

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128777.D
 Acq On : 13 Jun 2022 11:03
 Operator : CG\JU
 Sample : PB145464BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145464BL

Quant Time: Jun 13 13:57:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

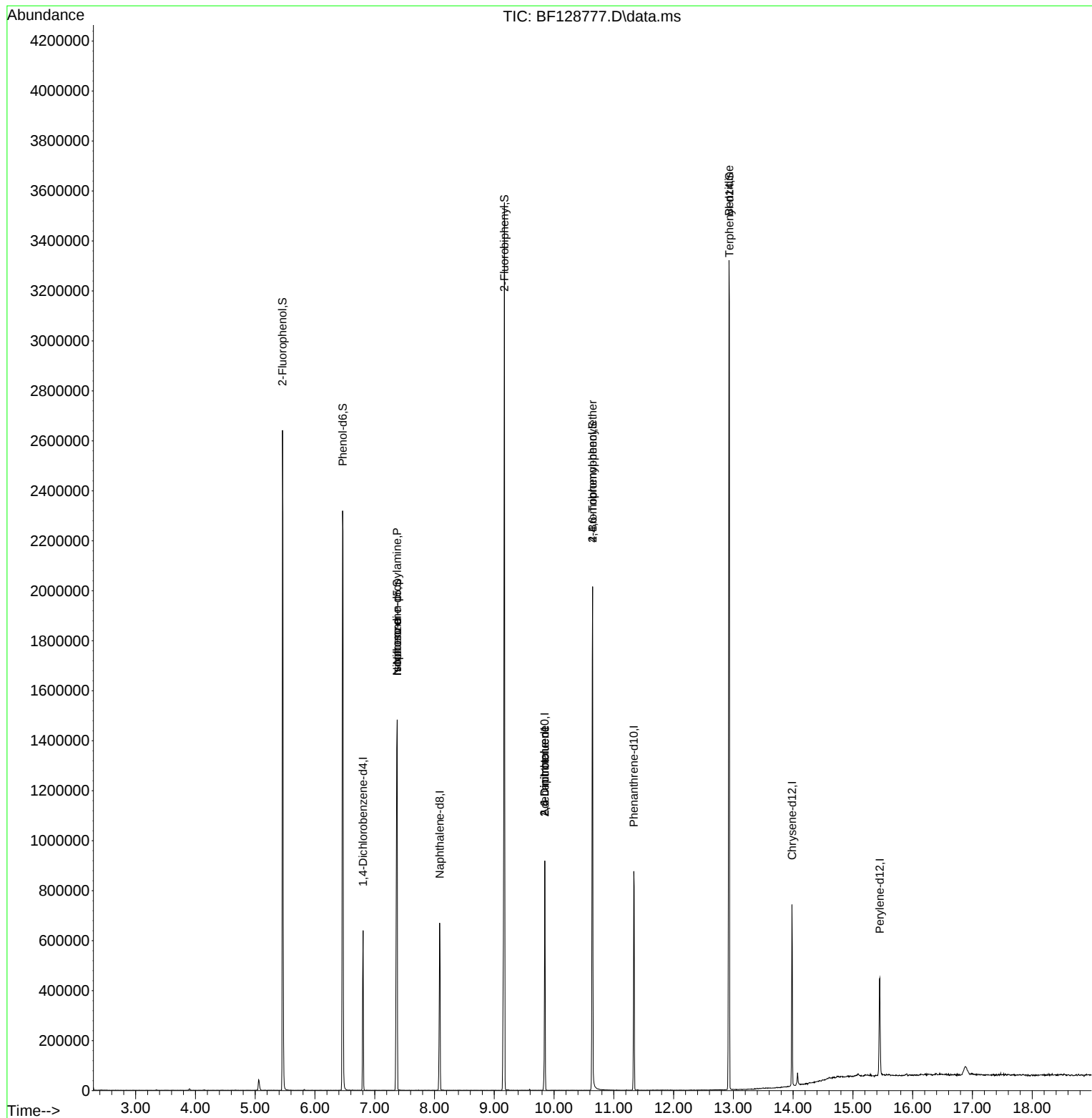
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	82293	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	316094	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	182180	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	330993	20.000	ng	0.00
76) Chrysene-d12	13.980	240	242014	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	185268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	653606	126.509	ng	0.00
7) Phenol-d6	6.463	99	818275	129.750	ng	-0.02
23) Nitrobenzene-d5	7.375	82	583352	85.924	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	258346	120.019	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1132510	87.080	ng	0.00
79) Terphenyl-d14	12.933	244	1310366	94.083	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	81215	20.712	ng	# 74
25) Isophorone	7.375	82	582970	56.537	ng	# 65
51) 2,6-Dinitrotoluene	9.845	165	22880	9.296	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	22880	6.966	ng	# 22
67) 4-Bromophenyl-phenylether	10.645	248	17005	4.607	ng	# 1
77) Benzidine	12.927	184	18956	3.929	ng	# 90

