

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128623.D
 Acq On : 01 Jun 2022 14:20
 Operator : CG\JU
 Sample : N3099-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220420-COMPOSITE-I

Quant Time: Jun 02 04:36:47 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)

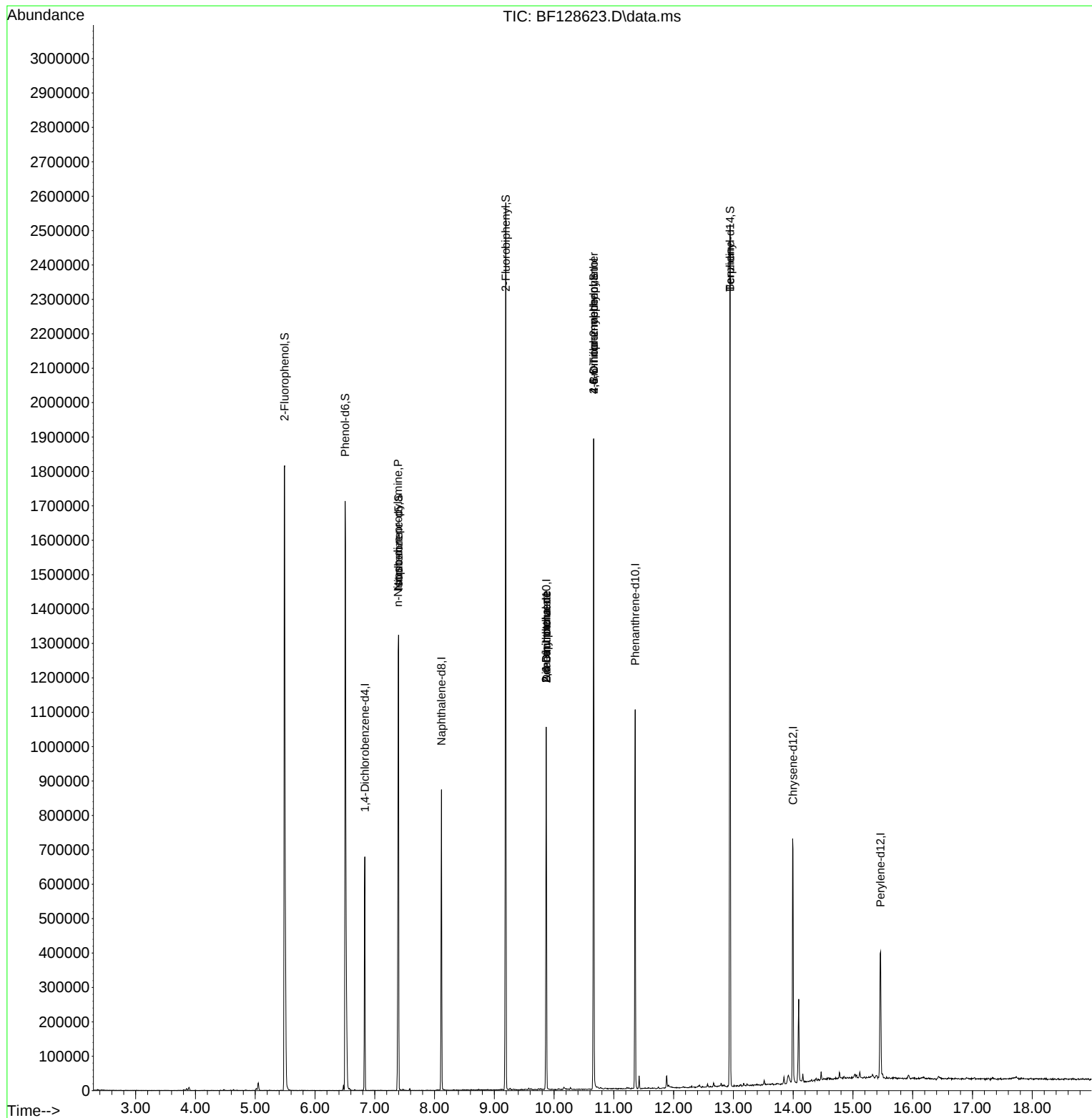
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	87614	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	333242	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	192229	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	371449	20.000	ng	#-0.01
76) Chrysene-d12	13.998	240	250534	20.000	ng	#-0.01
86) Perylene-d12	15.462	264	175608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	562271	106.301	ng	0.04
7) Phenol-d6	6.504	99	646001	95.787	ng	0.04
23) Nitrobenzene-d5	7.398	82	441307	76.395	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	202224	110.523	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	725638	61.328	ng	-0.01
79) Terphenyl-d14	12.945	244	794337	61.254	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	1283	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	62226	15.048	ng	# 77
25) Isophorone	7.398	82	440911	41.375	ng	# 65
50) Dimethylphthalate	9.869	163	34266	2.748	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	25585	11.196	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	25585	9.358	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	440	5.729	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	13678	3.564	ng	# 1
77) Benzidine	12.945	184	12297	2.128	ng	# 92

