

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128633.D
 Acq On : 01 Jun 2022 20:23
 Operator : CG\JU
 Sample : N3087-08DL2 25X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2

Quant Time: Jun 02 09:37:41 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

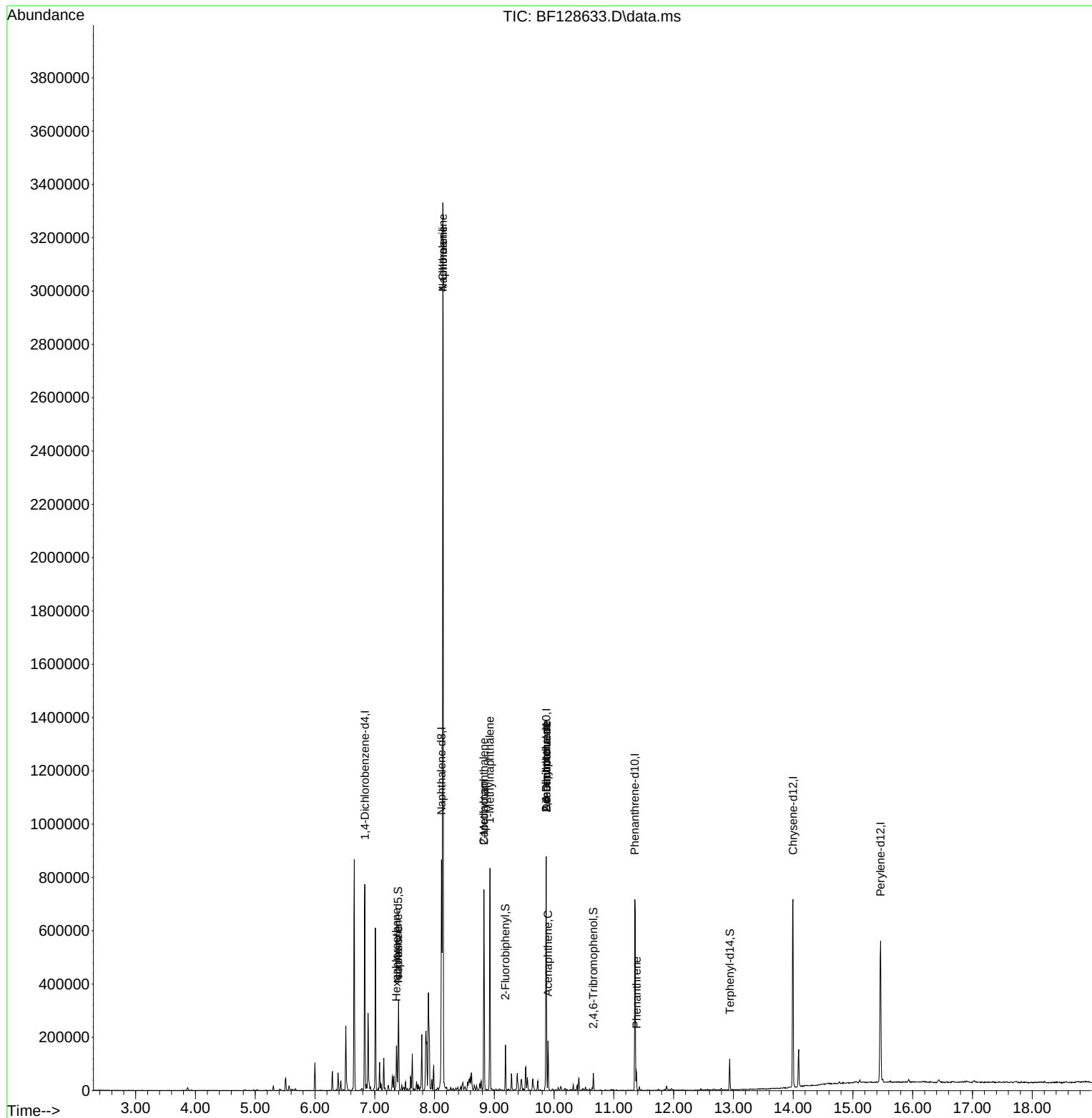
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	100710	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	340662	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	155570	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	261065	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	251449	20.000	ng	#-0.01
86) Perylene-d12	15.462	264	236534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	11574	1.904	ng	0.06
7) Phenol-d6	6.534	99	8354	1.078	ng	0.06
23) Nitrobenzene-d5	7.392	82	22759	3.854	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	6251	4.221	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	42084	4.395	ng	-0.02
79) Terphenyl-d14	12.939	244	35698	2.743	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.386	77	2558	Below Cal	Qvalue	# 1
18) Hexachloroethane	7.363	117	10238	4.006	ng	# 1
25) Isophorone	7.392	82	22759	2.089	ng	# 65
31) Naphthalene	8.139	128	1348607	80.885	ng	# 99
33) 4-Chloroaniline	8.139	127	181834	27.390	ng	# 32
35) Caprolactam	8.828	113	4237	2.738	ng	# 1
37) 2-Methylnaphthalene	8.828	142	154942	14.722	ng	# 100
38) 1-Methylnaphthalene	8.928	142	177890	17.379	ng	# 99
50) Dimethylphthalate	9.869	163	28090	2.784	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	20617	11.148	ng	# 26
52) Acenaphthene	9.898	154	33019	4.062	ng	# 92
57) 2,4-Dinitrotoluene	9.869	165	20617	9.318	ng	# 22
71) Phenanthrene	11.380	178	25162	2.035	ng	# 94

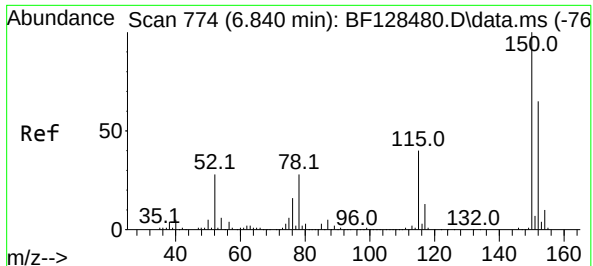
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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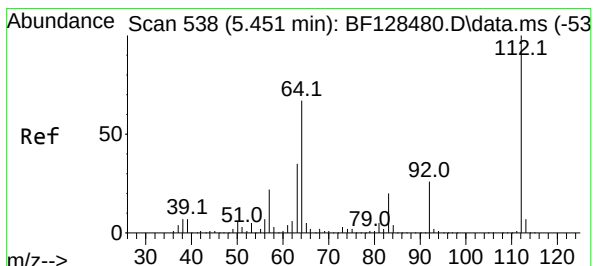
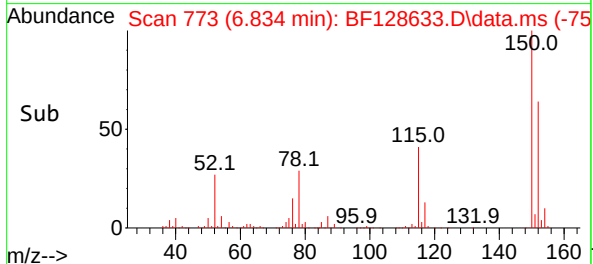
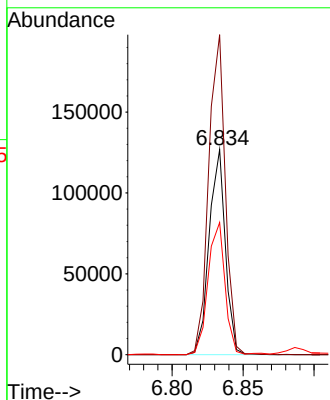
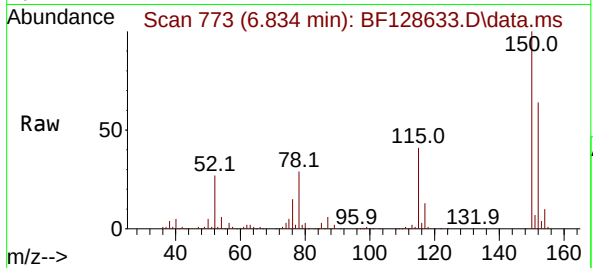




