

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128931.D
 Acq On : 22 Jun 2022 14:57
 Operator : CG\JU
 Sample : PB145737BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145737BL

Quant Time: Jun 23 01:28:58 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)

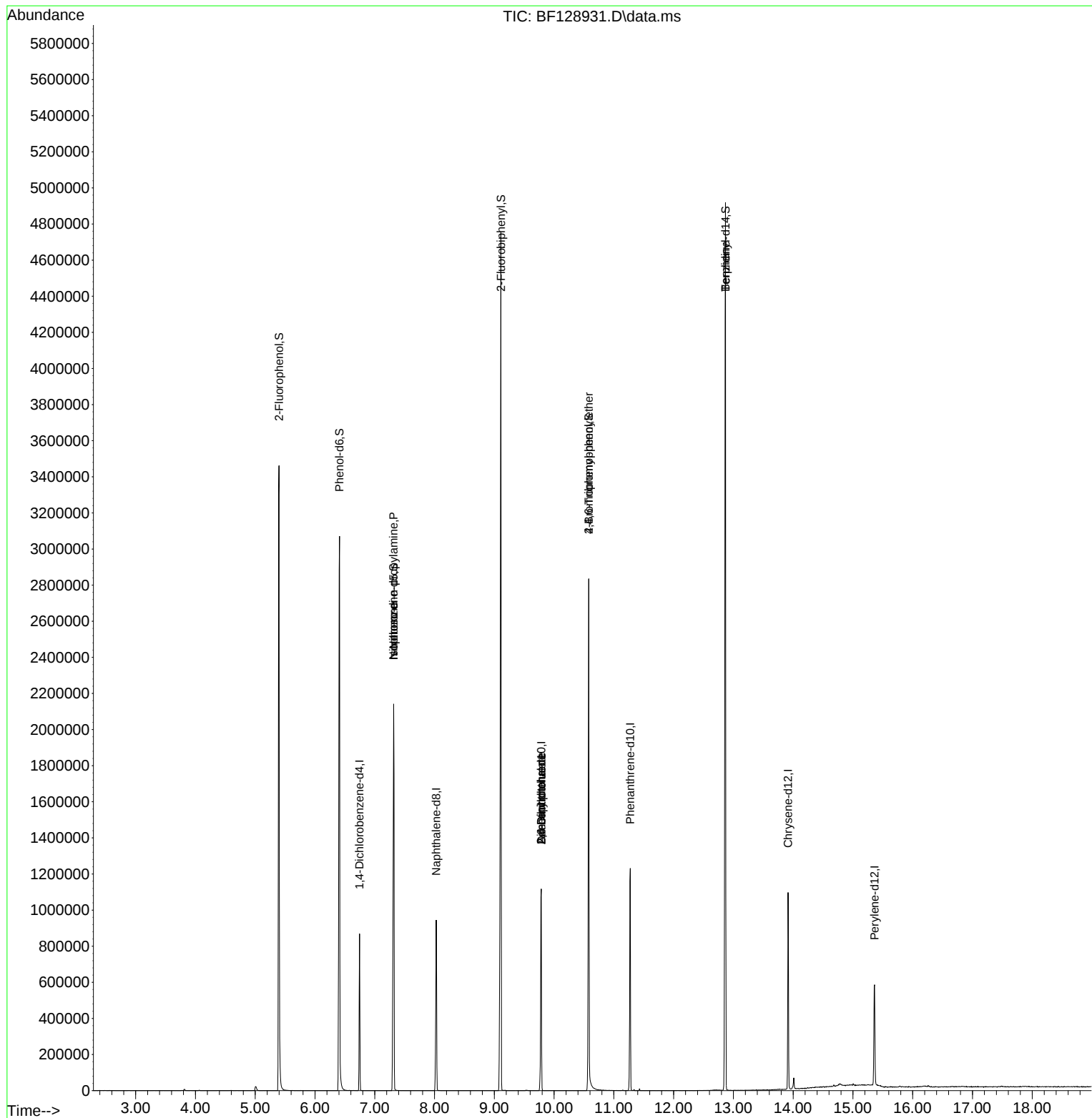
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	113646	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	425496	20.000	ng	-0.01
39) Acenaphthene-d10	9.786	164	253988	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	474133	20.000	ng	# 0.00
76) Chrysene-d12	13.916	240	364687	20.000	ng	#-0.01
86) Perylene-d12	15.363	264	259295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	910278	127.582	ng	0.01
7) Phenol-d6	6.410	99	1115408	128.071	ng	0.00
23) Nitrobenzene-d5	7.316	82	829512	90.767	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	343230	114.372	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1577410	86.998	ng	0.00
79) Terphenyl-d14	12.869	244	1840543	87.697	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	117816	21.757	ng	# 78
25) Isophorone	7.316	82	826814	59.569	ng	# 65
50) Dimethylphthalate	9.786	163	47005	2.704	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	31675	9.231	ng	# 25
57) 2,4-Dinitrotoluene	9.786	165	31675	6.917	ng	# 21
67) 4-Bromophenyl-phenylether	10.580	248	22819	4.316	ng	# 1
77) Benzidine	12.869	184	26919	3.703	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
Data File : BF128931.D
Acq On : 22 Jun 2022 14:57
Operator : CG\JU
Sample : PB145737BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB145737BL

Quant Time: Jun 23 01:28:58 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