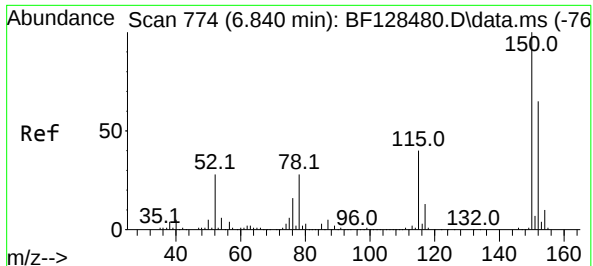
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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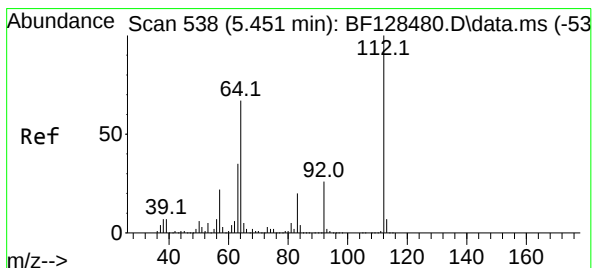
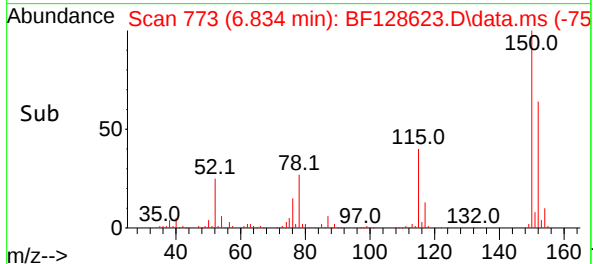
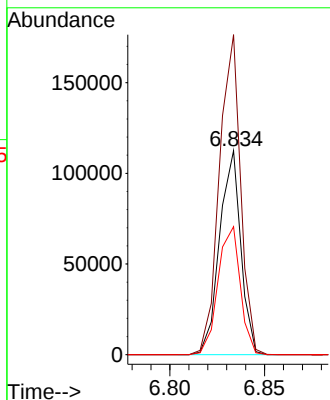
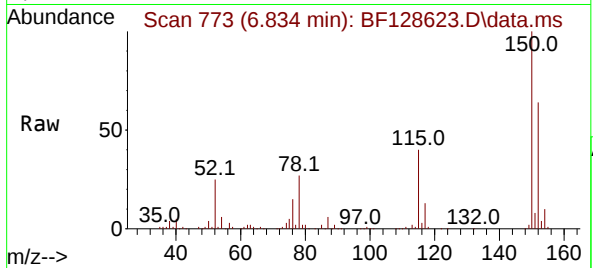




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

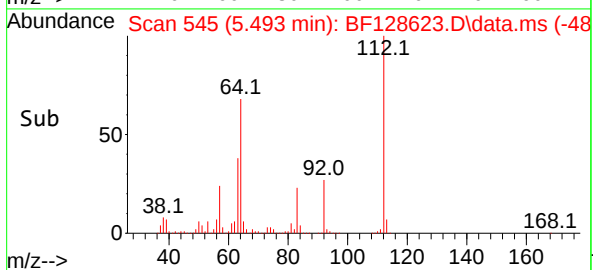
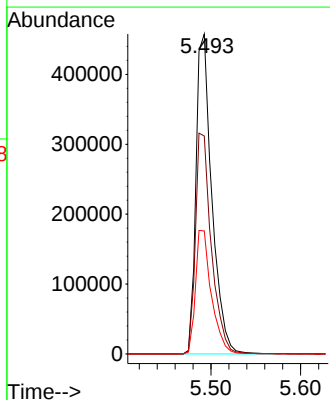
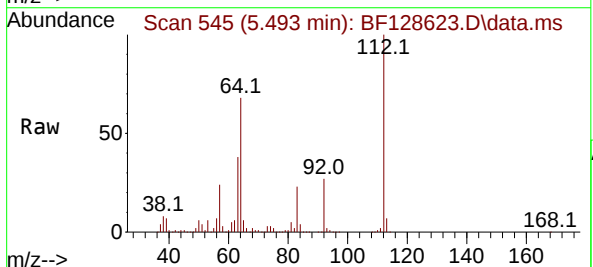
Instrument :
BNA_F
ClientSampleId :
20220420-COMPOSITE-I

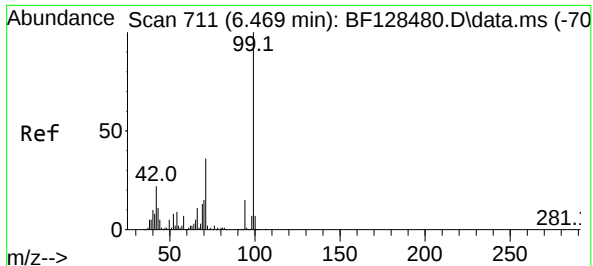
Tgt Ion:152 Resp: 87614
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 62.8 49.9 74.9



#5
2-Fluorophenol
Concen: 106.301 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.041 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

Tgt Ion:112 Resp: 562271
Ion Ratio Lower Upper
112 100
64 68.1 53.3 79.9
63 38.4 28.0 42.0

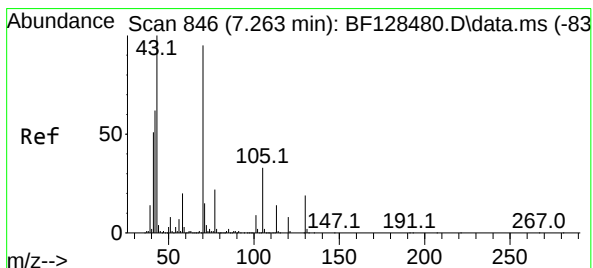
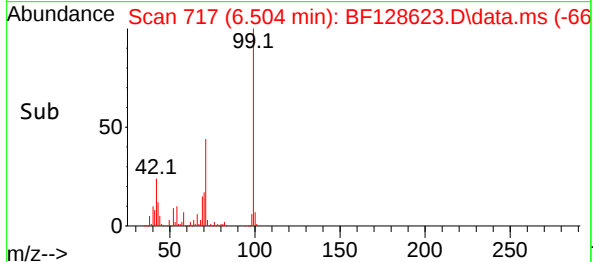
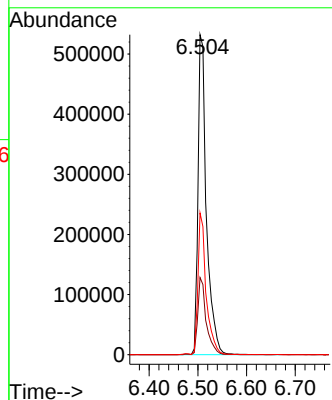
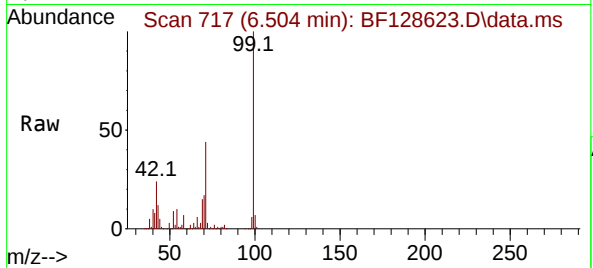




#7
Phenol-d6
Concen: 95.787 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.035 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

