

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128644.D
 Acq On : 02 Jun 2022 16:30
 Operator : CG\JU
 Sample : PB145235BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145235BL

Quant Time: Jun 03 00:03:41 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)

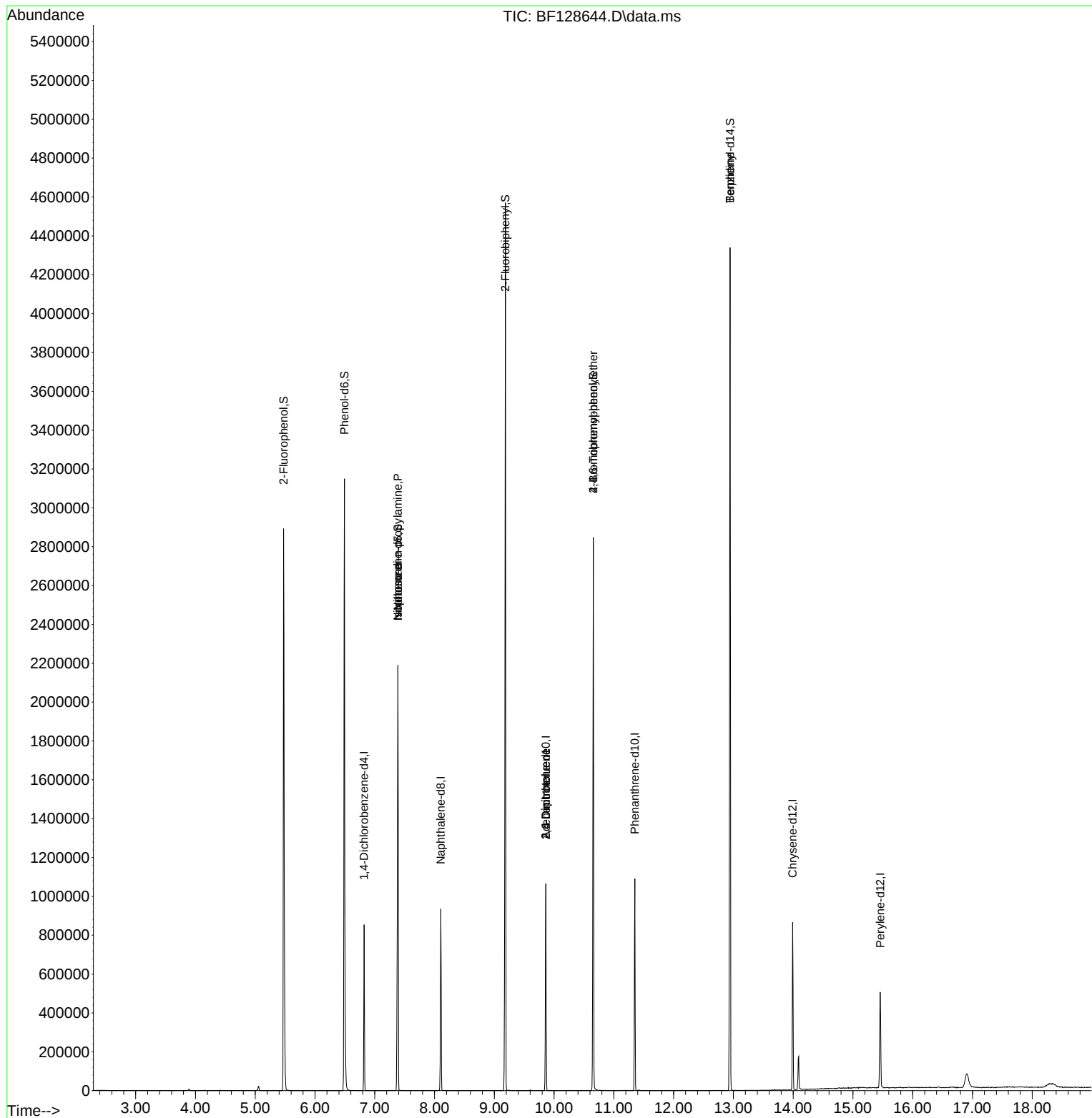
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	99138	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	373891	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	209252	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	363365	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	279712	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	221760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	729811	117.257	ng	0.00
7) Phenol-d6	6.493	99	933242	122.836	ng	0.00
23) Nitrobenzene-d5	7.387	82	716384	89.207	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	304243	123.055	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1318363	88.255	ng	0.00
79) Terphenyl-d14	12.945	244	1475290	91.648	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	102688	21.739	ng	# 83
25) Isophorone	7.387	82	716203	58.721	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	26610	9.413	ng	# 25
57) 2,4-Dinitrotoluene	9.863	165	26610	7.053	ng	# 21
67) 4-Bromophenyl-phenylether	10.657	248	20161	4.975	ng	# 1
77) Benzidine	12.945	184	22085	3.961	ng	# 90

