

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128800.D
 Acq On : 14 Jun 2022 15:16
 Operator : CG\JU
 Sample : N3327-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EW-WMR-COMP-1

Quant Time: Jun 15 01:01:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

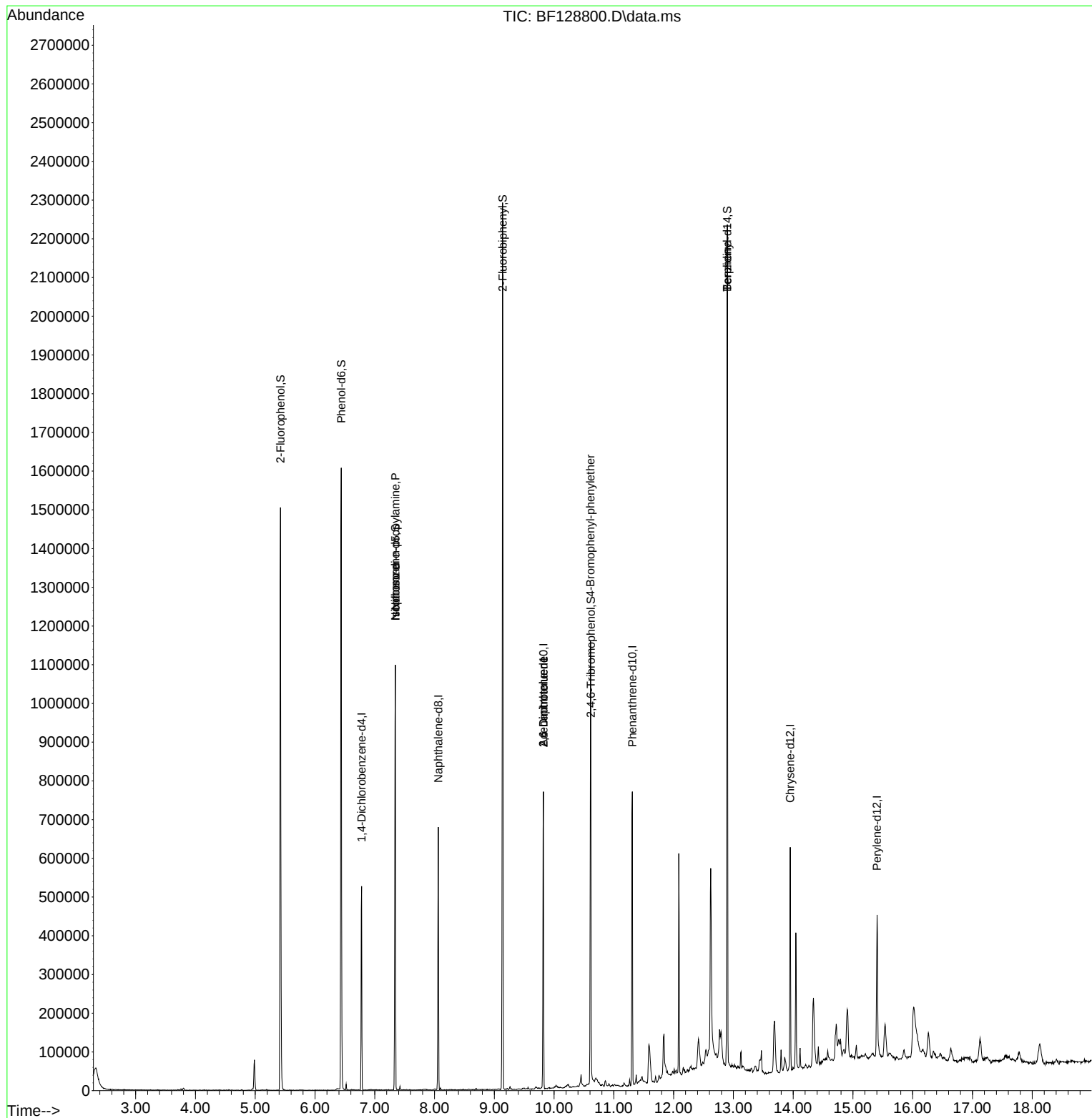
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	72234	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	267152	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	156041	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	279862	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	182292	20.000	ng	#-0.01
86) Perylene-d12	15.403	264	168251	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	385195	84.939	ng	0.00
7) Phenol-d6	6.439	99	490064	88.528	ng	0.00
23) Nitrobenzene-d5	7.345	82	342397	59.672	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	128301	69.589	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	677469	60.817	ng	0.00
79) Terphenyl-d14	12.898	244	684597	65.257	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	47312	13.746	ng	# 77
25) Isophorone	7.345	82	342389	39.289	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	20236	9.599	ng	# 25
57) 2,4-Dinitrotoluene	9.822	165	20236	7.193	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	8234	2.638	ng	# 1
77) Benzidine	12.898	184	9683	2.665	ng	# 84