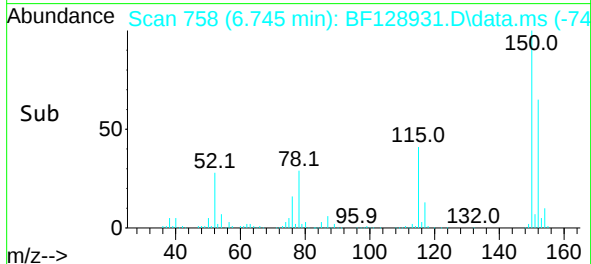
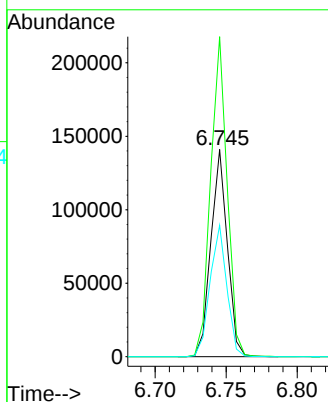
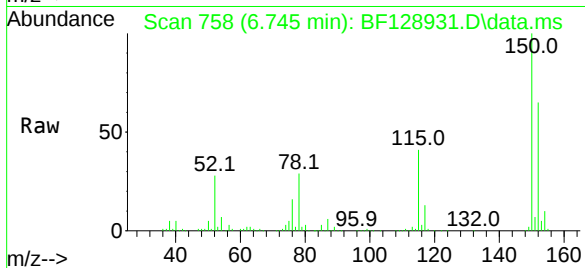




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128931.D
Acq: 22 Jun 2022 14:57

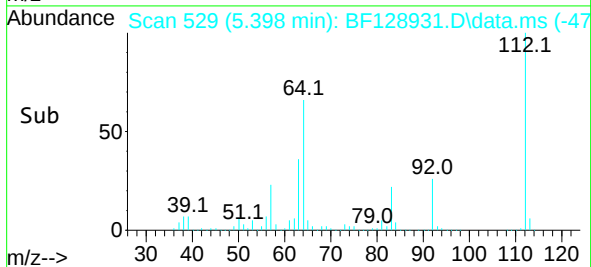
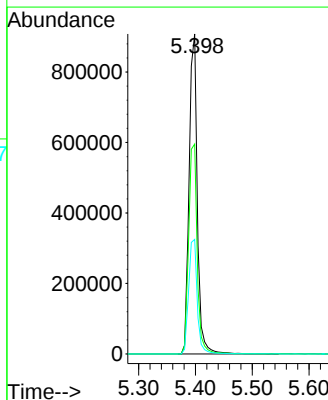
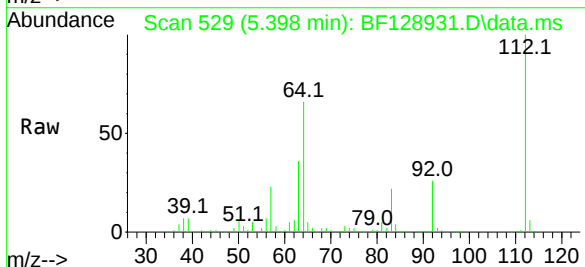
Instrument :
BNA_F
ClientSampleId :
PB145737BL

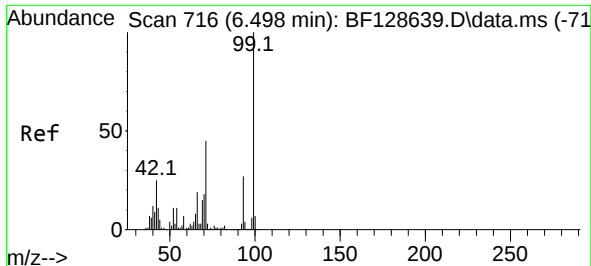
Tgt Ion:152 Resp: 113646
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 127.582 ng
RT: 5.398 min Scan# 529
Delta R.T. 0.012 min
Lab File: BF128931.D
Acq: 22 Jun 2022 14:57

Tgt Ion:112 Resp: 910278
Ion Ratio Lower Upper
112 100
64 65.6 53.3 79.9
63 35.8 28.0 42.0

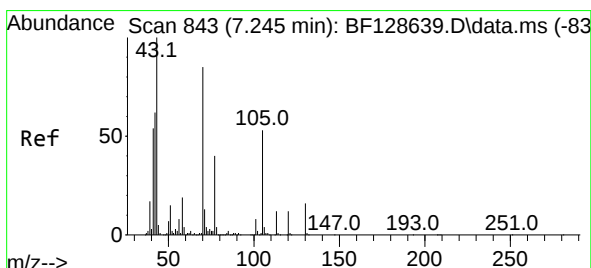
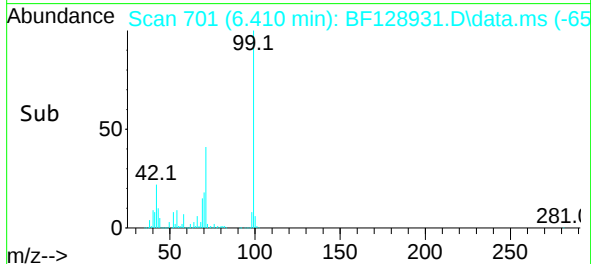
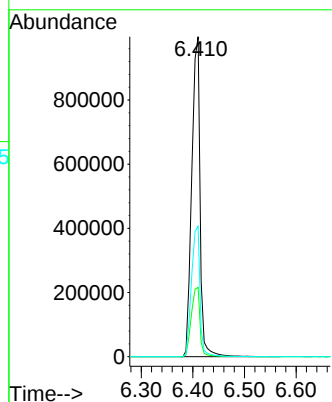
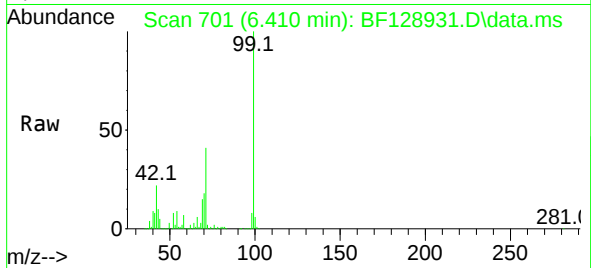




