

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128570.D
 Acq On : 29 May 2022 14:34
 Operator : CG\JU
 Sample : N2951-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P035-SS001-1218-02

Quant Time: May 30 00:50:57 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)

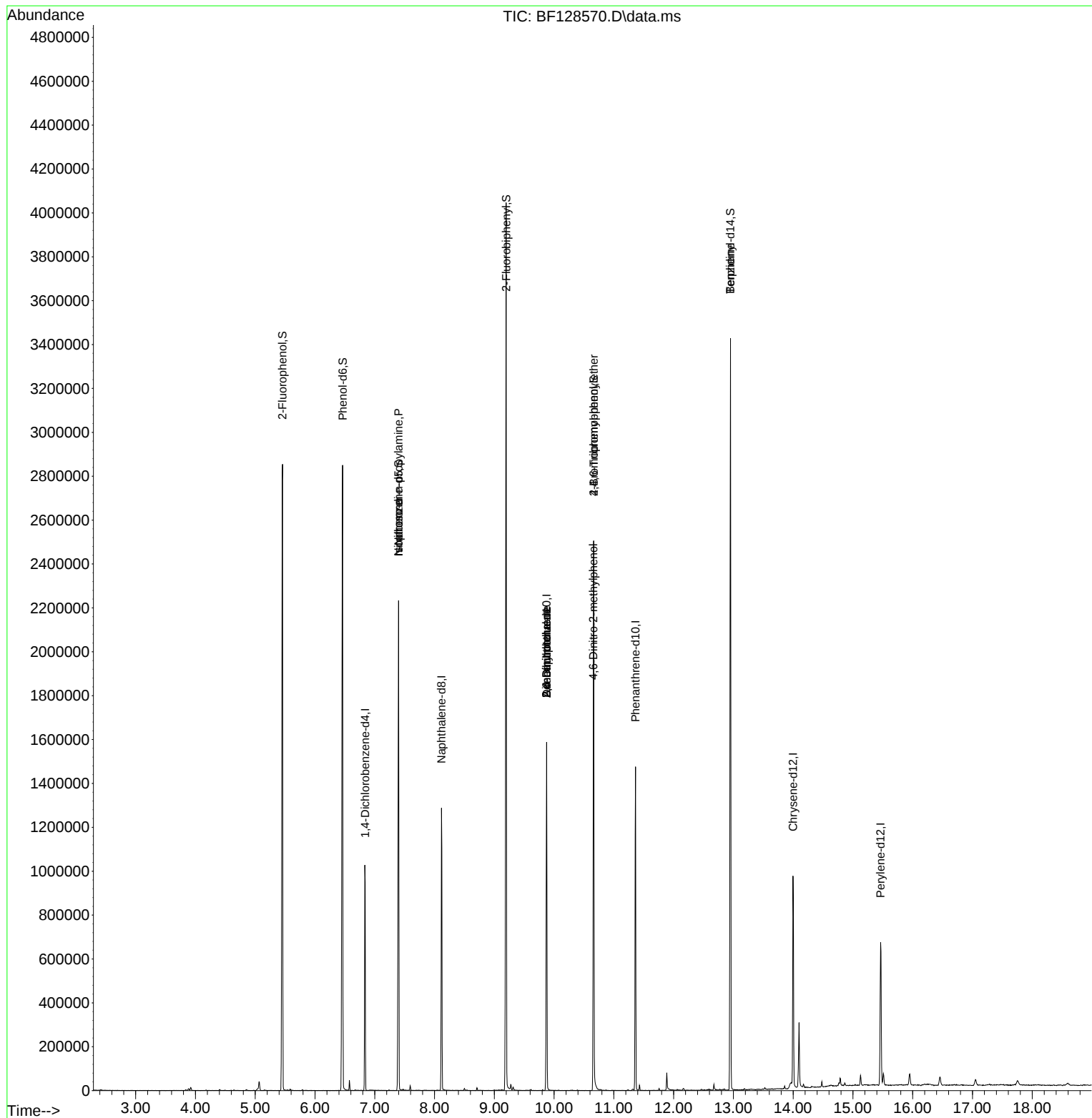
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	143114	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	545258	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	301144	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	526203	20.000	ng	0.00
76) Chrysene-d12	13.998	240	321986	20.000	ng	-0.01
86) Perylene-d12	15.462	264	302882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	782217	90.534	ng	0.00
7) Phenol-d6	6.463	99	992202	90.067	ng	0.00
23) Nitrobenzene-d5	7.398	82	676254	71.547	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	272823	95.180	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1215991	65.602	ng	0.00
79) Terphenyl-d14	12.951	244	1108495	66.511	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	54	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	92780	13.736	ng	# 77
25) Isophorone	7.398	82	674699	38.695	ng	# 65
50) Dimethylphthalate	9.875	163	52655	2.696	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	38703	10.811	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	38703	9.036	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.657	198	685	5.751	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	17919	3.296	ng	# 1
77) Benzidine	12.951	184	15626	2.104	ng	# 91

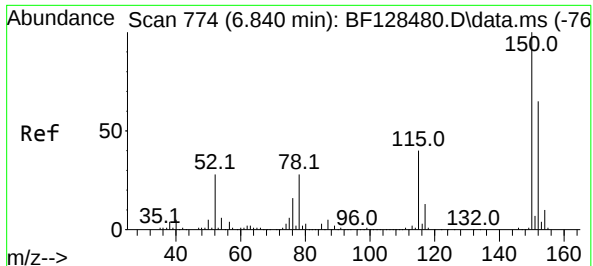
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
Data File : BF128570.D
Acq On : 29 May 2022 14:34
Operator : CG\JU
Sample : N2951-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-02

Quant Time: May 30 00:50:57 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

