

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128693.D
 Acq On : 06 Jun 2022 13:09
 Operator : CG\JU
 Sample : PB145300BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145300BL

Quant Time: Jun 07 02:41:54 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)

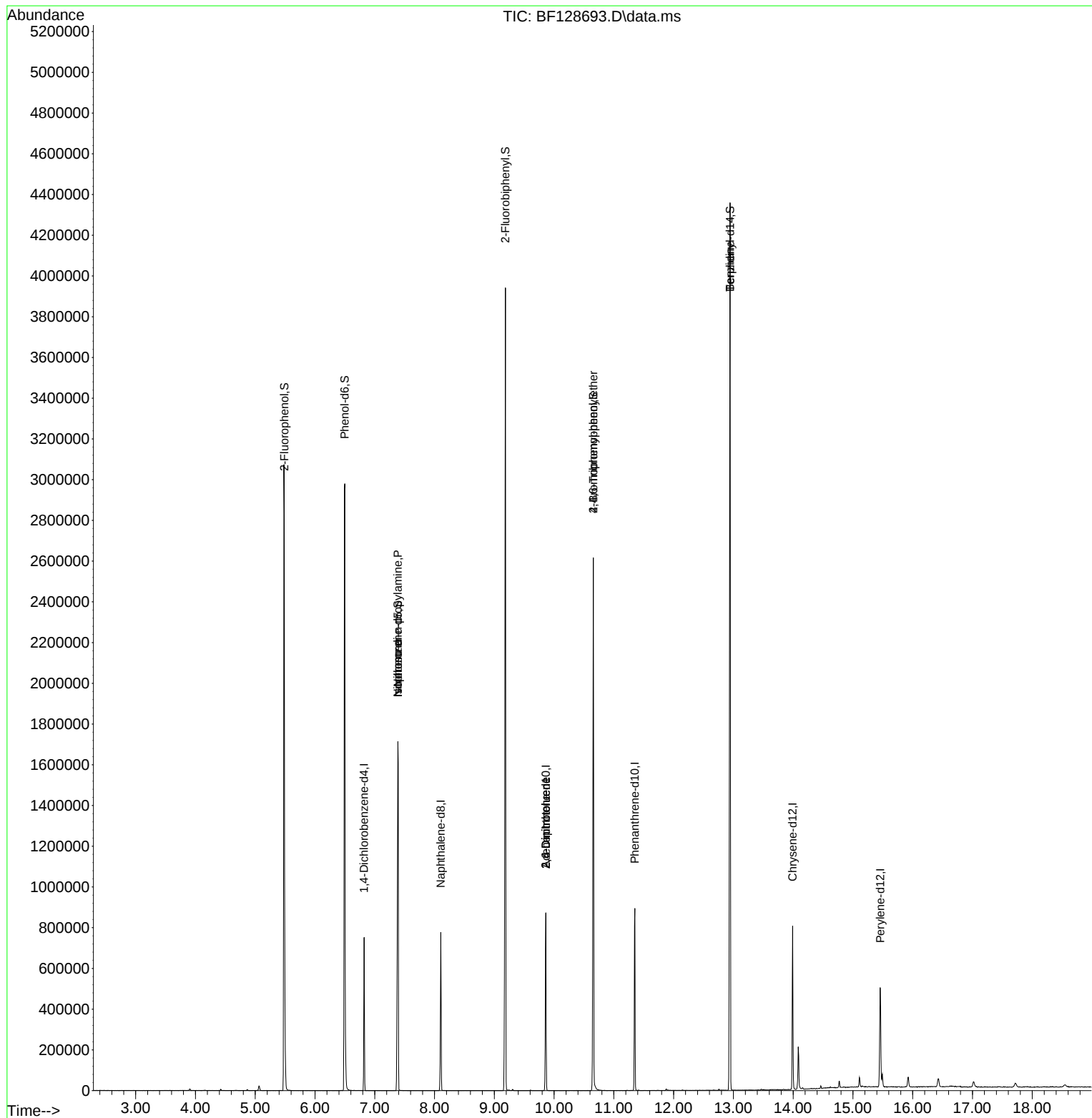
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	85596	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	299493	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	171636	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	328525	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	254487	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	222251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	764140	142.197	ng	0.01
7) Phenol-d6	6.498	99	948176	144.546	ng	0.00
23) Nitrobenzene-d5	7.386	82	636924	99.015	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	298482	147.183	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1217029	99.327	ng	0.00
79) Terphenyl-d14	12.945	244	1460524	99.725	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	92686	22.725	ng	# 81
25) Isophorone	7.386	82	634958	64.993	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	22822	9.842	ng	# 25
57) 2,4-Dinitrotoluene	9.863	165	22822	7.375	ng	# 21
67) 4-Bromophenyl-phenylether	10.657	248	19472	5.315	ng	# 1
77) Benzidine	12.945	184	22667	4.468	ng	# 92