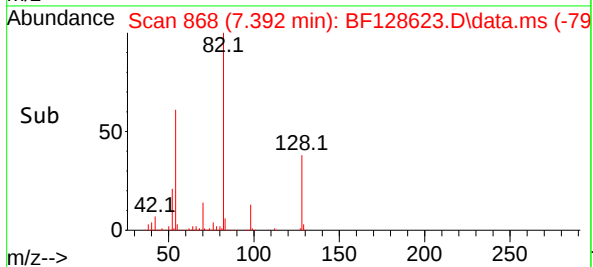
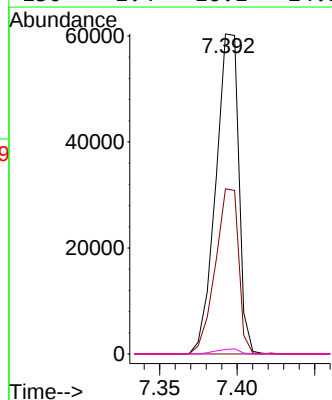
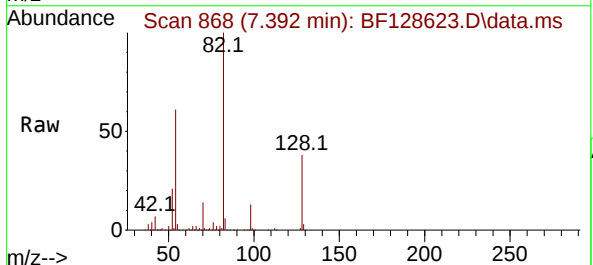
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ClientSampleId :
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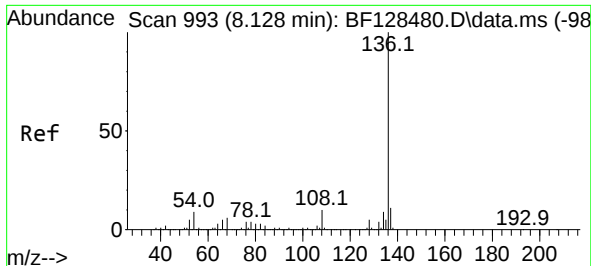
Tgt Ion: 99 Resp: 646001
Ion Ratio Lower Upper
99 100
42 24.1 17.3 25.9
71 44.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.048 ng
RT: 7.392 min Scan# 868
Delta R.T. 0.129 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

Tgt Ion: 70 Resp: 62226
Ion Ratio Lower Upper
70 100
42 51.6 52.3 78.5#
101 0.0 7.5 11.3#
130 1.4 16.1 24.1#

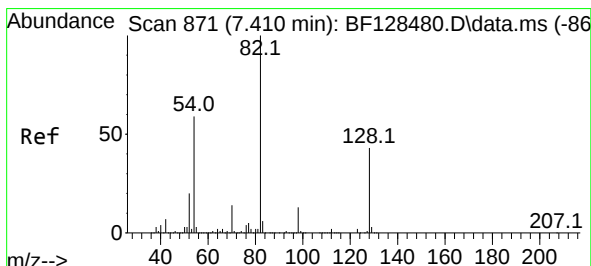
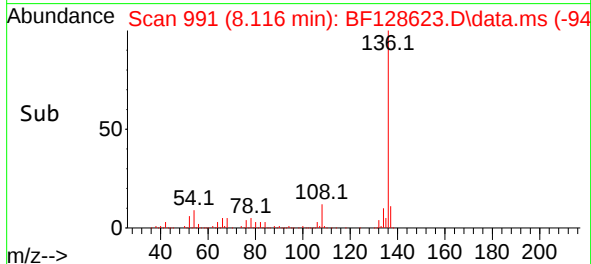
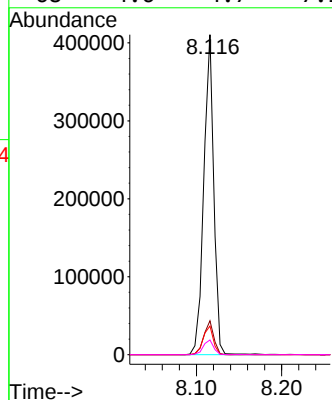
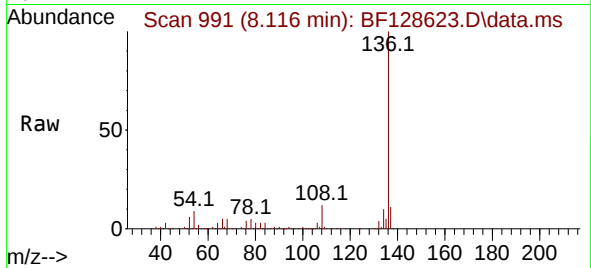




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

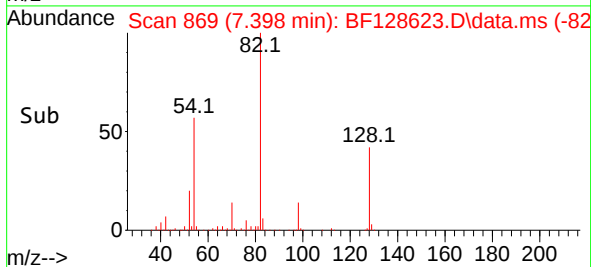
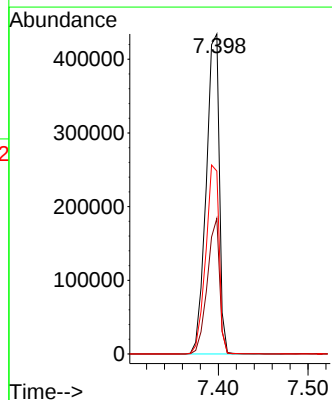
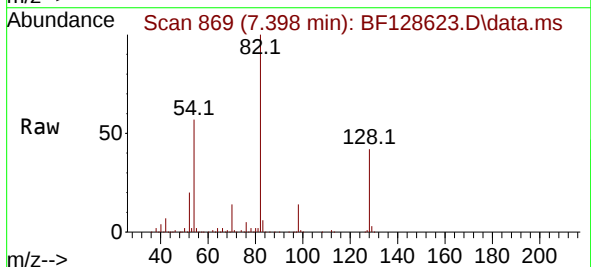
Instrument :
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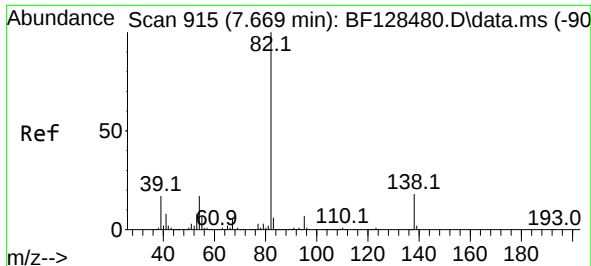
Tgt Ion:136 Resp: 333242
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.0 7.5 11.3
68 4.6 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 76.395 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