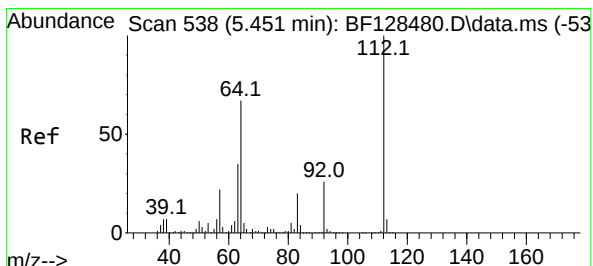
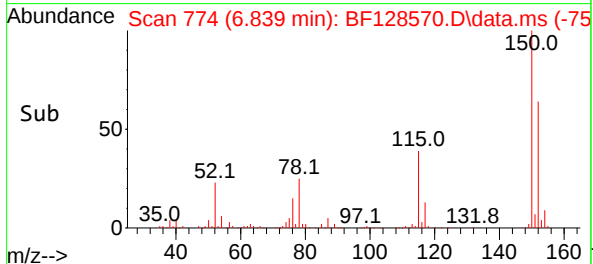
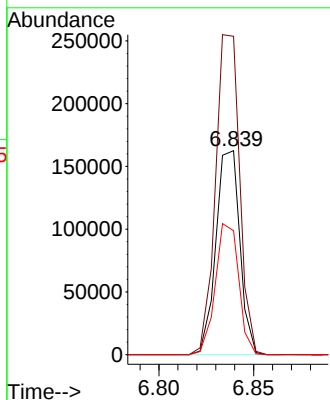
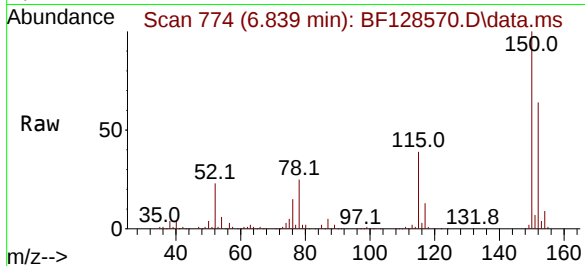




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128570.D
Acq: 29 May 2022 14:34

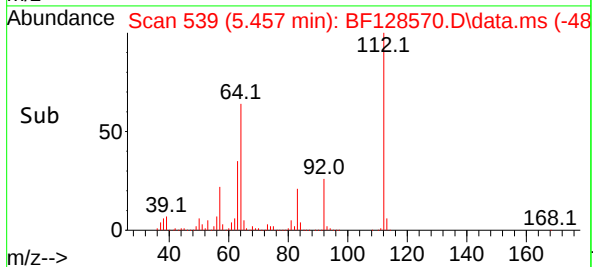
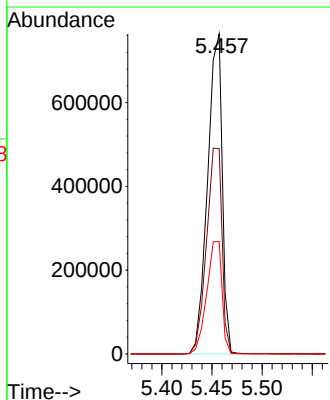
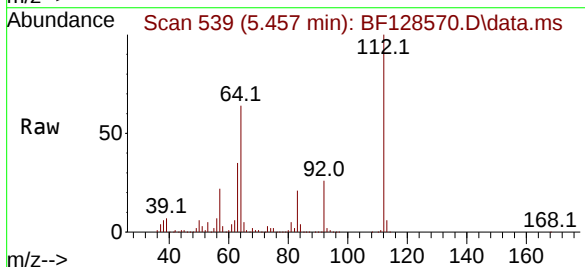
Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-02

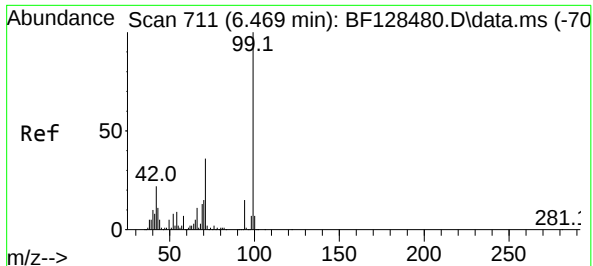
Tgt Ion:152 Resp: 143114
Ion Ratio Lower Upper
152 100
150 156.1 123.7 185.5
115 60.8 49.9 74.9



#5
2-Fluorophenol
Concen: 90.534 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128570.D
Acq: 29 May 2022 14:34

Tgt Ion:112 Resp: 782217
Ion Ratio Lower Upper
112 100
64 64.2 53.3 79.9
63 35.2 28.0 42.0

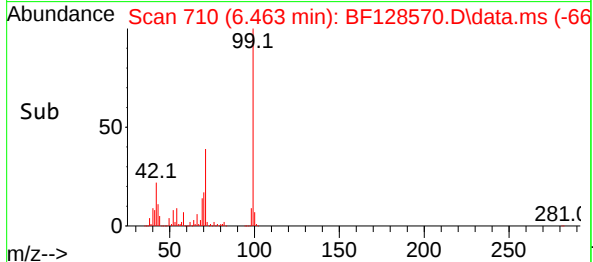
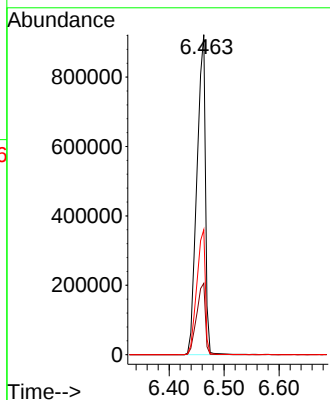
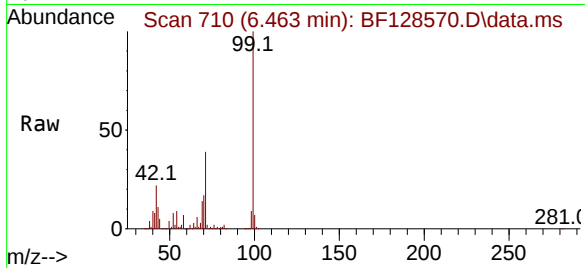