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

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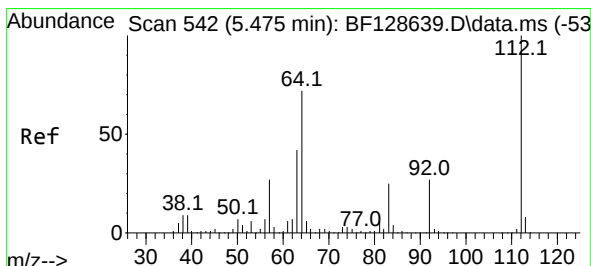
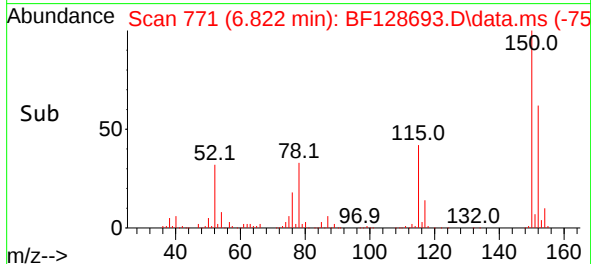
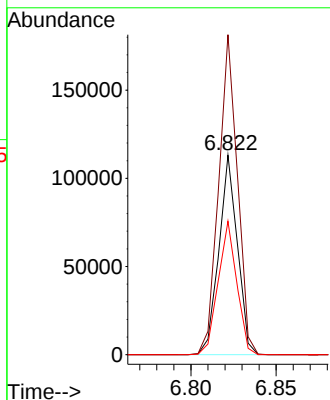
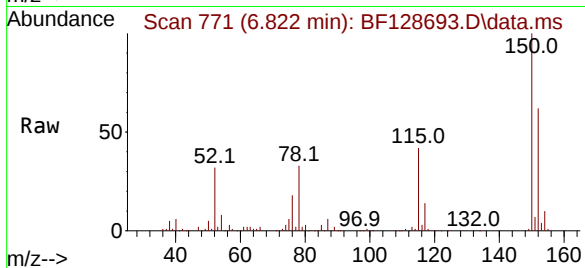




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128693.D
Acq: 06 Jun 2022 13:09

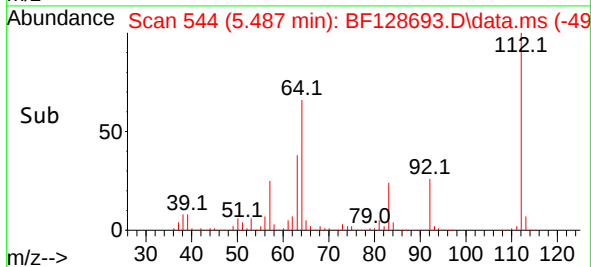
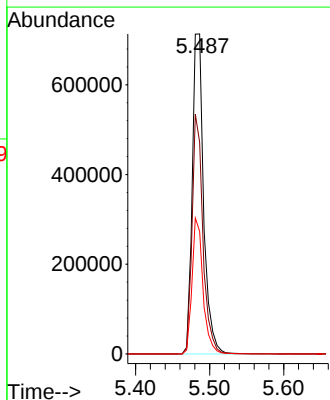
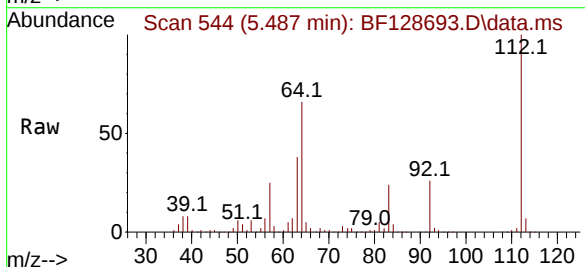
Instrument :
BNA_F
ClientSampleId :
PB145300BL

Tgt Ion:152 Resp: 85596
Ion Ratio Lower Upper
152 100
150 160.4 123.7 185.5
115 66.9 49.9 74.9



#5
2-Fluorophenol
Concen: 142.197 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.012 min
Lab File: BF128693.D
Acq: 06 Jun 2022 13:09

Tgt Ion:112 Resp: 764140
Ion Ratio Lower Upper
112 100
64 66.2 53.3 79.9
63 38.4 28.0 42.0

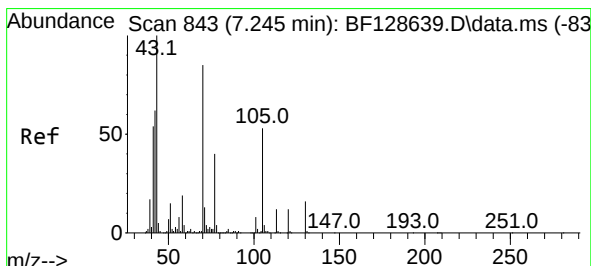
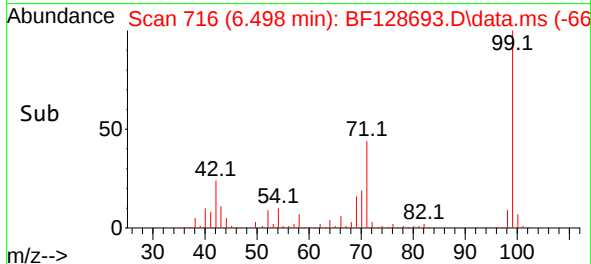
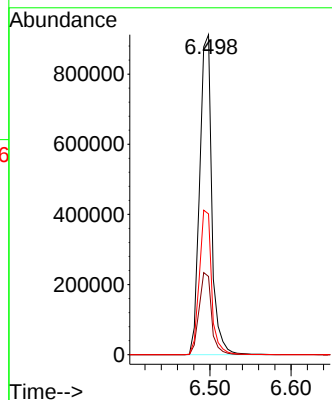
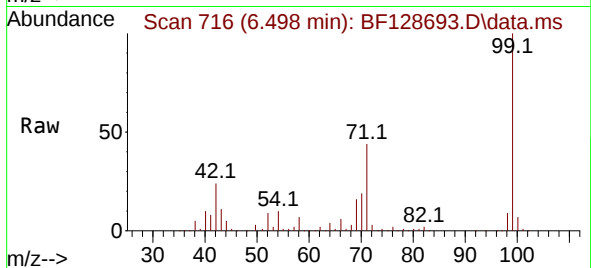




