

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128595.D
 Acq On : 31 May 2022 15:17
 Operator : CG\JU
 Sample : N3087-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Jun 01 00:57:17 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

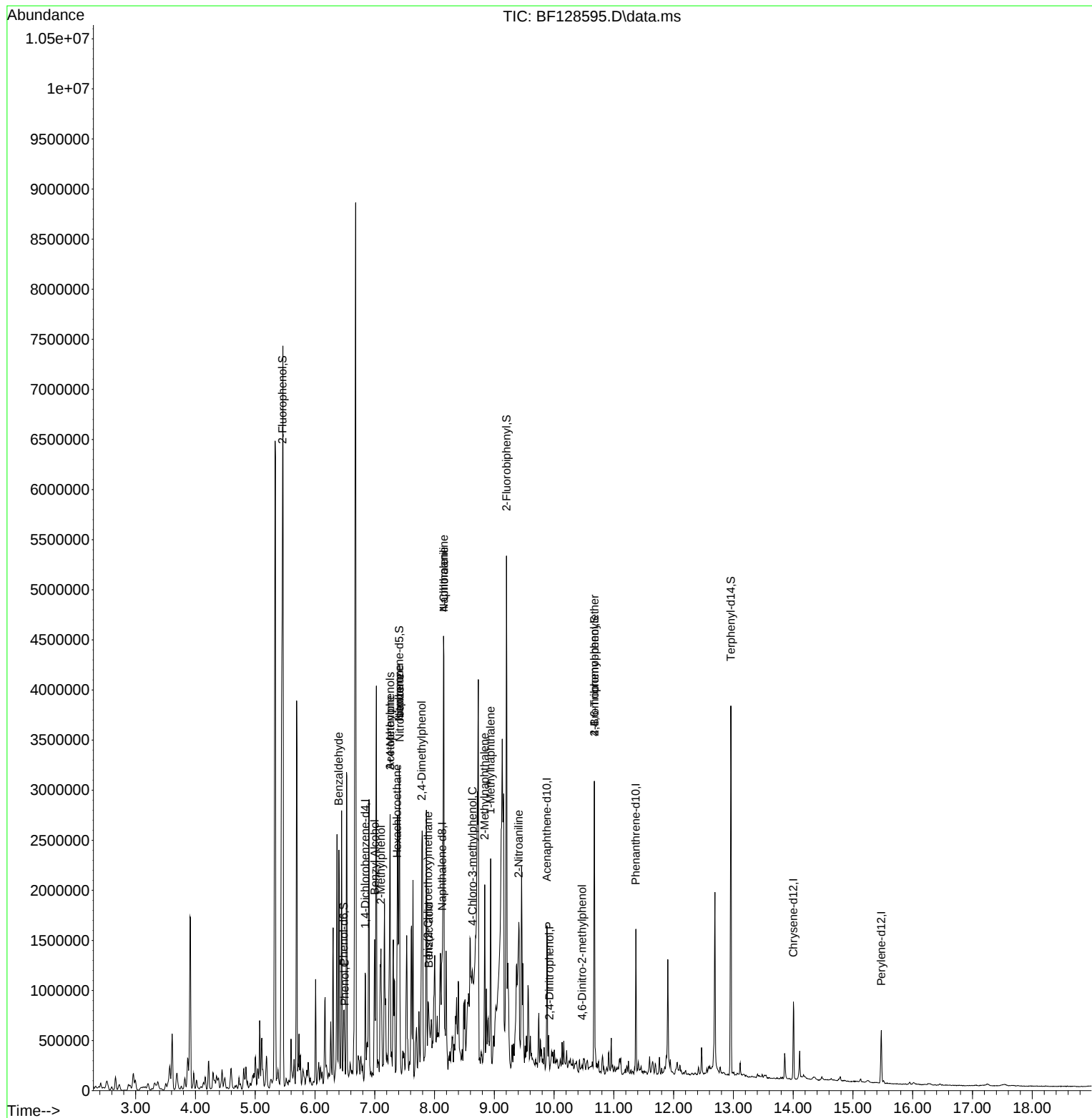
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	122150	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	457995	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	281285	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	478512	20.000	ng	0.00
76) Chrysene-d12	14.004	240	277658	20.000	ng	0.00
86) Perylene-d12	15.474	264	238941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	263527	35.735	ng	0.00
7) Phenol-d6	6.481	99	259012	27.547	ng	0.01
23) Nitrobenzene-d5	7.410	82	664730	83.728	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	343107	128.151	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1312729	75.821	ng	0.00
79) Terphenyl-d14	12.957	244	1344809	93.573	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	99750	17.733	ng	# 1
10) Phenol	6.498	94	92685	9.948	ng	90
15) Benzyl Alcohol	6.998	79	35236	4.913	ng	# 52
17) 2-Methylphenol	7.104	107	99453	15.281	ng	# 90
18) Hexachloroethane	7.375	117	181382	58.516	ng	# 1
20) 3+4-Methylphenols	7.257	107	47873	6.089	ng	# 1
22) Acetophenone	7.257	105	899571	85.183	ng	# 95
24) Nitrobenzene	7.416	77	27734	3.534	ng	# 6
25) Isophorone	7.410	82	659289	45.016	ng	# 66
27) 2,4-Dimethylphenol	7.787	122	419365	64.316	ng	92
28) bis(2-Chloroethoxy)met...	7.892	93	24451	2.572	ng	# 72
31) Naphthalene	8.157	128	2074274	92.536	ng	99
32) Benzoic acid	7.904	122	98914	21.460	ng	# 43
33) 4-Chloroaniline	8.157	127	293671	32.903	ng	# 37
36) 4-Chloro-3-methylphenol	8.634	107	58900	8.497	ng	# 31
37) 2-Methylnaphthalene	8.839	142	406061	28.699	ng	99
38) 1-Methylnaphthalene	8.939	142	308117	22.390	ng	100
48) 2-Nitroaniline	9.410	65	26660	6.184	ng	# 42
54) 2,4-Dinitrophenol	9.922	184	1668	7.719	ng	# 62
65) 4,6-Dinitro-2-methylph...	10.469	198	507	5.705	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	23054	4.663	ng	# 1

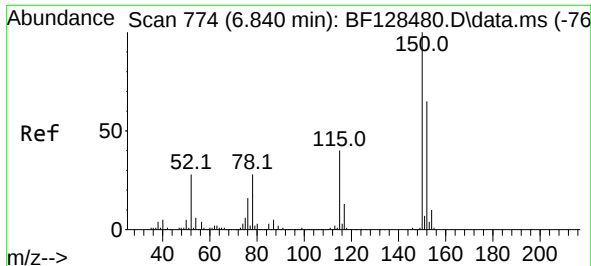
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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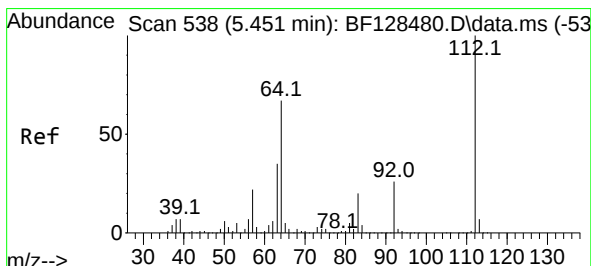
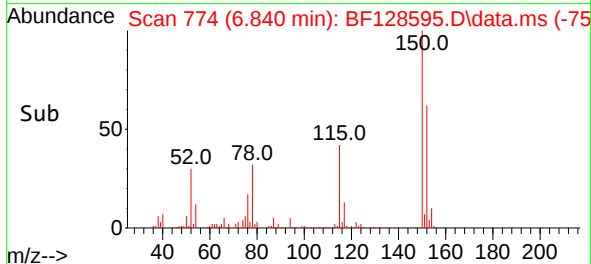
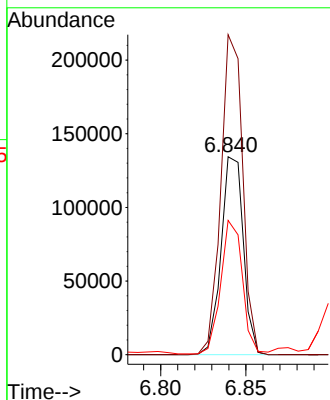
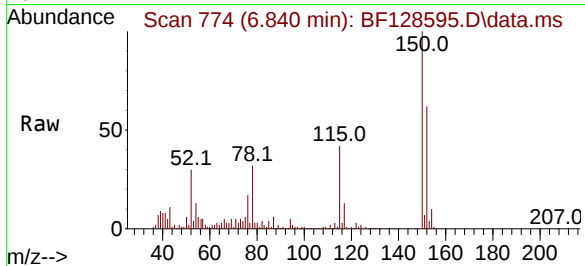




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

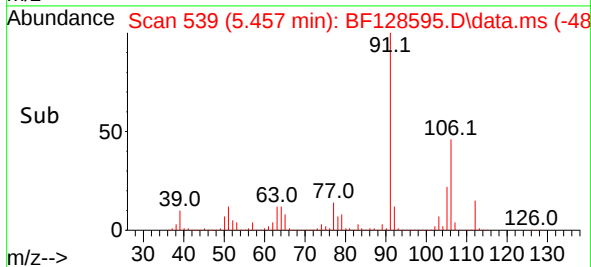
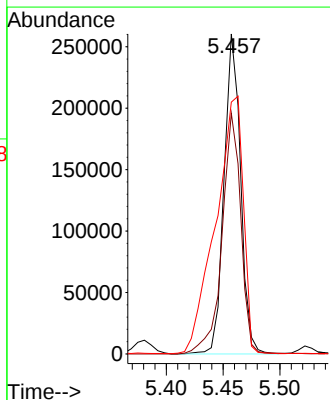
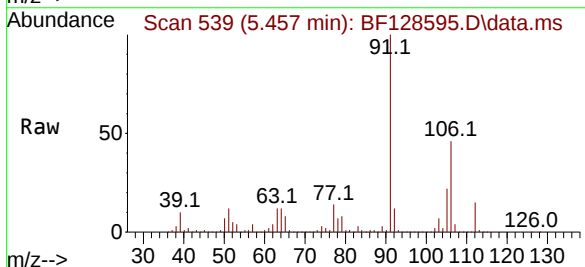
Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:152 Resp: 122150
Ion Ratio Lower Upper
152 100
150 161.7 123.7 185.5
115 67.8 49.9 74.9