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

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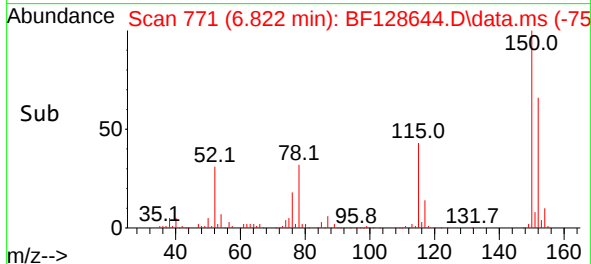
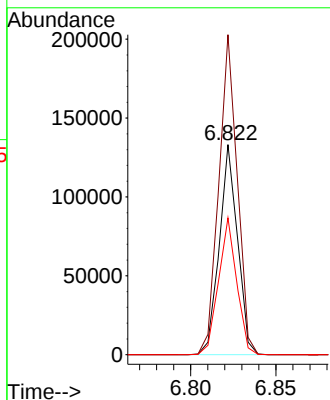
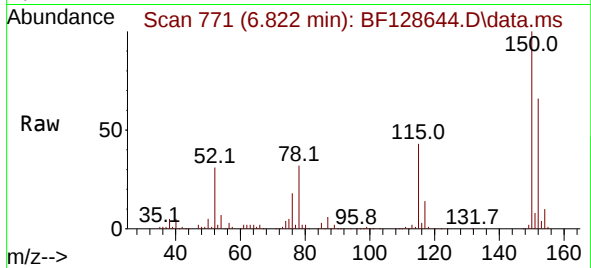




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128644.D
Acq: 02 Jun 2022 16:30

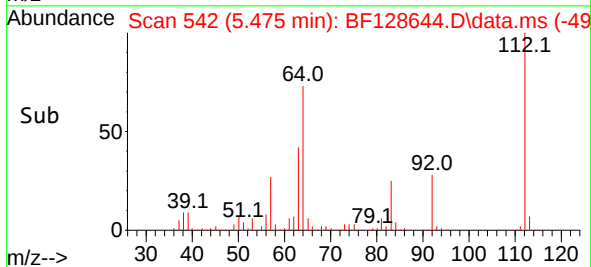
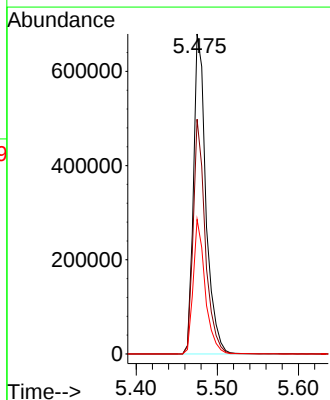
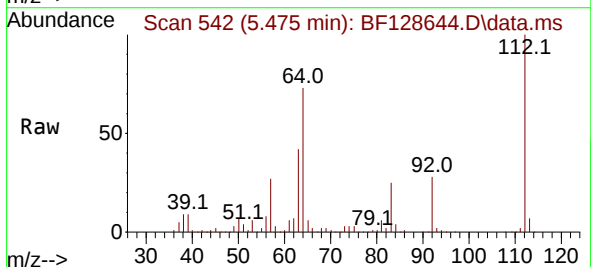
Instrument :
BNA_F
ClientSampleId :
PB145235BL

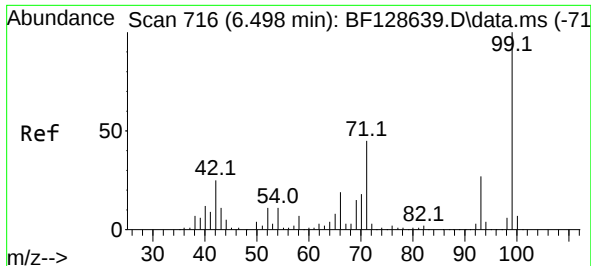
Tgt Ion:152 Resp: 99138
Ion Ratio Lower Upper
152 100
150 152.3 123.7 185.5
115 65.1 49.9 74.9



#5
2-Fluorophenol
Concen: 117.257 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128644.D
Acq: 02 Jun 2022 16:30

Tgt Ion:112 Resp: 729811
Ion Ratio Lower Upper
112 100
64 73.4 53.3 79.9
63 42.0 28.0 42.0#

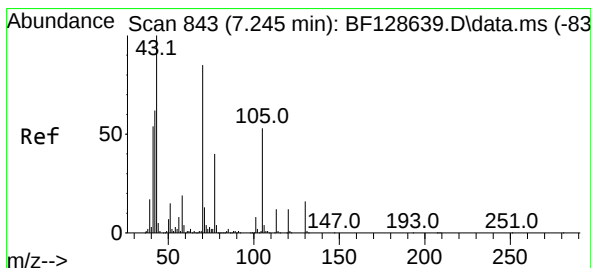
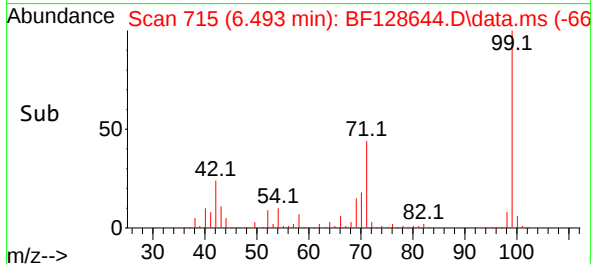
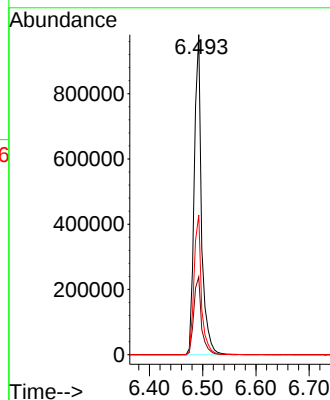
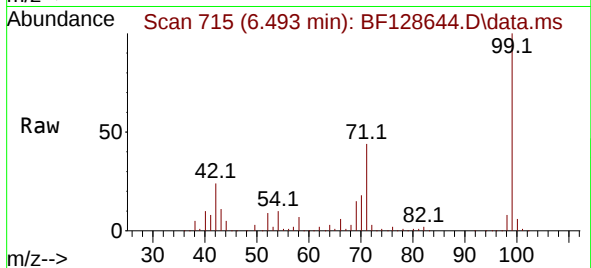