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

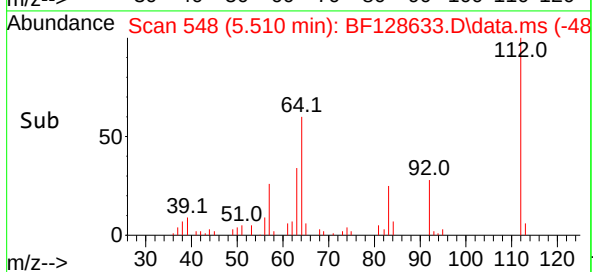
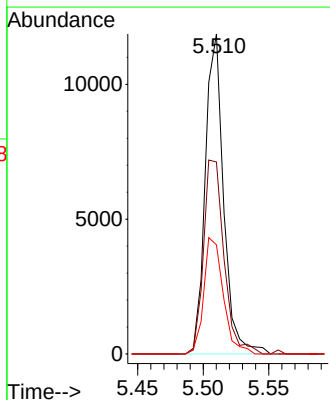
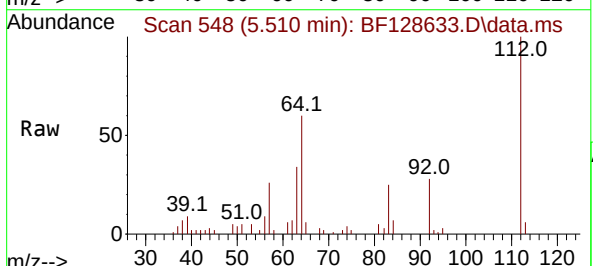
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

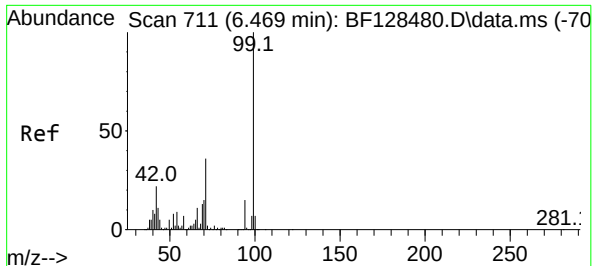
Tgt Ion:152 Resp: 100710
Ion Ratio Lower Upper
152 100
150 156.1 123.7 185.5
115 64.4 49.9 74.9



#5
2-Fluorophenol
Concen: 1.904 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.059 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:112 Resp: 11574
Ion Ratio Lower Upper
112 100
64 60.0 53.3 79.9
63 34.1 28.0 42.0

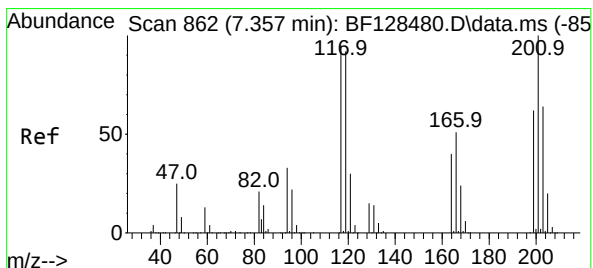
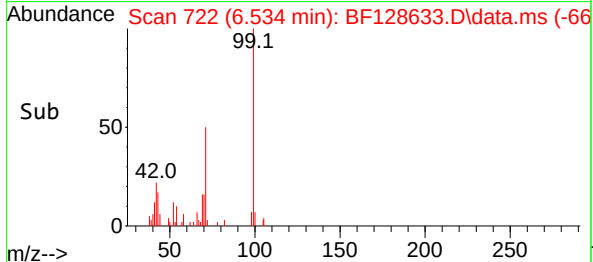
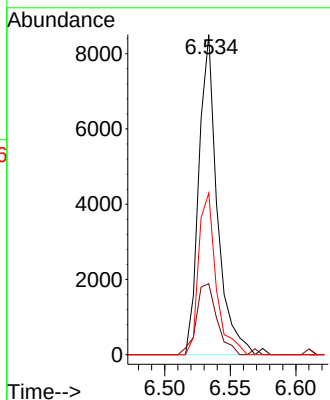
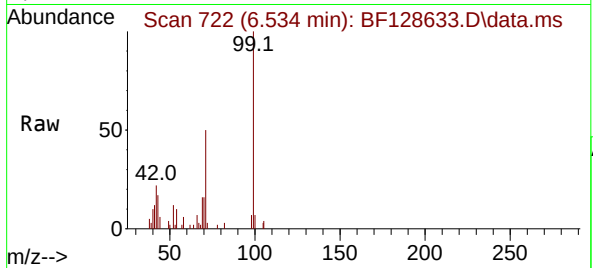




#7
Phenol-d6
Concen: 1.078 ng
RT: 6.534 min Scan# 711
Delta R.T. 0.065 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

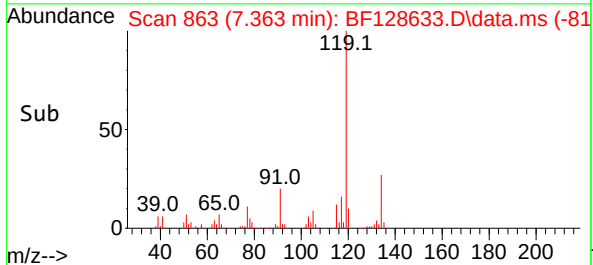
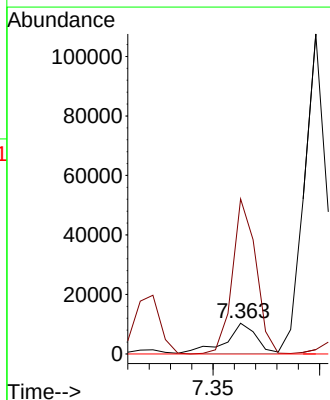
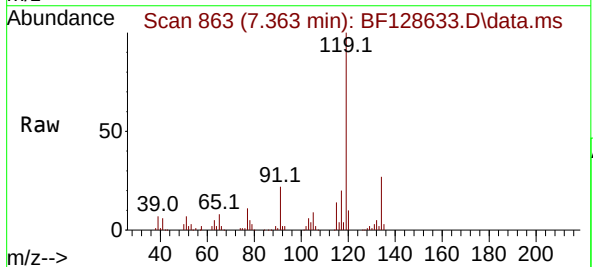
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

