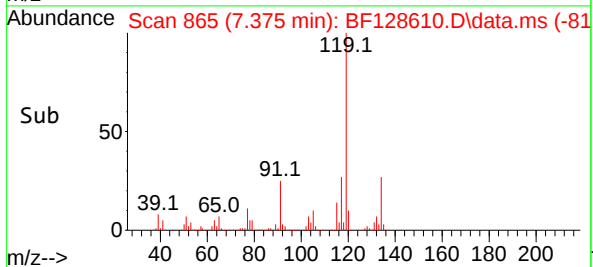
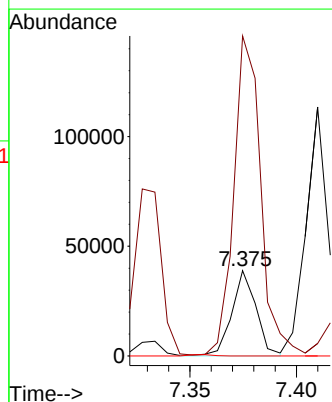
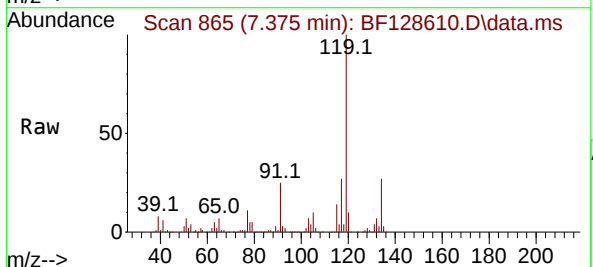
Instrument :
BNA_F
ClientSampleId :
MW-03DL

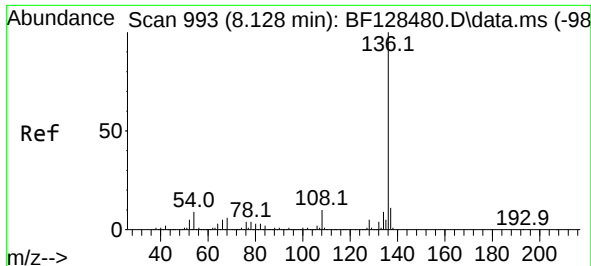
Tgt Ion: 99 Resp: 44678
Ion Ratio Lower Upper
99 100
42 25.0 17.3 25.9
71 41.4 28.9 43.3



#18
Hexachloroethane
Concen: 11.949 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.018 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

Tgt Ion: 117 Resp: 30952
Ion Ratio Lower Upper
117 100
119 375.1 77.4 116.2#
201 0.0 84.6 127.0#

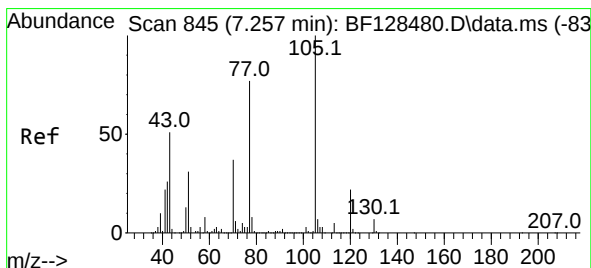
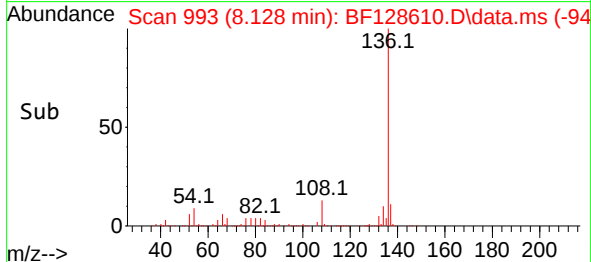
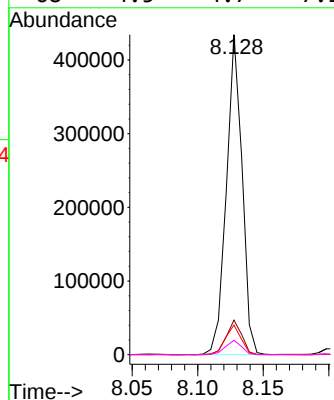
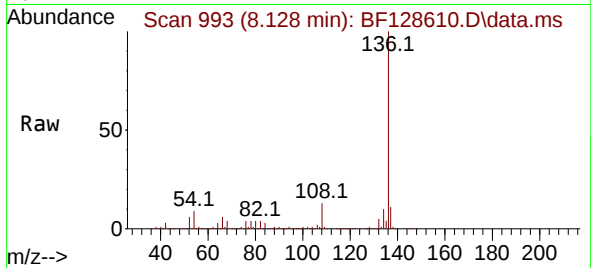




