

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128524.D
 Acq On : 27 May 2022 22:29
 Operator : CG\JU
 Sample : N2927-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS003-0006-01

Quant Time: May 27 23:20:07 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)

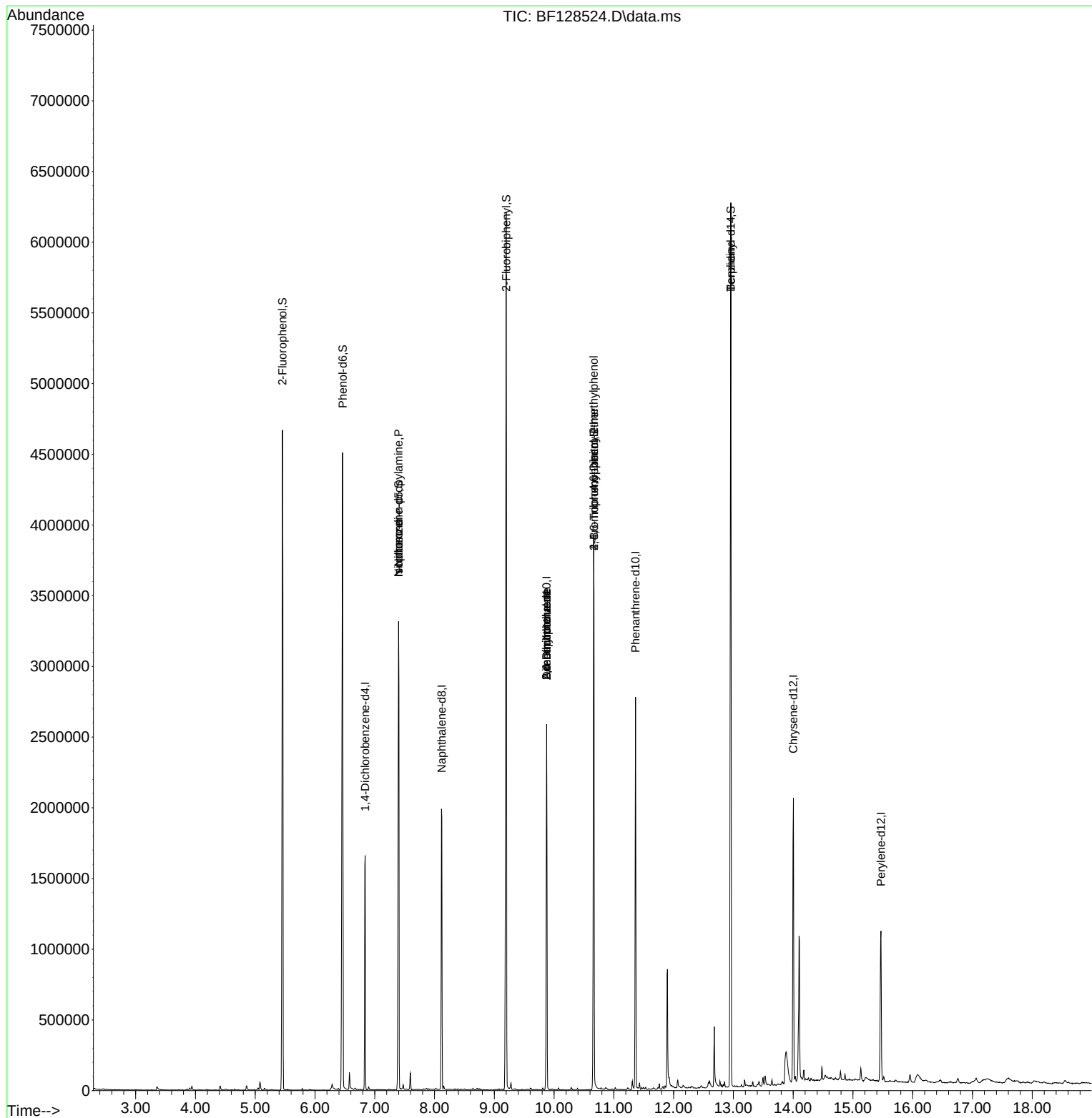
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	242154	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	929215	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	523676	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	964212	20.000	ng	0.00
76) Chrysene-d12	14.004	240	678148	20.000	ng	0.00
86) Perylene-d12	15.468	264	497683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1376013	94.123	ng	0.00
7) Phenol-d6	6.463	99	1748449	93.801	ng	0.00
23) Nitrobenzene-d5	7.398	82	1194618	74.165	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	513449	103.009	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2167941	67.258	ng	0.00
79) Terphenyl-d14	12.957	244	2308498	65.766	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.386	77	506	Below Cal		90
19) n-Nitroso-di-n-propyla...	7.398	70	165371	14.470 ng	#	78
25) Isophorone	7.398	82	1187370	39.960 ng	#	65
50) Dimethylphthalate	9.874	163	92212	2.715 ng	#	1
51) 2,6-Dinitrotoluene	9.874	165	67978	10.919 ng	#	25
57) 2,4-Dinitrotoluene	9.874	165	67978	9.127 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.663	198	1250	5.750 ng	#	1
67) 4-Bromophenyl-phenylether	10.669	248	34195	3.433 ng	#	1
77) Benzidine	12.957	184	33065	2.114 ng	#	92