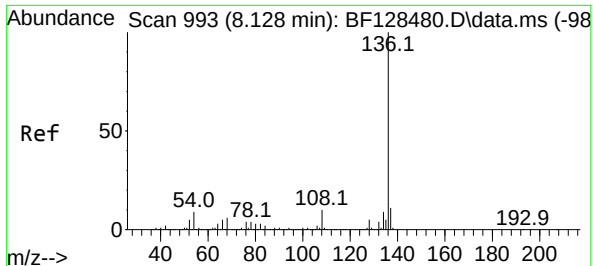
Tgt Ion: 99 Resp: 8354
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 50.5 28.9 43.3#



#18
Hexachloroethane
Concen: 4.006 ng
RT: 7.363 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion: 117 Resp: 10238
Ion Ratio Lower Upper
117 100
119 503.5 77.4 116.2#
201 0.0 84.6 127.0#

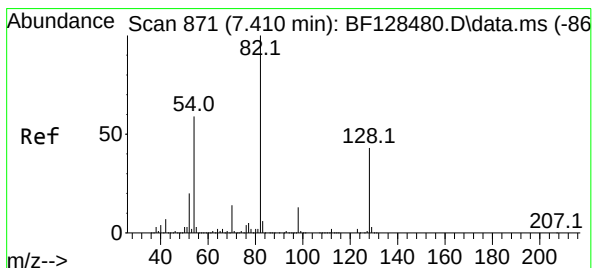
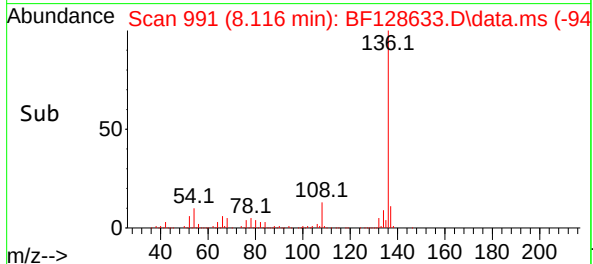
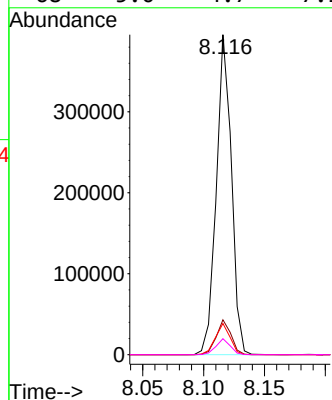
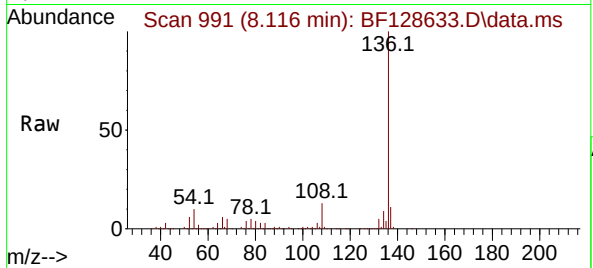




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

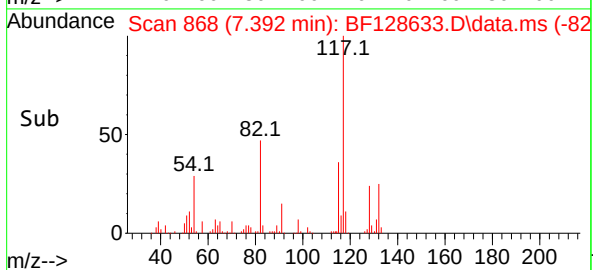
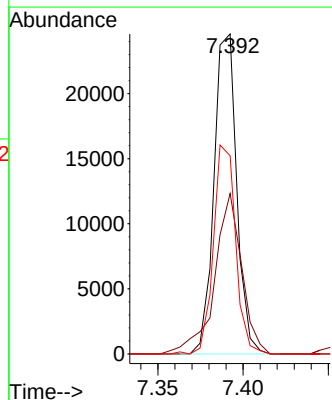
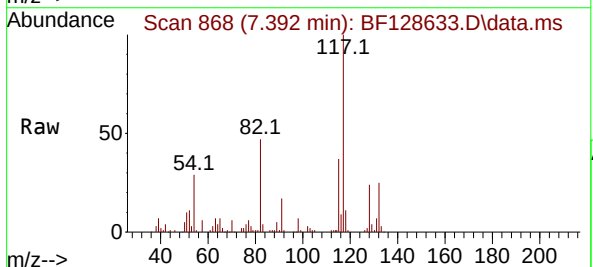
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

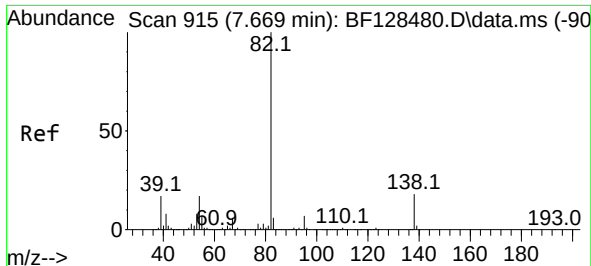
Tgt Ion:	136	Resp:	340662
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.8	7.5	11.3
68	5.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 3.854 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:	82	Resp:	22759
Ion	Ratio	Lower	Upper
82	100		
128	50.2	34.0	51.0
54	62.0	46.9	70.3

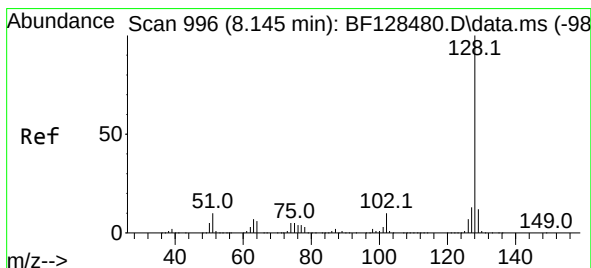
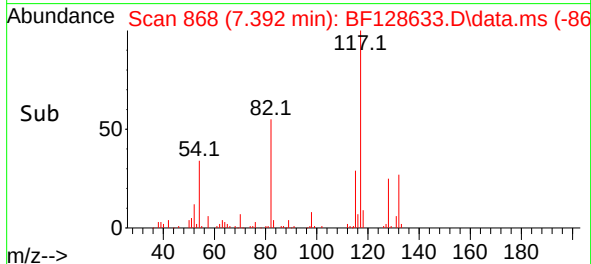
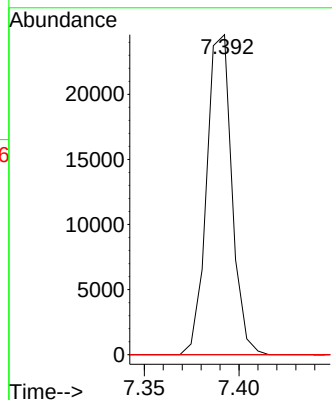
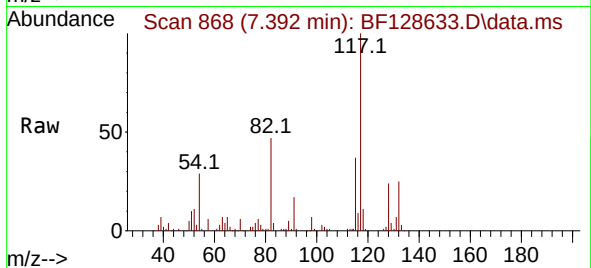




#25
Isophorone
Concen: 2.089 ng
RT: 7.392 min Scan# 80
Delta R.T. -0.277 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

