

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128650.D
 Acq On : 02 Jun 2022 21:10
 Operator : CG\JU
 Sample : N2988-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS002-2430-01

Quant Time: Jun 03 03:27:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

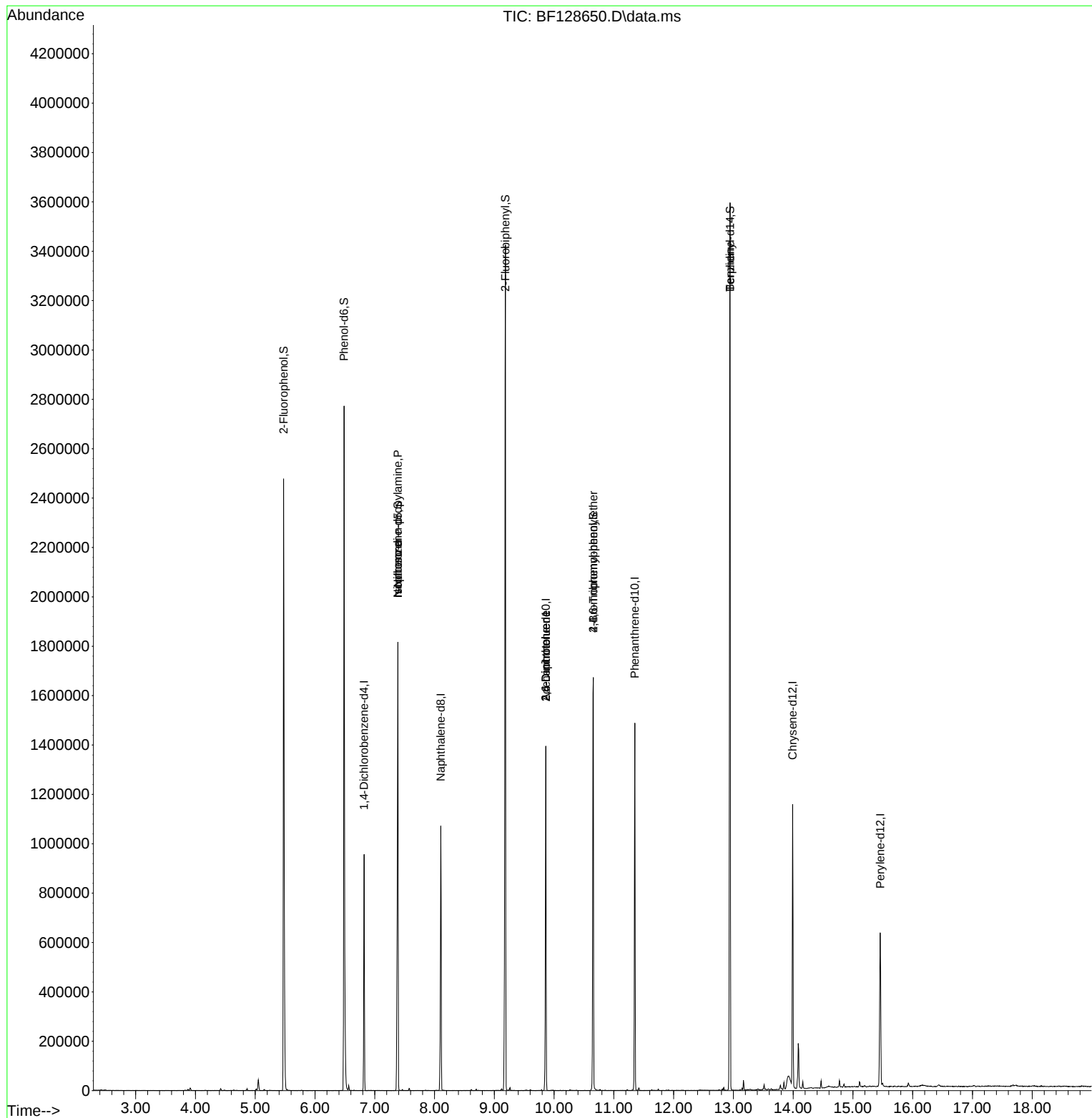
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	116125	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	445950	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	259896	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	495098	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	367103	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	280296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	596149	81.771	ng	0.00
7) Phenol-d6	6.486	99	757253	85.091	ng	-0.01
23) Nitrobenzene-d5	7.386	82	562539	58.731	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	194386	63.301	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1052958	56.753	ng	0.00
79) Terphenyl-d14	12.945	244	1219240	57.711	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	79607	14.387	ng	# 82
25) Isophorone	7.386	82	560806	38.551	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	33587	9.566	ng	# 25
57) 2,4-Dinitrotoluene	9.863	165	33587	7.168	ng	# 21
67) 4-Bromophenyl-phenylether	10.657	248	12989	2.353	ng	# 1
77) Benzidine	12.945	184	19202	2.624	ng	# 90