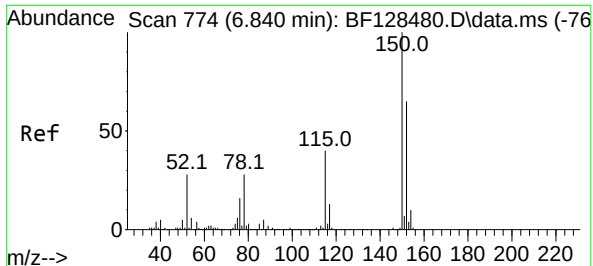
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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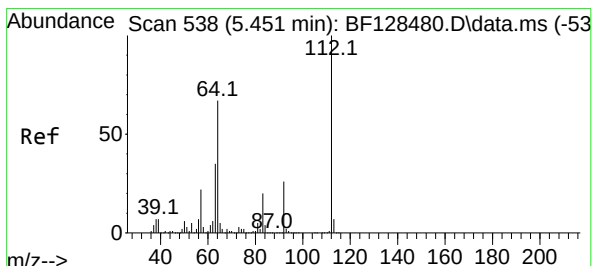
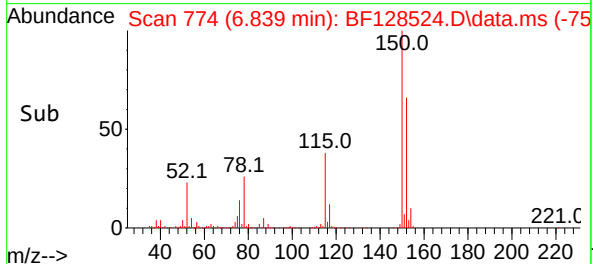
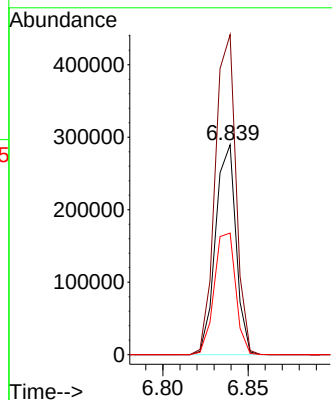
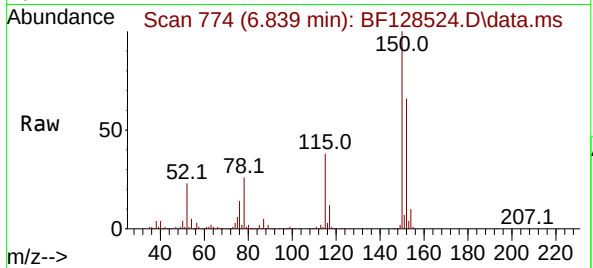




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

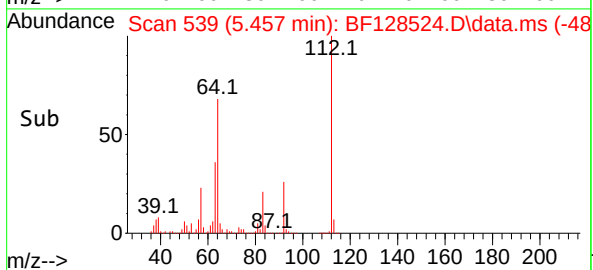
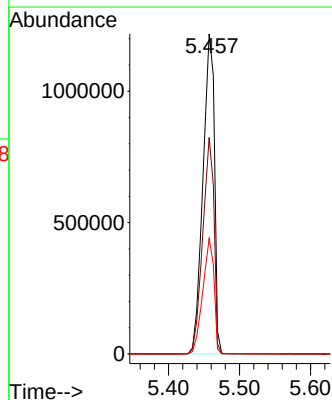
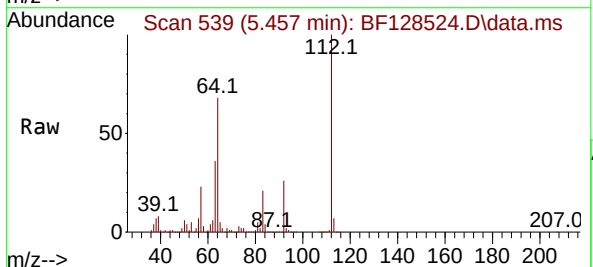
Instrument :
BNA_F
ClientSampleId :
P010-SS003-0006-01

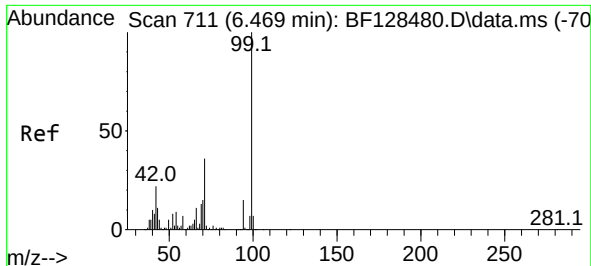
Tgt Ion:152 Resp: 242154
Ion Ratio Lower Upper
152 100
150 152.5 123.7 185.5
115 58.0 49.9 74.9



#5
2-Fluorophenol
Concen: 94.123 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

Tgt Ion:112 Resp: 1376013
Ion Ratio Lower Upper
112 100
64 67.6 53.3 79.9
63 36.1 28.0 42.0

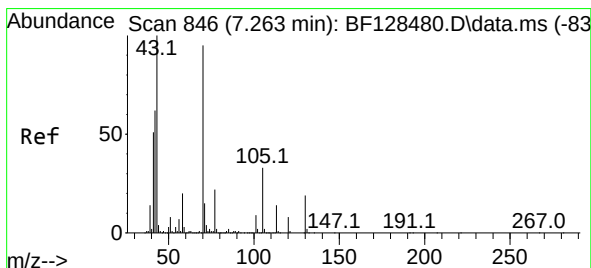
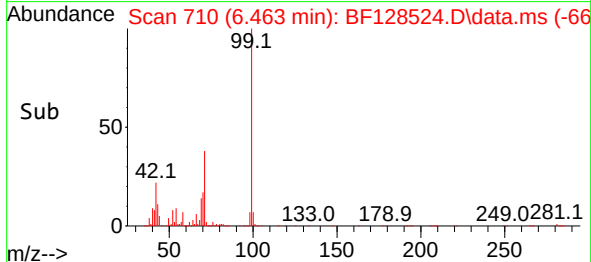
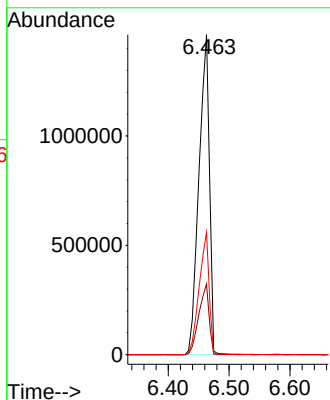
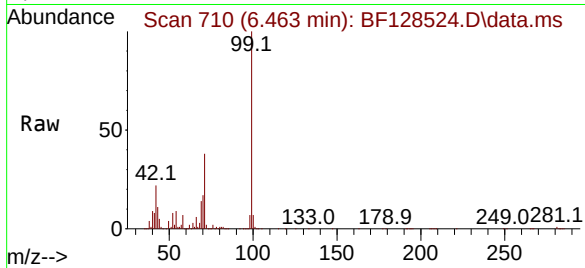