#7
Phenol-d6
Concen: 122.836 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF128644.D
Acq: 02 Jun 2022 16:30

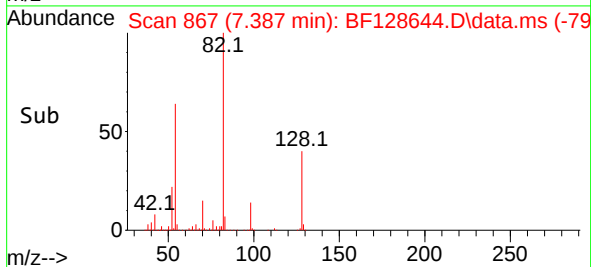
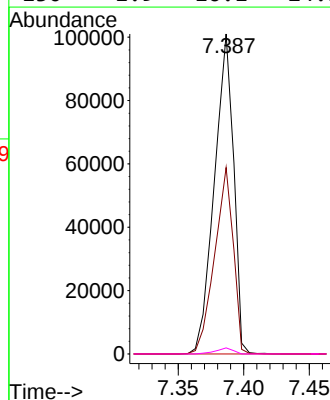
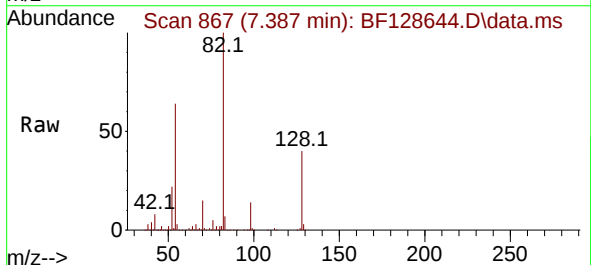
Instrument :
BNA_F
ClientSampleId :
PB145235BL

Tgt Ion: 99 Resp: 933242
Ion Ratio Lower Upper
99 100
42 24.3 17.3 25.9
71 43.6 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 21.739 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128644.D
Acq: 02 Jun 2022 16:30

Tgt Ion: 70 Resp: 102688
Ion Ratio Lower Upper
70 100
42 58.3 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



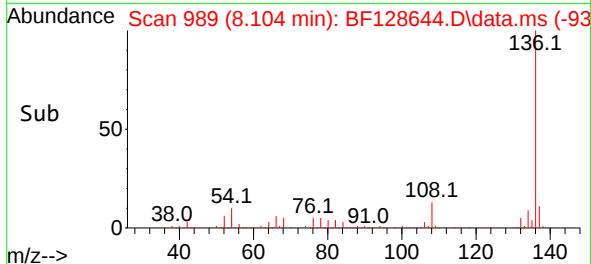
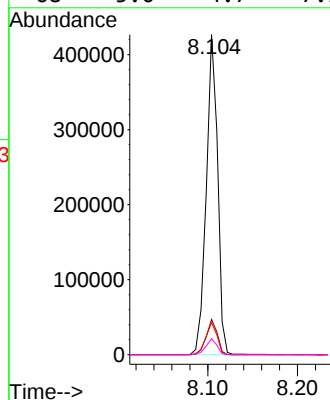
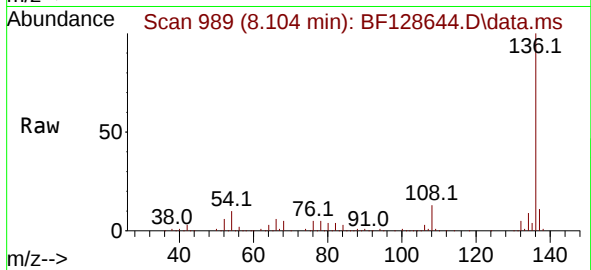


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128644.D
Acq: 02 Jun 2022 16:30

