

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128579.D
 Acq On : 29 May 2022 19:01
 Operator : CG\JU
 Sample : N2951-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P035-SS001-0006-01

Quant Time: May 30 00:52:18 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)

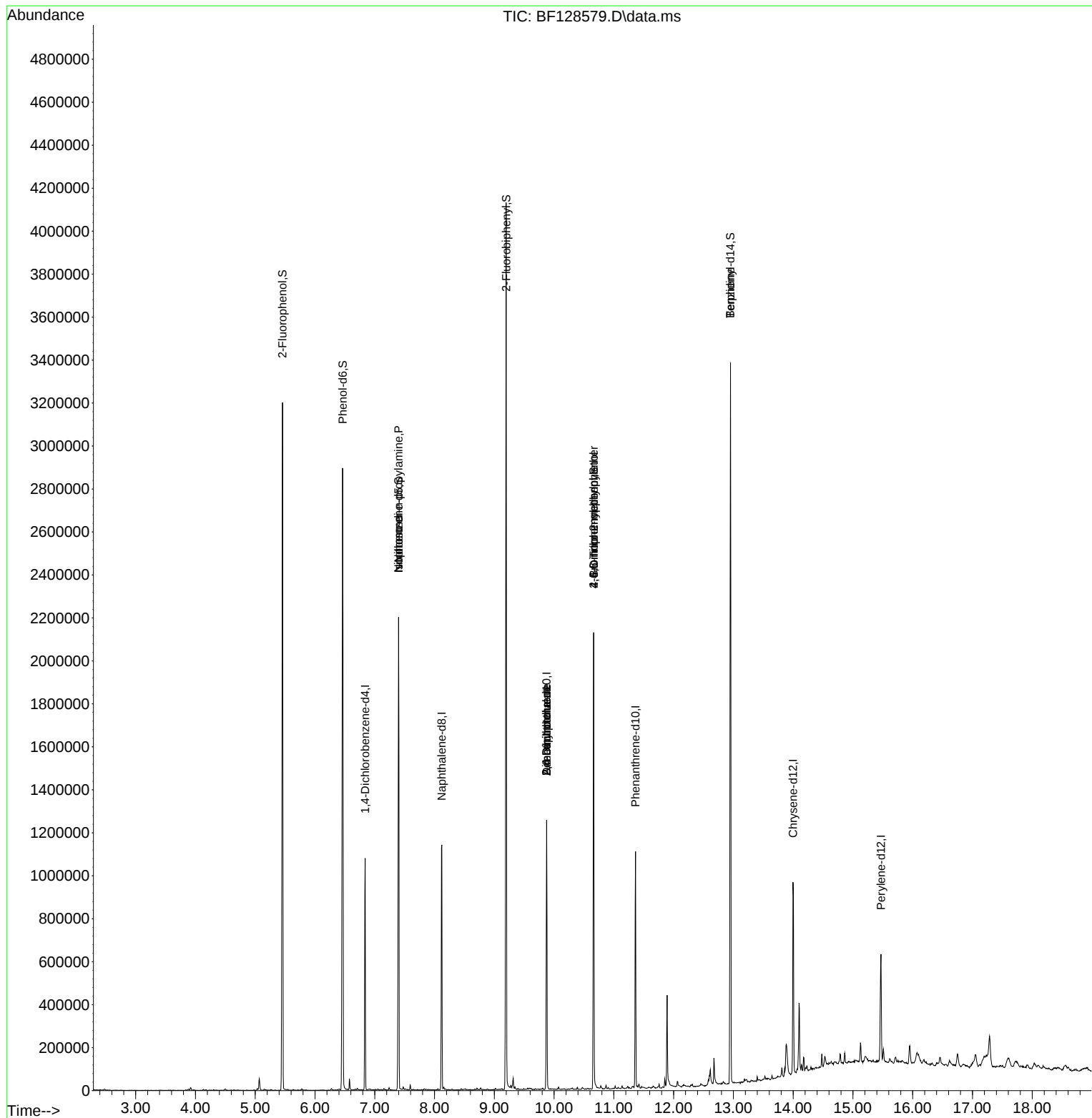
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	140746	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	507402	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	240245	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	388700	20.000	ng	0.00
76) Chrysene-d12	13.998	240	313786	20.000	ng	-0.01
86) Perylene-d12	15.468	264	232270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	800205	94.174	ng	0.00
7) Phenol-d6	6.463	99	1004208	92.690	ng	0.00
23) Nitrobenzene-d5	7.398	82	698195	79.380	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	225286	98.519	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1229824	83.166	ng	0.00
79) Terphenyl-d14	12.951	244	1132959	69.756	ng	0.00
Target Compounds						
9) Benzaldehyde	6.387	77	555	Below Cal	Qvalue #	64
19) n-Nitroso-di-n-propyla...	7.398	70	97855	14.731	ng #	78
25) Isophorone	7.398	82	693802	42.760	ng #	65
50) Dimethylphthalate	9.875	163	41249	2.647	ng #	1
51) 2,6-Dinitrotoluene	9.875	165	31026	10.863	ng #	25
57) 2,4-Dinitrotoluene	9.875	165	31026	9.080	ng #	21
65) 4,6-Dinitro-2-methylph...	10.663	198	586	5.791	ng #	1
67) 4-Bromophenyl-phenylether	10.663	248	14820	3.690	ng #	1
77) Benzidine	12.951	184	16721	2.310	ng #	93

