

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128933.D
 Acq On : 22 Jun 2022 15:54
 Operator : CG\JU
 Sample : PB145718TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145718TB

Quant Time: Jun 23 01:29:40 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 22 01:02:29 2022
 Response via : Initial Calibration

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

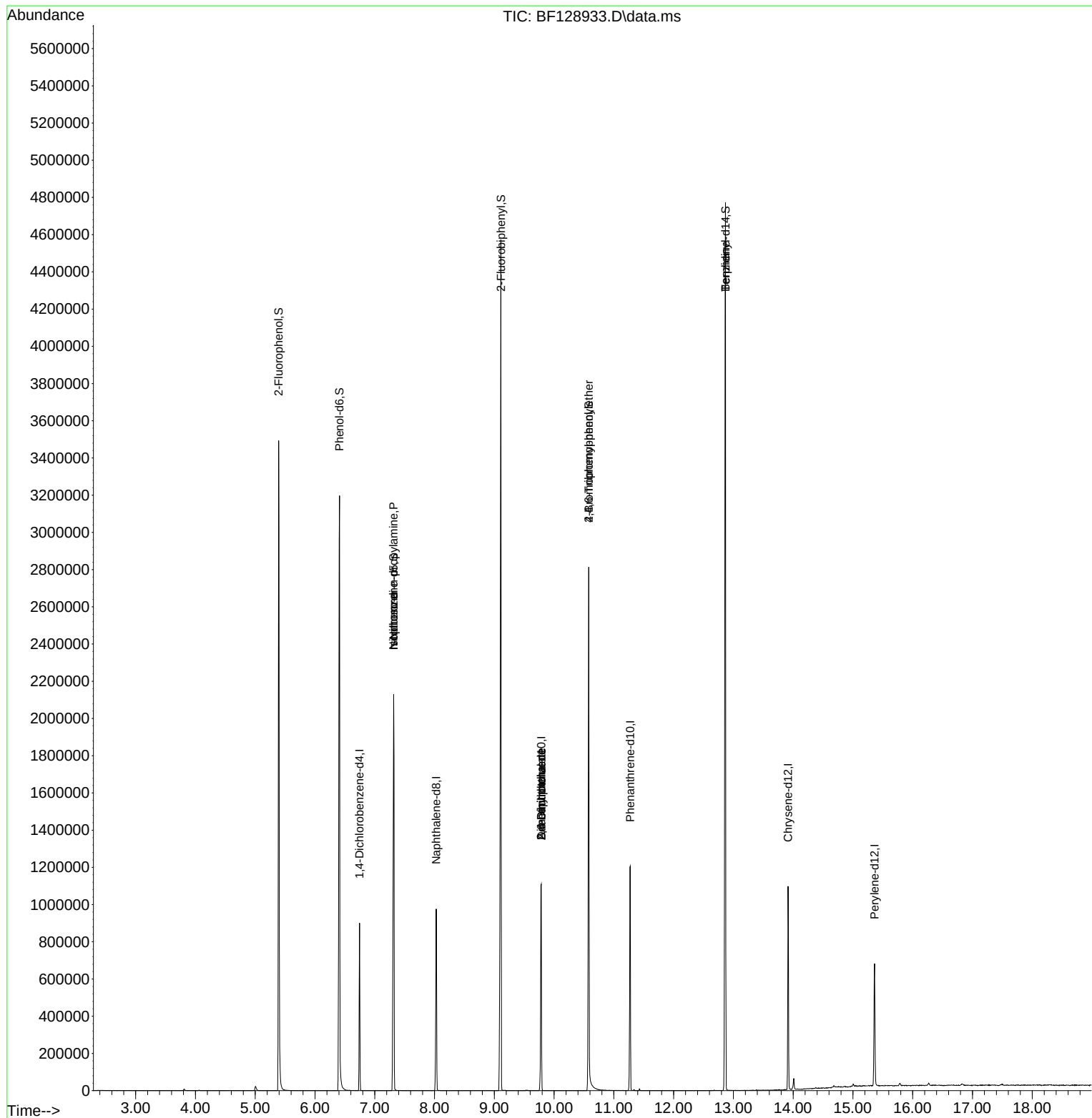
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	114393	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	412393	20.000	ng	-0.01
39) Acenaphthene-d10	9.786	164	251854	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	474114	20.000	ng	# 0.00
76) Chrysene-d12	13.915	240	370268	20.000	ng	#-0.01
86) Perylene-d12	15.362	264	288024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	890407	123.982	ng	0.00
7) Phenol-d6	6.410	99	1140052	130.046	ng	0.00
23) Nitrobenzene-d5	7.316	82	816927	92.230	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	349678	117.508	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1487819	82.752	ng	0.00
79) Terphenyl-d14	12.868	244	1822706	85.538	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	115752	21.236	ng	# 77
25) Isophorone	7.316	82	814689	60.560	ng	# 65
50) Dimethylphthalate	9.786	163	46549	2.700	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	33279	9.781	ng	# 26
57) 2,4-Dinitrotoluene	9.786	165	33279	7.329	ng	# 21
67) 4-Bromophenyl-phenylether	10.580	248	21819	4.127	ng	# 1
77) Benzidine	12.868	184	25960	3.517	ng	# 93