Instrument :
BNA_F
ClientSampleId :
PB145235BL

Tgt Ion:136 Resp: 373891

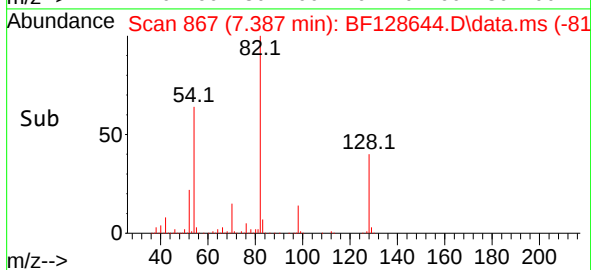
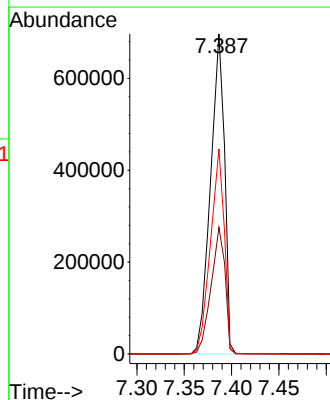
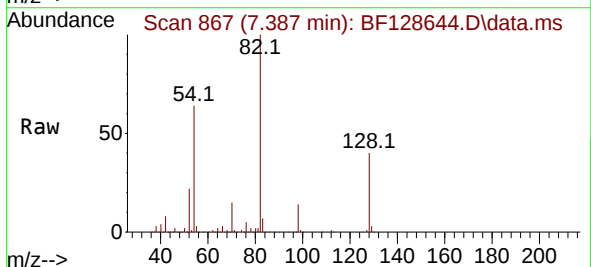
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.1	7.5	11.3
68	5.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 89.207 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128644.D
Acq: 02 Jun 2022 16:30

Tgt Ion: 82 Resp: 716384

Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.0	51.0
54	64.1	46.9	70.3

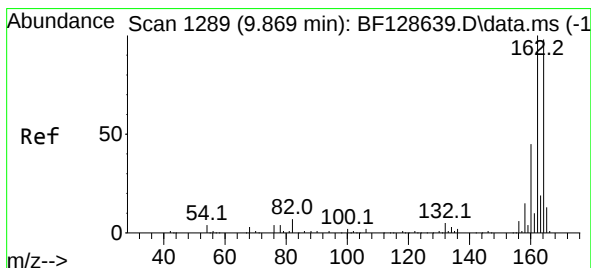
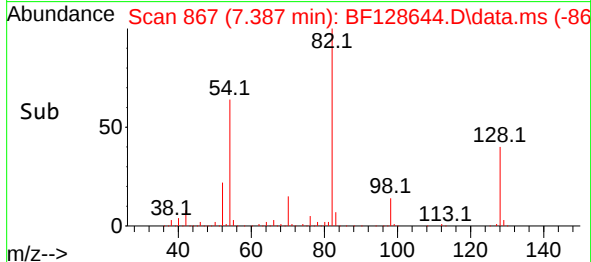
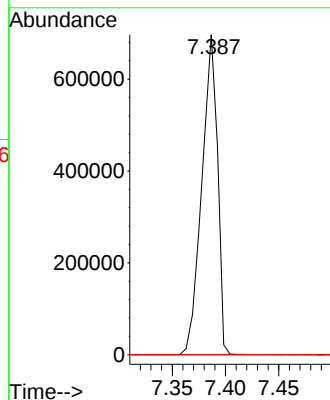
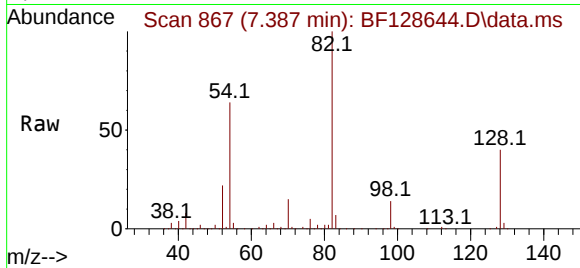




#25
Isophorone
Concen: 58.721 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128644.D
Acq: 02 Jun 2022 16:30

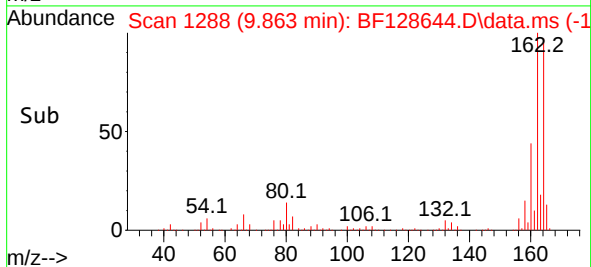
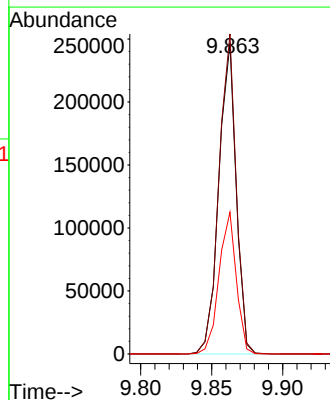
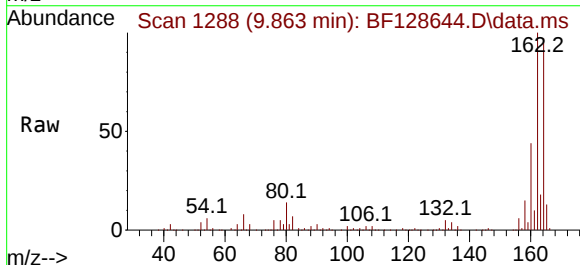
Instrument :
BNA_F
ClientSampleId :
PB145235BL