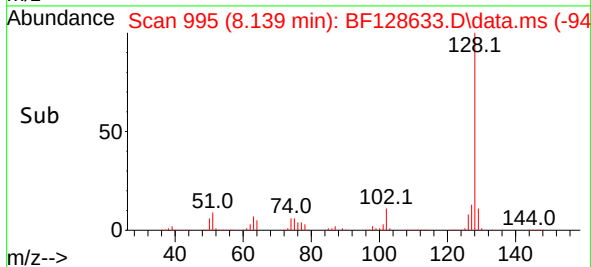
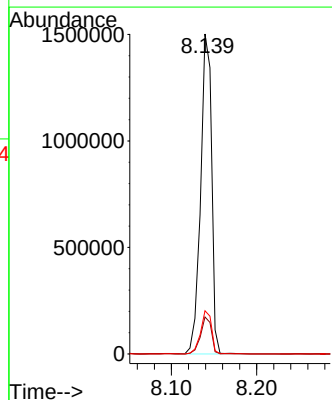
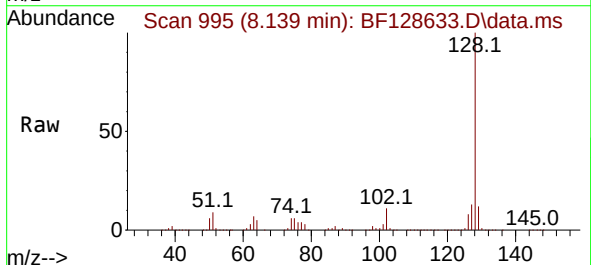
Instrument :
BNA_F
ClientSampleId :
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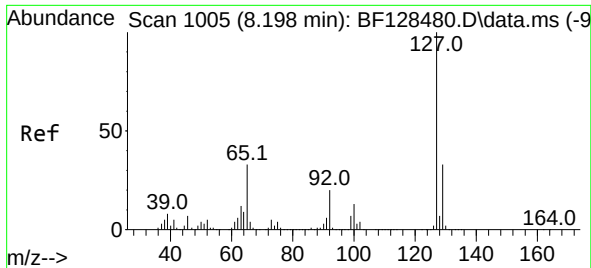
Tgt Ion: 82 Resp: 22759
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#31
Naphthalene
Concen: 80.885 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:128 Resp: 1348607
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 10.5 15.7

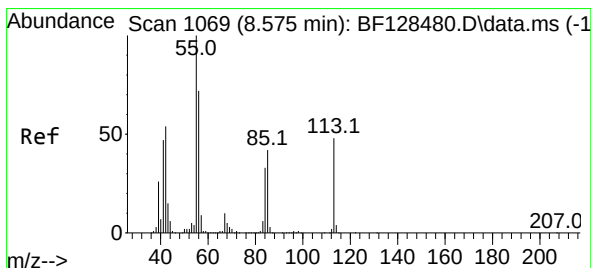
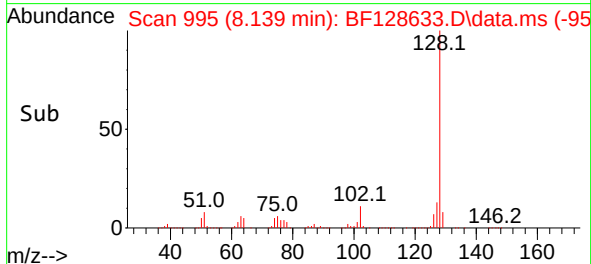
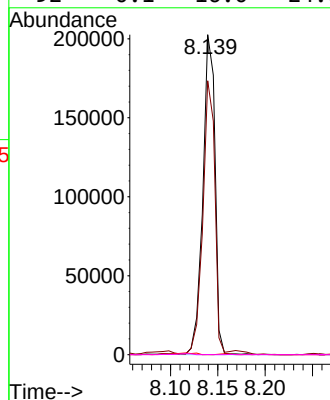
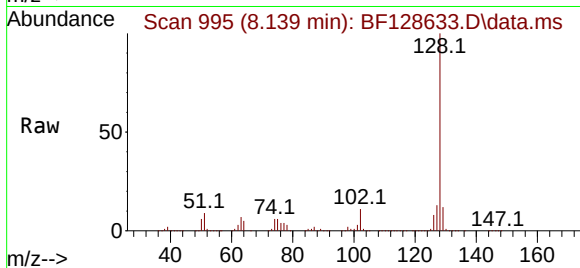




#33
4-Chloroaniline
Concen: 27.390 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.059 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

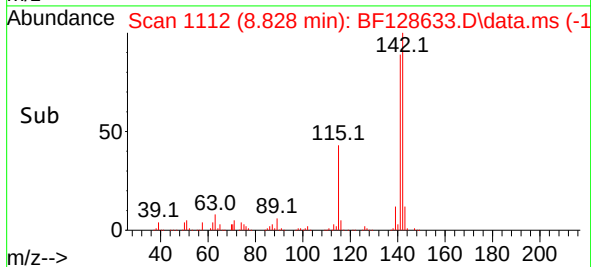
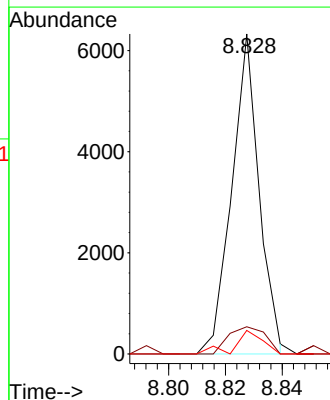
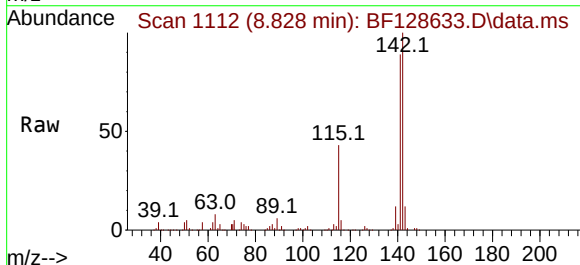
Instrument :
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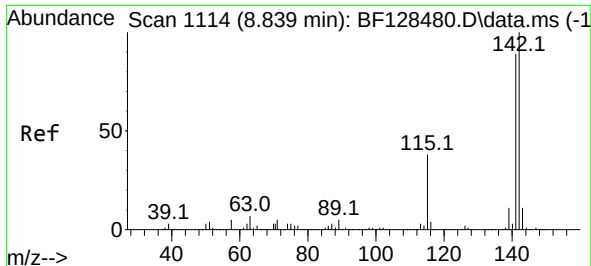
Tgt Ion:	127	Resp:	181834
Ion	Ratio	Lower	Upper
127	100		
129	85.6	26.4	39.6#
65	0.0	26.4	39.6#
92	0.1	16.0	24.0#



#35
Caprolactam
Concen: 2.738 ng
RT: 8.828 min Scan# 1112
Delta R.T. 0.253 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:	113	Resp:	4237
Ion	Ratio	Lower	Upper
113	100		
55	8.5	188.5	228.5#
56	7.4	130.6	170.6#

