

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128662.D
 Acq On : 03 Jun 2022 03:08
 Operator : CG\JU
 Sample : N2988-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS005-0006-01

Quant Time: Jun 03 04:06:37 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)

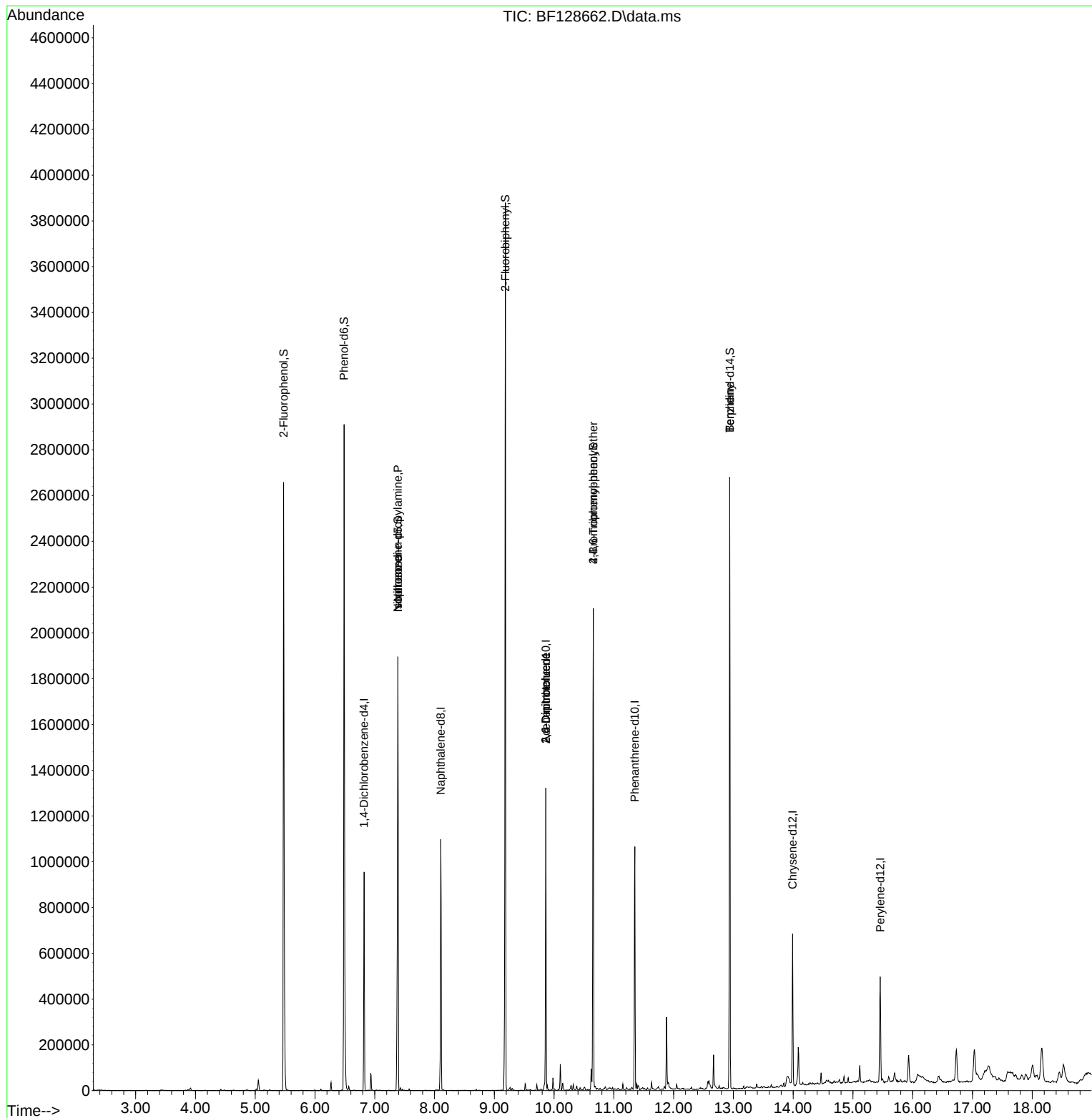
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	113987	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	432626	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	227526	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	370607	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	209023	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	200548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	633187	88.480	ng	0.00
7) Phenol-d6	6.487	99	802992	91.924	ng	-0.01
23) Nitrobenzene-d5	7.387	82	589456	63.436	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	223592	83.171	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1073668	66.102	ng	0.00
79) Terphenyl-d14	12.939	244	830954	69.078	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	85710	15.781	ng	# 81
25) Isophorone	7.387	82	588796	41.721	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	29365	9.553	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	29365	7.159	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	15295	3.701	ng	# 1
77) Benzidine	12.939	184	13719	3.292	ng	# 94