#7
Phenol-d6
Concen: 90.067 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128570.D
Acq: 29 May 2022 14:34

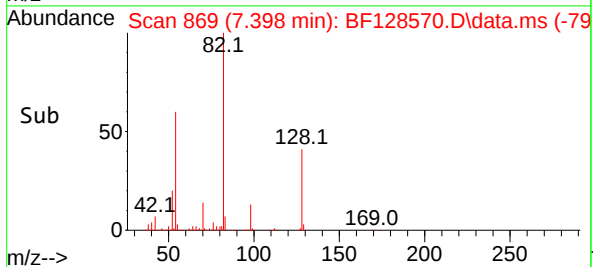
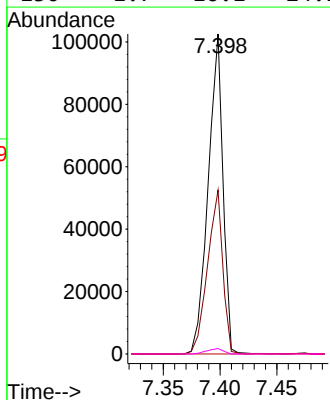
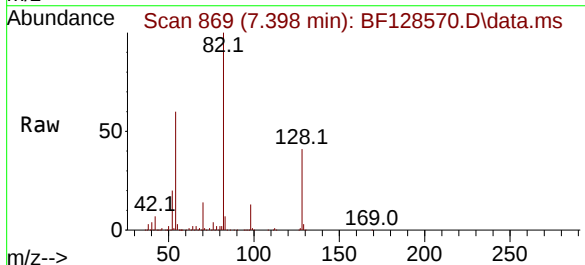
Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-02

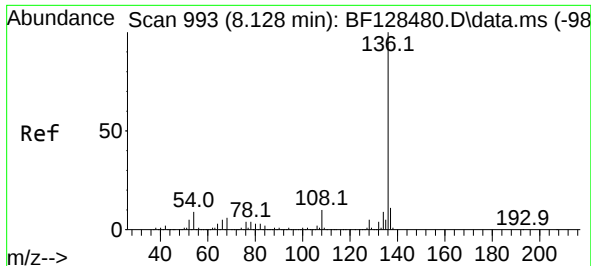
Tgt Ion: 99 Resp: 992202
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 39.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.736 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128570.D
Acq: 29 May 2022 14:34

Tgt Ion: 70 Resp: 92780
Ion Ratio Lower Upper
70 100
42 51.2 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 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: BF128570.D

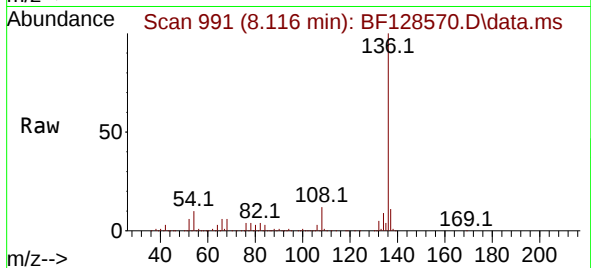
Acq: 29 May 2022 14:34

Instrument :

BNA_F

ClientSampleId :

P035-SS001-1218-02



Tgt Ion:136 Resp: 545258

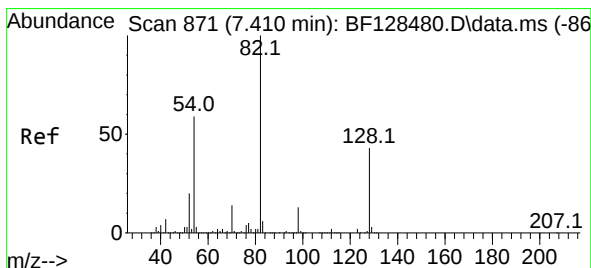
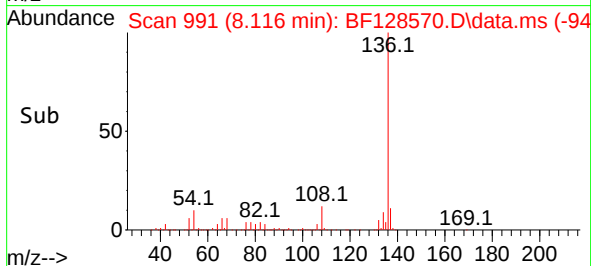
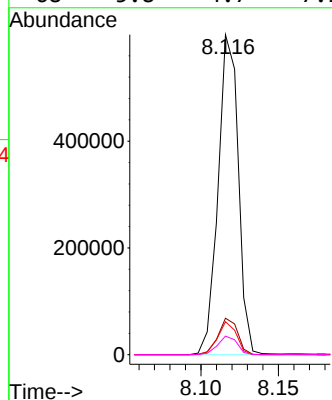
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 10.3 7.5 11.3

68 5.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 71.547 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128570.D