#7
Phenol-d6
Concen: 93.801 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

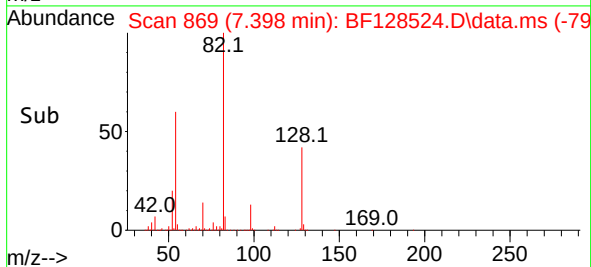
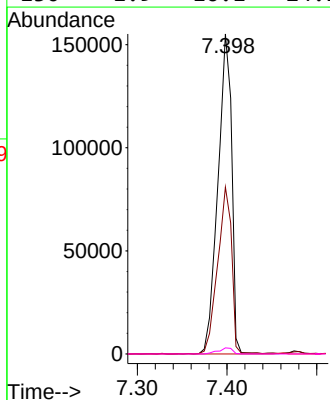
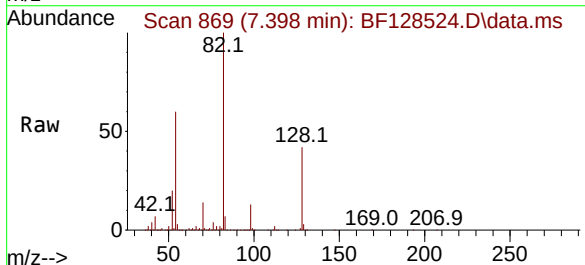
Instrument :
BNA_F
ClientSampleId :
P010-SS003-0006-01

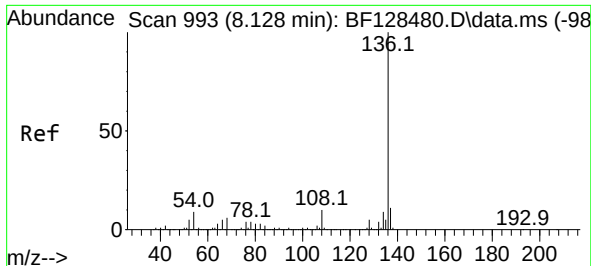
Tgt Ion: 99 Resp: 1748449
Ion Ratio Lower Upper
99 100
42 22.0 17.3 25.9
71 38.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.470 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

Tgt Ion: 70 Resp: 165371
Ion Ratio Lower Upper
70 100
42 52.2 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128524.D

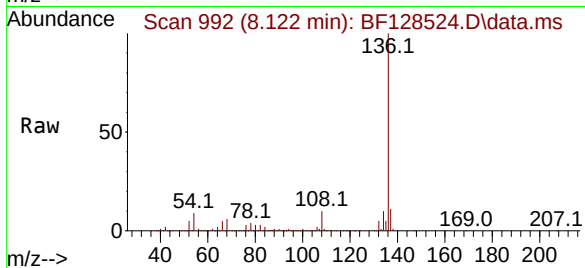
Acq: 27 May 2022 22:29

Instrument :

BNA_F

ClientSampleId :

P010-SS003-0006-01



Tgt Ion:136 Resp: 929215

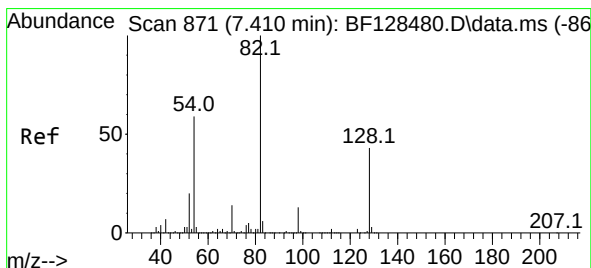
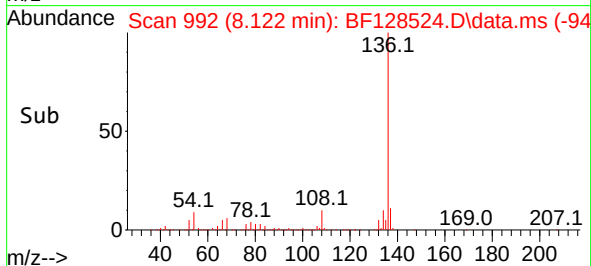
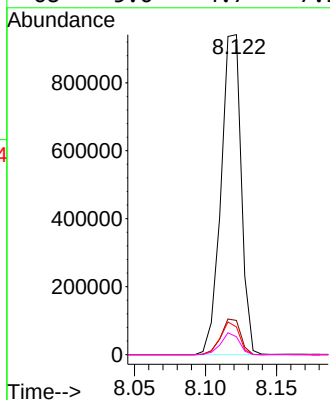
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.7 7.5 11.3

68 5.6 4.7 7.1



#23

Nitrobenzene-d5

Concen: 74.165 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128524.D

Acq: 27 May 2022 22:29

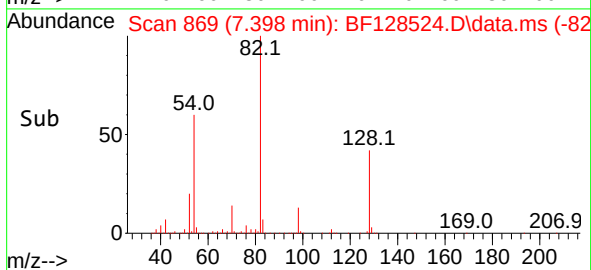
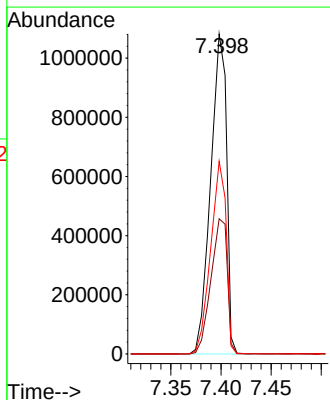
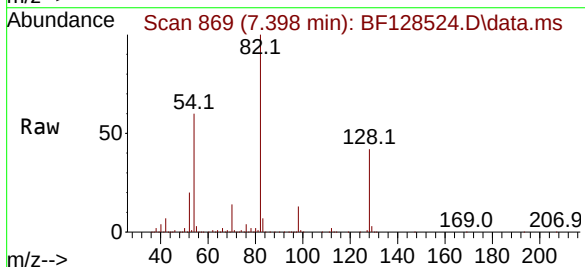
Tgt Ion: 82 Resp: 1194618