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

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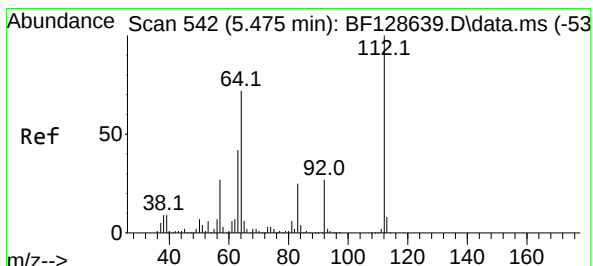
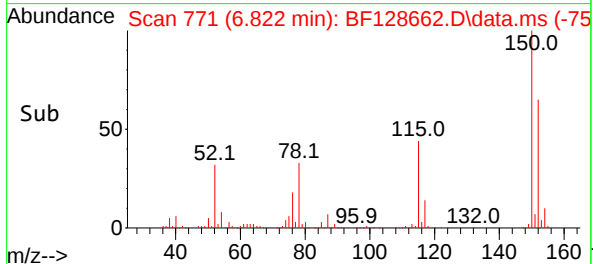
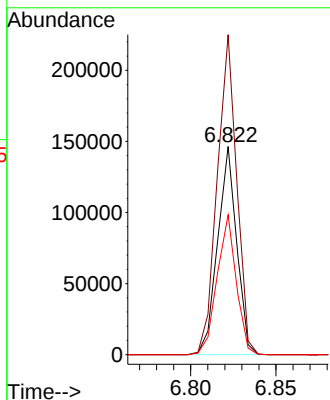
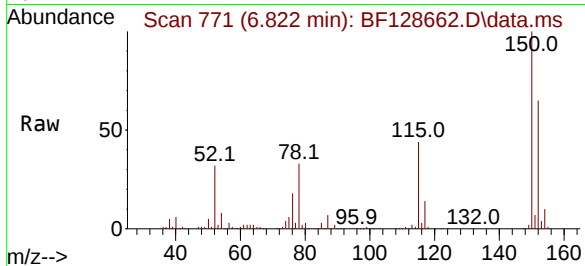




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF128662.D
Acq: 03 Jun 2022 03:08

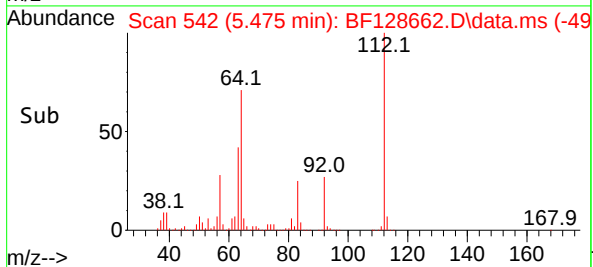
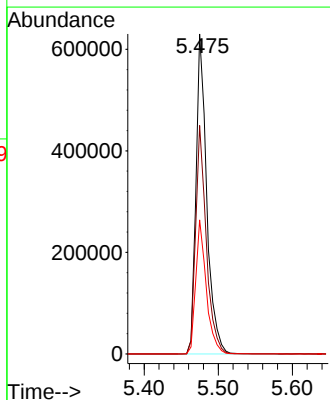
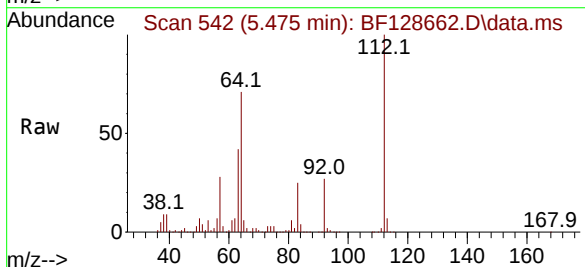
Instrument :
BNA_F
ClientSampleId :
P015-SS005-0006-01

Tgt Ion:152 Resp: 113987
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 67.2 49.9 74.9



#5
2-Fluorophenol
Concen: 88.480 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128662.D
Acq: 03 Jun 2022 03:08

Tgt Ion:112 Resp: 633187
Ion Ratio Lower Upper
112 100
64 71.4 53.3 79.9
63 41.9 28.0 42.0

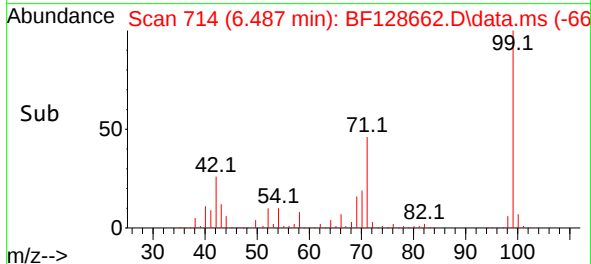
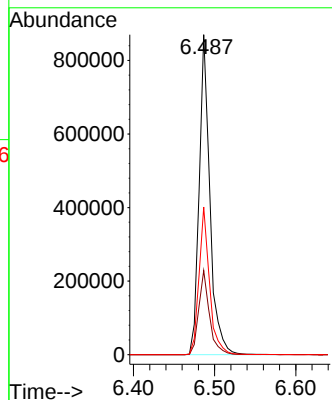
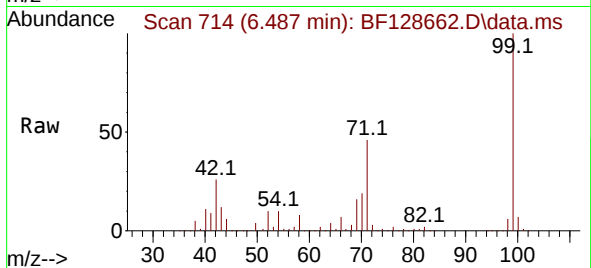




