

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128961.D
 Acq On : 23 Jun 2022 19:39
 Operator : CG\JU
 Sample : N3462-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-9-11-20220622

Quant Time: Jun 24 04:33:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

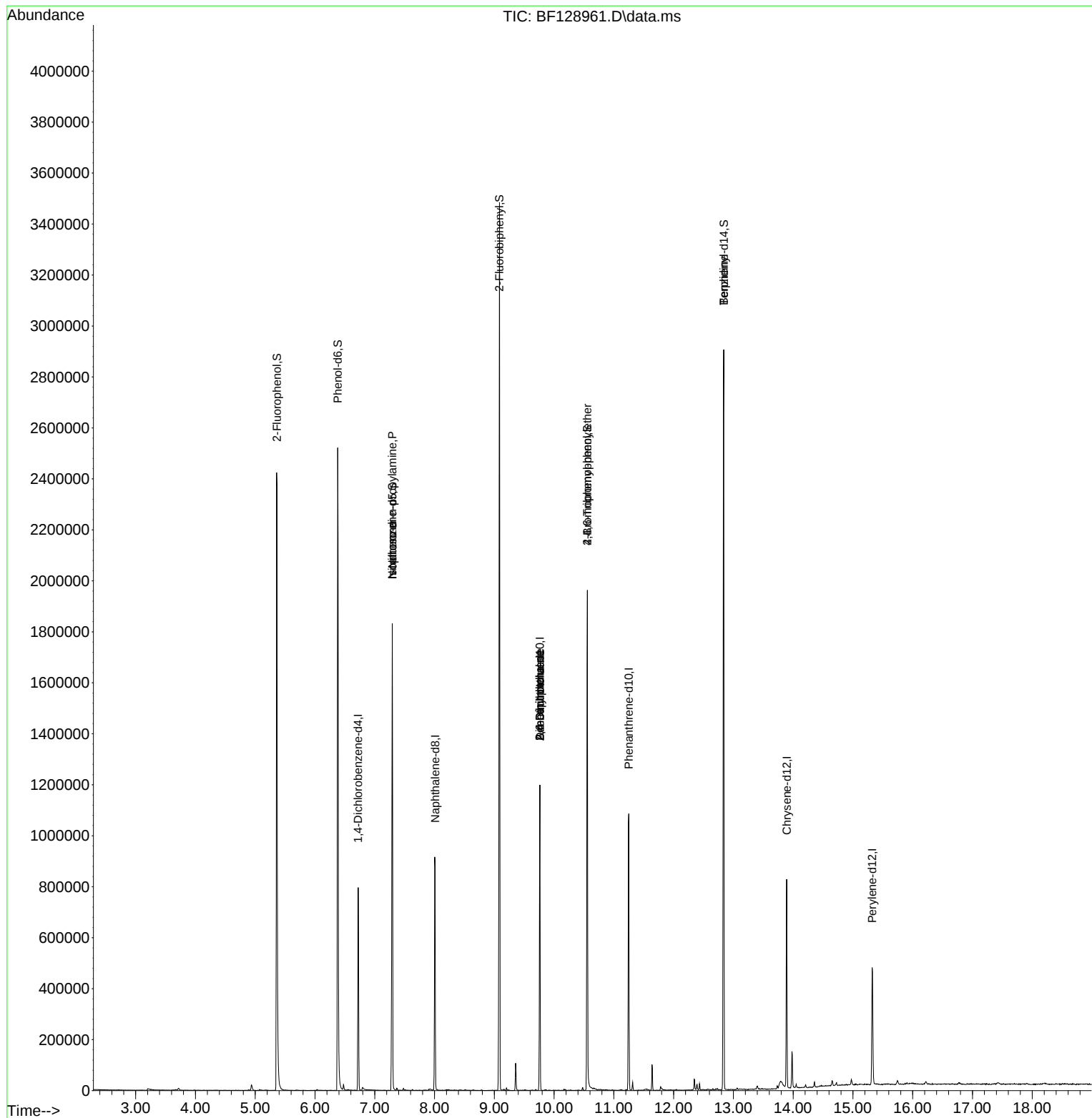
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	101967	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	403410	20.000	ng	# 0.00
39) Acenaphthene-d10	9.763	164	223318	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	416933	20.000	ng	# 0.00
76) Chrysene-d12	13.892	240	267533	20.000	ng	# 0.00
86) Perylene-d12	15.321	264	209706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	653666	102.109	ng	0.00
7) Phenol-d6	6.381	99	784634	100.410	ng	0.00
23) Nitrobenzene-d5	7.292	82	566789	65.415	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	231953	87.907	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1006947	63.162	ng	0.00
79) Terphenyl-d14	12.839	244	1013533	65.829	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.292	70	78371	16.130	ng	# 80
25) Isophorone	7.292	82	552597	41.992	ng	# 65
50) Dimethylphthalate	9.763	163	40904	2.676	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	28672	9.504	ng	# 26
57) 2,4-Dinitrotoluene	9.763	165	28672	7.121	ng	# 22
67) 4-Bromophenyl-phenylether	10.557	248	15167	3.262	ng	# 1
77) Benzidine	12.839	184	14631	2.743	ng	# 94

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 00:50:48 2022
Response via : Initial Calibration