#5
2-Fluorophenol
Concen: 35.735 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:112 Resp: 263527
Ion Ratio Lower Upper
112 100
64 75.2 53.3 79.9
63 78.7 28.0 42.0#

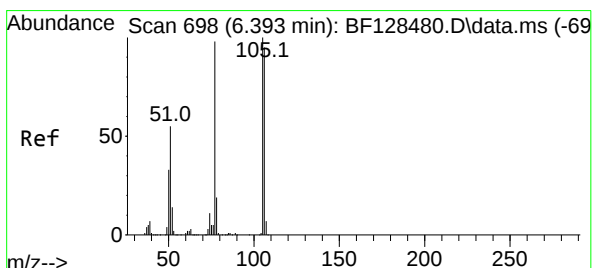
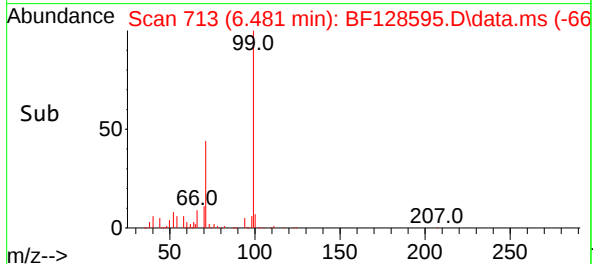
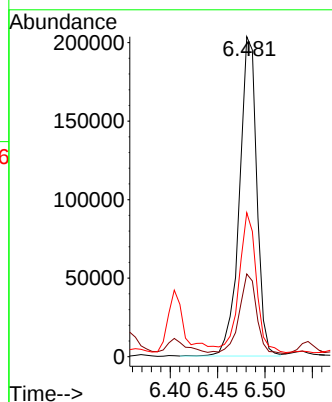
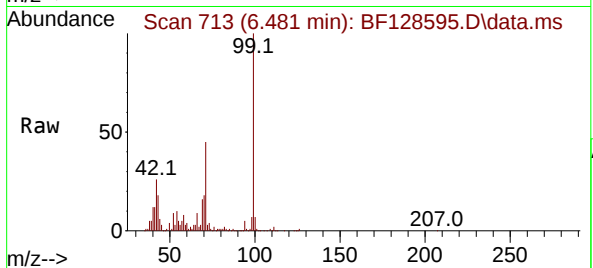




#7
Phenol-d6
Concen: 27.547 ng
RT: 6.481 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

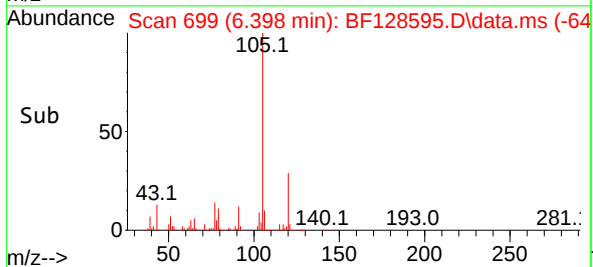
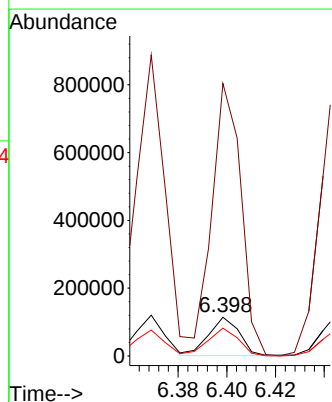
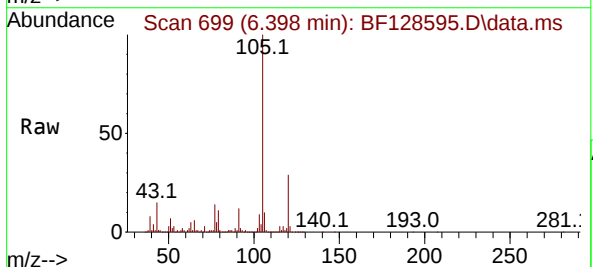
Instrument :
BNA_F
ClientSampleId :
MW-06

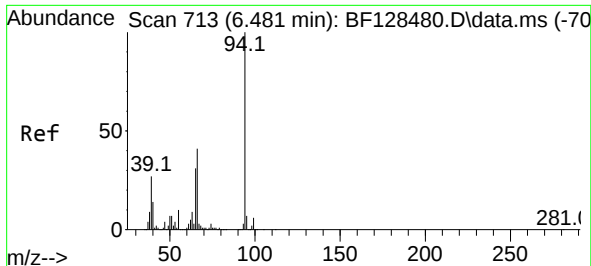
Tgt Ion: 99 Resp: 259012
Ion Ratio Lower Upper
99 100
42 25.9 17.3 25.9
71 45.0 28.9 43.3#



#9
Benzaldehyde
Concen: 17.733 ng
RT: 6.398 min Scan# 699
Delta R.T. 0.005 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion: 77 Resp: 99750
Ion Ratio Lower Upper
77 100
105 703.4 81.6 121.6#
106 72.1 76.1 116.1#

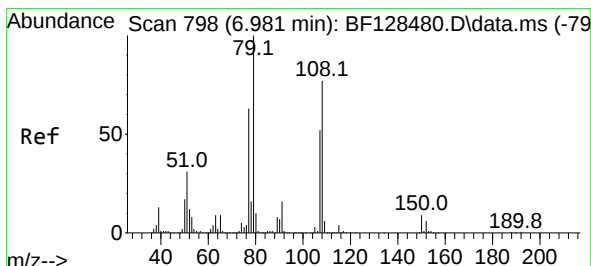
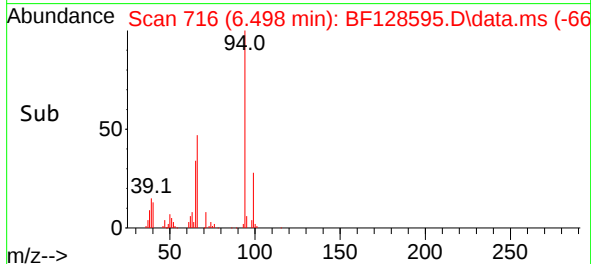
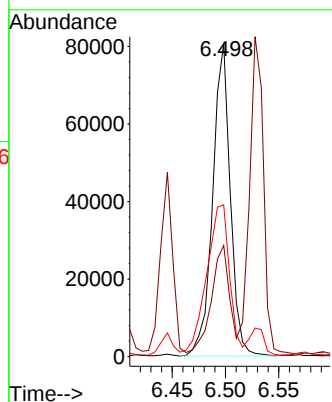
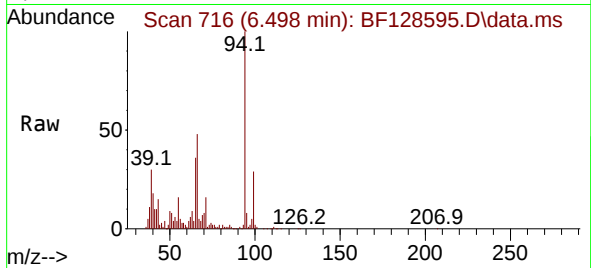




#10
Phenol
Concen: 9.948 ng
RT: 6.498 min Scan# 713
Delta R.T. 0.018 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

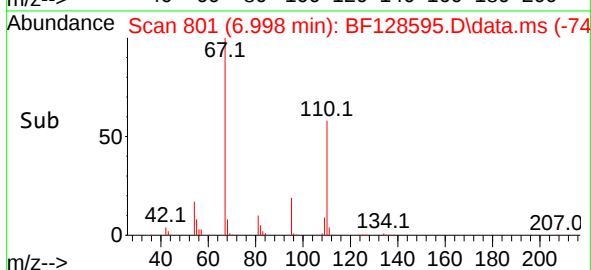
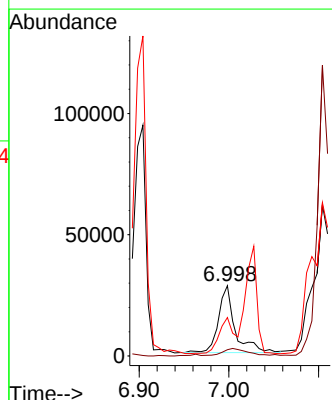
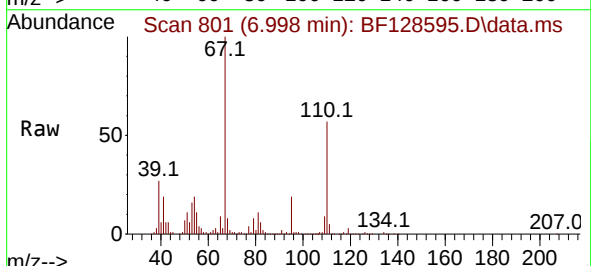
Instrument :
BNA_F
ClientSampleId :
MW-06

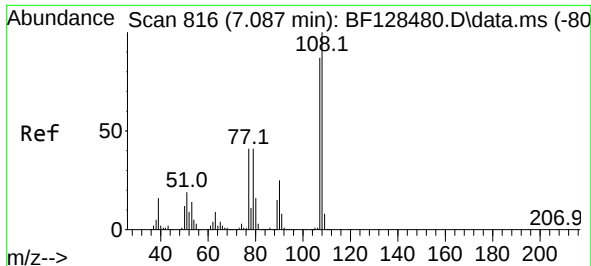
Tgt Ion: 94 Resp: 92685
Ion Ratio Lower Upper
94 100
65 35.5 11.4 51.4
66 48.5 21.4 61.4



#15
Benzyl Alcohol
Concen: 4.913 ng
RT: 6.998 min Scan# 801
Delta R.T. 0.018 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion: 79 Resp: 35236
Ion Ratio Lower Upper
79 100
108 8.9 61.8 92.6#
77 54.7 50.2 75.4