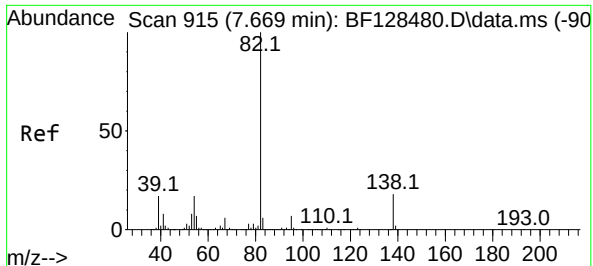
Ion Ratio Lower Upper

82 100

128 42.2 34.0 51.0

54 60.2 46.9 70.3

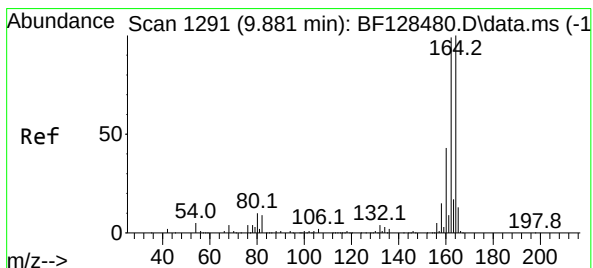
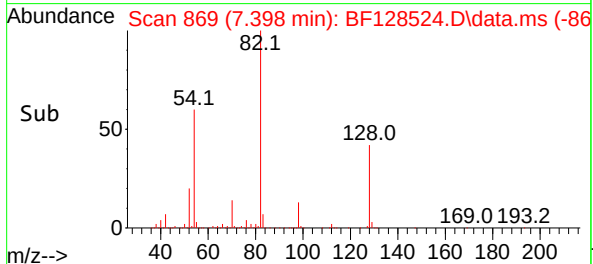
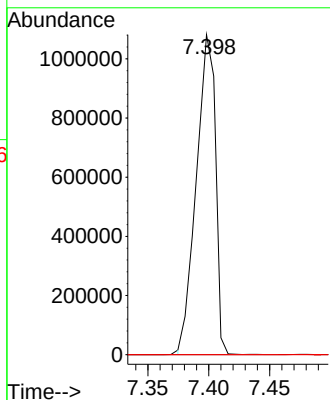
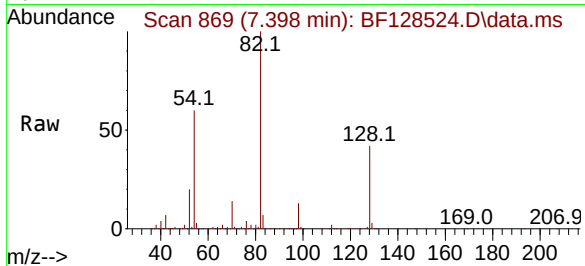




#25
Isophorone
Concen: 39.960 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

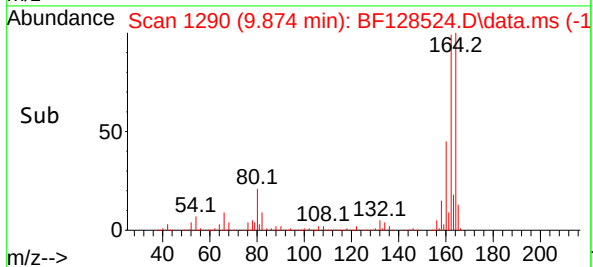
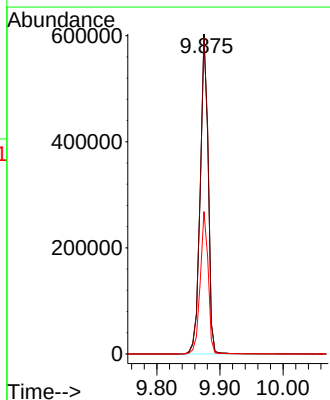
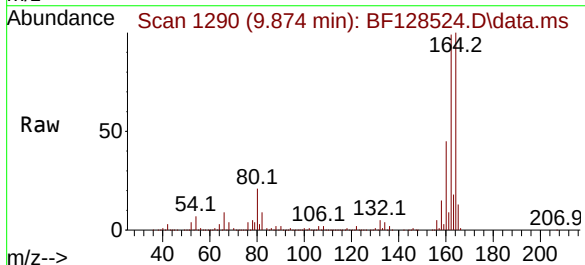
Instrument :
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ClientSampleId :
P010-SS003-0006-01

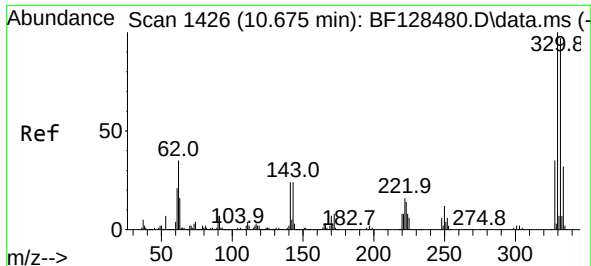
Tgt Ion: 82 Resp: 1187370
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1290
Delta R.T. -0.007 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

Tgt Ion:164 Resp: 523676
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 103.009 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128524.D

Acq: 27 May 2022 22:29

Instrument :

BNA_F

ClientSampleId :