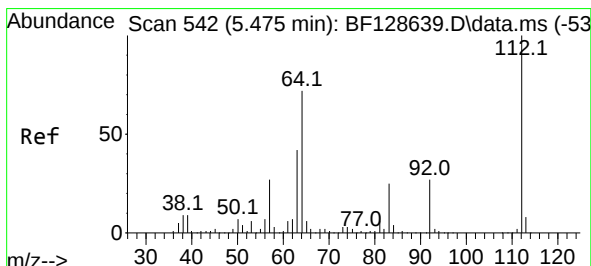
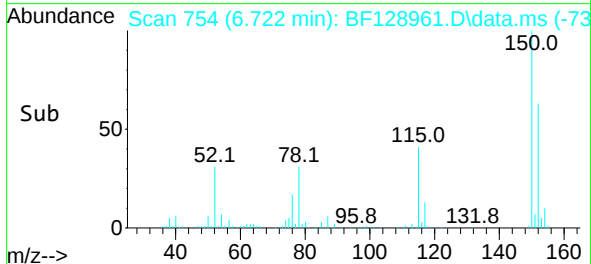
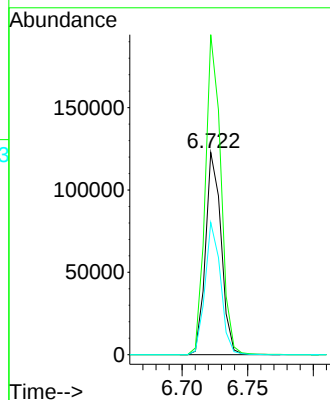
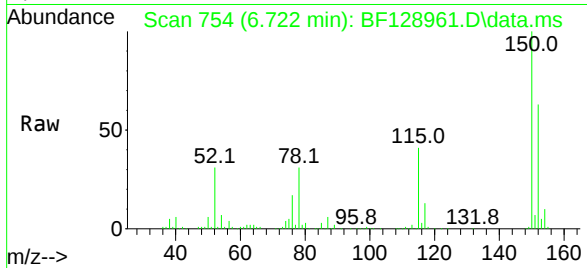




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

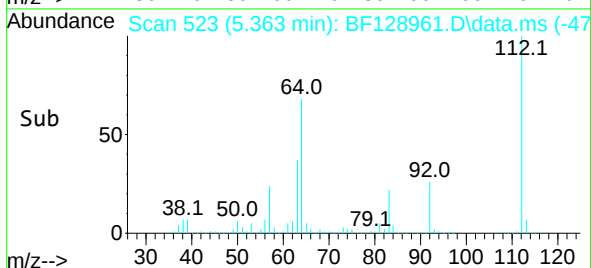
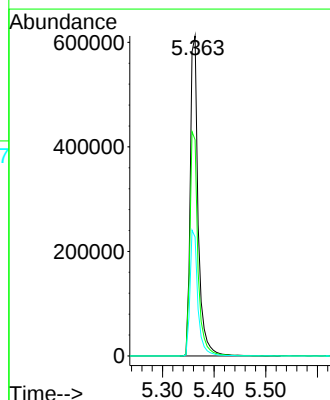
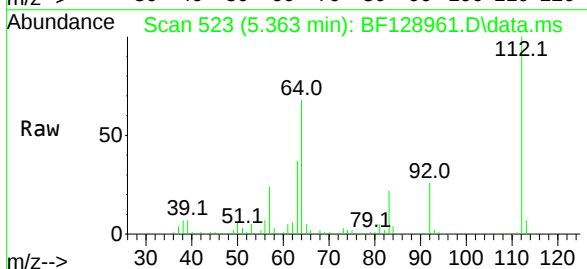
Instrument :
BNA_F
ClientSampleId :
SB-8-9-11-20220622

Tgt Ion:152 Resp: 101967
Ion Ratio Lower Upper
152 100
150 158.3 123.7 185.5
115 65.3 49.9 74.9



#5
2-Fluorophenol
Concen: 102.109 ng
RT: 5.363 min Scan# 523
Delta R.T. 0.006 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

Tgt Ion:112 Resp: 653666
Ion Ratio Lower Upper
112 100
64 67.5 53.3 79.9
63 37.1 28.0 42.0

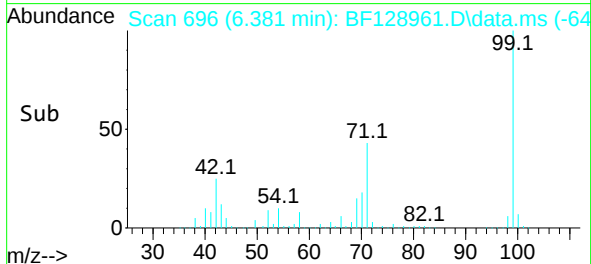
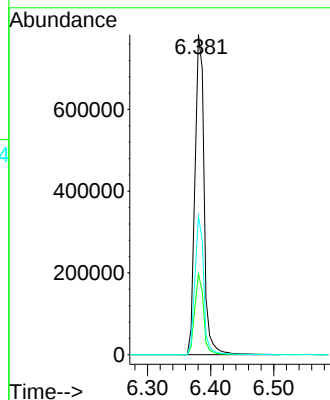
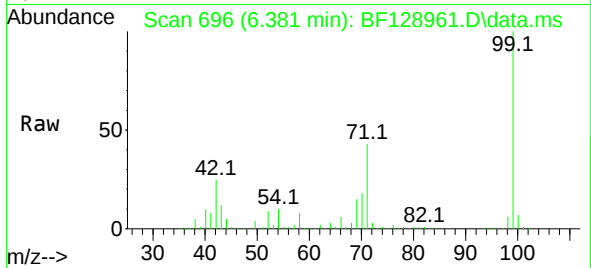




#7
Phenol-d6
Concen: 100.410 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