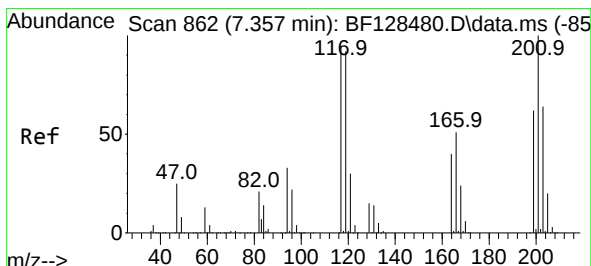
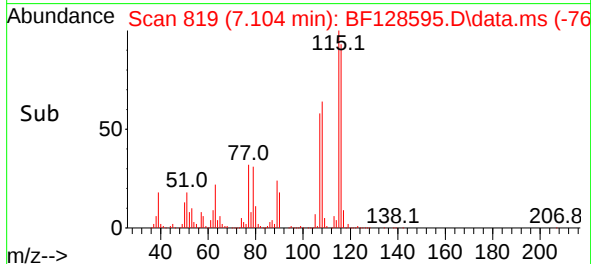
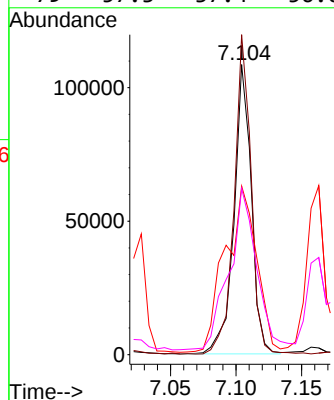
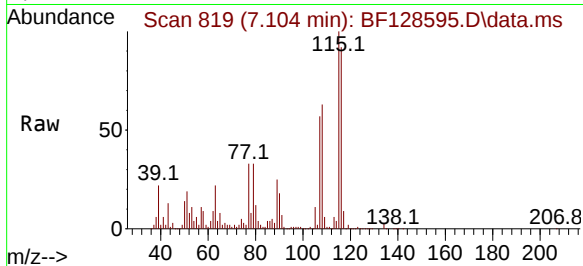




#17
2-Methylphenol
Concen: 15.281 ng
RT: 7.104 min Scan# 816
Delta R.T. 0.018 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

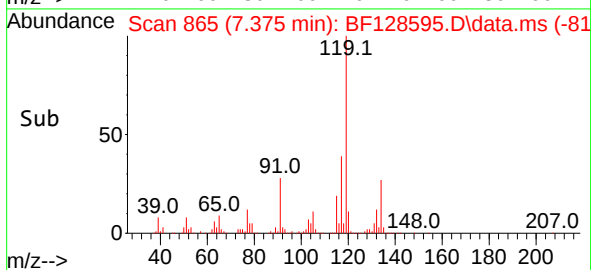
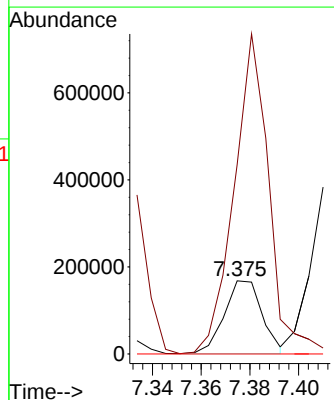
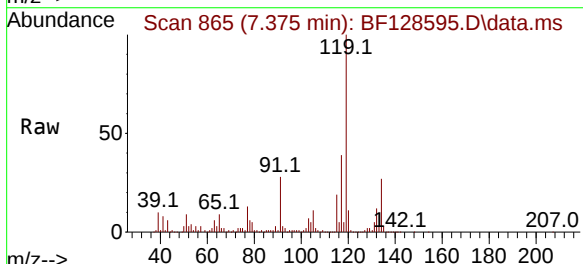
Instrument :
BNA_F
ClientSampleId :
MW-06

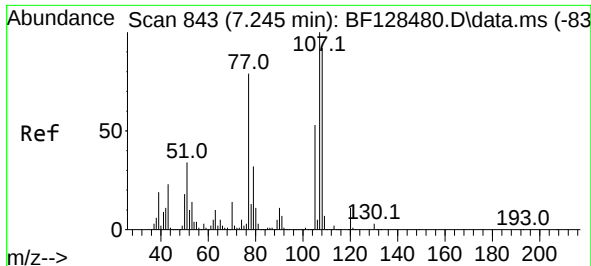
Tgt Ion:107 Resp: 99453
Ion Ratio Lower Upper
107 100
108 110.3 91.9 137.9
77 58.1 37.8 56.8#
79 57.3 37.4 56.0#



#18
Hexachloroethane
Concen: 58.516 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.018 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:117 Resp: 181382
Ion Ratio Lower Upper
117 100
119 259.2 77.4 116.2#
201 0.0 84.6 127.0#





#20

3+4-Methylphenols

Concen: 6.089 ng

RT: 7.257 min Scan# 843

Delta R.T. 0.012 min

Lab File: BF128595.D

Acq: 31 May 2022 15:17

Instrument :

BNA_F

ClientSampleId :

MW-06

Tgt Ion:107 Resp: 47873

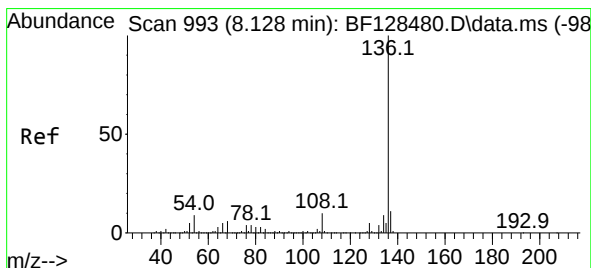
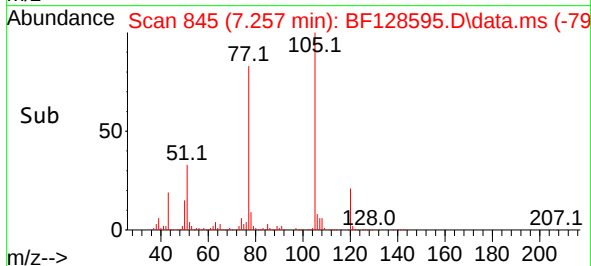
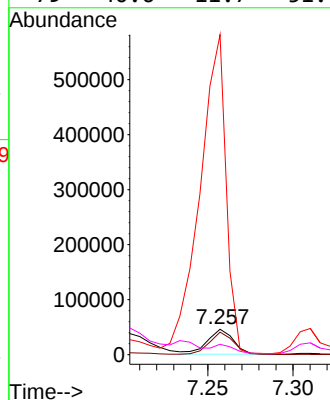
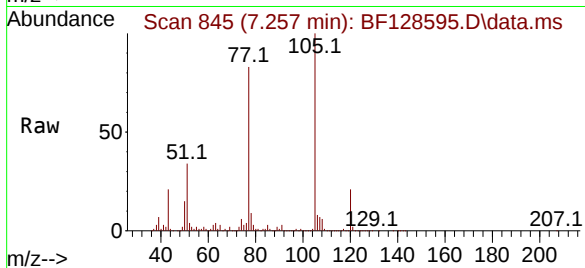
Ion Ratio Lower Upper

107 100

108 88.7 71.8 111.8

77 1256.5 59.3 99.3#

79 40.6 11.7 51.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF128595.D

Acq: 31 May 2022 15:17

Tgt Ion:136 Resp: 457995

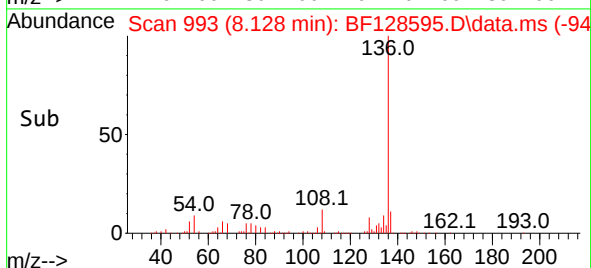
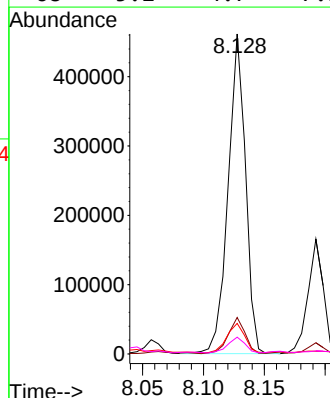
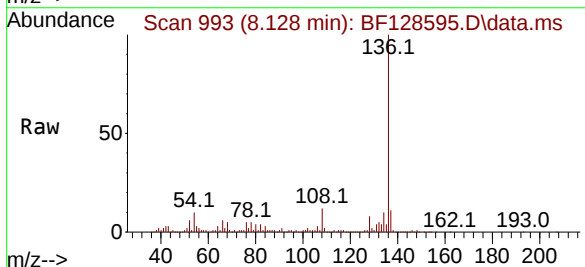
Ion Ratio Lower Upper

