

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128941.D
 Acq On : 22 Jun 2022 19:50
 Operator : CG\JU
 Sample : N3430-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-14-16-20220621

Quant Time: Jun 23 01:32:25 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)

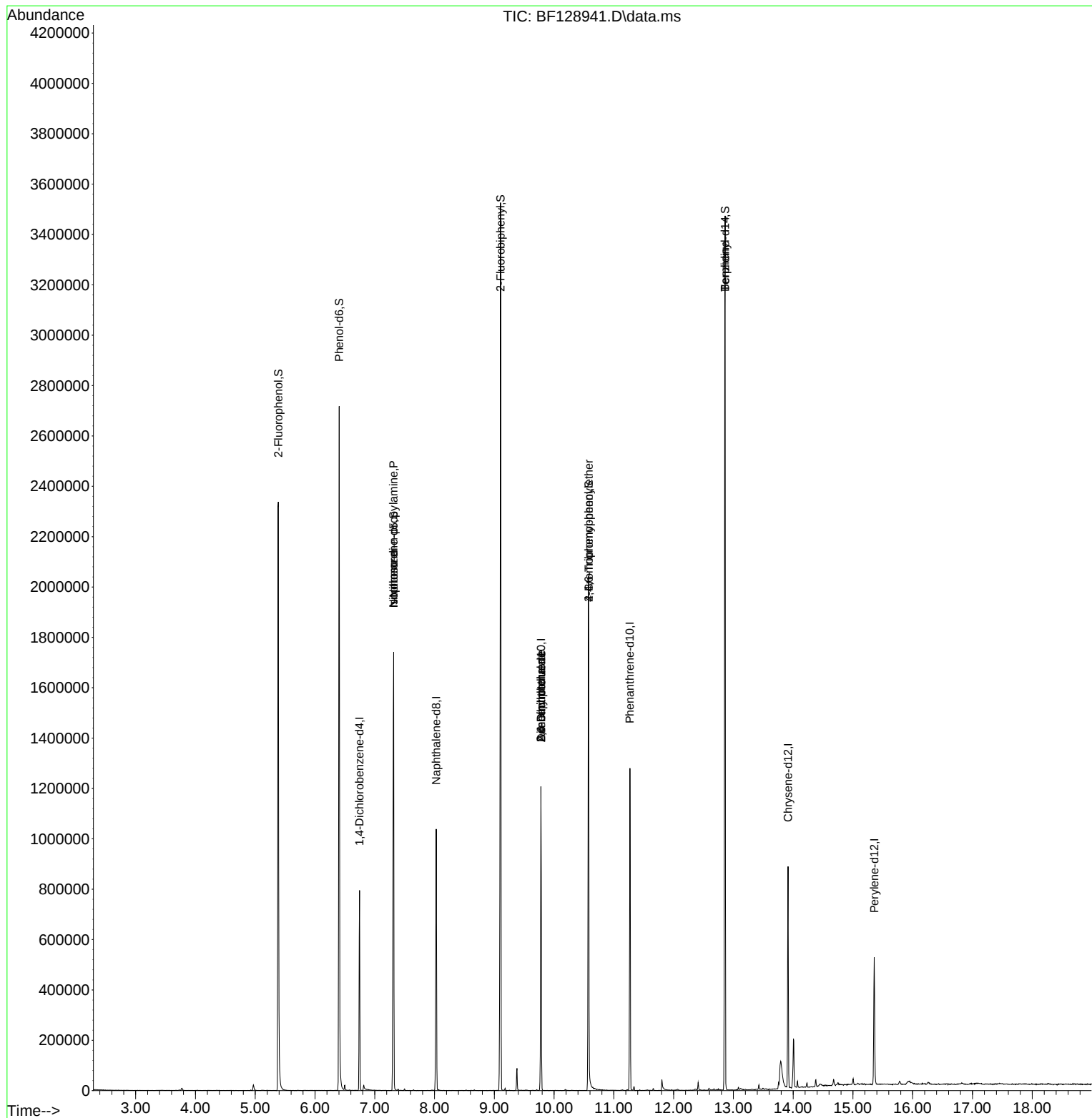
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	105917	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	421008	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	239404	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	444677	20.000	ng	-0.01
76) Chrysene-d12	13.915	240	288074	20.000	ng	#-0.01
86) Perylene-d12	15.357	264	211414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	612570	92.121	ng	0.00
7) Phenol-d6	6.404	99	797066	98.197	ng	-0.01
23) Nitrobenzene-d5	7.316	82	577618	63.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	248007	87.676	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1135432	66.436	ng	-0.01
79) Terphenyl-d14	12.863	244	1224640	73.869	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	82104	16.269	ng	# 76
25) Isophorone	7.316	82	575550	41.908	ng	# 65
50) Dimethylphthalate	9.780	163	41477	2.531	ng	# 1
51) 2,6-Dinitrotoluene	9.780	165	29774	9.206	ng	# 26
57) 2,4-Dinitrotoluene	9.780	165	29774	6.898	ng	# 22
67) 4-Bromophenyl-phenylether	10.580	248	16306	3.288	ng	# 1
77) Benzidine	12.863	184	18473	3.217	ng	# 93