#7
Phenol-d6
Concen: 91.924 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128662.D
Acq: 03 Jun 2022 03:08

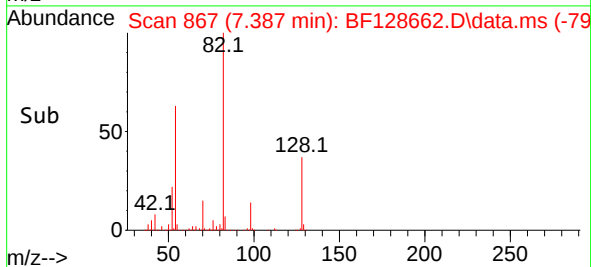
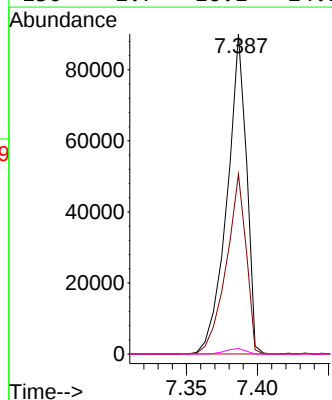
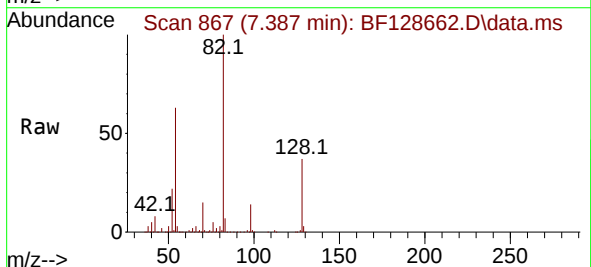
Instrument :
BNA_F
ClientSampleId :
P015-SS005-0006-01

Tgt Ion: 99 Resp: 802992
Ion Ratio Lower Upper
99 100
42 26.3 17.3 25.9#
71 46.2 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.781 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128662.D
Acq: 03 Jun 2022 03:08

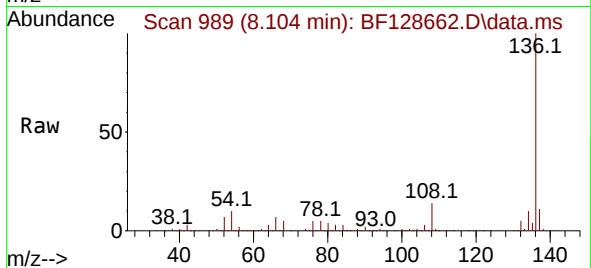
Tgt Ion: 70 Resp: 85710
Ion Ratio Lower Upper
70 100
42 56.2 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#



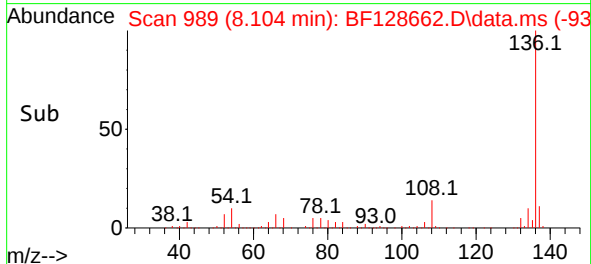
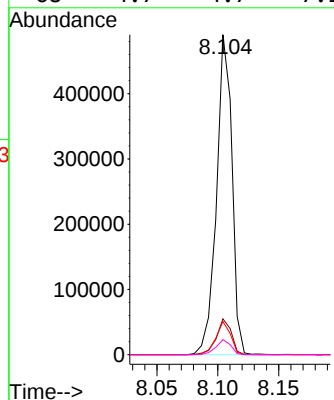


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128662.D
Acq: 03 Jun 2022 03:08

Instrument :
BNA_F
ClientSampleId :
P015-SS005-0006-01

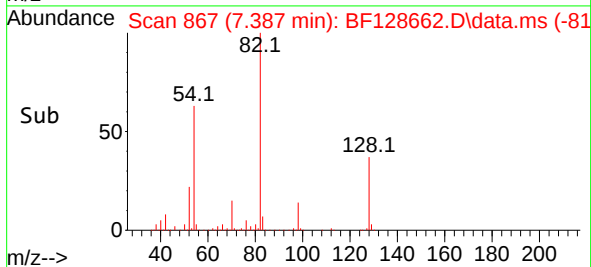
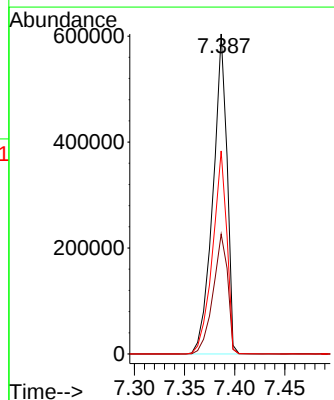
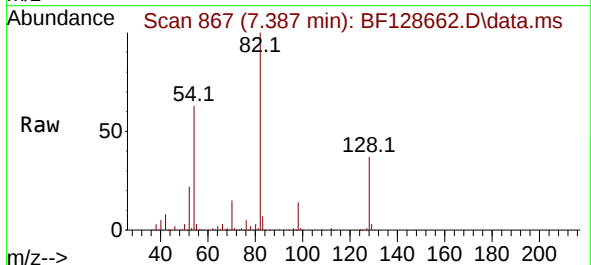