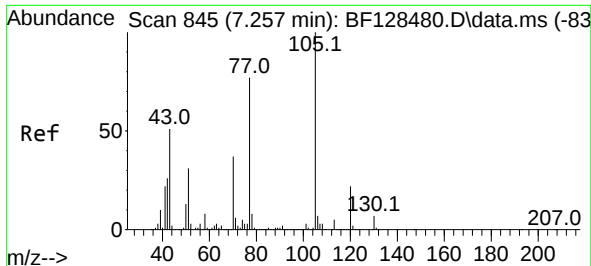
136 100

137 11.4 8.8 13.2

54 9.6 7.5 11.3

68 5.2 4.7 7.1

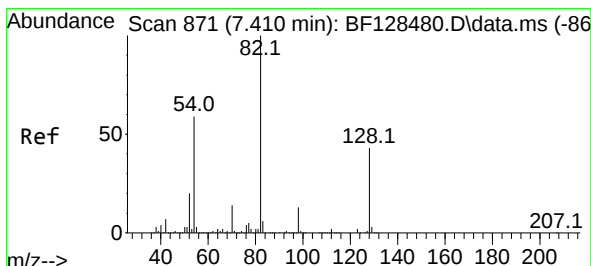
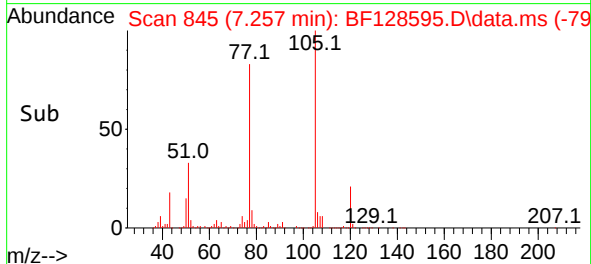
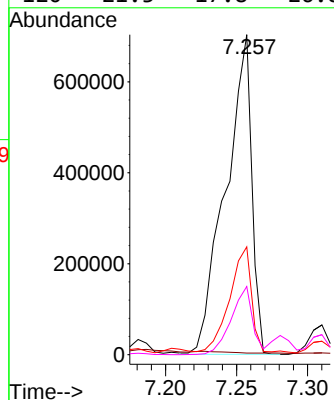
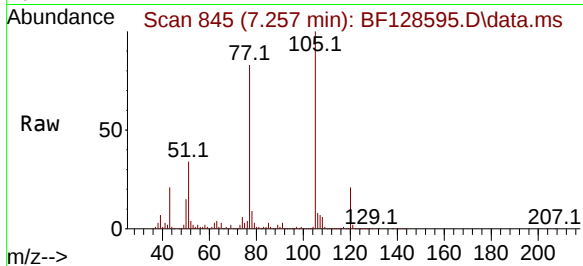




#22
Acetophenone
Concen: 85.183 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

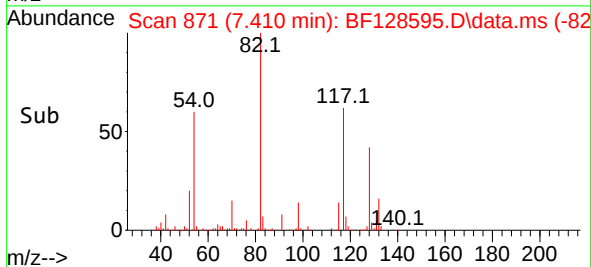
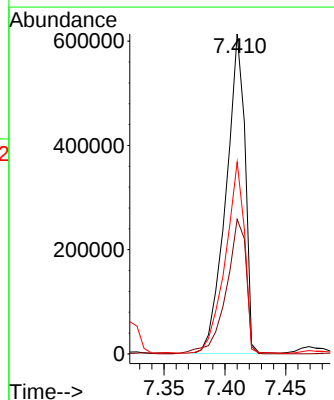
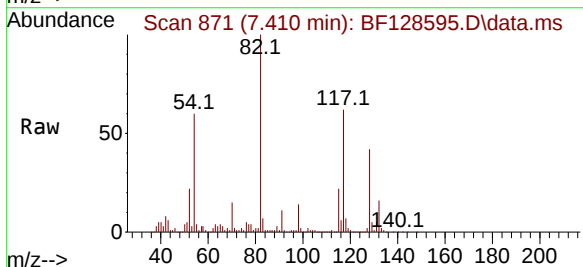
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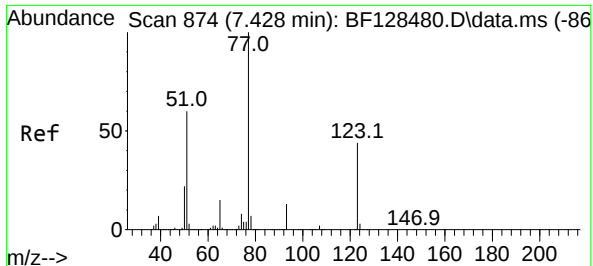
Tgt Ion:105 Resp: 899571
Ion Ratio Lower Upper
105 100
71 0.5 5.0 7.4#
51 33.7 25.0 37.4
120 21.3 17.8 26.8



#23
Nitrobenzene-d5
Concen: 83.728 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion: 82 Resp: 664730
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 60.0 46.9 70.3

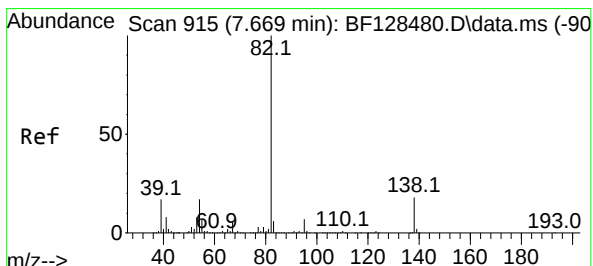
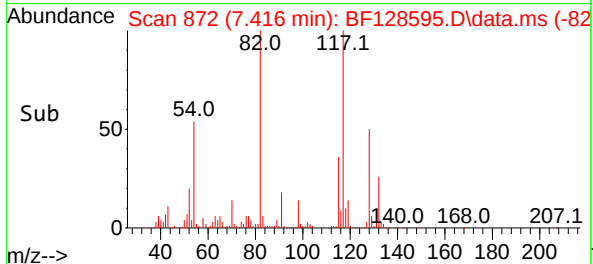
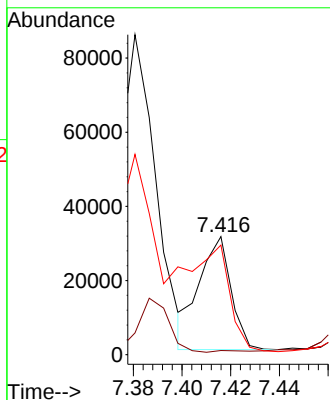
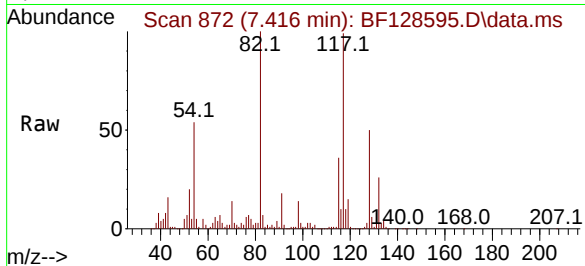




#24
Nitrobenzene
Concen: 3.534 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

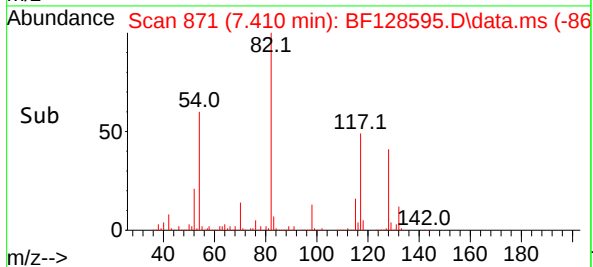
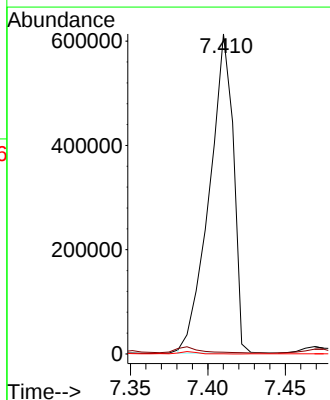
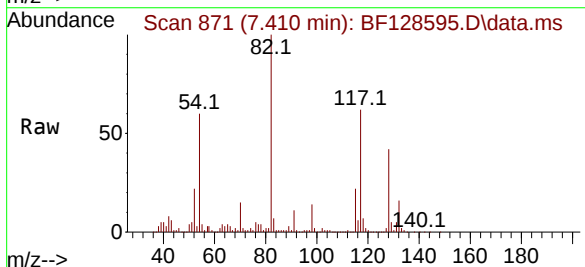
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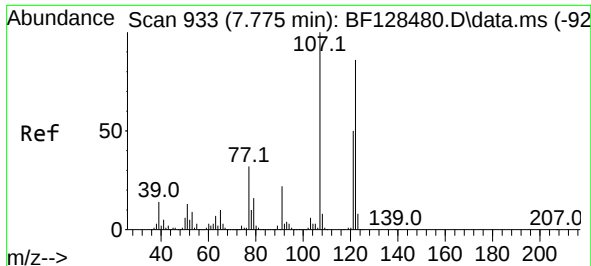
Tgt Ion: 77 Resp: 27734
Ion Ratio Lower Upper
77 100
123 3.5 35.4 53.2#
65 92.8 11.8 17.8#



#25
Isophorone
Concen: 45.016 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.259 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion: 82 Resp: 659289
Ion Ratio Lower Upper
82 100
95 0.5 5.7 8.5#
138 0.0 14.2 21.2#





#27

2,4-Dimethylphenol

Concen: 64.316 ng

RT: 7.787 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF128595.D

Acq: 31 May 2022 15:17

Instrument :

BNA_F

ClientSampleId :

MW-06

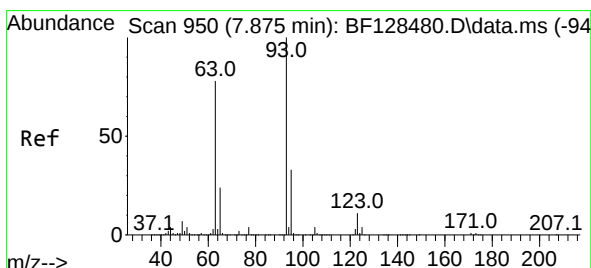
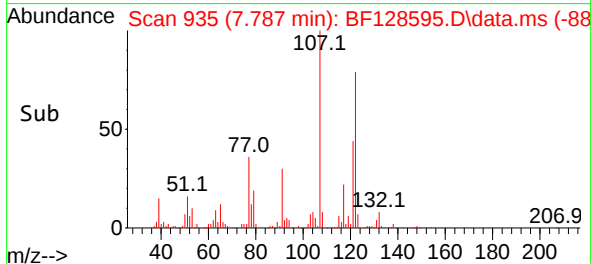
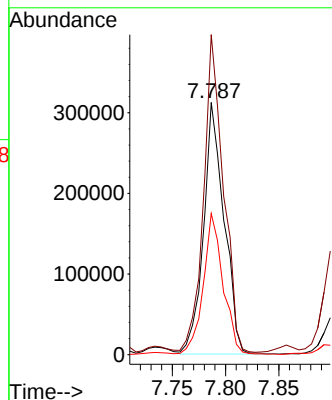
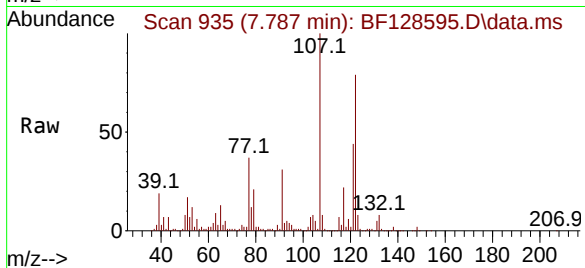
Tgt Ion:122 Resp: 419365