#7
Phenol-d6
Concen: 128.071 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF128931.D
Acq: 22 Jun 2022 14:57

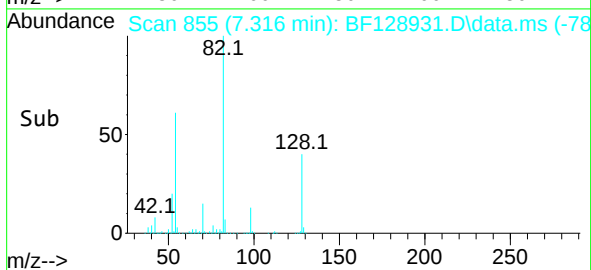
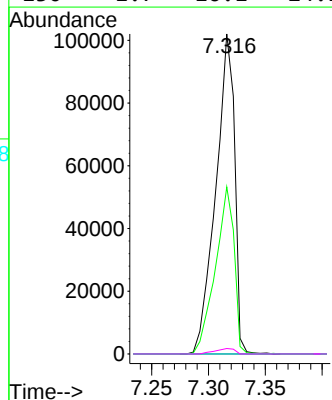
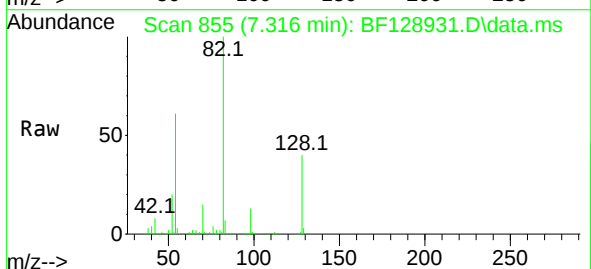
Instrument :
BNA_F
ClientSampleId :
PB145737BL

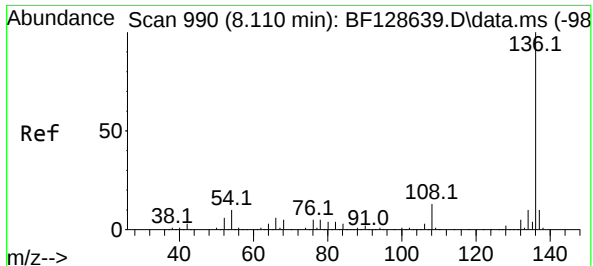
Tgt Ion: 99 Resp: 1115408
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 40.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.757 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.135 min
Lab File: BF128931.D
Acq: 22 Jun 2022 14:57

Tgt Ion: 70 Resp: 117816
Ion Ratio Lower Upper
70 100
42 52.2 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: 8.028 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128931.D

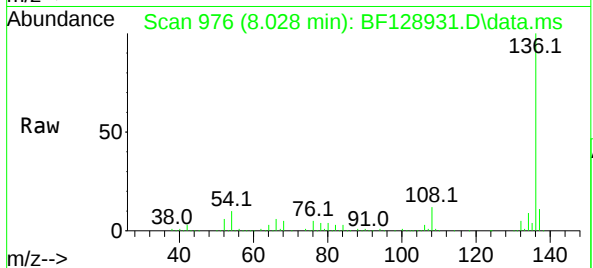
Acq: 22 Jun 2022 14:57

Instrument :

BNA_F

ClientSampleId :

PB145737BL



Tgt Ion:136 Resp: 425496

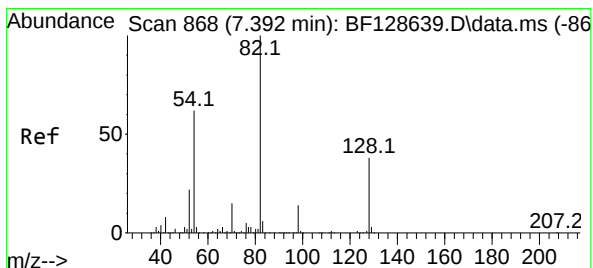
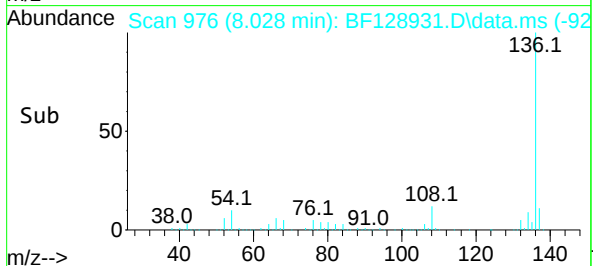
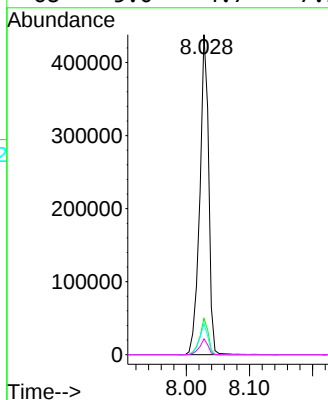
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.6 7.5 11.3