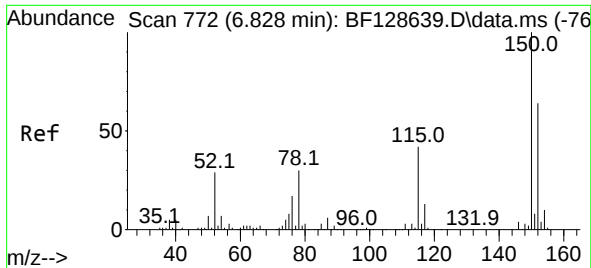
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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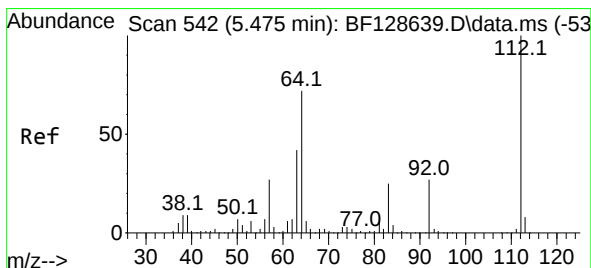
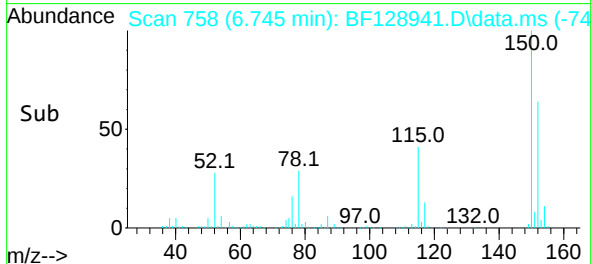
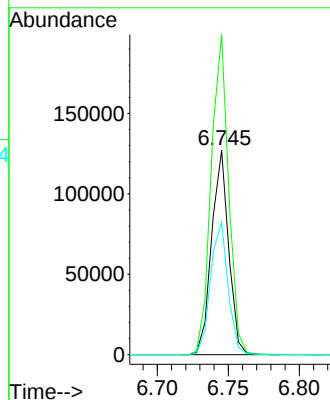
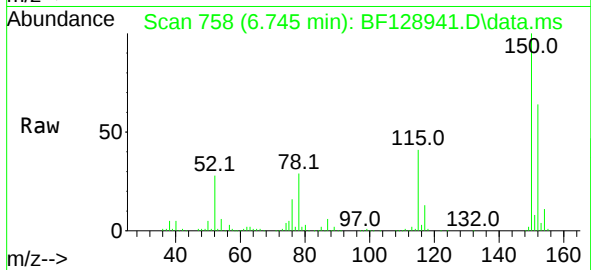




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

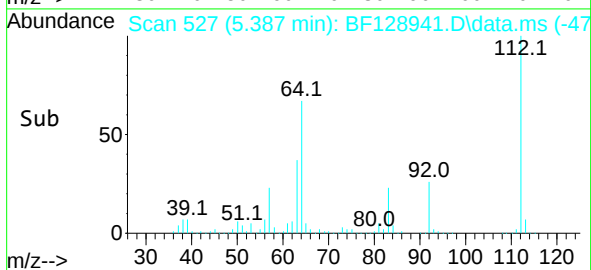
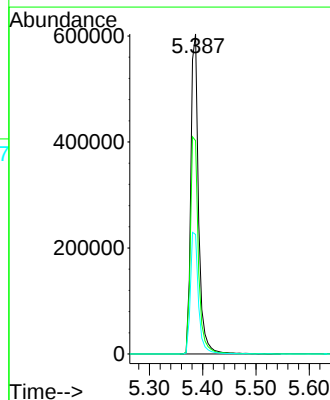
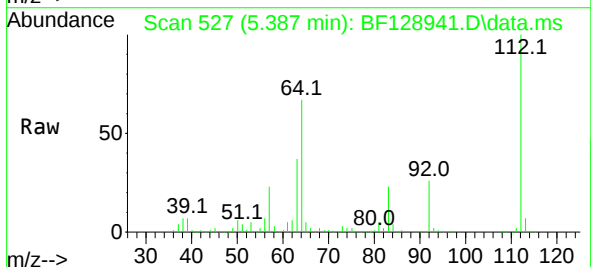
Instrument :
BNA_F
ClientSampleId :
SB-4-14-16-20220621