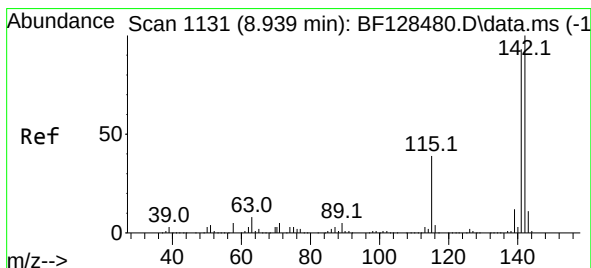
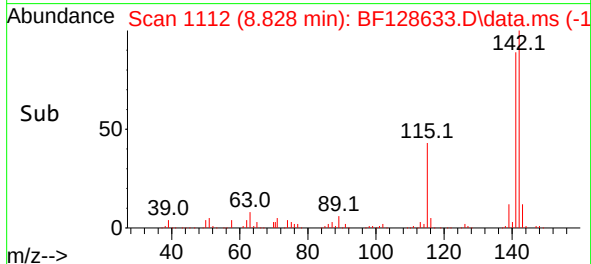
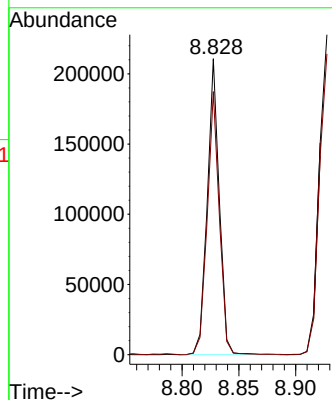
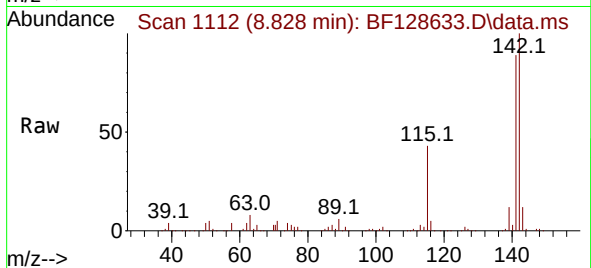




#37
2-Methylnaphthalene
Concen: 14.722 ng
RT: 8.828 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

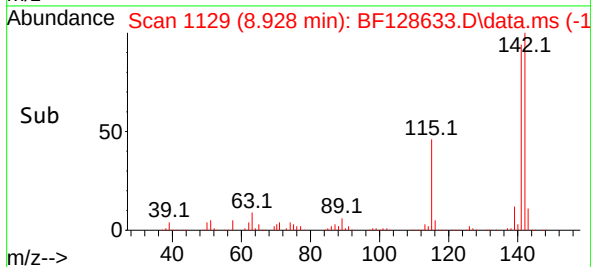
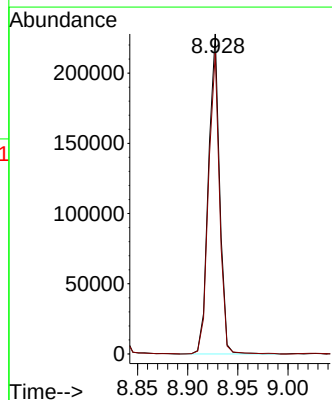
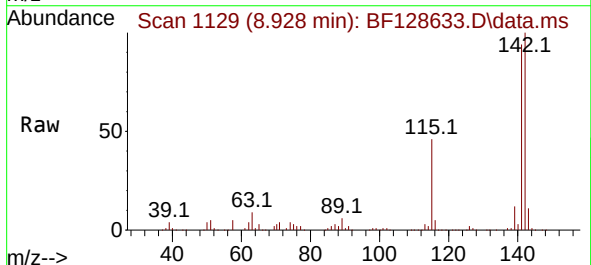
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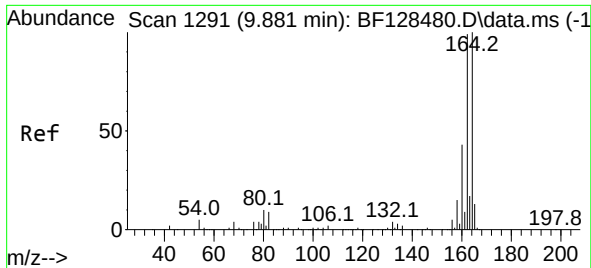
Tgt Ion:142 Resp: 154942
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.4



#38
1-Methylnaphthalene
Concen: 17.379 ng
RT: 8.928 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:142 Resp: 177890
Ion Ratio Lower Upper
142 100
141 94.0 74.2 111.4

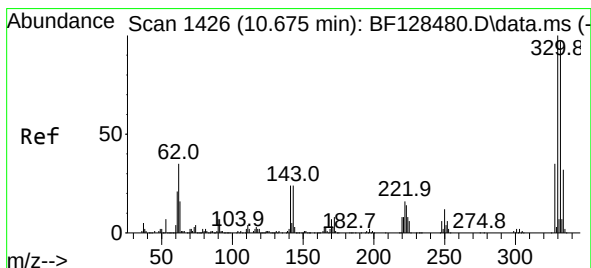
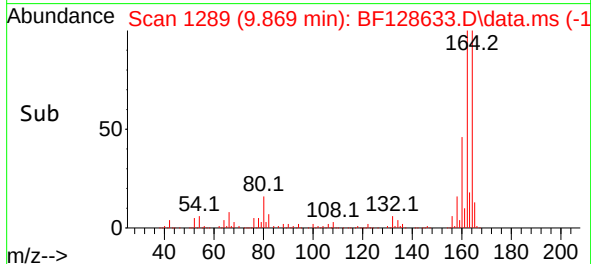
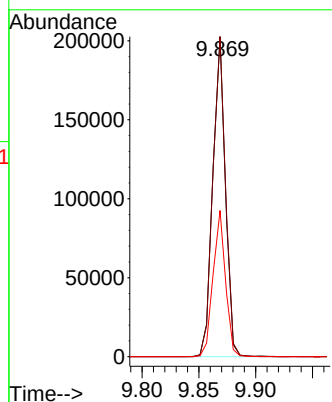
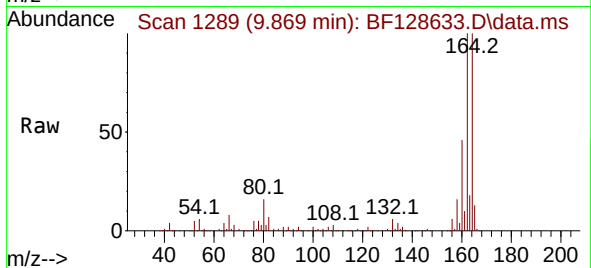




