

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128692.D
 Acq On : 06 Jun 2022 11:19
 Operator : CG\JU
 Sample : PB145300BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145300BL

Quant Time: Jun 07 02:41:45 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)

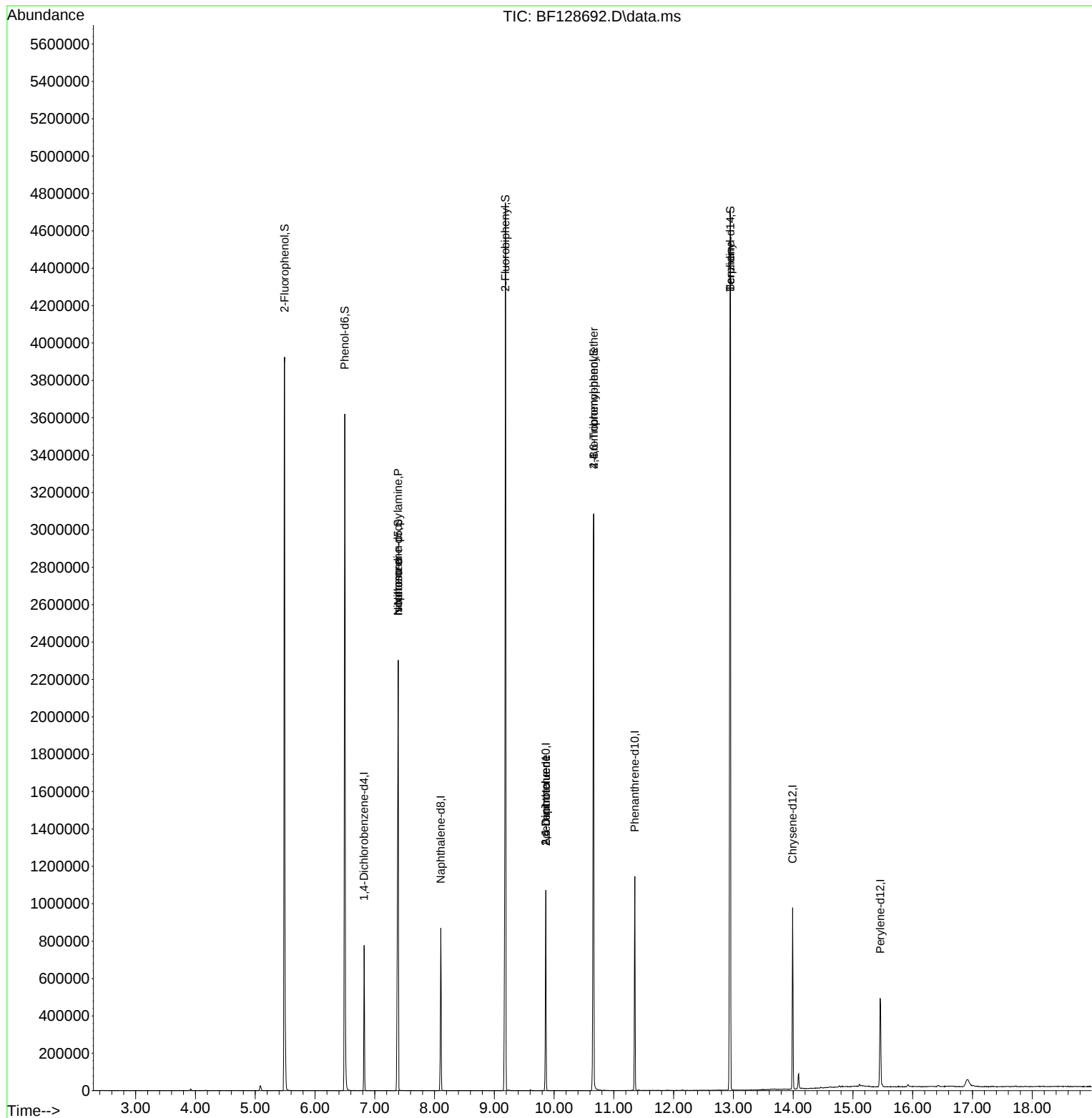
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	95249	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	358785	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	206402	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	386343	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	304416	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	221738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	984623	164.657	ng	0.02
7) Phenol-d6	6.498	99	1146927	157.125	ng	0.00
23) Nitrobenzene-d5	7.392	82	829376	107.626	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	387689	158.971	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1600433	108.618	ng	0.00
79) Terphenyl-d14	12.951	244	1879653	107.292	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.392	70	119455	26.321	ng	# 79
25) Isophorone	7.392	82	828095	70.754	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	26318	9.438	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	26318	7.072	ng	# 22
67) 4-Bromophenyl-phenylether	10.663	248	25697	5.964	ng	# 1
77) Benzidine	12.951	184	28839	4.752	ng	# 92