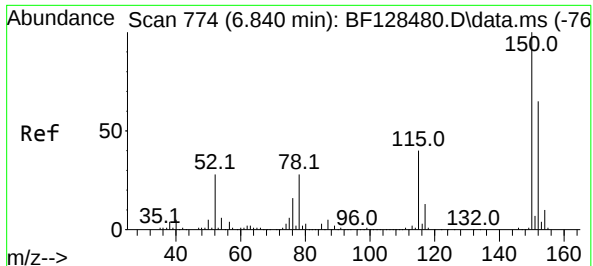
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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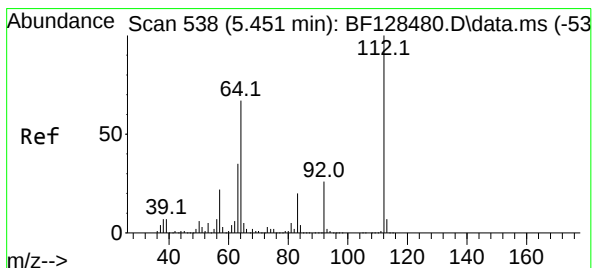
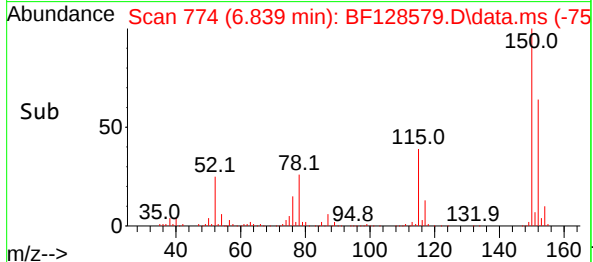
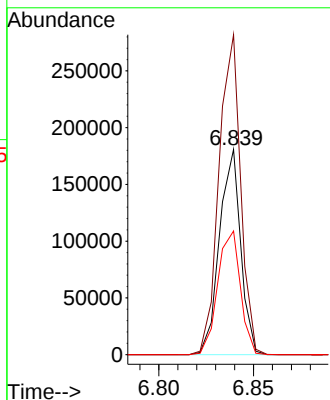
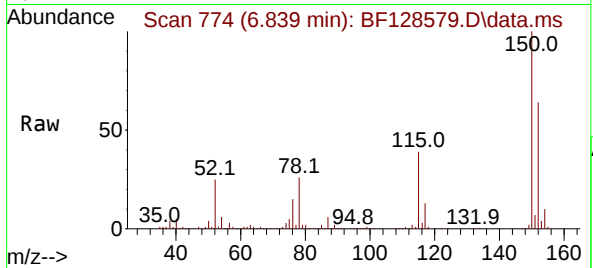




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128579.D
Acq: 29 May 2022 19:01

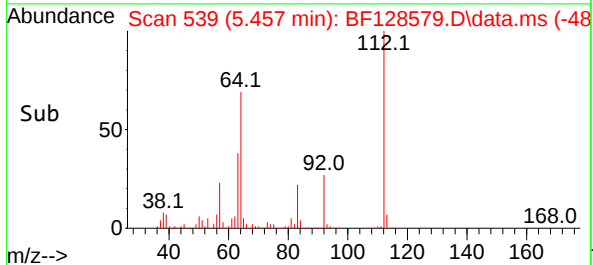
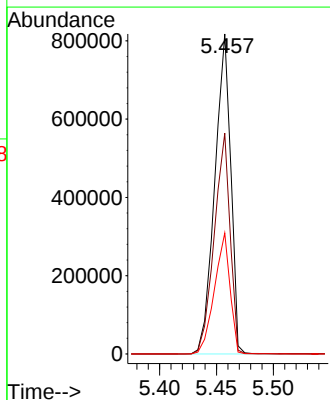
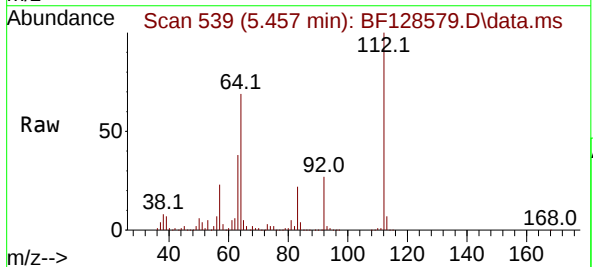
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0006-01

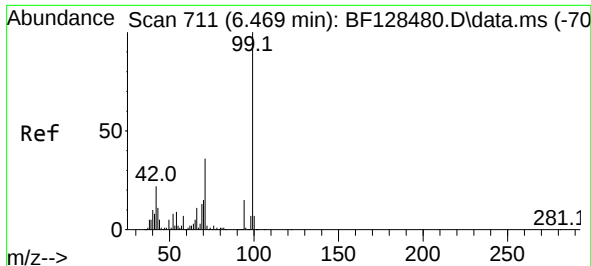
Tgt Ion:152 Resp: 140746
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 60.3 49.9 74.9



#5
2-Fluorophenol
Concen: 94.174 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128579.D
Acq: 29 May 2022 19:01

Tgt Ion:112 Resp: 800205
Ion Ratio Lower Upper
112 100
64 69.0 53.3 79.9
63 37.8 28.0 42.0

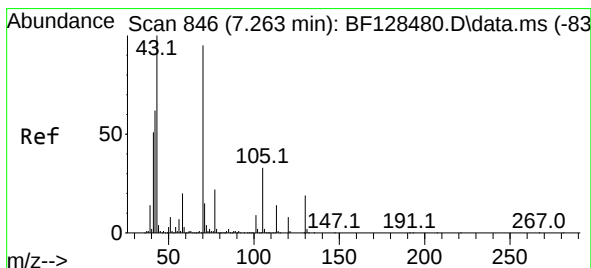
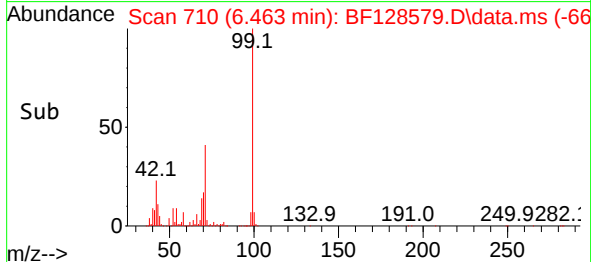
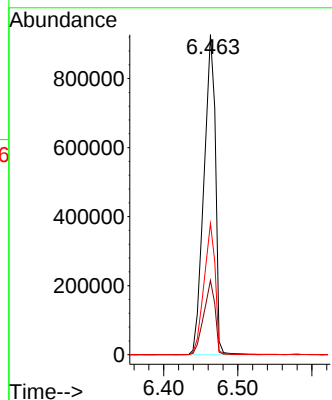
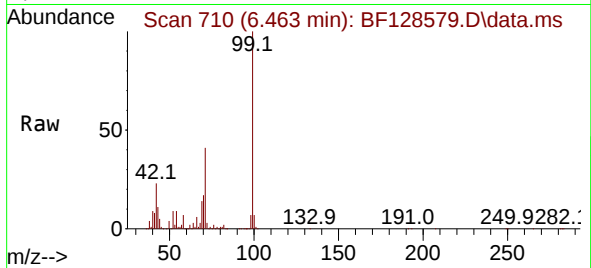