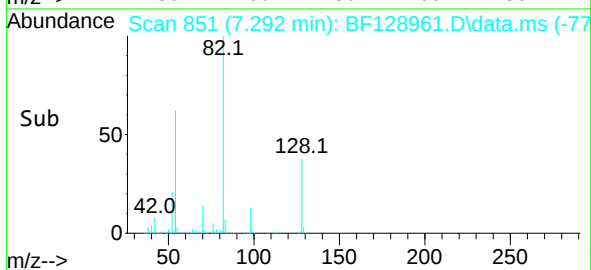
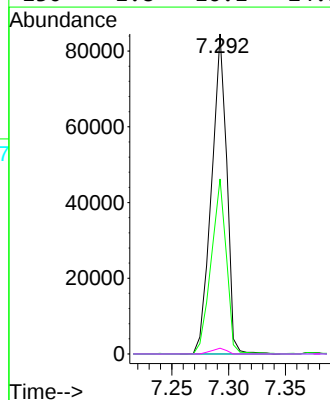
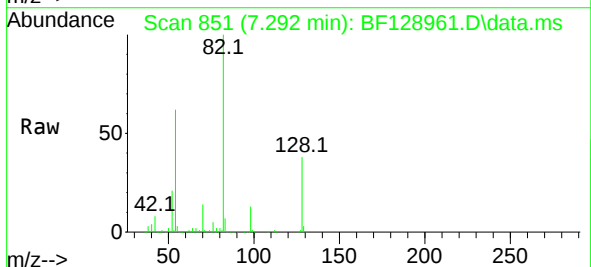
Instrument :
BNA_F
ClientSampleId :
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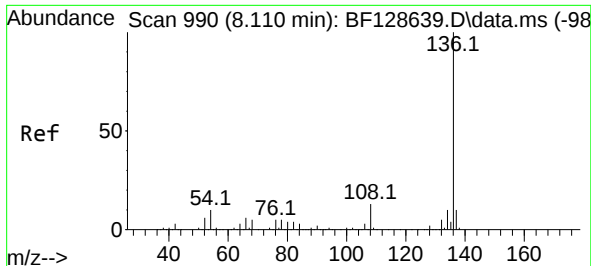
Tgt Ion: 99 Resp: 784634
Ion Ratio Lower Upper
99 100
42 25.2 17.3 25.9
71 43.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.130 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.141 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

Tgt Ion: 70 Resp: 78371
Ion Ratio Lower Upper
70 100
42 54.7 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

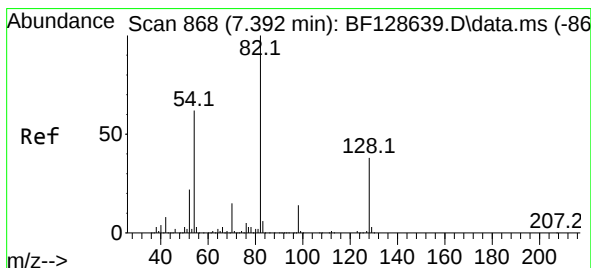
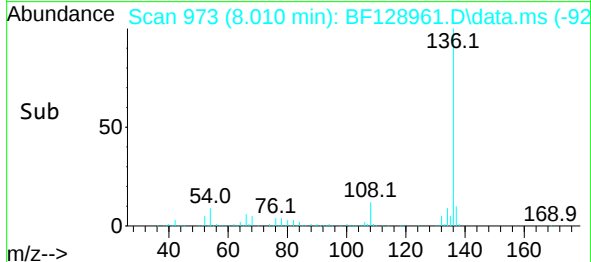
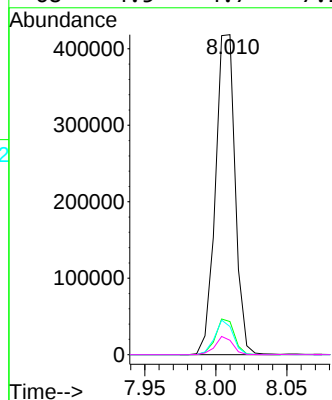
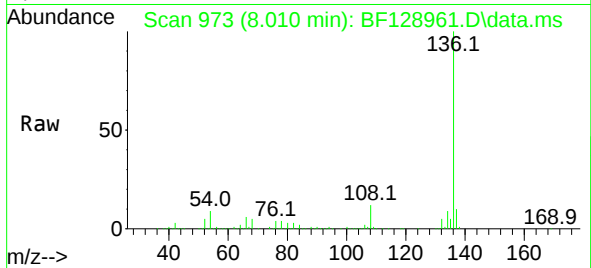




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

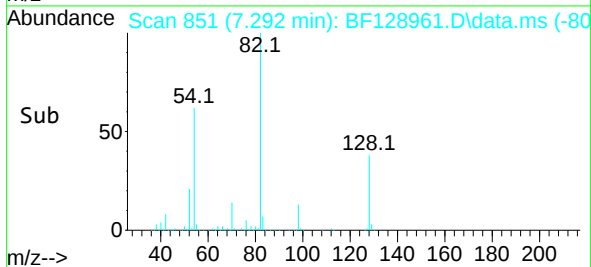
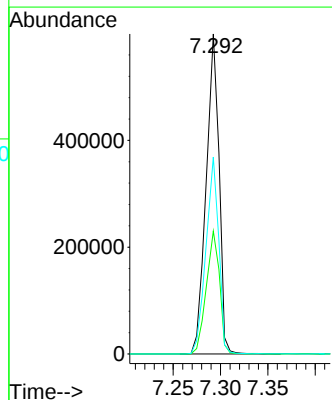
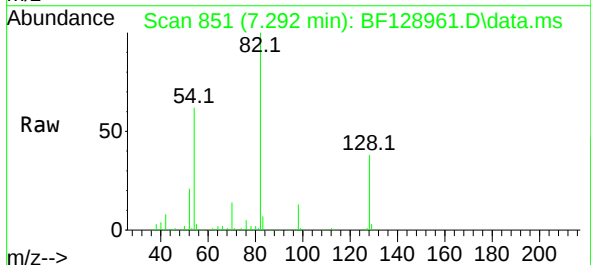
Instrument :
BNA_F
ClientSampleId :
SB-8-9-11-20220622