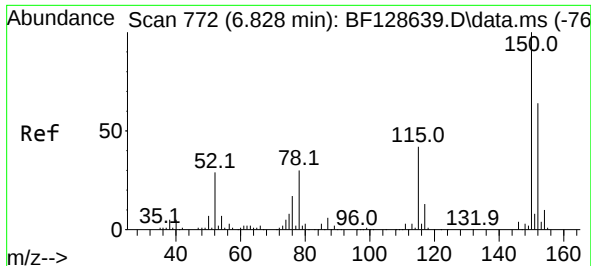
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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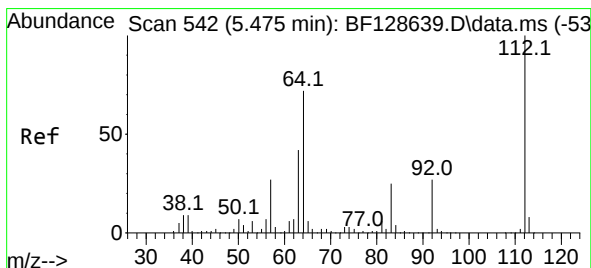
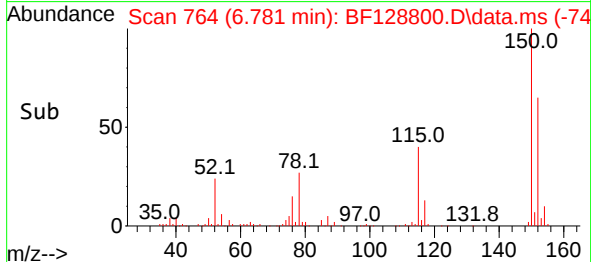
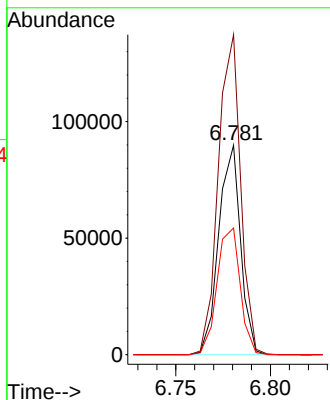
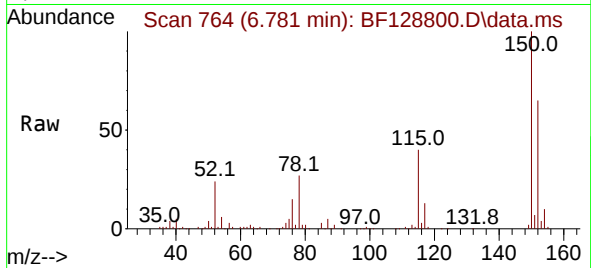




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128800.D
Acq: 14 Jun 2022 15:16

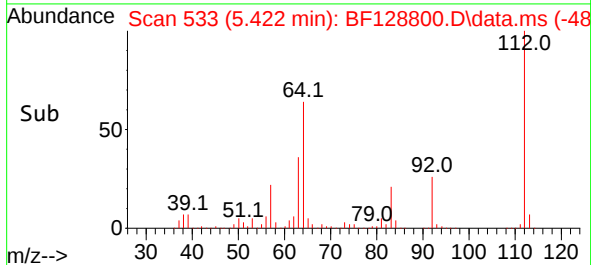
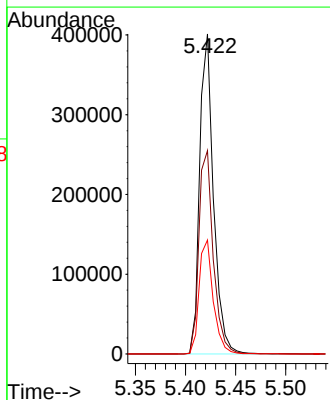
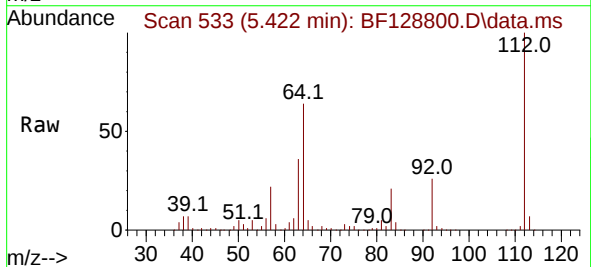
Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-1

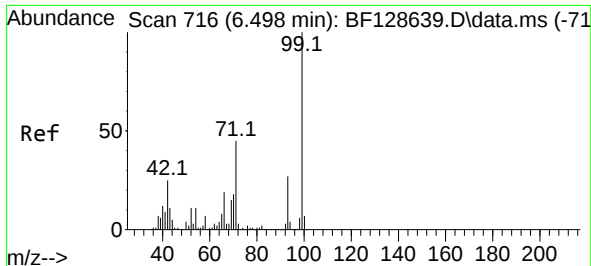
Tgt Ion:152 Resp: 72234
Ion Ratio Lower Upper
152 100
150 152.8 123.7 185.5
115 60.5 49.9 74.9



#5
2-Fluorophenol
Concen: 84.939 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128800.D
Acq: 14 Jun 2022 15:16

Tgt Ion:112 Resp: 385195
Ion Ratio Lower Upper
112 100
64 63.6 53.3 79.9
63 35.6 28.0 42.0

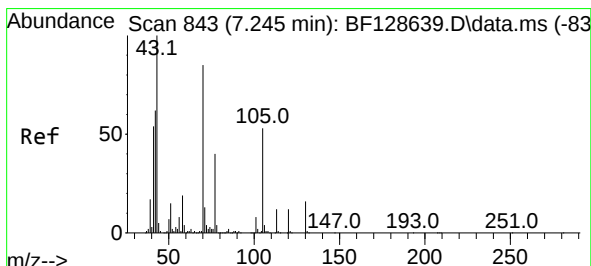
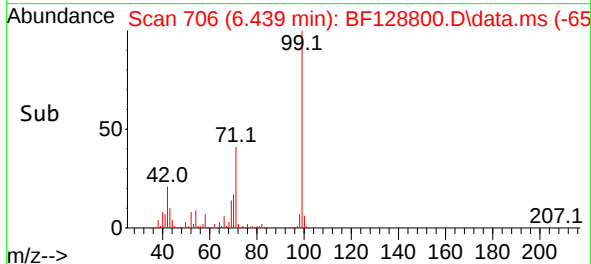
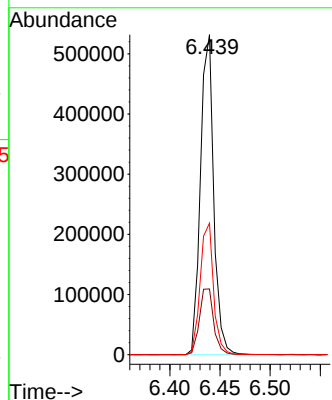
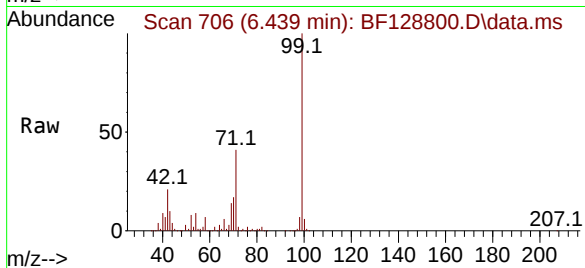