Tgt Ion:152 Resp: 105917
Ion Ratio Lower Upper
152 100
150 156.6 123.7 185.5
115 64.9 49.9 74.9



#5
2-Fluorophenol
Concen: 92.121 ng
RT: 5.387 min Scan# 527
Delta R.T. -0.000 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

Tgt Ion:112 Resp: 612570
Ion Ratio Lower Upper
112 100
64 66.6 53.3 79.9
63 37.4 28.0 42.0

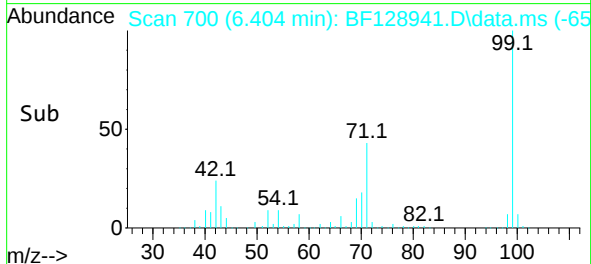
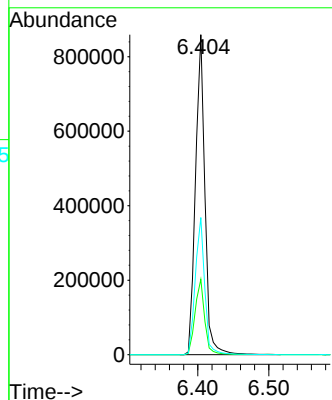
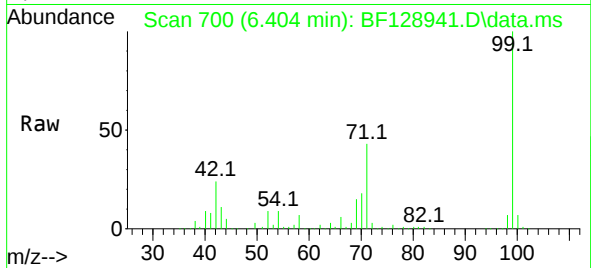




#7
Phenol-d6
Concen: 98.197 ng
RT: 6.404 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

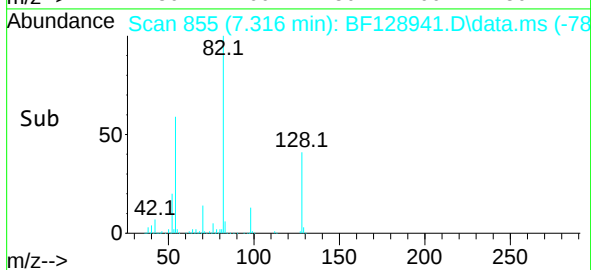
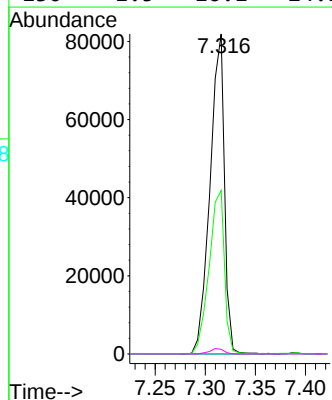
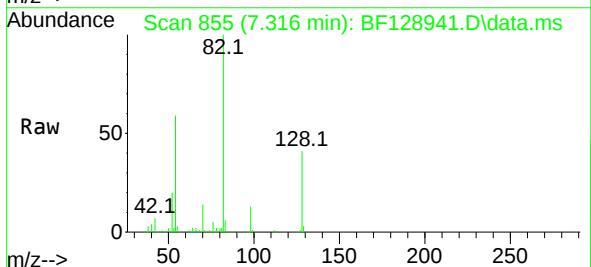
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BNA_F
ClientSampleId :
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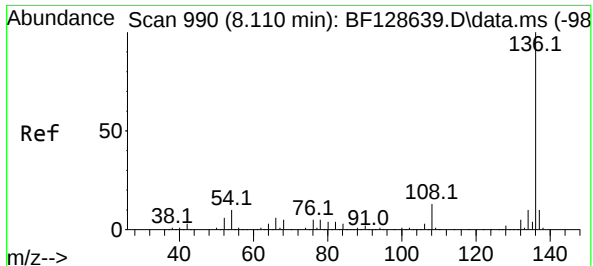
Tgt Ion: 99 Resp: 797066
Ion Ratio Lower Upper
99 100
42 23.6 17.3 25.9
71 42.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.269 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.135 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