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

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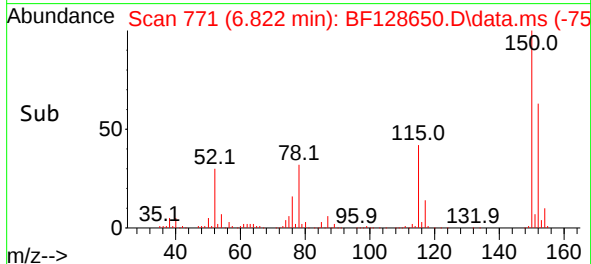
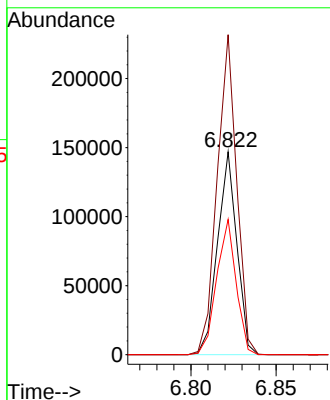
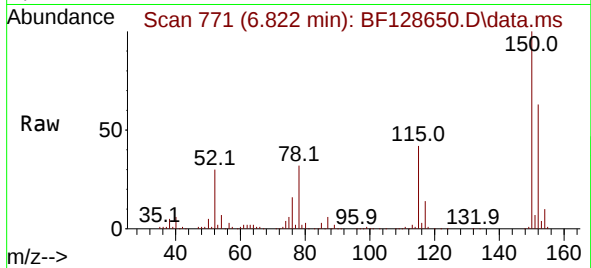




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10

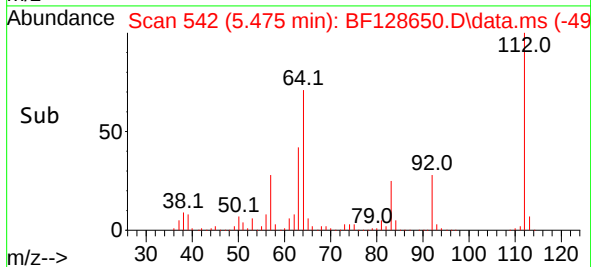
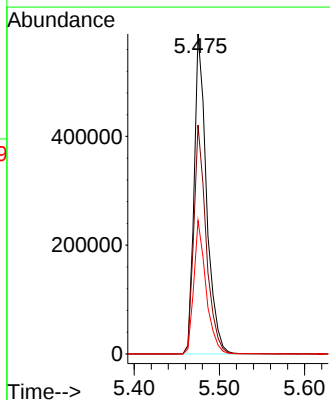
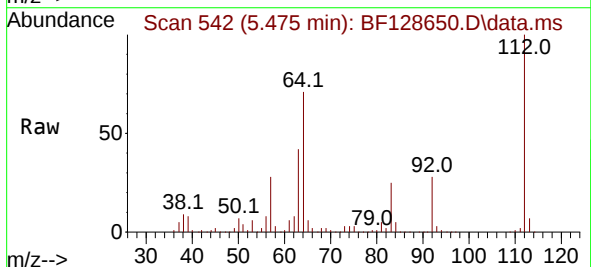
Instrument :
BNA_F
ClientSampleId :
P015-SS002-2430-01

Tgt Ion:152 Resp: 116125
Ion Ratio Lower Upper
152 100
150 157.7 123.7 185.5
115 66.6 49.9 74.9



#5
2-Fluorophenol
Concen: 81.771 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10

Tgt Ion:112 Resp: 596149
Ion Ratio Lower Upper
112 100
64 71.5 53.3 79.9
63 41.7 28.0 42.0

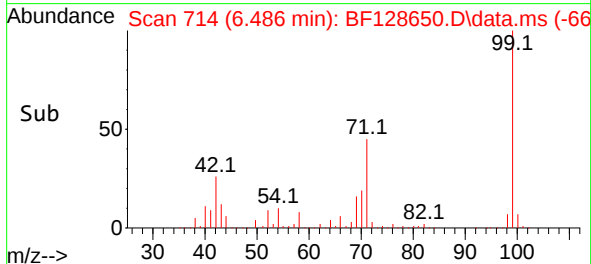
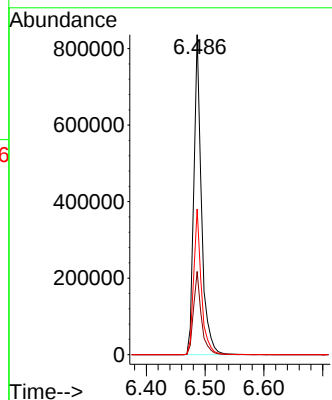
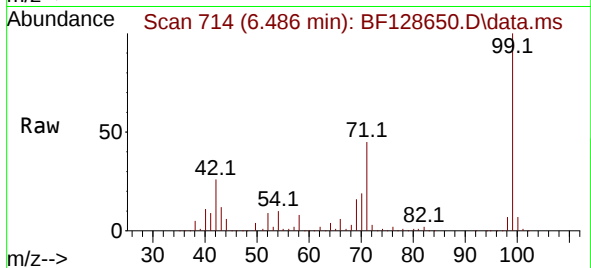