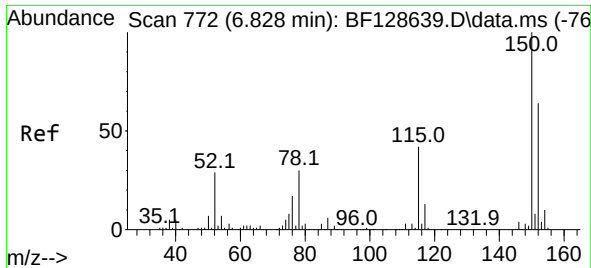
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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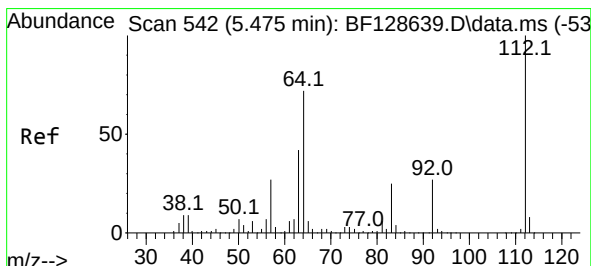
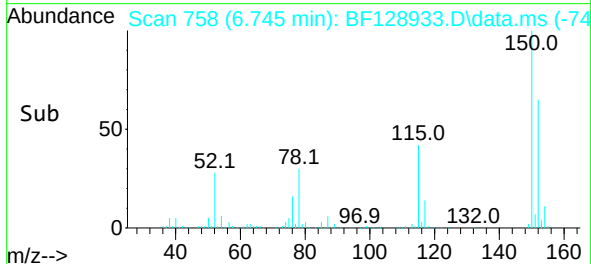
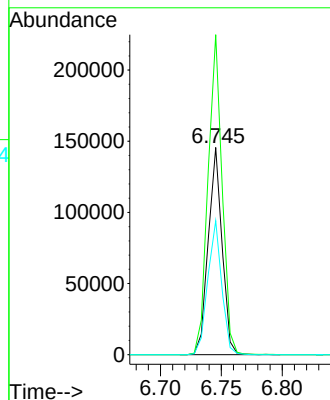
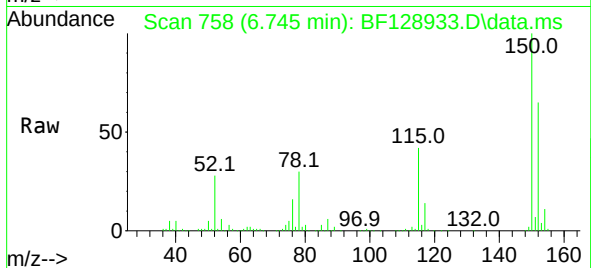




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

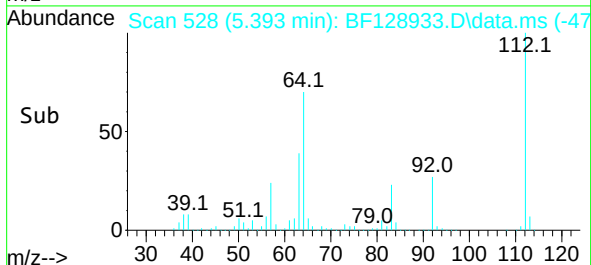
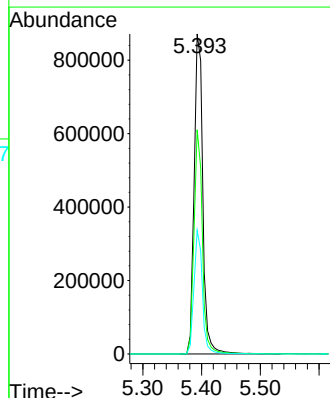
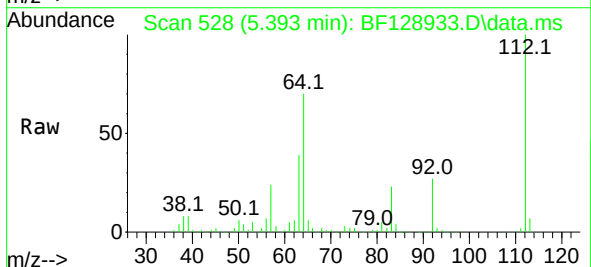
Instrument :
BNA_F
ClientSampleId :
PB145718TB

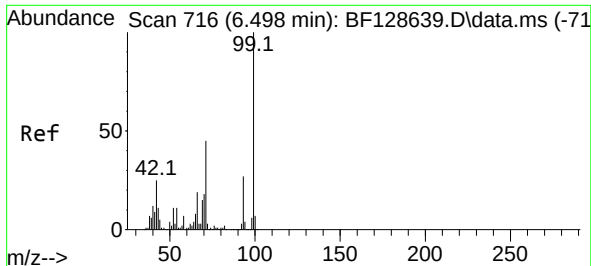
Tgt Ion:152 Resp: 114393
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 64.6 49.9 74.9



#5
2-Fluorophenol
Concen: 123.982 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

Tgt Ion:112 Resp: 890407
Ion Ratio Lower Upper
112 100
64 70.0 53.3 79.9
63 38.7 28.0 42.0

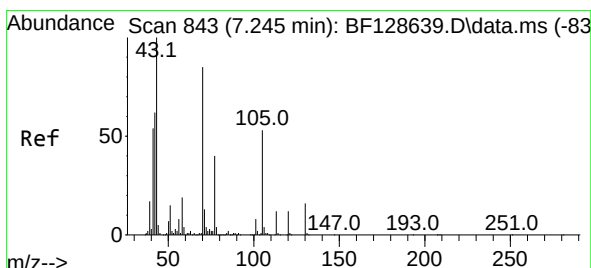
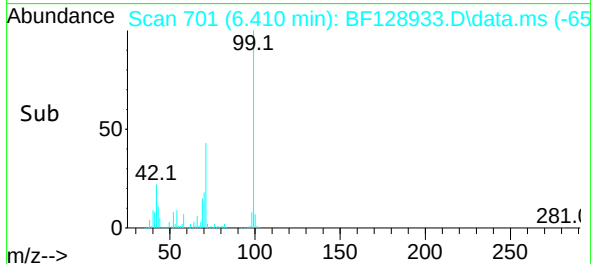
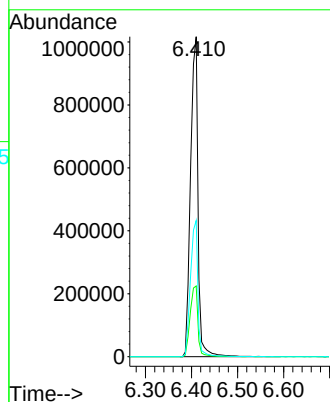
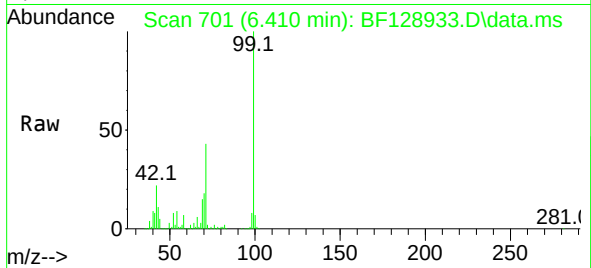