Tgt Ion: 70 Resp: 82104
Ion Ratio Lower Upper
70 100
42 51.1 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: BF128941.D

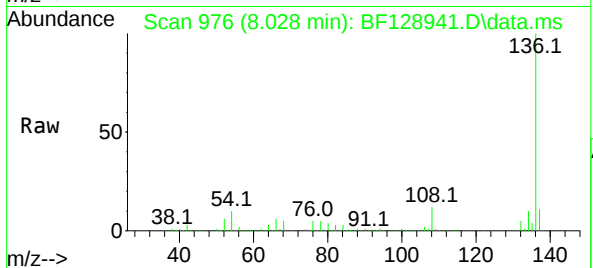
Acq: 22 Jun 2022 19:50

Instrument :

BNA_F

ClientSampleId :

SB-4-14-16-20220621



Tgt Ion:136 Resp: 421008

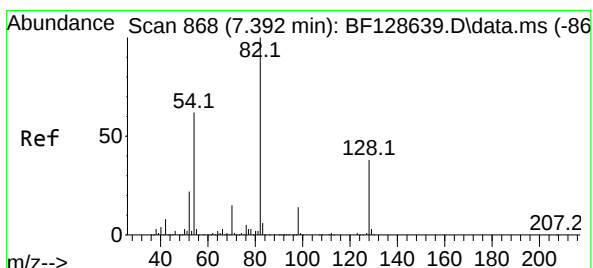
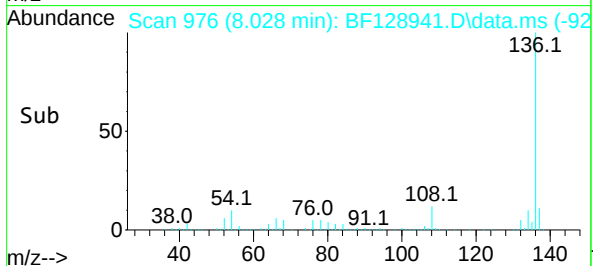
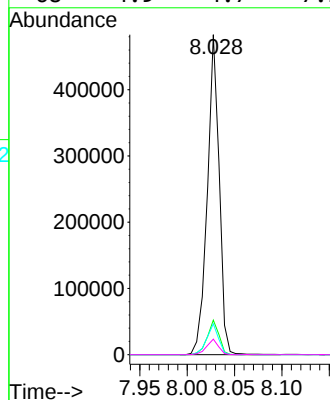
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.7 7.5 11.3

68 4.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 63.878 ng

RT: 7.316 min Scan# 855

Delta R.T. -0.012 min

Lab File: BF128941.D

Acq: 22 Jun 2022 19:50

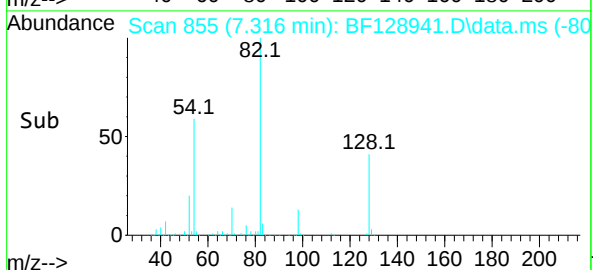
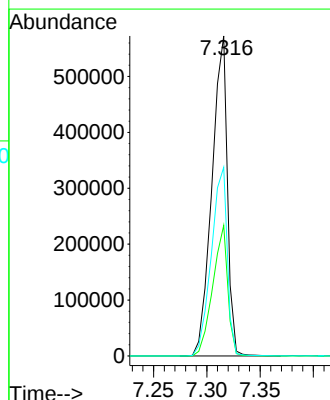
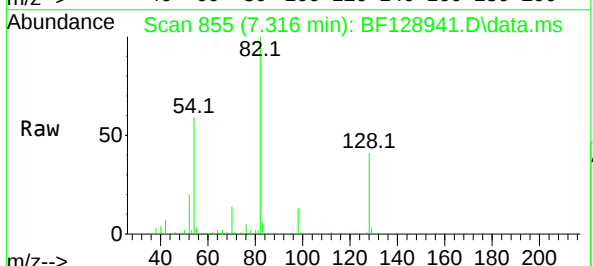
Tgt Ion: 82 Resp: 577618