Tgt Ion:136 Resp: 432626
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.3 7.5 11.3
68 4.7 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 63.436 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128662.D
Acq: 03 Jun 2022 03:08

Tgt Ion: 82 Resp: 589456
Ion Ratio Lower Upper
82 100
128 37.4 34.0 51.0
54 63.4 46.9 70.3

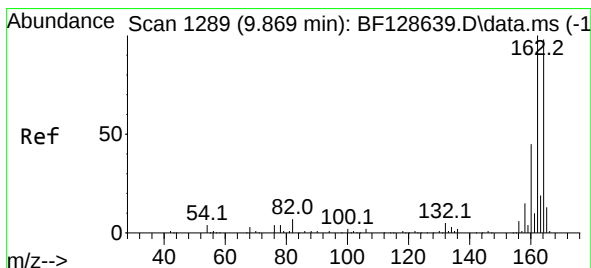
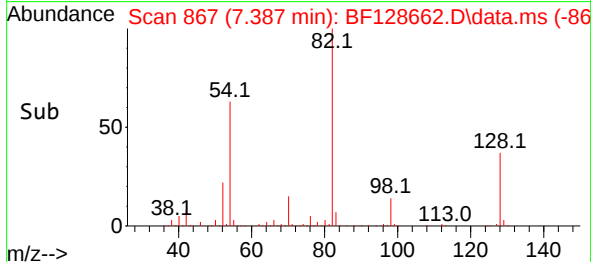
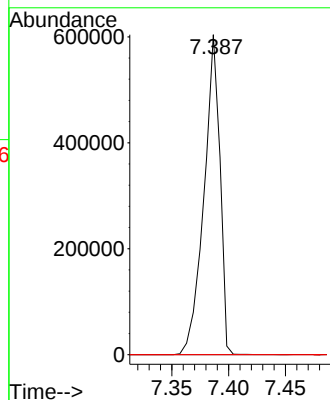
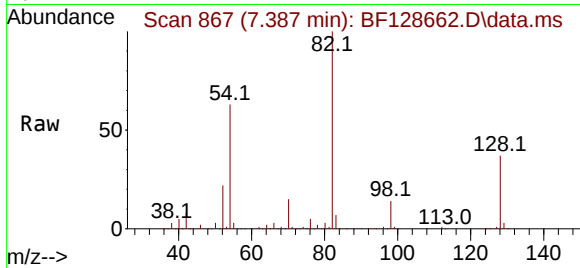




#25
Isophorone
Concen: 41.721 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128662.D
Acq: 03 Jun 2022 03:08

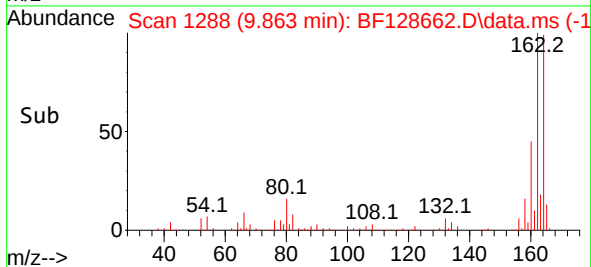
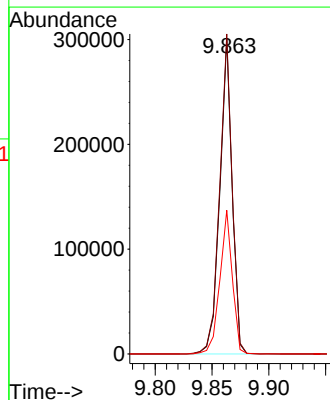
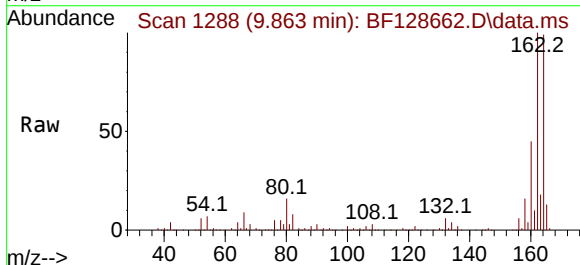
Instrument :
BNA_F
ClientSampleId :
P015-SS005-0006-01

Tgt Ion: 82 Resp: 588796
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: BF128662.D
Acq: 03 Jun 2022 03:08

Tgt Ion:164 Resp: 227526
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 45.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 83.171 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128662.D

Acq: 03 Jun 2022 03:08

Instrument :

BNA_F

ClientSampleId :