Tgt Ion: 82 Resp: 716203
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: BF128644.D
Acq: 02 Jun 2022 16:30

Tgt Ion:164 Resp: 209252
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 45.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 123.055 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128644.D

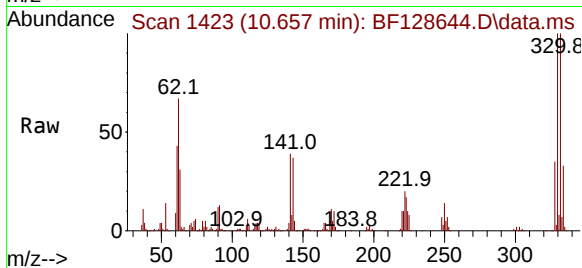
Acq: 02 Jun 2022 16:30

Instrument :

BNA_F

ClientSampleId :

PB145235BL



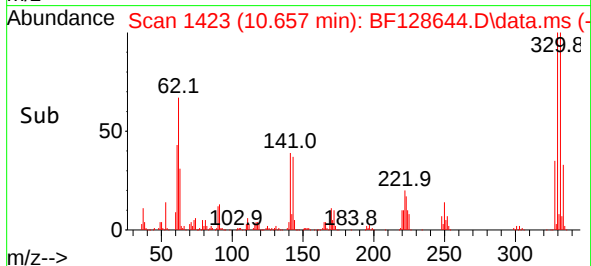
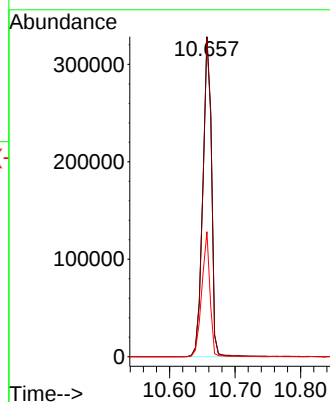
Tgt Ion:330 Resp: 304243

Ion Ratio Lower Upper

330 100

332 98.6 76.8 115.2

141 36.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 88.255 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128644.D

Acq: 02 Jun 2022 16:30

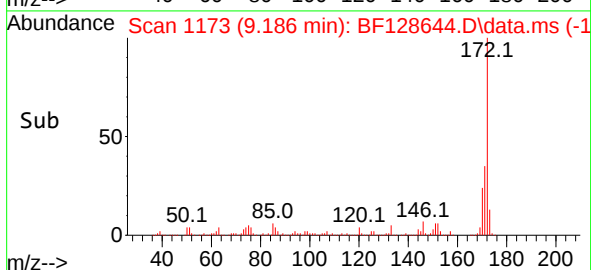
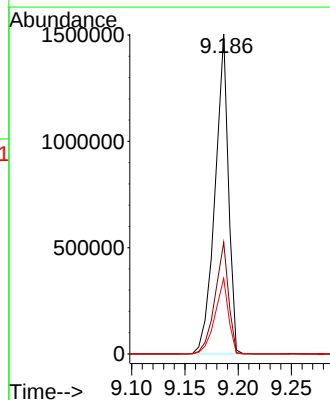
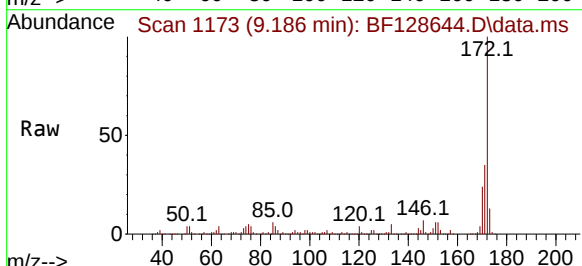
Tgt Ion:172 Resp: 1318363

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.413 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128644.D

Acq: 02 Jun 2022 16:30

Instrument :

BNA_F

ClientSampleId :

PB145235BL

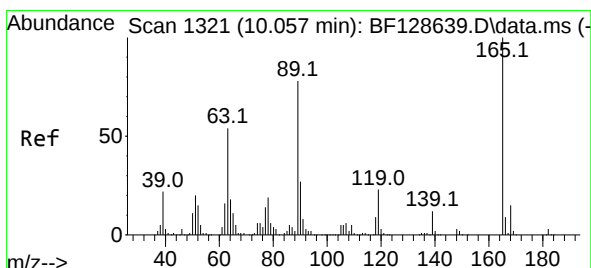
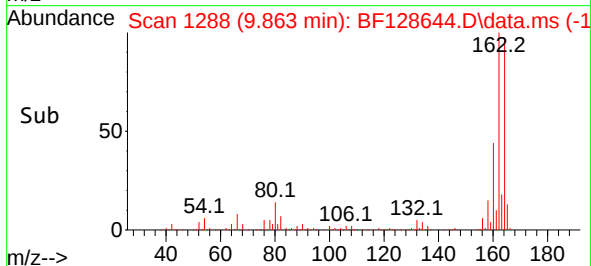
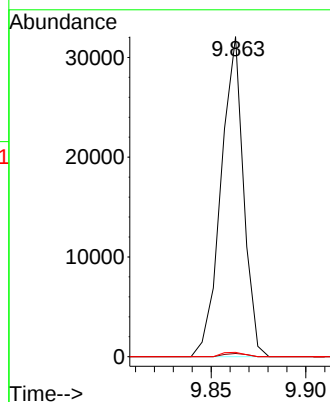
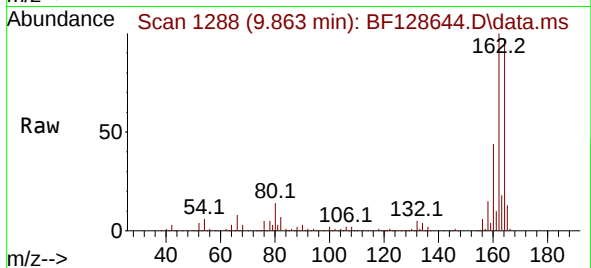
Tgt Ion:165 Resp: 26610