Ion Ratio Lower Upper

122 100

107 126.9 93.0 139.6

121 56.0 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 2.572 ng

RT: 7.892 min Scan# 953

Delta R.T. 0.018 min

Lab File: BF128595.D

Acq: 31 May 2022 15:17

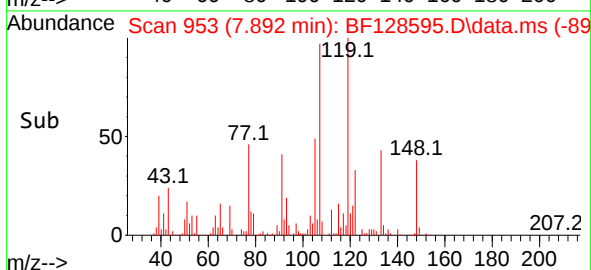
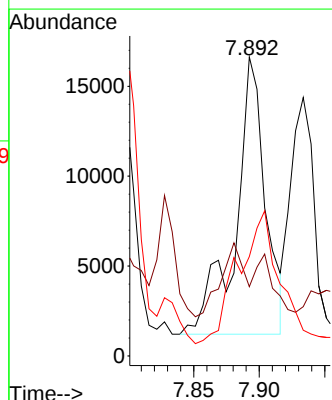
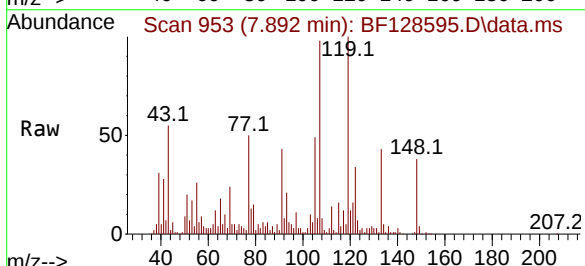
Tgt Ion: 93 Resp: 24451

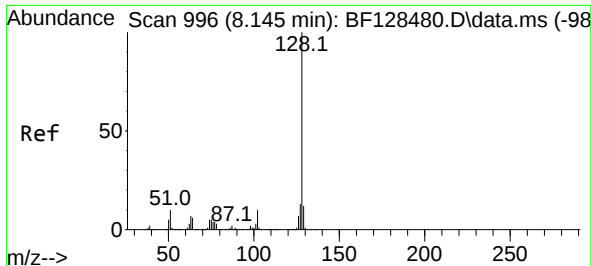
Ion Ratio Lower Upper

93 100

95 23.2 26.8 40.2#

123 33.2 9.2 13.8#

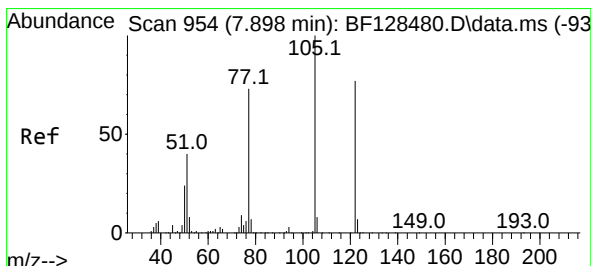
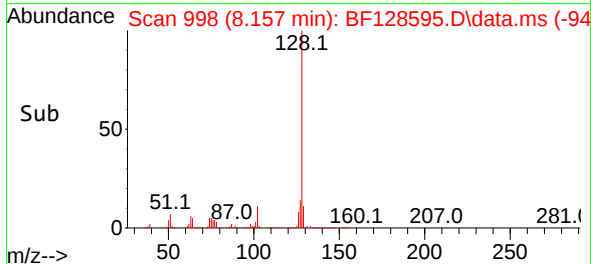
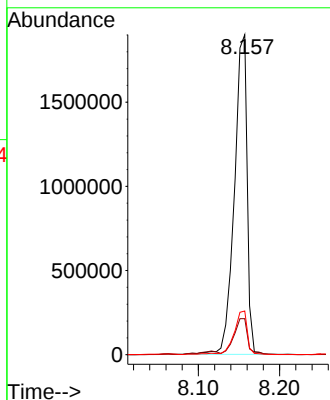
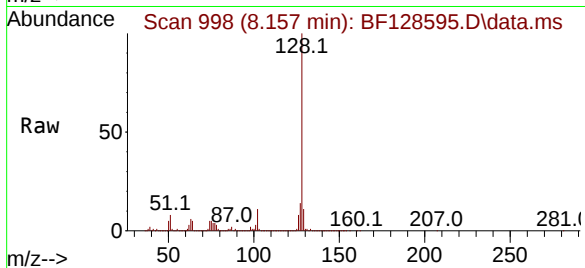




#31
Naphthalene
Concen: 92.536 ng
RT: 8.157 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

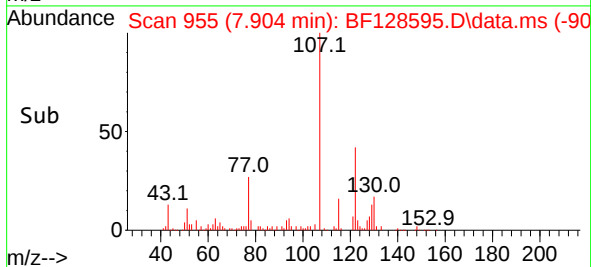
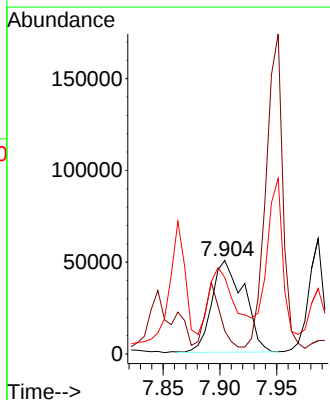
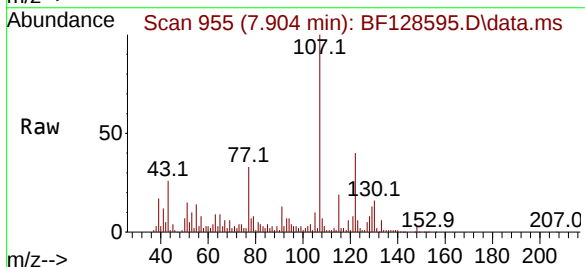
Instrument :
BNA_F
ClientSampleId :
MW-06

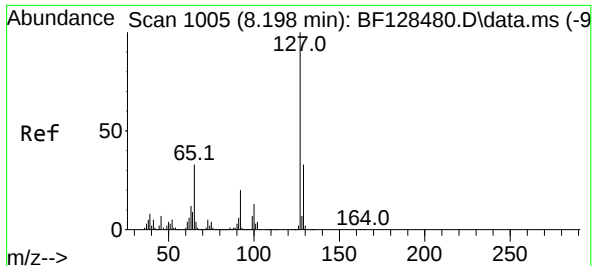
Tgt Ion:128 Resp: 2074274
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.7 10.5 15.7



#32
Benzoic acid
Concen: 21.460 ng
RT: 7.904 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:122 Resp: 98914
Ion Ratio Lower Upper
122 100
105 24.7 107.1 147.1#
77 81.9 74.2 114.2

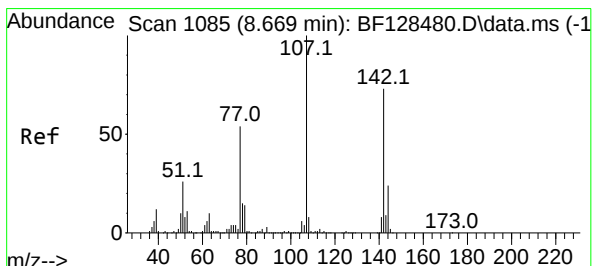
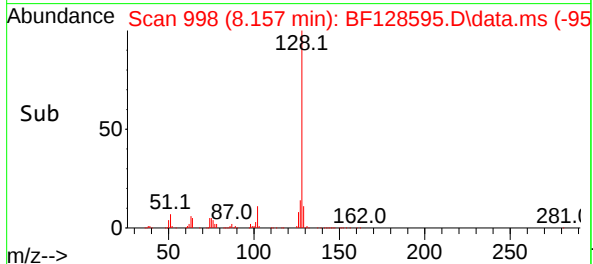
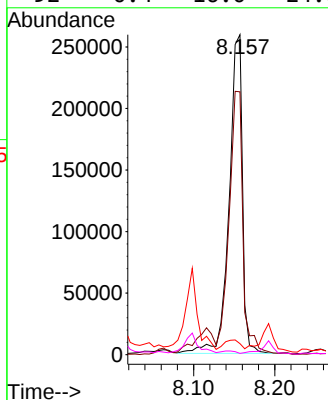
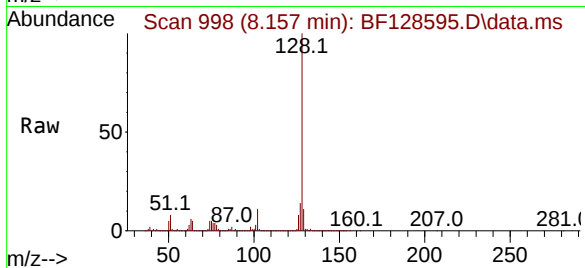