P015-SS005-0006-01

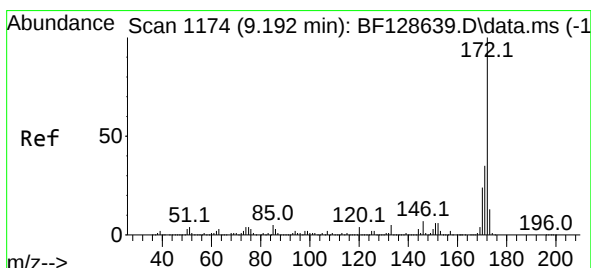
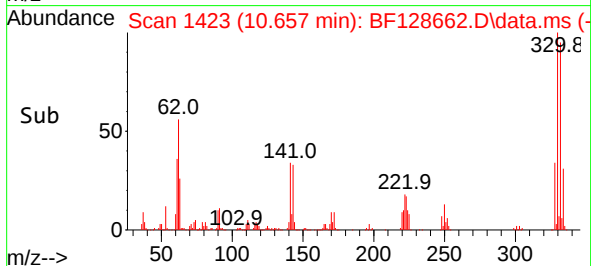
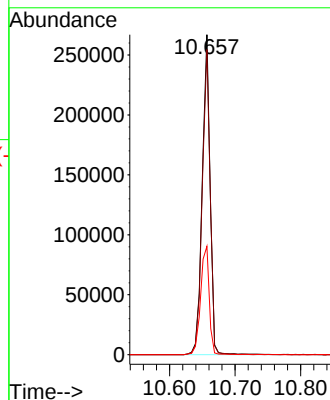
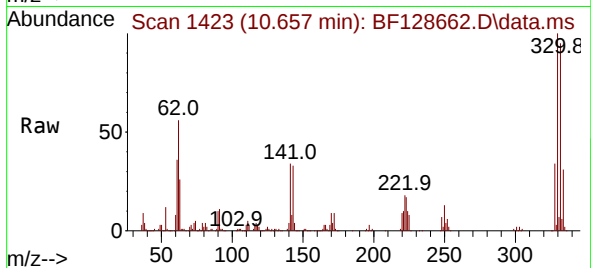
Tgt Ion:330 Resp: 223592

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 37.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 66.102 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128662.D

Acq: 03 Jun 2022 03:08

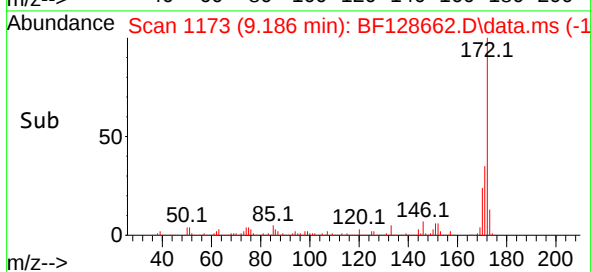
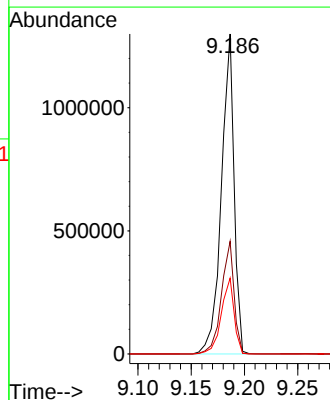
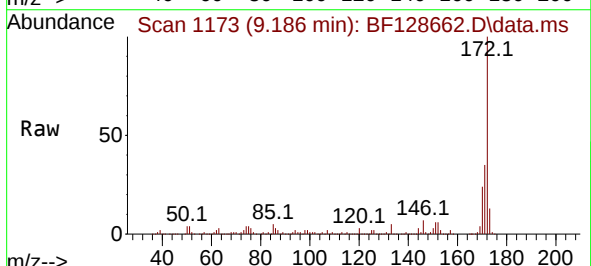
Tgt Ion:172 Resp: 1073668

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.553 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128662.D

Acq: 03 Jun 2022 03:08

Instrument :

BNA_F

ClientSampleId :

P015-SS005-0006-01

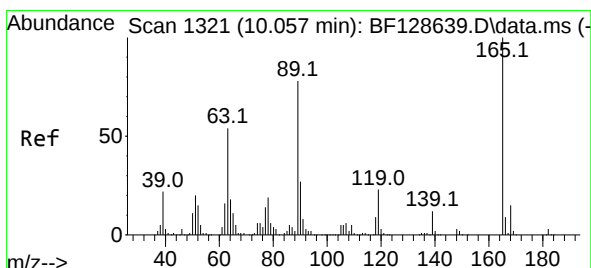
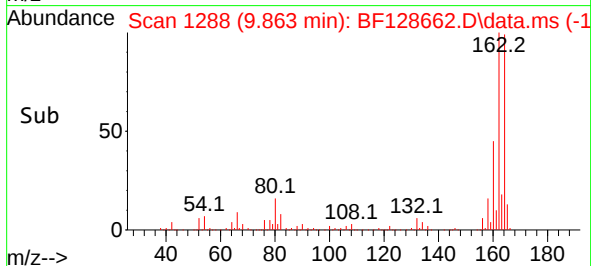
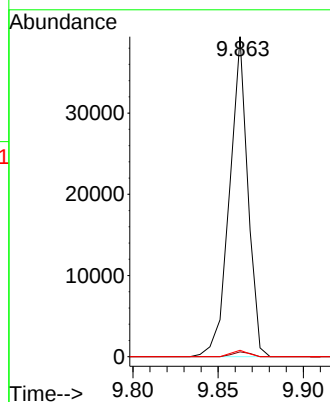
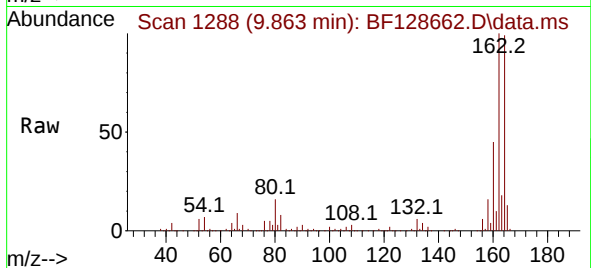
Tgt Ion:165 Resp: 29365