#7
Phenol-d6
Concen: 92.690 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128579.D
Acq: 29 May 2022 19:01

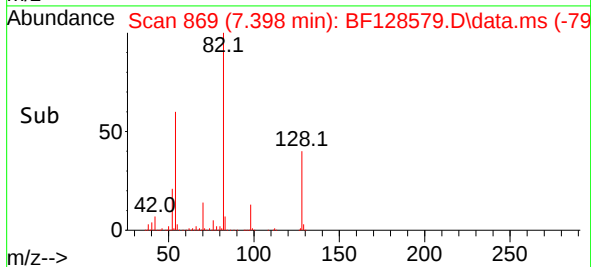
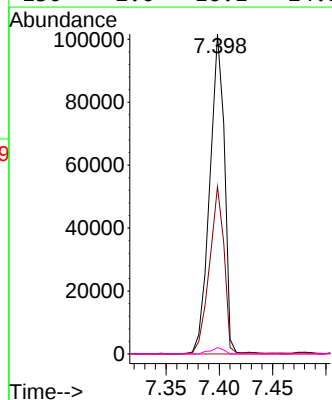
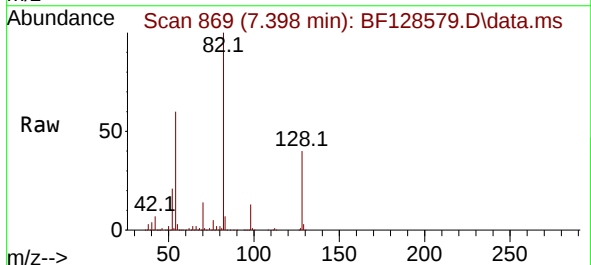
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0006-01

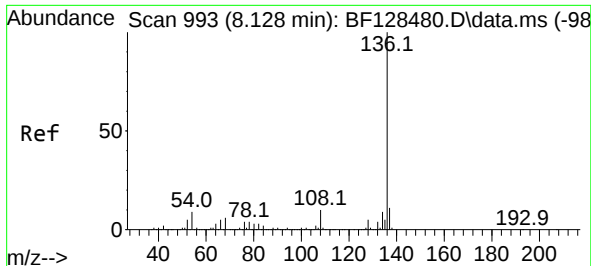
Tgt Ion: 99 Resp: 1004208
Ion Ratio Lower Upper
99 100
42 23.2 17.3 25.9
71 41.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.731 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128579.D
Acq: 29 May 2022 19:01

Tgt Ion: 70 Resp: 97855
Ion Ratio Lower Upper
70 100
42 52.3 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

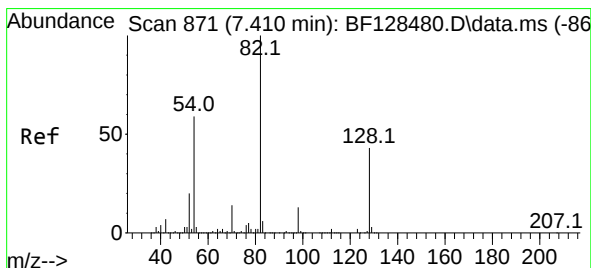
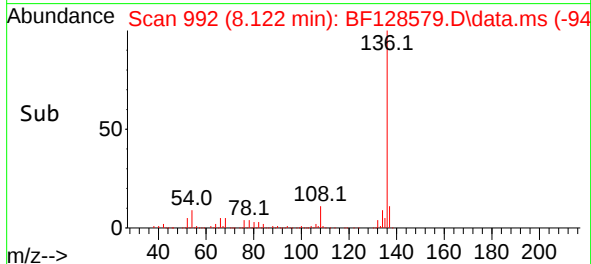
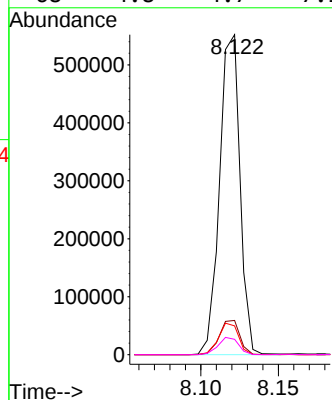
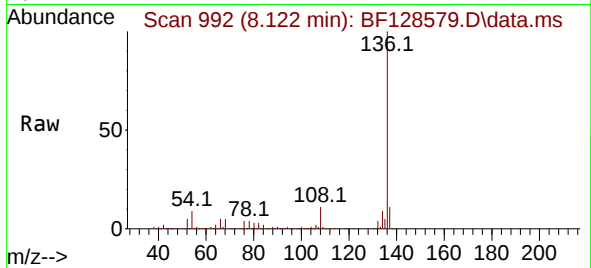




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128579.D
Acq: 29 May 2022 19:01