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

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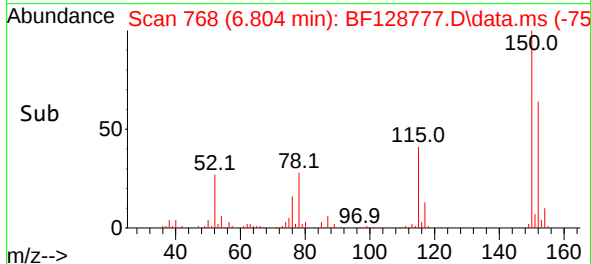
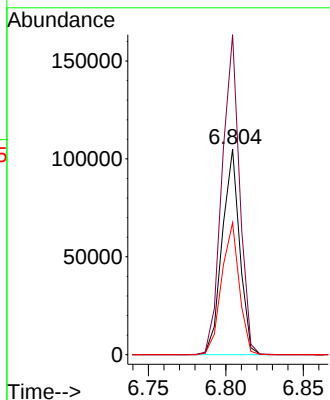
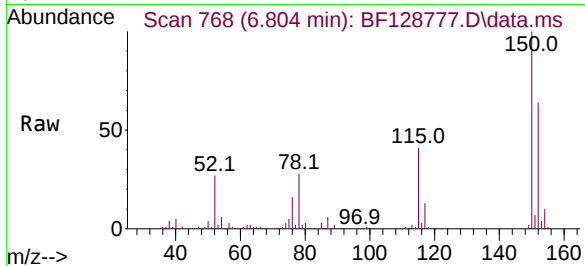




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

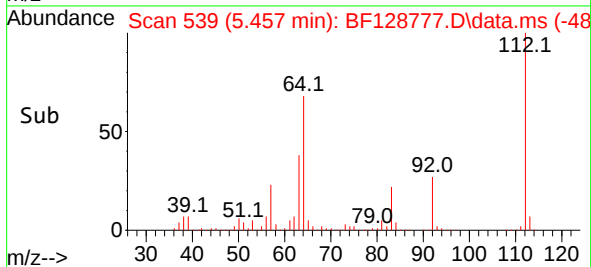
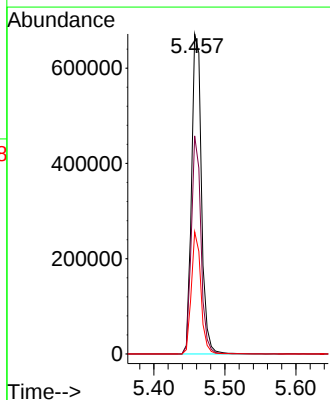
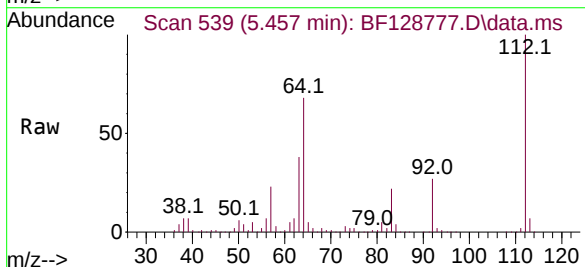
Instrument :
BNA_F
ClientSampleId :
PB145464BL

Tgt Ion:152 Resp: 82293
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 64.2 49.9 74.9



#5
2-Fluorophenol
Concen: 126.509 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

Tgt Ion:112 Resp: 653606
Ion Ratio Lower Upper
112 100
64 68.1 53.3 79.9
63 38.2 28.0 42.0

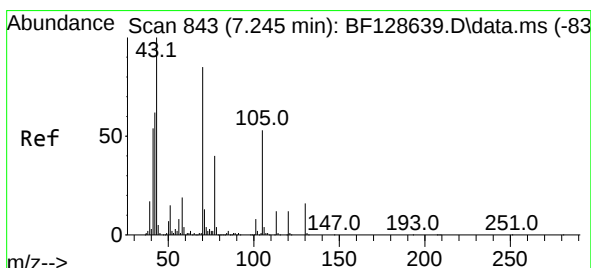
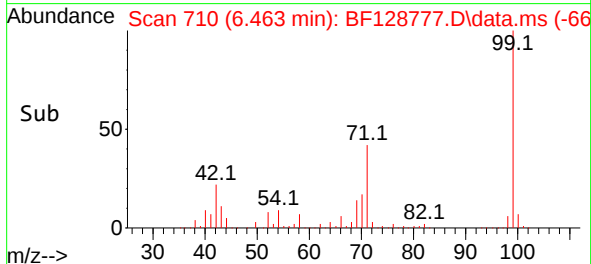
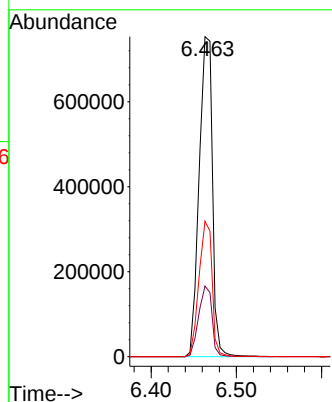
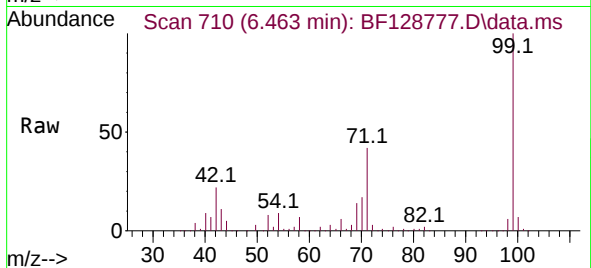