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

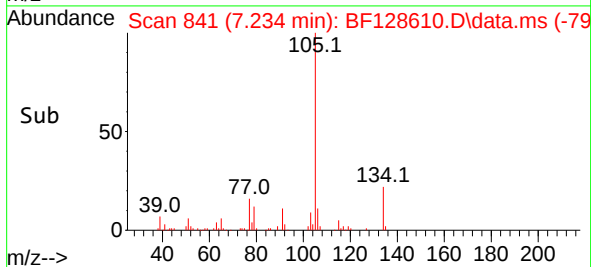
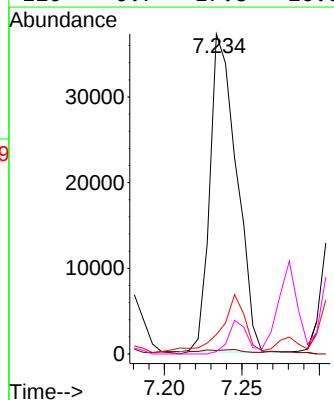
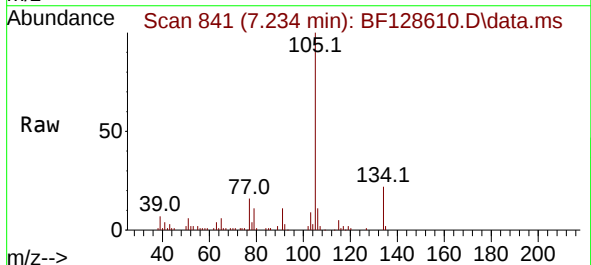
Instrument :
BNA_F
ClientSampleId :
MW-03DL

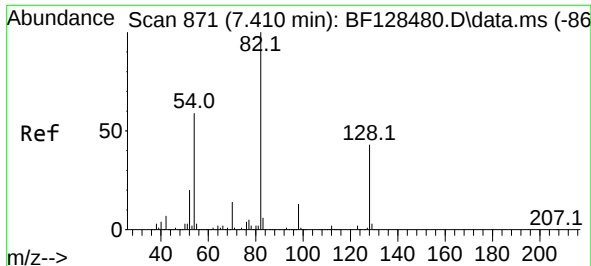
Tgt Ion:136 Resp: 360238
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.3 7.5 11.3
68 4.5 4.7 7.1#



#22
Acetophenone
Concen: 5.354 ng
RT: 7.234 min Scan# 841
Delta R.T. -0.024 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

Tgt Ion:105 Resp: 44475
Ion Ratio Lower Upper
105 100
71 1.1 5.0 7.4#
51 6.1 25.0 37.4#
120 0.7 17.8 26.8#

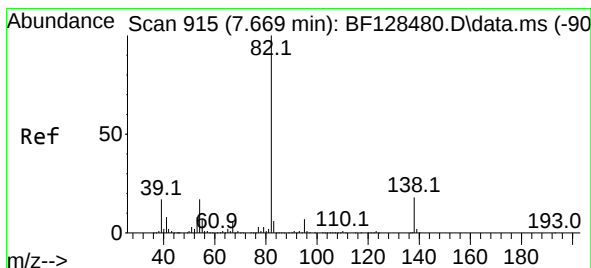
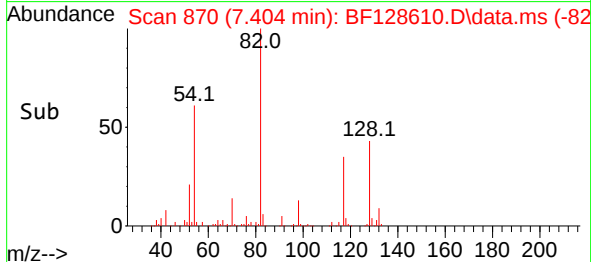
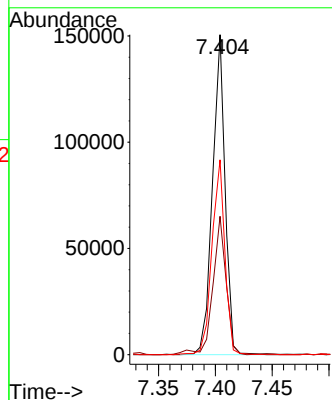
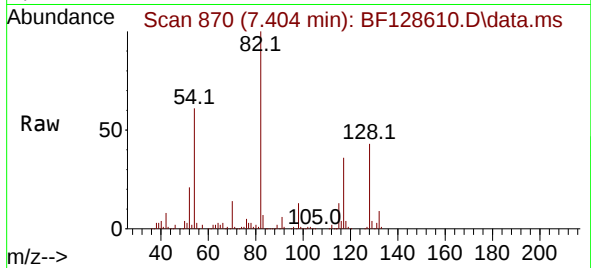




#23
Nitrobenzene-d5
Concen: 18.568 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

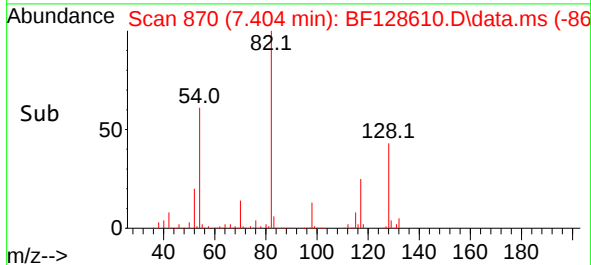
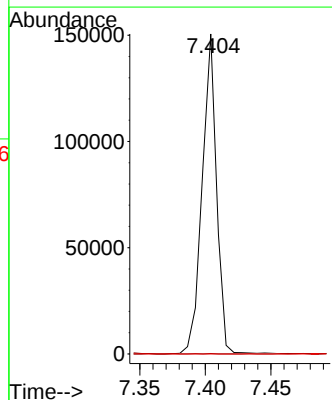
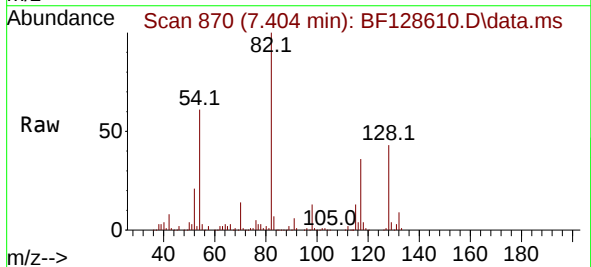
Instrument :
BNA_F
ClientSampleId :
MW-03DL