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

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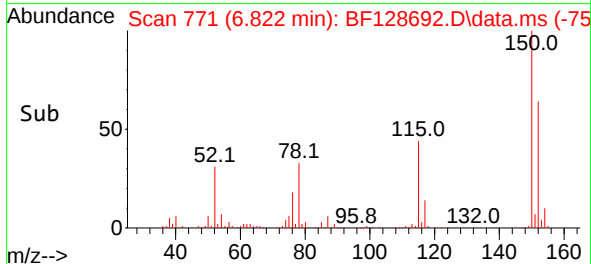
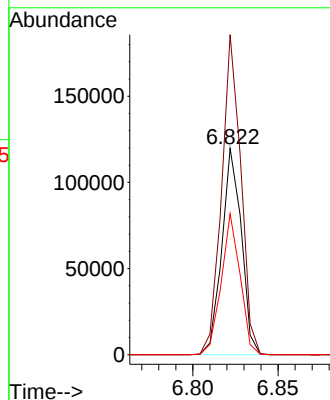
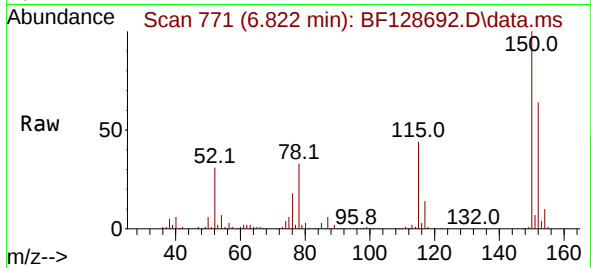




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128692.D
Acq: 06 Jun 2022 11:19

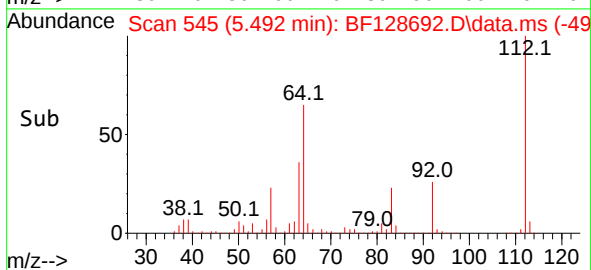
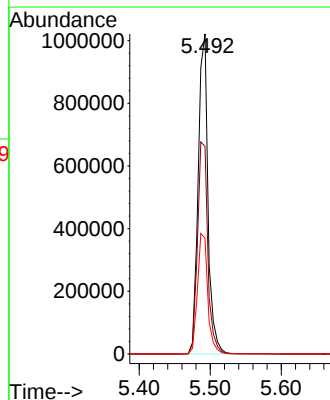
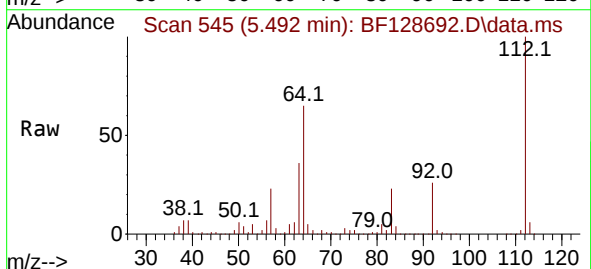
Instrument :
BNA_F
ClientSampleId :
PB145300BL

Tgt Ion:152 Resp: 95249
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 68.3 49.9 74.9



#5
2-Fluorophenol
Concen: 164.657 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.017 min
Lab File: BF128692.D
Acq: 06 Jun 2022 11:19

Tgt Ion:112 Resp: 984623
Ion Ratio Lower Upper
112 100
64 64.8 53.3 79.9
63 36.2 28.0 42.0

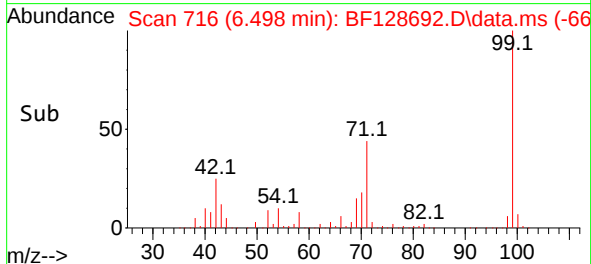
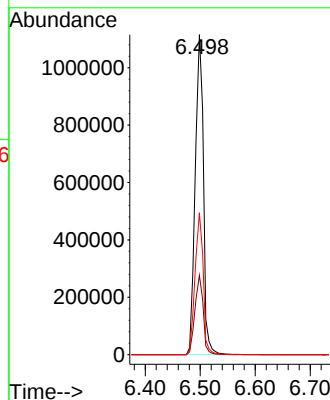
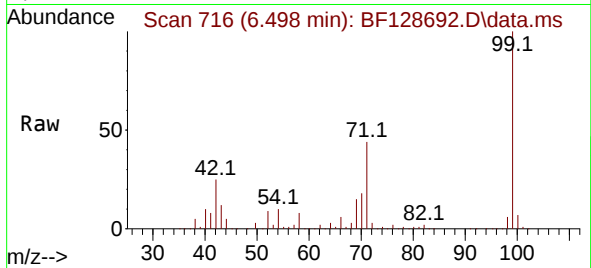