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.053 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128644.D

Acq: 02 Jun 2022 16:30

Tgt Ion:165 Resp: 26610

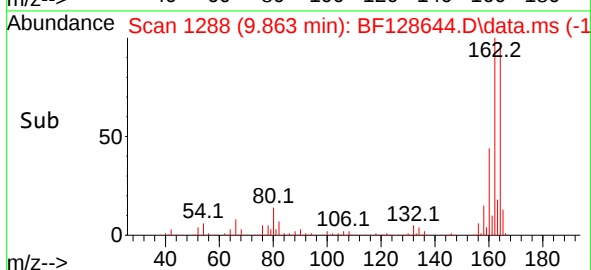
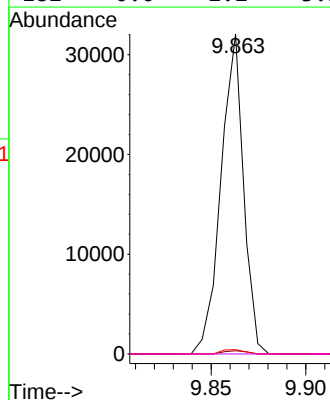
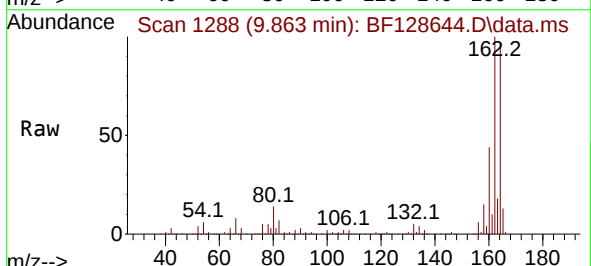
Ion Ratio Lower Upper

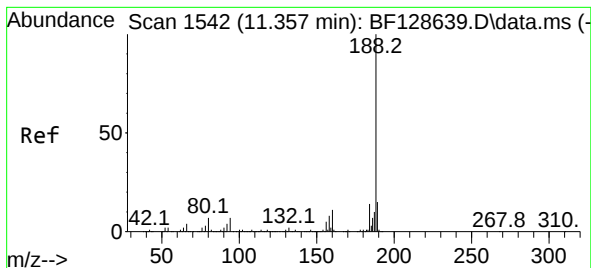
165 100

63 1.0 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# 1

Delta R.T. -0.006 min

Lab File: BF128644.D

Acq: 02 Jun 2022 16:30

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BNA_F

ClientSampleId :

PB145235BL

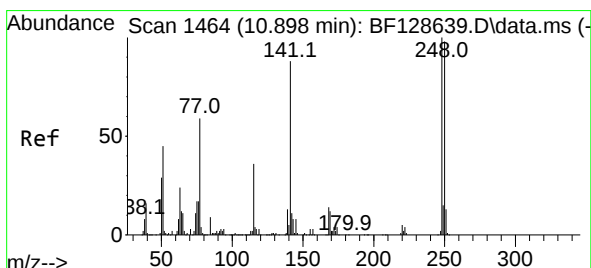
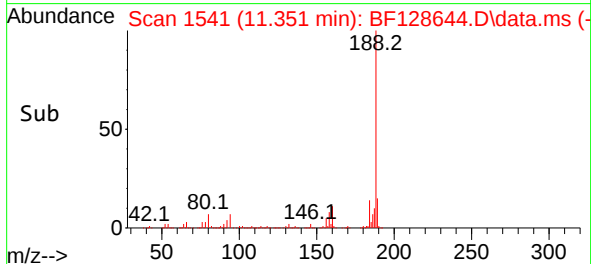
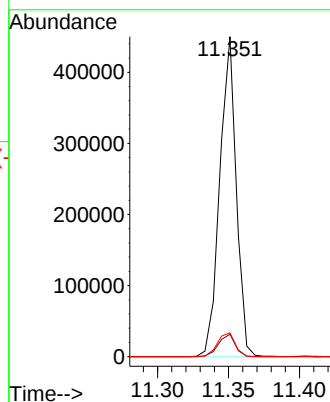
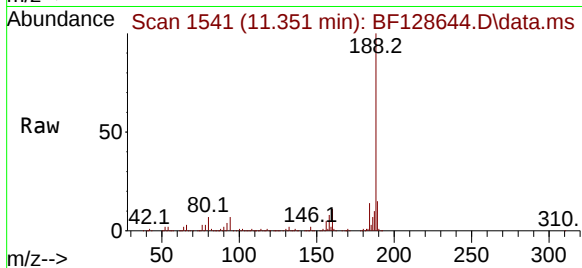
Tgt Ion:188 Resp: 363365