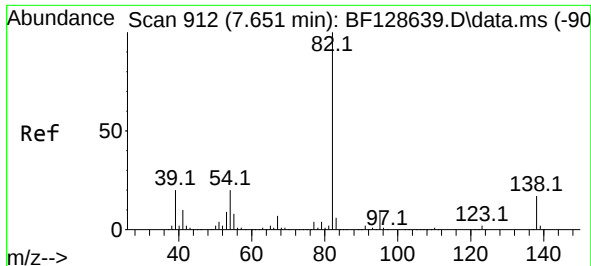
Tgt Ion:136 Resp: 403410
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.8 7.5 11.3
68 4.5 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 65.415 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

Tgt Ion: 82 Resp: 566789
Ion Ratio Lower Upper
82 100
128 38.4 34.0 51.0
54 61.6 46.9 70.3

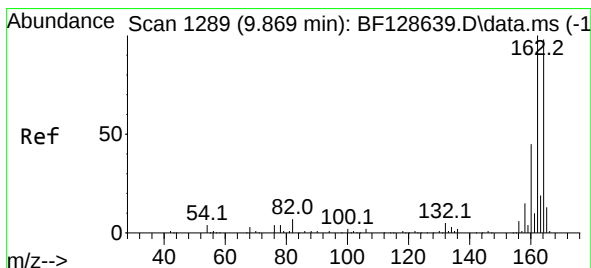
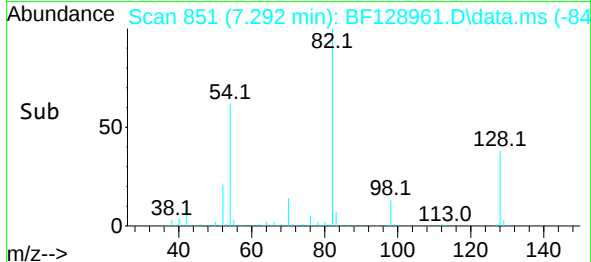
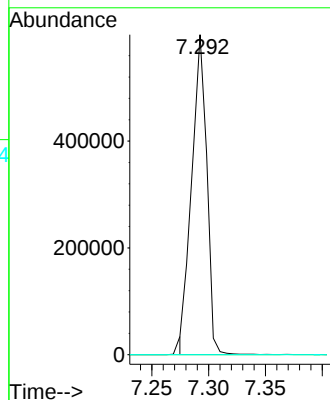
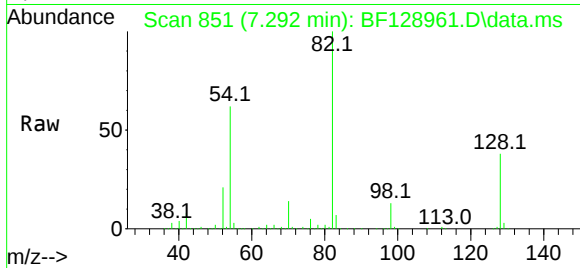




#25
Isophorone
Concen: 41.992 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

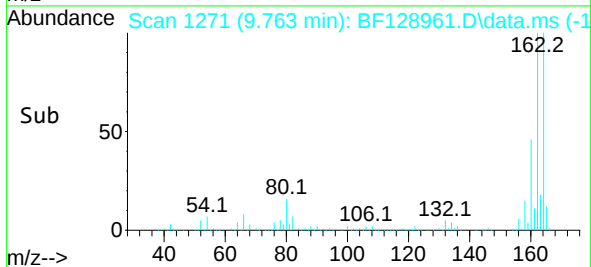
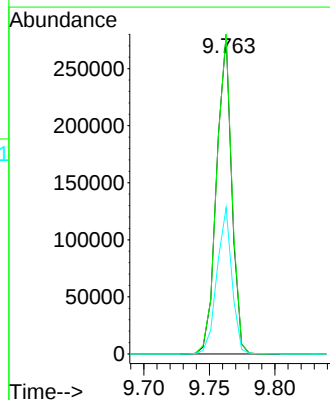
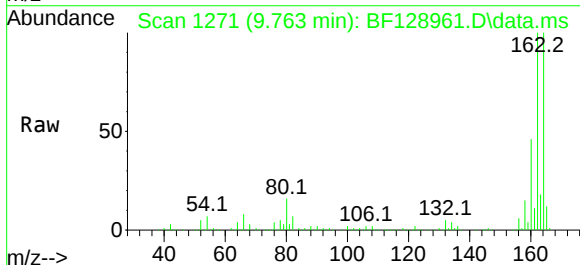
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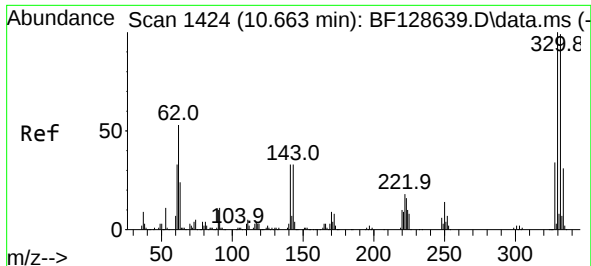
Tgt Ion: 82 Resp: 552597
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

Tgt Ion: 164 Resp: 223318
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: 87.907 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128961.D