#7
Phenol-d6
Concen: 129.750 ng
RT: 6.463 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

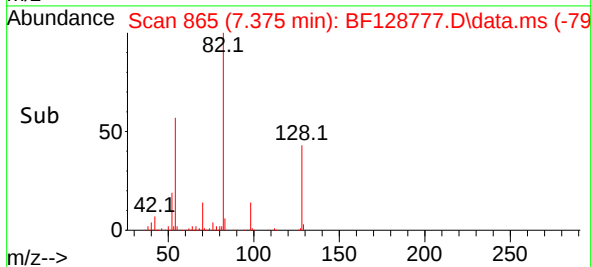
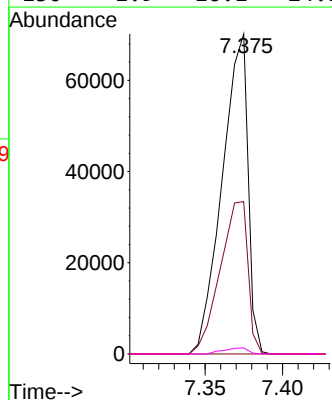
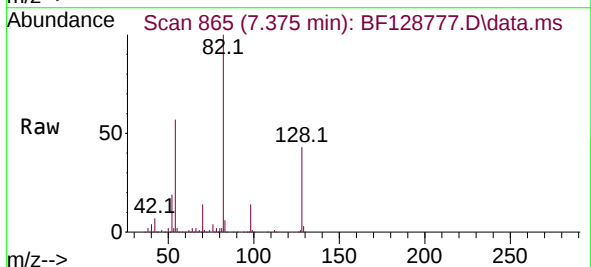
Instrument :
BNA_F
ClientSampleId :
PB145464BL

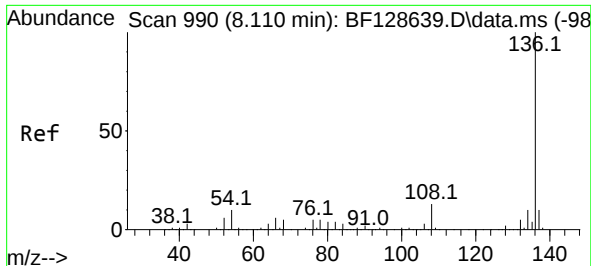
Tgt Ion: 99 Resp: 818275
Ion Ratio Lower Upper
99 100
42 22.0 17.3 25.9
71 42.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.712 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.141 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

Tgt Ion: 70 Resp: 81215
Ion Ratio Lower Upper
70 100
42 47.6 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: 8.087 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128777.D

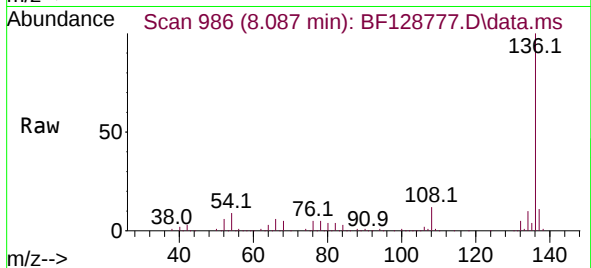
Acq: 13 Jun 2022 11:03

Instrument :

BNA_F

ClientSampleId :

PB145464BL



Tgt Ion:136 Resp: 316094

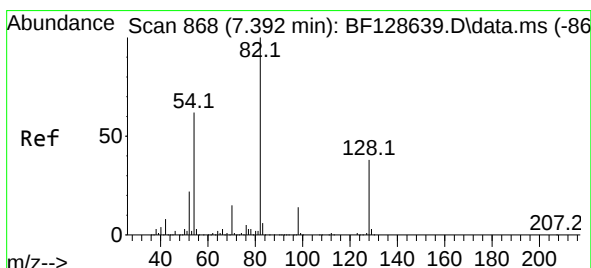
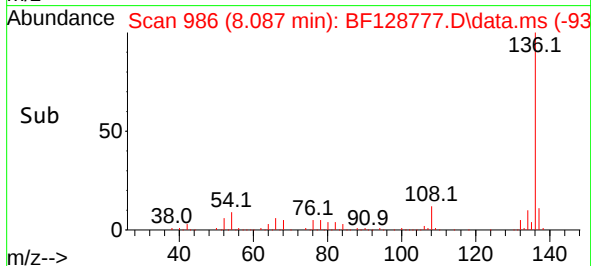
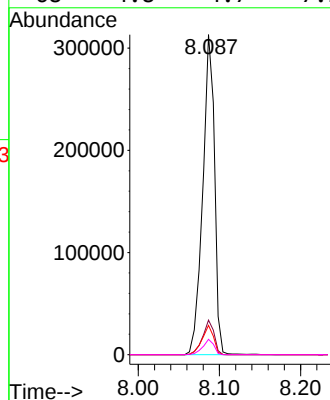
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.1 7.5 11.3