#7
Phenol-d6
Concen: 144.546 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128693.D
Acq: 06 Jun 2022 13:09

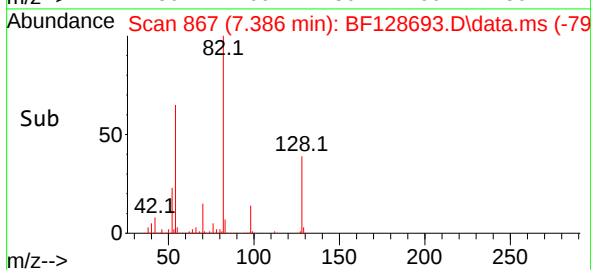
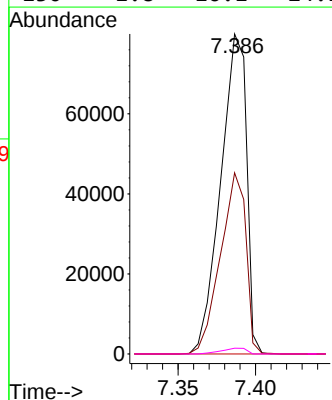
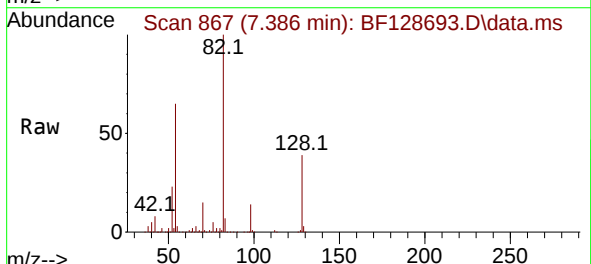
Instrument :
BNA_F
ClientSampleId :
PB145300BL

Tgt Ion: 99 Resp: 948176
Ion Ratio Lower Upper
99 100
42 24.5 17.3 25.9
71 44.0 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 22.725 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128693.D
Acq: 06 Jun 2022 13:09

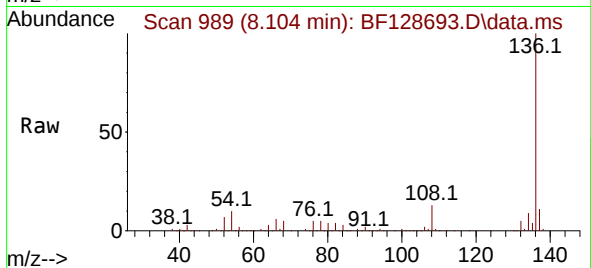
Tgt Ion: 70 Resp: 92686
Ion Ratio Lower Upper
70 100
42 56.6 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



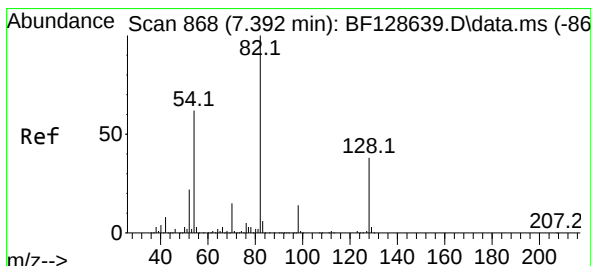
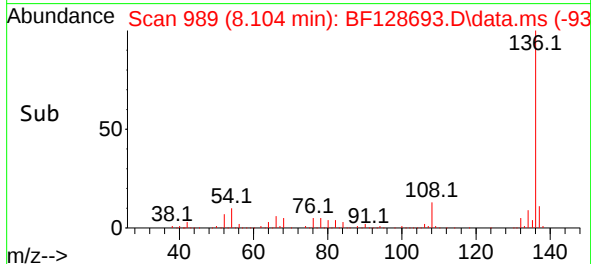
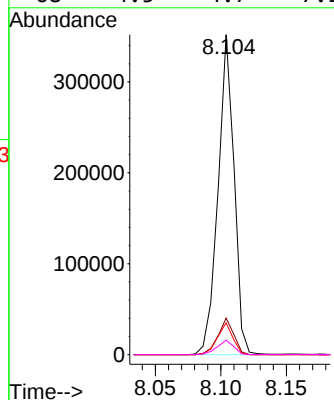


