

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128365.D
 Acq On : 20 May 2022 15:20
 Operator : CG\JU
 Sample : N2943-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Quant Time: May 23 02:38:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

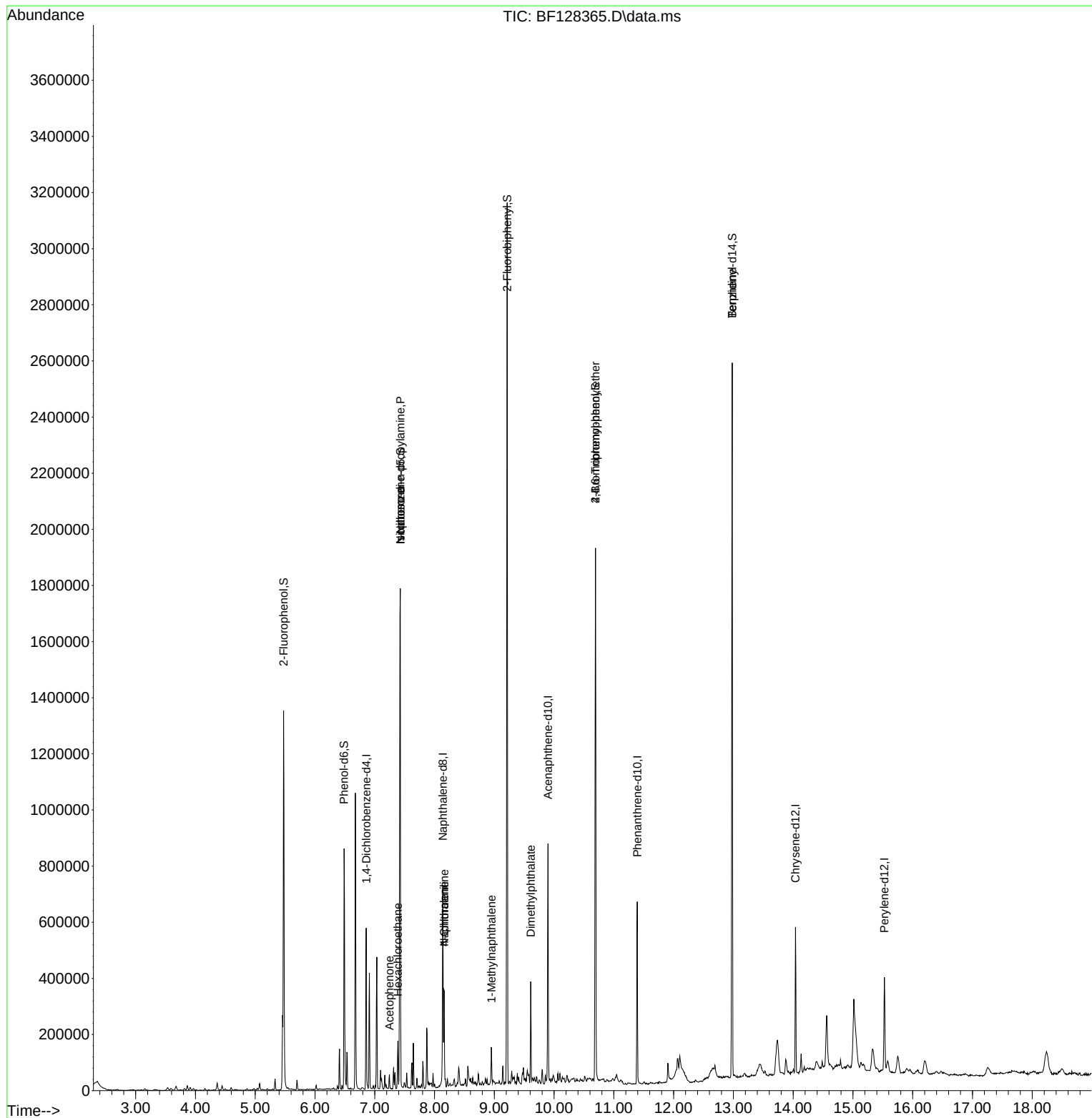
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	73907	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	278169	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	158610	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	220138	20.000	ng	0.00
76) Chrysene-d12	14.039	240	169662	20.000	ng	-0.01
86) Perylene-d12	15.527	264	143342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	353562	76.129	ng	0.00
7) Phenol-d6	6.487	99	270415	44.218	ng	-0.01
23) Nitrobenzene-d5	7.428	82	597109	96.177	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	214834	131.337	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	895523	92.332	ng	0.00
79) Terphenyl-d14	12.980	244	820971	93.410	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.386	117	10548	5.262	ng	# 1
19) n-Nitroso-di-n-propyla...	7.428	70	80889	22.116	ng	# 78
22) Acetophenone	7.245	105	16797	2.480	ng	# 57
25) Isophorone	7.428	82	595459	62.586	ng	# 68
31) Naphthalene	8.163	128	142334	10.500	ng	# 99
33) 4-Chloroaniline	8.163	127	19142	3.529	ng	# 35
38) 1-Methylnaphthalene	8.951	142	24185	2.829	ng	# 100
50) Dimethylphthalate	9.610	163	118198	11.699	ng	# 99
67) 4-Bromophenyl-phenylether	10.692	248	13331	5.786	ng	# 1
77) Benzidine	12.980	184	12326	3.493	ng	# 90

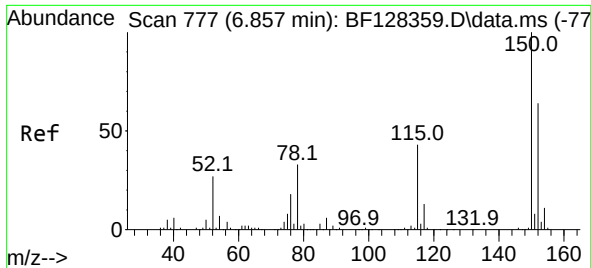
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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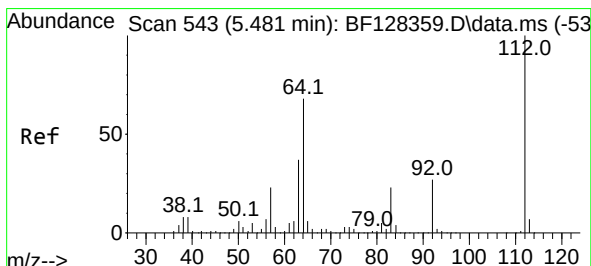
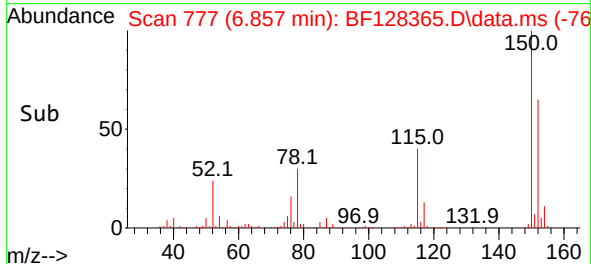
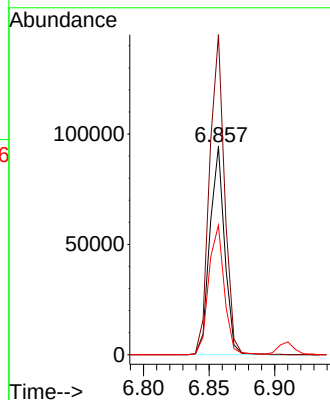
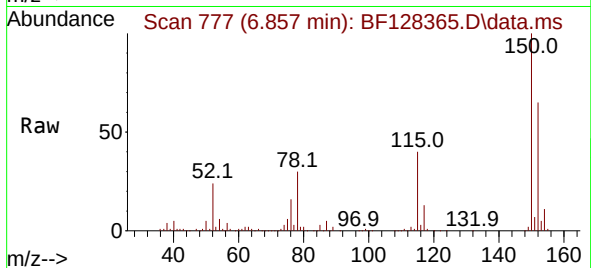