68 4.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 85.924 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF128777.D

Acq: 13 Jun 2022 11:03

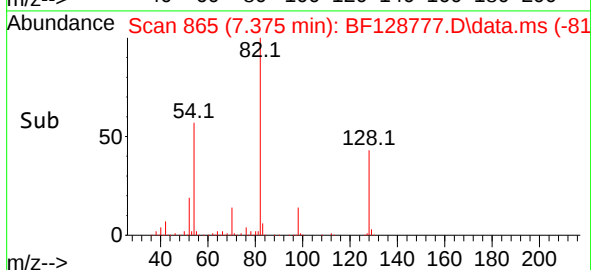
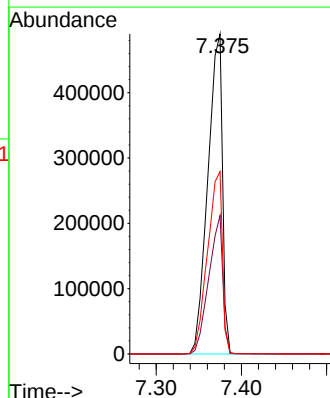
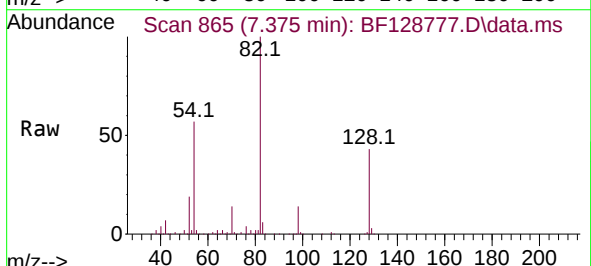
Tgt Ion: 82 Resp: 583352

Ion Ratio Lower Upper

82 100

128 43.3 34.0 51.0

54 57.0 46.9 70.3

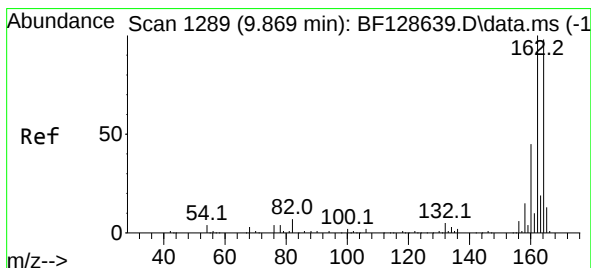
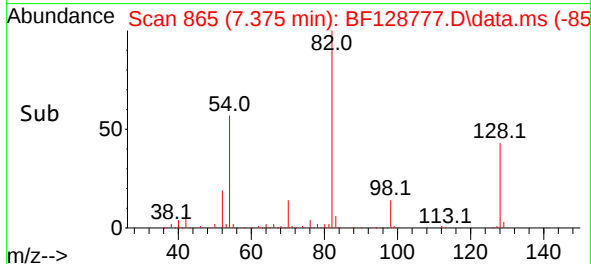
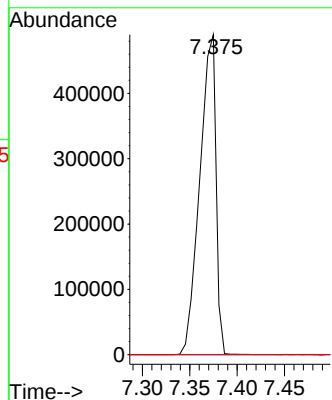
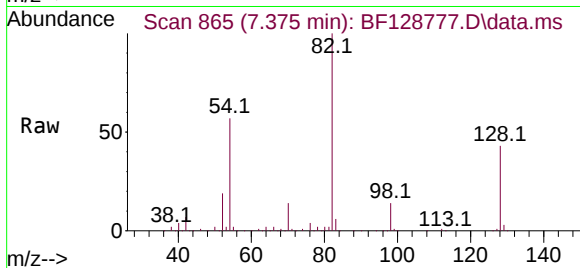




#25
Isophorone
Concen: 56.537 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

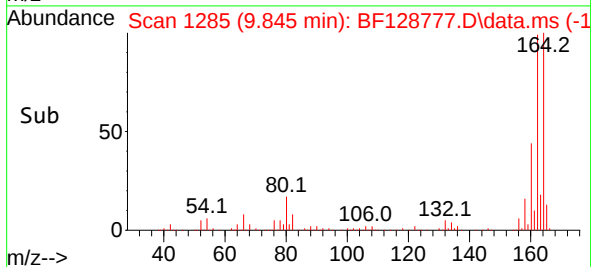
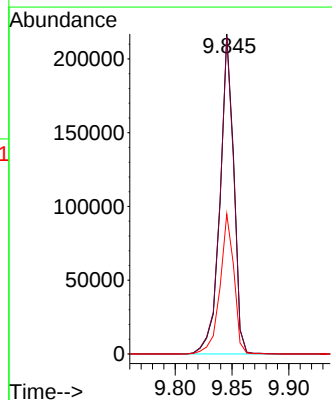
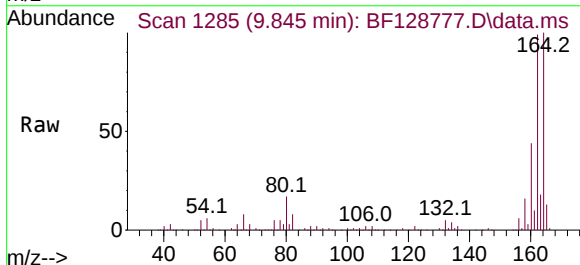
Instrument :
BNA_F
ClientSampleId :
PB145464BL