Tgt Ion: 82 Resp: 441307
Ion Ratio Lower Upper
82 100
128 42.3 34.0 51.0
54 57.2 46.9 70.3

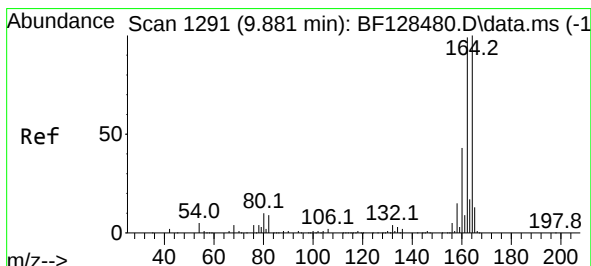
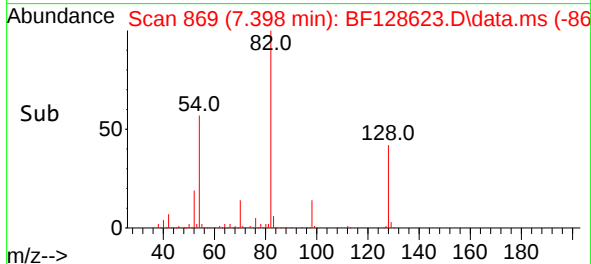
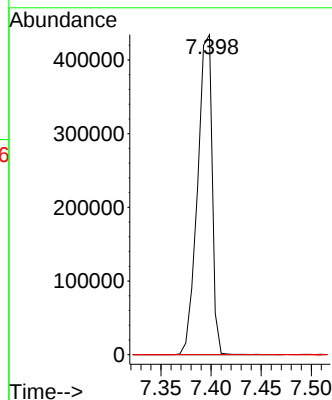
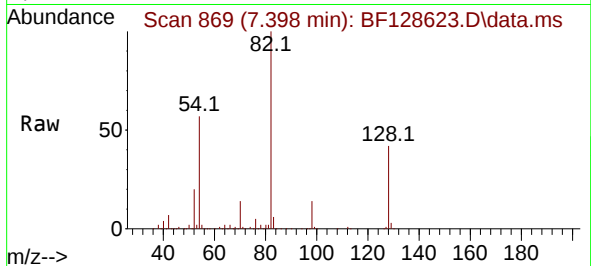




#25
Isophorone
Concen: 41.375 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

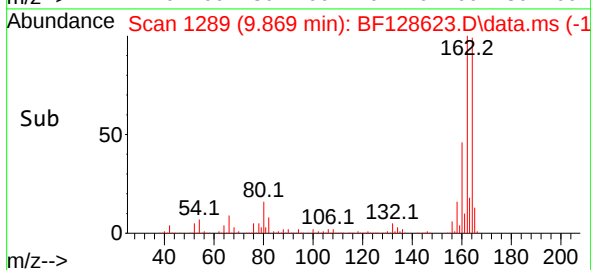
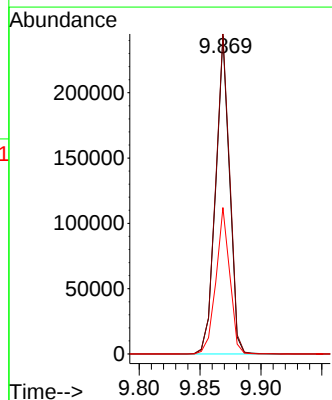
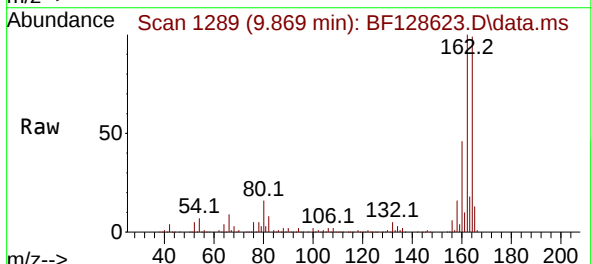
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ClientSampleId :
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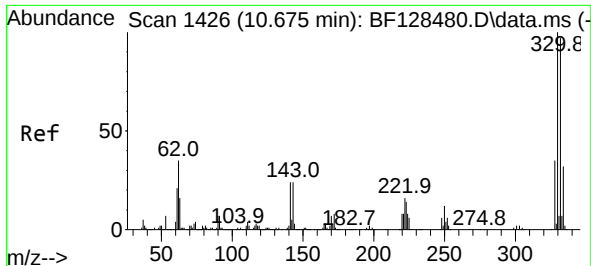
Tgt Ion: 82 Resp: 440911
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

Tgt Ion:164 Resp: 192229
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 46.1 34.2 51.4