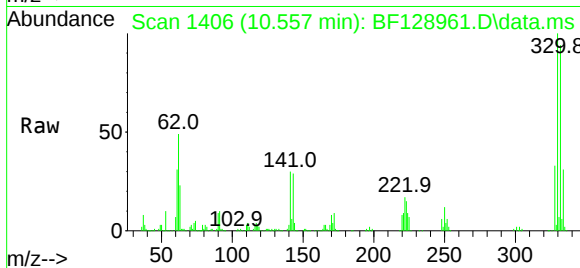
Acq: 23 Jun 2022 19:39

Instrument :

BNA_F

ClientSampleId :

SB-8-9-11-20220622



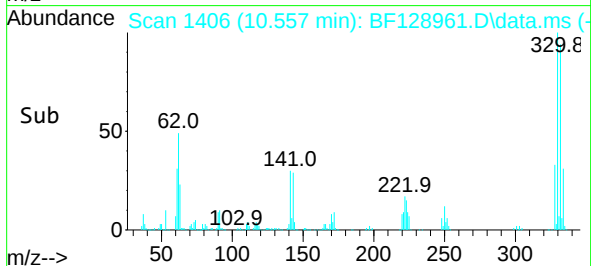
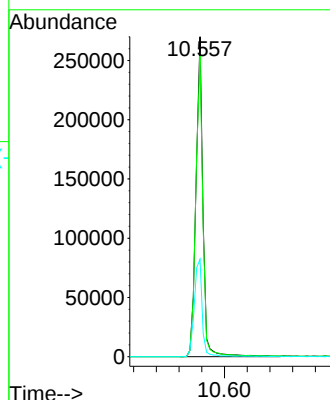
Tgt Ion:330 Resp: 231953

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 63.162 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128961.D

Acq: 23 Jun 2022 19:39

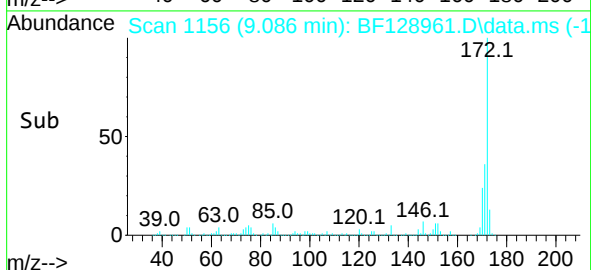
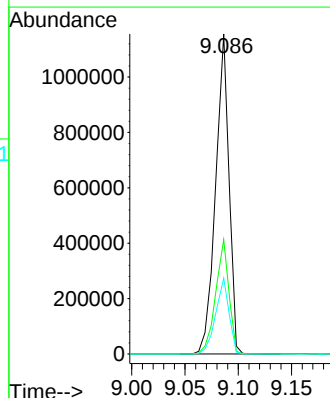
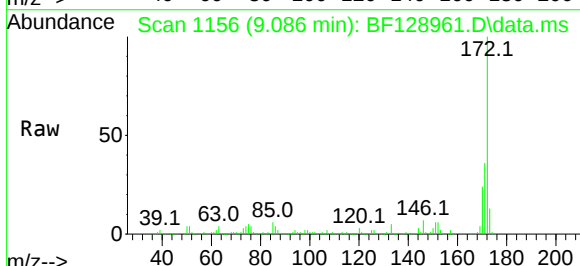
Tgt Ion:172 Resp: 1006947

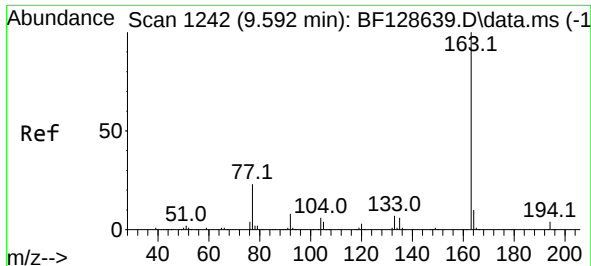
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.7 19.8 29.8

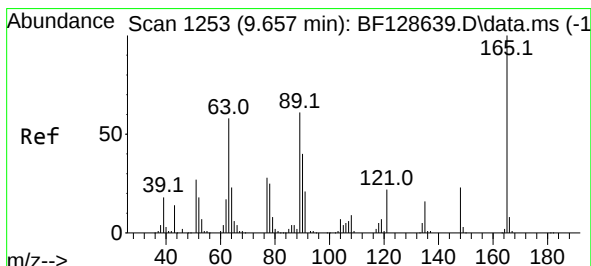
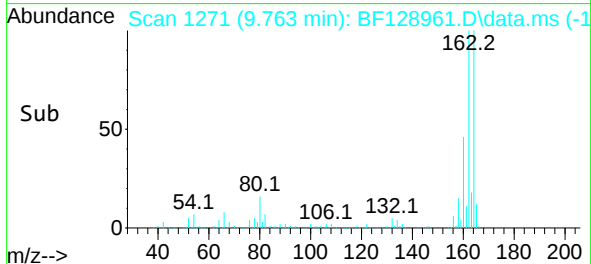
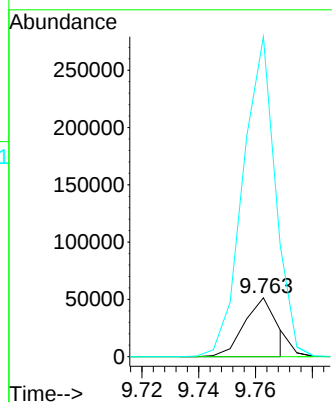
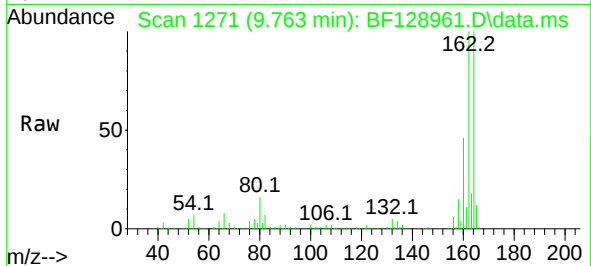