#7
Phenol-d6
Concen: 130.046 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

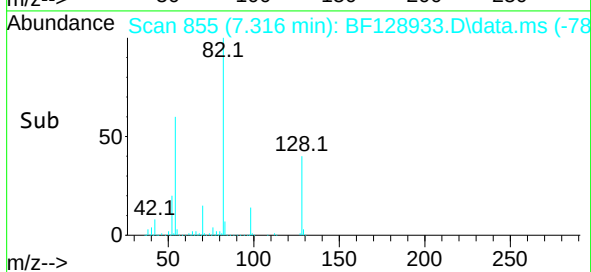
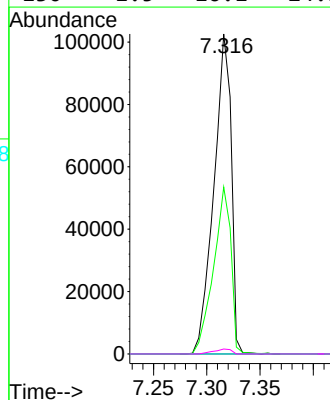
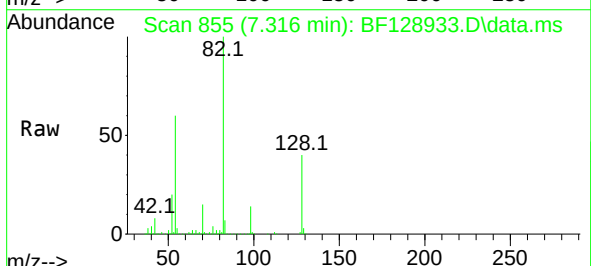
Instrument :
BNA_F
ClientSampleId :
PB145718TB

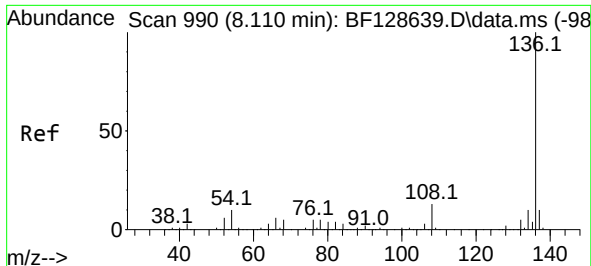
Tgt Ion: 99 Resp: 1140052
Ion Ratio Lower Upper
99 100
42 22.1 17.3 25.9
71 42.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.236 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.135 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

Tgt Ion: 70 Resp: 115752
Ion Ratio Lower Upper
70 100
42 52.1 52.3 78.5#
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.028 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128933.D

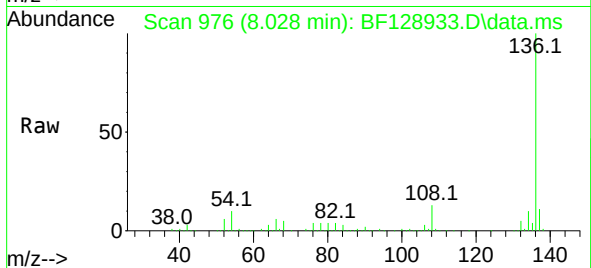
Acq: 22 Jun 2022 15:54

Instrument :

BNA_F

ClientSampleId :

PB145718TB



Tgt Ion:136 Resp: 412393

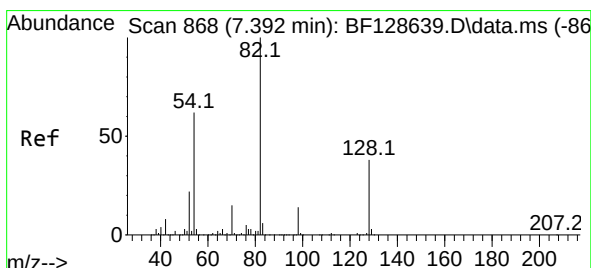
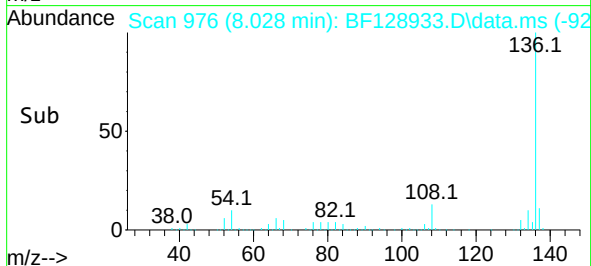
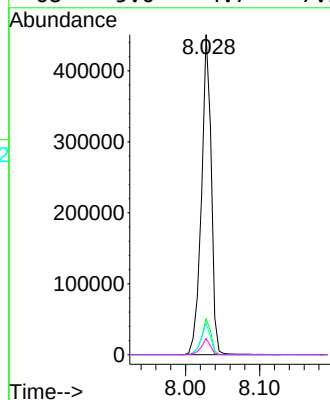
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.8 7.5 11.3