Ion Ratio Lower Upper

82 100

128 40.8 34.0 51.0

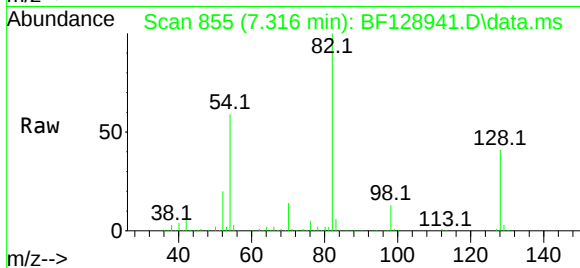
54 59.0 46.9 70.3



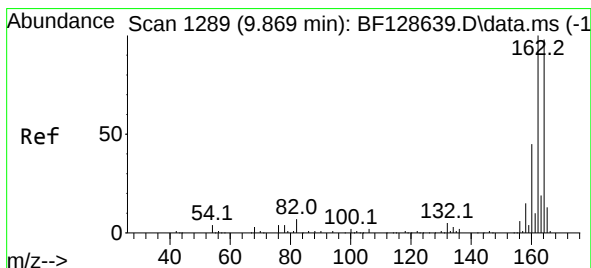
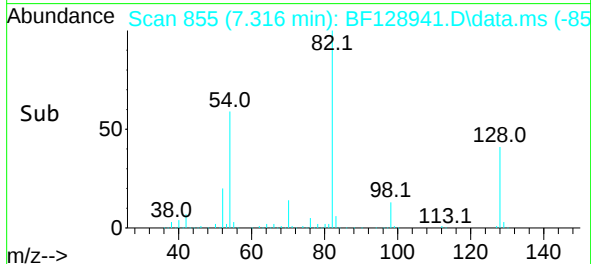
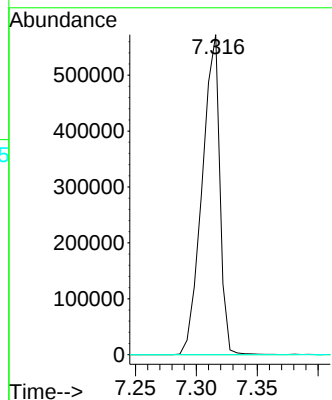


#25
Isophorone
Concen: 41.908 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

Instrument :
BNA_F
ClientSampleId :
SB-4-14-16-20220621

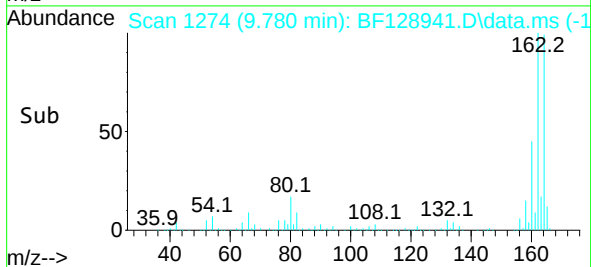
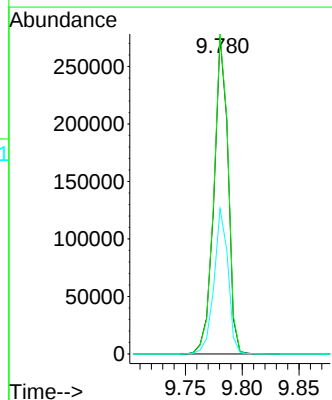
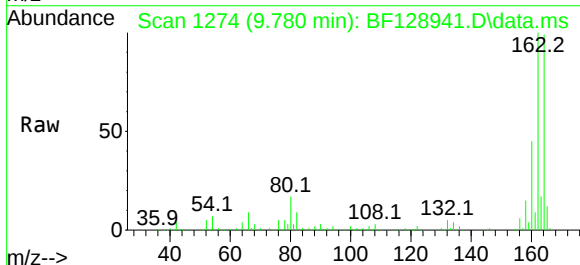


Tgt Ion: 82 Resp: 575550
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

Tgt Ion:164 Resp: 239404
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 87.676 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128941.D