#7
Phenol-d6
Concen: 88.528 ng
RT: 6.439 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF128800.D
Acq: 14 Jun 2022 15:16

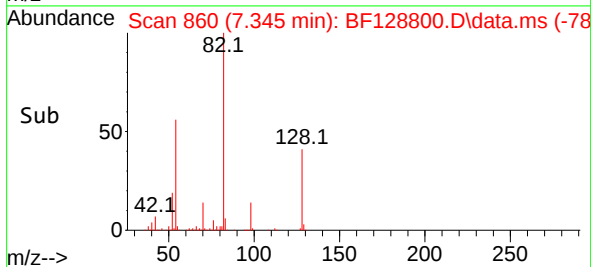
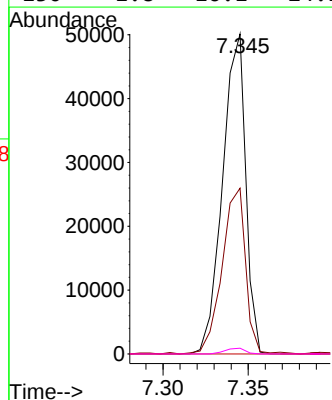
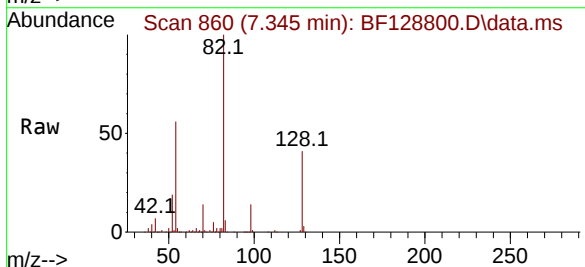
Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-1

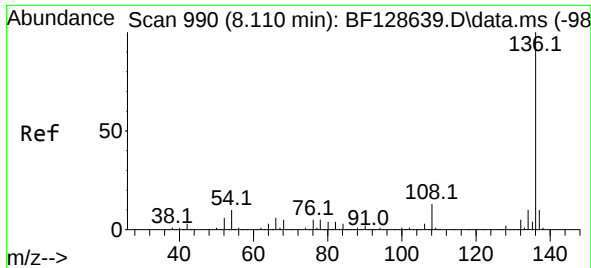
Tgt Ion: 99 Resp: 490064
Ion Ratio Lower Upper
99 100
42 20.6 17.3 25.9
71 41.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.746 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128800.D
Acq: 14 Jun 2022 15:16

Tgt Ion: 70 Resp: 47312
Ion Ratio Lower Upper
70 100
42 51.8 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

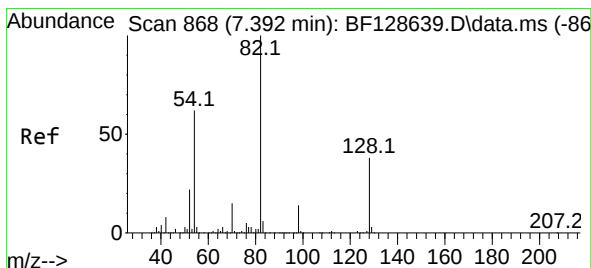
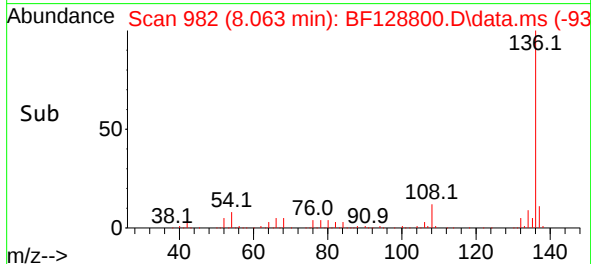
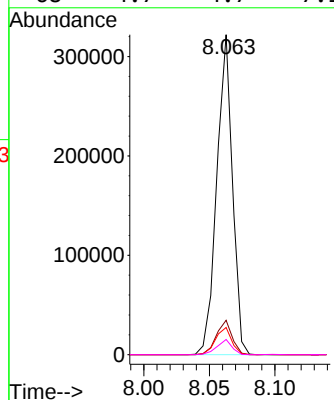
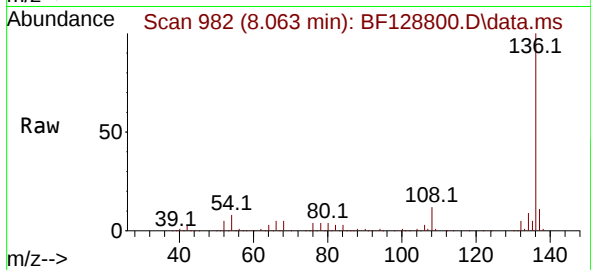