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

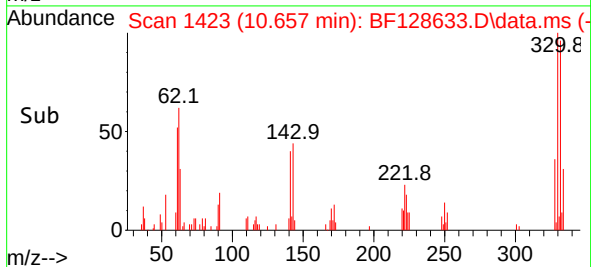
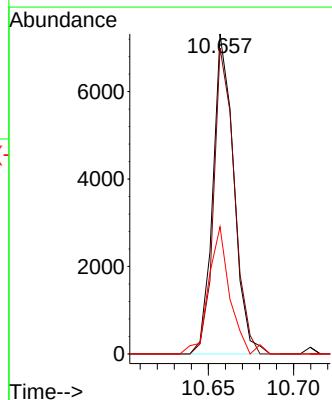
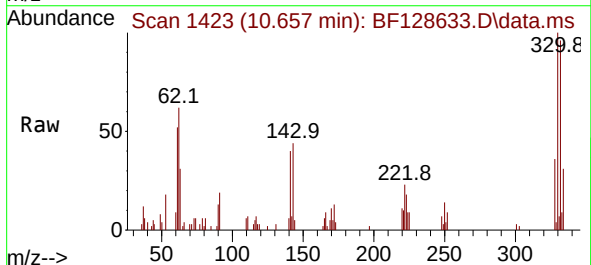
Instrument :
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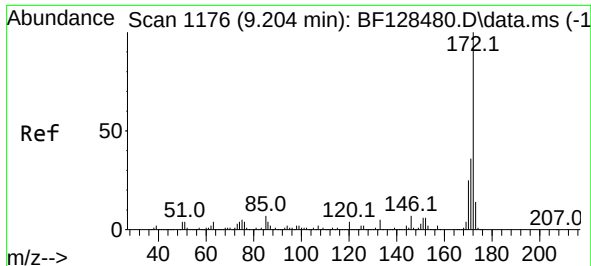
Tgt Ion:164 Resp: 155570
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 45.7 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 4.221 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.018 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:330 Resp: 6251
Ion Ratio Lower Upper
330 100
332 94.3 76.8 115.2
141 40.6 28.0 42.0

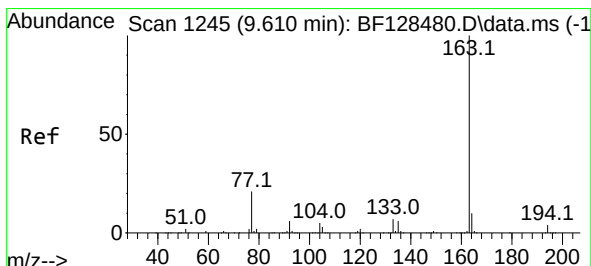
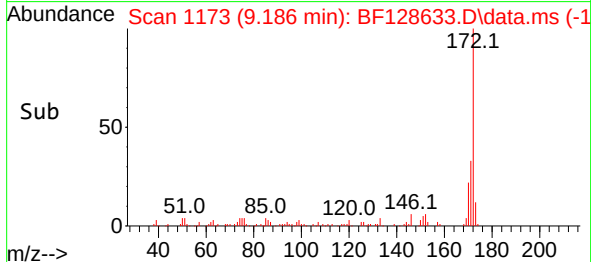
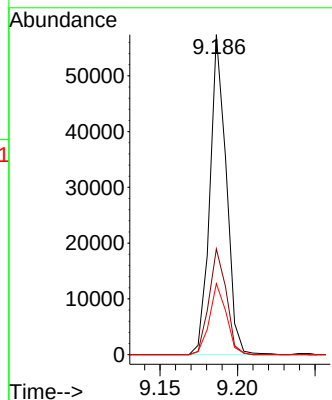
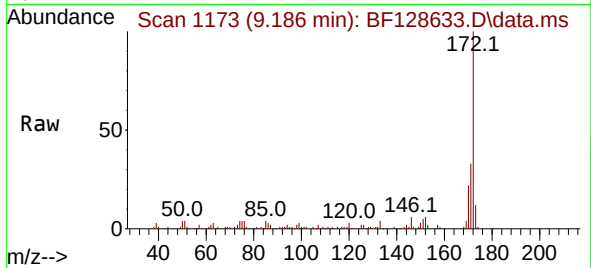




#45
2-Fluorobiphenyl
Concen: 4.395 ng
RT: 9.186 min Scan# 1176
Delta R.T. -0.018 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

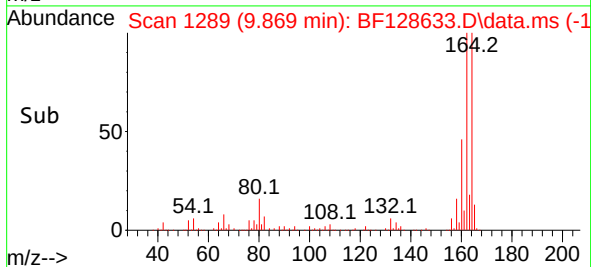
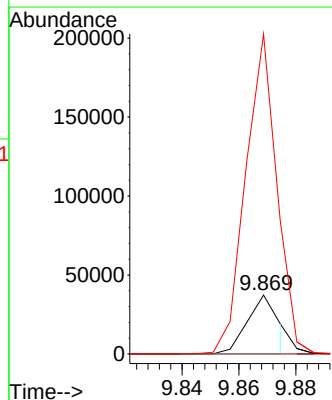
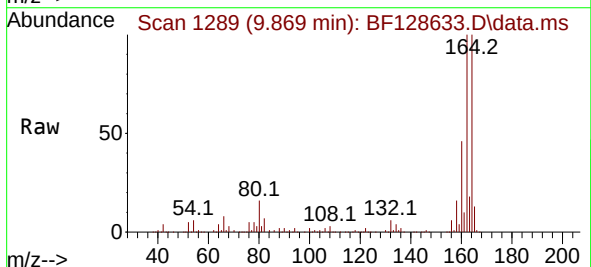
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

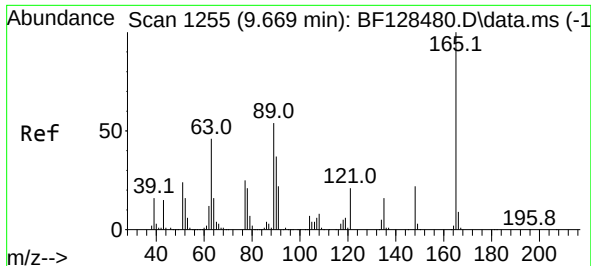
Tgt Ion:172 Resp: 42084
Ion Ratio Lower Upper
172 100
171 33.0 28.8 43.2
170 22.2 19.8 29.8



#50
Dimethylphthalate
Concen: 2.784 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.259 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:163 Resp: 28090
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 543.9 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 11.148 ng

RT: 9.869 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF128633.D

Acq: 01 Jun 2022 20:23

Instrument :

BNA_F

ClientSampleId :

MW-14DL2

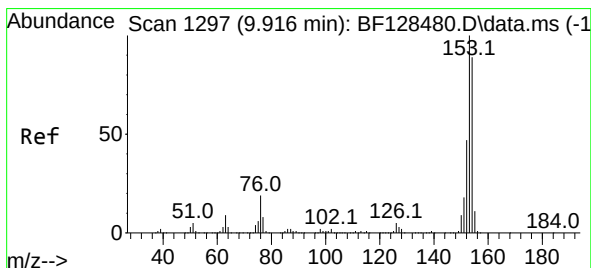
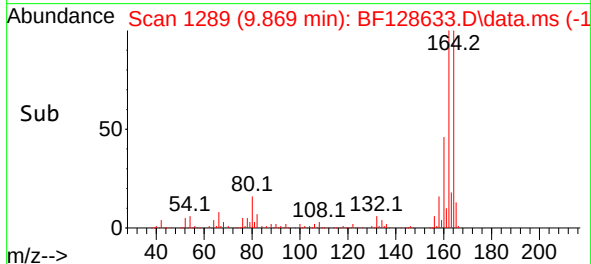
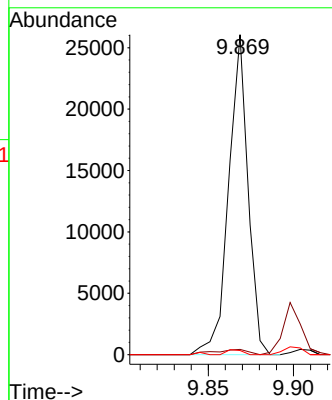
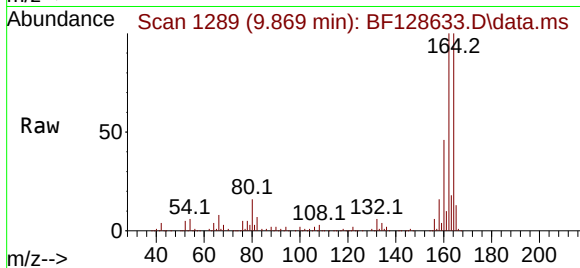
Tgt Ion:165 Resp: 20617