Tgt Ion: 82 Resp: 582970
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: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

Tgt Ion:164 Resp: 182180
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 120.019 ng

RT: 10.645 min Scan# 1421

Delta R.T. -0.006 min

Lab File: BF128777.D

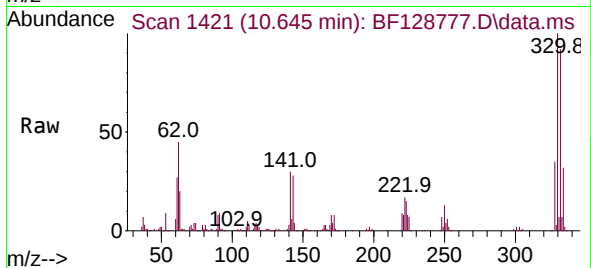
Acq: 13 Jun 2022 11:03

Instrument :

BNA_F

ClientSampleId :

PB145464BL



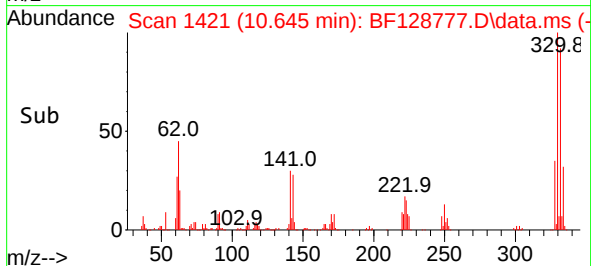
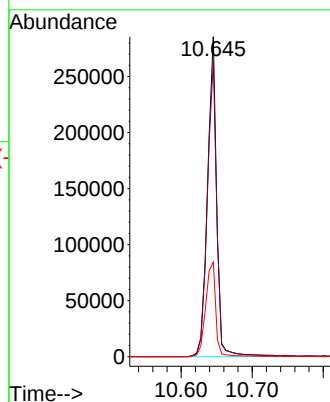
Tgt Ion:330 Resp: 258346

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 32.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 87.080 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF128777.D

Acq: 13 Jun 2022 11:03

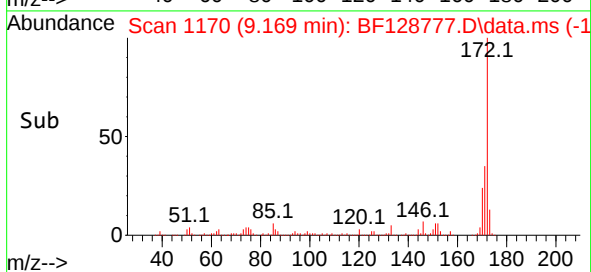
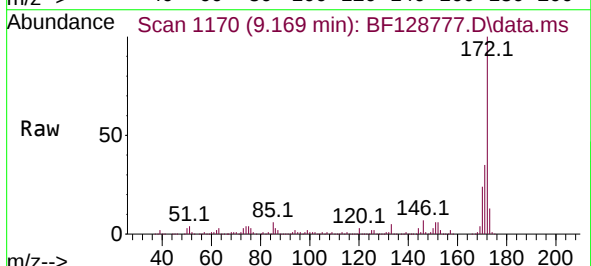
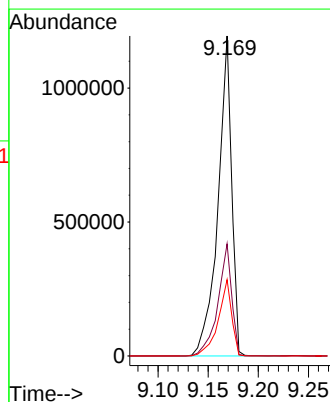
Tgt Ion:172 Resp: 1132510

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.8 19.8 29.8

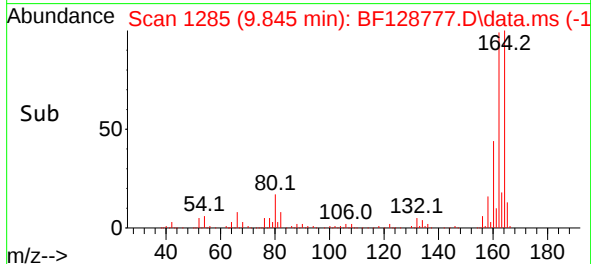
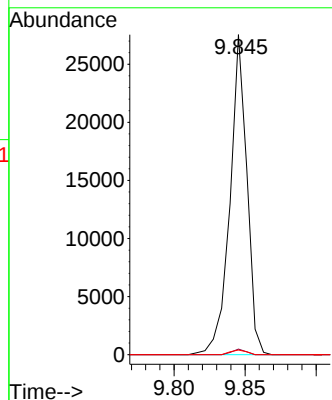
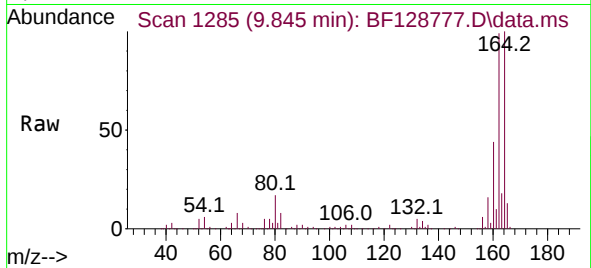