68 5.0 4.7 7.1



#23

Nitrobenzene-d5

Concen: 92.230 ng

RT: 7.316 min Scan# 855

Delta R.T. -0.012 min

Lab File: BF128933.D

Acq: 22 Jun 2022 15:54

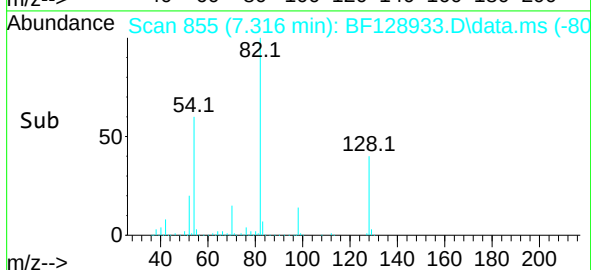
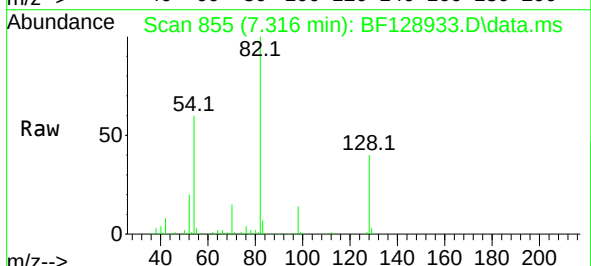
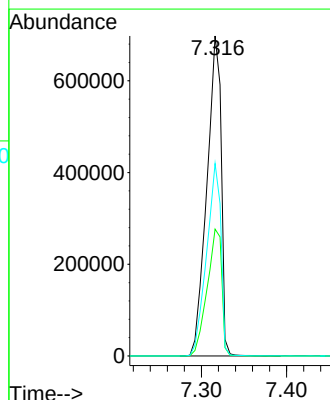
Tgt Ion: 82 Resp: 816927

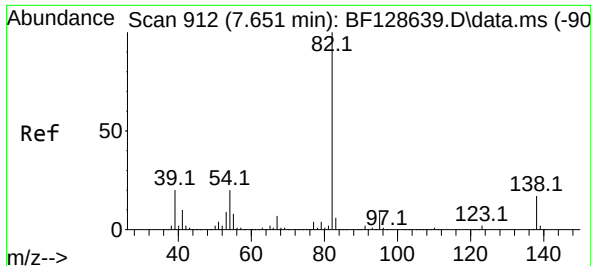
Ion Ratio Lower Upper

82 100

128 39.7 34.0 51.0

54 60.2 46.9 70.3

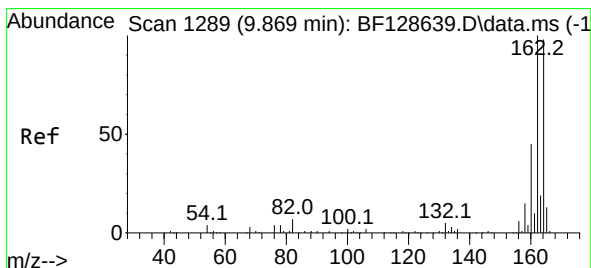
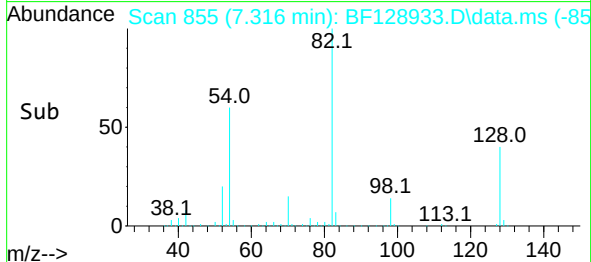
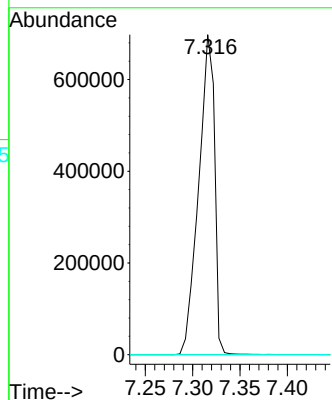
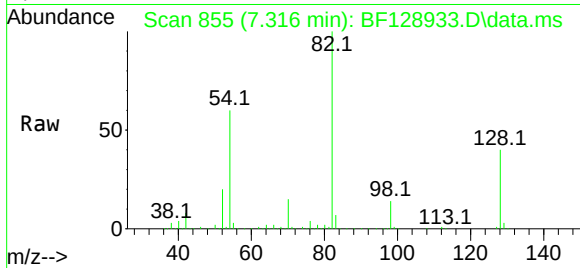




#25
Isophorone
Concen: 60.560 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

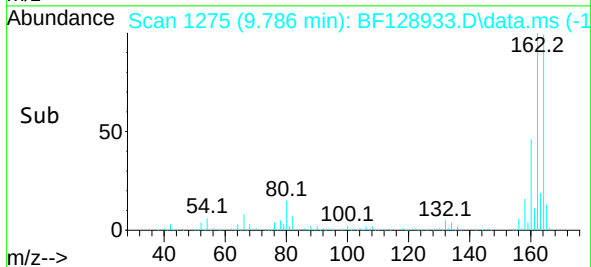
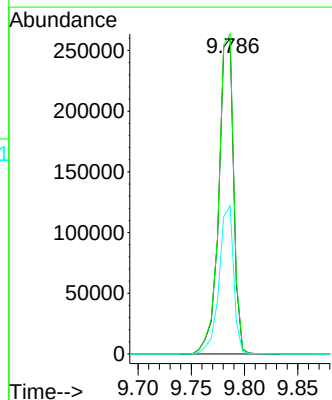
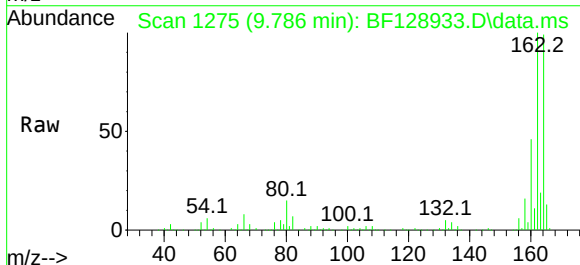
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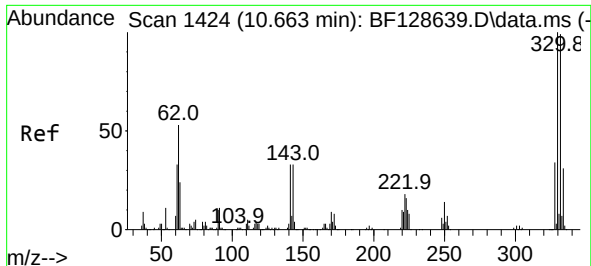
Tgt Ion: 82 Resp: 814689
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