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128365.D
 Acq: 20 May 2022 15:20

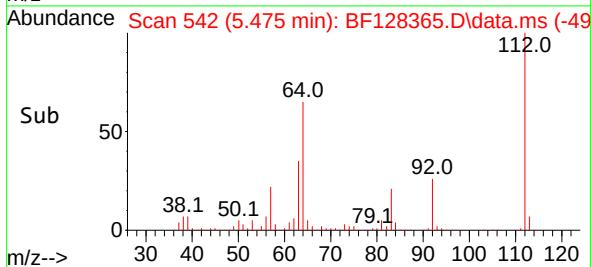
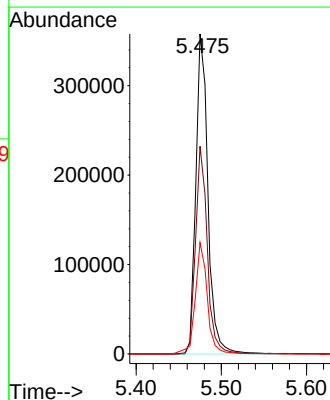
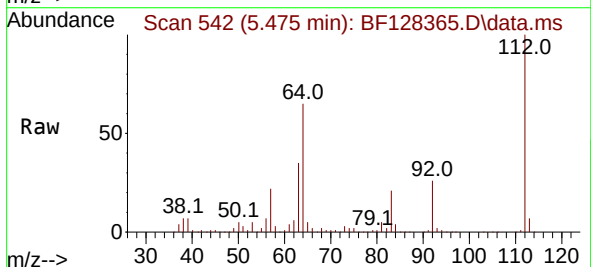
Instrument :
 BNA_F
 ClientSampleId :
 MW-32

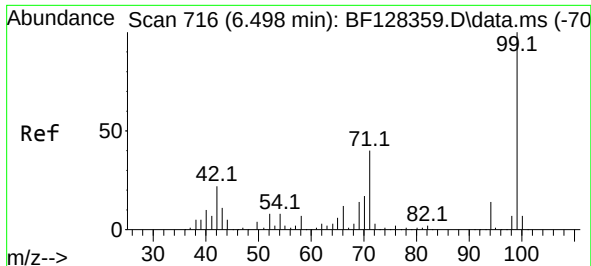
Tgt Ion:152 Resp: 73907
 Ion Ratio Lower Upper
 152 100
 150 153.6 125.3 187.9
 115 62.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 76.129 ng
 RT: 5.475 min Scan# 542
 Delta R.T. -0.006 min
 Lab File: BF128365.D
 Acq: 20 May 2022 15:20

Tgt Ion:112 Resp: 353562
 Ion Ratio Lower Upper
 112 100
 64 64.9 49.5 74.3
 63 34.8 26.3 39.5

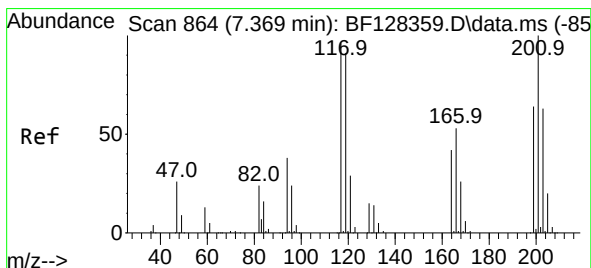
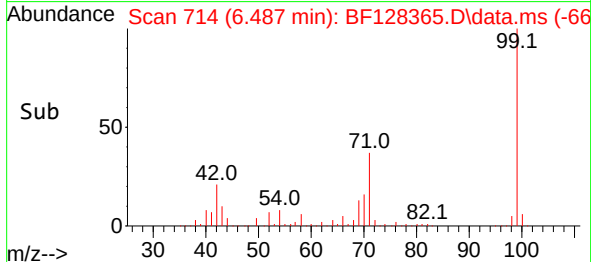
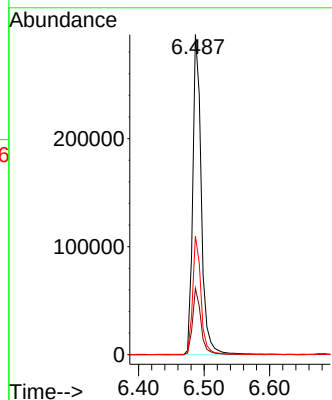
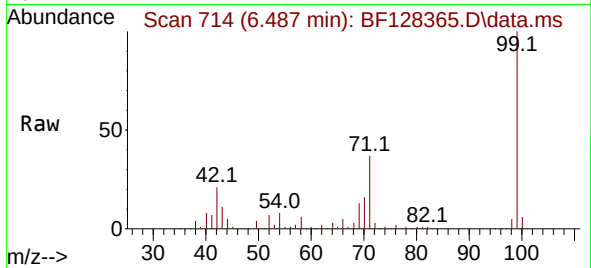




#7
Phenol-d6
Concen: 44.218 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128365.D
Acq: 20 May 2022 15:20

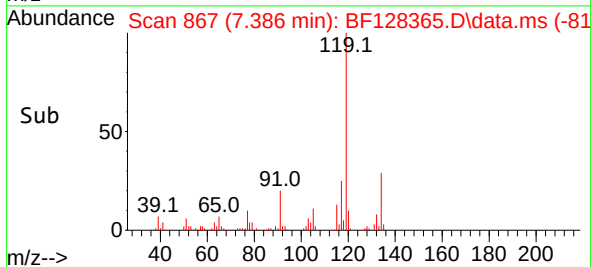
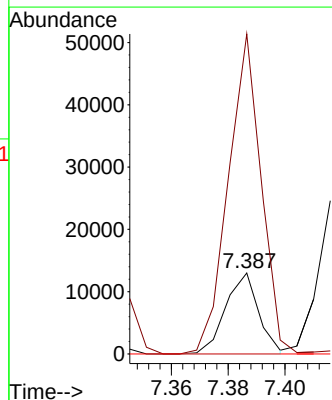
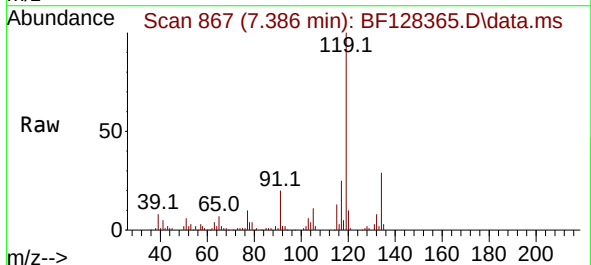
Instrument :
BNA_F
ClientSampleId :
MW-32