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128800.D
Acq: 14 Jun 2022 15:16

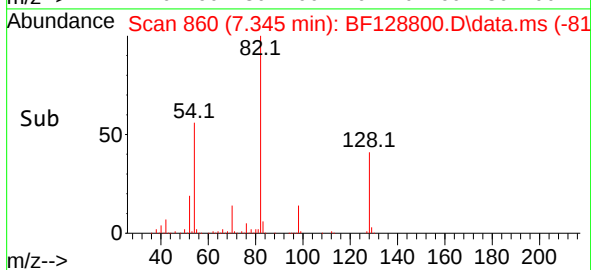
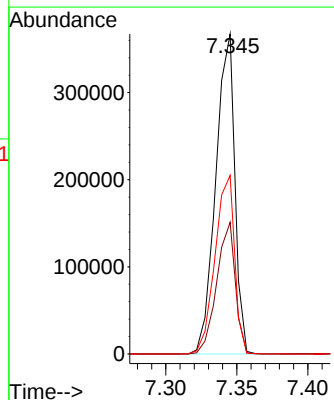
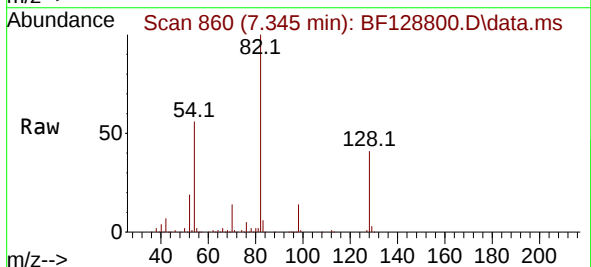
Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-1

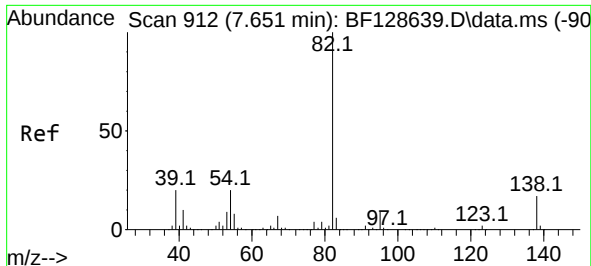
Tgt	Ion:136	Resp:	267152
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.5	7.5	11.3
68	4.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 59.672 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128800.D
Acq: 14 Jun 2022 15:16

Tgt Ion: 82	Resp: 342397
Ion Ratio	Lower Upper
82 100	
128 41.1	34.0 51.0
54 55.8	46.9 70.3

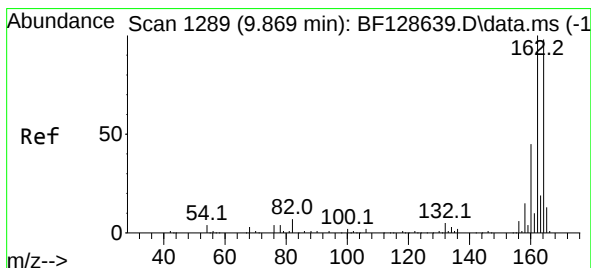
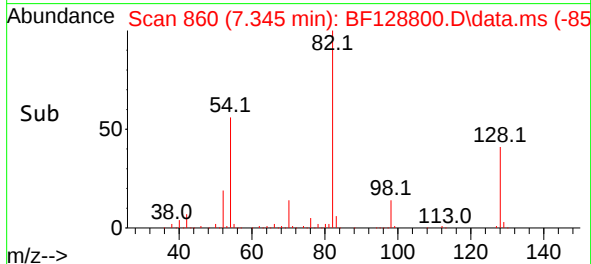
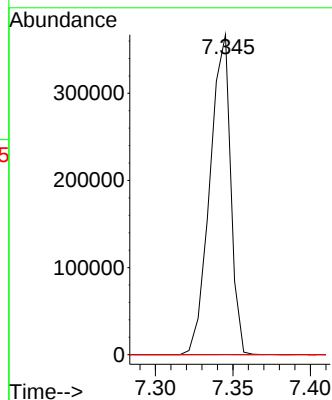
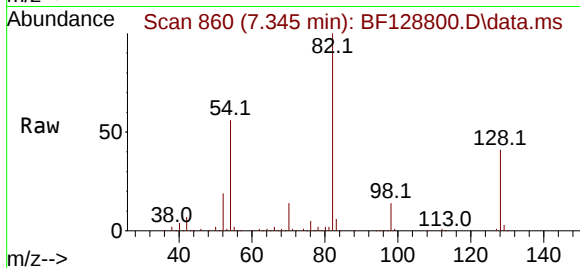




#25
Isophorone
Concen: 39.289 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128800.D
Acq: 14 Jun 2022 15:16

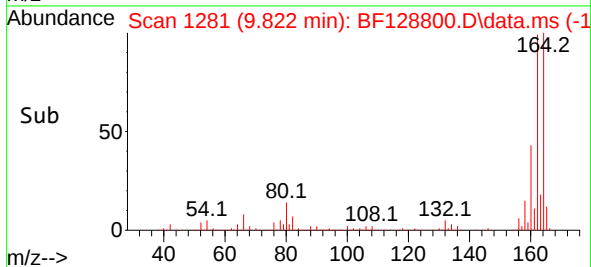
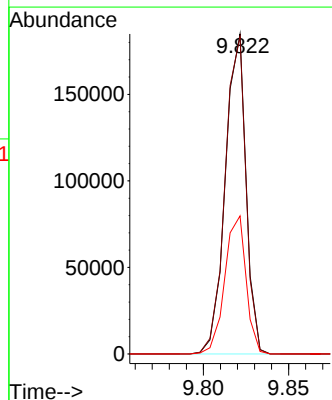
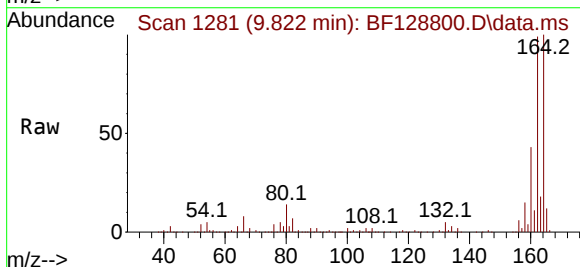
Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-1