Tgt Ion:164 Resp: 251854
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 46.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 117.508 ng

RT: 10.580 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF128933.D

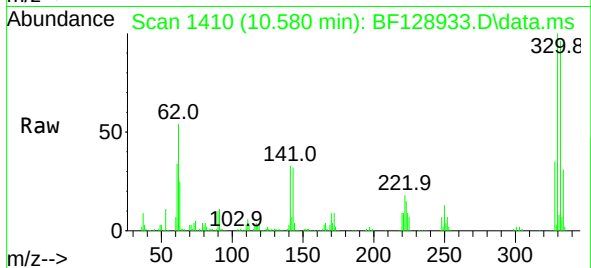
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Instrument :

BNA_F

ClientSampleId :

PB145718TB



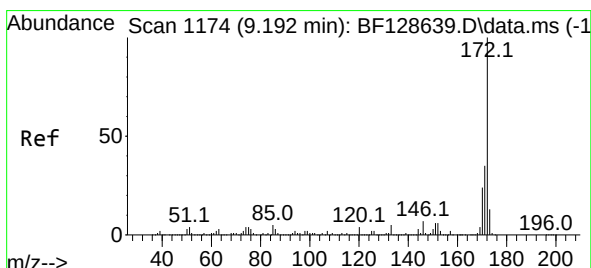
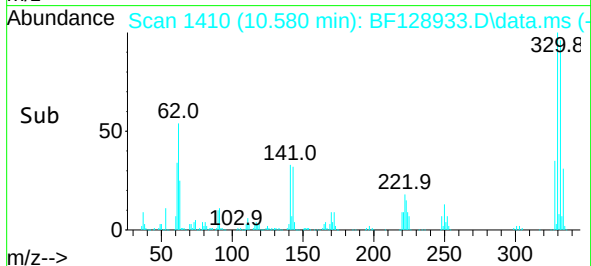
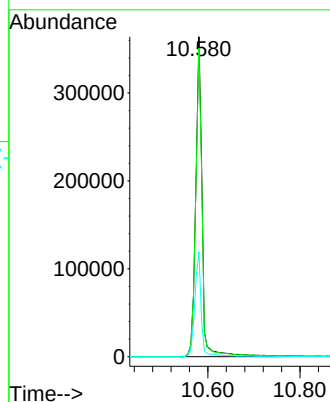
Tgt Ion:330 Resp: 349678

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 33.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.752 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128933.D

Acq: 22 Jun 2022 15:54

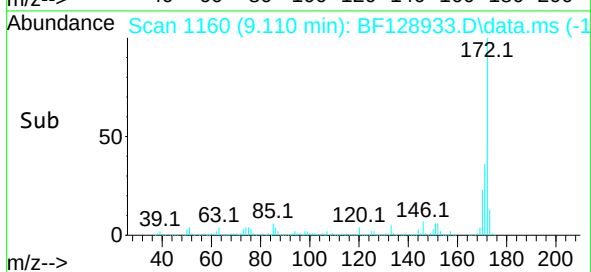
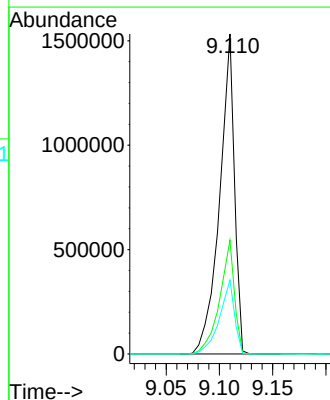
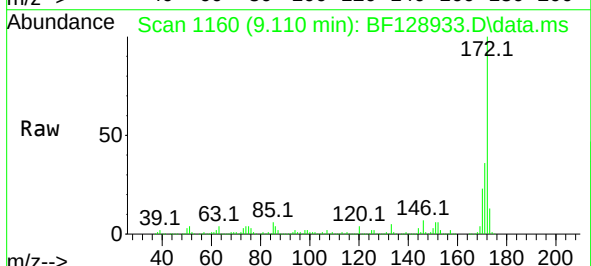
Tgt Ion:172 Resp: 1487819

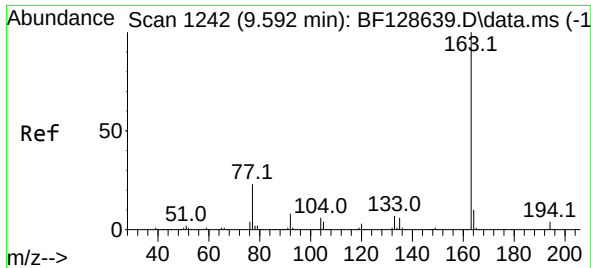
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.1 19.8 29.8

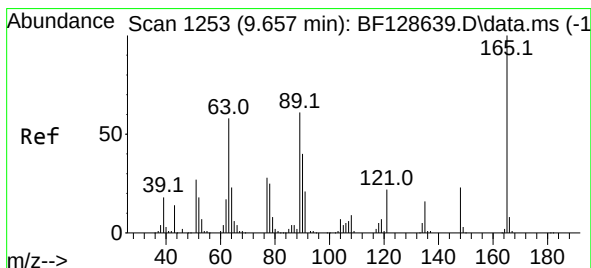
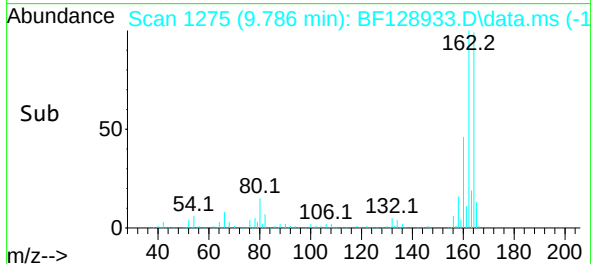
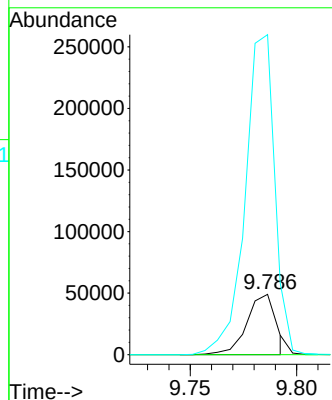
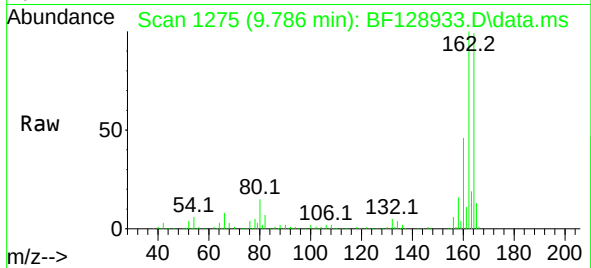