#51
2,6-Dinitrotoluene
Concen: 9.296 ng
RT: 9.845 min Scan# 1285
Delta R.T. 0.200 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

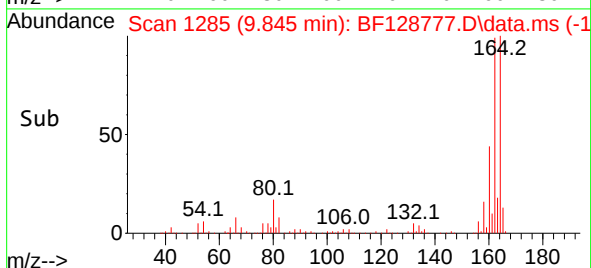
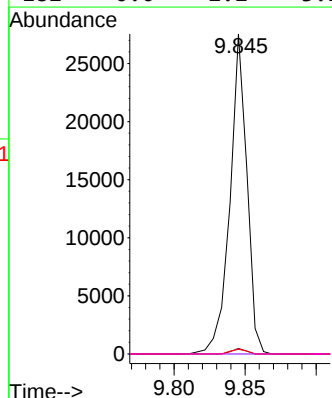
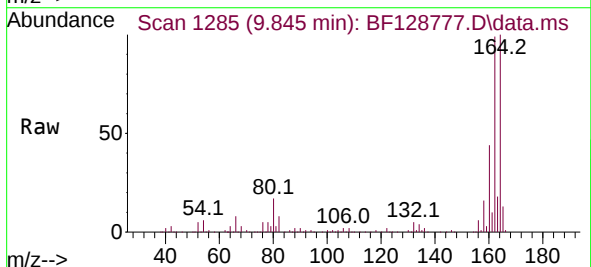
Instrument :
BNA_F
ClientSampleId :
PB145464BL

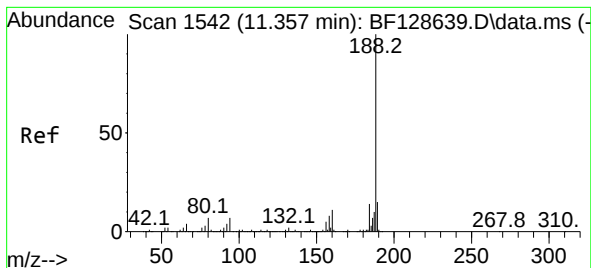
Tgt Ion:165 Resp: 22880
Ion Ratio Lower Upper
165 100
63 1.8 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.966 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.200 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

Tgt Ion:165 Resp: 22880
Ion Ratio Lower Upper
165 100
63 1.8 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128777.D

Acq: 13 Jun 2022 11:03

Instrument :

BNA_F

ClientSampleId :

PB145464BL

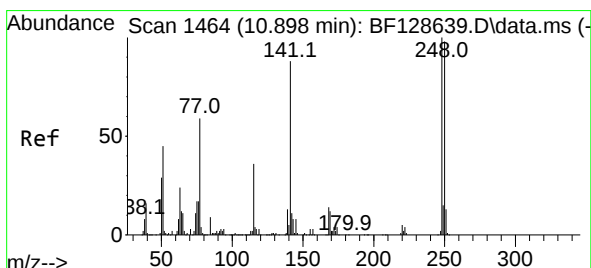
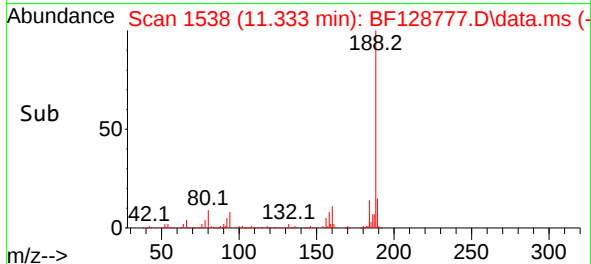
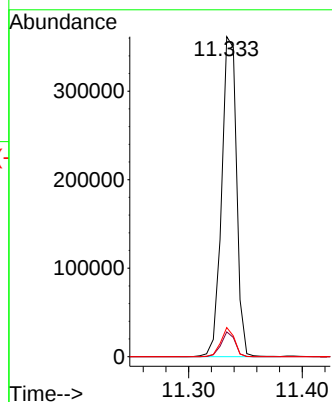
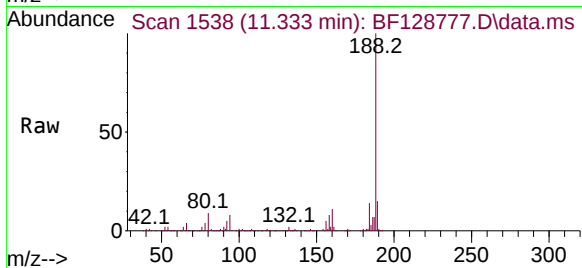
Tgt Ion:188 Resp: 330993