68 5.0 4.7 7.1



#23

Nitrobenzene-d5

Concen: 90.767 ng

RT: 7.316 min Scan# 855

Delta R.T. -0.012 min

Lab File: BF128931.D

Acq: 22 Jun 2022 14:57

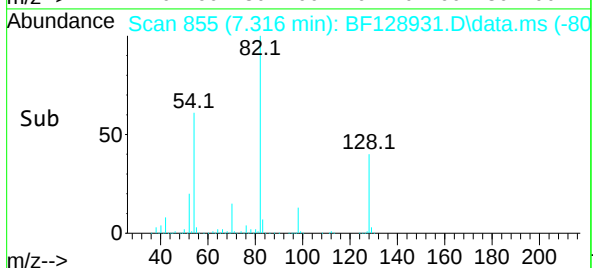
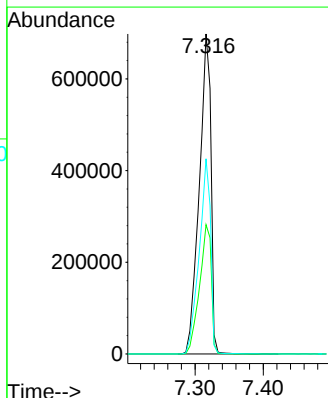
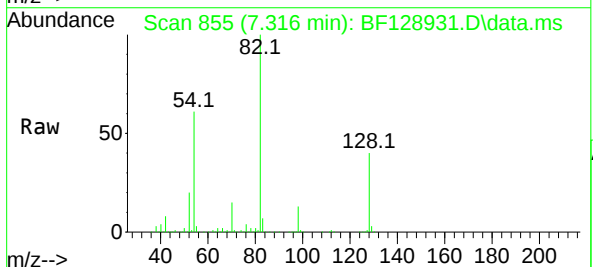
Tgt Ion: 82 Resp: 829512

Ion Ratio Lower Upper

82 100

128 40.4 34.0 51.0

54 61.0 46.9 70.3

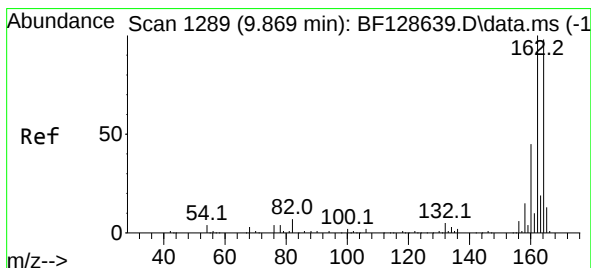
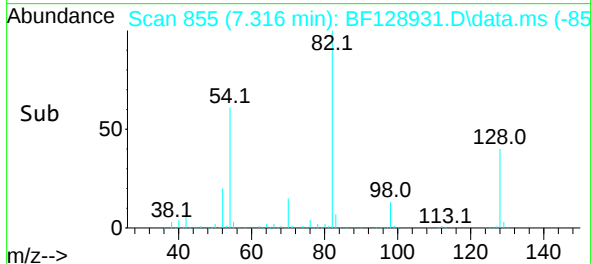
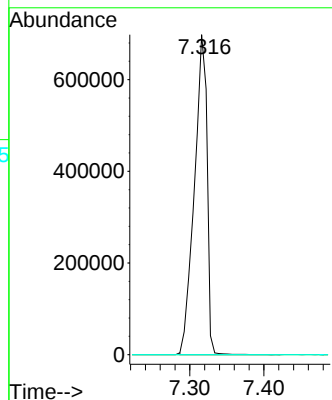
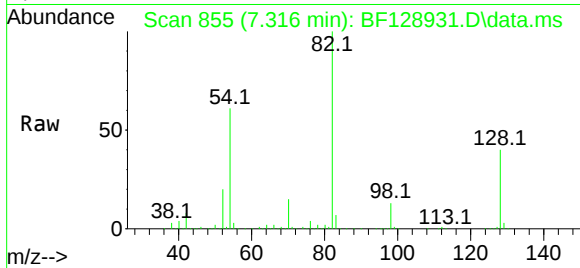




#25
Isophorone
Concen: 59.569 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128931.D
Acq: 22 Jun 2022 14:57

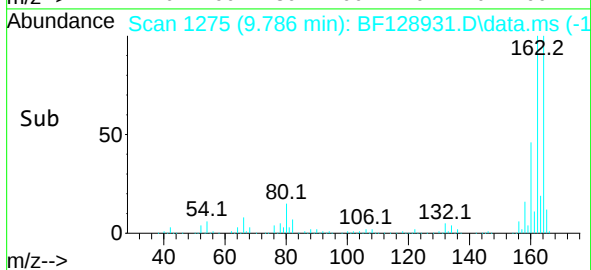
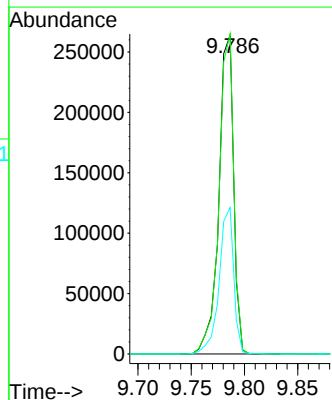
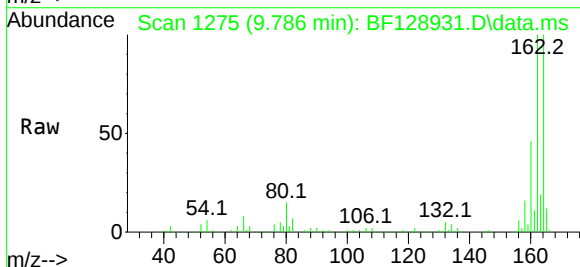
Instrument :
BNA_F
ClientSampleId :
PB145737BL

Tgt Ion: 82 Resp: 826814
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: BF128931.D
Acq: 22 Jun 2022 14:57

Tgt Ion:164 Resp: 253988
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 45.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 114.372 ng

RT: 10.580 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF128931.D

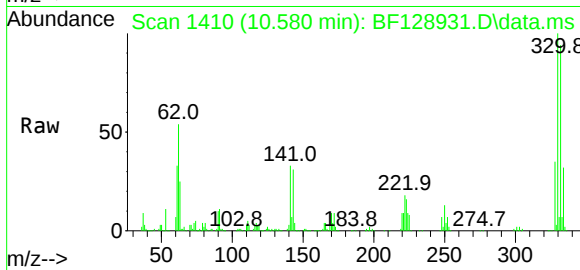
Acq: 22 Jun 2022 14:57

Instrument :