#50
Dimethylphthalate
Concen: 2.700 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

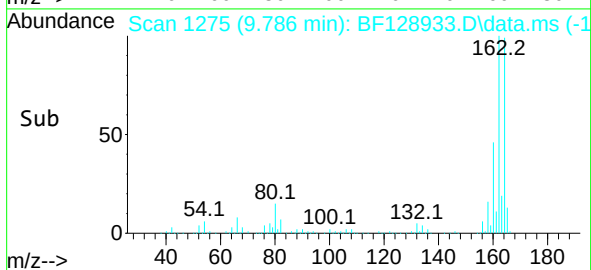
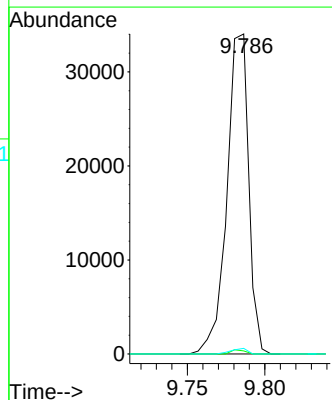
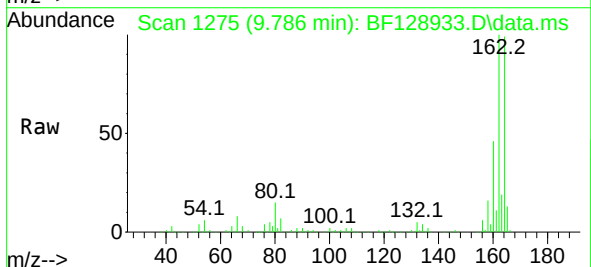
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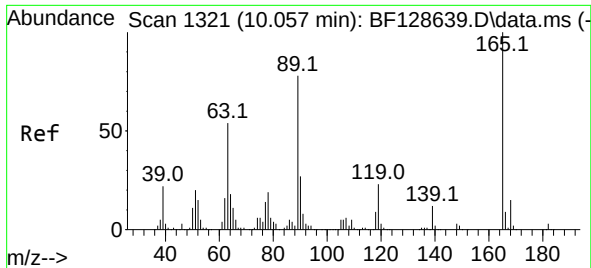
Tgt Ion:163 Resp: 46549
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 529.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.781 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.200 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

Tgt Ion:165 Resp: 33279
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.7 43.6 65.4#

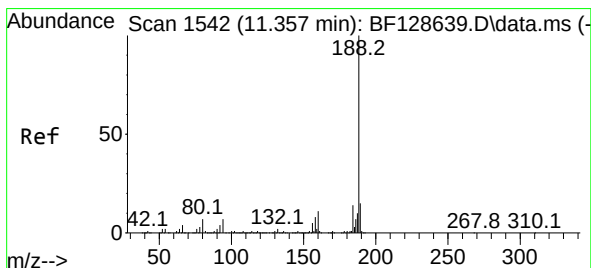
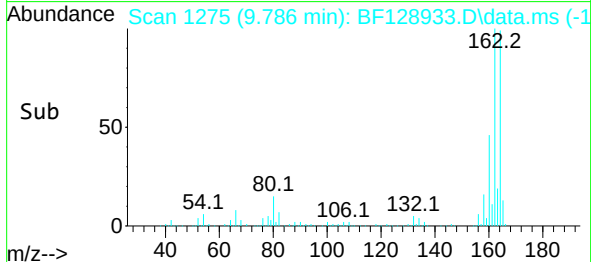
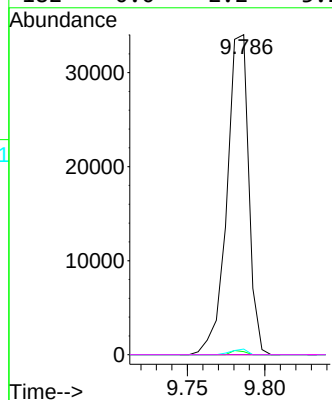
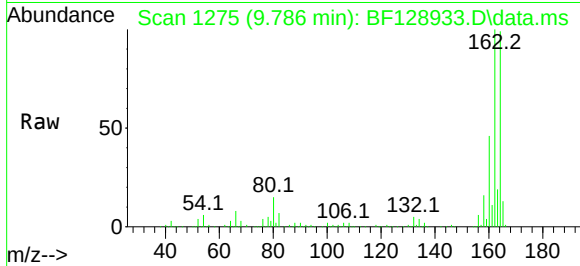




#57
2,4-Dinitrotoluene
Concen: 7.329 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