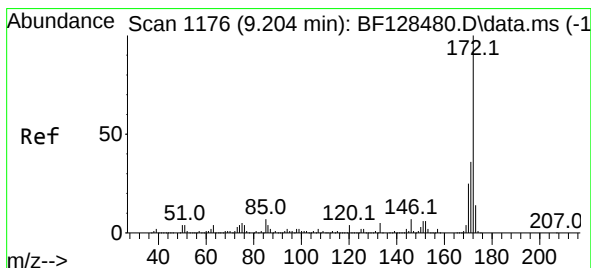
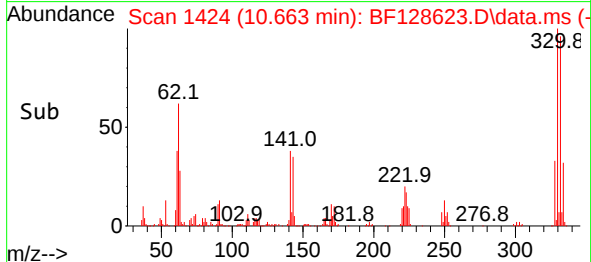
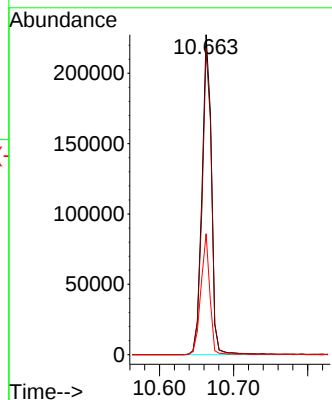
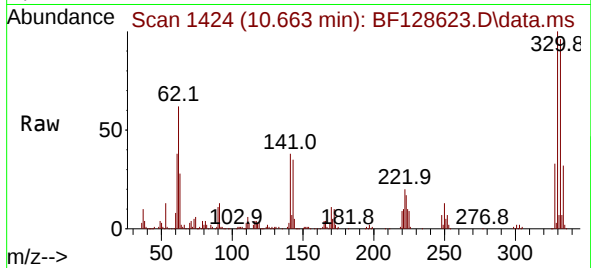




#42
2,4,6-Tribromophenol
Concen: 110.523 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

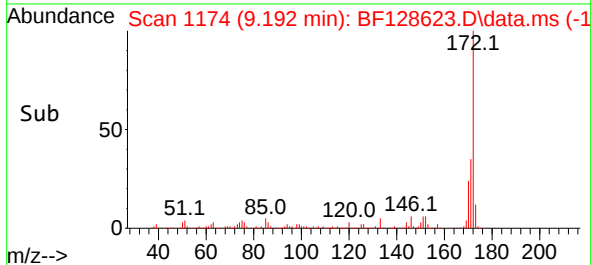
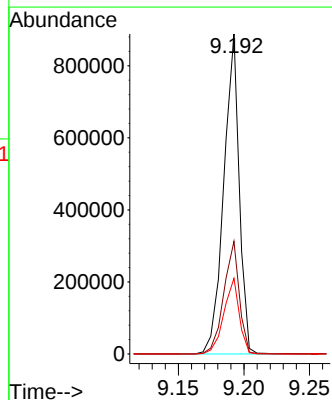
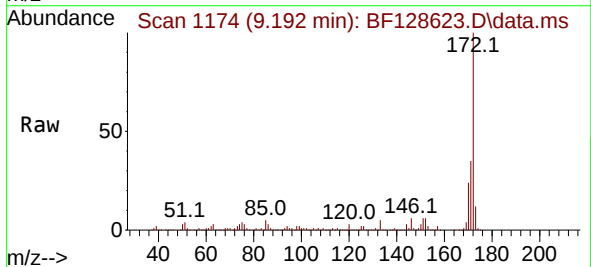
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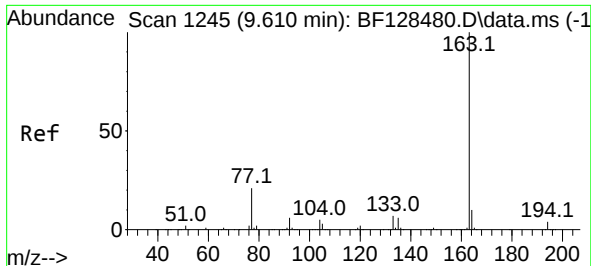
Tgt Ion:330 Resp: 202224
Ion Ratio Lower Upper
330 100
332 95.3 76.8 115.2
141 35.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 61.328 ng
RT: 9.192 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

Tgt Ion:172 Resp: 725638
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.7 19.8 29.8

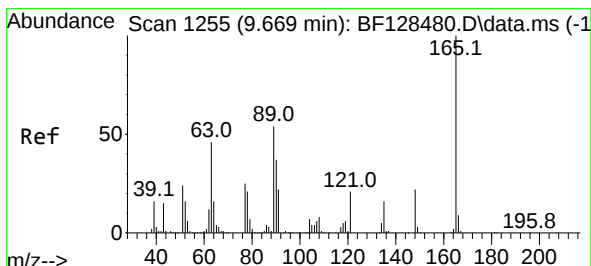
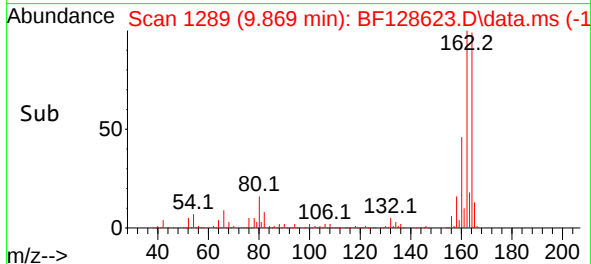
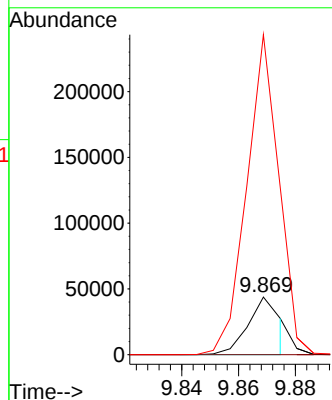
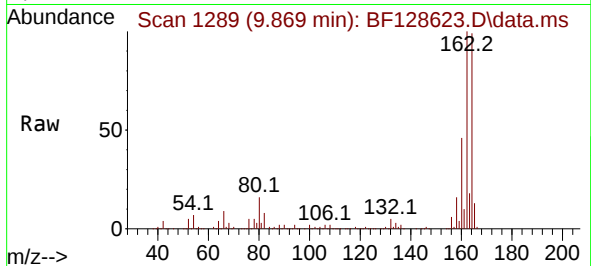




#50
Dimethylphthalate
Concen: 2.748 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.259 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