#7
Phenol-d6
Concen: 85.091 ng
RT: 6.486 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10

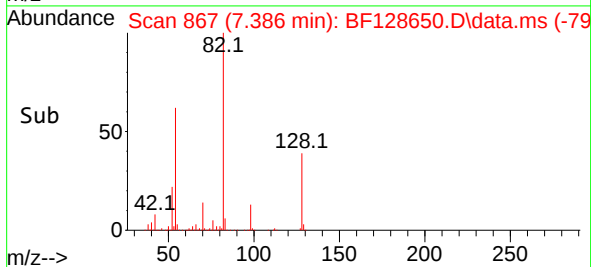
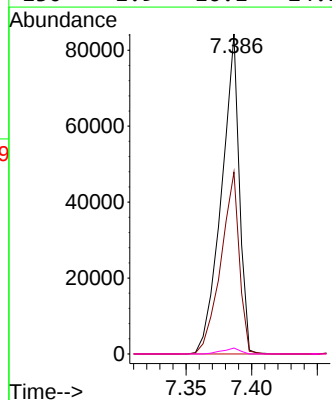
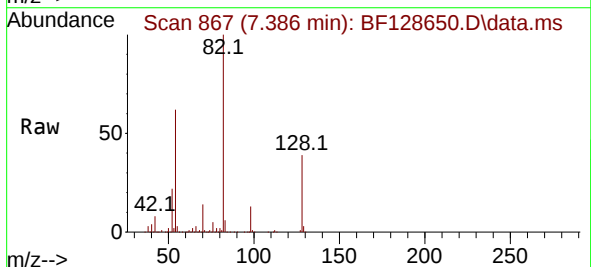
Instrument :
BNA_F
ClientSampleId :
P015-SS002-2430-01

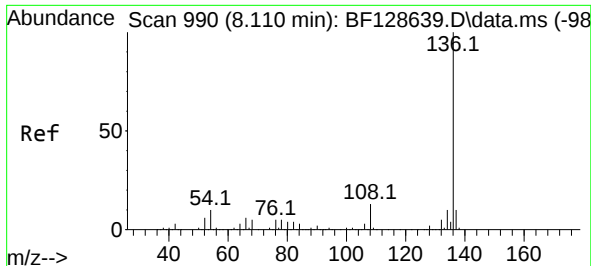
Tgt Ion: 99 Resp: 757253
Ion Ratio Lower Upper
99 100
42 26.0 17.3 25.9#
71 45.5 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 14.387 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10

Tgt Ion: 70 Resp: 79607
Ion Ratio Lower Upper
70 100
42 56.8 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

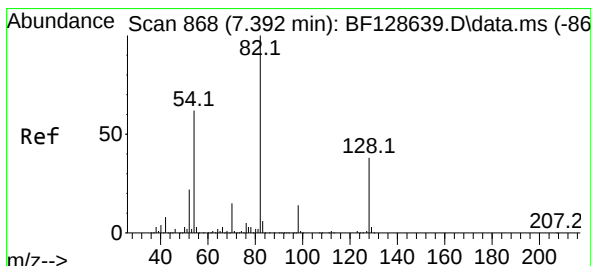
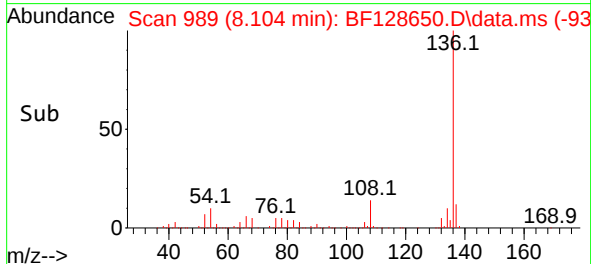
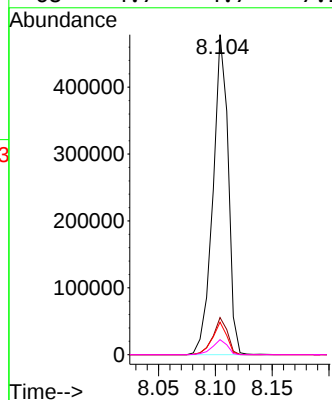
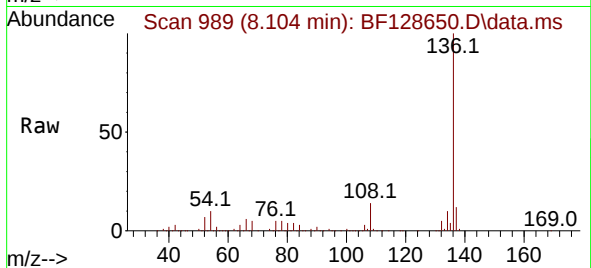