#7
Phenol-d6
Concen: 157.125 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128692.D
Acq: 06 Jun 2022 11:19

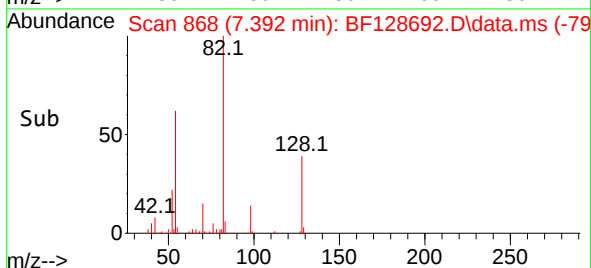
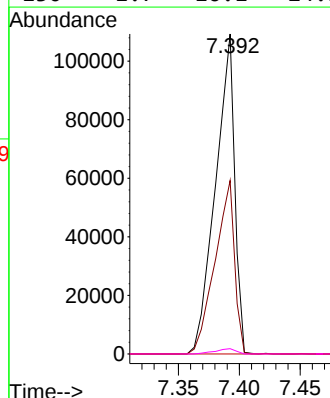
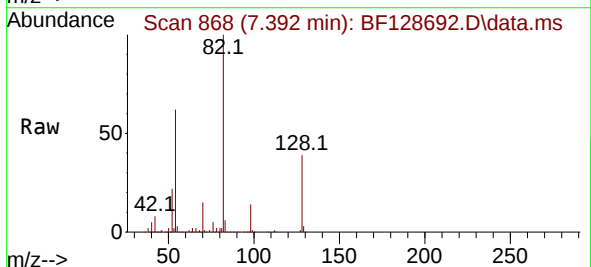
Instrument :
BNA_F
ClientSampleId :
PB145300BL

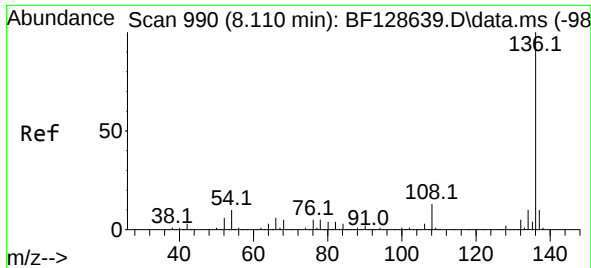
Tgt Ion: 99 Resp: 1146927
Ion Ratio Lower Upper
99 100
42 24.8 17.3 25.9
71 44.4 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 26.321 ng
RT: 7.392 min Scan# 868
Delta R.T. 0.147 min
Lab File: BF128692.D
Acq: 06 Jun 2022 11:19

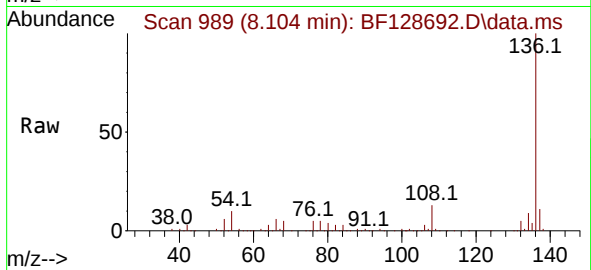
Tgt Ion: 70 Resp: 119455
Ion Ratio Lower Upper
70 100
42 54.2 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#



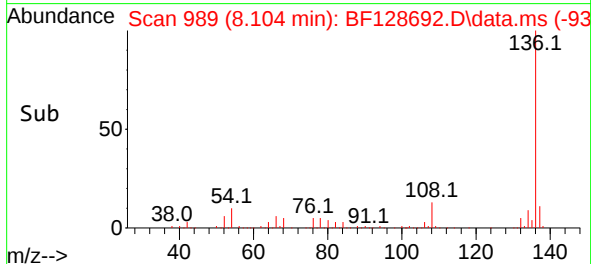
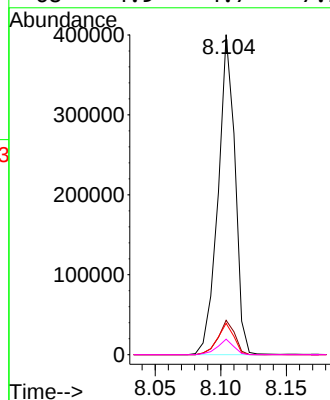


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128692.D
Acq: 06 Jun 2022 11:19