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: 4.975 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.241 min

Lab File: BF128644.D

Acq: 02 Jun 2022 16:30

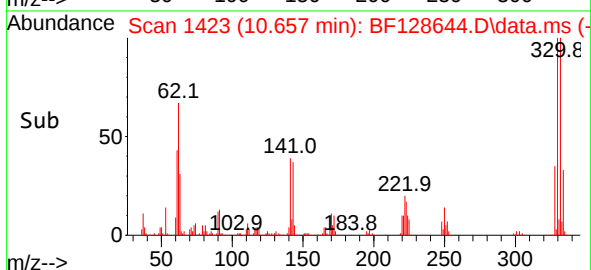
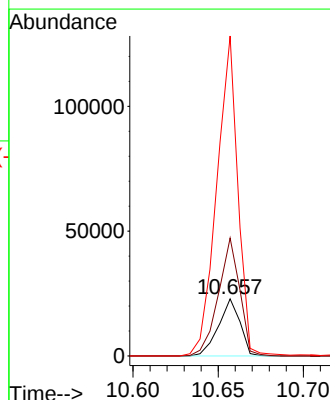
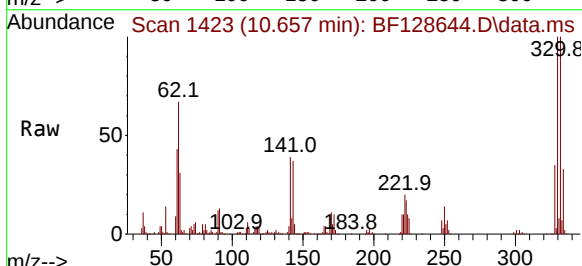
Tgt Ion:248 Resp: 20161

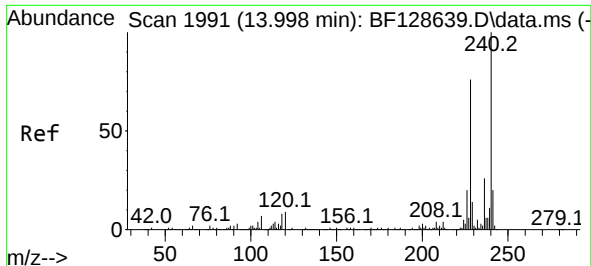
Ion Ratio Lower Upper

248 100

250 206.3 80.6 120.8#

141 559.8 58.9 88.3#

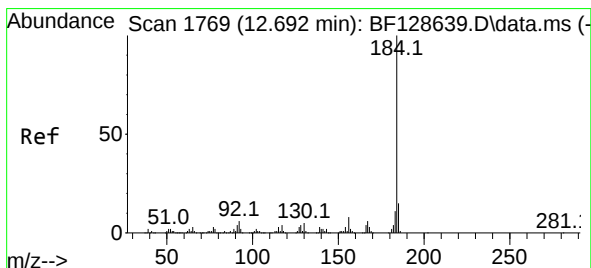
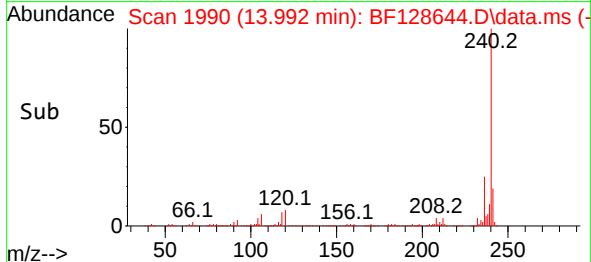
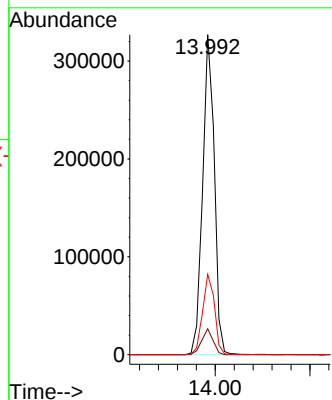
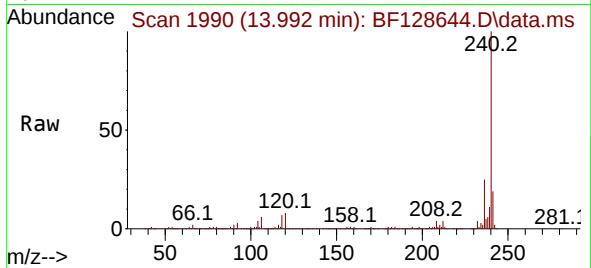




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF128644.D
Acq: 02 Jun 2022 16:30