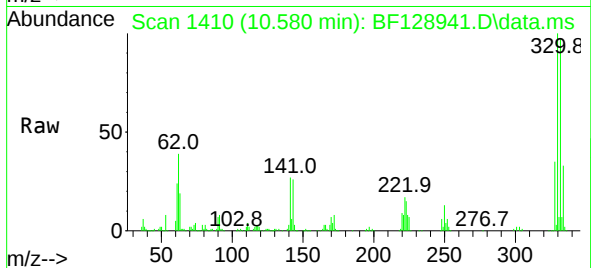
Acq: 22 Jun 2022 19:50

Instrument :

BNA_F

ClientSampleId :

SB-4-14-16-20220621



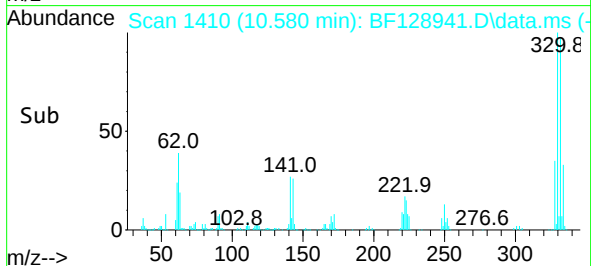
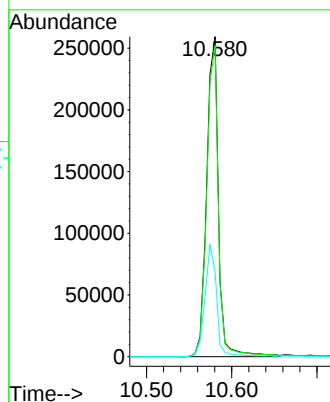
Tgt Ion:330 Resp: 248007

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 66.436 ng

RT: 9.104 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BF128941.D

Acq: 22 Jun 2022 19:50

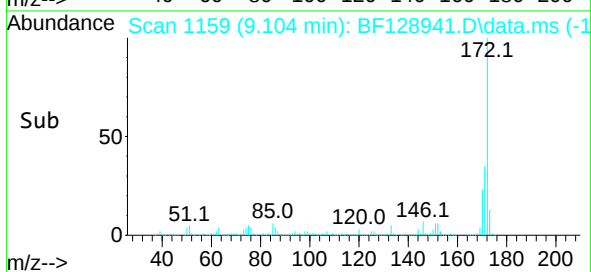
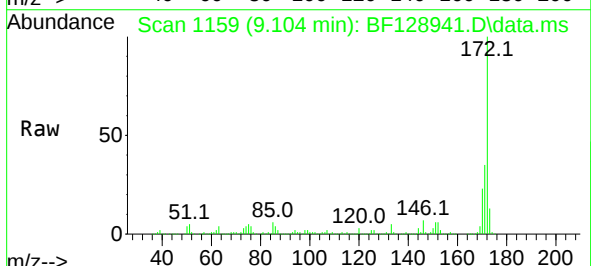
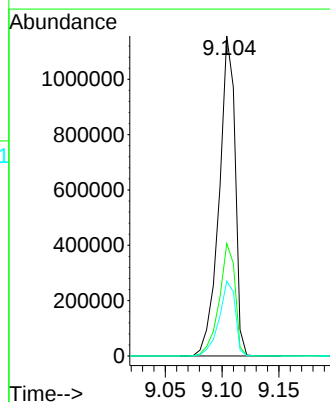
Tgt Ion:172 Resp: 1135432

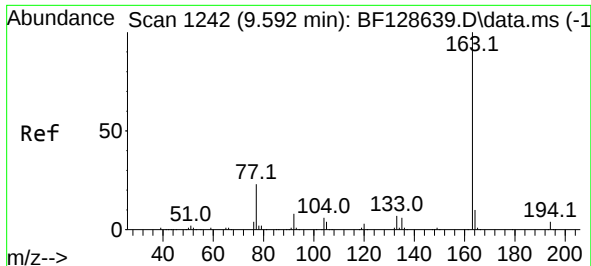
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.3 19.8 29.8