Acq: 29 May 2022 14:34

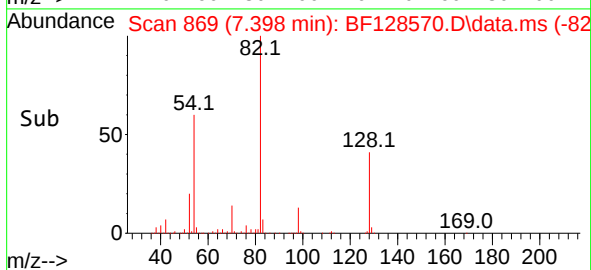
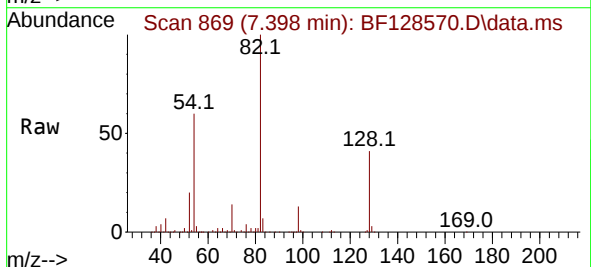
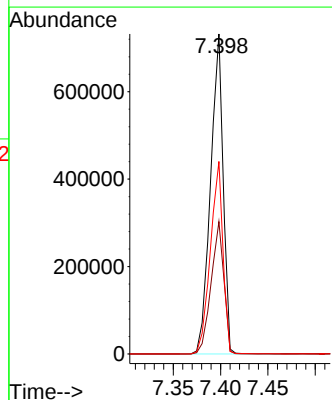
Tgt Ion: 82 Resp: 676254

Ion Ratio Lower Upper

82 100

128 41.4 34.0 51.0

54 60.1 46.9 70.3

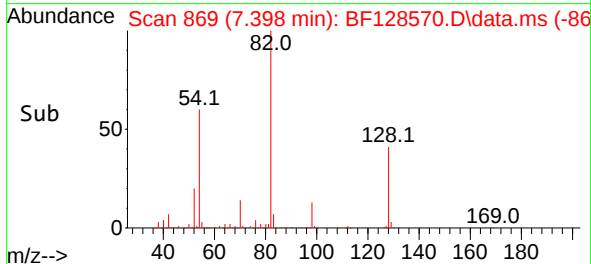
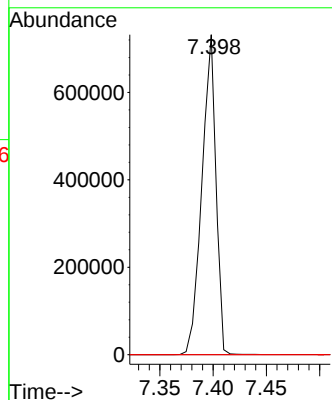
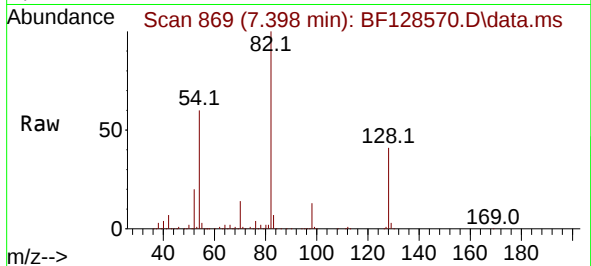




#25
Isophorone
Concen: 38.695 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128570.D
Acq: 29 May 2022 14:34

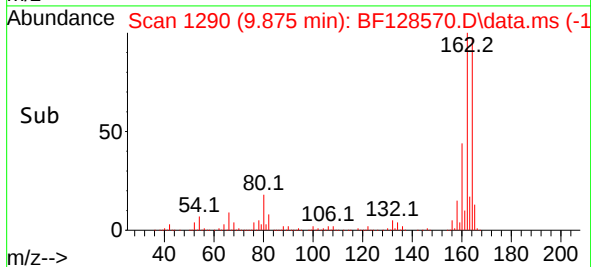
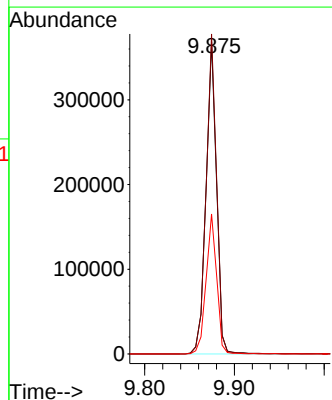
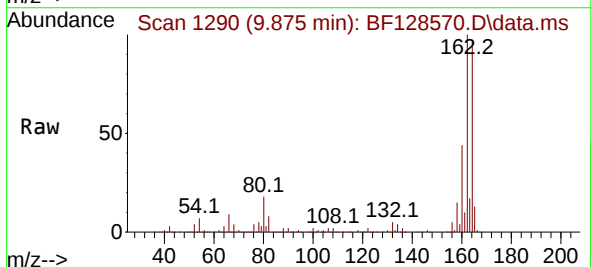
Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-02

Tgt Ion: 82 Resp: 674699
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: BF128570.D
Acq: 29 May 2022 14:34

Tgt Ion: 164 Resp: 301144
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 44.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 95.180 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128570.D

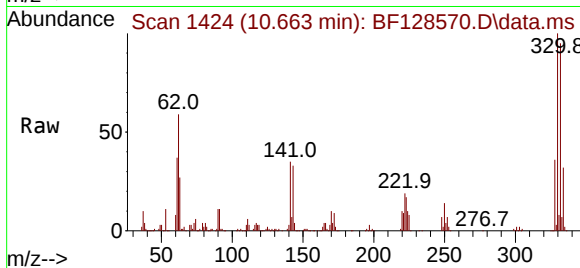
Acq: 29 May 2022 14:34

Instrument :

BNA_F

ClientSampleId :