#50
Dimethylphthalate
Concen: 2.676 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

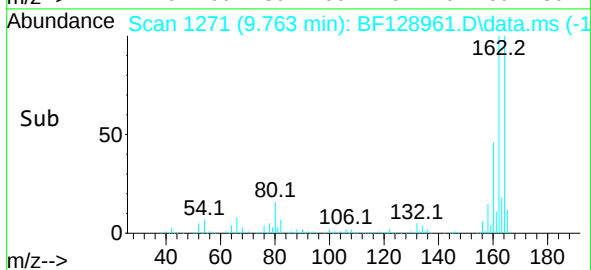
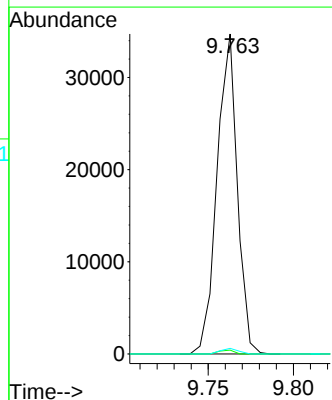
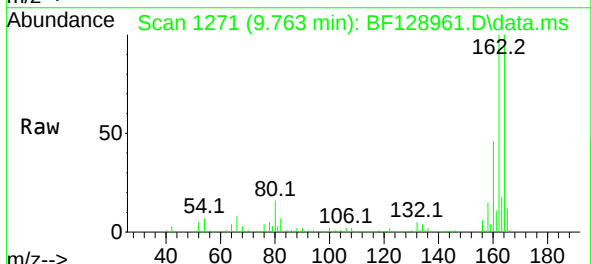
Instrument :
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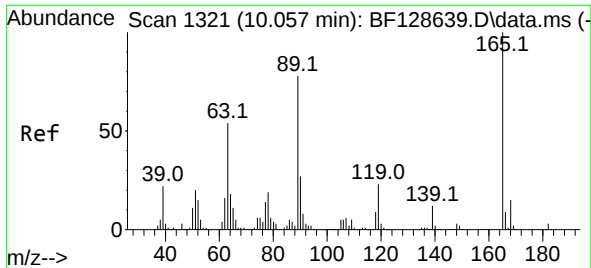
Tgt Ion:163 Resp: 40904
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 543.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.504 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

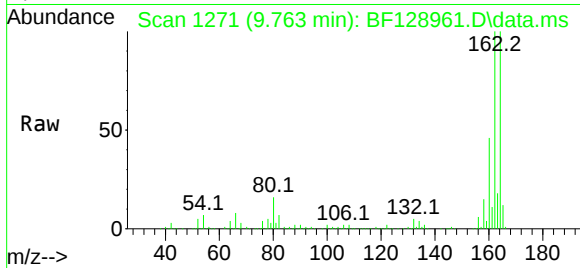
Tgt Ion:165 Resp: 28672
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.8 43.6 65.4#



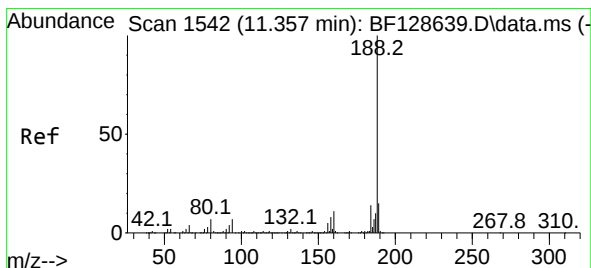
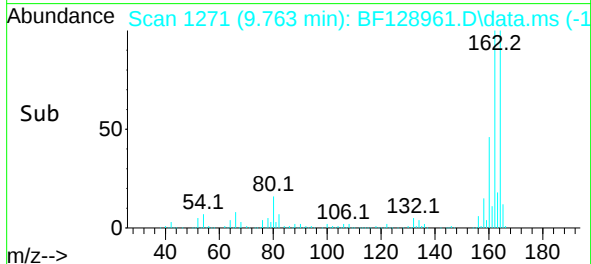
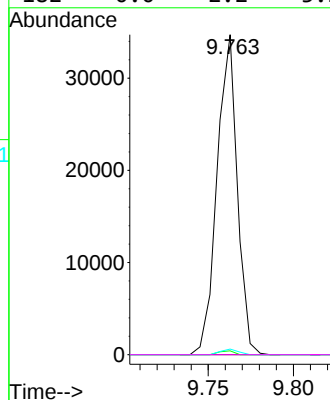


#57
2,4-Dinitrotoluene
Concen: 7.121 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

Instrument :
BNA_F
ClientSampleId :
SB-8-9-11-20220622

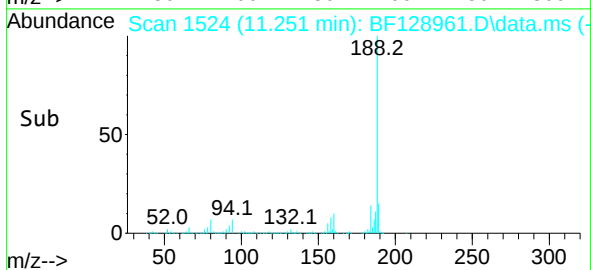
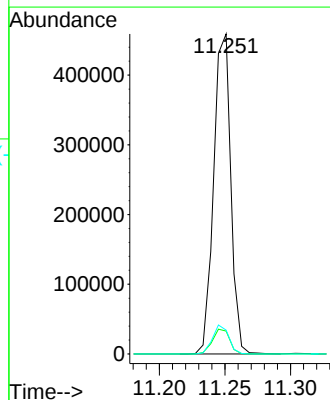
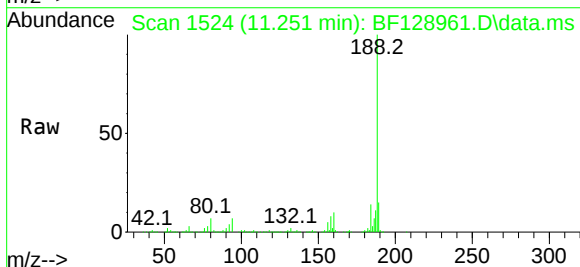