Tgt Ion: 82 Resp: 342389
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128800.D
Acq: 14 Jun 2022 15:16

Tgt Ion:164 Resp: 156041
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 43.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 69.589 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128800.D

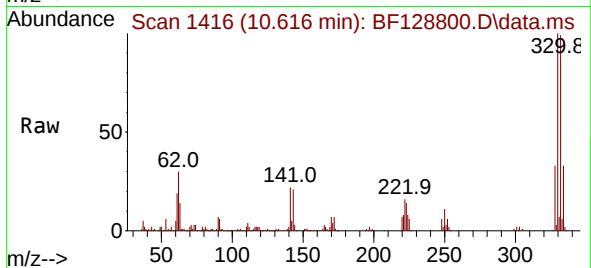
Acq: 14 Jun 2022 15:16

Instrument :

BNA_F

ClientSampleId :

EW-WMR-COMP-1



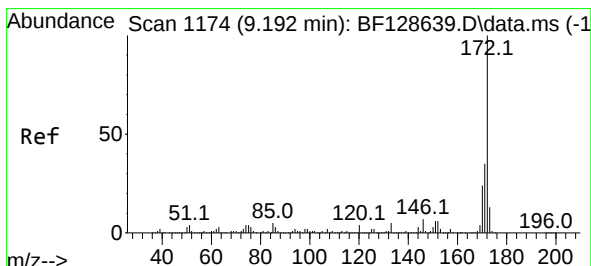
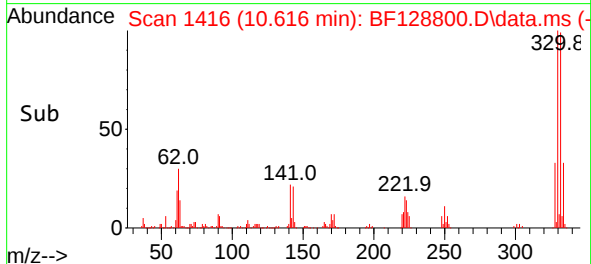
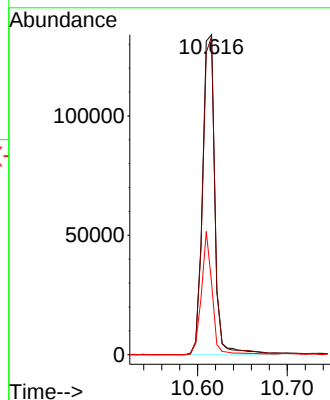
Tgt Ion:330 Resp: 128301

Ion Ratio Lower Upper

330 100

332 98.6 76.8 115.2

141 33.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 60.817 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF128800.D

Acq: 14 Jun 2022 15:16

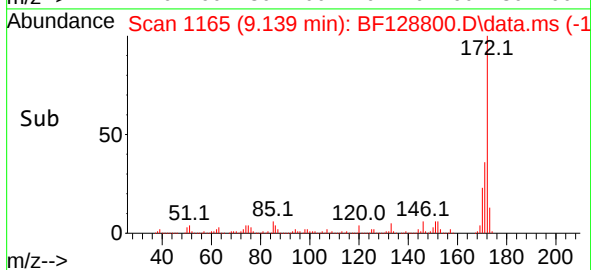
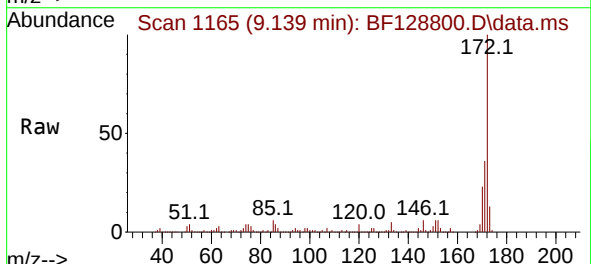
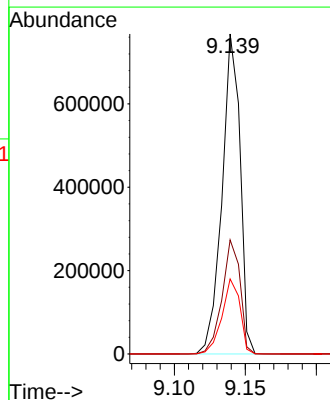
Tgt Ion:172 Resp: 677469

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.599 ng

RT: 9.822 min Scan# 1281

Delta R.T. 0.206 min

Lab File: BF128800.D

Acq: 14 Jun 2022 15:16

Instrument :

BNA_F

ClientSampleId :