P035-SS001-1218-02



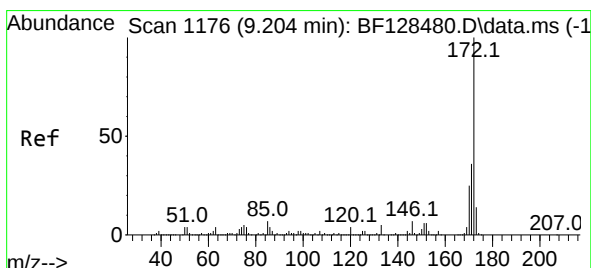
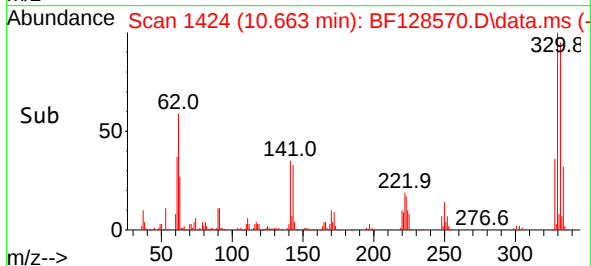
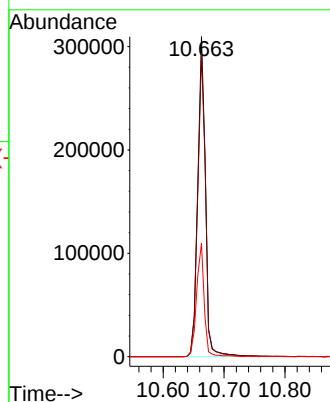
Tgt Ion:330 Resp: 272823

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

141 34.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 65.602 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128570.D

Acq: 29 May 2022 14:34

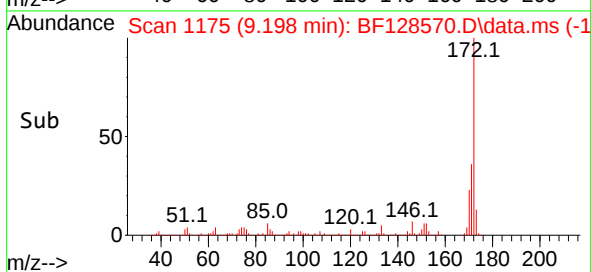
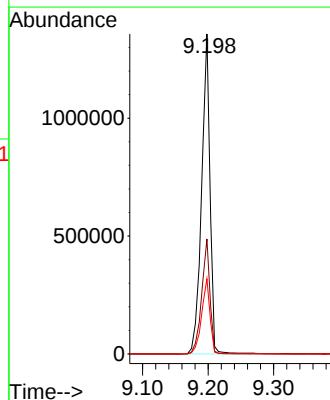
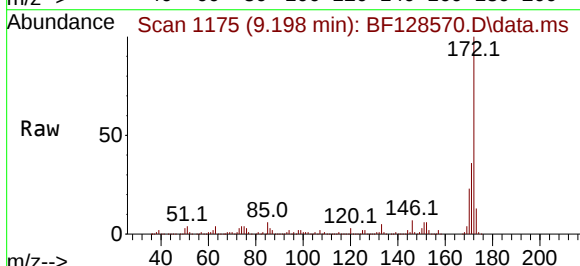
Tgt Ion:172 Resp: 1215991

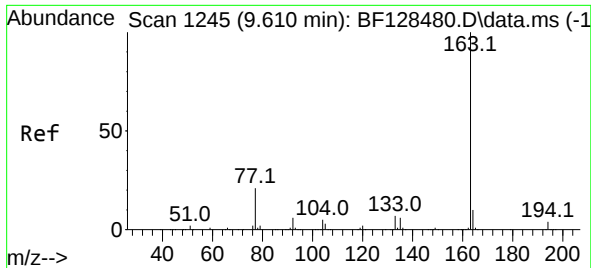
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.5 19.8 29.8

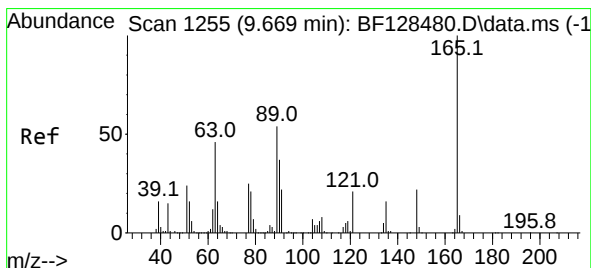
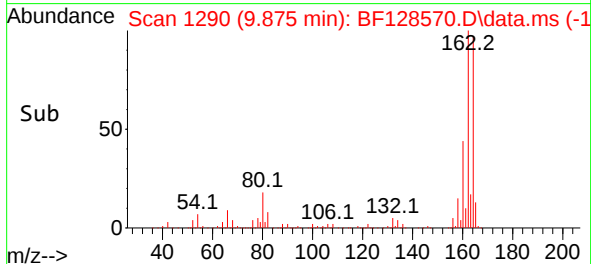
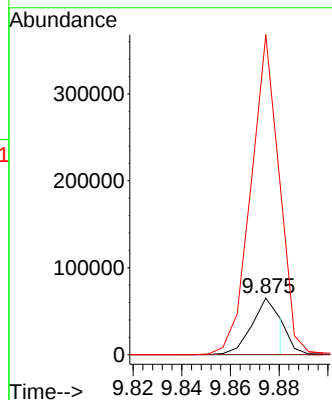
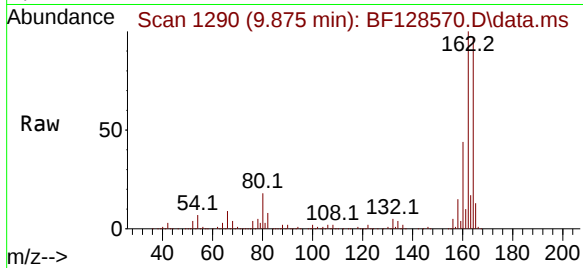




#50
Dimethylphthalate
Concen: 2.696 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF128570.D
Acq: 29 May 2022 14:34