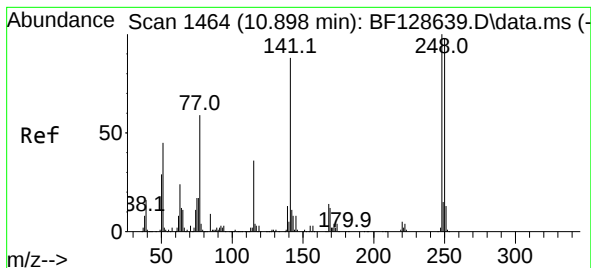
Tgt Ion:165 Resp: 28672
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.8 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

Tgt Ion:188 Resp: 416933
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 7.4 7.6 11.4#

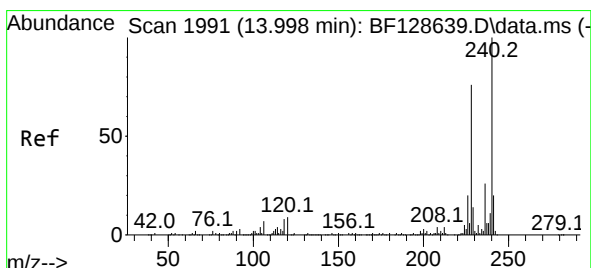
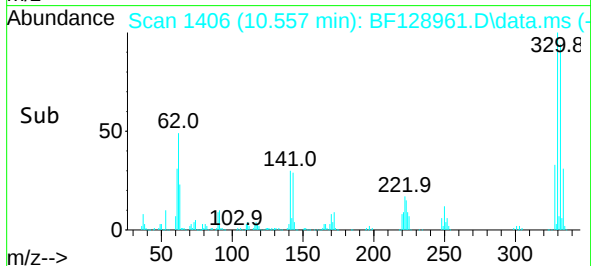
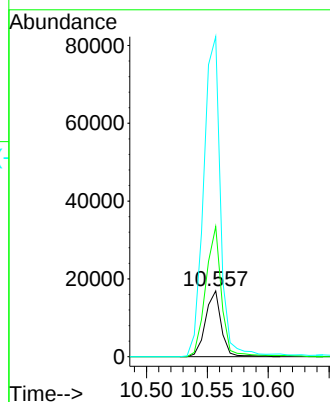
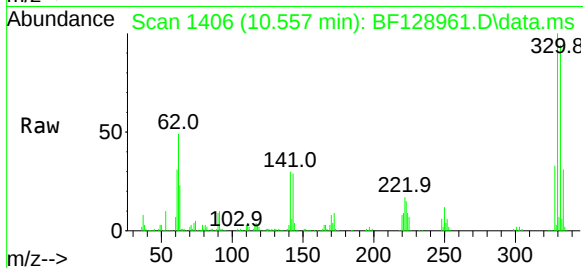




#67
4-Bromophenyl-phenylether
Concen: 3.262 ng
RT: 10.557 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

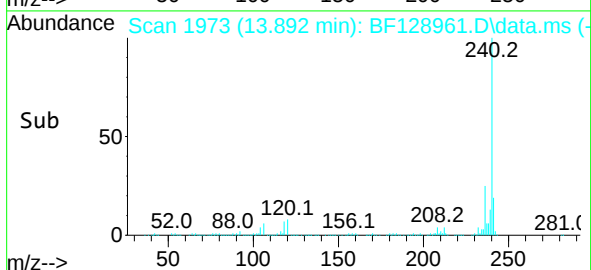
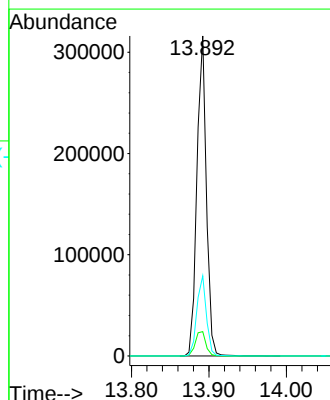
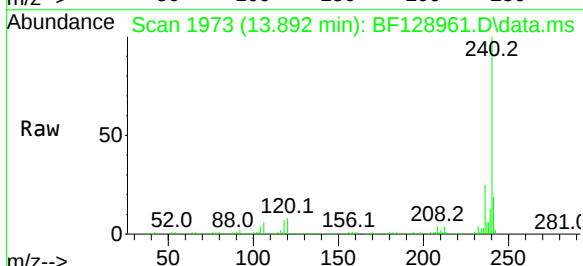
Instrument :
BNA_F
ClientSampleId :
SB-8-9-11-20220622

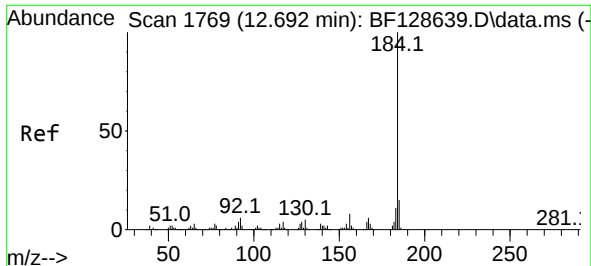
Tgt Ion:248 Resp: 15167
Ion Ratio Lower Upper
248 100
250 197.9 80.6 120.8#
141 486.7 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