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.6

80 9.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.607 ng

RT: 10.645 min Scan# 1421

Delta R.T. -0.241 min

Lab File: BF128777.D

Acq: 13 Jun 2022 11:03

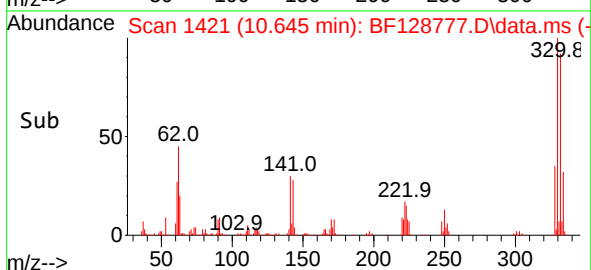
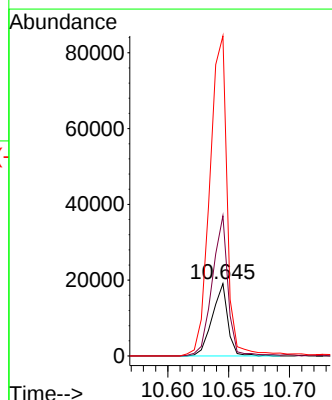
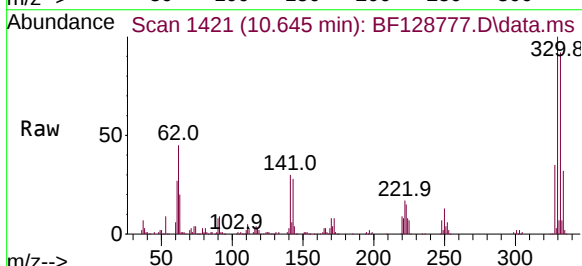
Tgt Ion:248 Resp: 17005

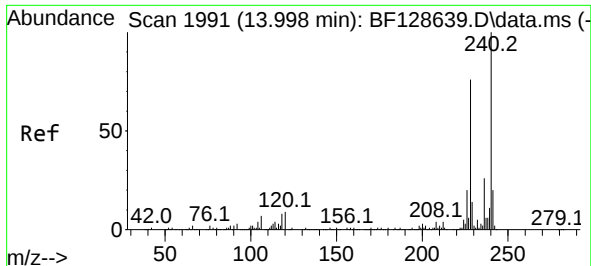
Ion Ratio Lower Upper

248 100

250 193.6 80.6 120.8#

141 442.0 58.9 88.3#

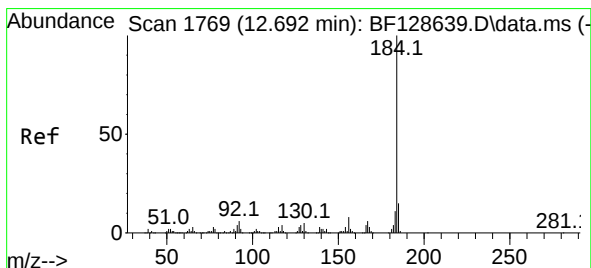
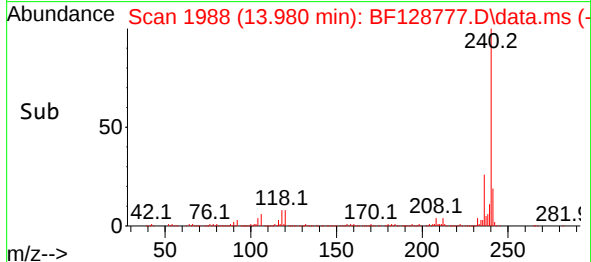
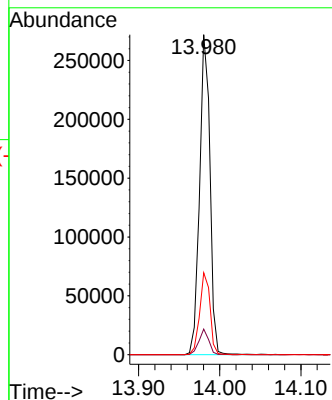
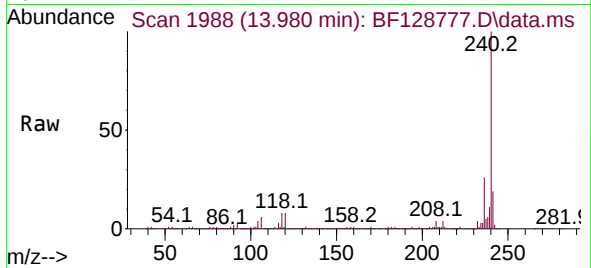