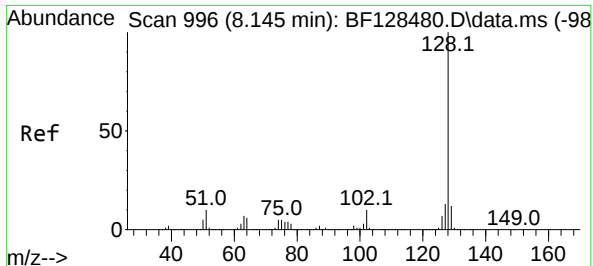
Tgt Ion: 82 Resp: 115951
Ion Ratio Lower Upper
82 100
128 43.3 34.0 51.0
54 60.9 46.9 70.3



#25
Isophorone
Concen: 9.979 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.265 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

Tgt Ion: 82 Resp: 114952
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#

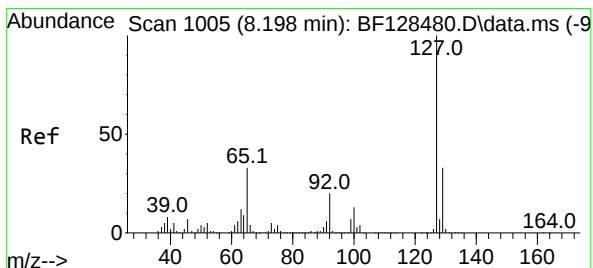
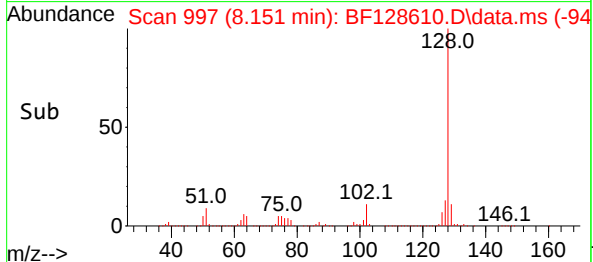
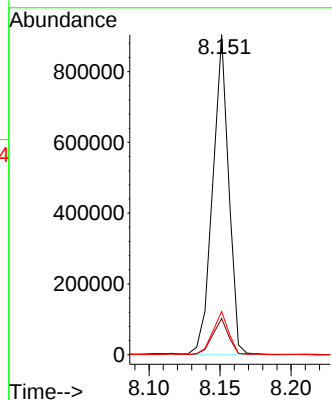
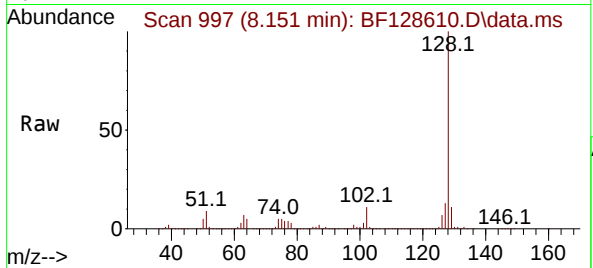




#31
Naphthalene
Concen: 40.045 ng
RT: 8.151 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

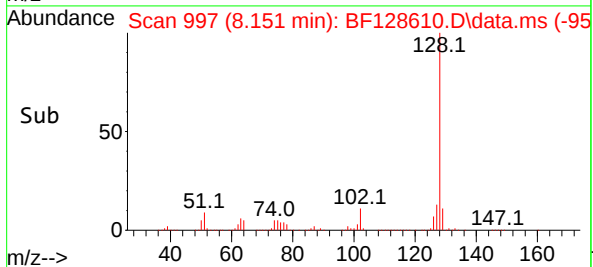
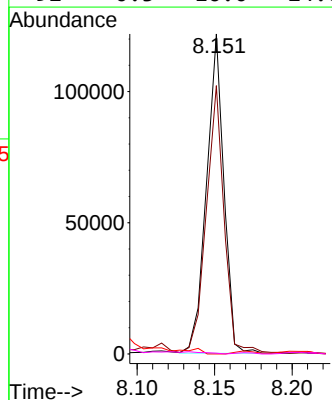
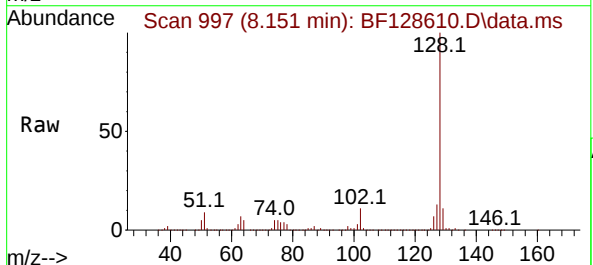
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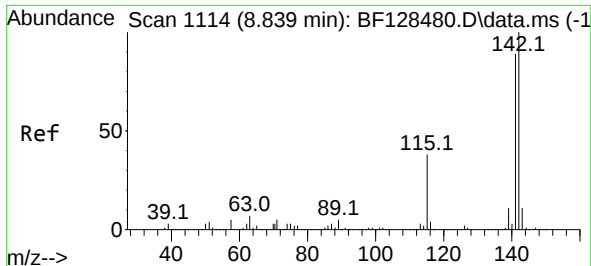
Tgt Ion:128 Resp: 706044
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.5 10.5 15.7