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128693.D
Acq: 06 Jun 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB145300BL

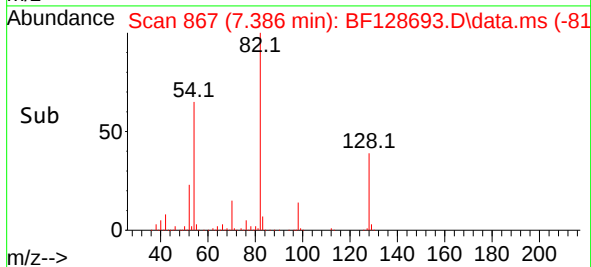
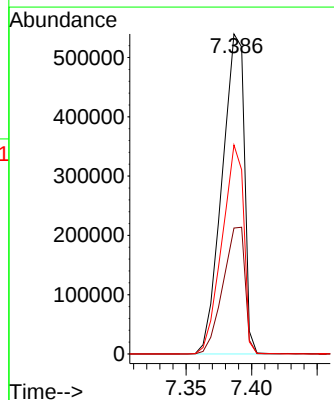
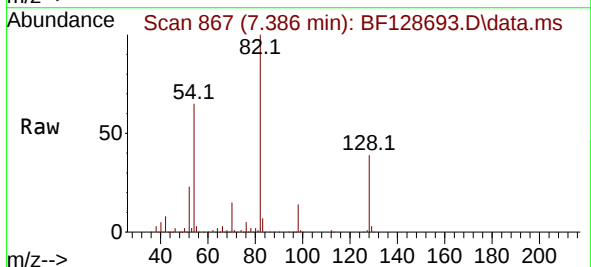


Tgt Ion:136 Resp: 299493
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.0 7.5 11.3
68 4.5 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 99.015 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128693.D
Acq: 06 Jun 2022 13:09

Tgt Ion: 82 Resp: 636924
Ion Ratio Lower Upper
82 100
128 39.4 34.0 51.0
54 65.3 46.9 70.3

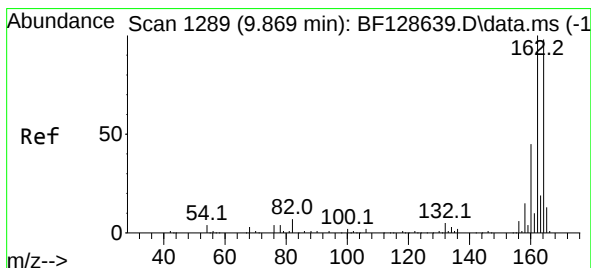
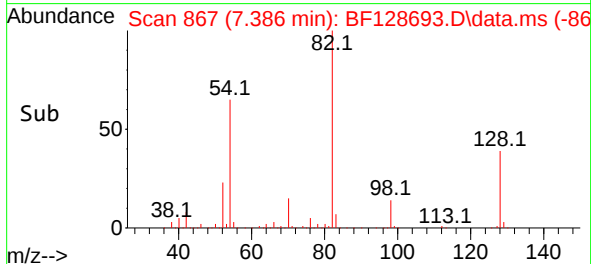
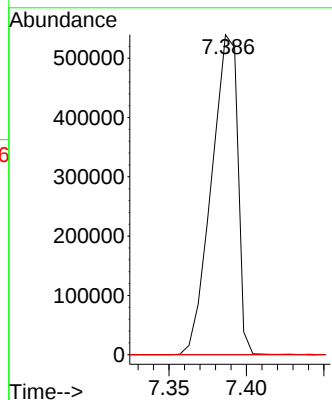
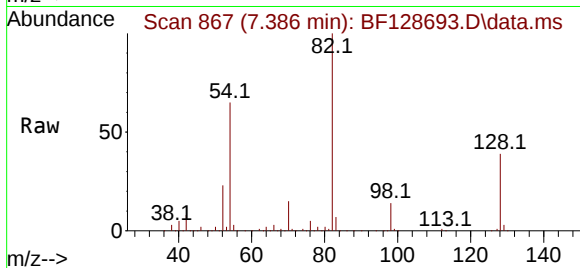




#25
Isophorone
Concen: 64.993 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128693.D
Acq: 06 Jun 2022 13:09