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10

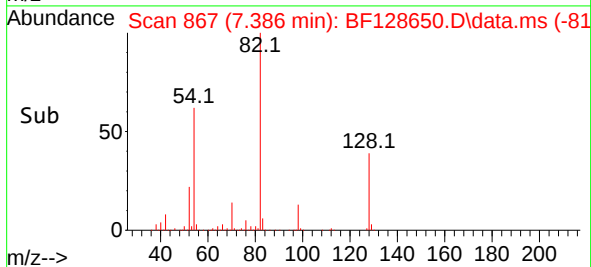
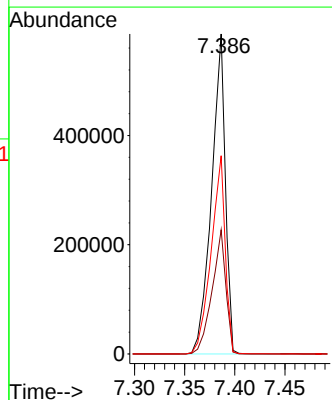
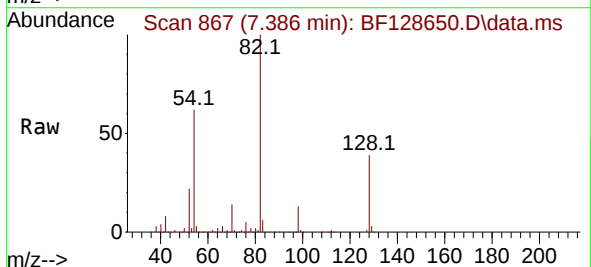
Instrument :
BNA_F
ClientSampleId :
P015-SS002-2430-01

Tgt Ion:	136	Resp:	445950
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	10.1	7.5	11.3
68	4.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 58.731 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10

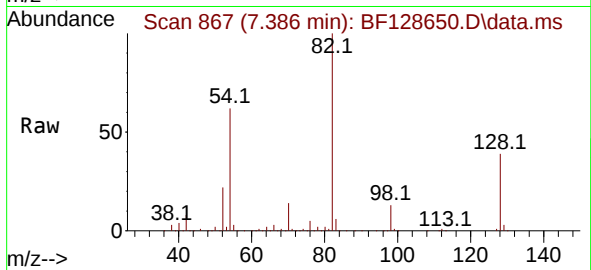
Tgt Ion:	82	Resp:	562539
Ion	Ratio	Lower	Upper
82	100		
128	38.8	34.0	51.0
54	62.0	46.9	70.3



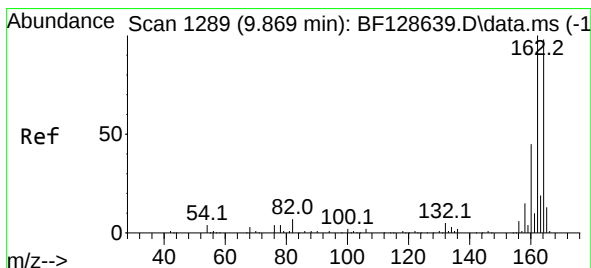
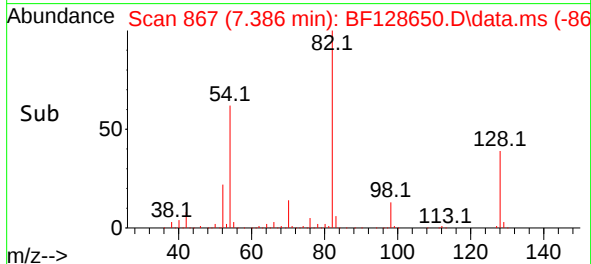
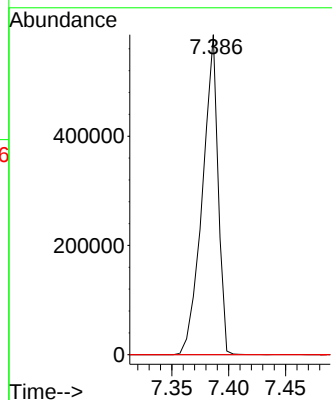


#25
Isophorone
Concen: 38.551 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10

Instrument :
BNA_F
ClientSampleId :
P015-SS002-2430-01

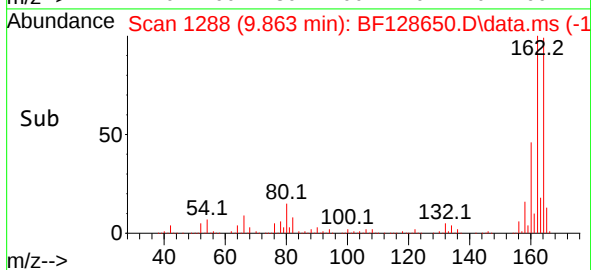
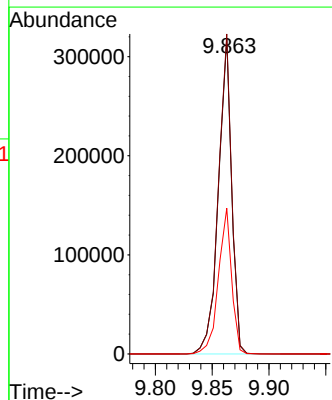
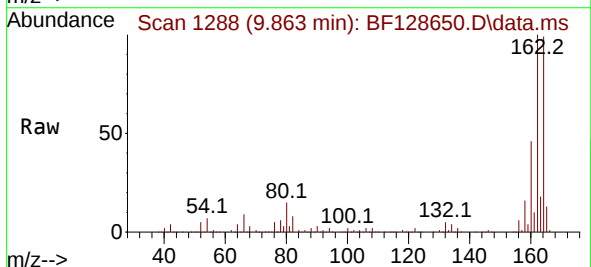