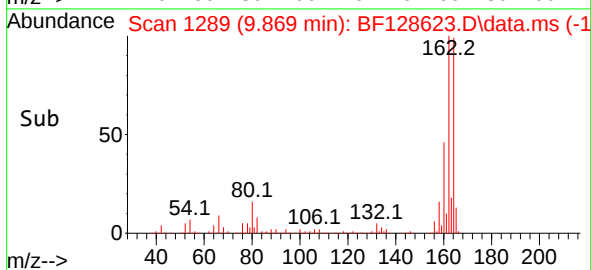
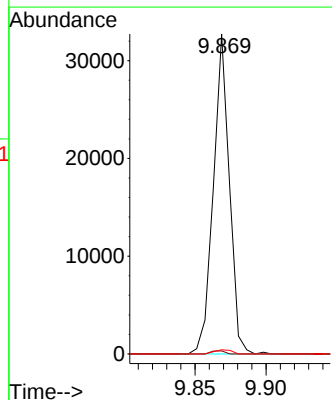
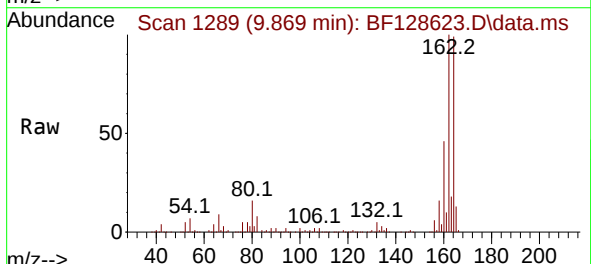
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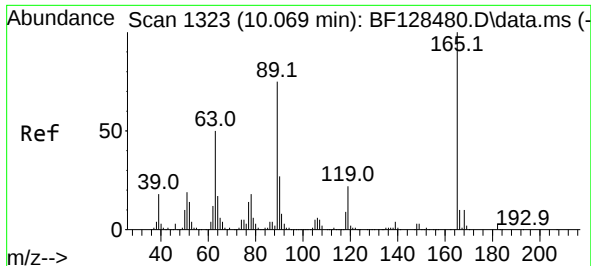
Tgt Ion:163 Resp: 34266
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 556.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 11.196 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

Tgt Ion:165 Resp: 25585
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.3 43.6 65.4#

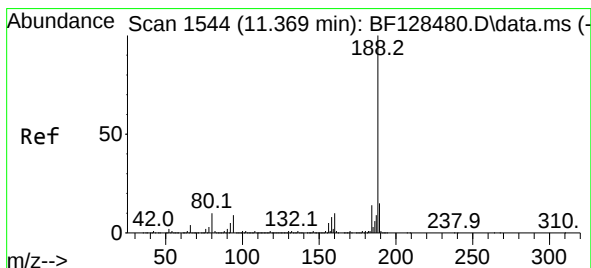
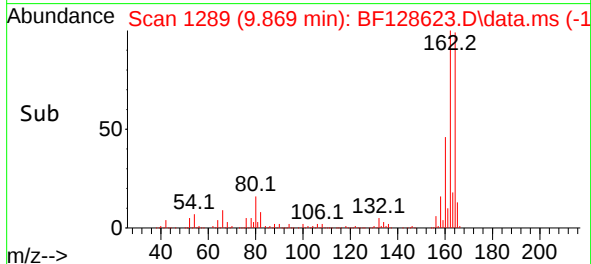
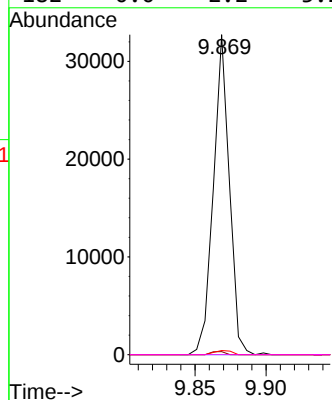
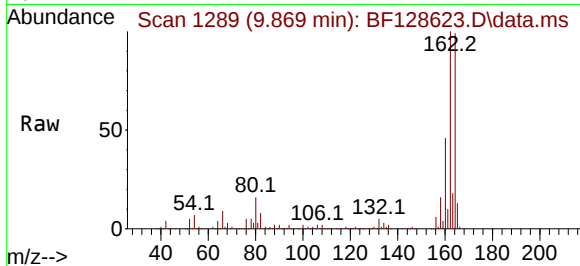




#57
2,4-Dinitrotoluene
Concen: 9.358 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

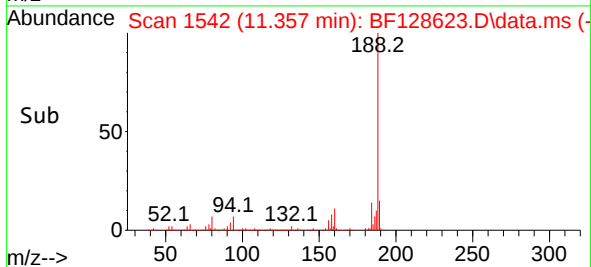
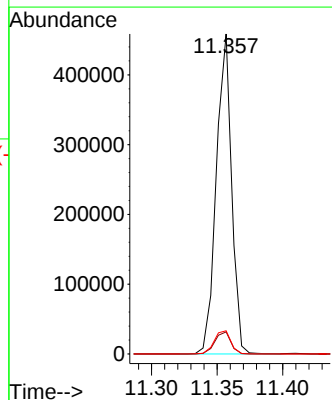
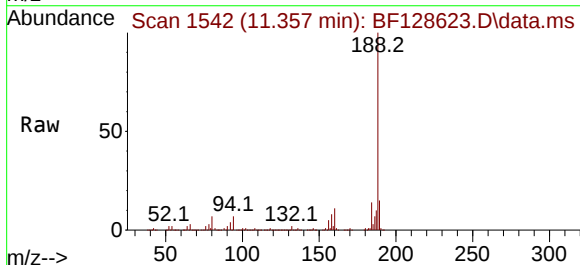
Instrument :
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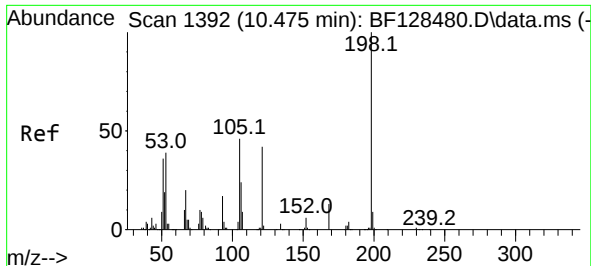
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.8	59.6#
89	1.3	60.2	90.2#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.0	10.6#
80	7.2	7.6	11.4#