Instrument :
BNA_F
ClientSampleId :
PB145300BL

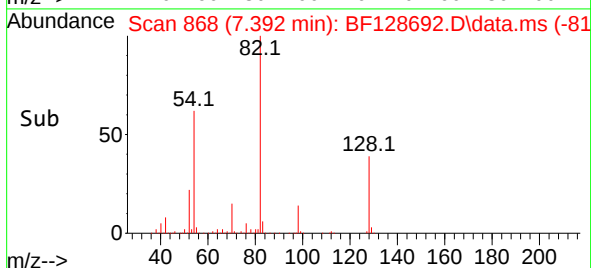
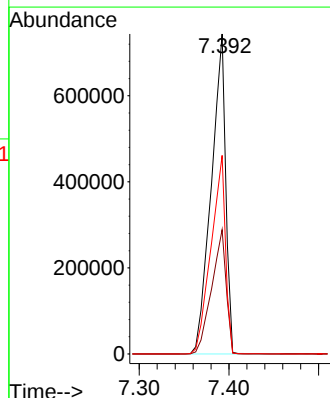
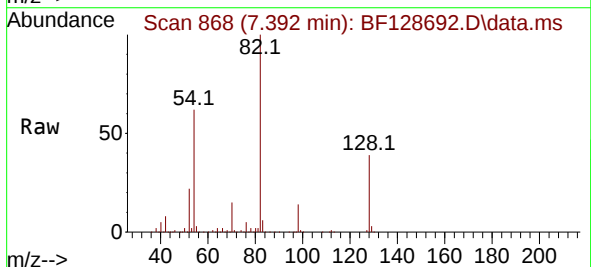


Tgt Ion:136 Resp: 358785
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.8 7.5 11.3
68 4.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 107.626 ng
RT: 7.392 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF128692.D
Acq: 06 Jun 2022 11:19

Tgt Ion: 82 Resp: 829376
Ion Ratio Lower Upper
82 100
128 38.8 34.0 51.0
54 62.1 46.9 70.3

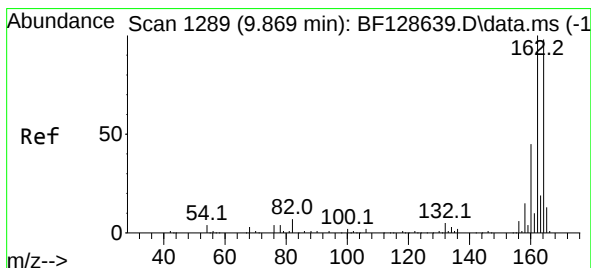
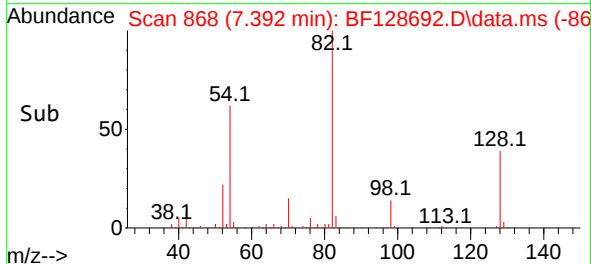
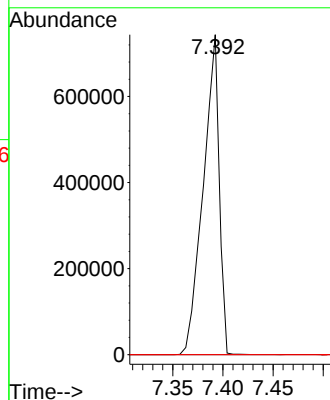
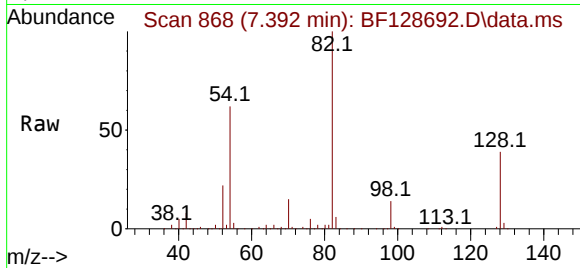




#25
Isophorone
Concen: 70.754 ng
RT: 7.392 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128692.D
Acq: 06 Jun 2022 11:19

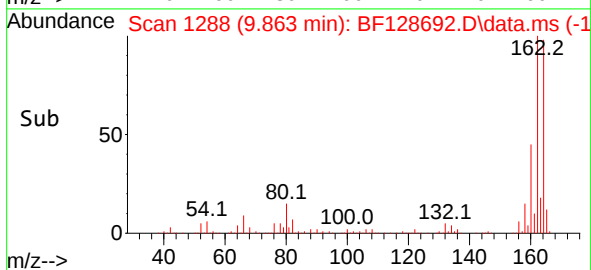
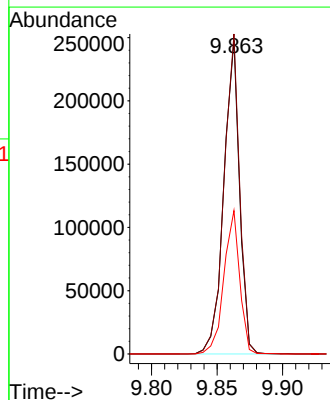
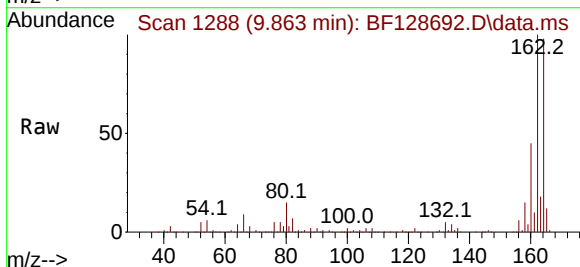
Instrument :
BNA_F
ClientSampleId :
PB145300BL