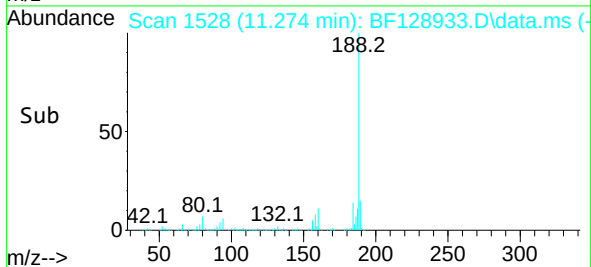
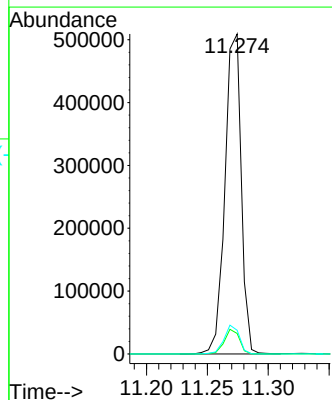
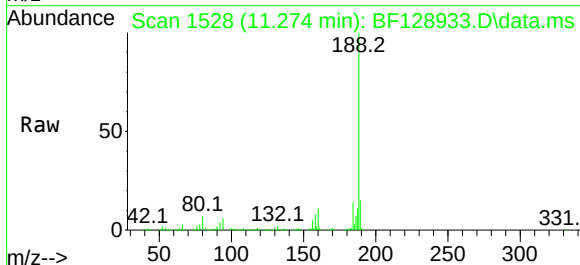
Instrument :
BNA_F
ClientSampleId :
PB145718TB

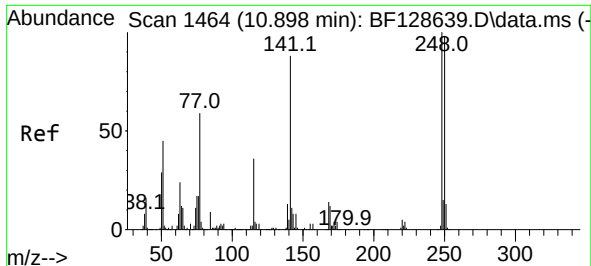
Tgt Ion:165 Resp: 33279
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.7 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

Tgt Ion:188 Resp: 474114
Ion Ratio Lower Upper
188 100
94 6.4 7.0 10.6#
80 7.4 7.6 11.4#

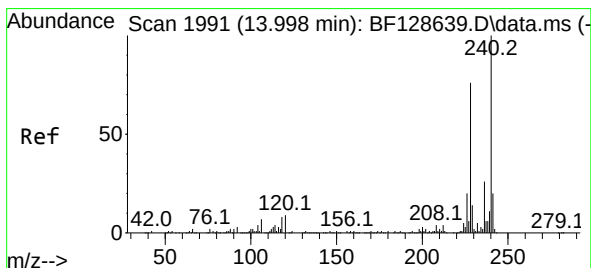
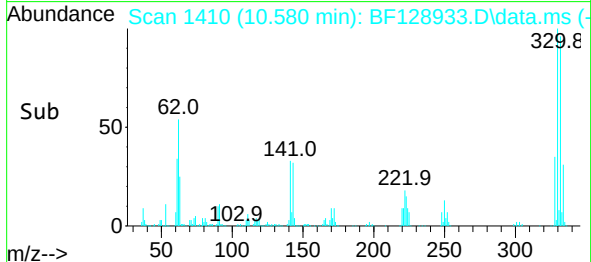
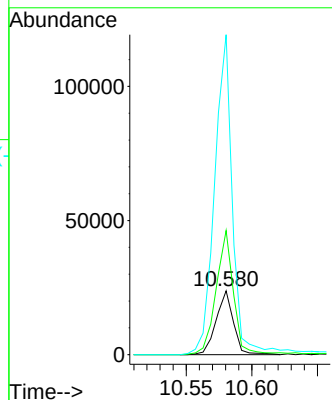
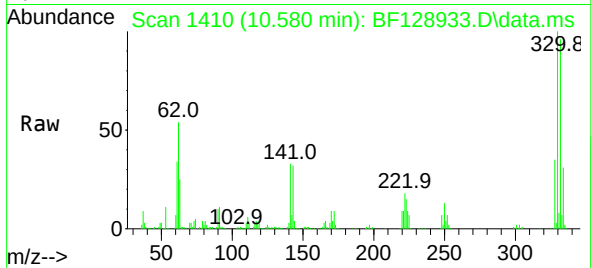




#67
4-Bromophenyl-phenylether
Concen: 4.127 ng
RT: 10.580 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

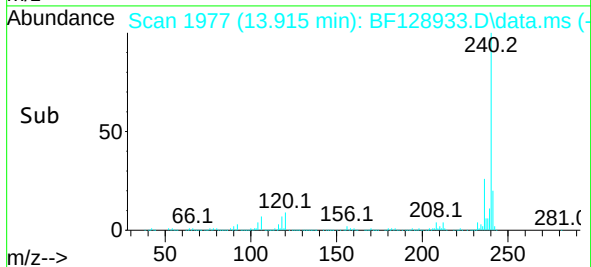
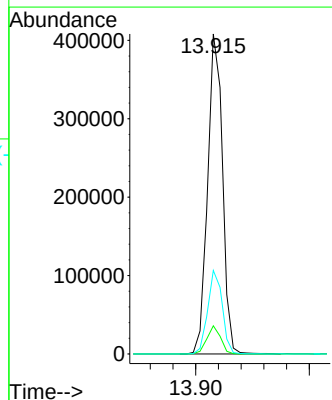
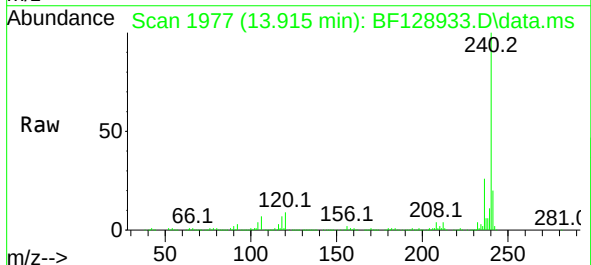
Instrument :
BNA_F
ClientSampleId :
PB145718TB