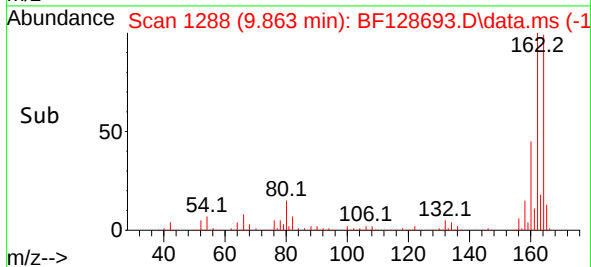
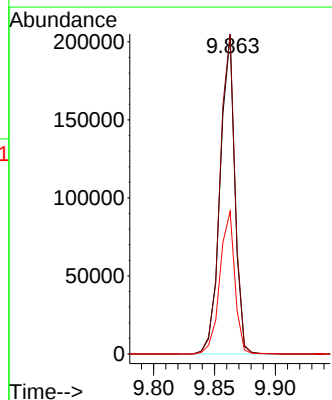
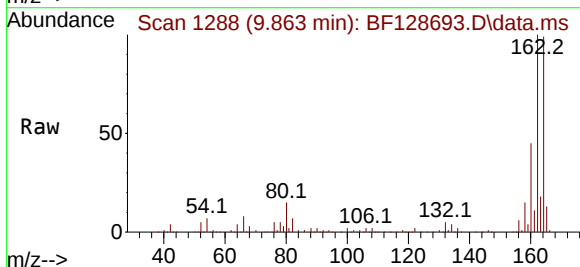
Instrument :
BNA_F
ClientSampleId :
PB145300BL

Tgt Ion: 82 Resp: 634958
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: BF128693.D
Acq: 06 Jun 2022 13:09

Tgt Ion:164 Resp: 171636
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 147.183 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128693.D

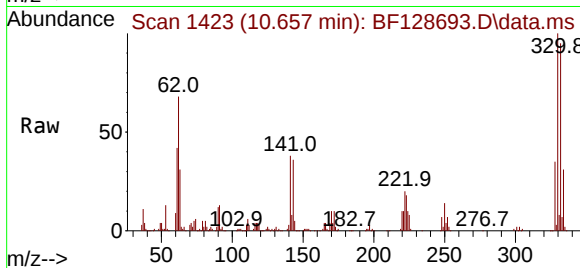
Acq: 06 Jun 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB145300BL



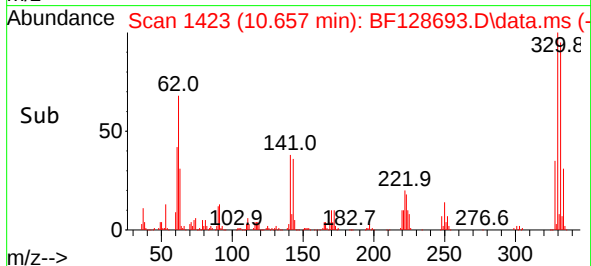
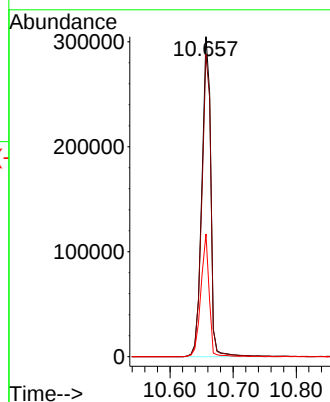
Tgt Ion:330 Resp: 298482

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

141 35.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 99.327 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128693.D

Acq: 06 Jun 2022 13:09

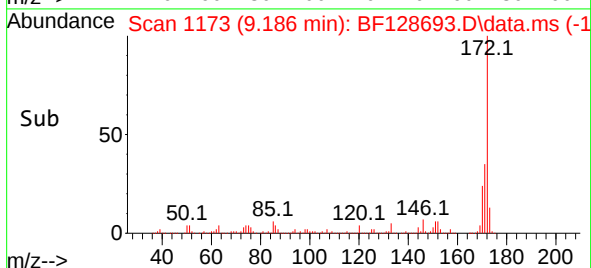
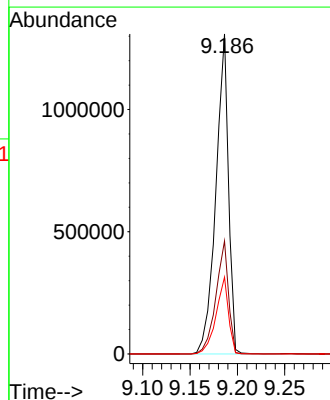
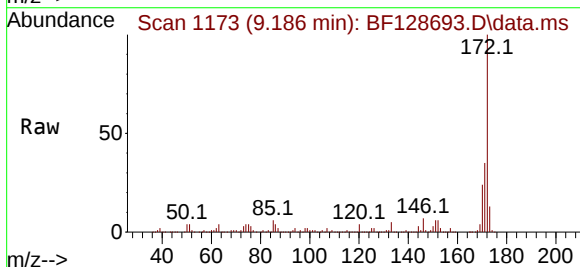
Tgt Ion:172 Resp: 1217029