Tgt Ion:240 Resp: 267533
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 25.0 20.8 31.2

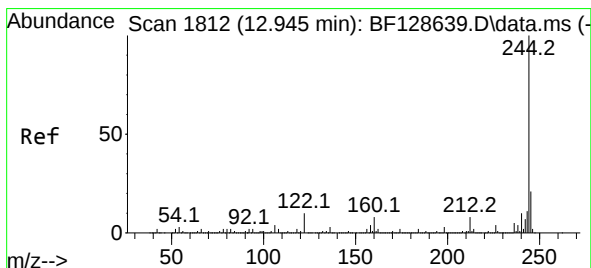
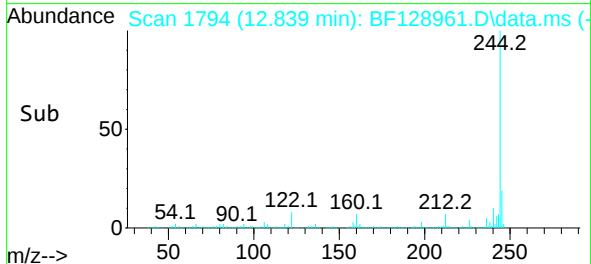
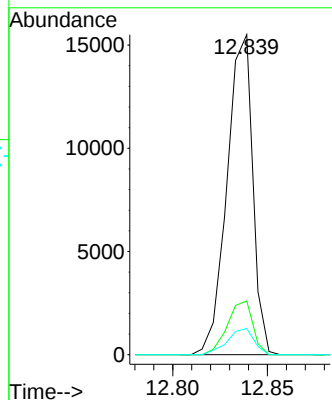
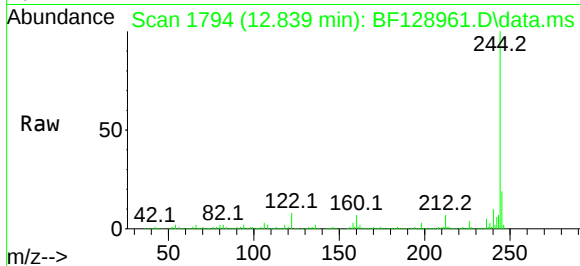




#77
Benzidine
Concen: 2.743 ng
RT: 12.839 min Scan# 1794
Delta R.T. 0.247 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

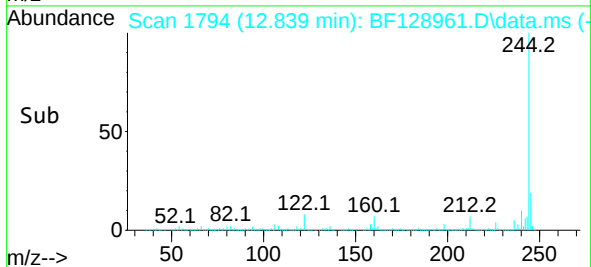
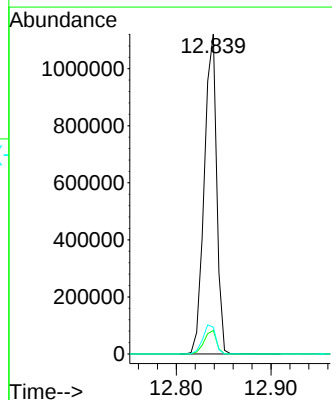
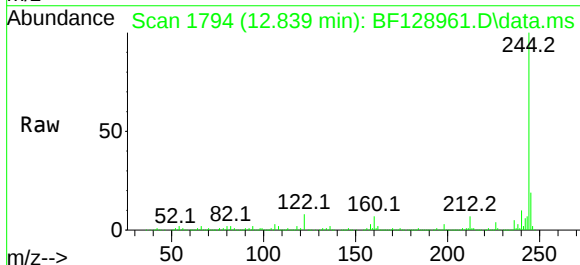
Instrument :
BNA_F
ClientSampleId :
SB-8-9-11-20220622

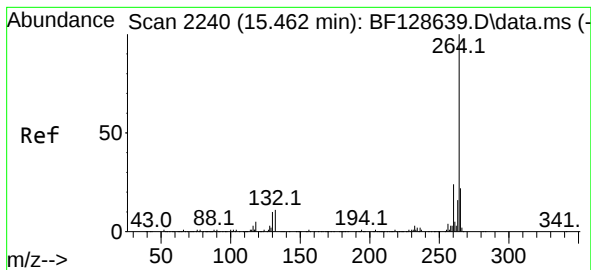
Tgt Ion:184 Resp: 14631
Ion Ratio Lower Upper
184 100
185 16.8 11.9 17.9
183 8.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 65.829 ng
RT: 12.839 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

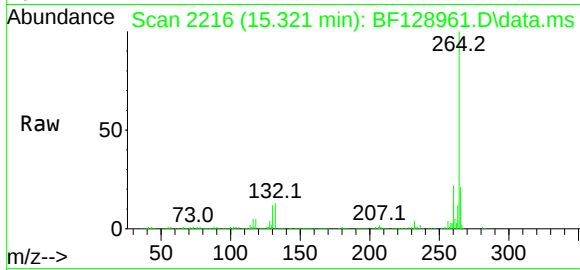
Tgt Ion:244 Resp: 1013533
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 8.4 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.321 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

Instrument :
BNA_F
ClientSampleId :
SB-8-9-11-20220622



Tgt Ion:264 Resp: 209706

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.4	27.6
265	20.6	17.2	25.8