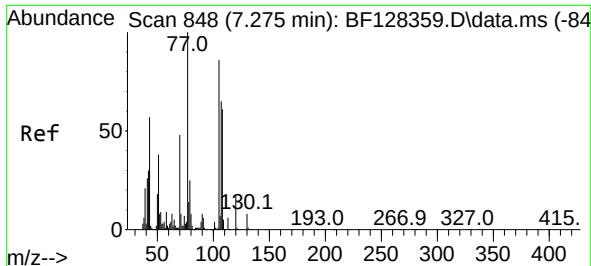
Tgt Ion: 99 Resp: 270415
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 37.1 30.0 45.0



#18
Hexachloroethane
Concen: 5.262 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.018 min
Lab File: BF128365.D
Acq: 20 May 2022 15:20

Tgt Ion: 117 Resp: 10548
Ion Ratio Lower Upper
117 100
119 395.3 76.2 114.4#
201 0.0 84.4 126.6#

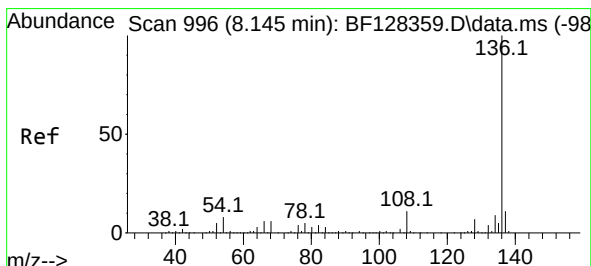
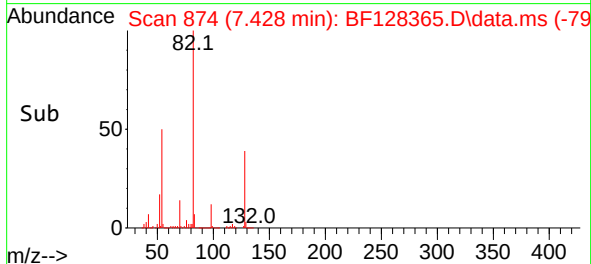
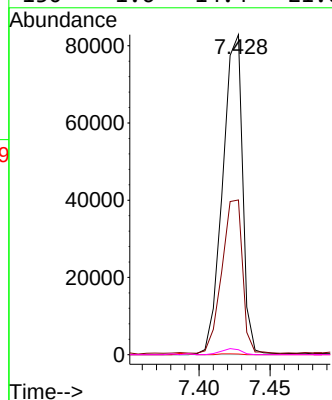
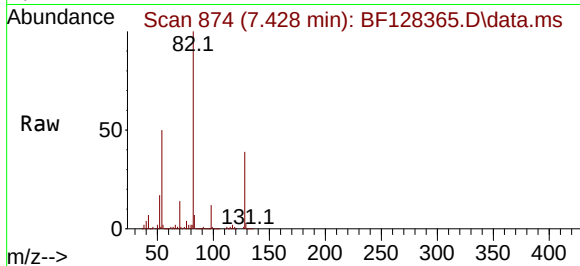




#19
n-Nitroso-di-n-propylamine
Concen: 22.116 ng
RT: 7.428 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF128365.D
Acq: 20 May 2022 15:20

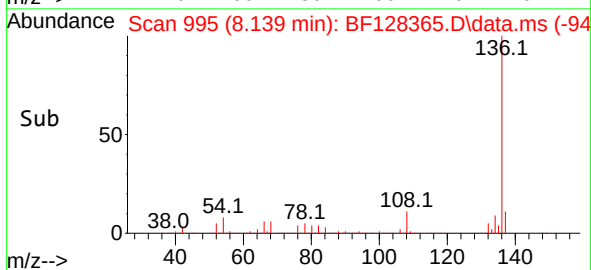
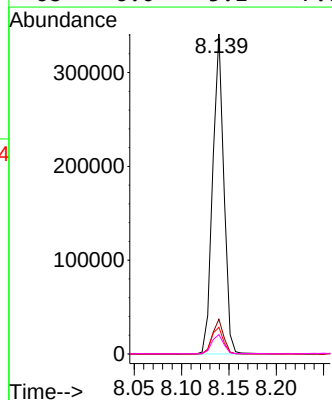
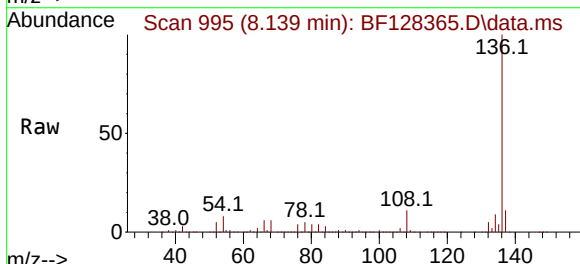
Instrument :
BNA_F
ClientSampleId :
MW-32

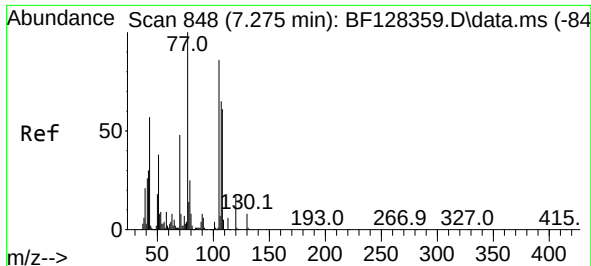
Tgt Ion:	70	Resp:	80889
Ion	Ratio	Lower	Upper
70	100		
42	48.3	48.7	73.1#
101	0.2	7.2	10.8#
130	1.6	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128365.D
Acq: 20 May 2022 15:20

Tgt Ion:	136	Resp:	278169
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.3	6.8	10.2
68	6.0	5.1	7.7