Tgt Ion: 82 Resp: 560806
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10

Tgt Ion:164 Resp: 259896
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 46.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 63.301 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128650.D

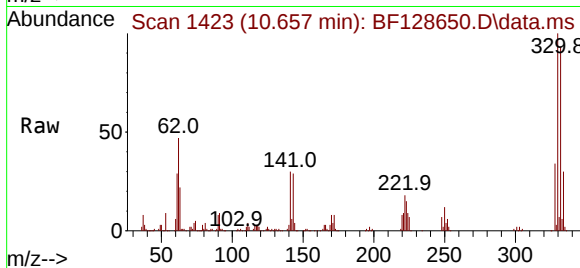
Acq: 02 Jun 2022 21:10

Instrument :

BNA_F

ClientSampleId :

P015-SS002-2430-01



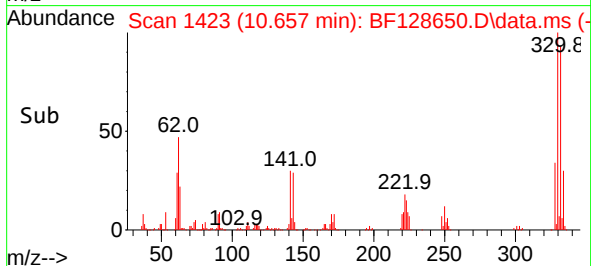
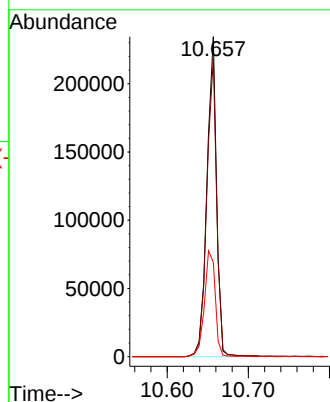
Tgt Ion:330 Resp: 194386

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

141 36.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 56.753 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128650.D

Acq: 02 Jun 2022 21:10

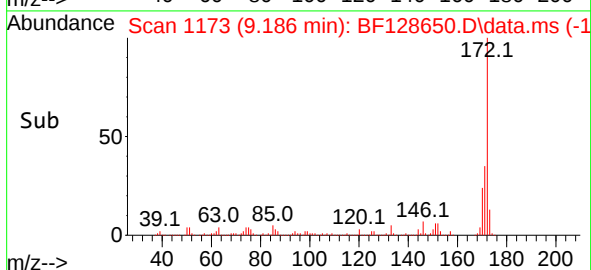
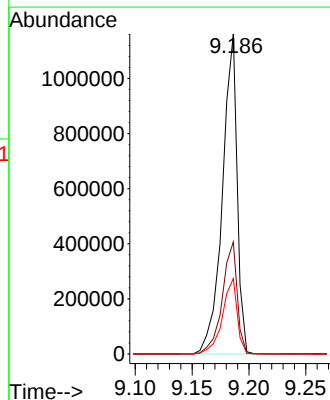
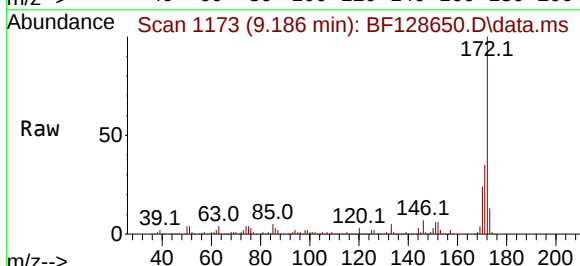
Tgt Ion:172 Resp: 1052958

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.6 19.8 29.8

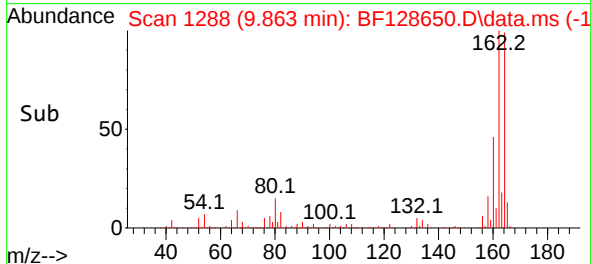
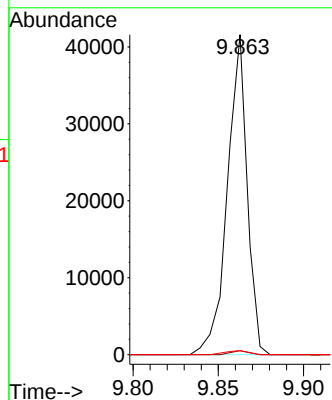
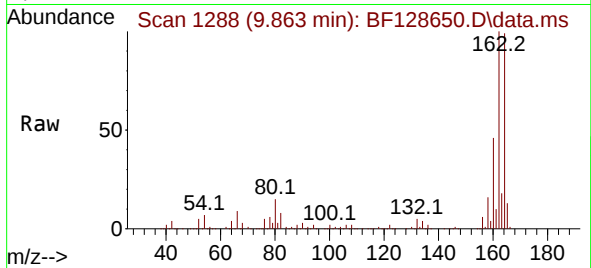