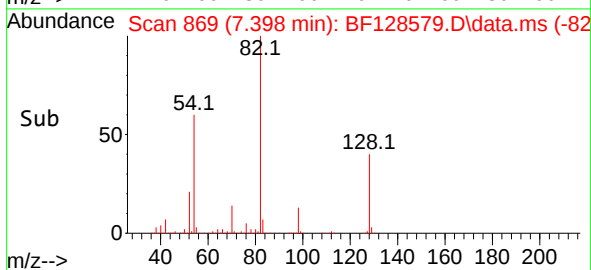
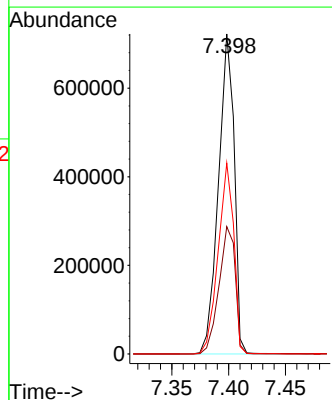
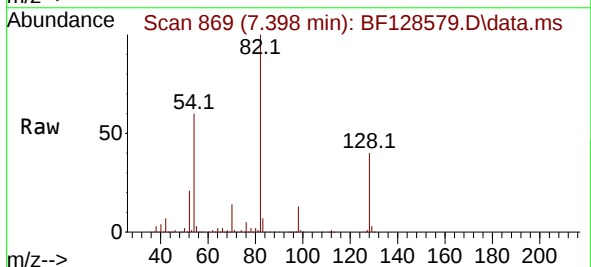
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0006-01

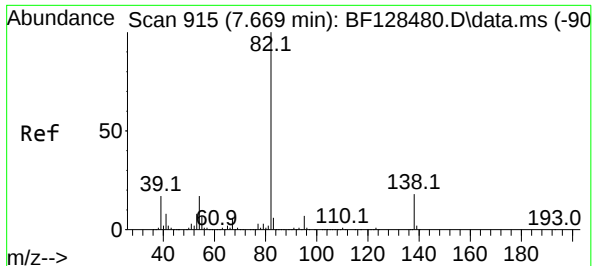
Tgt Ion:136 Resp: 507402
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.0 7.5 11.3
68 4.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 79.380 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128579.D
Acq: 29 May 2022 19:01

Tgt Ion: 82 Resp: 698195
Ion Ratio Lower Upper
82 100
128 39.8 34.0 51.0
54 59.6 46.9 70.3

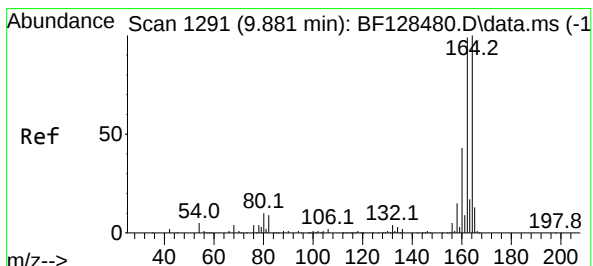
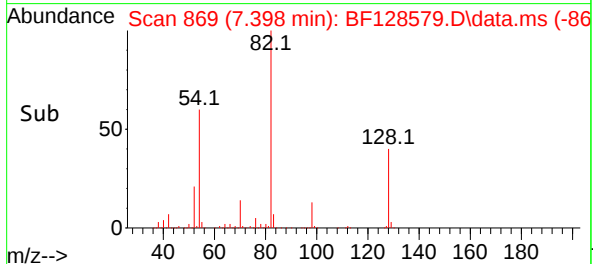
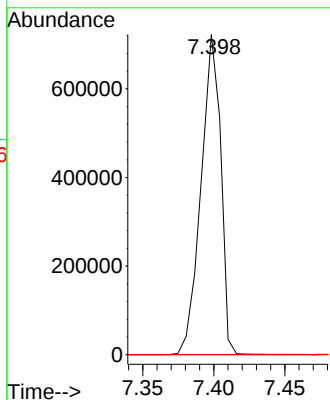
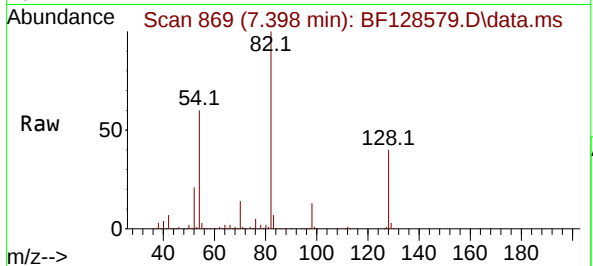




#25
Isophorone
Concen: 42.760 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128579.D
Acq: 29 May 2022 19:01

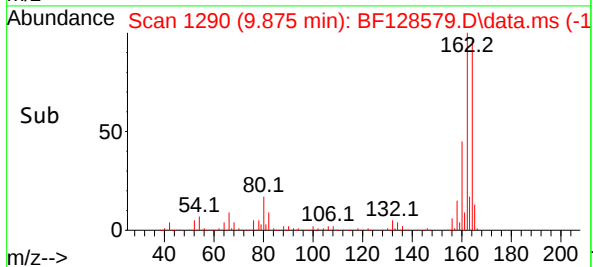
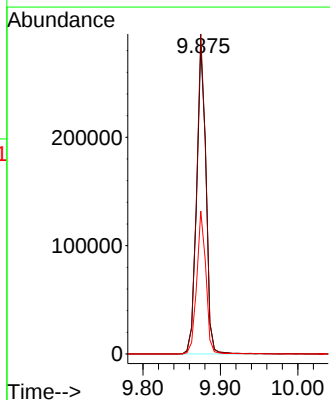
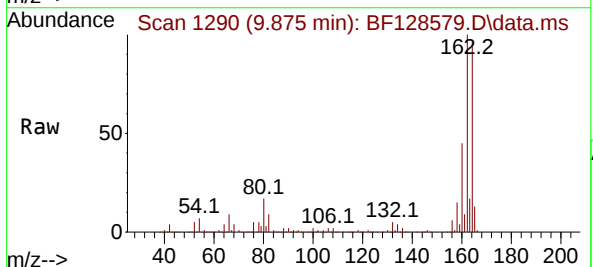
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0006-01

Tgt Ion: 82 Resp: 693802
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: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128579.D
Acq: 29 May 2022 19:01

Tgt Ion: 164 Resp: 240245
Ion Ratio Lower Upper
164 100
162 104.0 79.5 119.3
160 46.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.519 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128579.D