Tgt Ion: 82 Resp: 828095
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: BF128692.D
Acq: 06 Jun 2022 11:19

Tgt Ion:164 Resp: 206402
Ion Ratio Lower Upper
164 100
162 102.0 79.5 119.3
160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 158.971 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF128692.D

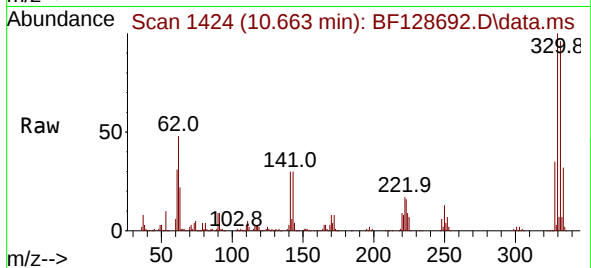
Acq: 06 Jun 2022 11:19

Instrument :

BNA_F

ClientSampleId :

PB145300BL



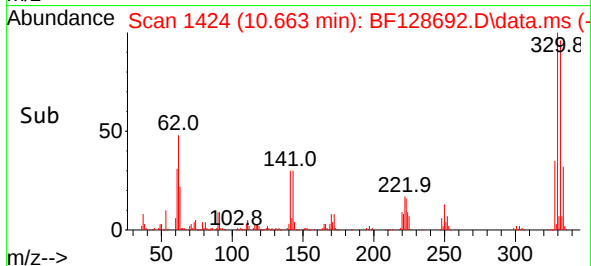
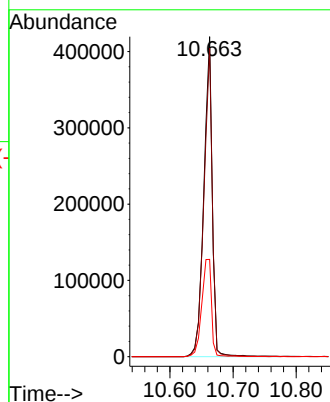
Tgt Ion:330 Resp: 387689

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 35.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 108.618 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128692.D

Acq: 06 Jun 2022 11:19

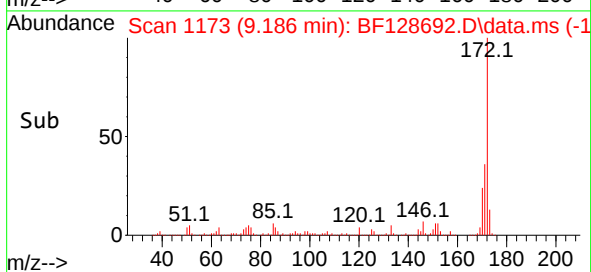
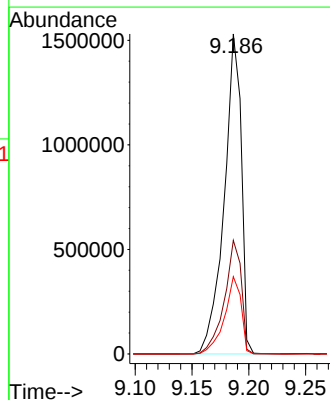
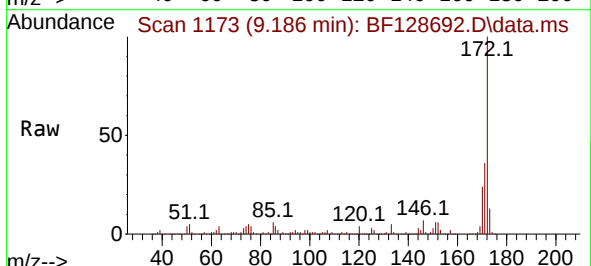
Tgt Ion:172 Resp: 1600433

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.2 19.8 29.8

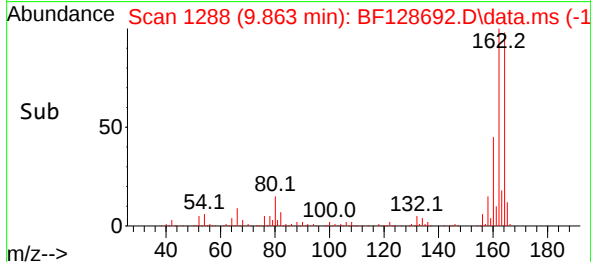
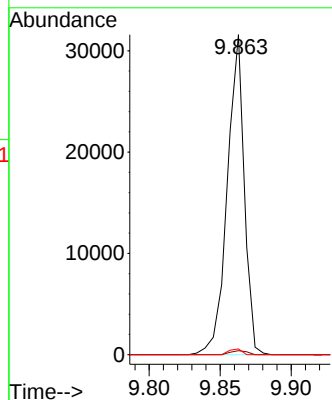
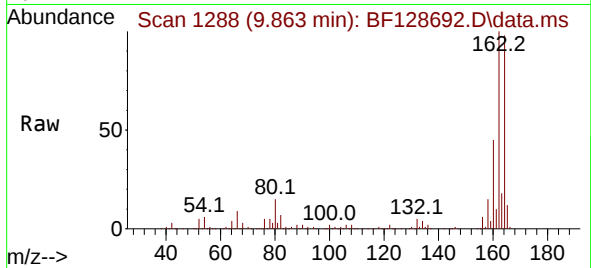