#33
4-Chloroaniline
Concen: 32.903 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.041 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

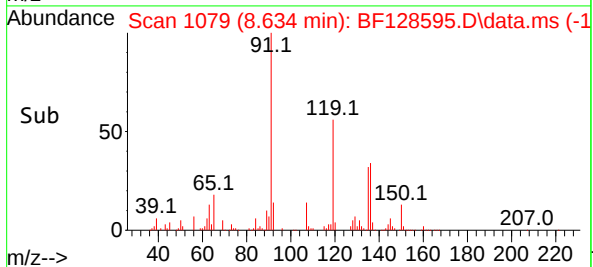
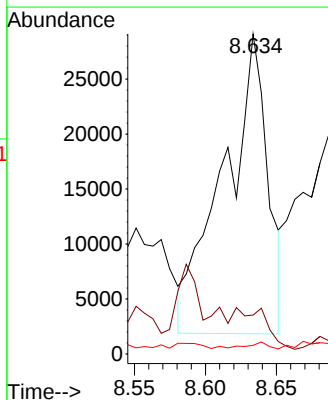
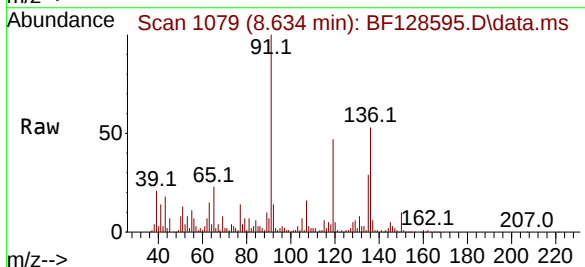
Instrument :
BNA_F
ClientSampleId :
MW-06

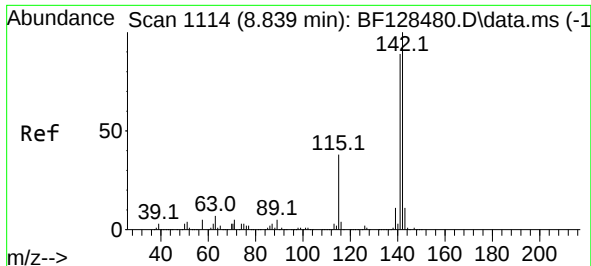
Tgt Ion:	127	Resp:	293671
Ion	Ratio	Lower	Upper
127	100		
129	82.2	26.4	39.6#
65	3.4	26.4	39.6#
92	0.4	16.0	24.0#



#36
4-Chloro-3-methylphenol
Concen: 8.497 ng
RT: 8.634 min Scan# 1079
Delta R.T. -0.035 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:	107	Resp:	58900
Ion	Ratio	Lower	Upper
107	100		
144	12.1	19.5	29.3#
142	2.7	58.2	87.4#

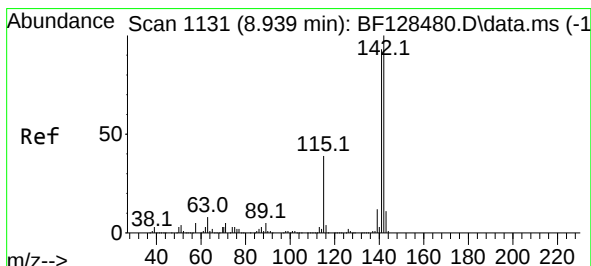
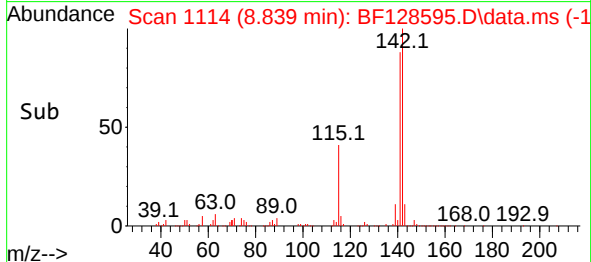
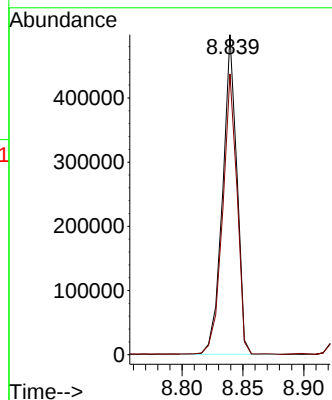
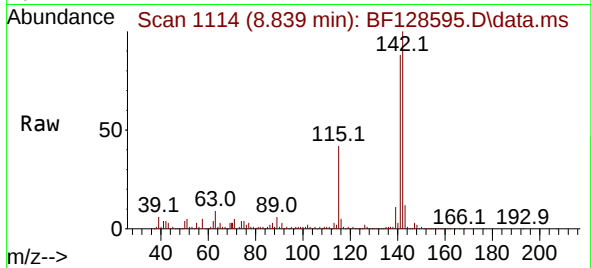




#37
2-Methylnaphthalene
Concen: 28.699 ng
RT: 8.839 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

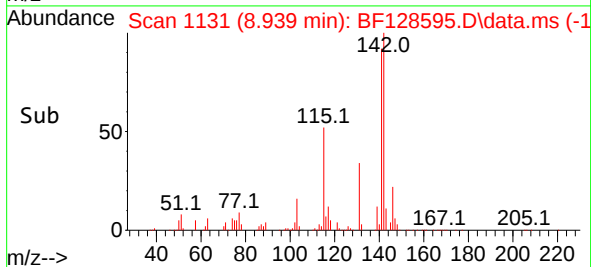
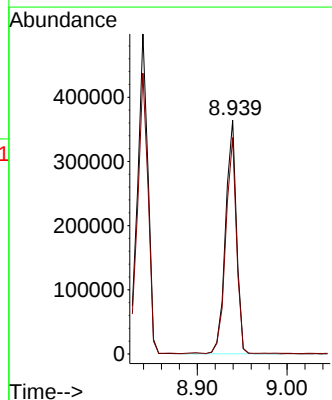
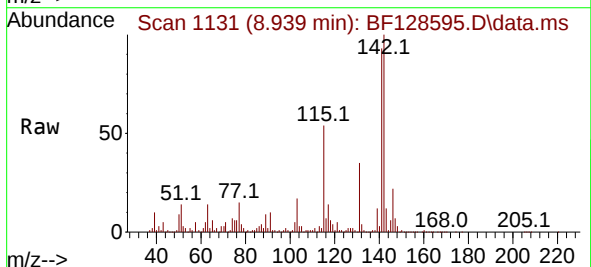
Instrument :
BNA_F
ClientSampleId :
MW-06

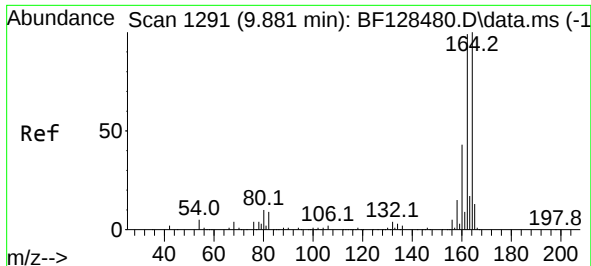
Tgt Ion:142 Resp: 406061
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.4



#38
1-Methylnaphthalene
Concen: 22.390 ng
RT: 8.939 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:142 Resp: 308117
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4

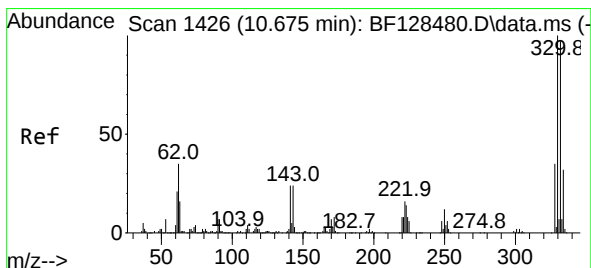
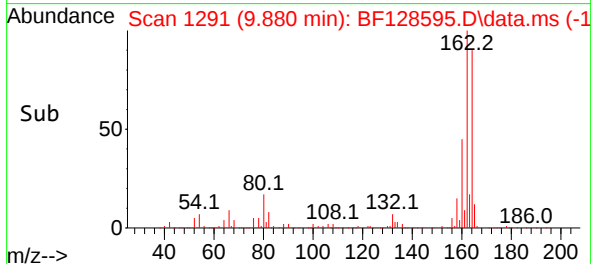
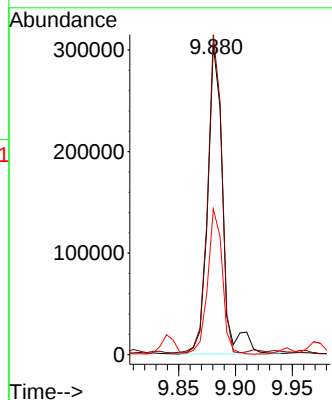
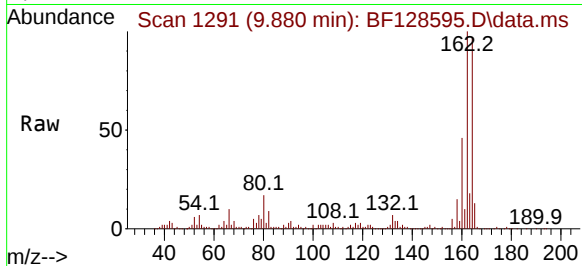




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.001 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