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 2.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.159 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128662.D

Acq: 03 Jun 2022 03:08

Tgt Ion:165 Resp: 29365

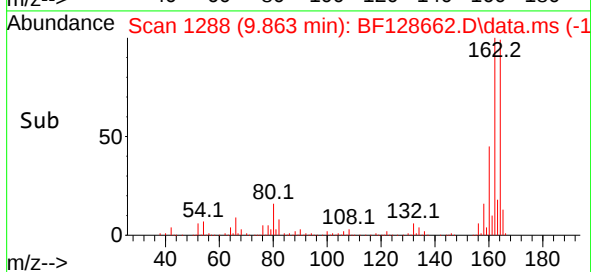
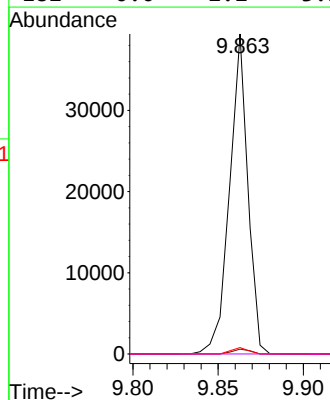
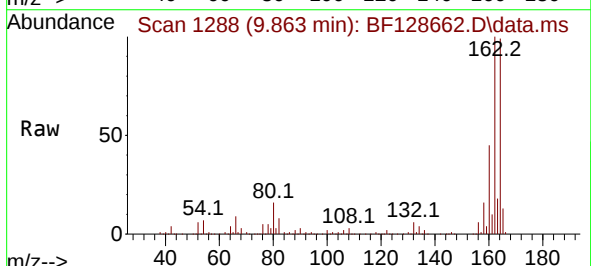
Ion Ratio Lower Upper

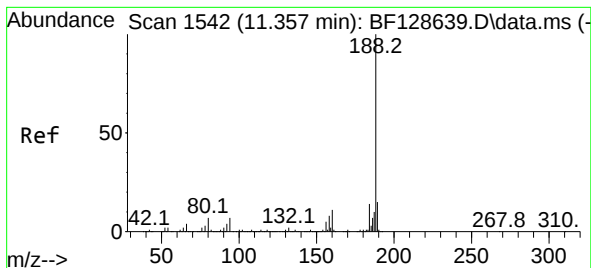
165 100

63 1.5 39.8 59.6#

89 2.0 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: BF128662.D

Acq: 03 Jun 2022 03:08

Instrument :

BNA_F

ClientSampleId :

P015-SS005-0006-01

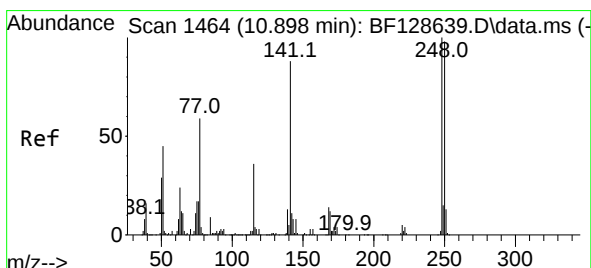
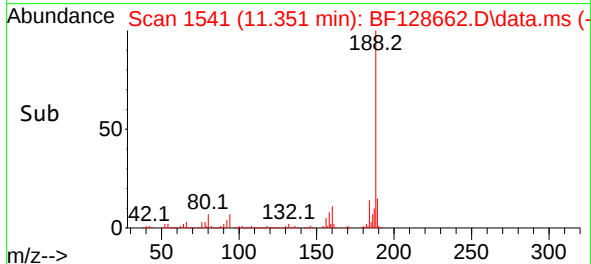
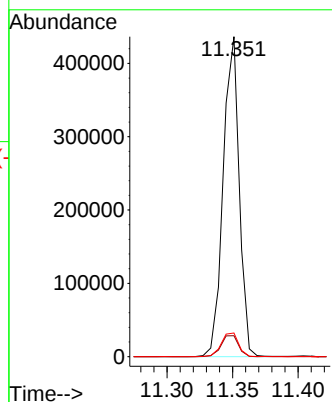
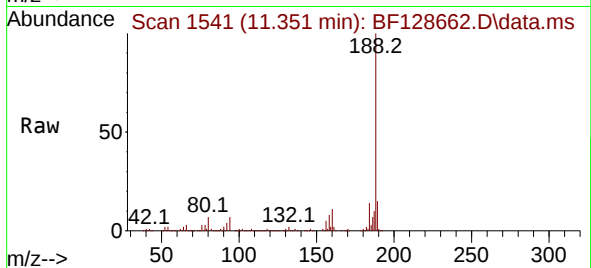
Tgt Ion:188 Resp: 370607