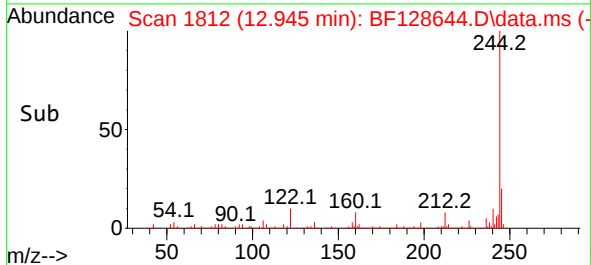
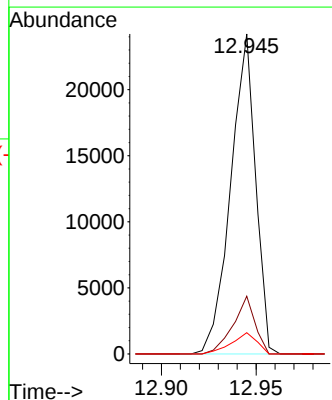
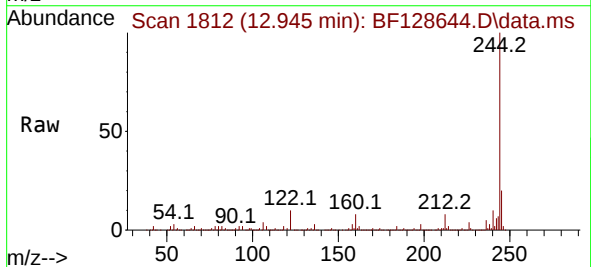
Instrument :
BNA_F
ClientSampleId :
PB145235BL

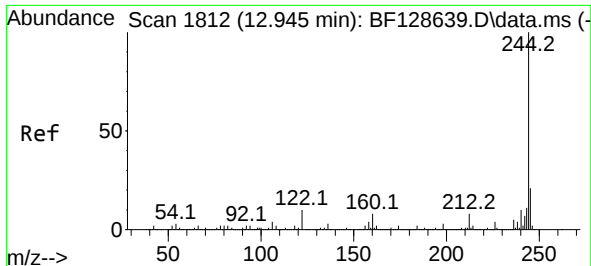
Tgt Ion:240 Resp: 279712
Ion Ratio Lower Upper
240 100
120 8.1 8.9 13.3#
236 25.1 20.8 31.2



#77
Benzidine
Concen: 3.961 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.253 min
Lab File: BF128644.D
Acq: 02 Jun 2022 16:30

Tgt Ion:184 Resp: 22085
Ion Ratio Lower Upper
184 100
185 18.1 11.9 17.9#
183 6.7 9.3 13.9#

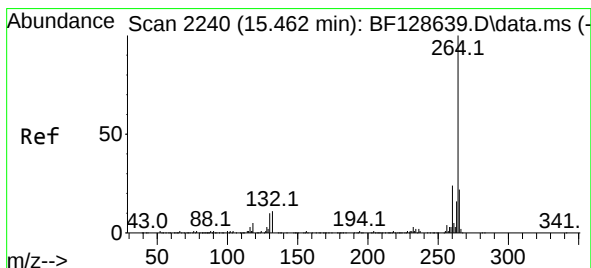
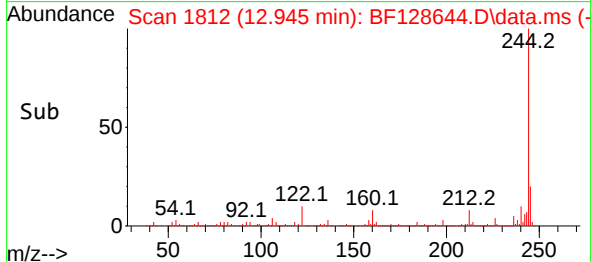
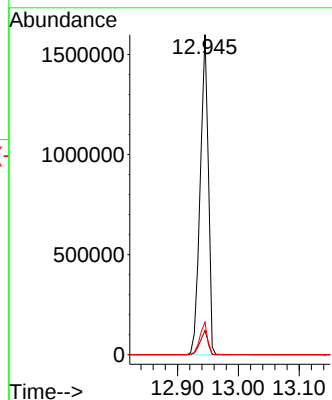
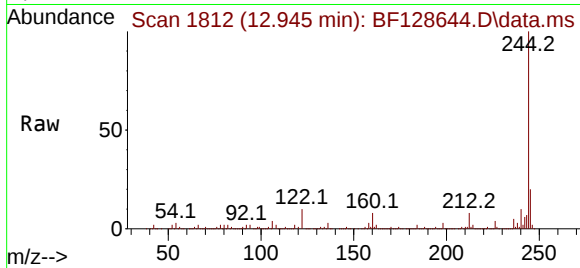




#79
 Terphenyl-d14
 Concen: 91.648 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128644.D
 Acq: 02 Jun 2022 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB145235BL

Tgt Ion:244 Resp: 1475290
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 10.2 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: BF128644.D
 Acq: 02 Jun 2022 16:30

Tgt Ion:264 Resp: 221760
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.1 17.2 25.8