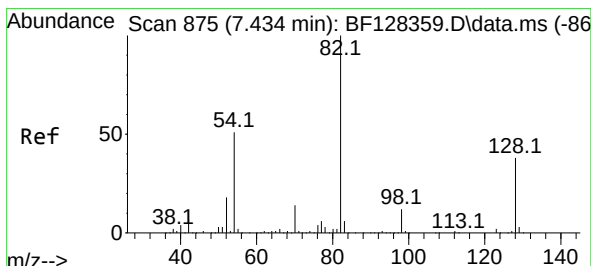
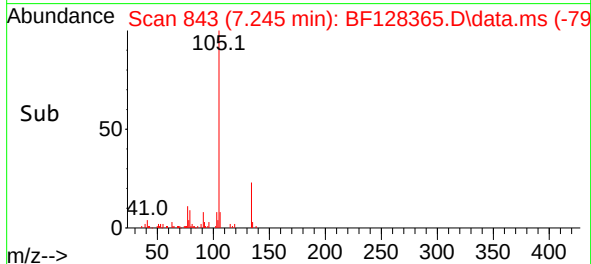
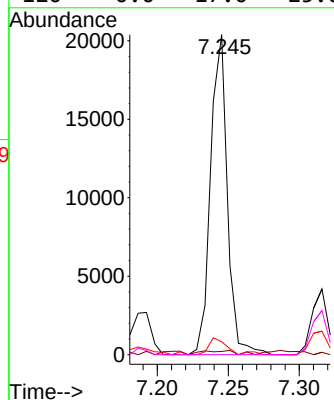
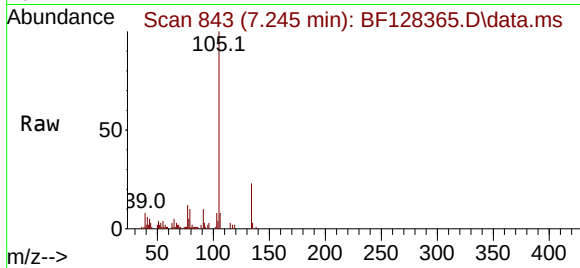




#22
Acetophenone
Concen: 2.480 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.029 min
Lab File: BF128365.D
Acq: 20 May 2022 15:20

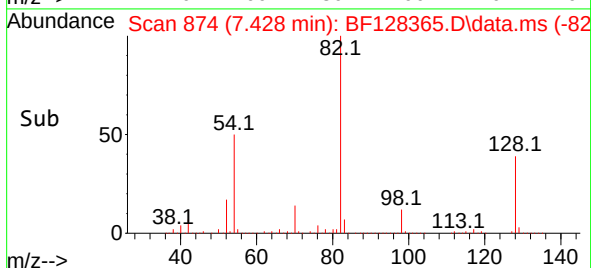
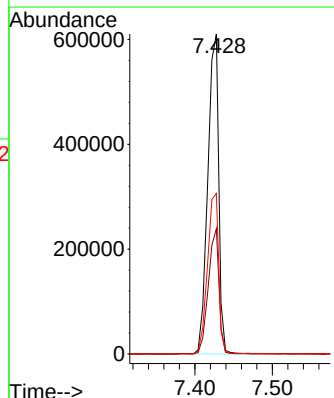
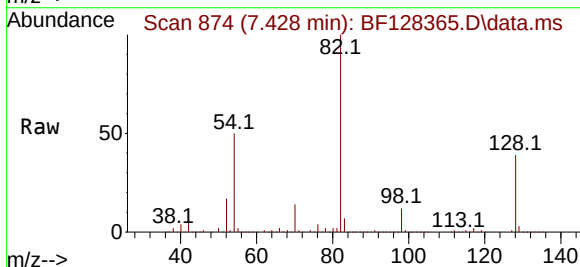
Instrument :
BNA_F
ClientSampleId :
MW-32

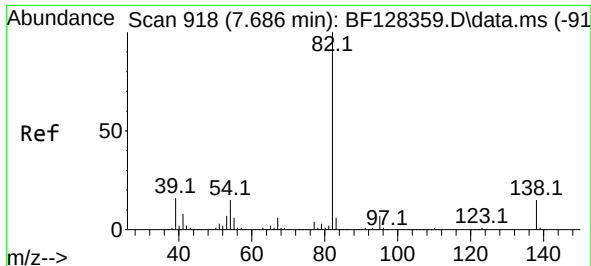
Tgt Ion:105 Resp: 16797
Ion Ratio Lower Upper
105 100
71 1.0 7.3 10.9#
51 4.1 23.7 35.5#
120 0.0 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 96.177 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128365.D
Acq: 20 May 2022 15:20

Tgt Ion: 82 Resp: 597109
Ion Ratio Lower Upper
82 100
128 39.1 30.0 45.0
54 50.2 41.3 61.9





#25

Isophorone

Concen: 62.586 ng

RT: 7.428 min Scan# 81

Delta R.T. -0.259 min

Lab File: BF128365.D

Acq: 20 May 2022 15:20

Instrument :

BNA_F

ClientSampleId :

MW-32

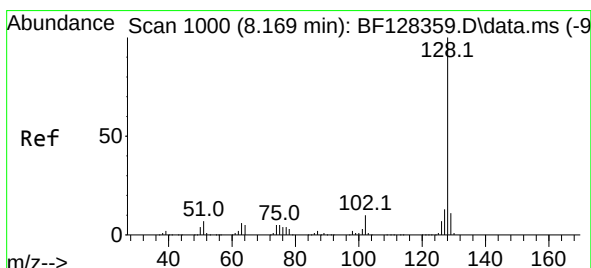
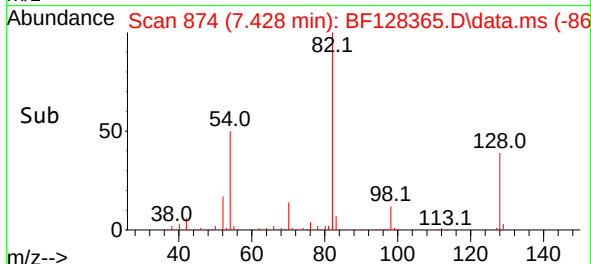
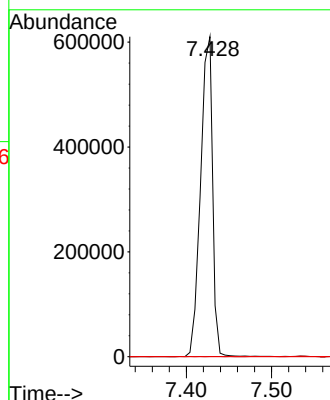
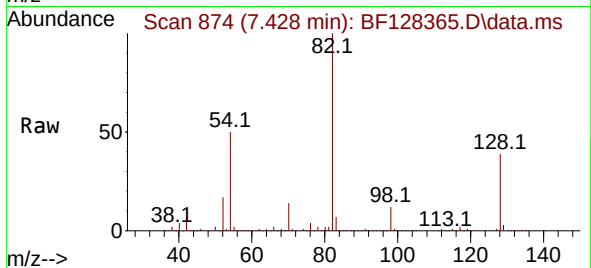
Tgt Ion: 82 Resp: 595459