P010-SS003-0006-01

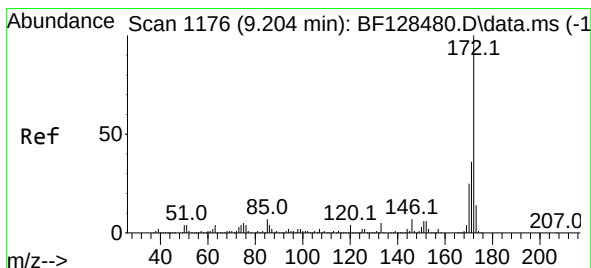
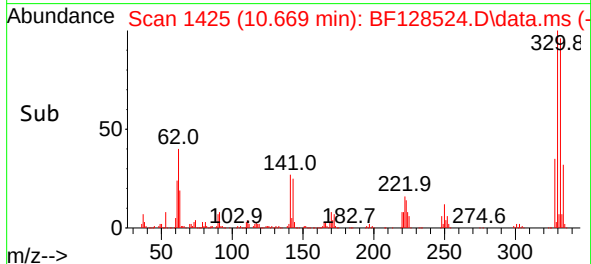
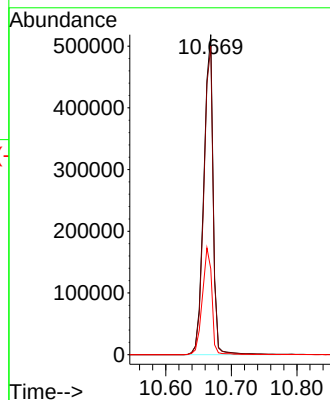
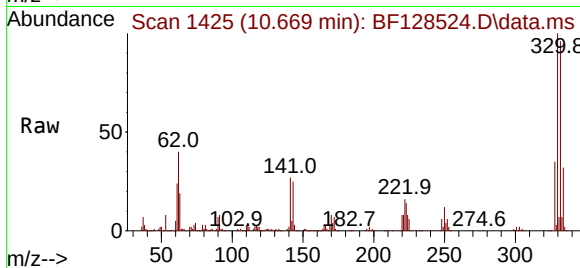
Tgt Ion:330 Resp: 513449

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

141 34.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.258 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128524.D

Acq: 27 May 2022 22:29

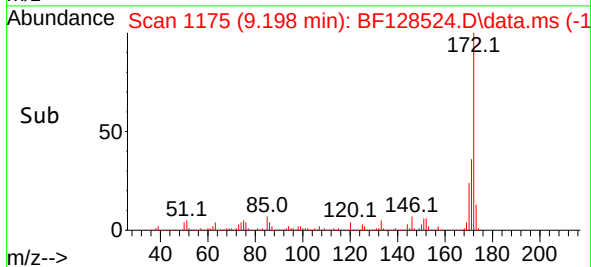
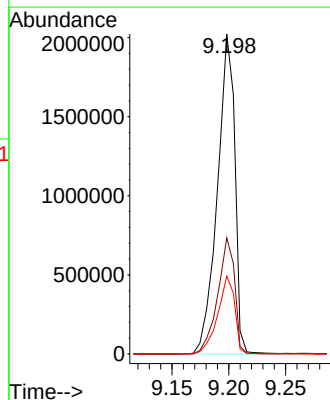
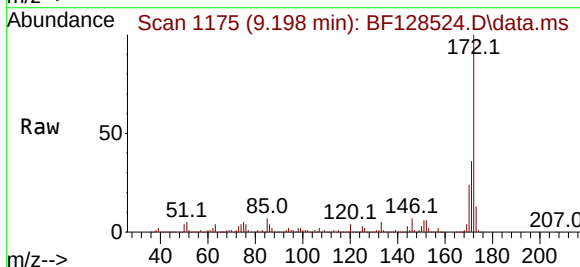
Tgt Ion:172 Resp: 2167941

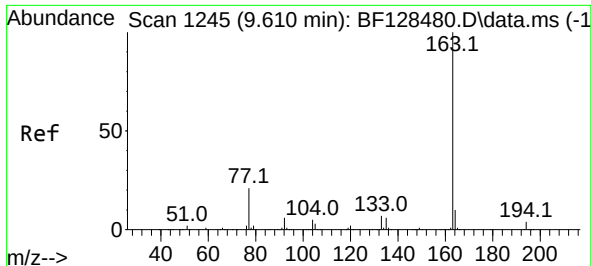
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.3 19.8 29.8

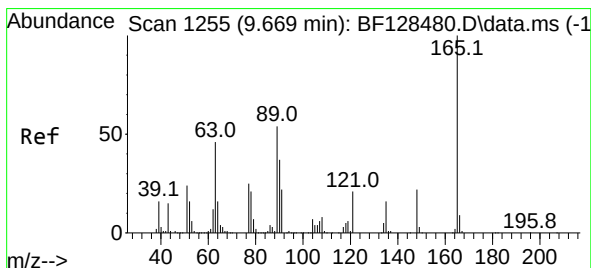
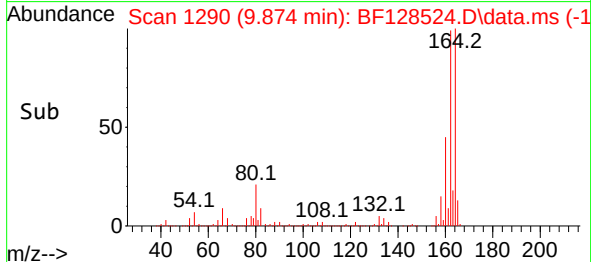
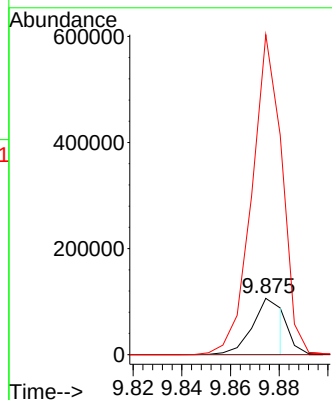
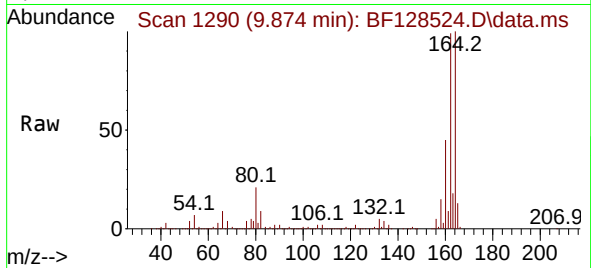




#50
Dimethylphthalate
Concen: 2.715 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.264 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