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.0 19.8 29.8

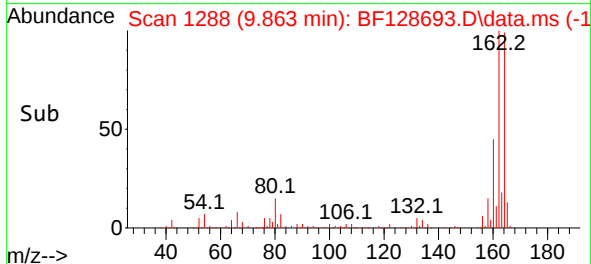
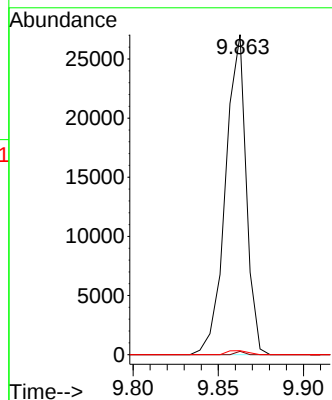
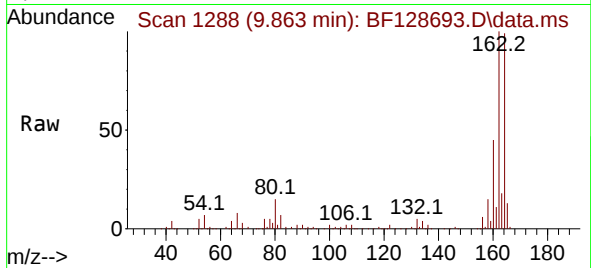




#51
2,6-Dinitrotoluene
Concen: 9.842 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128693.D
Acq: 06 Jun 2022 13:09

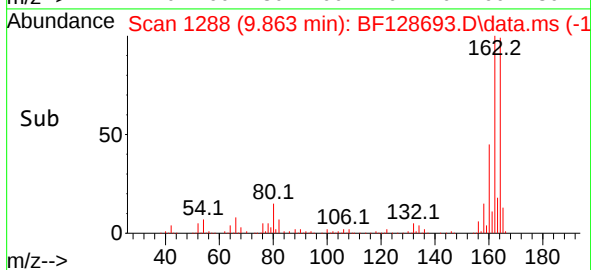
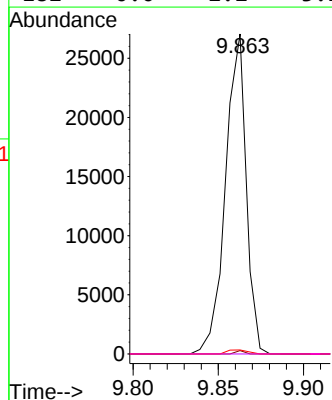
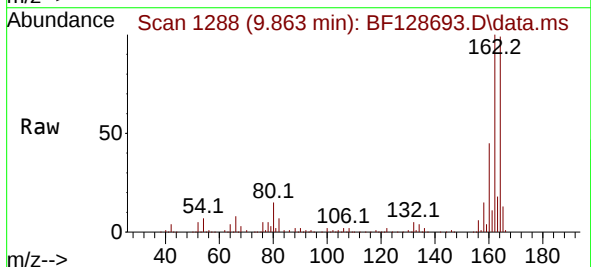
Instrument :
BNA_F
ClientSampleId :
PB145300BL

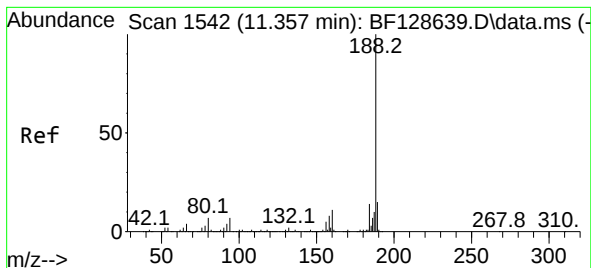
Tgt Ion:165 Resp: 22822
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.375 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128693.D
Acq: 06 Jun 2022 13:09

Tgt Ion:165 Resp: 22822
Ion Ratio Lower Upper
165 100
63 1.0 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: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128693.D

Acq: 06 Jun 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB145300BL

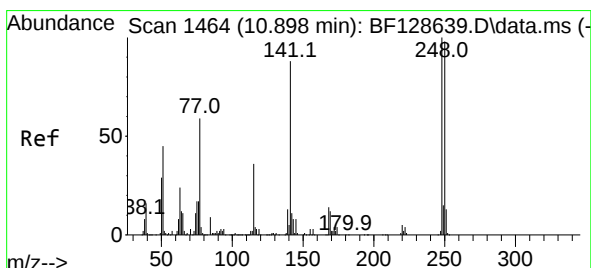
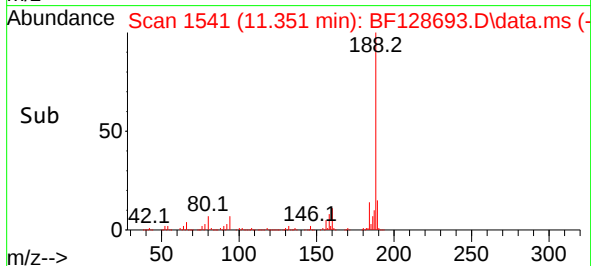
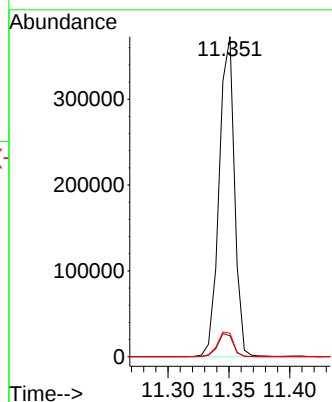
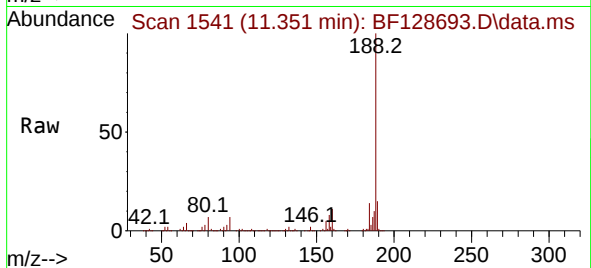
Tgt Ion:188 Resp: 328525