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 12.5 18.7#



#31

Naphthalene

Concen: 10.500 ng

RT: 8.163 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF128365.D

Acq: 20 May 2022 15:20

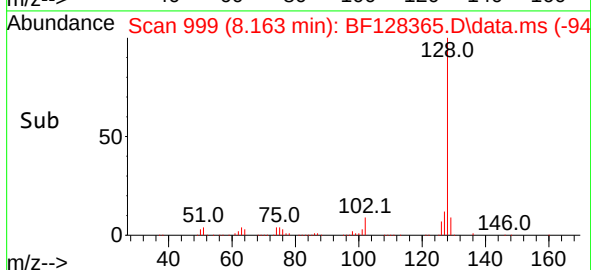
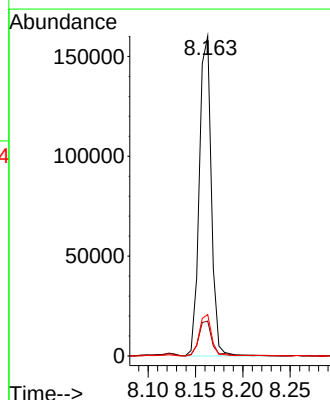
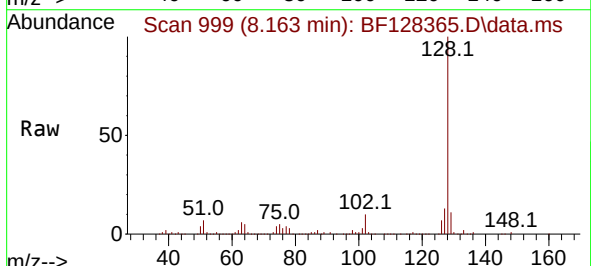
Tgt Ion:128 Resp: 142334

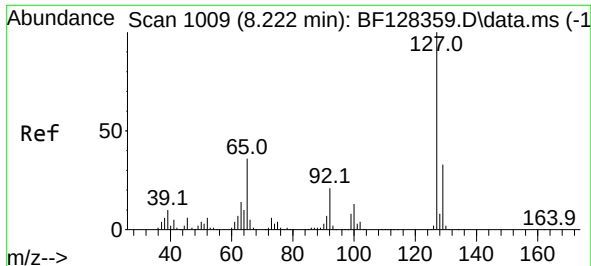
Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.0 10.6 16.0

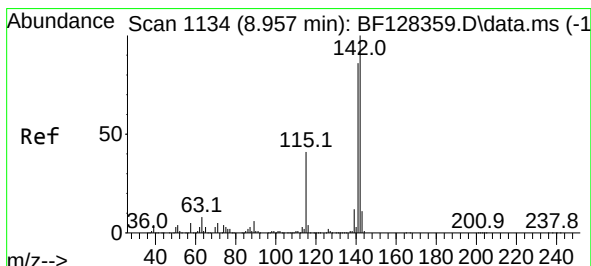
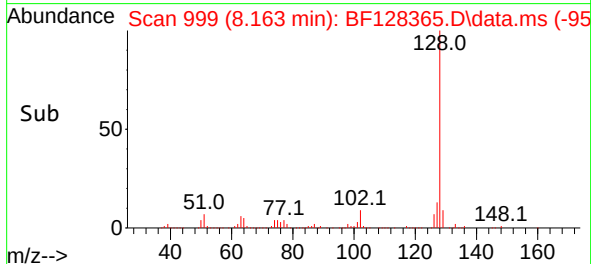
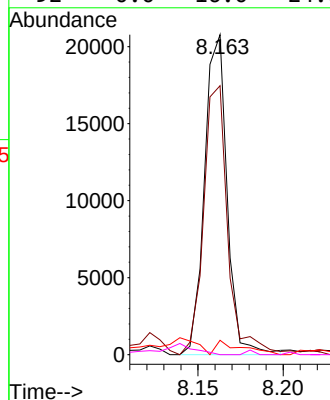
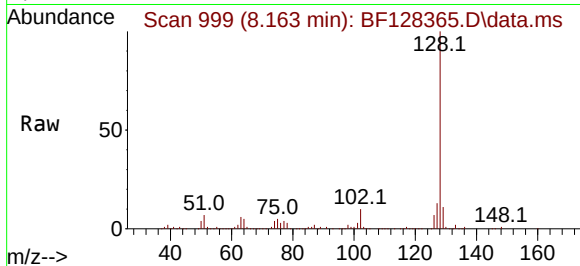




#33
4-Chloroaniline
Concen: 3.529 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.059 min
Lab File: BF128365.D
Acq: 20 May 2022 15:20

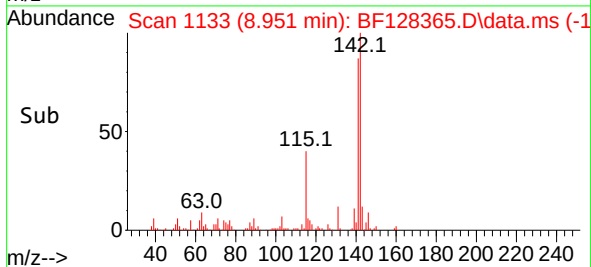
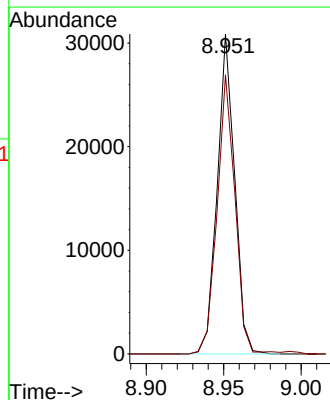
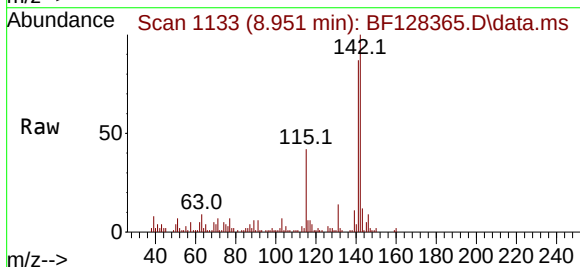
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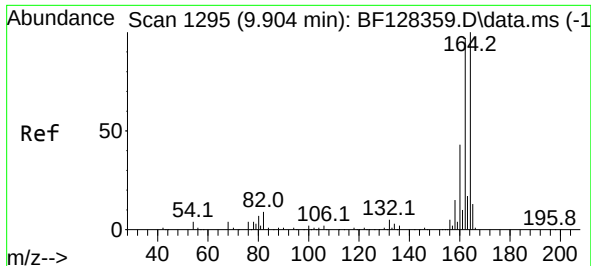
Tgt Ion:127	Resp:	19142
Ion Ratio	Lower	Upper
127	100	
129	84.1	25.8 38.8#
65	4.5	26.7 40.1#
92	0.0	16.0 24.0#



#38
1-Methylnaphthalene
Concen: 2.829 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF128365.D
Acq: 20 May 2022 15:20

Tgt Ion:142	Resp:	24185
Ion Ratio	Lower	Upper
142	100	
141	87.3	70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128365.D

Acq: 20 May 2022 15:20

Instrument :