Ion Ratio Lower Upper

165 100

63 1.6 44.9 67.3#

89 1.3 43.6 65.4#



#52

Acenaphthene

Concen: 4.062 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.018 min

Lab File: BF128633.D

Acq: 01 Jun 2022 20:23

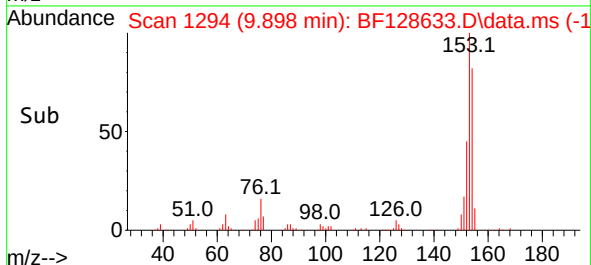
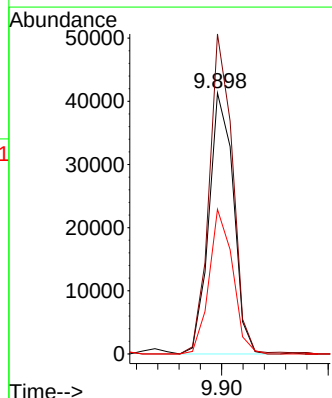
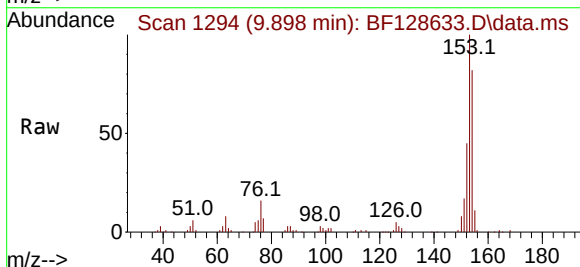
Tgt Ion:154 Resp: 33019

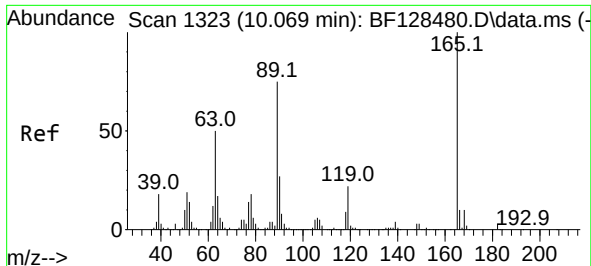
Ion Ratio Lower Upper

154 100

153 122.6 89.6 134.4

152 55.4 42.4 63.6

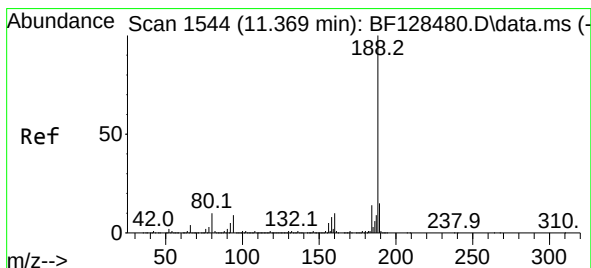
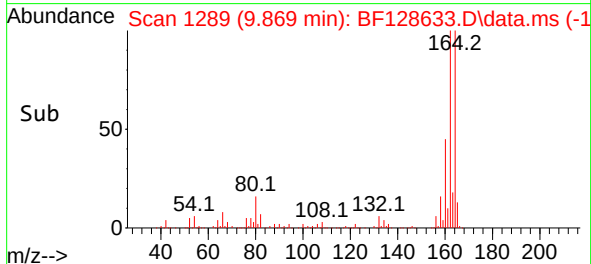
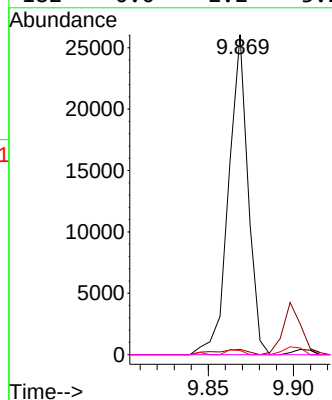
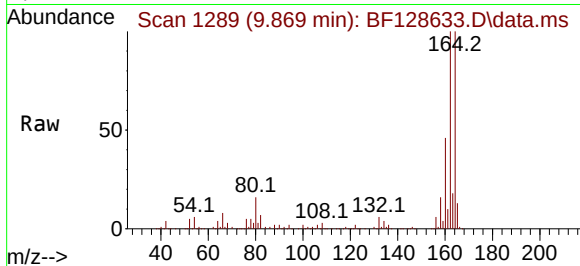




#57
2,4-Dinitrotoluene
Concen: 9.318 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

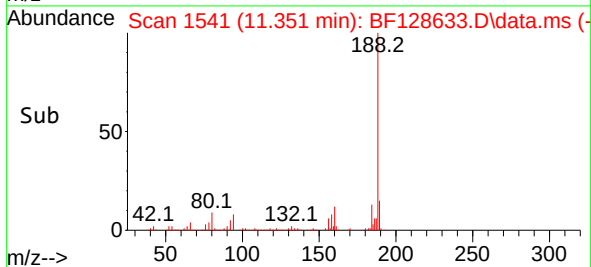
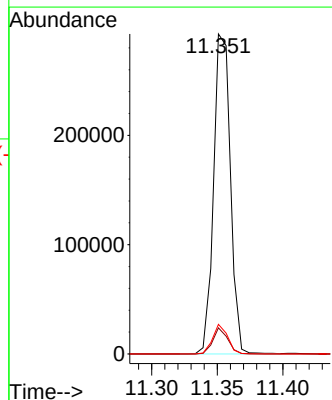
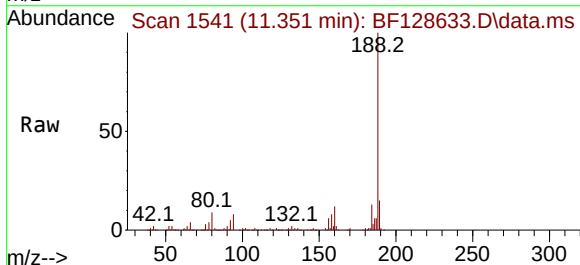
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