#51
2,6-Dinitrotoluene
Concen: 9.438 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128692.D
Acq: 06 Jun 2022 11:19

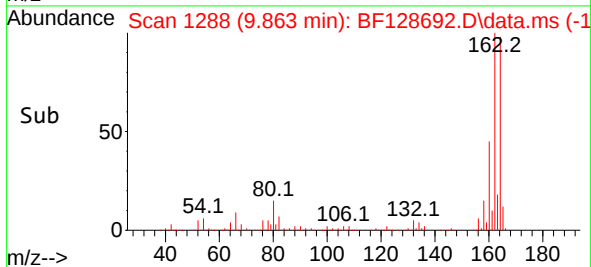
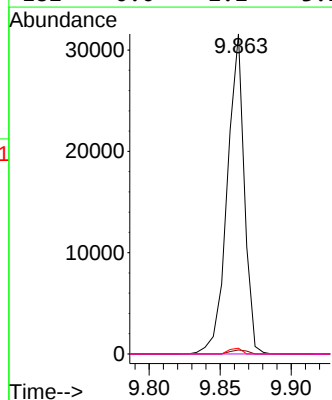
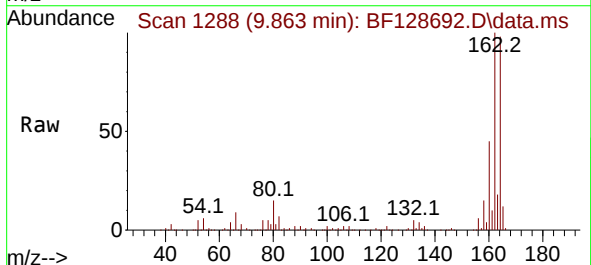
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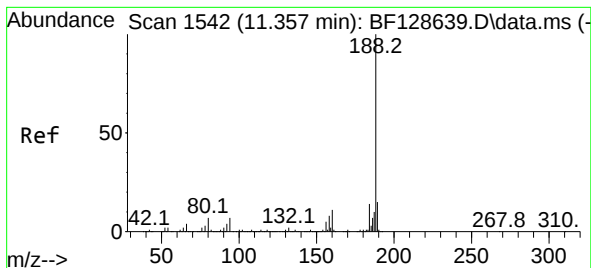
Tgt Ion:165 Resp: 26318
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.8 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.072 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128692.D
Acq: 06 Jun 2022 11:19

Tgt Ion:165 Resp: 26318
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.8 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: BF128692.D

Acq: 06 Jun 2022 11:19

Instrument :

BNA_F

ClientSampleId :

PB145300BL

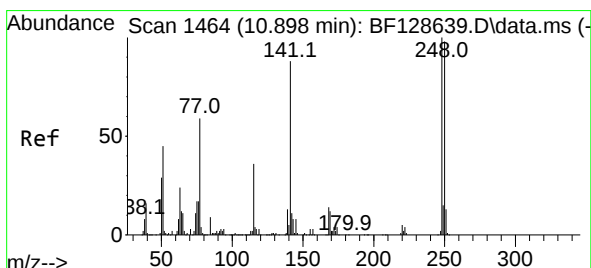
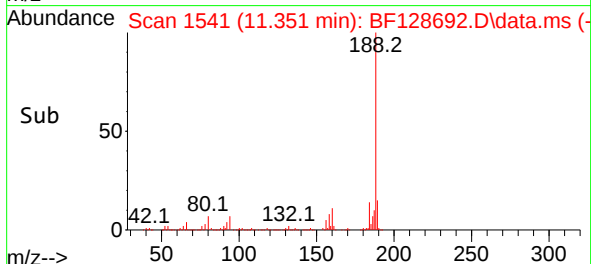
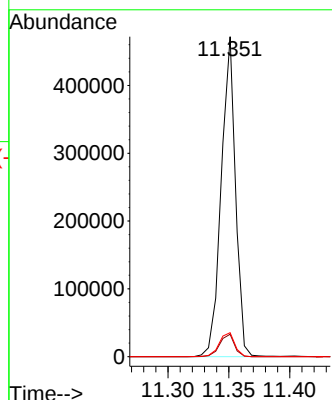
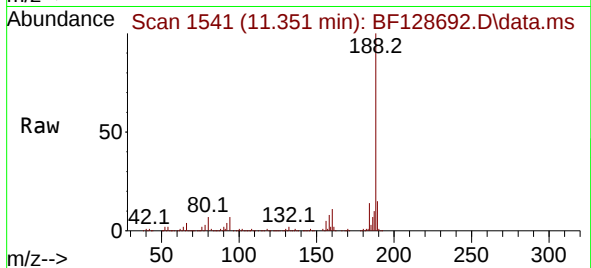
Tgt Ion:188 Resp: 386343

Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.6#

80 7.5 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 5.964 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.235 min

Lab File: BF128692.D

Acq: 06 Jun 2022 11:19

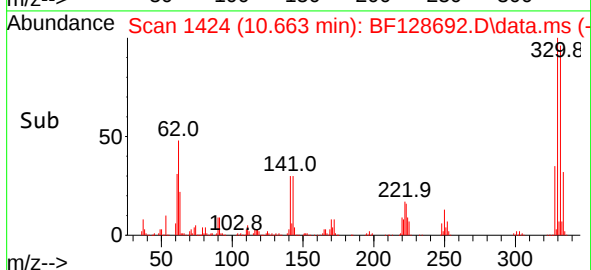
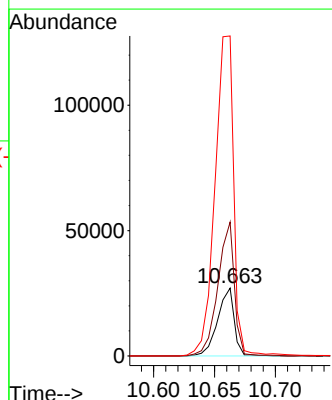
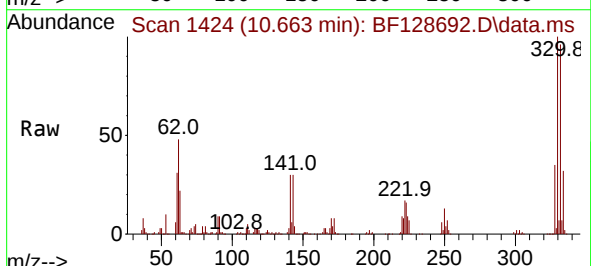
Tgt Ion:248 Resp: 25697

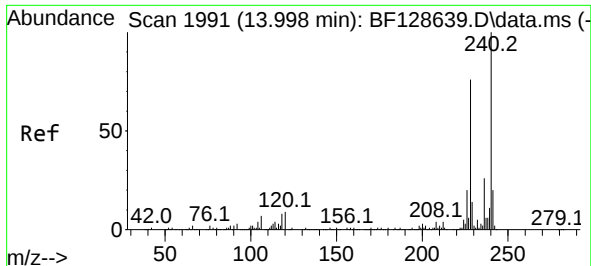
Ion Ratio Lower Upper

248 100

250 197.5 80.6 120.8#

141 471.6 58.9 88.3#

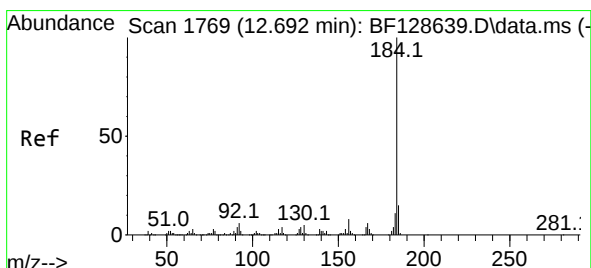
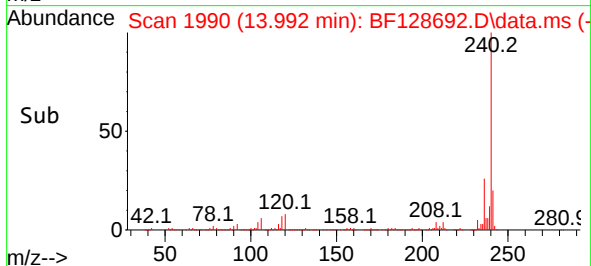
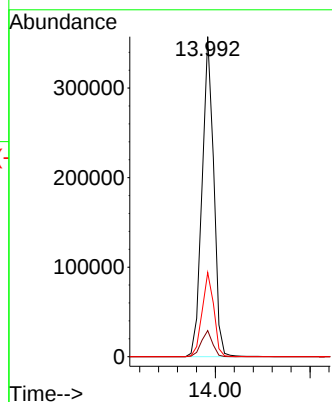
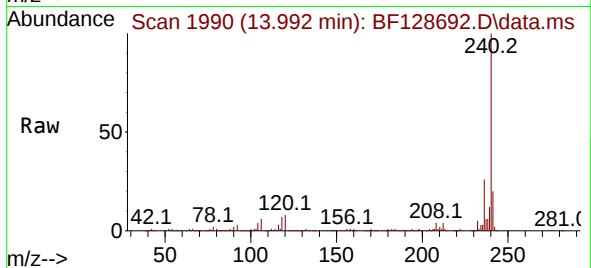




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128692.D
Acq: 06 Jun 2022 11:19