BNA_F

ClientSampleId :

PB145737BL



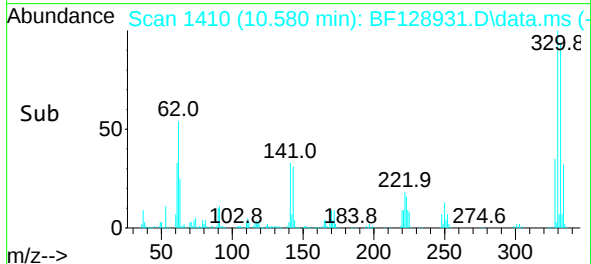
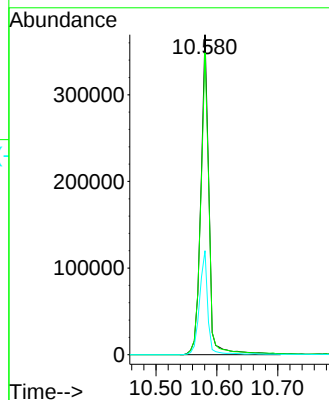
Tgt Ion:330 Resp: 343230

Ion Ratio Lower Upper

330 100

332 97.5 76.8 115.2

141 32.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 86.998 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128931.D

Acq: 22 Jun 2022 14:57

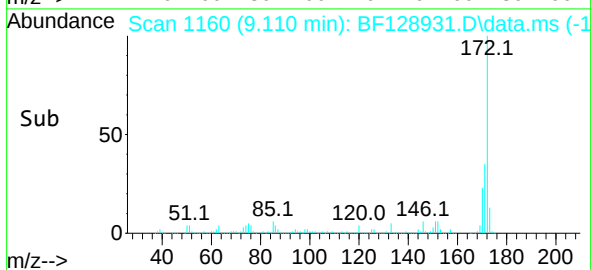
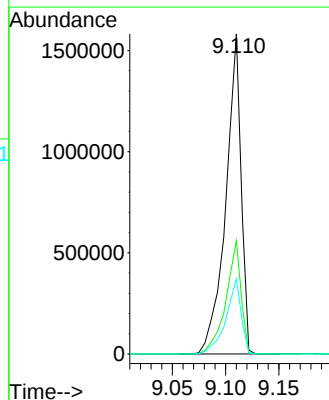
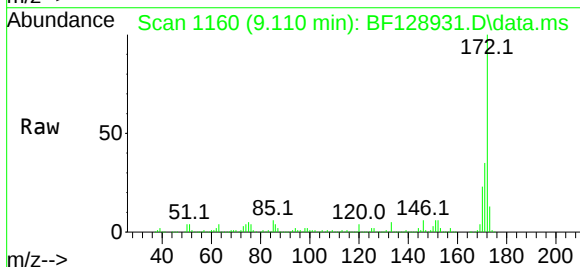
Tgt Ion:172 Resp: 1577410

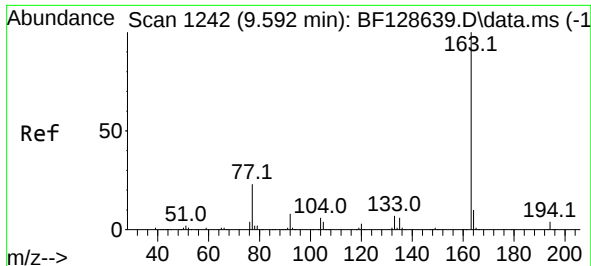
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.5 19.8 29.8

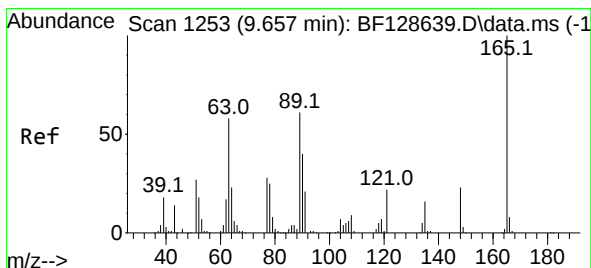
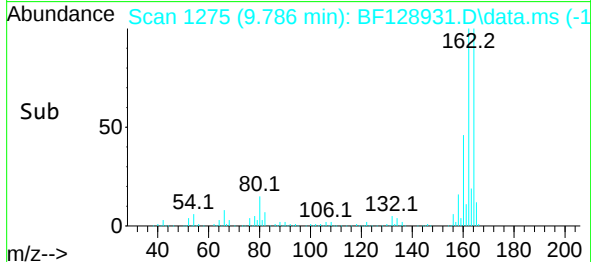
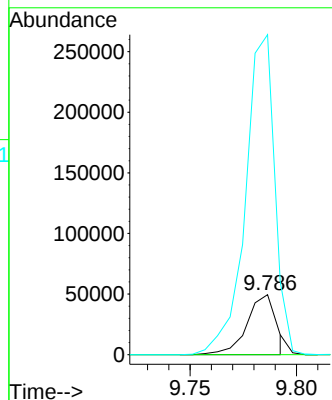
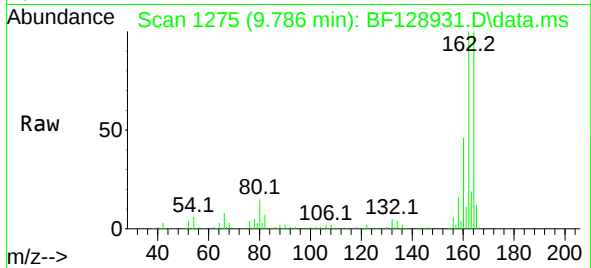