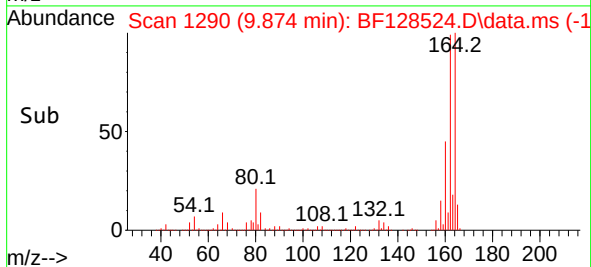
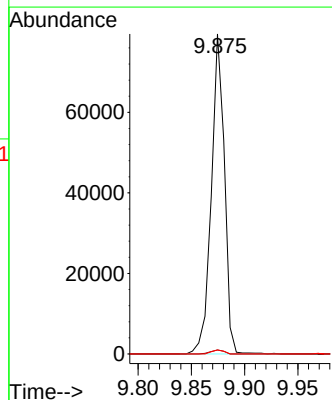
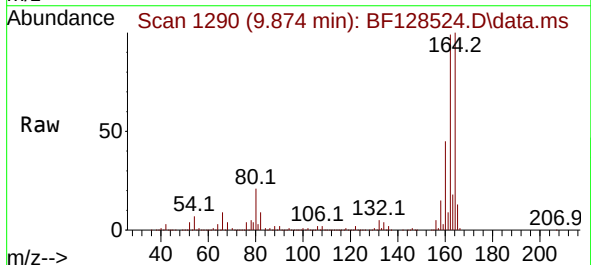
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P010-SS003-0006-01

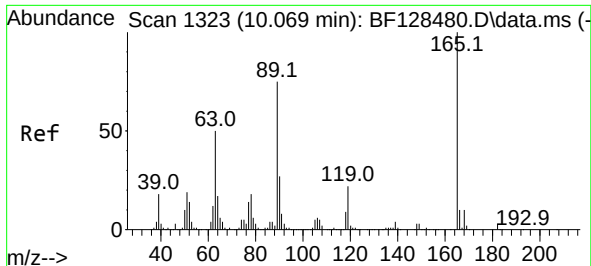
Tgt Ion:163 Resp: 92212
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 567.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.919 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

Tgt Ion:165 Resp: 67978
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.3 43.6 65.4#

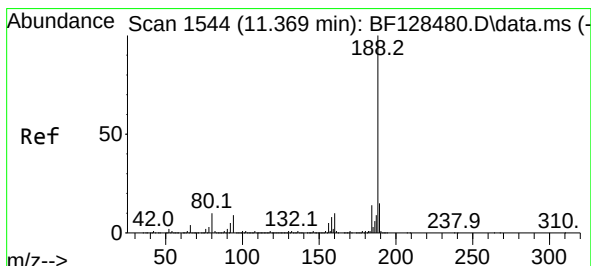
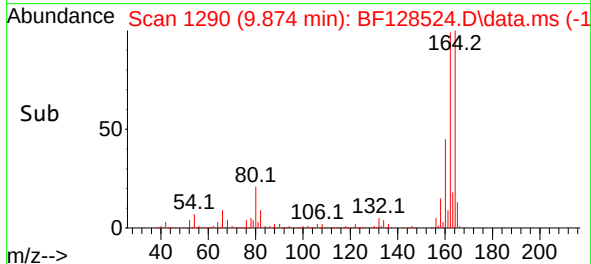
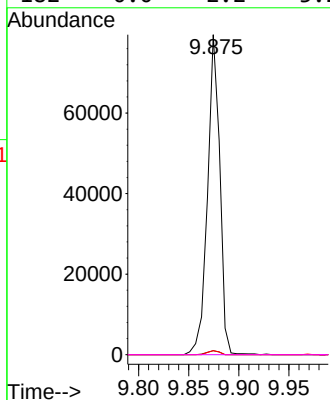
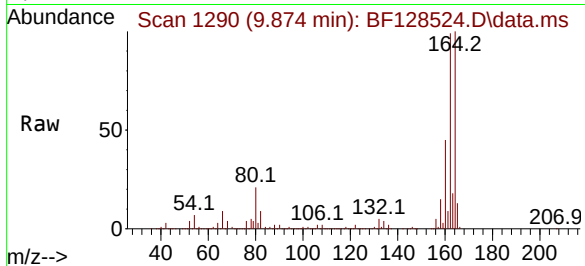




#57
2,4-Dinitrotoluene
Concen: 9.127 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

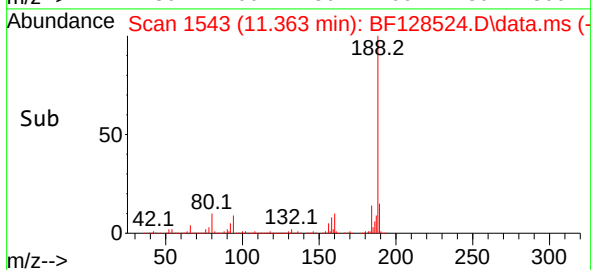
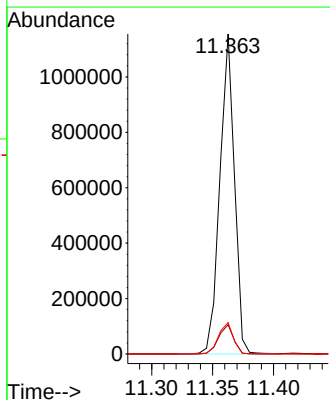
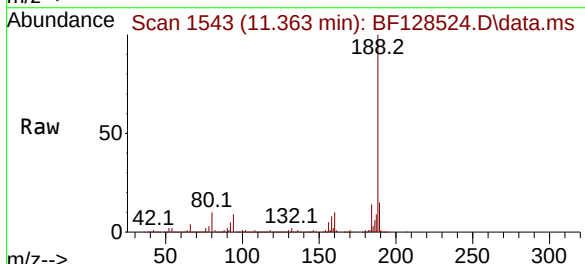
Instrument :
BNA_F
ClientSampleId :
P010-SS003-0006-01