#33
4-Chloroaniline
Concen: 13.549 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.047 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

Tgt Ion:127 Resp: 95119
Ion Ratio Lower Upper
127 100
129 83.9 26.4 39.6#
65 0.0 26.4 39.6#
92 0.3 16.0 24.0#

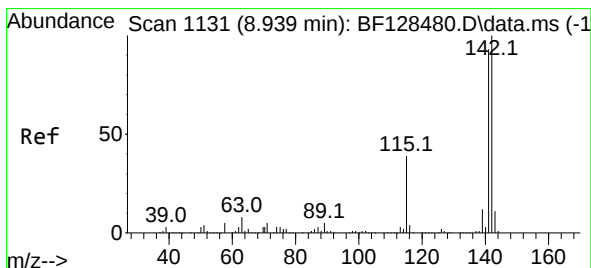
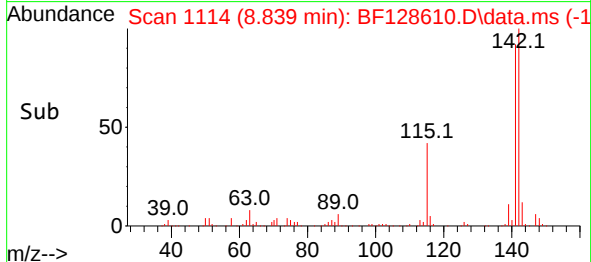
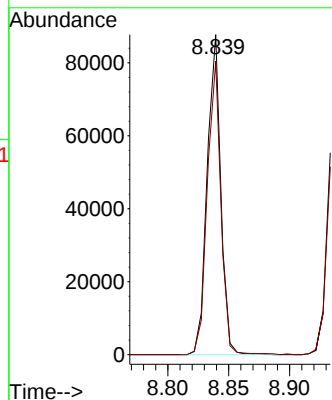
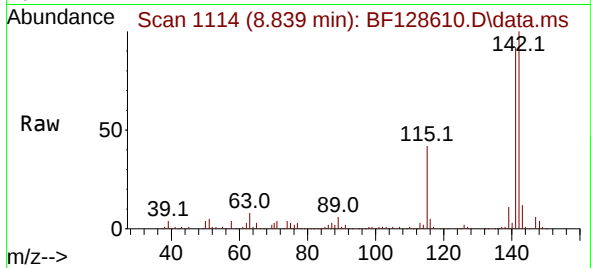




#37
2-Methylnaphthalene
Concen: 6.114 ng
RT: 8.839 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

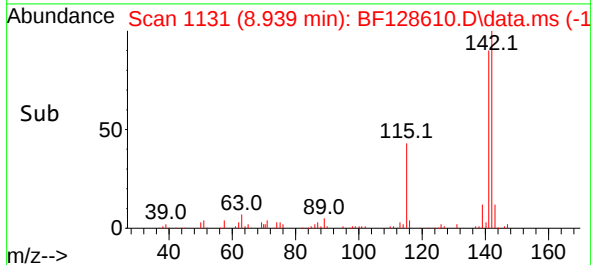
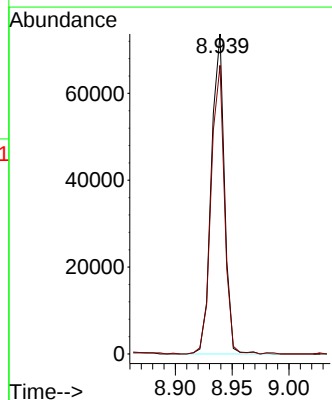
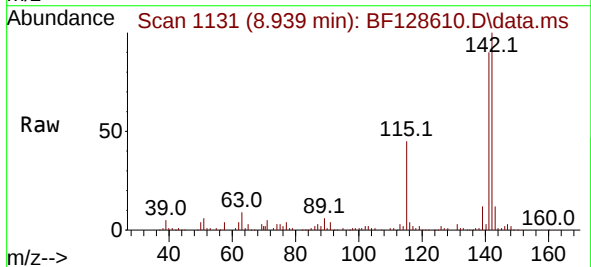
Instrument :
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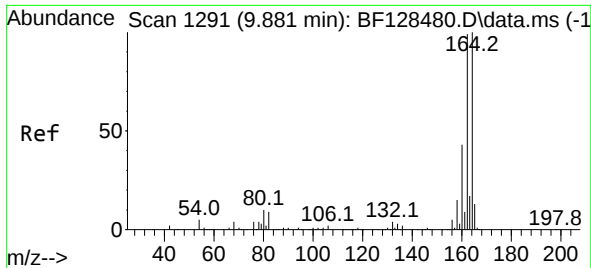
Tgt Ion:142 Resp: 68048
Ion Ratio Lower Upper
142 100
141 91.7 71.0 106.4



#38
1-Methylnaphthalene
Concen: 5.427 ng
RT: 8.939 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