#51
2,6-Dinitrotoluene
Concen: 9.566 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10

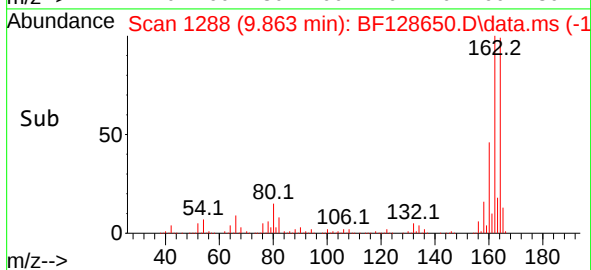
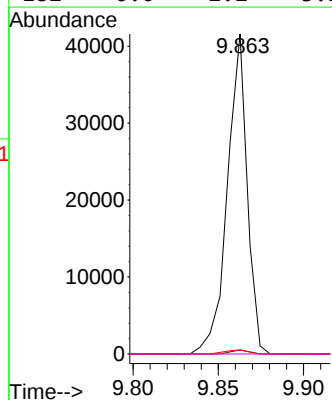
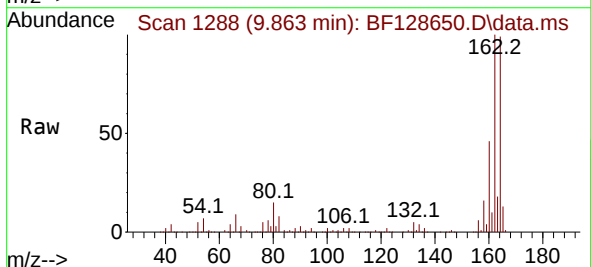
Instrument :
BNA_F
ClientSampleId :
P015-SS002-2430-01

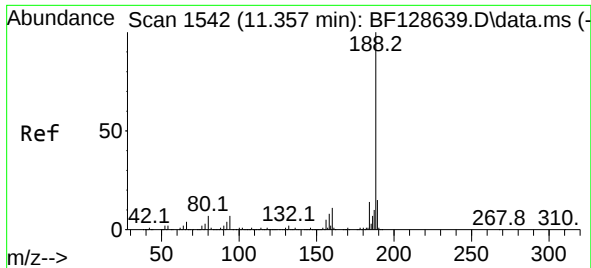
Tgt Ion:165 Resp: 33587
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.168 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10

Tgt Ion:165 Resp: 33587
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#

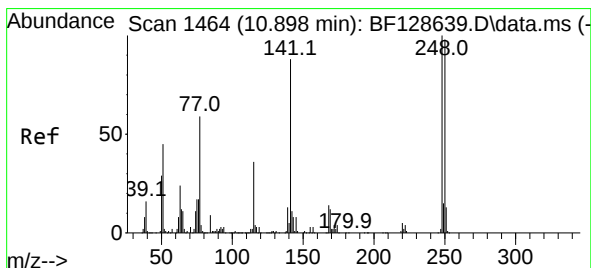
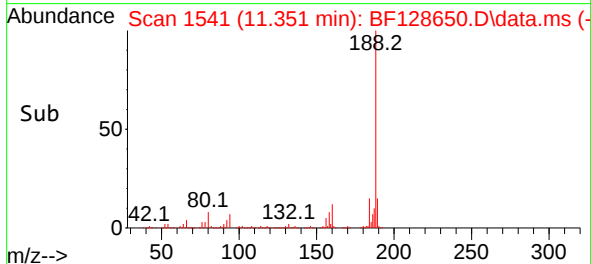
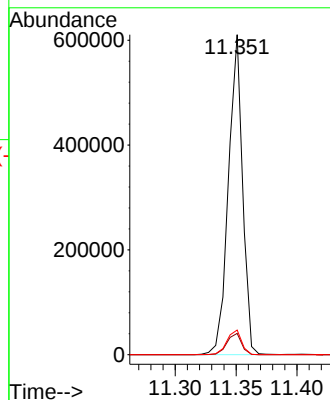
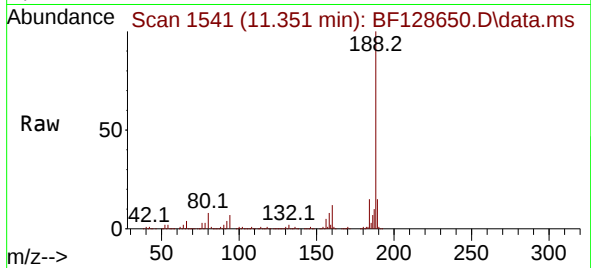