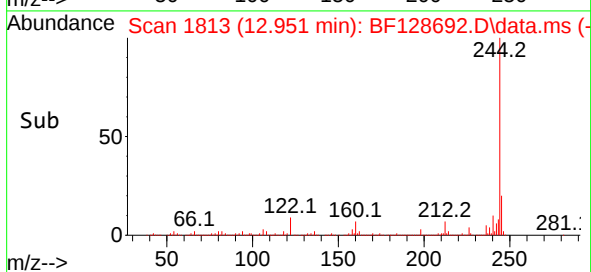
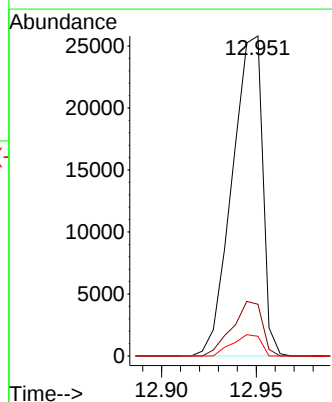
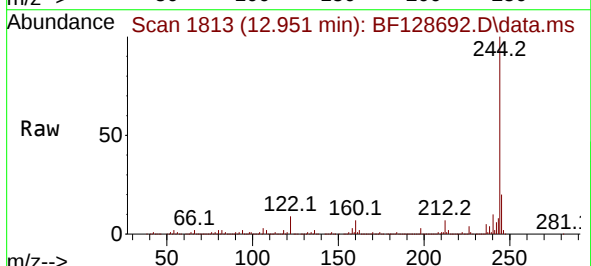
Instrument :
BNA_F
ClientSampleId :
PB145300BL

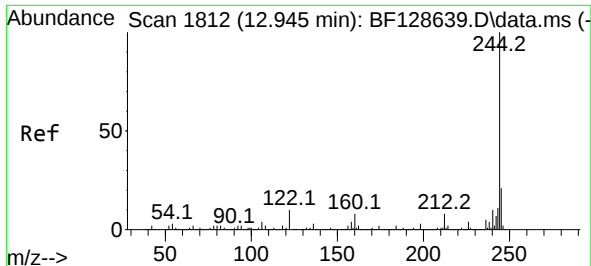
Tgt Ion:240 Resp: 304416
Ion Ratio Lower Upper
240 100
120 8.1 8.9 13.3#
236 26.3 20.8 31.2



#77
Benzidine
Concen: 4.752 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.259 min
Lab File: BF128692.D
Acq: 06 Jun 2022 11:19

Tgt Ion:184 Resp: 28839
Ion Ratio Lower Upper
184 100
185 16.1 11.9 17.9
183 6.2 9.3 13.9#

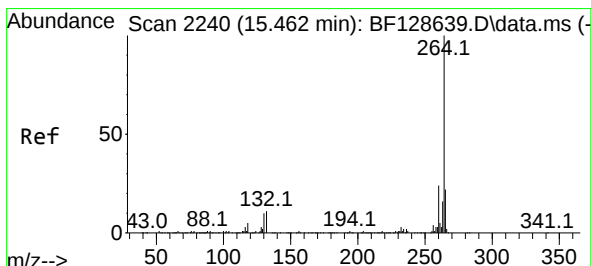
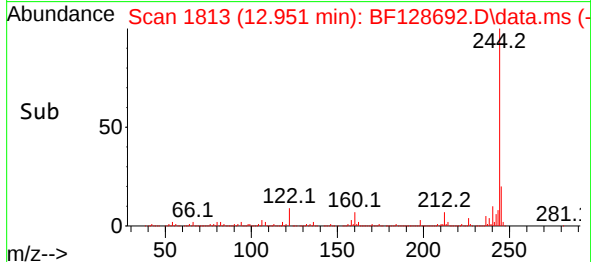
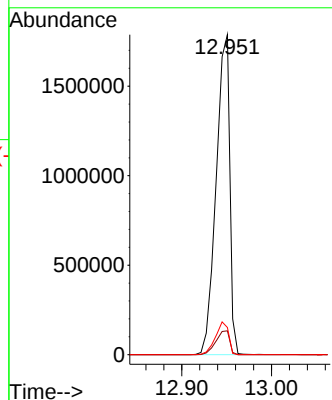
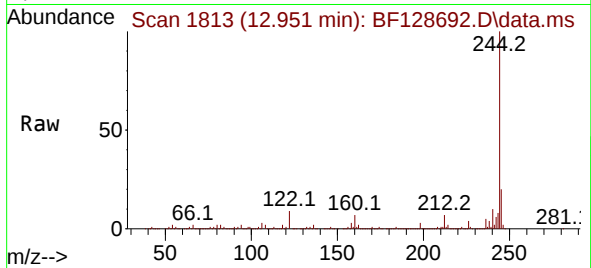




#79
 Terphenyl-d14
 Concen: 107.292 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128692.D
 Acq: 06 Jun 2022 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB145300BL

Tgt Ion:244 Resp: 1879653
 Ion Ratio Lower Upper
 244 100
 212 7.5 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: BF128692.D
 Acq: 06 Jun 2022 11:19

Tgt Ion:264 Resp: 221738
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 22.3 17.2 25.8