#50
Dimethylphthalate
Concen: 2.704 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.265 min
Lab File: BF128931.D
Acq: 22 Jun 2022 14:57

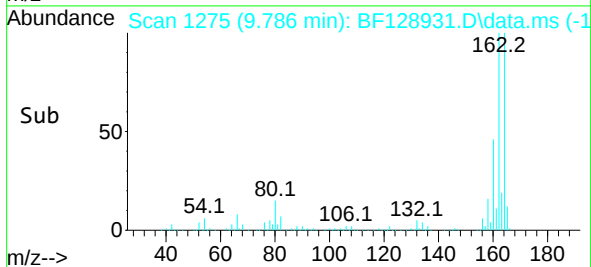
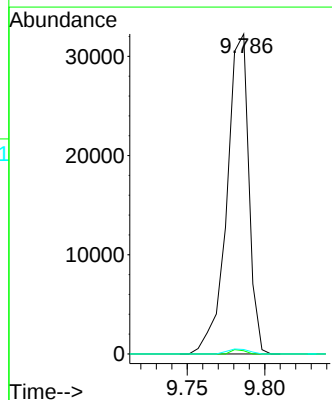
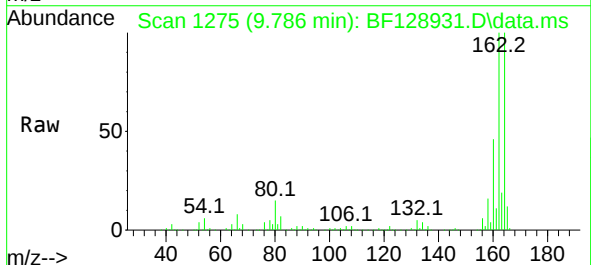
Instrument :
BNA_F
ClientSampleId :
PB145737BL

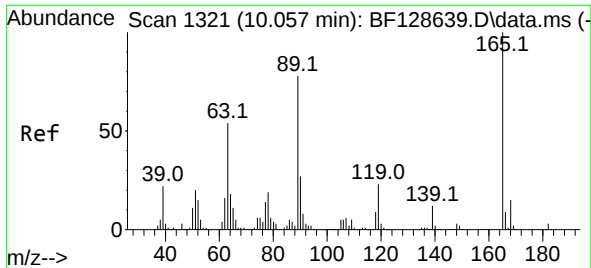
Tgt Ion:163 Resp: 47005
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 533.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.231 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.200 min
Lab File: BF128931.D
Acq: 22 Jun 2022 14:57

Tgt Ion:165 Resp: 31675
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.4 43.6 65.4#

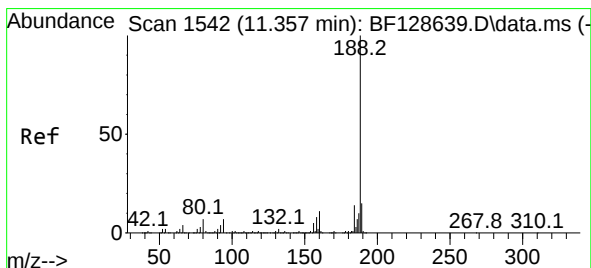
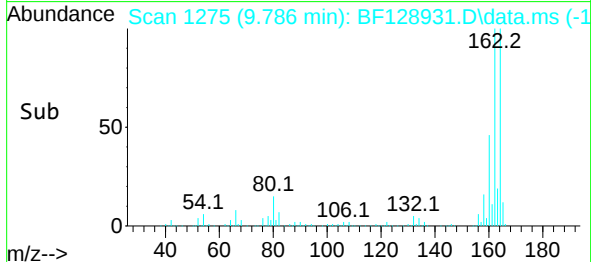
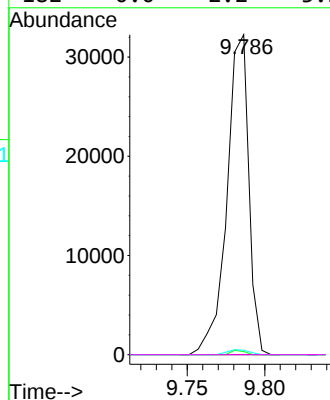
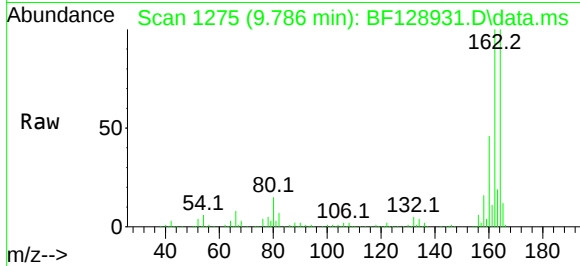




#57
2,4-Dinitrotoluene
Concen: 6.917 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128931.D
Acq: 22 Jun 2022 14:57