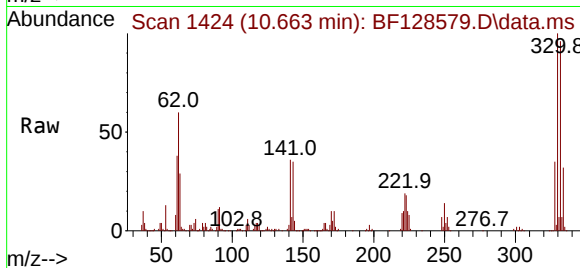
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Instrument :

BNA_F

ClientSampleId :

P035-SS001-0006-01



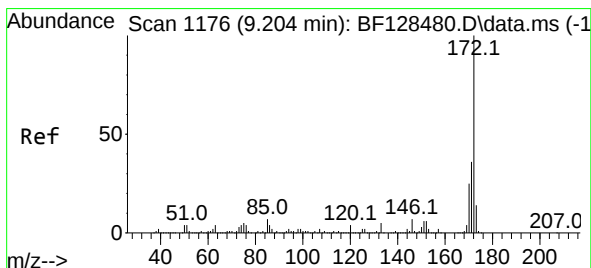
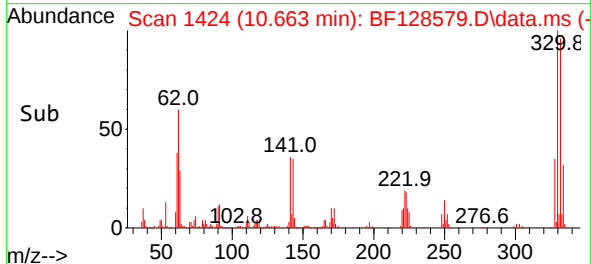
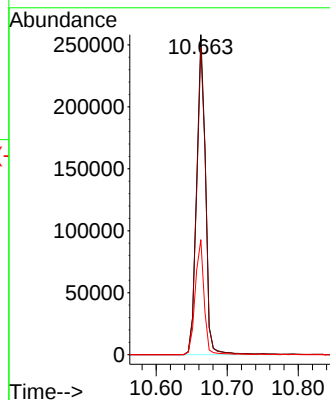
Tgt Ion:330 Resp: 225286

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 35.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 83.166 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128579.D

Acq: 29 May 2022 19:01

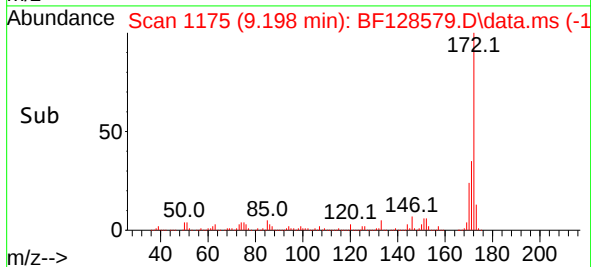
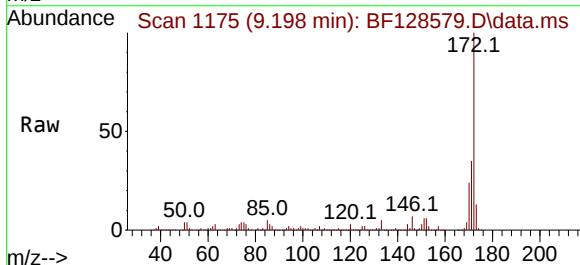
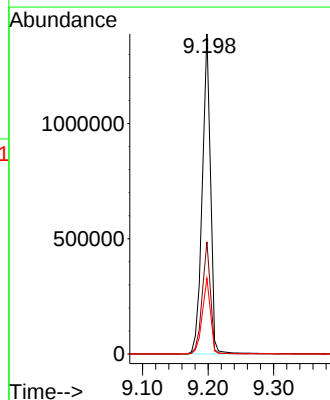
Tgt Ion:172 Resp: 1229824

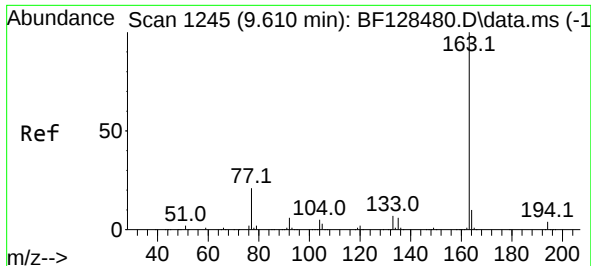
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.6 19.8 29.8

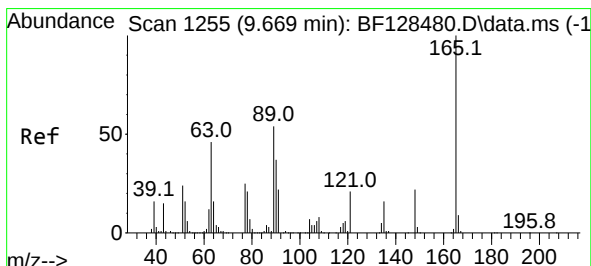
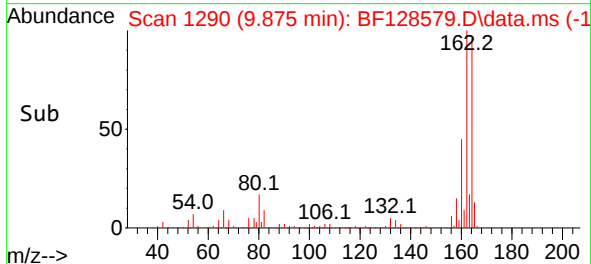
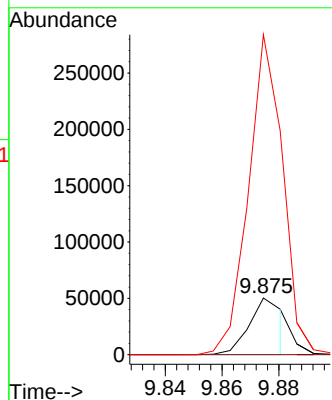
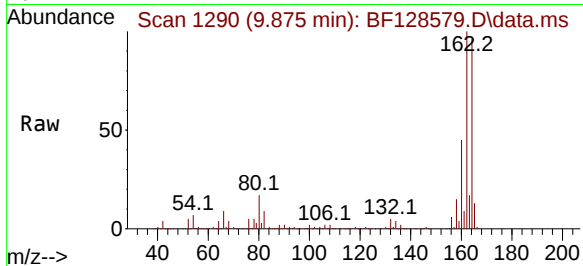