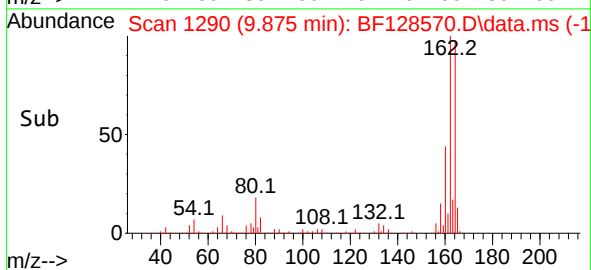
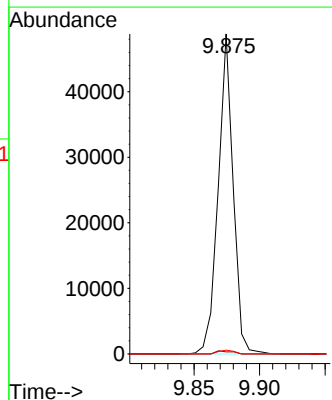
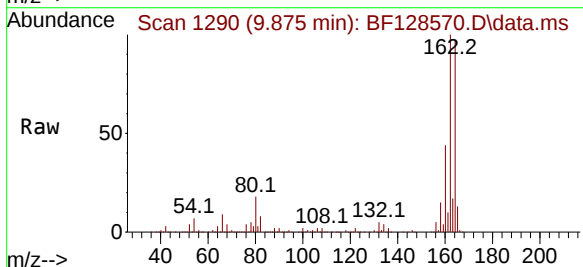
Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-02

Tgt Ion:163 Resp: 52655
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 565.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.811 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128570.D
Acq: 29 May 2022 14:34

Tgt Ion:165 Resp: 38703
Ion Ratio Lower Upper
165 100
63 0.6 44.9 67.3#
89 1.2 43.6 65.4#

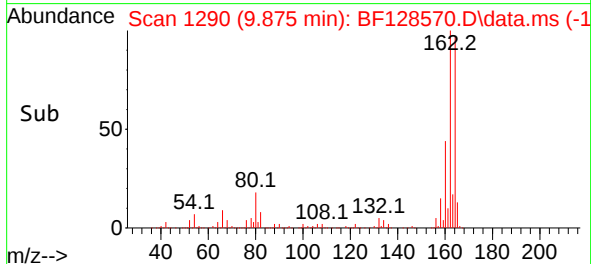
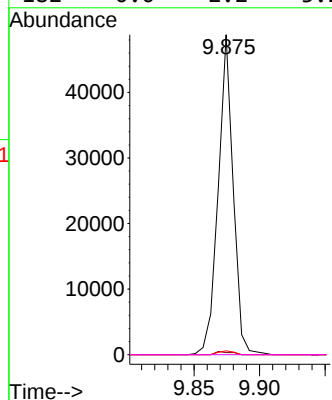
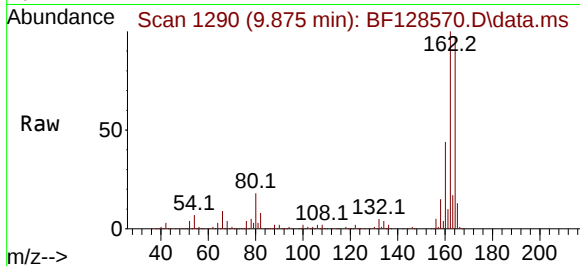




#57
2,4-Dinitrotoluene
Concen: 9.036 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128570.D
Acq: 29 May 2022 14:34

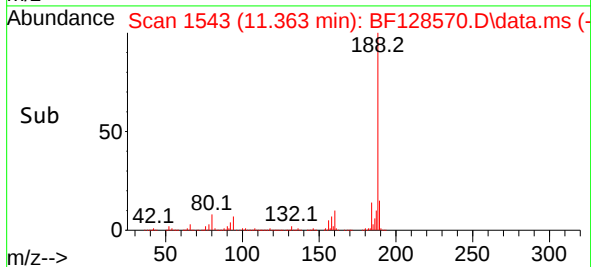
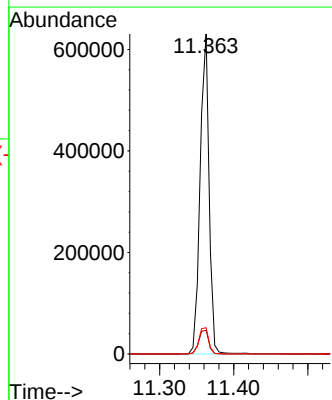
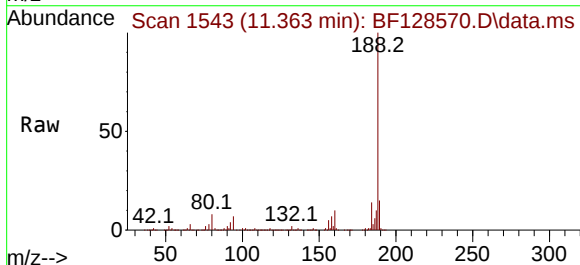
Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-02

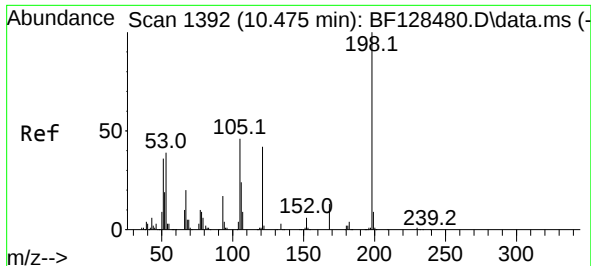
Tgt Ion:165 Resp: 38703
Ion Ratio Lower Upper
165 100
63 0.6 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128570.D
Acq: 29 May 2022 14:34

Tgt Ion:188 Resp: 526203
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.6
80 8.2 7.6 11.4