BNA_F

ClientSampleId :

MW-32

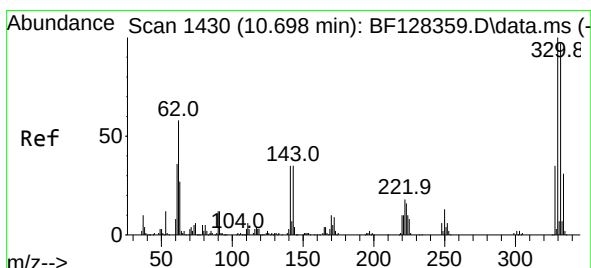
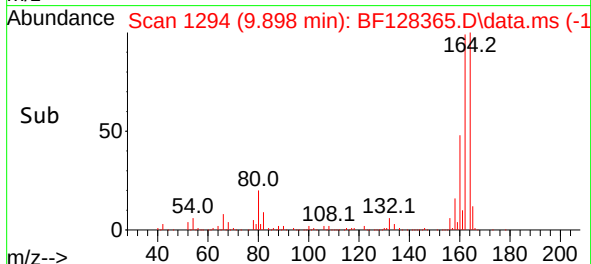
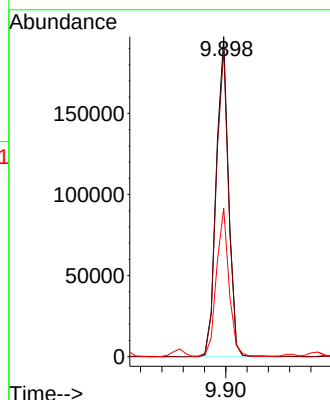
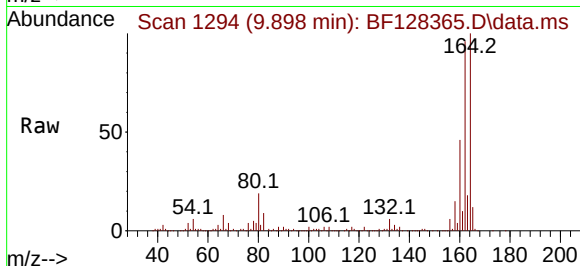
Tgt Ion:164 Resp: 158610

Ion Ratio Lower Upper

164 100

162 96.2 76.0 114.0

160 46.4 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 131.337 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF128365.D

Acq: 20 May 2022 15:20

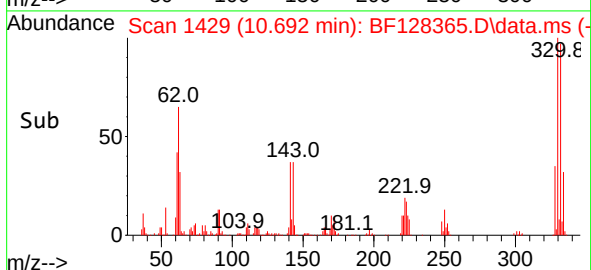
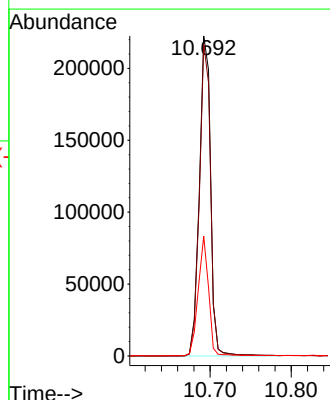
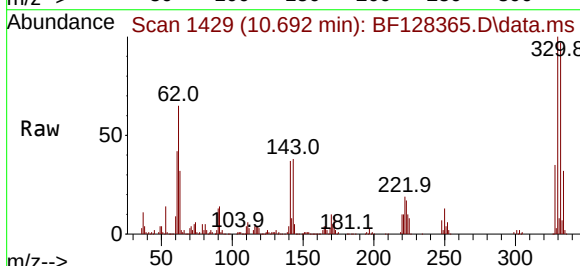
Tgt Ion:330 Resp: 214834

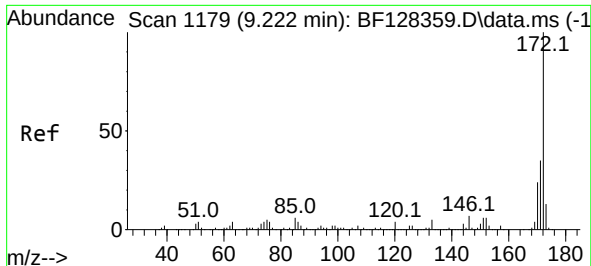
Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

141 35.1 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 92.332 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128365.D

Acq: 20 May 2022 15:20

Instrument :

BNA_F

ClientSampleId :

MW-32

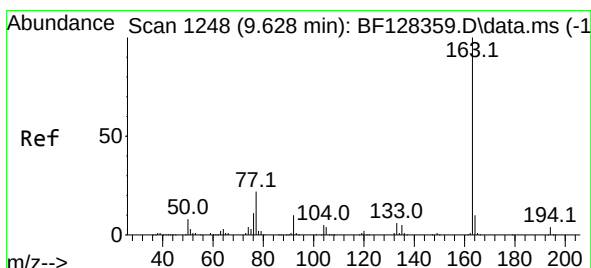
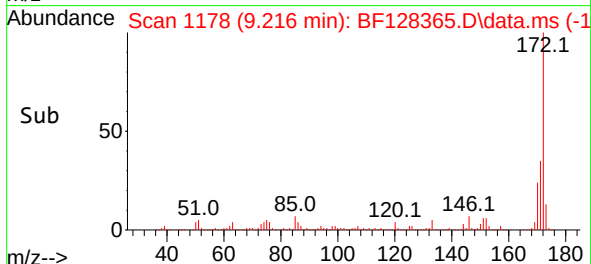
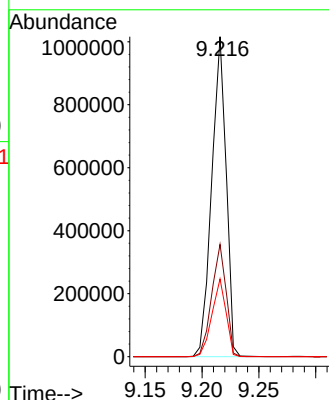
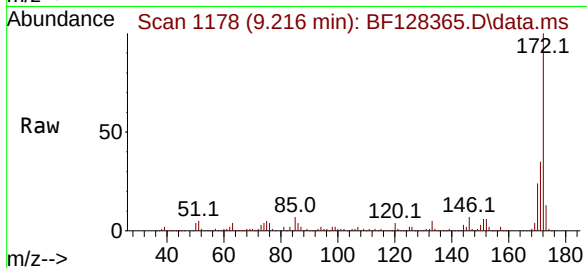
Tgt Ion:172 Resp: 895523