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

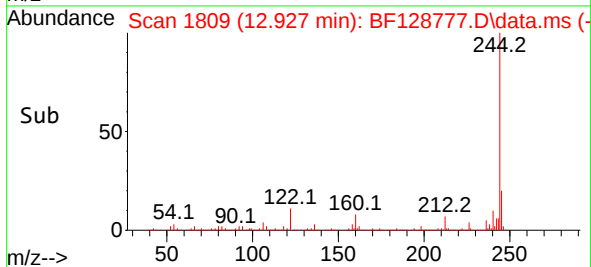
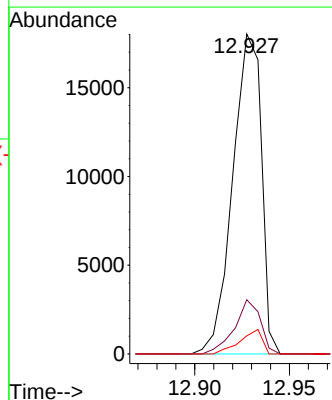
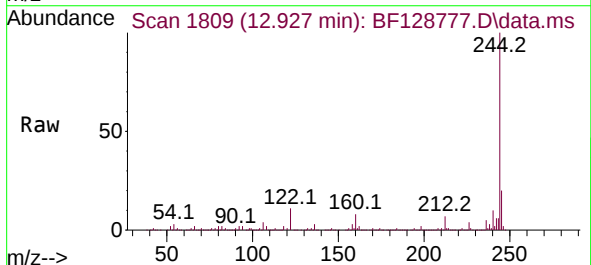
Instrument :
BNA_F
ClientSampleId :
PB145464BL

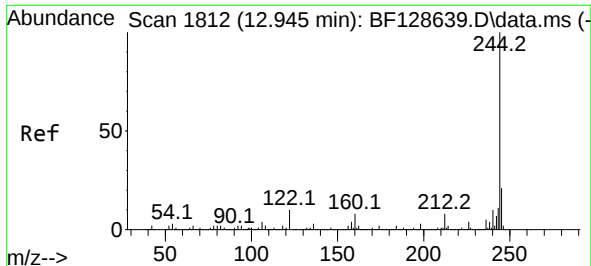
Tgt Ion:240 Resp: 242014
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 25.6 20.8 31.2



#77
Benzidine
Concen: 3.929 ng
RT: 12.927 min Scan# 1809
Delta R.T. 0.247 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

Tgt Ion:184 Resp: 18956
Ion Ratio Lower Upper
184 100
185 16.9 11.9 17.9
183 5.7 9.3 13.9#

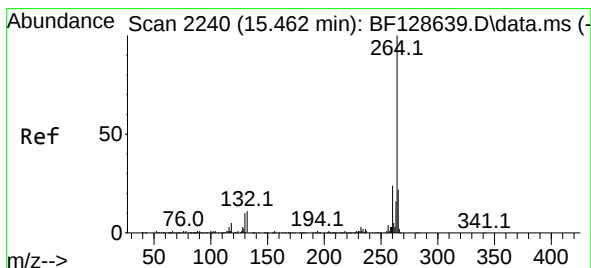
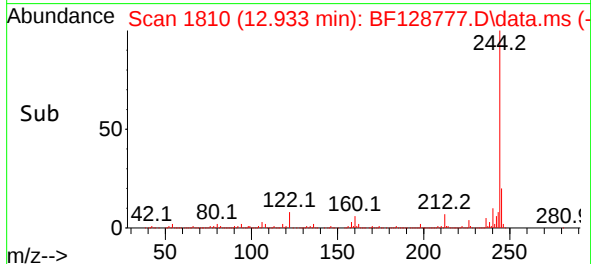
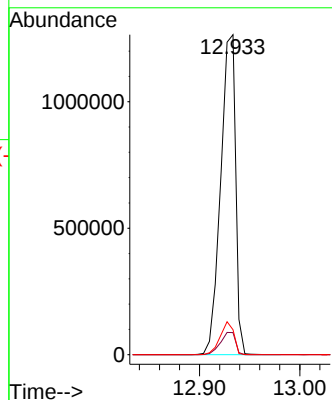
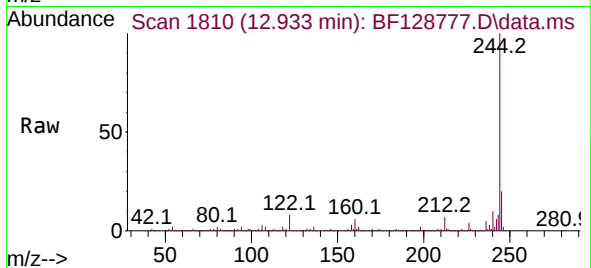




#79
 Terphenyl-d14
 Concen: 94.083 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128777.D
 Acq: 13 Jun 2022 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB145464BL

Tgt Ion:244 Resp: 1310366
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 7.8 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. 0.006 min
 Lab File: BF128777.D
 Acq: 13 Jun 2022 11:03

Tgt Ion:264 Resp: 185268
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 20.6 17.2 25.8