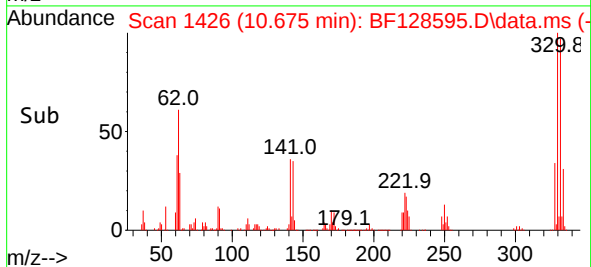
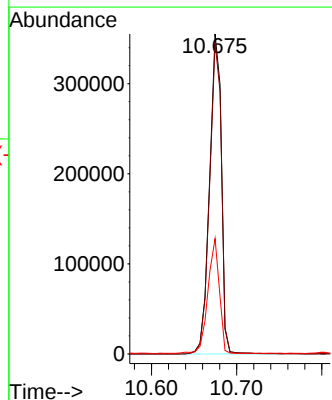
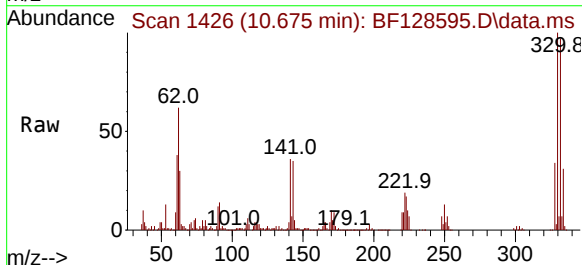
Instrument :
BNA_F
ClientSampleId :
MW-06

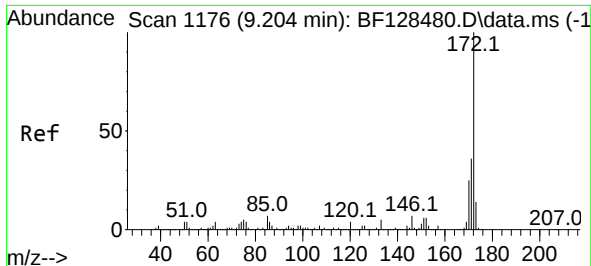
Tgt Ion:164 Resp: 281285
Ion Ratio Lower Upper
164 100
162 103.3 79.5 119.3
160 47.0 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 128.151 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:330 Resp: 343107
Ion Ratio Lower Upper
330 100
332 97.6 76.8 115.2
141 34.4 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 75.821 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128595.D

Acq: 31 May 2022 15:17

Instrument :

BNA_F

ClientSampleId :

MW-06

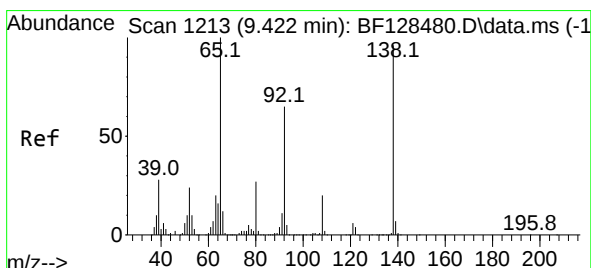
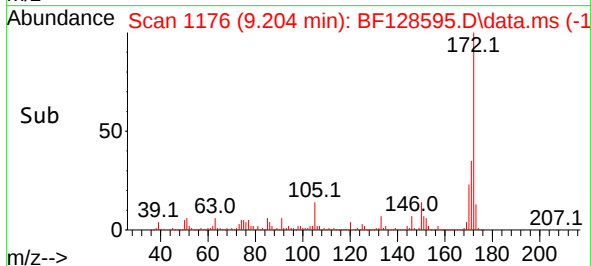
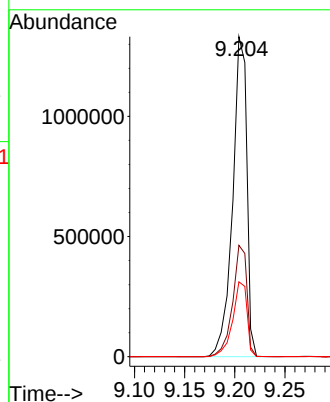
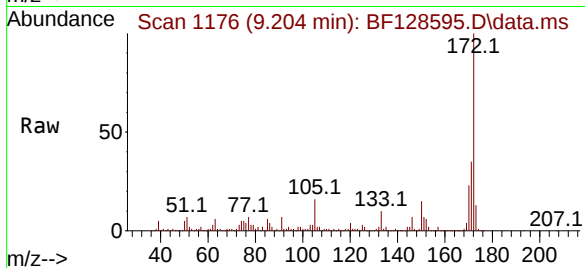
Tgt Ion:172 Resp: 1312729

Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.4 19.8 29.8



#48

2-Nitroaniline

Concen: 6.184 ng

RT: 9.410 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF128595.D

Acq: 31 May 2022 15:17

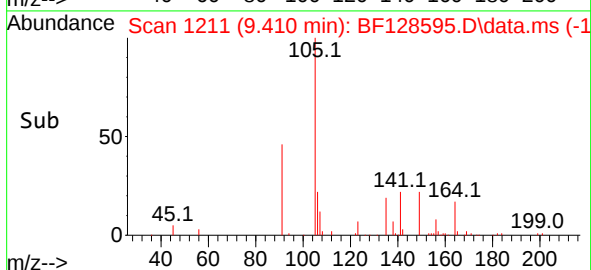
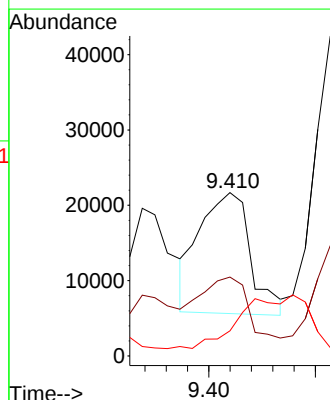
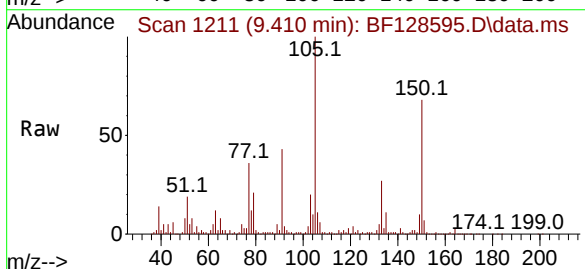
Tgt Ion: 65 Resp: 26660

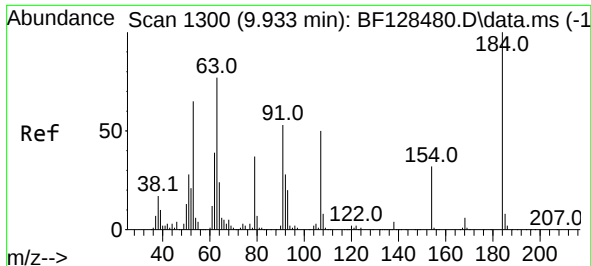
Ion Ratio Lower Upper

65 100

92 48.3 51.9 77.9#

138 15.4 76.4 114.6#

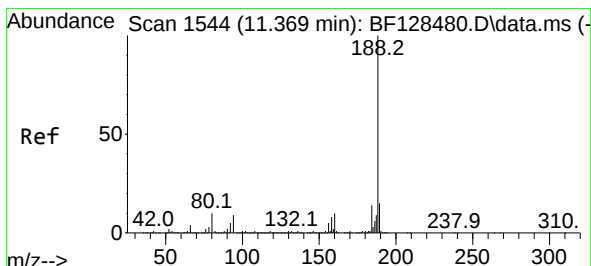
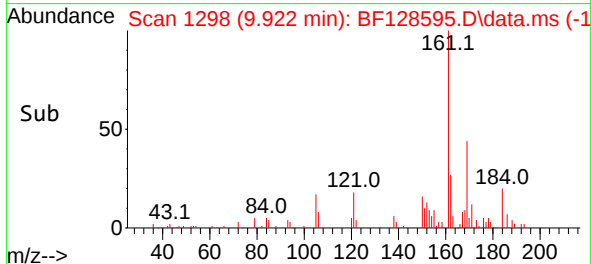
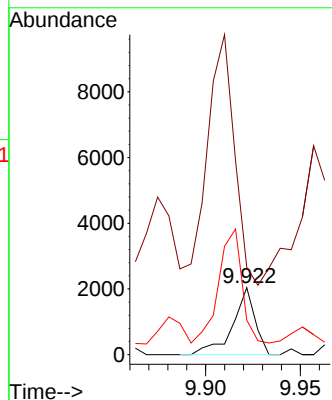
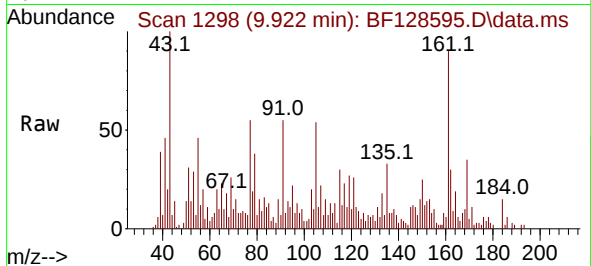




#54
2,4-Dinitrophenol
Concen: 7.719 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

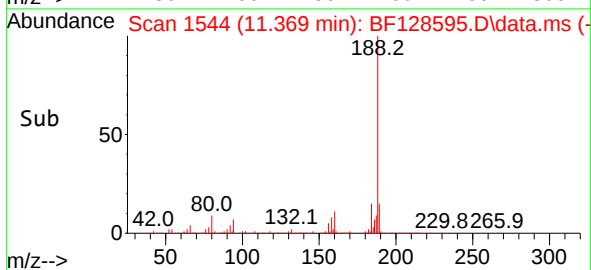
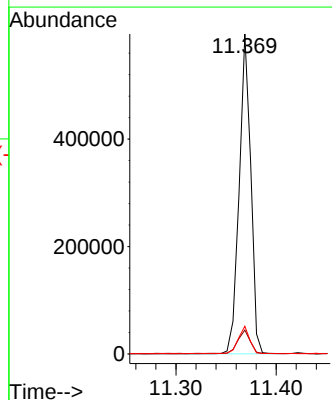
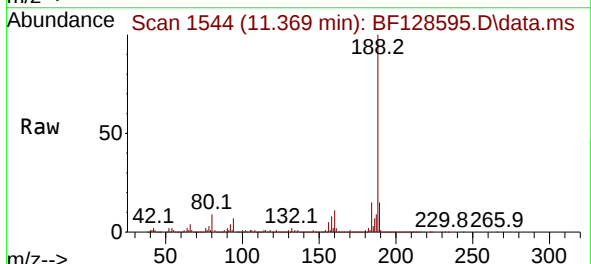
Instrument :
BNA_F
ClientSampleId :
MW-06