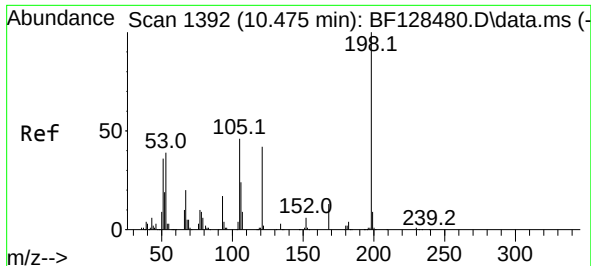
Tgt Ion:165 Resp: 67978
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

Tgt Ion:188 Resp: 964212
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.8 7.6 11.4

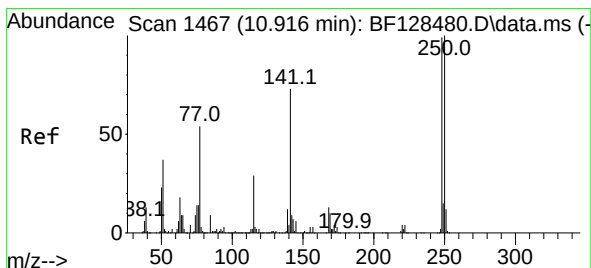
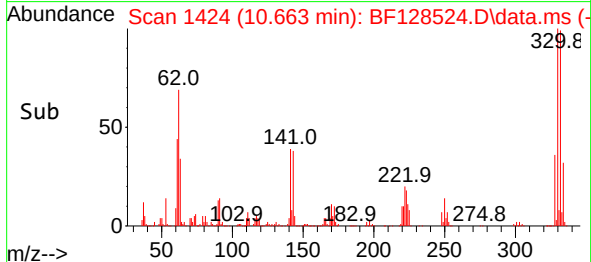
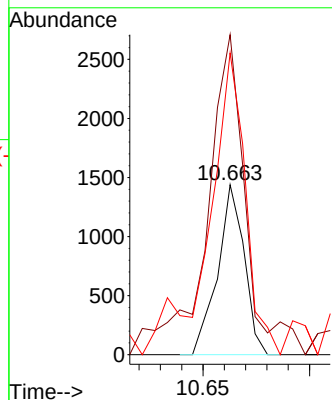
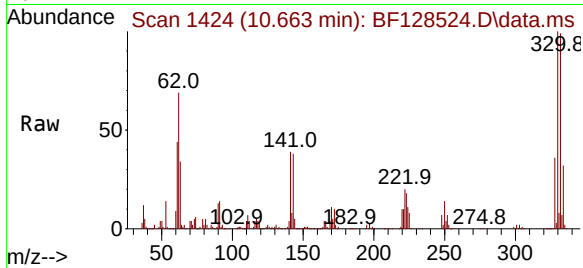




#65
4,6-Dinitro-2-methylphenol
Concen: 5.750 ng
RT: 10.663 min Scan# 141
Delta R.T. 0.188 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

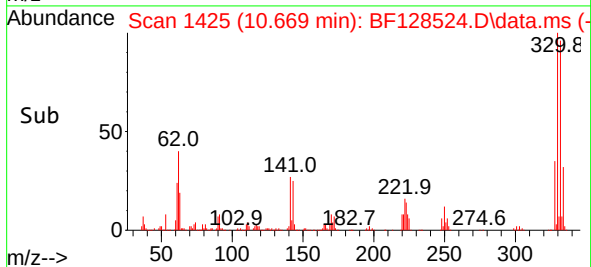
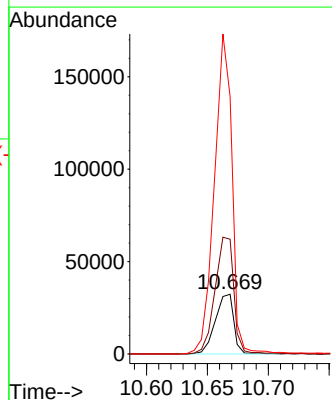
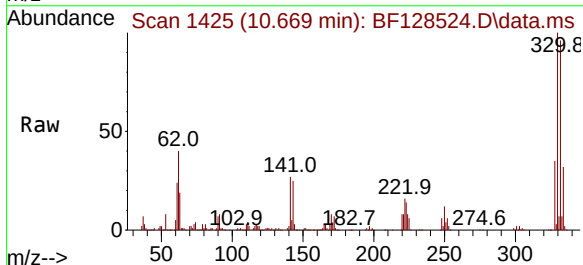
Instrument :
BNA_F
ClientSampleId :
P010-SS003-0006-01

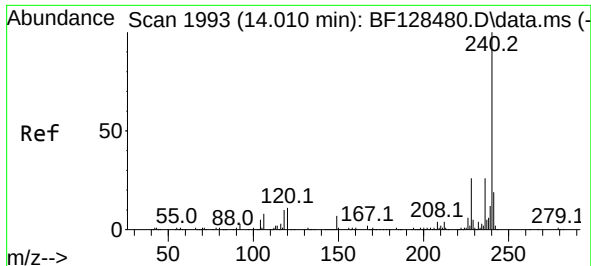
Tgt Ion:198 Resp: 1250
Ion Ratio Lower Upper
198 100
51 188.4 37.6 77.6#
105 177.6 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.433 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

Tgt Ion:248 Resp: 34195
Ion Ratio Lower Upper
248 100
250 192.0 80.6 120.8#
141 430.4 58.9 88.3#