#65

4,6-Dinitro-2-methylphenol

Concen: 5.729 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128623.D

Acq: 01 Jun 2022 14:20

Instrument :

BNA_F

ClientSampleId :

20220420-COMPOSITE-I

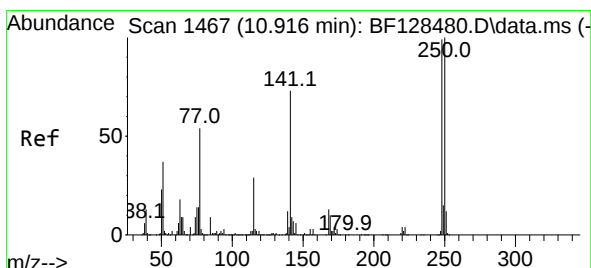
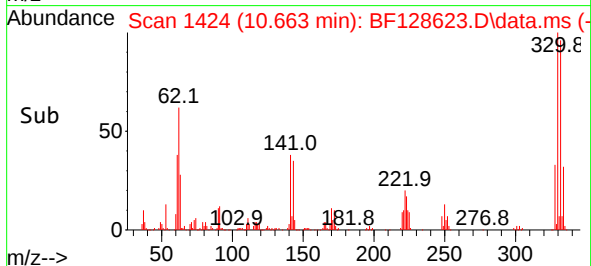
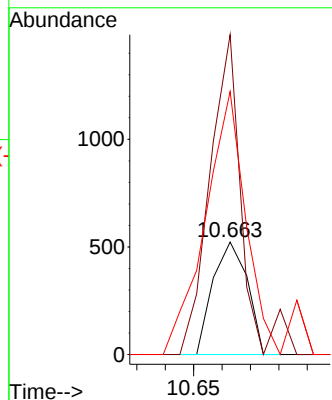
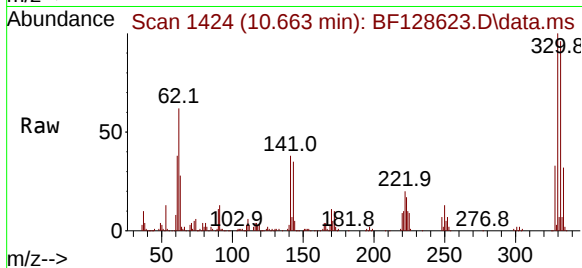
Tgt Ion:198 Resp: 440

Ion Ratio Lower Upper

198 100

51 284.1 37.6 77.6#

105 233.7 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 3.564 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128623.D

Acq: 01 Jun 2022 14:20

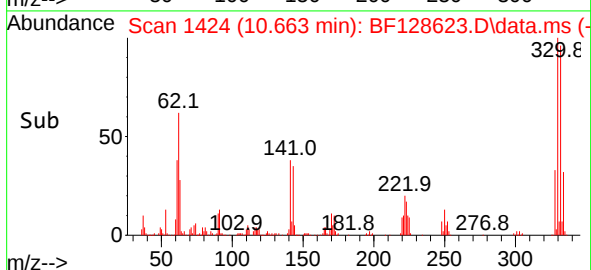
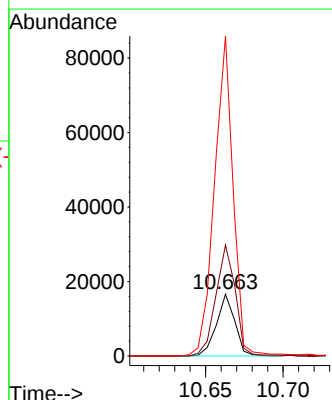
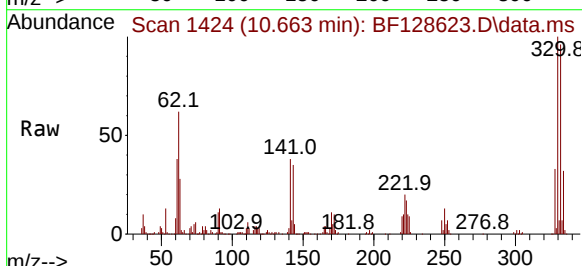
Tgt Ion:248 Resp: 13678

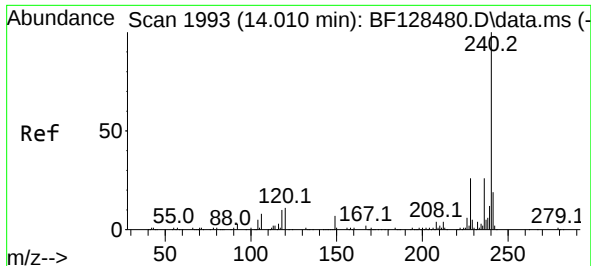
Ion Ratio Lower Upper

248 100

250 179.5 80.6 120.8#

141 518.0 58.9 88.3#

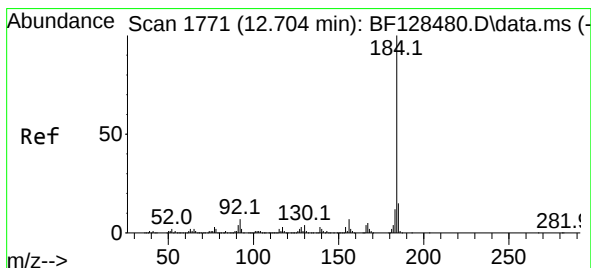
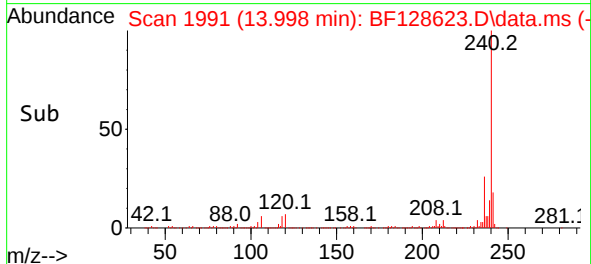
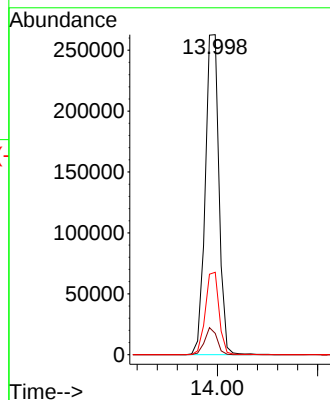
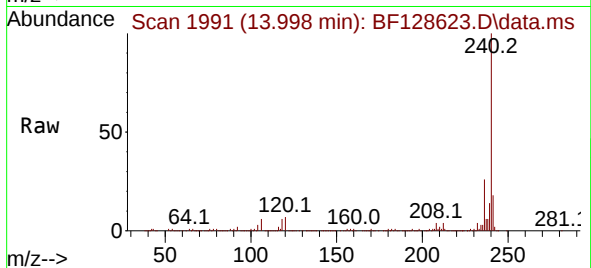