EW-WMR-COMP-1

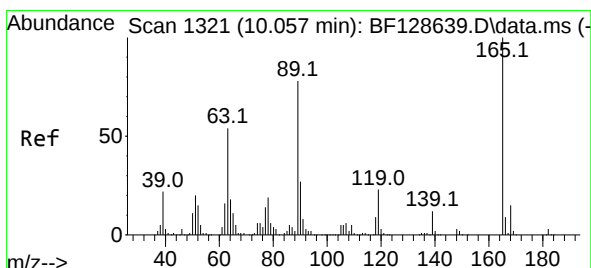
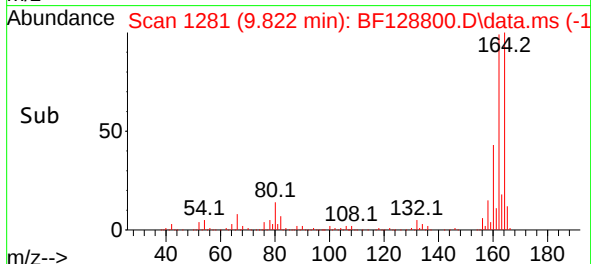
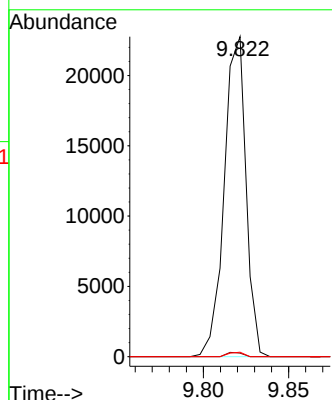
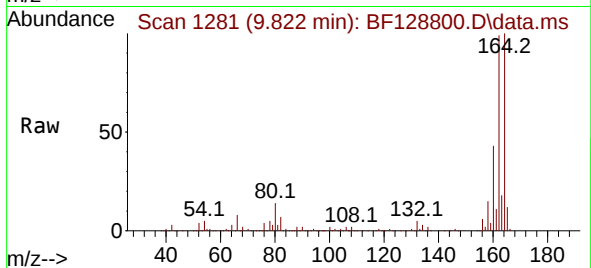
Tgt Ion:165 Resp: 20236

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.193 ng

RT: 9.822 min Scan# 1281

Delta R.T. -0.200 min

Lab File: BF128800.D

Acq: 14 Jun 2022 15:16

Tgt Ion:165 Resp: 20236

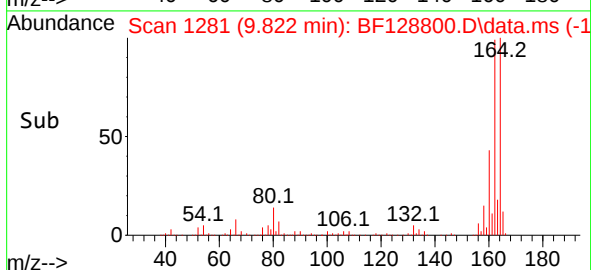
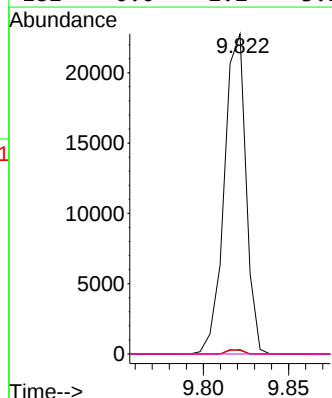
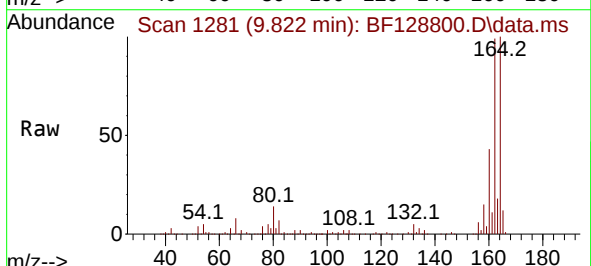
Ion Ratio Lower Upper

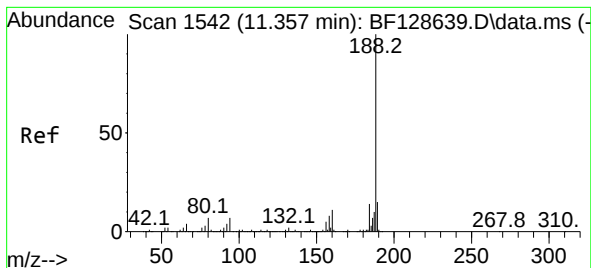
165 100

63 1.1 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128800.D

Acq: 14 Jun 2022 15:16

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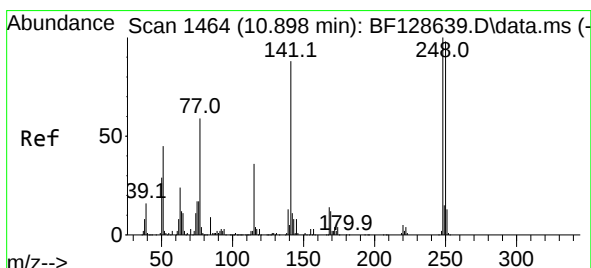
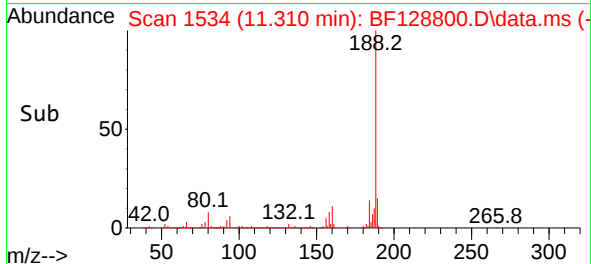
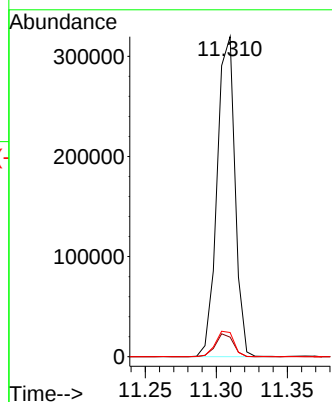
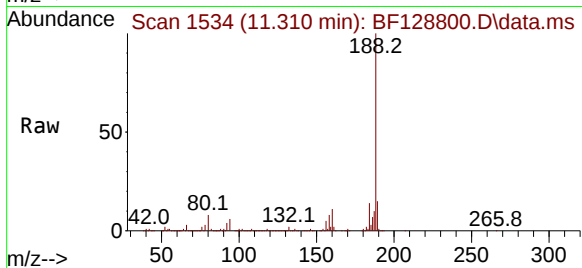
Tgt Ion:188 Resp: 279862