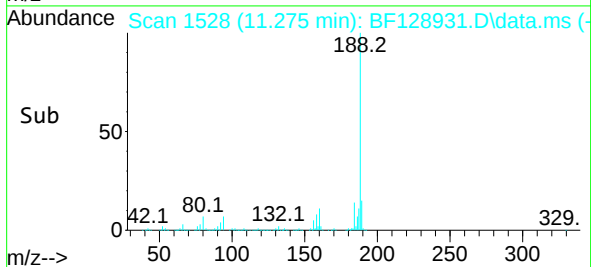
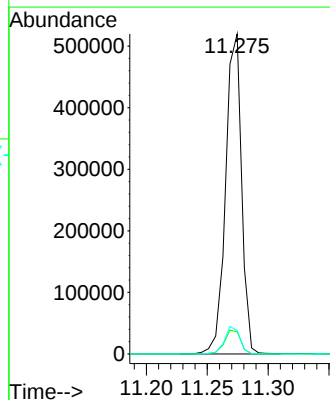
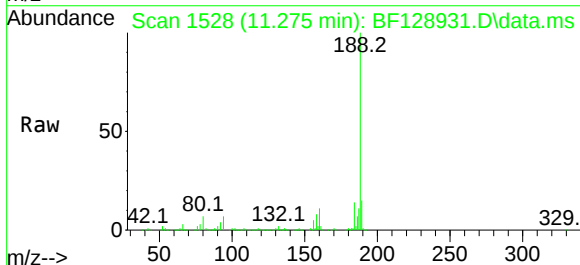
Instrument :
BNA_F
ClientSampleId :
PB145737BL

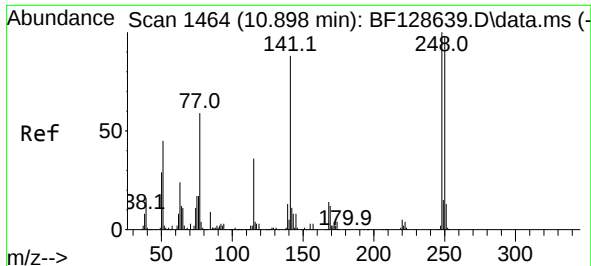
Tgt Ion:165 Resp: 31675
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF128931.D
Acq: 22 Jun 2022 14:57

Tgt Ion:188 Resp: 474133
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 7.4 7.6 11.4#

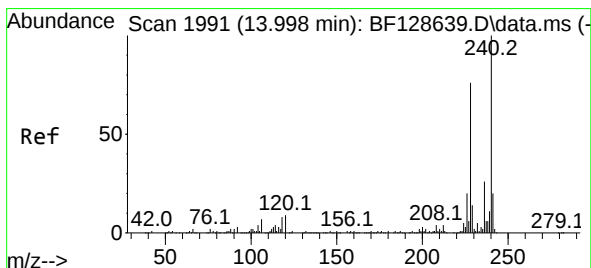
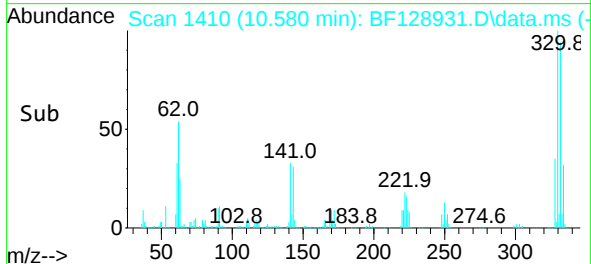
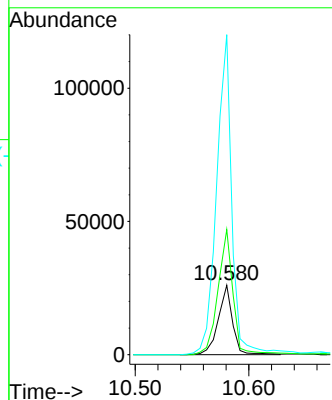
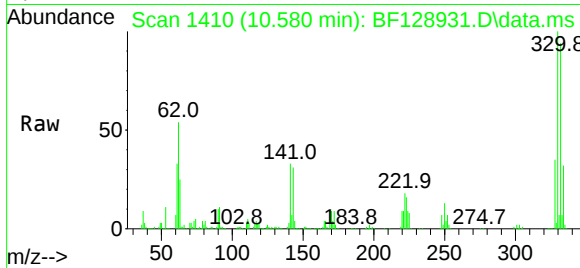




#67
4-Bromophenyl-phenylether
Concen: 4.316 ng
RT: 10.580 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF128931.D
Acq: 22 Jun 2022 14:57

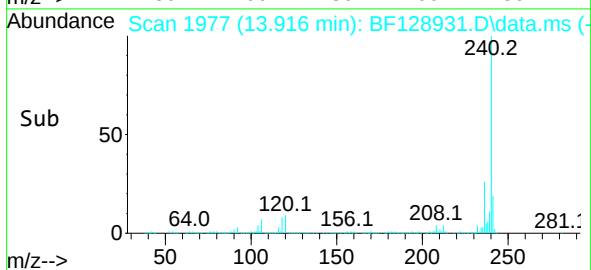
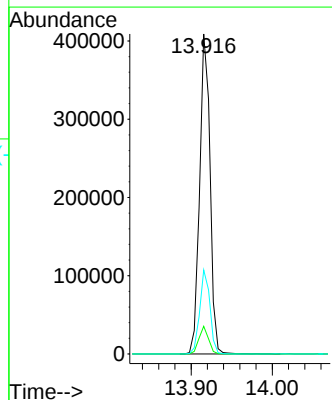
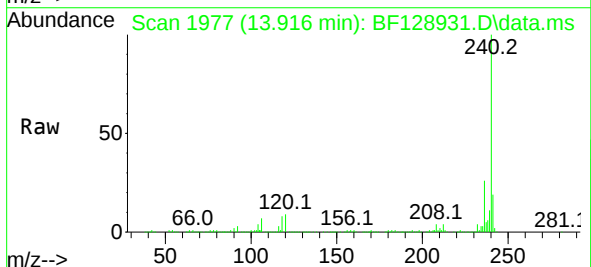
Instrument :
BNA_F
ClientSampleId :
PB145737BL