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 24.3 19.1 28.7



#50

Dimethylphthalate

Concen: 11.699 ng

RT: 9.610 min Scan# 1245

Delta R.T. -0.018 min

Lab File: BF128365.D

Acq: 20 May 2022 15:20

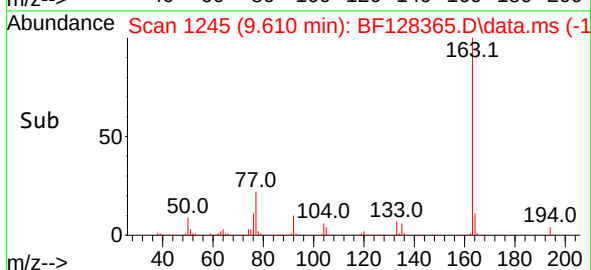
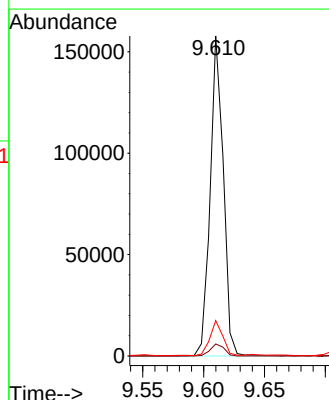
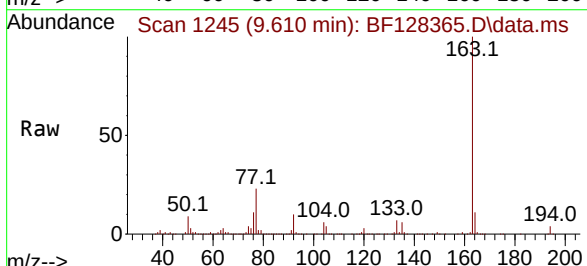
Tgt Ion:163 Resp: 118198

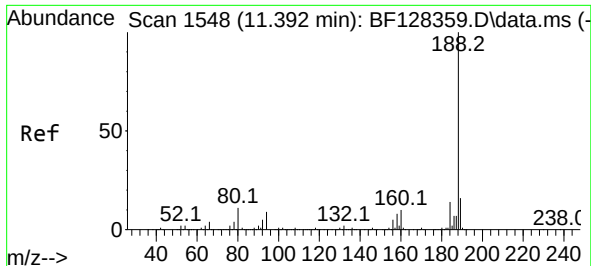
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 11.0 8.6 13.0

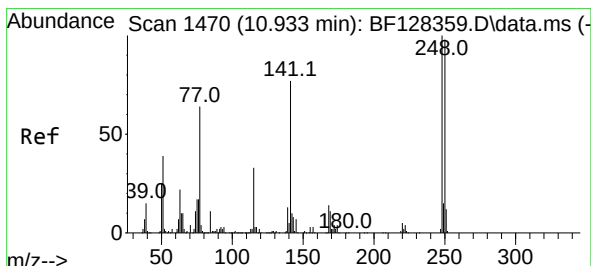
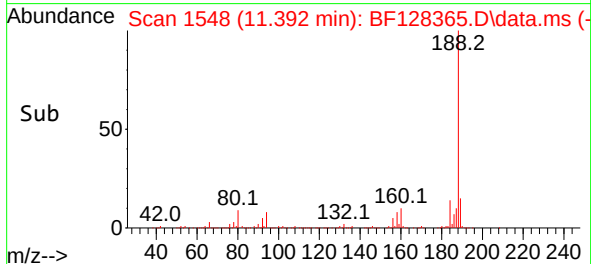
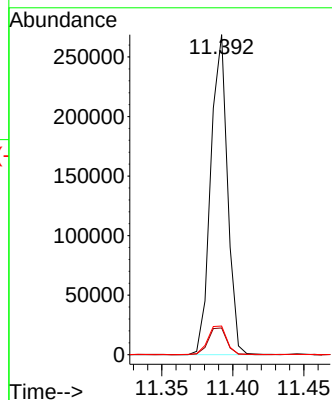
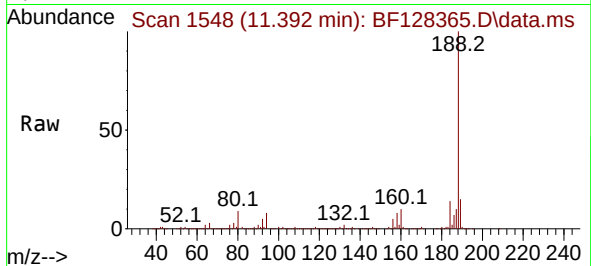




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128365.D
Acq: 20 May 2022 15:20

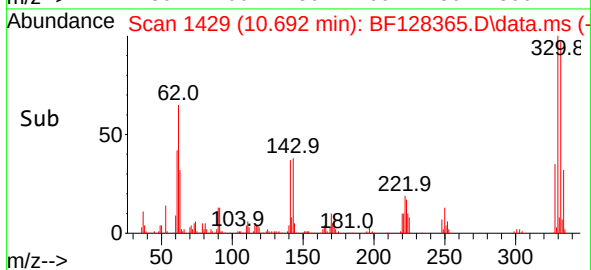
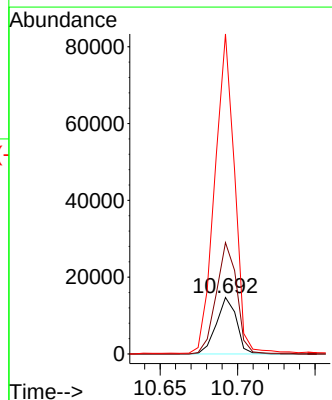
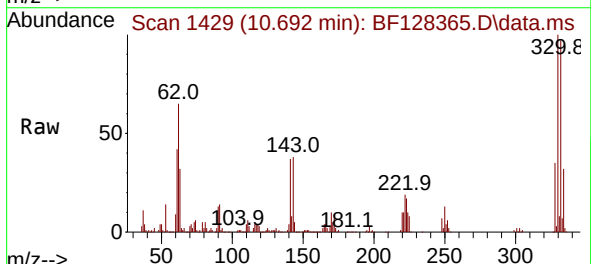
Instrument :
BNA_F
ClientSampleId :
MW-32

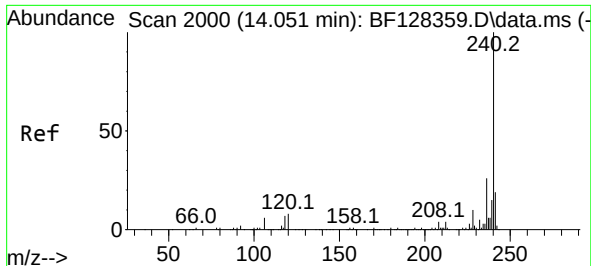
Tgt Ion:188 Resp: 220138
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 5.786 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128365.D
Acq: 20 May 2022 15:20

Tgt Ion:248 Resp: 13331
Ion Ratio Lower Upper
248 100
250 197.0 77.7 116.5#
141 566.1 65.6 98.4#