Ion Ratio Lower Upper

188 100

94 6.1 7.0 10.6#

80 7.6 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 2.638 ng

RT: 10.610 min Scan# 1415

Delta R.T. -0.247 min

Lab File: BF128800.D

Acq: 14 Jun 2022 15:16

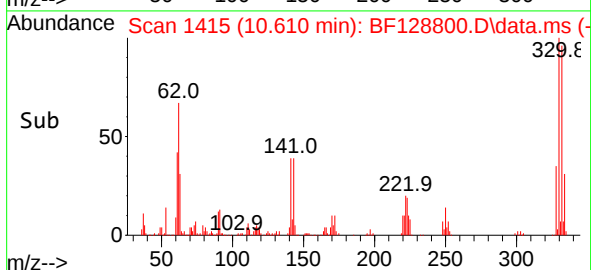
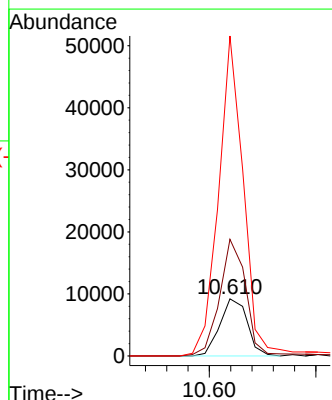
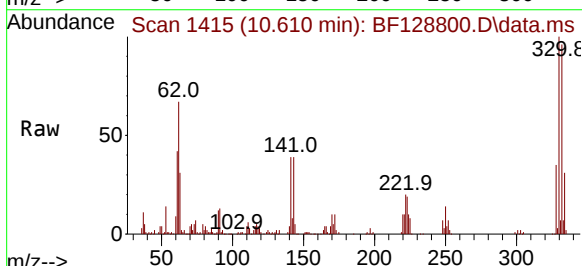
Tgt Ion:248 Resp: 8234

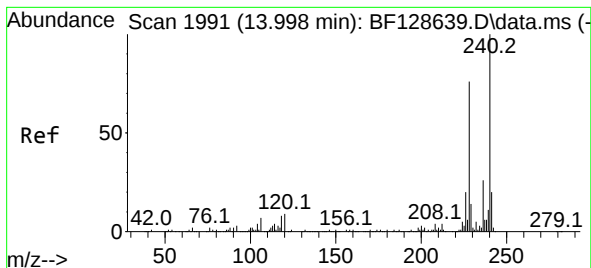
Ion Ratio Lower Upper

248 100

250 204.0 80.6 120.8#

141 559.6 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 1804

Delta R.T. -0.012 min

Lab File: BF128800.D

Acq: 14 Jun 2022 15:16

Instrument :

BNA_F

ClientSampleId :

EW-WMR-COMP-1

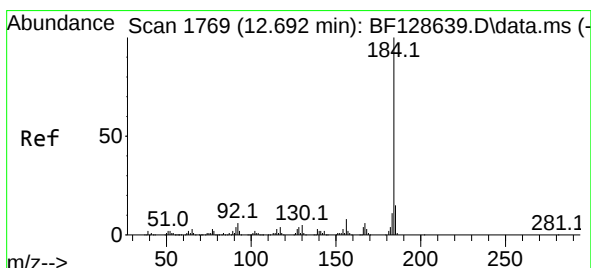
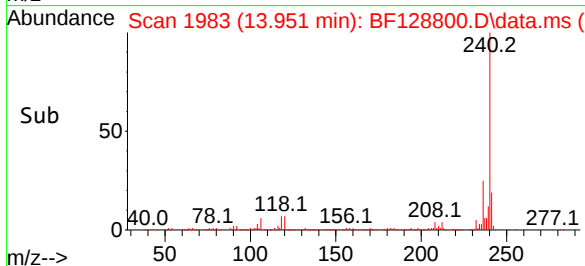
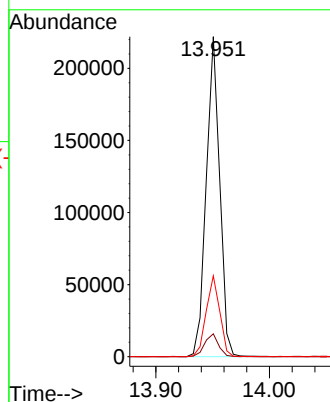
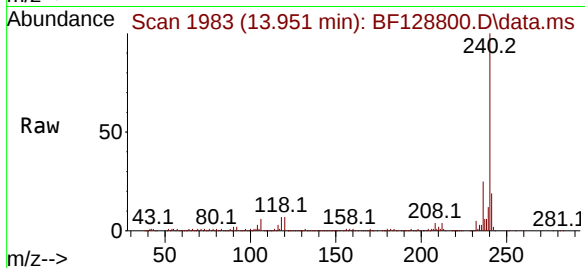
Tgt Ion:240 Resp: 182292