Ion Ratio Lower Upper

188 100

94 6.6 7.0 10.6#

80 7.4 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.701 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.241 min

Lab File: BF128662.D

Acq: 03 Jun 2022 03:08

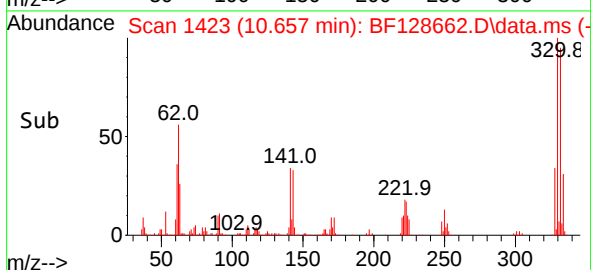
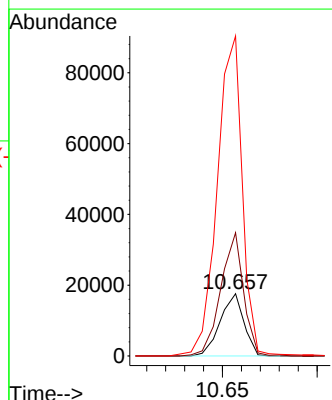
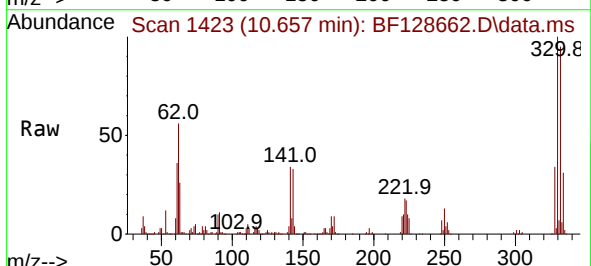
Tgt Ion:248 Resp: 15295

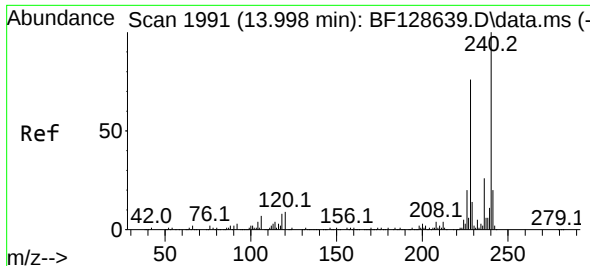
Ion Ratio Lower Upper

248 100

250 197.8 80.6 120.8#

141 513.6 58.9 88.3#

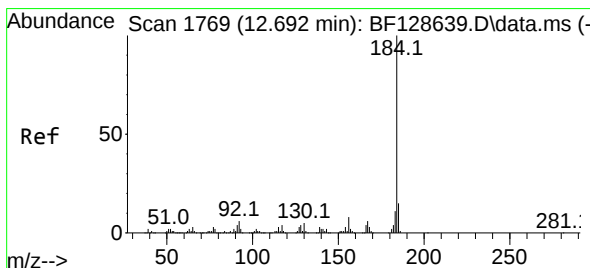
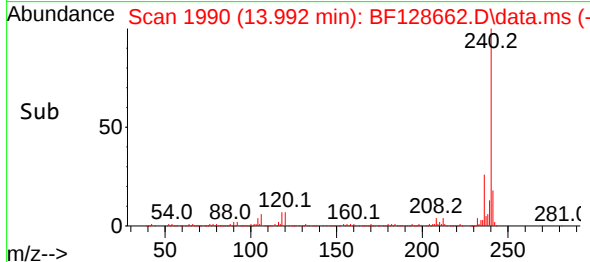
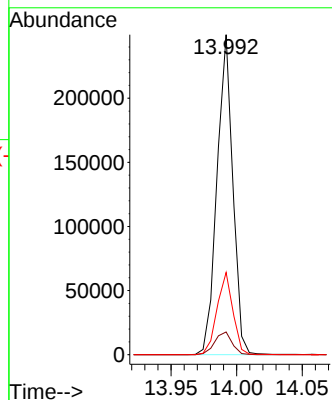
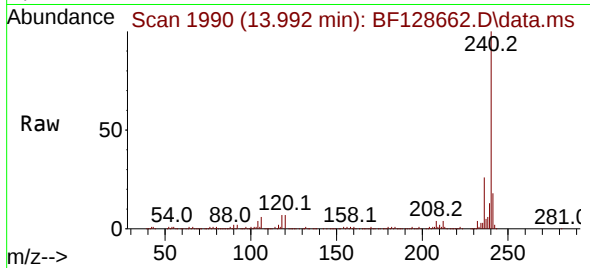




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128662.D
Acq: 03 Jun 2022 03:08