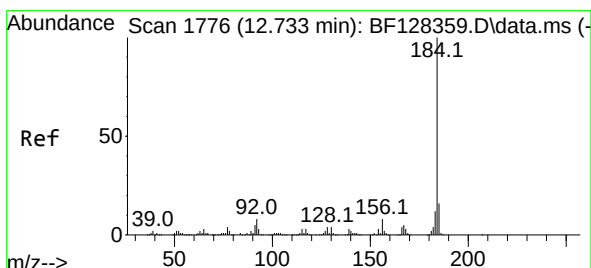
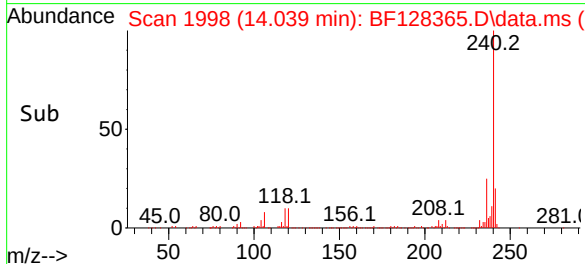
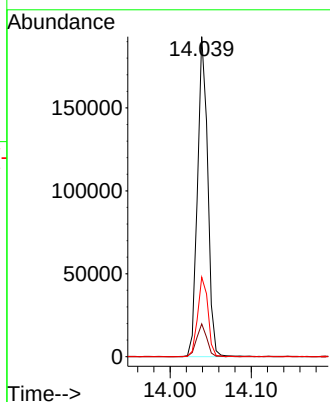
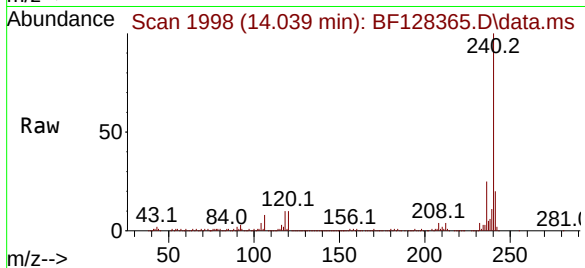




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128365.D
Acq: 20 May 2022 15:20

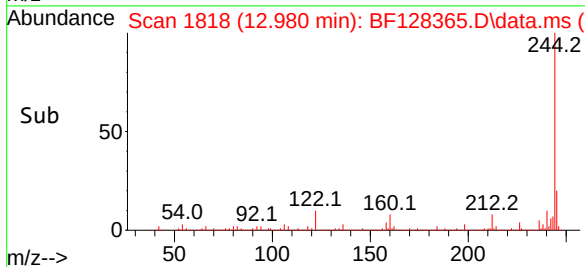
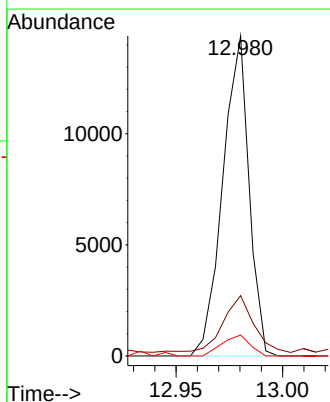
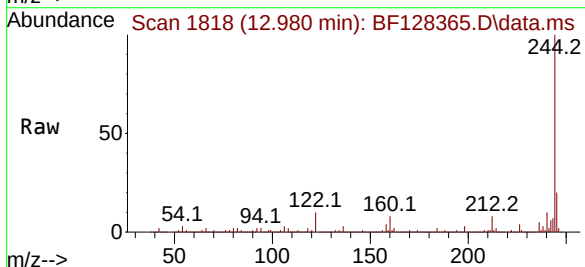
Instrument :
BNA_F
ClientSampleId :
MW-32

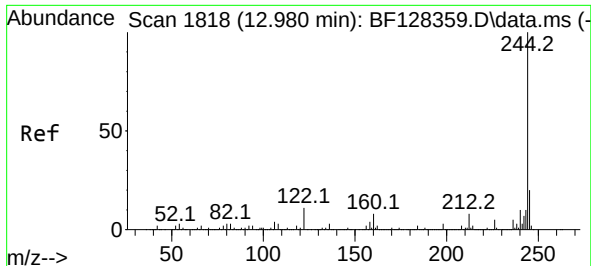
Tgt Ion:240 Resp: 169662
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 24.9 20.3 30.5



#77
Benzidine
Concen: 3.493 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128365.D
Acq: 20 May 2022 15:20

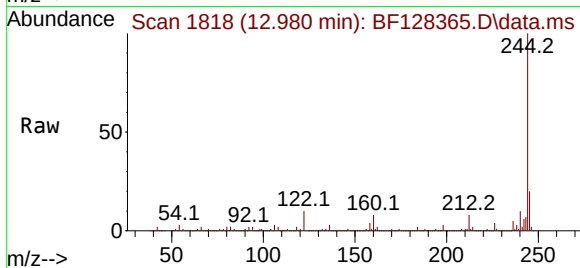
Tgt Ion:184 Resp: 12326
Ion Ratio Lower Upper
184 100
185 18.8 12.1 18.1#
183 6.5 9.0 13.4#



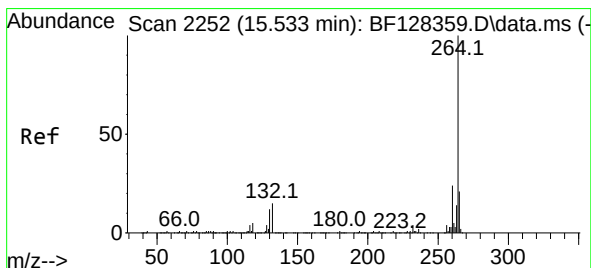
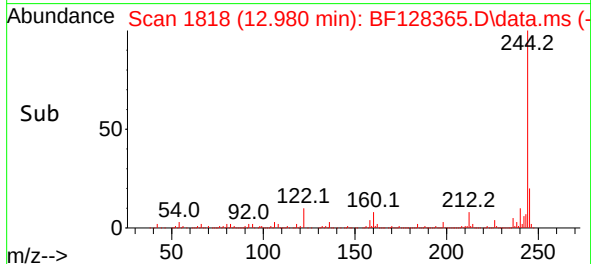
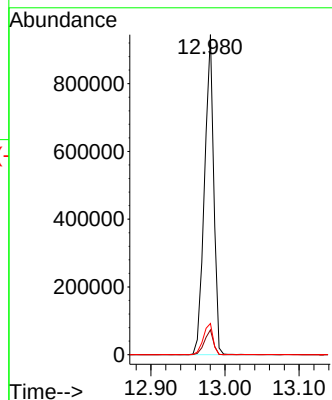


#79
 Terphenyl-d14
 Concen: 93.410 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128365.D
 Acq: 20 May 2022 15:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-32



Tgt Ion:244 Resp: 820971
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 9.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128365.D
 Acq: 20 May 2022 15:20

Tgt Ion:264 Resp: 143342
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 22.3 17.5 26.3