Tgt Ion:142 Resp: 58737
Ion Ratio Lower Upper
142 100
141 90.2 74.2 111.4

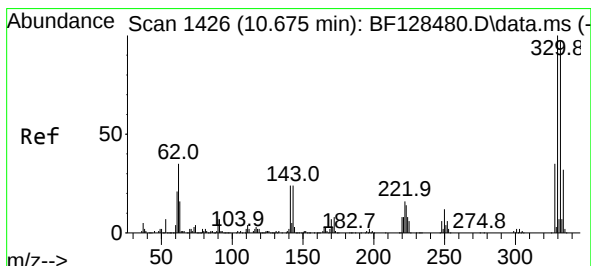
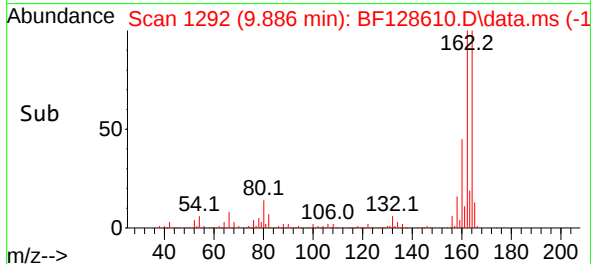
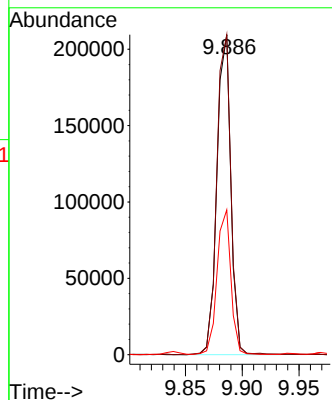
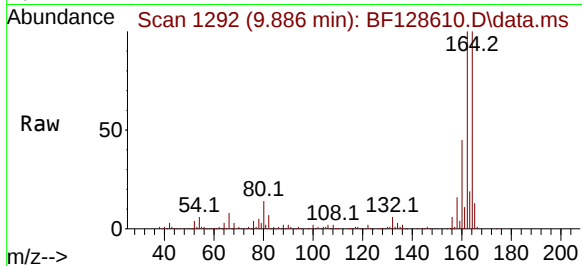




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1291
Delta R.T. 0.005 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

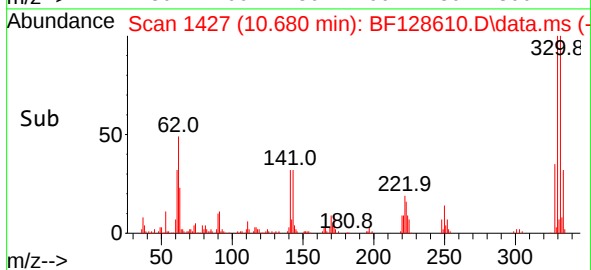
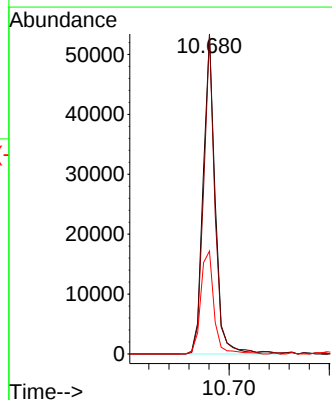
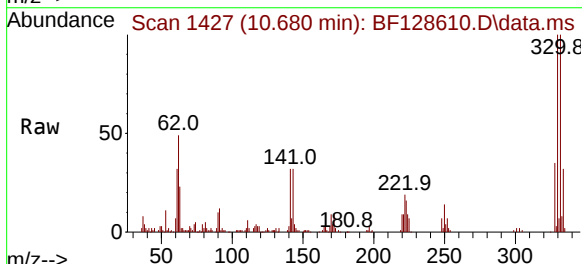
Instrument :
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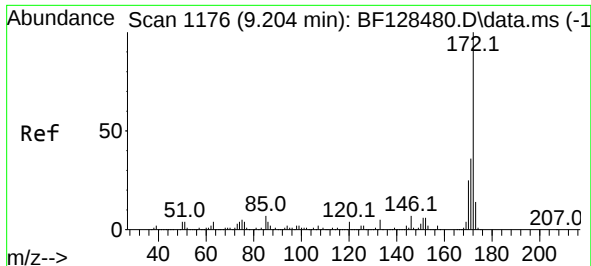
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Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 45.3 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 26.122 ng
RT: 10.680 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

Tgt Ion:330 Resp: 44378
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 35.5 28.0 42.0