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10

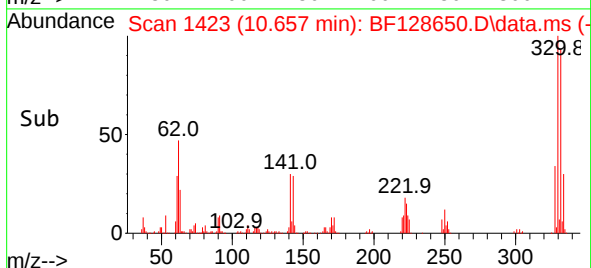
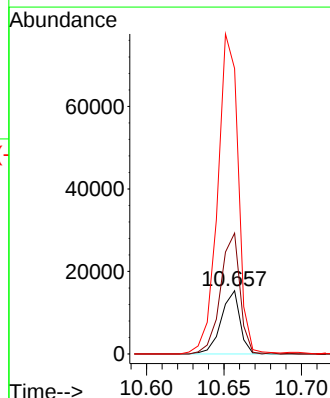
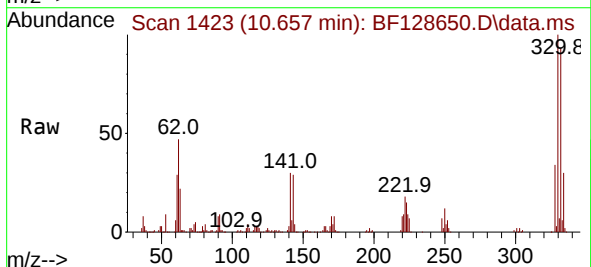
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BNA_F
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P015-SS002-2430-01

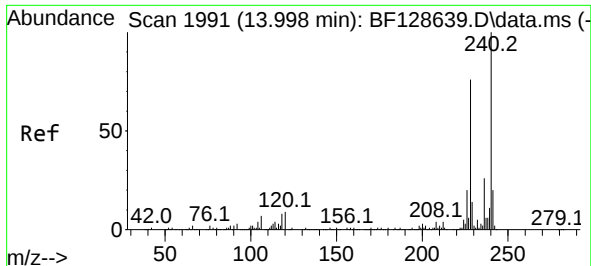
Tgt Ion:188 Resp: 495098
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 7.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.353 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10

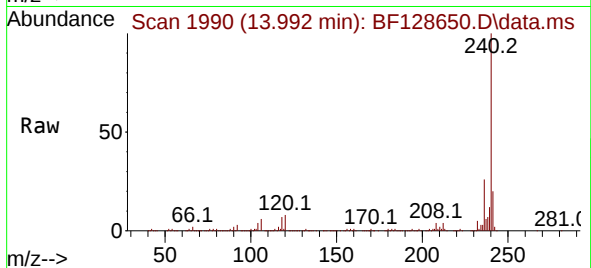
Tgt Ion:248 Resp: 12989
Ion Ratio Lower Upper
248 100
250 190.9 80.6 120.8#
141 451.1 58.9 88.3#



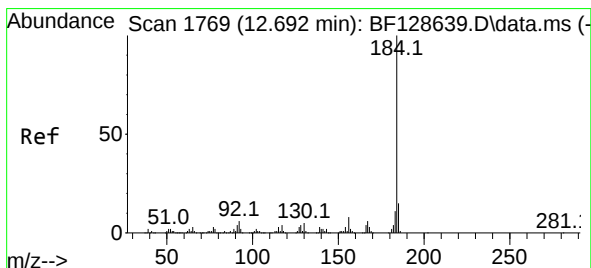
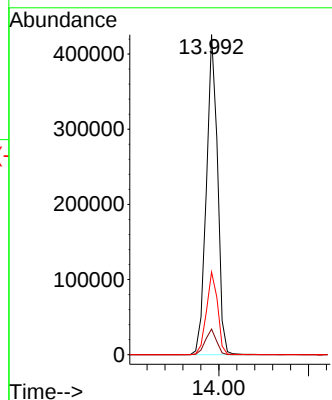
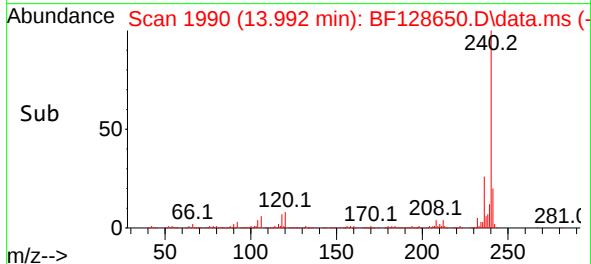