Ion Ratio Lower Upper

188 100

94 6.5 7.0 10.6#

80 7.3 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 5.315 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.241 min

Lab File: BF128693.D

Acq: 06 Jun 2022 13:09

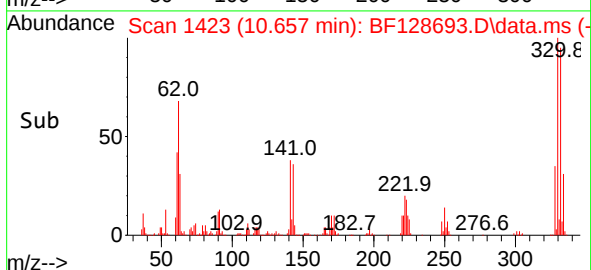
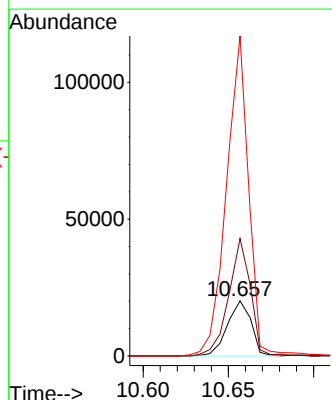
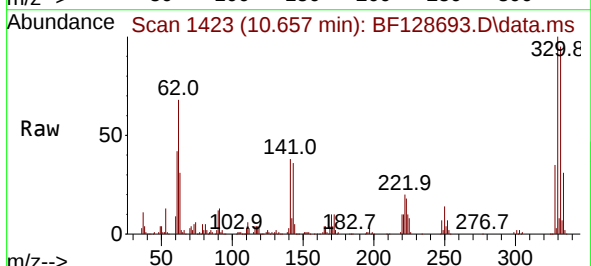
Tgt Ion:248 Resp: 19472

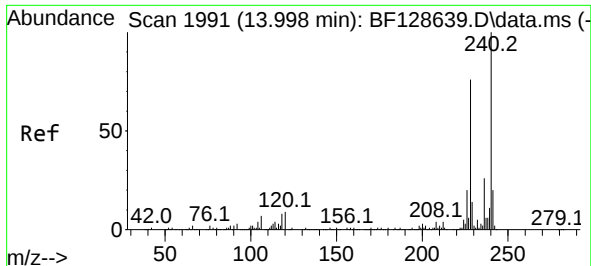
Ion Ratio Lower Upper

248 100

250 213.4 80.6 120.8#

141 581.6 58.9 88.3#

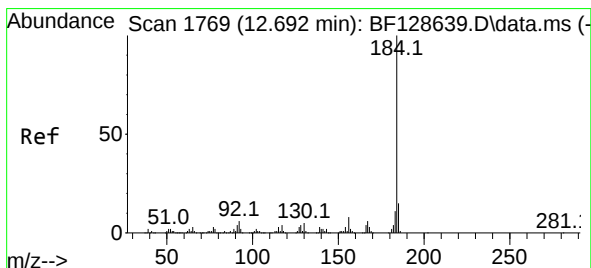
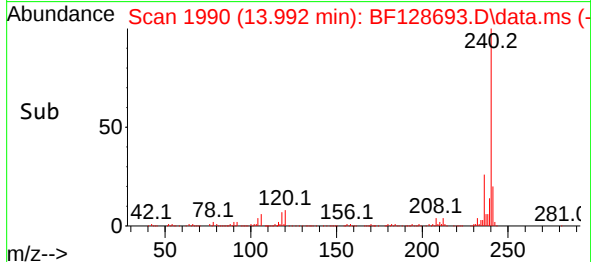
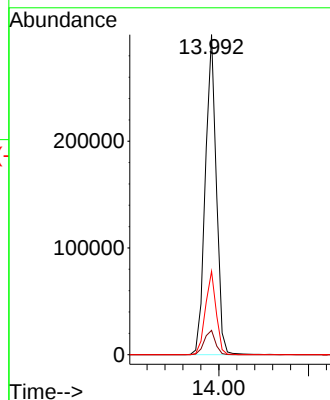
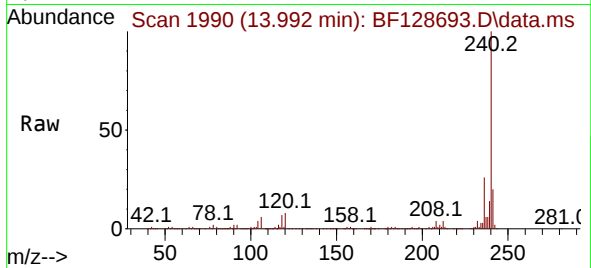