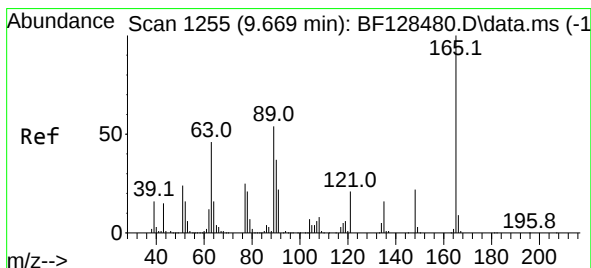
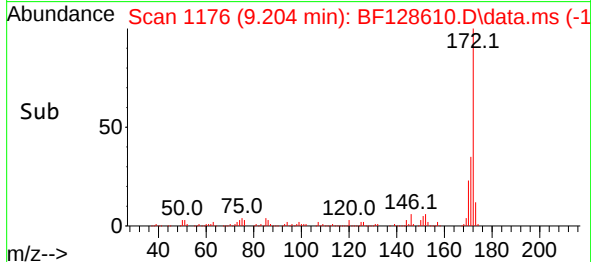
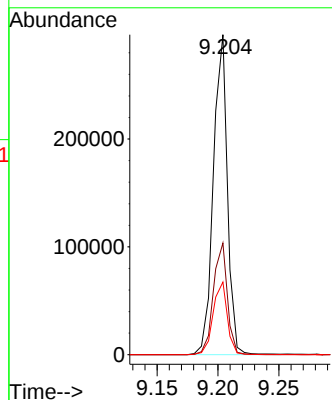
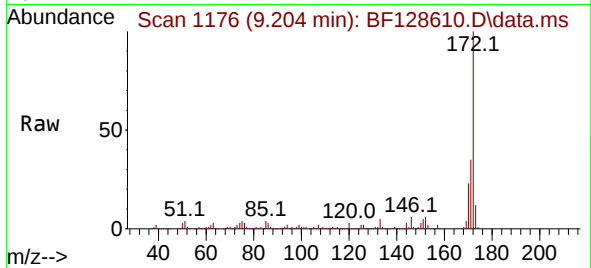




#45
2-Fluorobiphenyl
Concen: 21.694 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

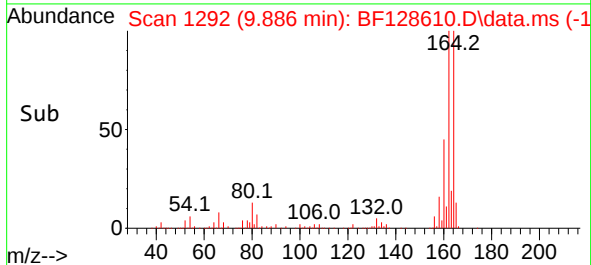
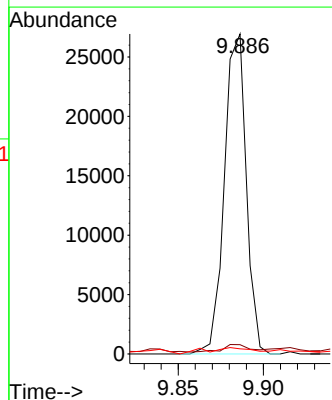
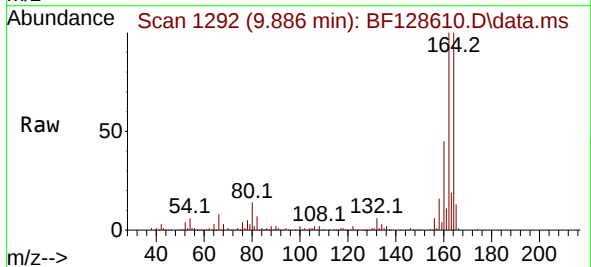
Instrument :
BNA_F
ClientSampleId :
MW-03DL

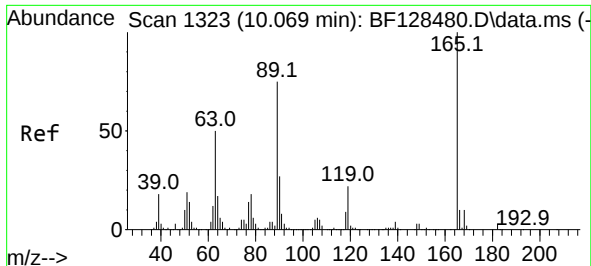
Tgt Ion:172 Resp: 238336
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 22.7 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 11.354 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.218 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

Tgt Ion:165 Resp: 24092
Ion Ratio Lower Upper
165 100
63 2.9 44.9 67.3#
89 1.6 43.6 65.4#

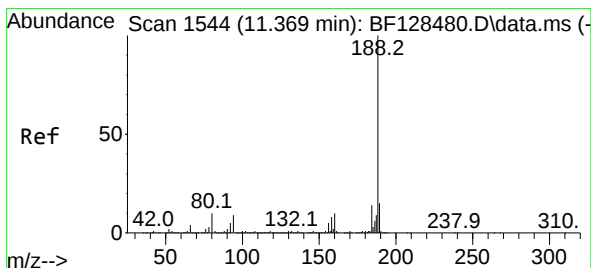
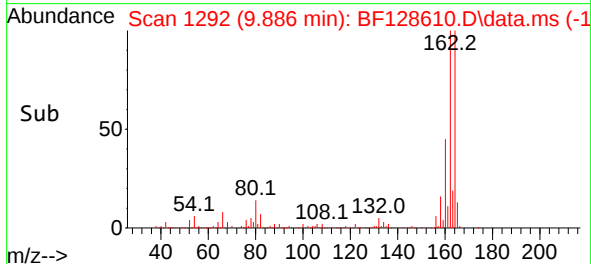
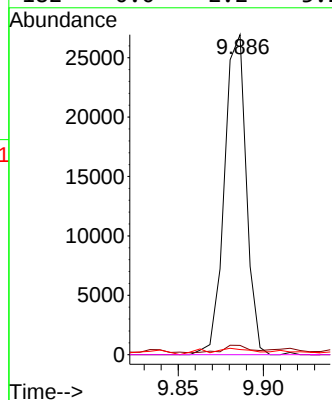
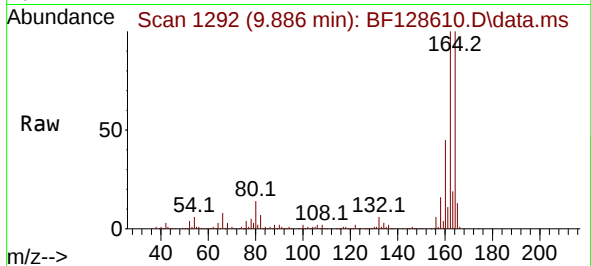