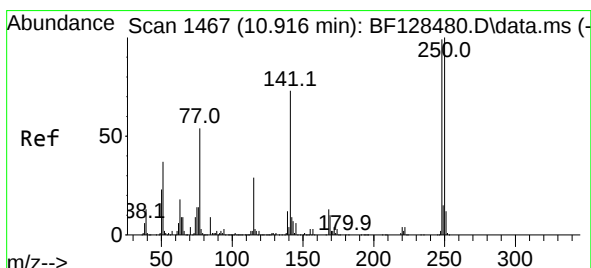
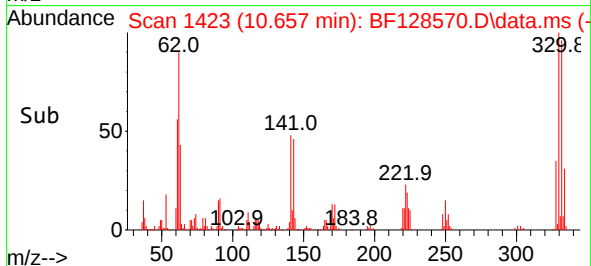
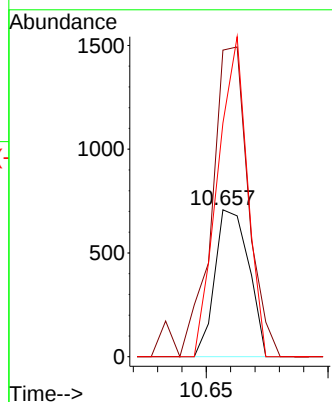
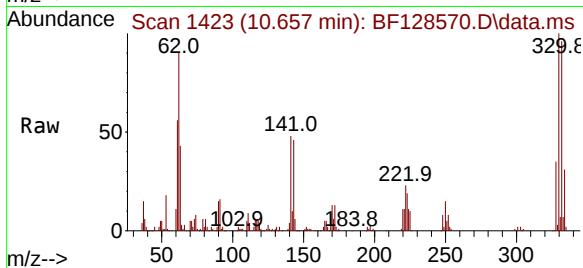




#65
4,6-Dinitro-2-methylphenol
Concen: 5.751 ng
RT: 10.657 min Scan# 141
Delta R.T. 0.182 min
Lab File: BF128570.D
Acq: 29 May 2022 14:34

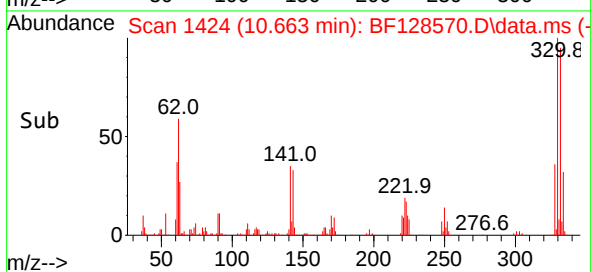
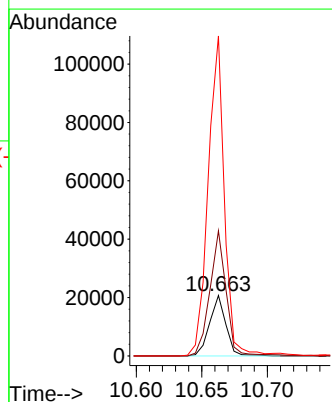
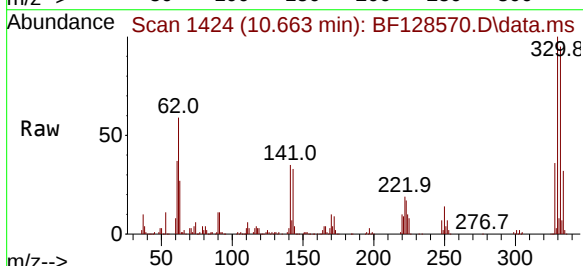
Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-02

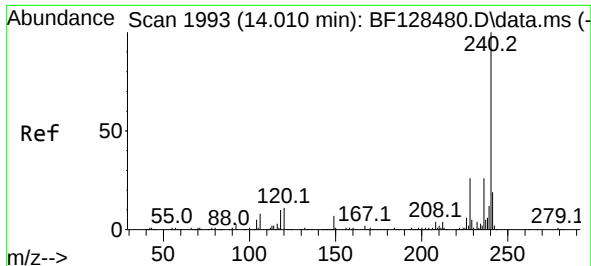
Tgt Ion:198 Resp: 685
Ion Ratio Lower Upper
198 100
51 208.6 37.6 77.6#
105 159.0 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.296 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128570.D
Acq: 29 May 2022 14:34

Tgt Ion:248 Resp: 17919
Ion Ratio Lower Upper
248 100
250 206.9 80.6 120.8#
141 529.3 58.9 88.3#

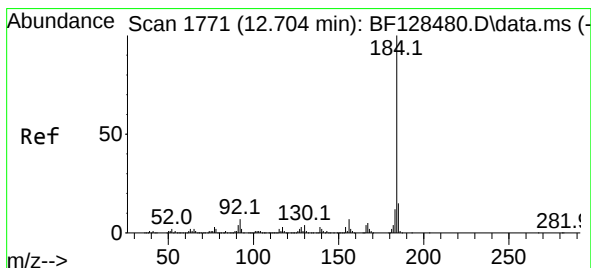
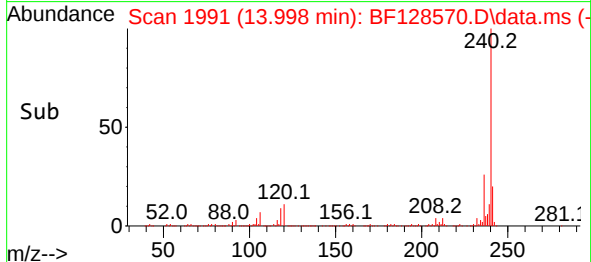
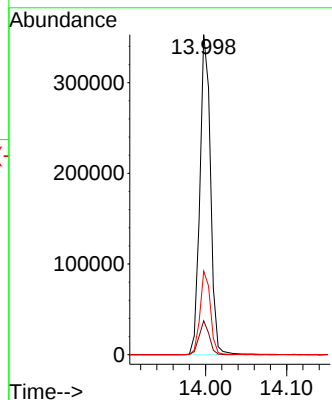
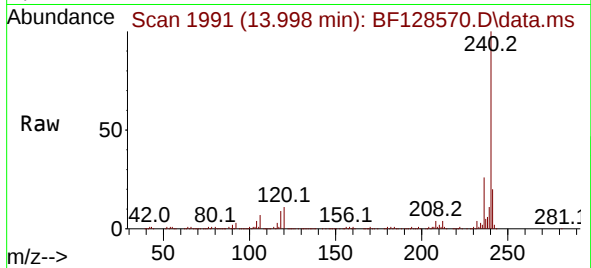