Ion Ratio Lower Upper

240 100

120 7.2 8.9 13.3#

236 25.3 20.8 31.2



#77

Benzidine

Concen: 2.665 ng

RT: 12.898 min Scan# 1804

Delta R.T. 0.247 min

Lab File: BF128800.D

Acq: 14 Jun 2022 15:16

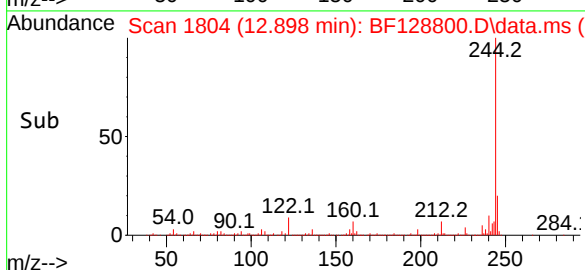
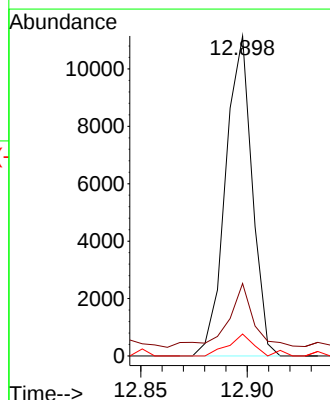
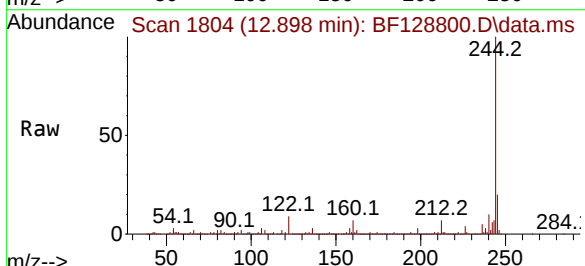
Tgt Ion:184 Resp: 9683

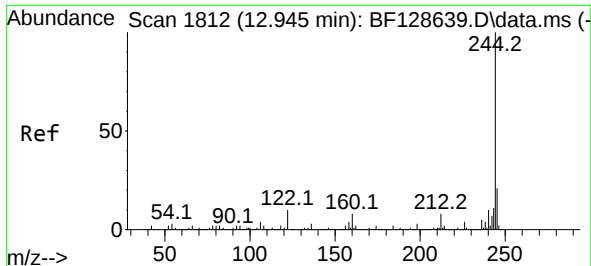
Ion Ratio Lower Upper

184 100

185 22.7 11.9 17.9#

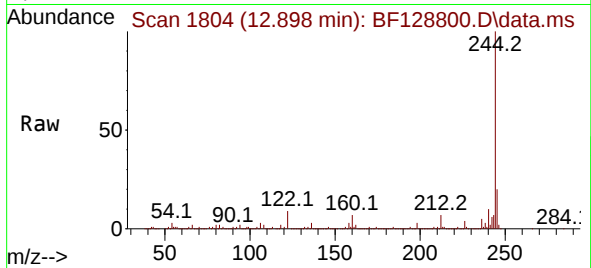
183 6.9 9.3 13.9#



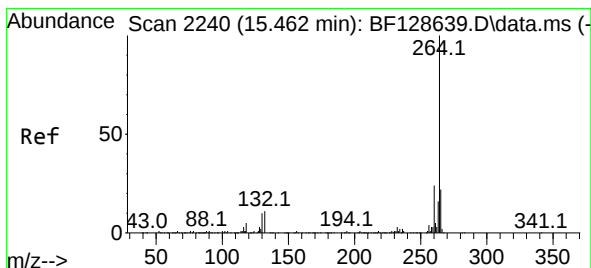
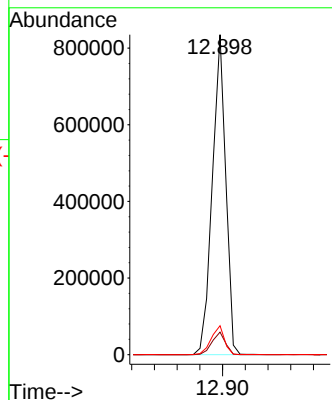
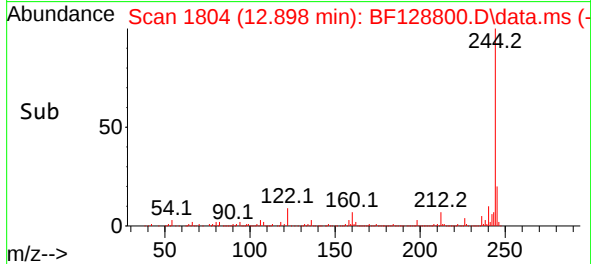


#79
 Terphenyl-d14
 Concen: 65.257 ng
 RT: 12.898 min Scan# 1804
 Delta R.T. -0.006 min
 Lab File: BF128800.D
 Acq: 14 Jun 2022 15:16

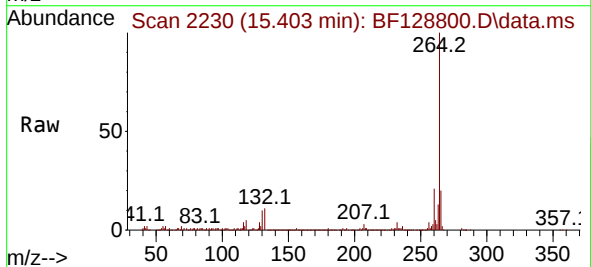
Instrument :
 BNA_F
 ClientSampleId :
 EW-WMR-COMP-1



Tgt Ion:244 Resp: 684597
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 9.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.403 min Scan# 2230
 Delta R.T. -0.012 min
 Lab File: BF128800.D
 Acq: 14 Jun 2022 15:16



Tgt Ion:264 Resp: 168251
 Ion Ratio Lower Upper
 264 100
 260 21.4 18.4 27.6
 265 20.2 17.2 25.8