#50
Dimethylphthalate
Concen: 2.647 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128579.D
Acq: 29 May 2022 19:01

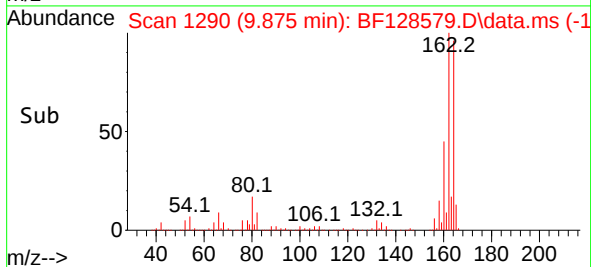
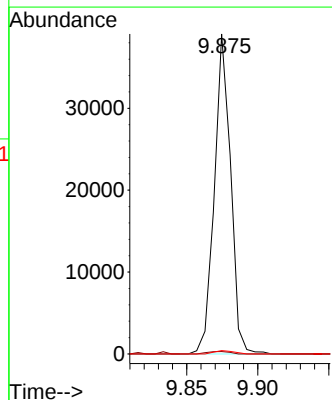
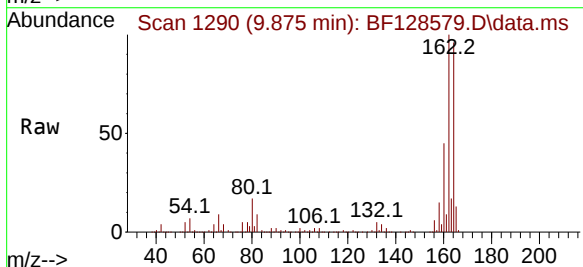
Instrument :
BNA_F
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P035-SS001-0006-01

Tgt Ion:163 Resp: 41249
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 565.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.863 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128579.D
Acq: 29 May 2022 19:01

Tgt Ion:165 Resp: 31026
Ion Ratio Lower Upper
165 100
63 0.7 44.9 67.3#
89 1.1 43.6 65.4#

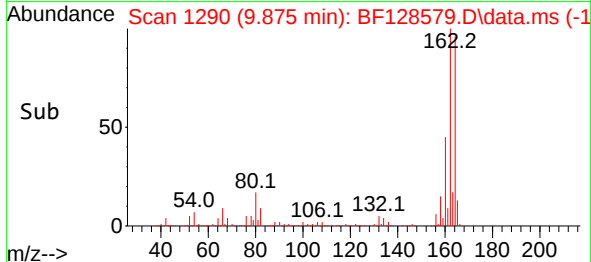
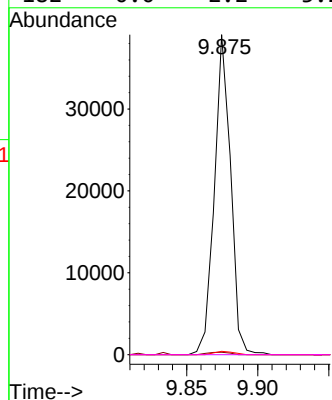
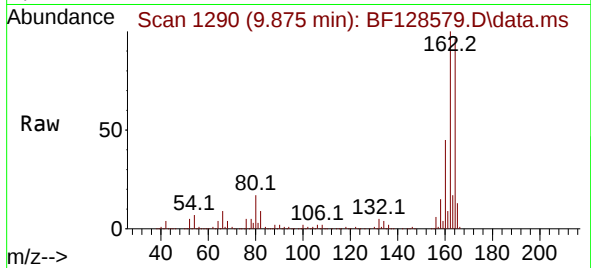




#57
2,4-Dinitrotoluene
Concen: 9.080 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128579.D
Acq: 29 May 2022 19:01

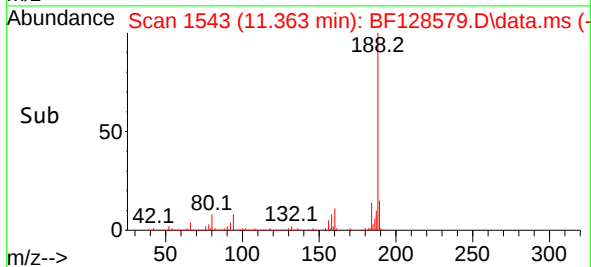
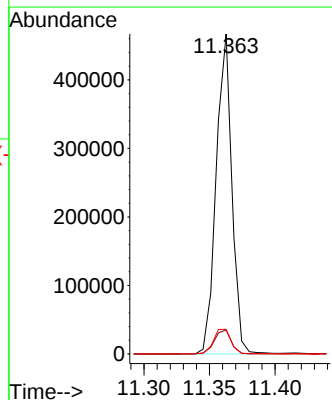
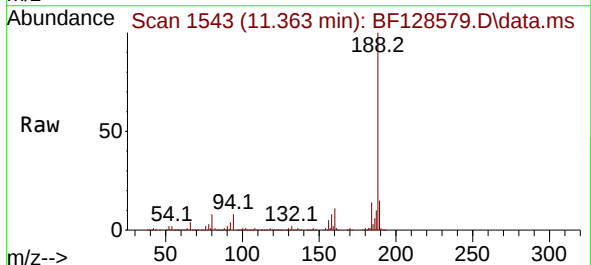
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0006-01

Tgt Ion:165 Resp: 31026
Ion Ratio Lower Upper
165 100
63 0.7 39.8 59.6#
89 1.1 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: BF128579.D
Acq: 29 May 2022 19:01