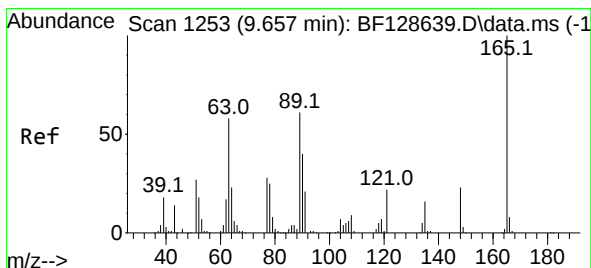
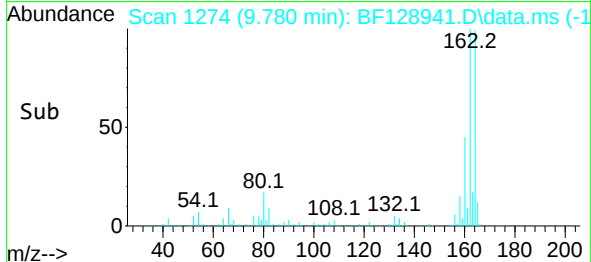
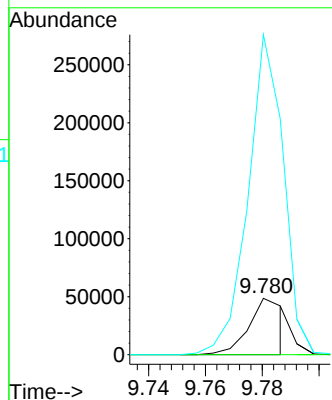
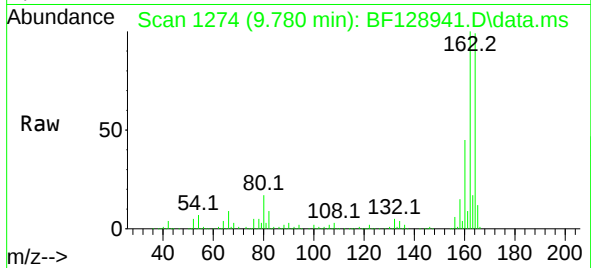




#50
Dimethylphthalate
Concen: 2.531 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

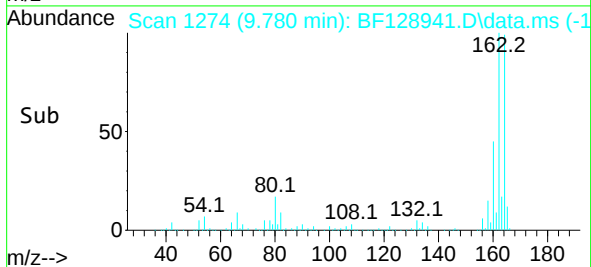
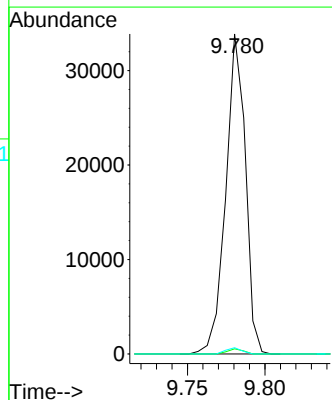
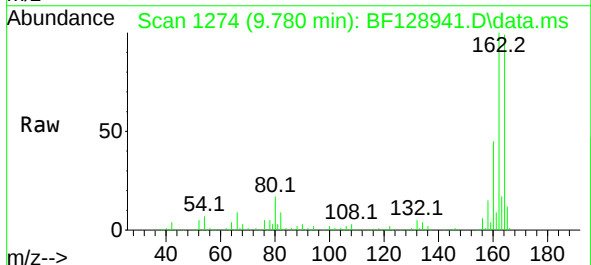
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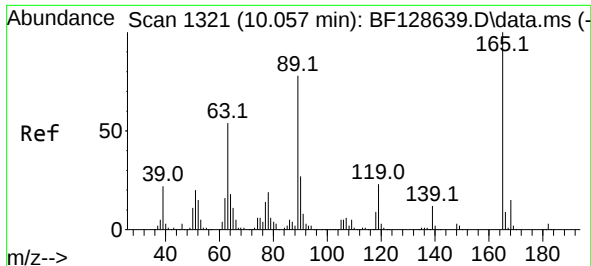
Tgt Ion:163 Resp: 41477
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 567.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.206 ng
RT: 9.780 min Scan# 1274
Delta R.T. 0.194 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

Tgt Ion:165 Resp: 29774
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.9 43.6 65.4#