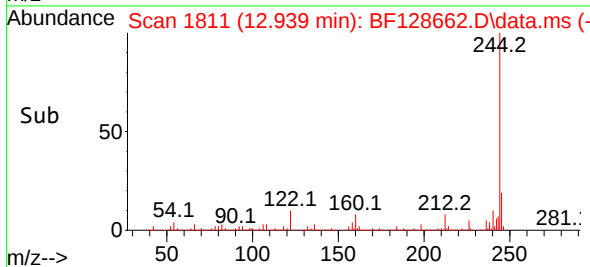
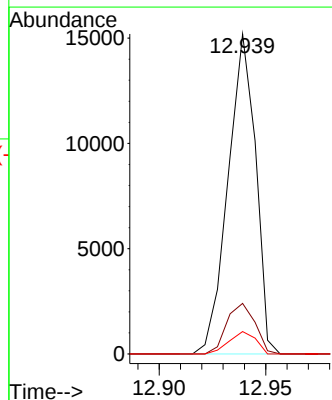
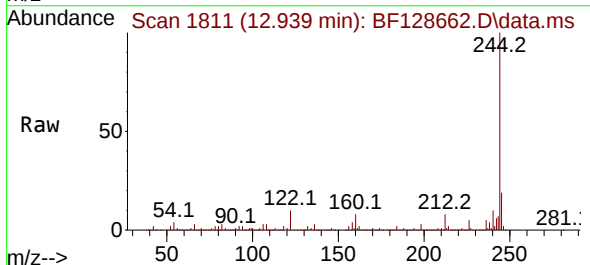
Instrument :
BNA_F
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P015-SS005-0006-01

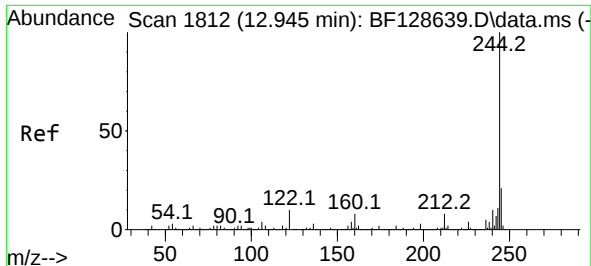
Tgt Ion:240 Resp: 209023
Ion Ratio Lower Upper
240 100
120 7.1 8.9 13.3#
236 25.7 20.8 31.2



#77
Benzidine
Concen: 3.292 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128662.D
Acq: 03 Jun 2022 03:08

Tgt Ion:184 Resp: 13719
Ion Ratio Lower Upper
184 100
185 15.8 11.9 17.9
183 7.0 9.3 13.9#

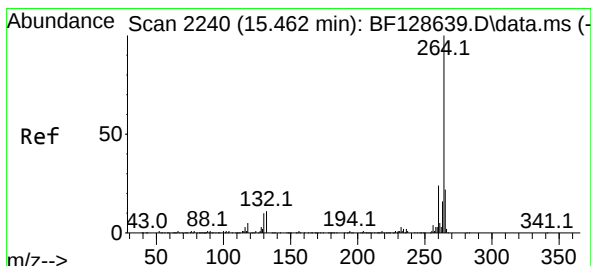
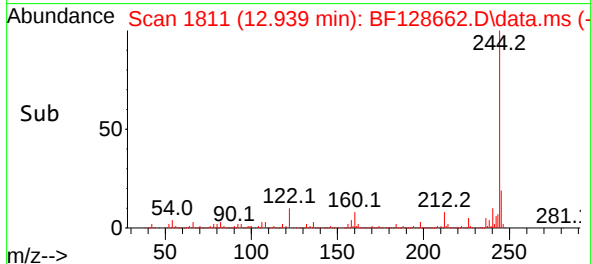
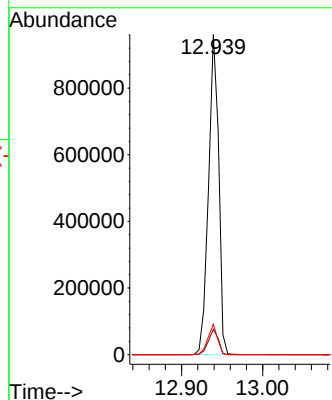
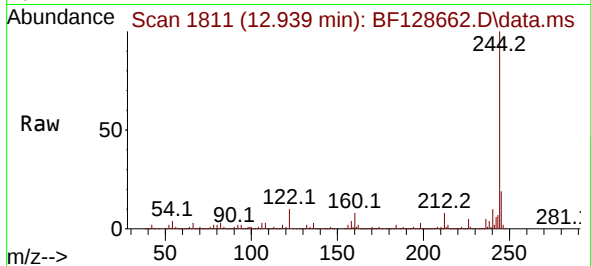




#79
 Terphenyl-d14
 Concen: 69.078 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128662.D
 Acq: 03 Jun 2022 03:08

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS005-0006-01

Tgt Ion:244 Resp: 830954
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 9.5 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: BF128662.D
 Acq: 03 Jun 2022 03:08

Tgt Ion:264 Resp: 200548
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 20.8 17.2 25.8