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1813
Delta R.T. -0.012 min
Lab File: BF128570.D
Acq: 29 May 2022 14:34

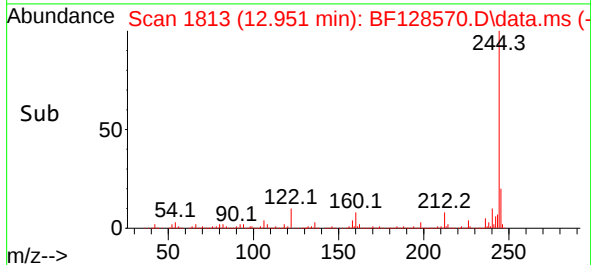
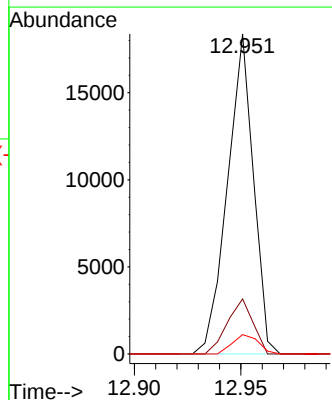
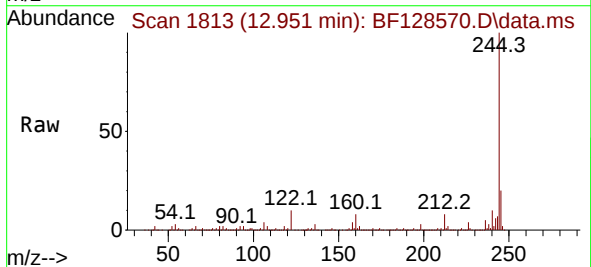
Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-02

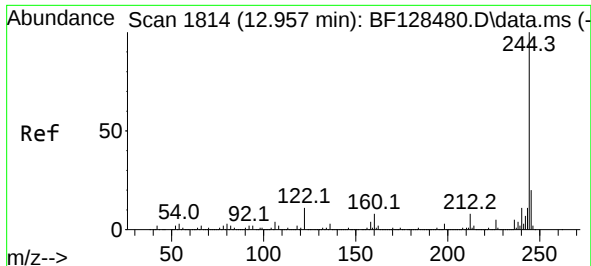
Tgt Ion:240 Resp: 321986
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.1 20.8 31.2



#77
Benzidine
Concen: 2.104 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128570.D
Acq: 29 May 2022 14:34

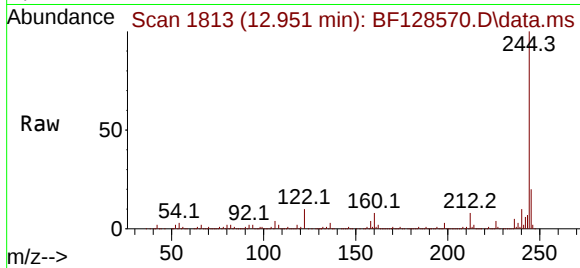
Tgt Ion:184 Resp: 15626
Ion Ratio Lower Upper
184 100
185 17.2 11.9 17.9
183 6.1 9.3 13.9#



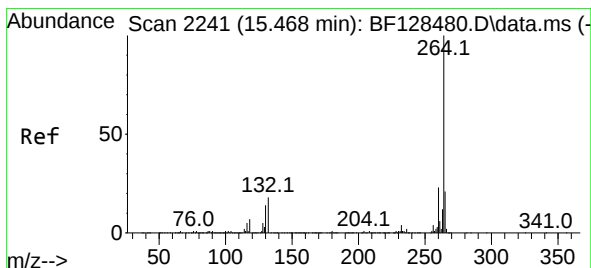
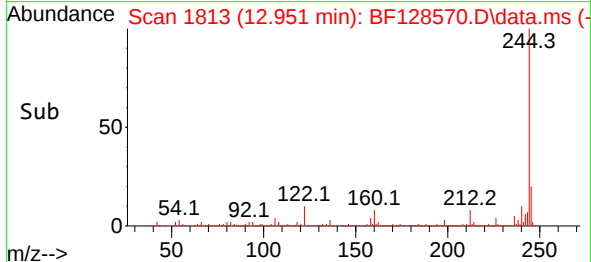
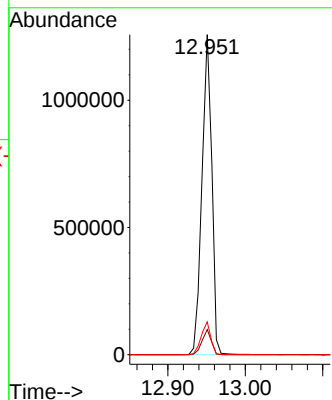


#79
 Terphenyl-d14
 Concen: 66.511 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128570.D
 Acq: 29 May 2022 14:34

Instrument :
 BNA_F
 ClientSampleId :
 P035-SS001-1218-02



Tgt Ion:244 Resp: 1108495
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 10.2 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: BF128570.D
 Acq: 29 May 2022 14:34

Tgt Ion:264 Resp: 302882
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.5 17.2 25.8