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

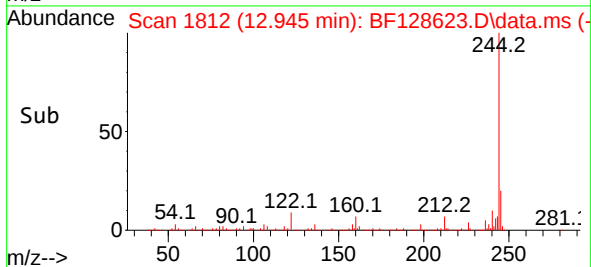
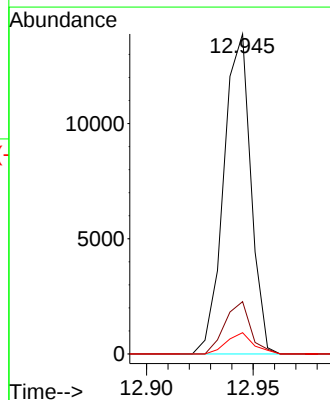
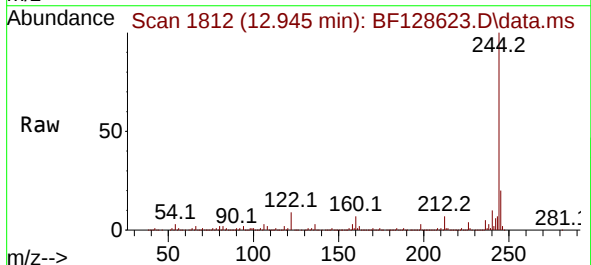
Instrument :
BNA_F
ClientSampleId :
20220420-COMPOSITE-I

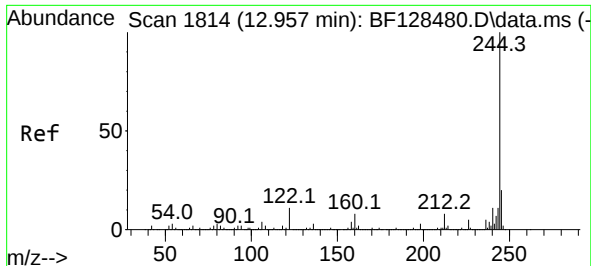
Tgt Ion:240 Resp: 250534
Ion Ratio Lower Upper
240 100
120 6.6 8.9 13.3#
236 25.7 20.8 31.2



#77
Benzidine
Concen: 2.128 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.241 min
Lab File: BF128623.D
Acq: 01 Jun 2022 14:20

Tgt Ion:184 Resp: 12297
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 6.6 9.3 13.9#

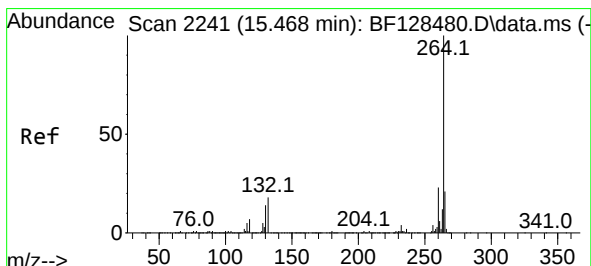
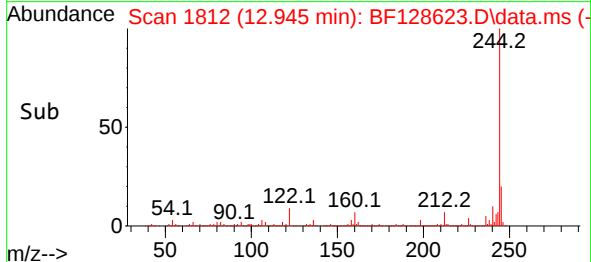
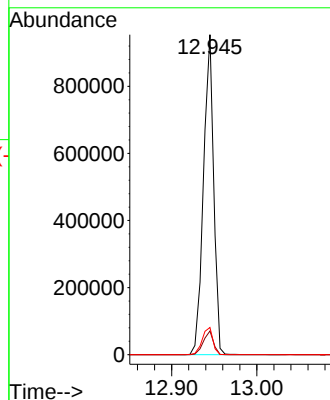
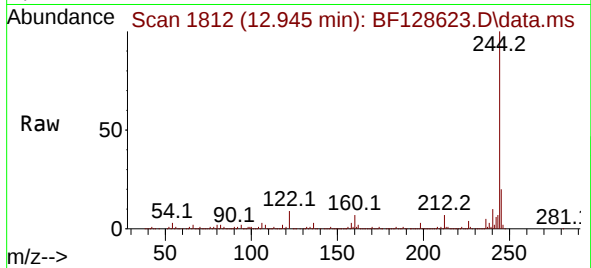




#79
 Terphenyl-d14
 Concen: 61.254 ng
 RT: 12.945 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF128623.D
 Acq: 01 Jun 2022 14:20

Instrument :
 BNA_F
 ClientSampleId :
 20220420-COMPOSITE-I

Tgt Ion:244 Resp: 794337
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 8.5 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: BF128623.D
 Acq: 01 Jun 2022 14:20

Tgt Ion:264 Resp: 175608
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 20.7 17.2 25.8