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10

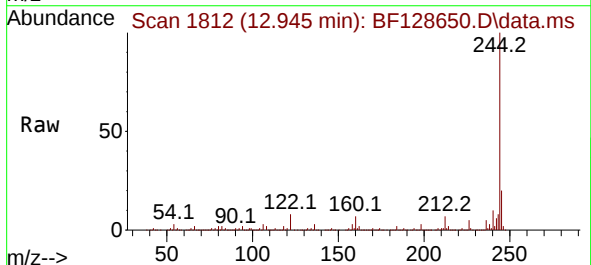
Instrument :
BNA_F
ClientSampleId :
P015-SS002-2430-01



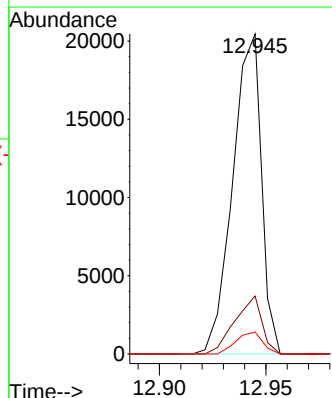
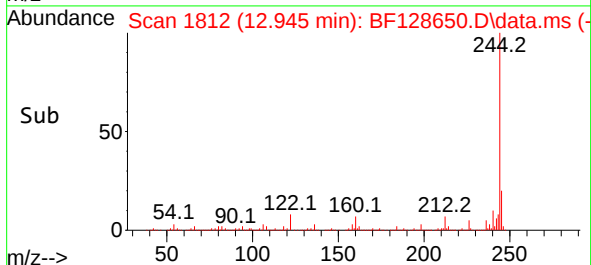
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Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 25.9 20.8 31.2

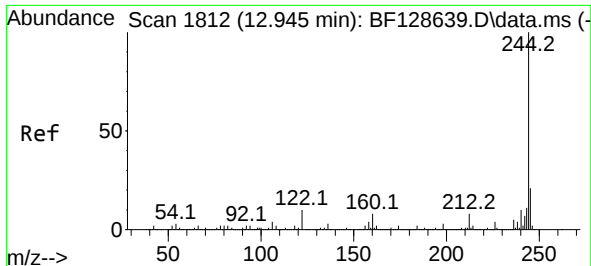


#77
Benzidine
Concen: 2.624 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.253 min
Lab File: BF128650.D
Acq: 02 Jun 2022 21:10



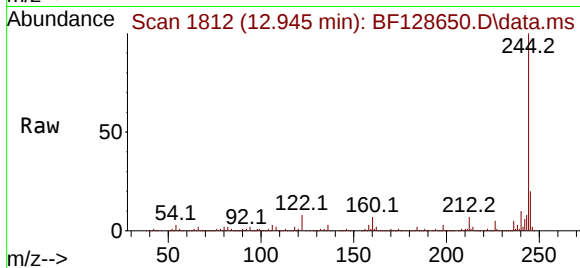
Tgt Ion:184 Resp: 19202
Ion Ratio Lower Upper
184 100
185 18.1 11.9 17.9#
183 6.8 9.3 13.9#



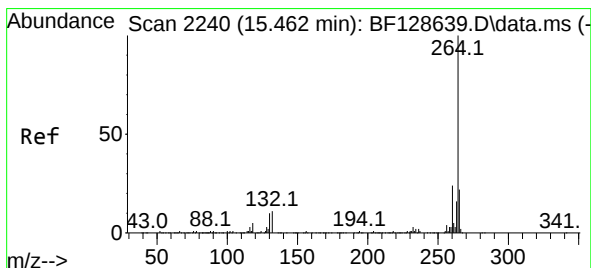
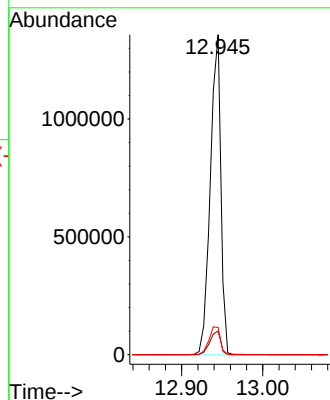
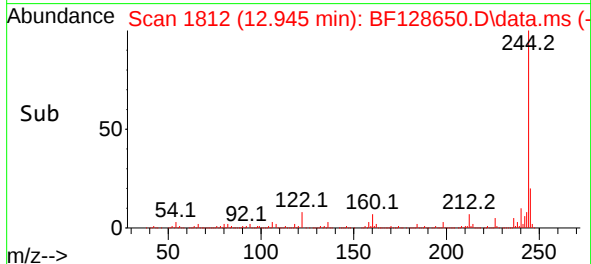


#79
 Terphenyl-d14
 Concen: 57.711 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.000 min
 Lab File: BF128650.D
 Acq: 02 Jun 2022 21:10

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS002-2430-01



Tgt Ion:244 Resp: 1219240
 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: 15.457 min Scan# 2239
 Delta R.T. -0.005 min
 Lab File: BF128650.D
 Acq: 02 Jun 2022 21:10

Tgt Ion:264 Resp: 280296
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.4 27.6
 265 21.9 17.2 25.8