#57
2,4-Dinitrotoluene
Concen: 9.491 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

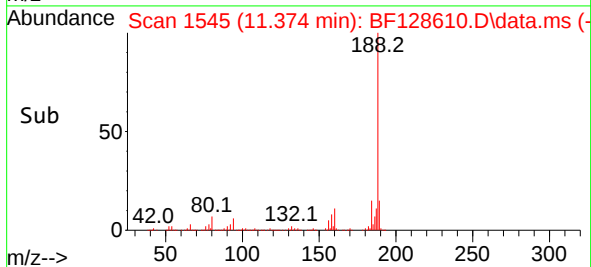
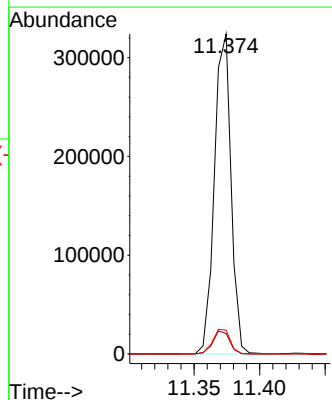
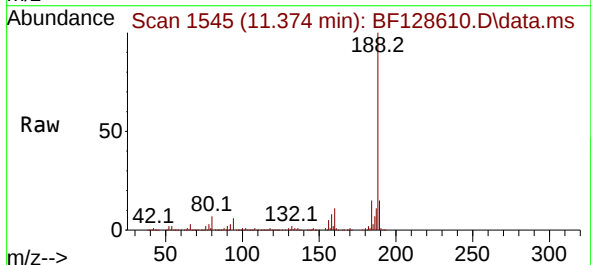
Instrument :
BNA_F
ClientSampleId :
MW-03DL

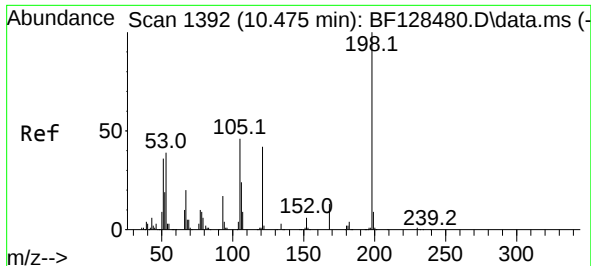
Tgt Ion:165 Resp: 24092
Ion Ratio Lower Upper
165 100
63 2.9 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. 0.006 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

Tgt Ion:188 Resp: 285875
Ion Ratio Lower Upper
188 100
94 6.4 7.0 10.6#
80 7.5 7.6 11.4#

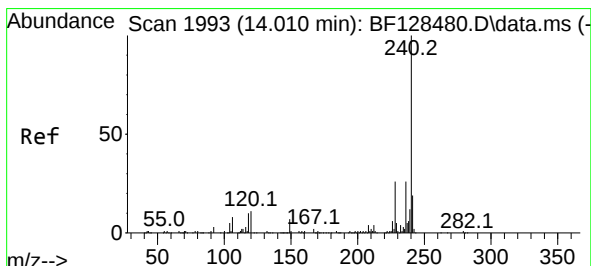
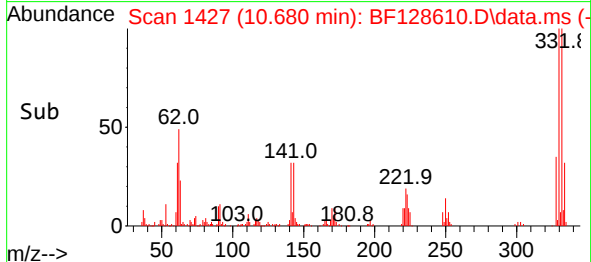
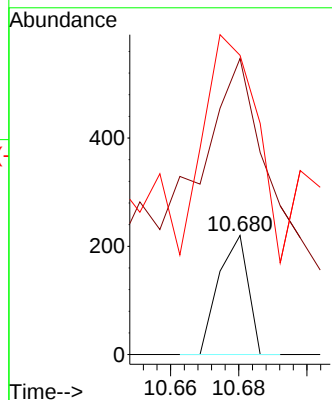
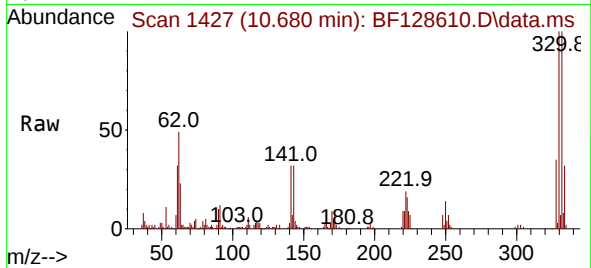