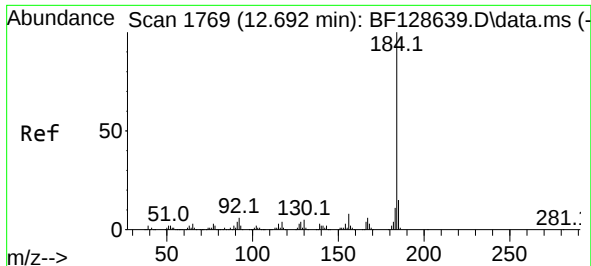
Tgt Ion:248 Resp: 22819
Ion Ratio Lower Upper
248 100
250 180.1 80.6 120.8#
141 460.5 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF128931.D
Acq: 22 Jun 2022 14:57

Tgt Ion:240 Resp: 364687
Ion Ratio Lower Upper
240 100
120 8.7 8.9 13.3#
236 26.3 20.8 31.2

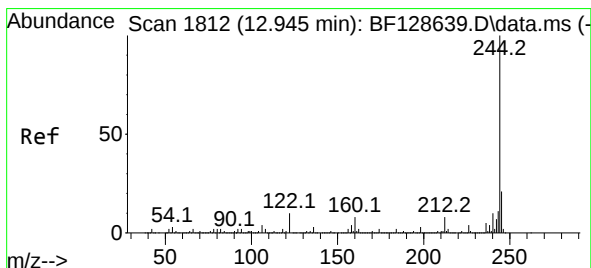
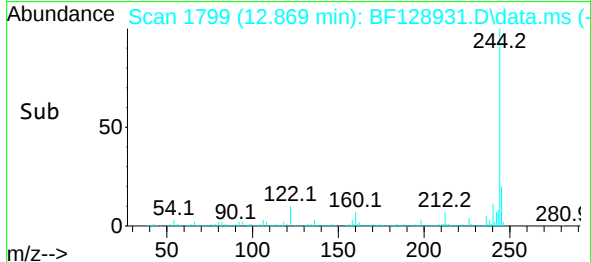
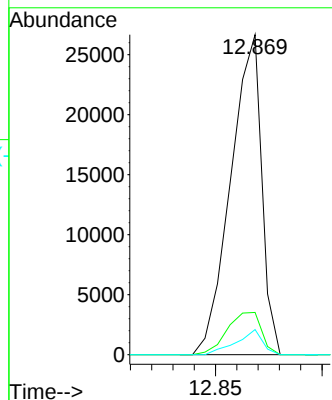
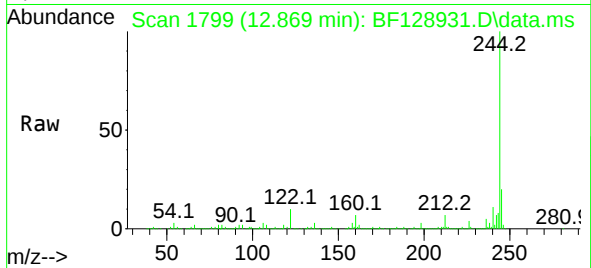




#77
Benzidine
Concen: 3.703 ng
RT: 12.869 min Scan# 1799
Delta R.T. 0.253 min
Lab File: BF128931.D
Acq: 22 Jun 2022 14:57

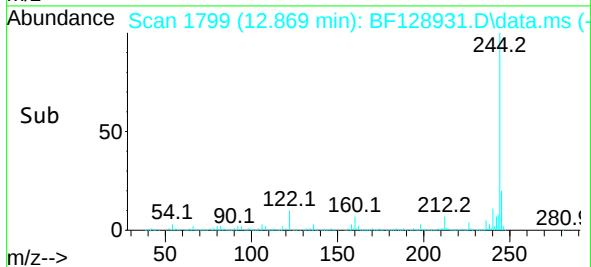
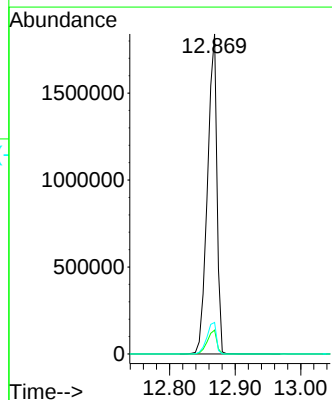
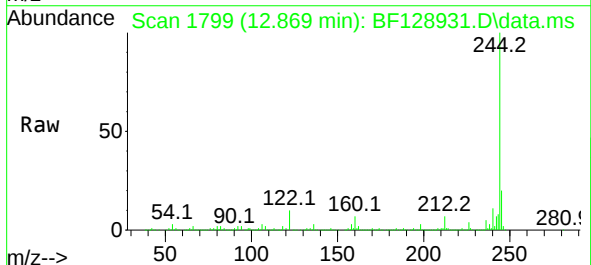
Instrument :
BNA_F
ClientSampleId :
PB145737BL

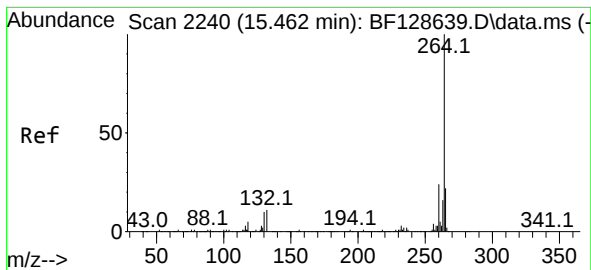
Tgt Ion:184 Resp: 26919
Ion Ratio Lower Upper
184 100
185 13.2 11.9 17.9
183 7.8 9.3 13.9#



#79
Terphenyl-d14
Concen: 87.697 ng
RT: 12.869 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF128931.D
Acq: 22 Jun 2022 14:57

Tgt Ion:244 Resp: 1840543
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 9.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.363 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF128931.D
 Acq: 22 Jun 2022 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PB145737BL

Tgt Ion:264 Resp: 259295
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 21.0 17.2 25.8