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF128693.D
Acq: 06 Jun 2022 13:09

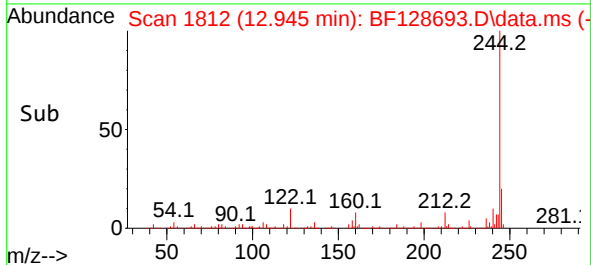
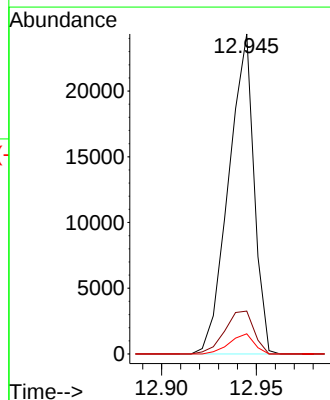
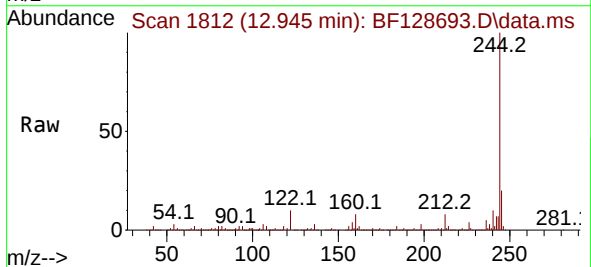
Instrument :
BNA_F
ClientSampleId :
PB145300BL

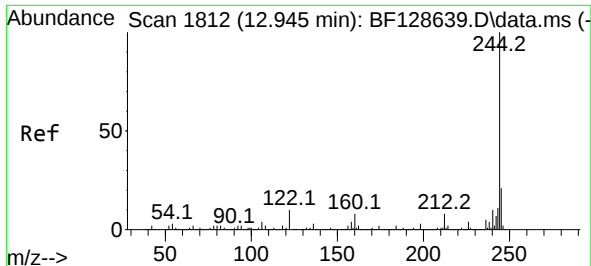
Tgt Ion:240 Resp: 254487
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 26.1 20.8 31.2



#77
Benzidine
Concen: 4.468 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.253 min
Lab File: BF128693.D
Acq: 06 Jun 2022 13:09

Tgt Ion:184 Resp: 22667
Ion Ratio Lower Upper
184 100
185 13.4 11.9 17.9
183 6.3 9.3 13.9#

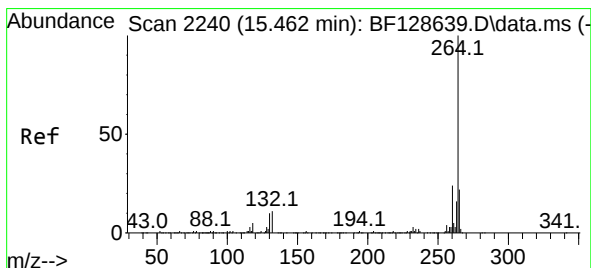
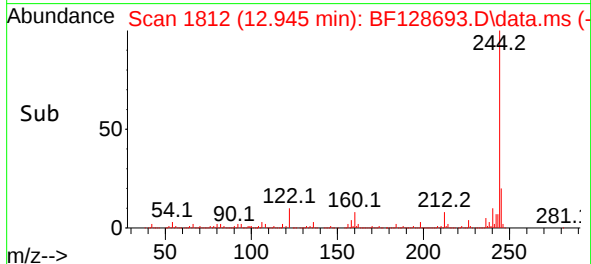
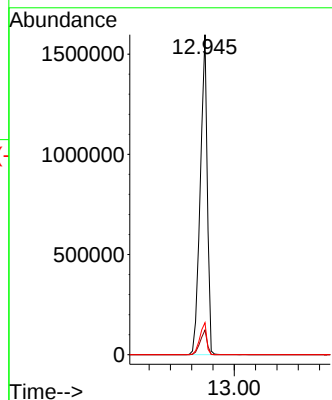
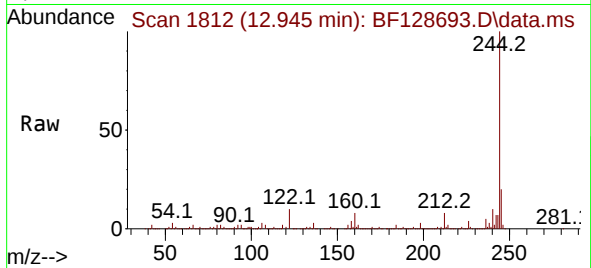




#79
 Terphenyl-d14
 Concen: 99.725 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128693.D
 Acq: 06 Jun 2022 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB145300BL

Tgt Ion:244 Resp: 1460524
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 10.0 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: BF128693.D
 Acq: 06 Jun 2022 13:09

Tgt Ion:264 Resp: 222251
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 21.5 17.2 25.8