#65
4,6-Dinitro-2-methylphenol
Concen: 5.590 ng
RT: 10.680 min Scan# 14
Delta R.T. 0.205 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

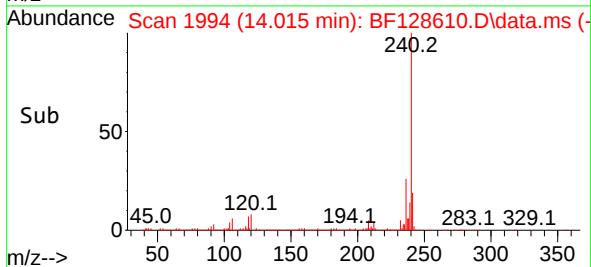
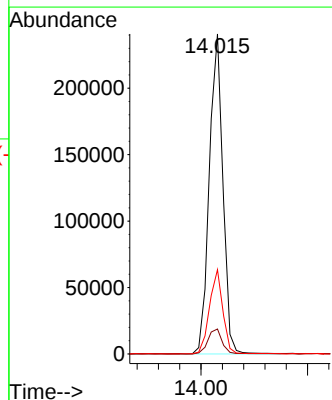
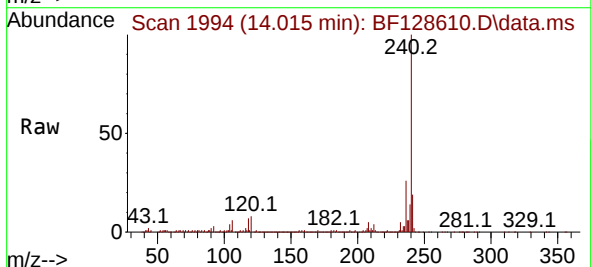
Instrument :
BNA_F
ClientSampleId :
MW-03DL

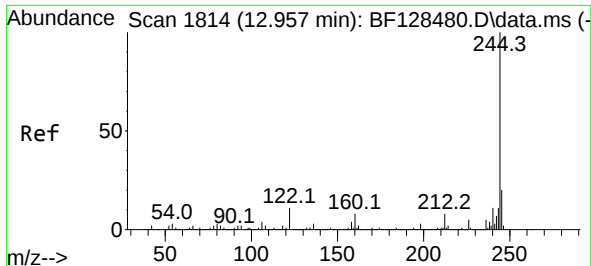
Tgt Ion:198 Resp: 132
Ion Ratio Lower Upper
198 100
51 248.6 37.6 77.6#
105 251.4 27.0 67.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF128610.D
Acq: 31 May 2022 23:05

Tgt Ion:240 Resp: 214096
Ion Ratio Lower Upper
240 100
120 7.8 8.9 13.3#
236 26.3 20.8 31.2

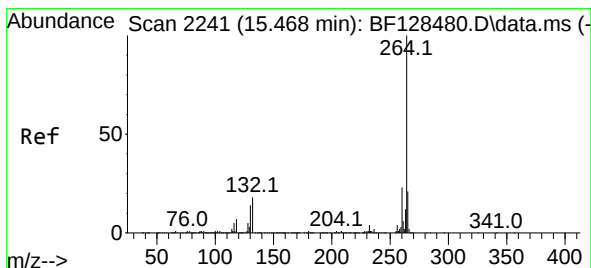
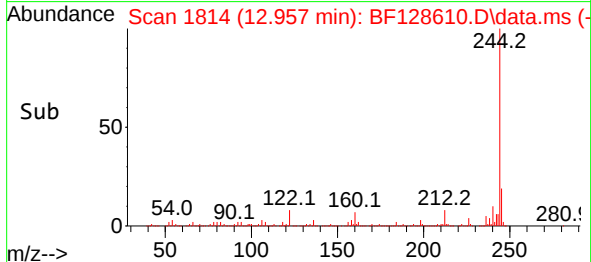
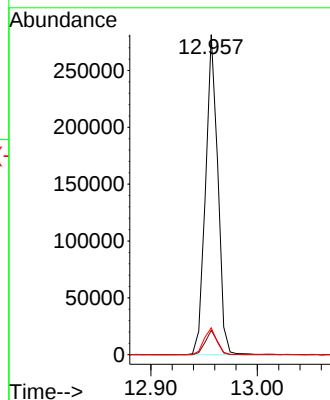
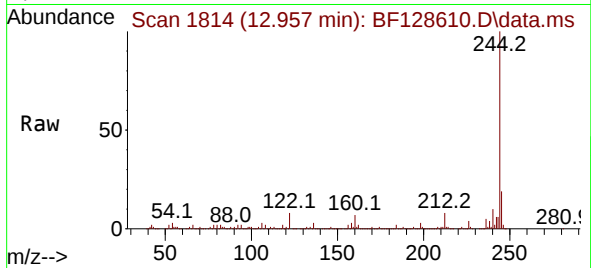




#79
 Terphenyl-d14
 Concen: 20.382 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128610.D
 Acq: 31 May 2022 23:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-03DL

Tgt Ion:244 Resp: 225865
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 8.4 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2244
 Delta R.T. 0.018 min
 Lab File: BF128610.D
 Acq: 31 May 2022 23:05

Tgt Ion:264 Resp: 156509
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.4 27.6
 265 21.7 17.2 25.8