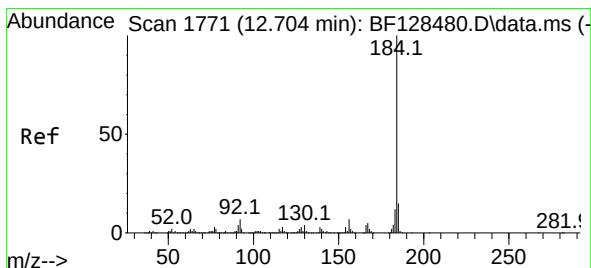
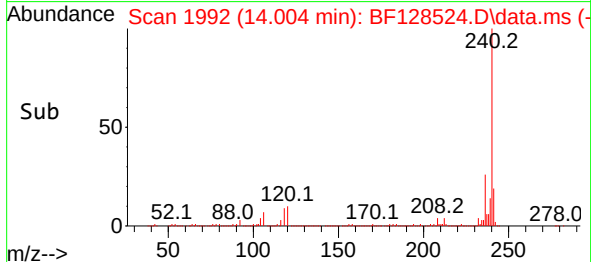
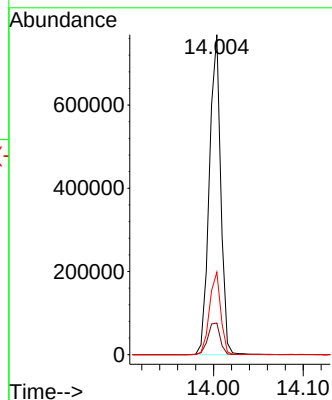
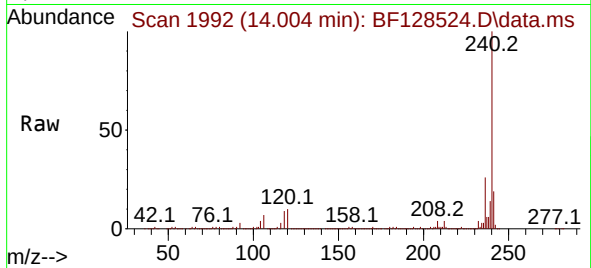




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

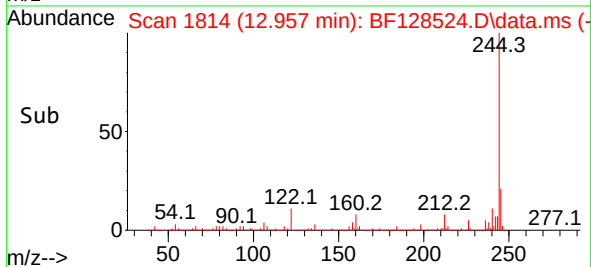
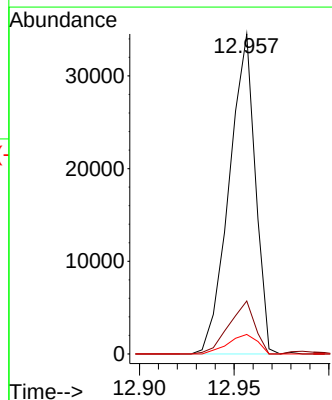
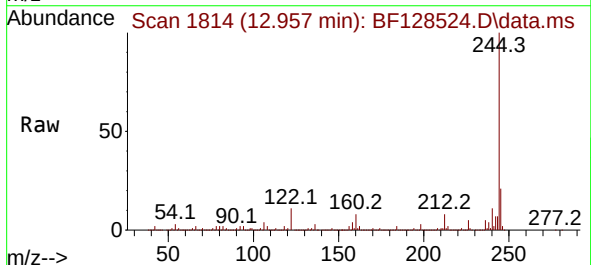
Instrument :
BNA_F
ClientSampleId :
P010-SS003-0006-01

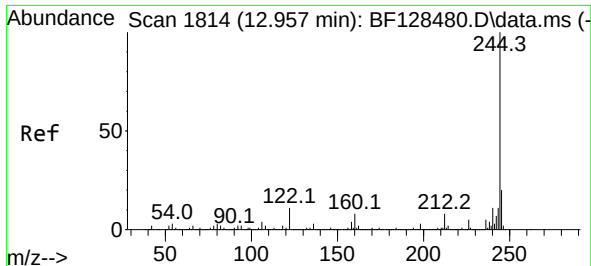
Tgt Ion:240 Resp: 678148
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 25.8 20.8 31.2



#77
Benzidine
Concen: 2.114 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128524.D
Acq: 27 May 2022 22:29

Tgt Ion:184 Resp: 33065
Ion Ratio Lower Upper
184 100
185 16.5 11.9 17.9
183 6.1 9.3 13.9#

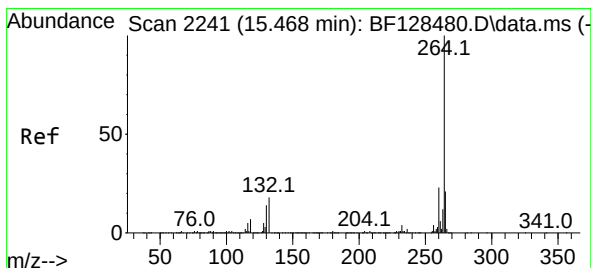
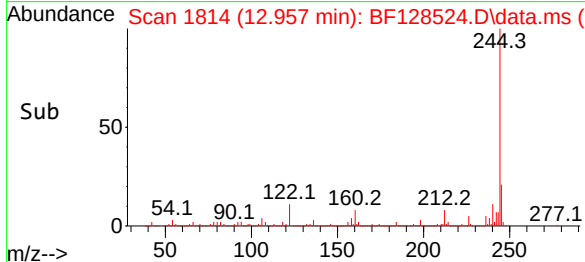
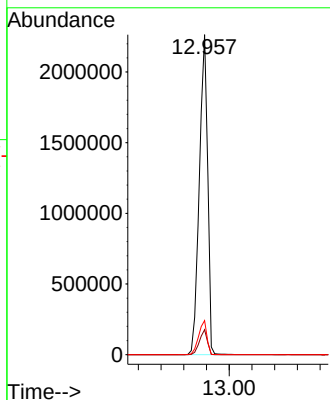
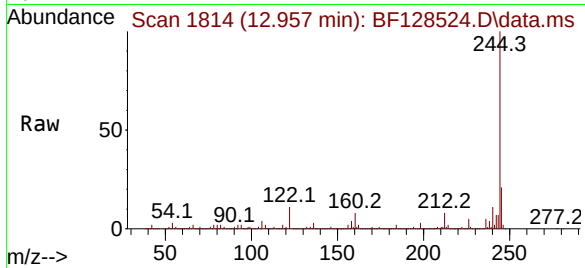




#79
 Terphenyl-d14
 Concen: 65.766 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128524.D
 Acq: 27 May 2022 22:29

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS003-0006-01

Tgt Ion:244 Resp: 2308498
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 10.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF128524.D
 Acq: 27 May 2022 22:29

Tgt Ion:264 Resp: 497683
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 22.0 17.2 25.8