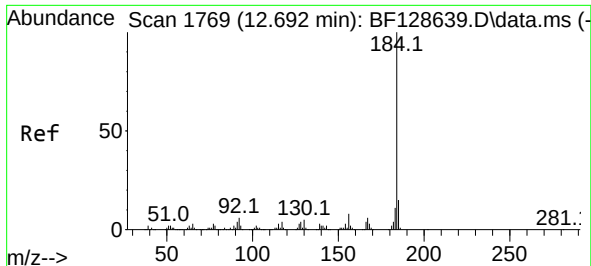
Tgt Ion:248 Resp: 21819
Ion Ratio Lower Upper
248 100
250 194.7 80.6 120.8#
141 501.7 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

Tgt Ion:240 Resp: 370268
Ion Ratio Lower Upper
240 100
120 8.8 8.9 13.3#
236 26.1 20.8 31.2

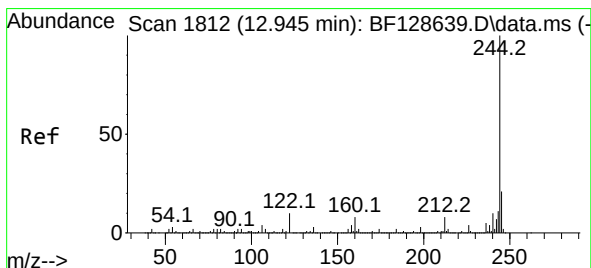
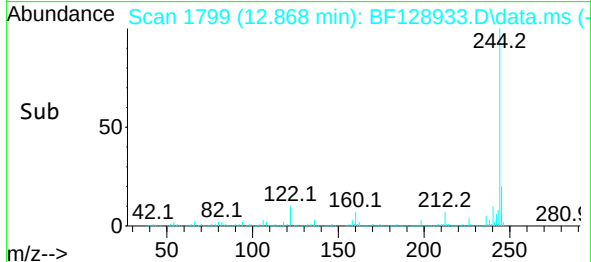
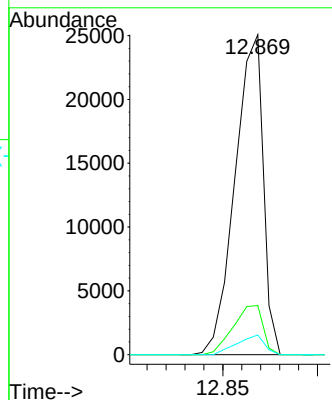
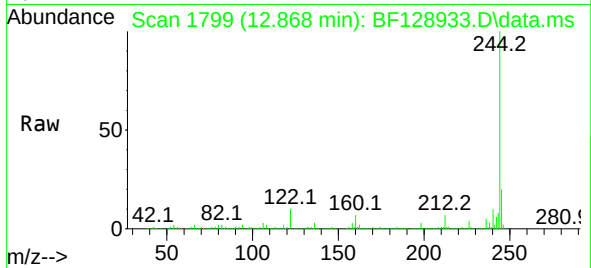




#77
Benzidine
Concen: 3.517 ng
RT: 12.868 min Scan# 1799
Delta R.T. 0.253 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

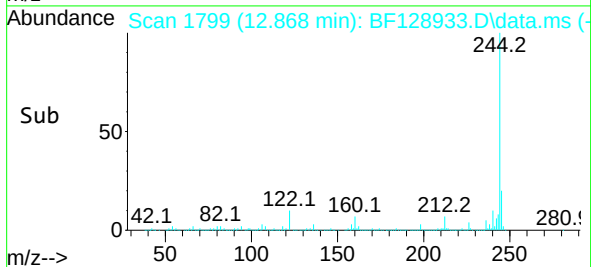
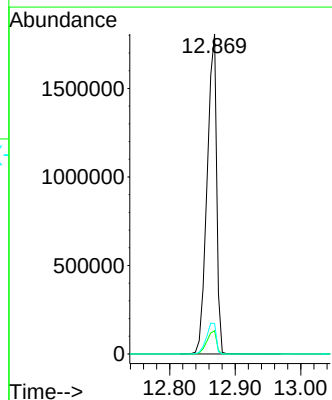
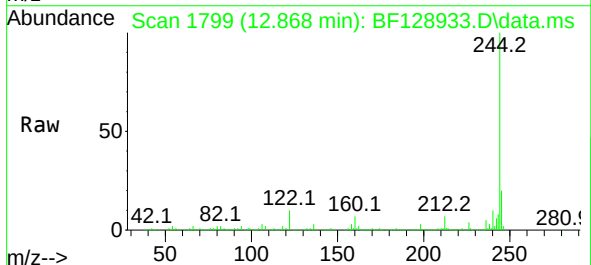
Instrument :
BNA_F
ClientSampleId :
PB145718TB

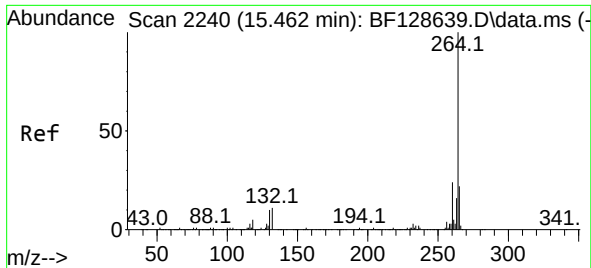
Tgt Ion:184 Resp: 25960
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 6.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 85.538 ng
RT: 12.868 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF128933.D
Acq: 22 Jun 2022 15:54

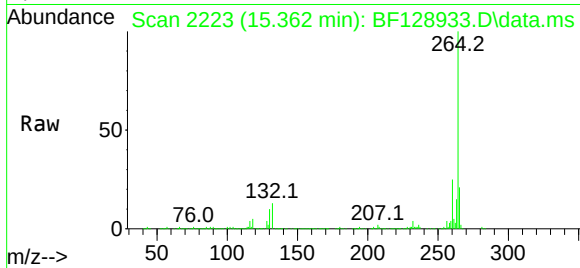
Tgt Ion:244 Resp: 1822706
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 9.5 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.362 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF128933.D
 Acq: 22 Jun 2022 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB145718TB



Tgt Ion:264 Resp: 288024
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 21.0 17.2 25.8