Tgt Ion:188 Resp: 388700
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 7.7 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.791 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128579.D

Acq: 29 May 2022 19:01

Instrument :

BNA_F

ClientSampleId :

P035-SS001-0006-01

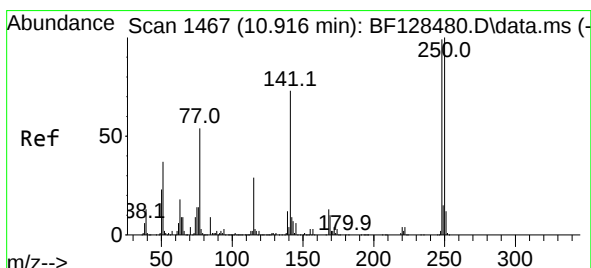
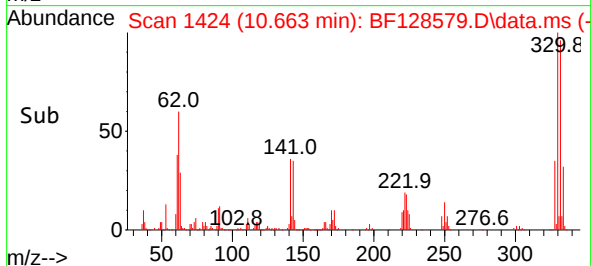
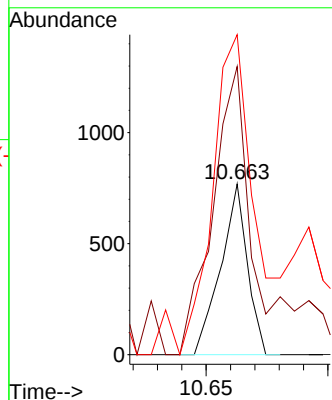
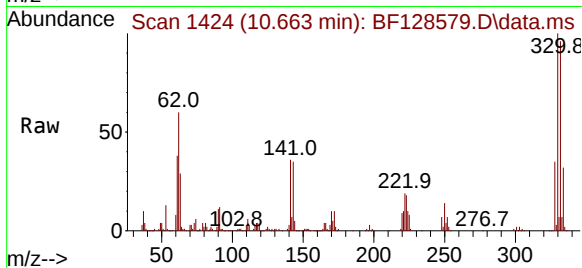
Tgt Ion:198 Resp: 586

Ion Ratio Lower Upper

198 100

51 168.8 37.6 77.6#

105 187.4 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 3.690 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128579.D

Acq: 29 May 2022 19:01

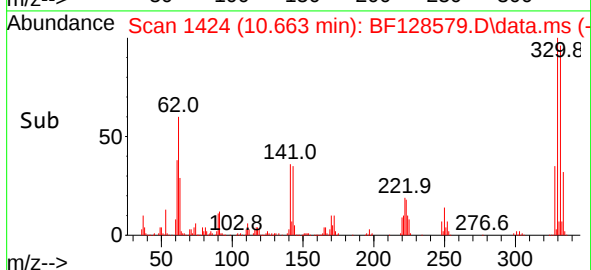
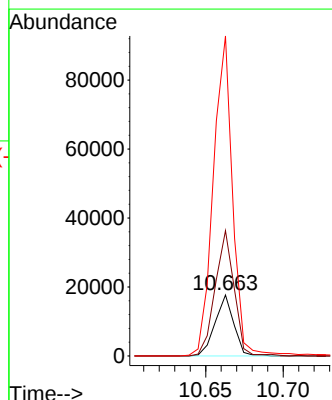
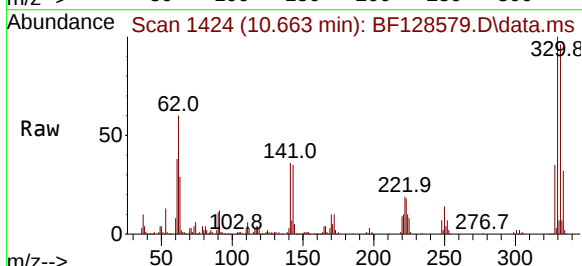
Tgt Ion:248 Resp: 14820