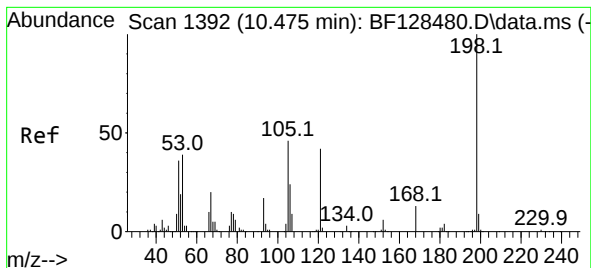
Tgt Ion:184 Resp: 1668
Ion Ratio Lower Upper
184 100
63 130.3 64.5 96.7#
154 51.5 50.6 75.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:188 Resp: 478512
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.7 7.6 11.4

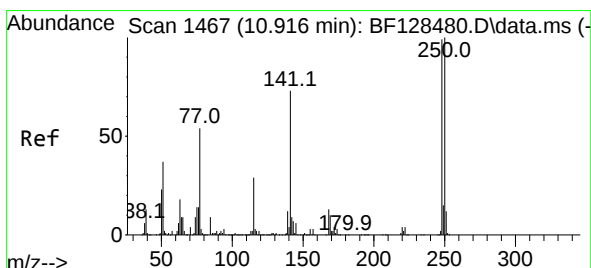
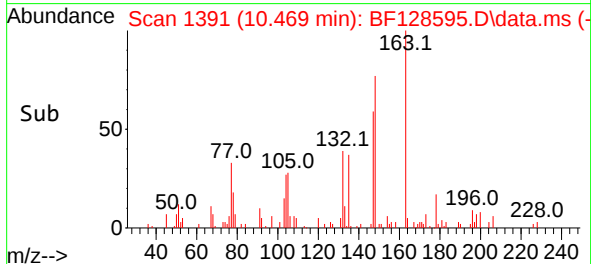
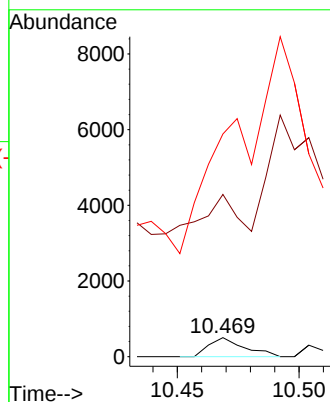
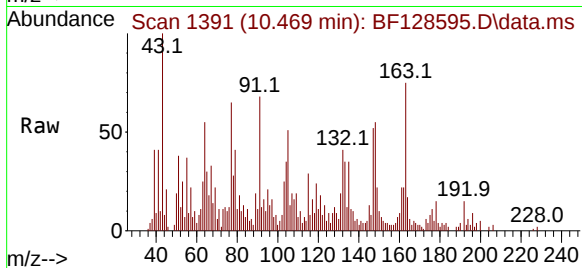




#65
4,6-Dinitro-2-methylphenol
Concen: 5.705 ng
RT: 10.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

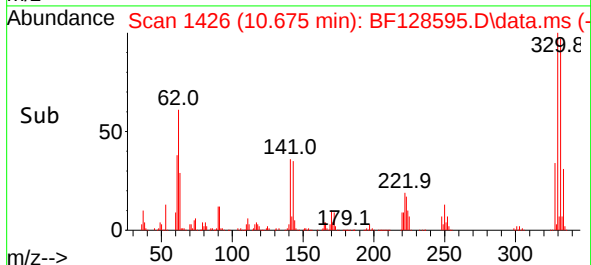
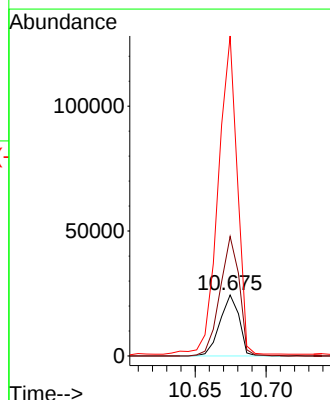
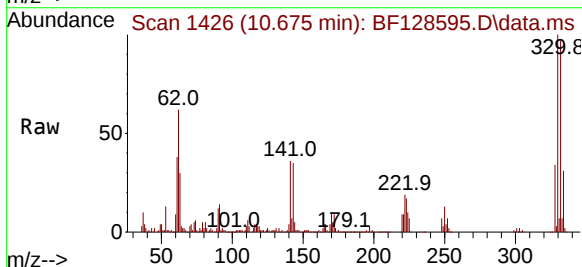
Instrument :
BNA_F
ClientSampleId :
MW-06

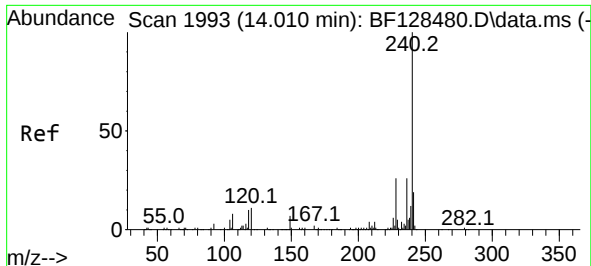
Tgt Ion:198 Resp: 507
Ion Ratio Lower Upper
198 100
51 852.5 37.6 77.6#
105 1170.0 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.663 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.241 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:248 Resp: 23054
Ion Ratio Lower Upper
248 100
250 196.2 80.6 120.8#
141 525.4 58.9 88.3#

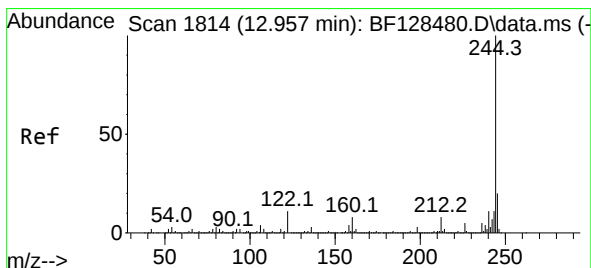
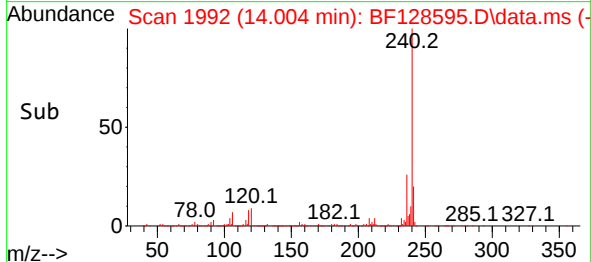
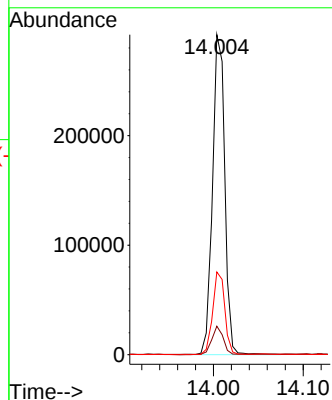
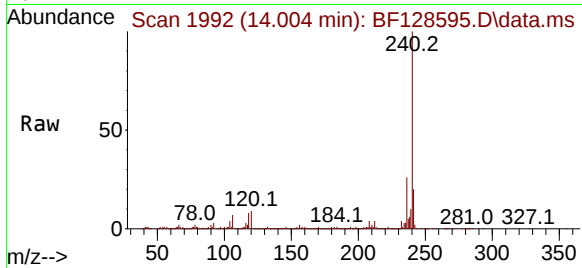




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

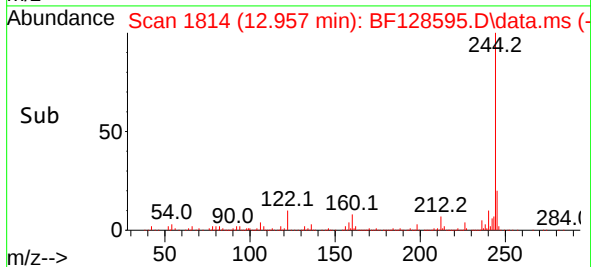
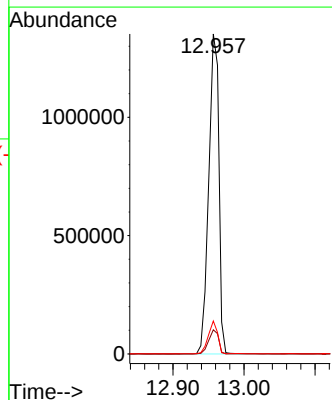
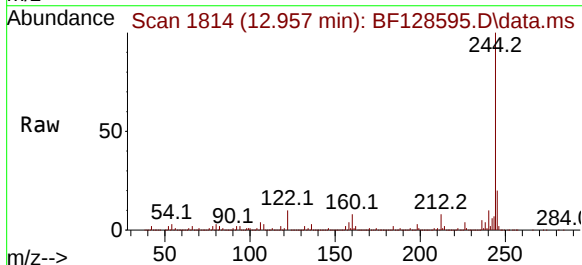
Instrument :
BNA_F
ClientSampleId :
MW-06

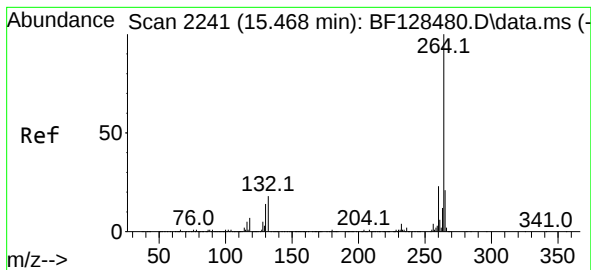
Tgt Ion:240 Resp: 277658
Ion Ratio Lower Upper
240 100
120 8.9 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 93.573 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:244 Resp: 1344809
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 10.3 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF128595.D
 Acq: 31 May 2022 15:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion:264 Resp: 238941
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 20.8 17.2 25.8