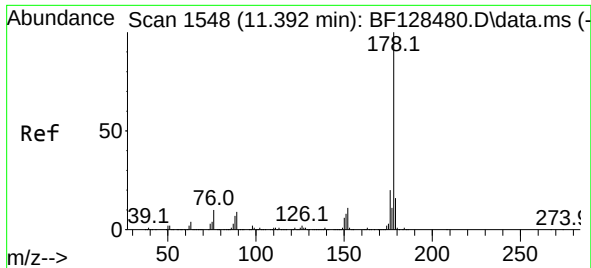
Tgt Ion:165 Resp: 20617
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.018 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:188 Resp: 261065
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.3 7.6 11.4

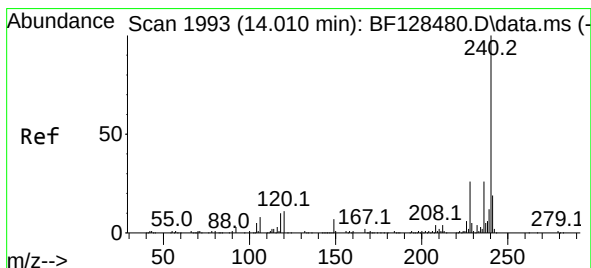
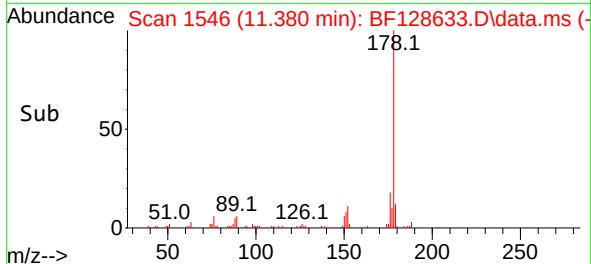
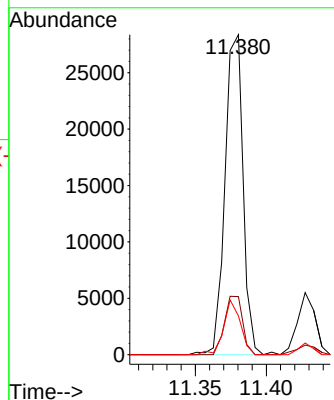
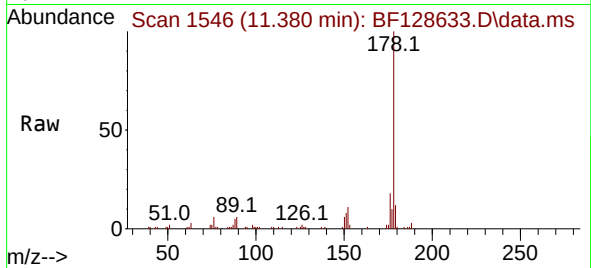




#71
Phenanthrene
Concen: 2.035 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

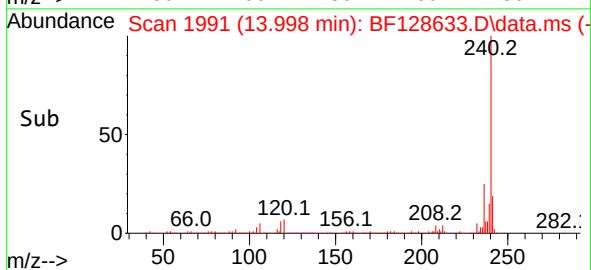
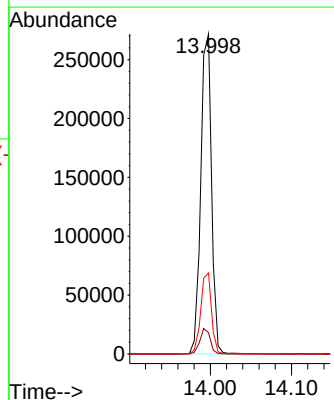
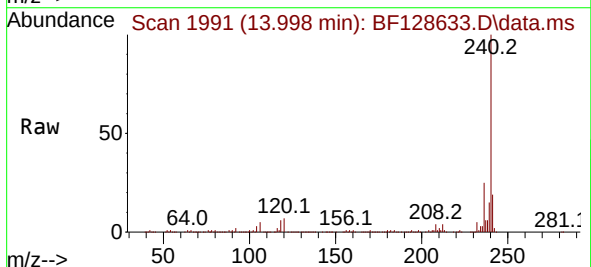
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

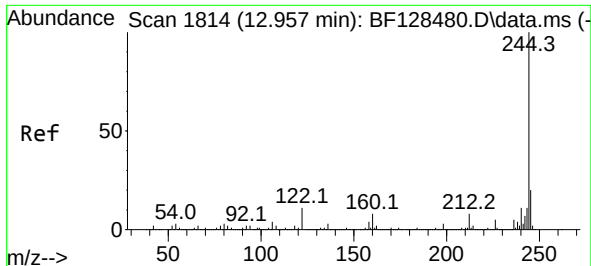
Tgt Ion:178 Resp: 25162
Ion Ratio Lower Upper
178 100
176 18.1 16.0 24.0
179 12.1 12.6 19.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:240 Resp: 251449
Ion Ratio Lower Upper
240 100
120 6.7 8.9 13.3#
236 25.3 20.8 31.2

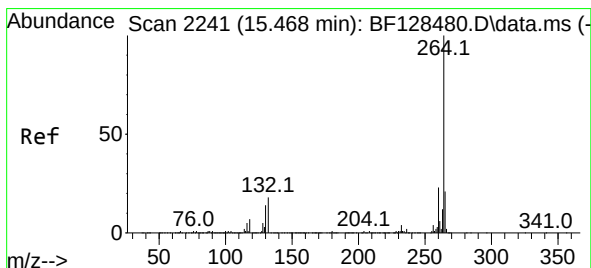
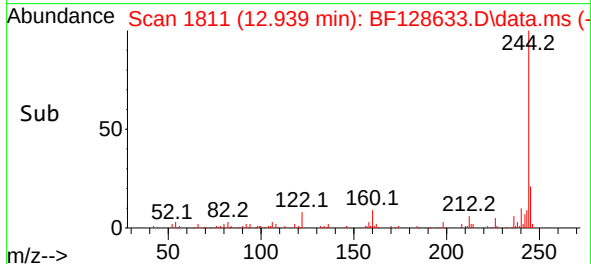
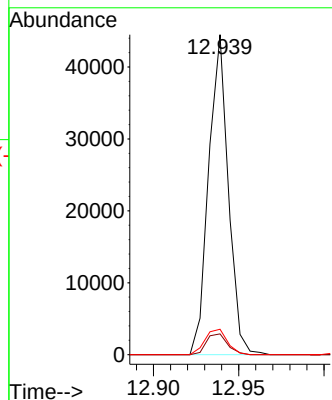
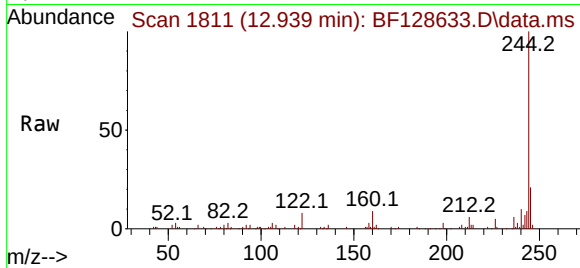




#79
 Terphenyl-d14
 Concen: 2.743 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF128633.D
 Acq: 01 Jun 2022 20:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2

Tgt Ion:244 Resp: 35698
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.1 9.1
 122 8.0 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: BF128633.D
 Acq: 01 Jun 2022 20:23

Tgt Ion:264 Resp: 236534
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.8 17.2 25.8