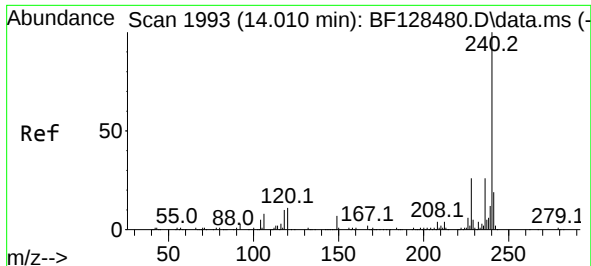
Ion Ratio Lower Upper

248 100

250 205.8 80.6 120.8#

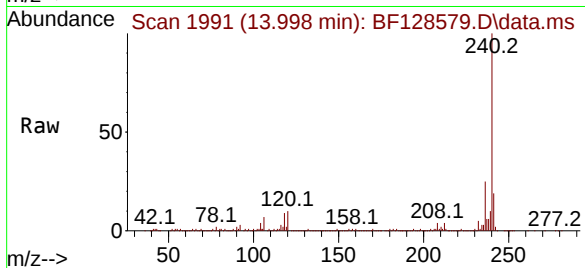
141 525.6 58.9 88.3#



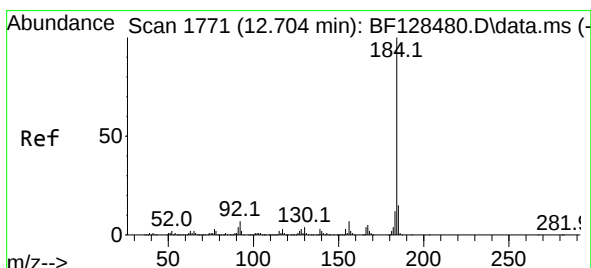
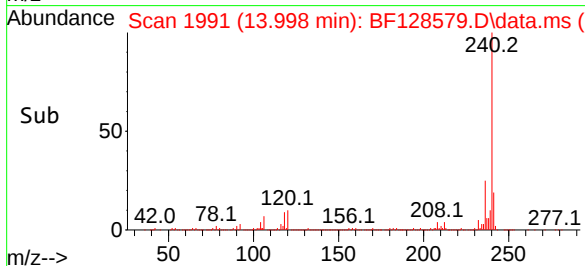
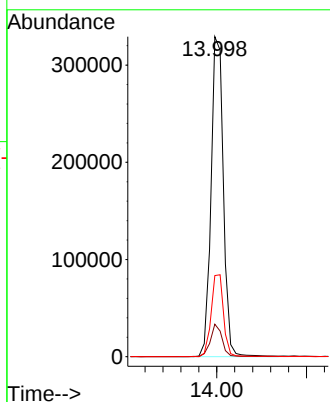


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128579.D
Acq: 29 May 2022 19:01

Instrument :
BNA_F
ClientSampleId :
P035-SS001-0006-01

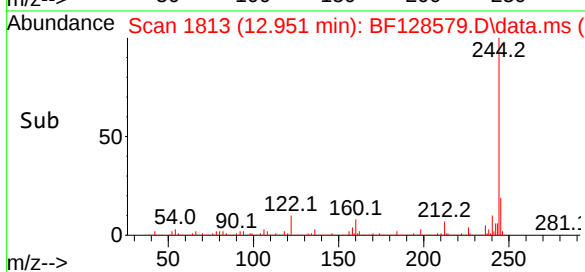
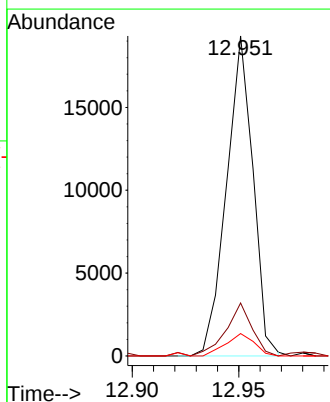
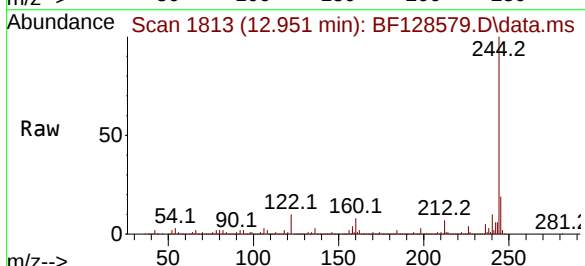


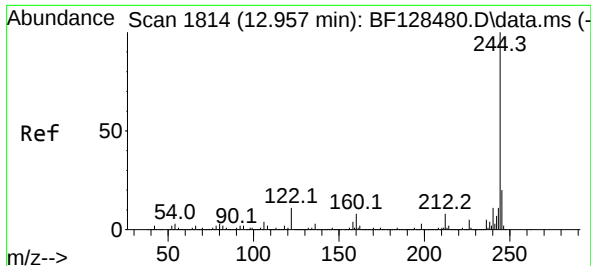
Tgt Ion:240 Resp: 313786
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.3 20.8 31.2



#77
Benzidine
Concen: 2.310 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128579.D
Acq: 29 May 2022 19:01

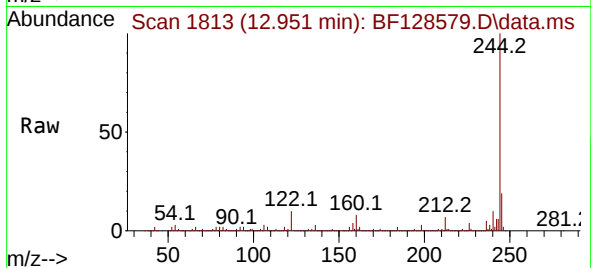
Tgt Ion:184 Resp: 16721
Ion Ratio Lower Upper
184 100
185 16.5 11.9 17.9
183 7.0 9.3 13.9#



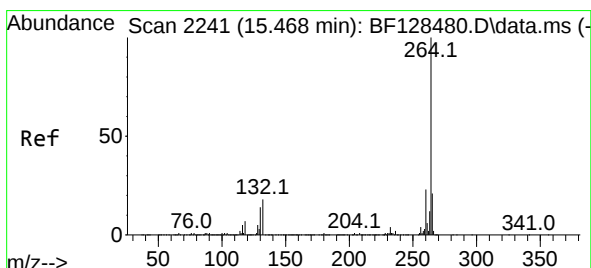
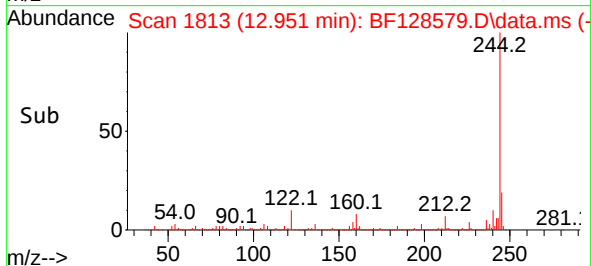
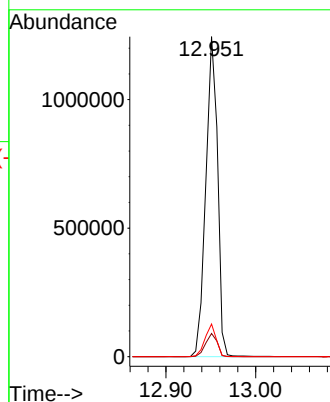


#79
 Terphenyl-d14
 Concen: 69.756 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF128579.D
 Acq: 29 May 2022 19:01

Instrument :
 BNA_F
 ClientSampleId :
 P035-SS001-0006-01



Tgt Ion:244 Resp: 1132959
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.2 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: BF128579.D
 Acq: 29 May 2022 19:01

Tgt Ion:264 Resp: 232270
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 22.2 17.2 25.8