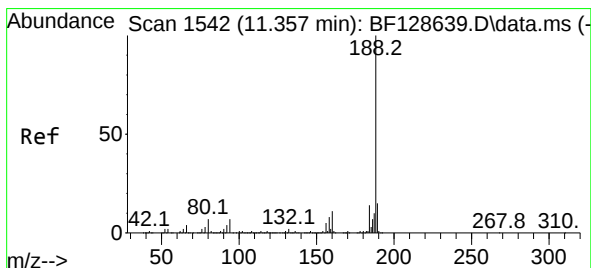
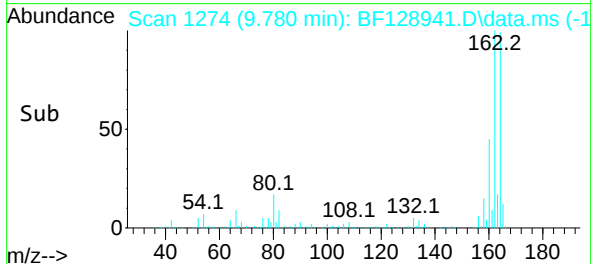
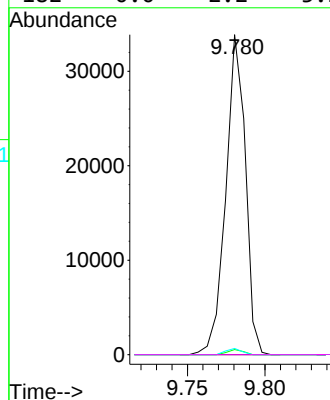
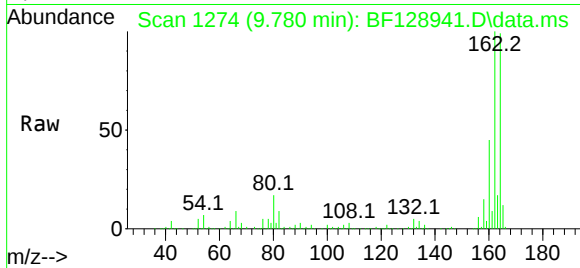




#57
2,4-Dinitrotoluene
Concen: 6.898 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

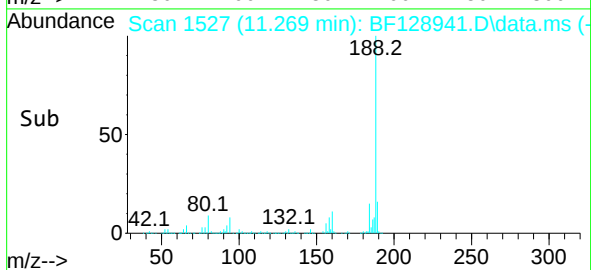
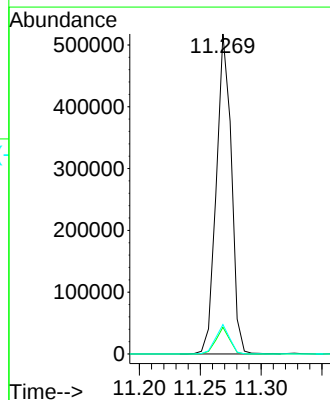
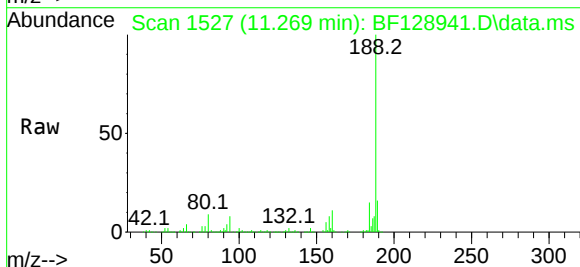
Instrument :
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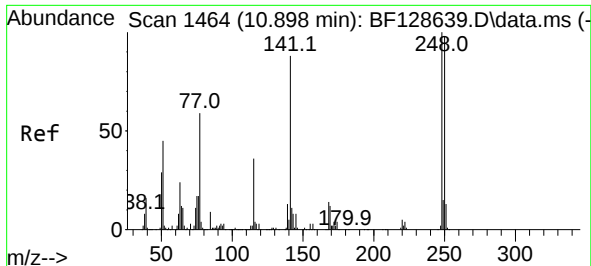
Tgt Ion:165	Resp:	29774
Ion Ratio	Lower	Upper
165	100	
63	1.6	39.8 59.6#
89	1.9	60.2 90.2#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1527
Delta R.T. -0.012 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

Tgt Ion:188	Resp:	444677
Ion Ratio	Lower	Upper
188	100	
94	8.4	7.0 10.6
80	9.2	7.6 11.4

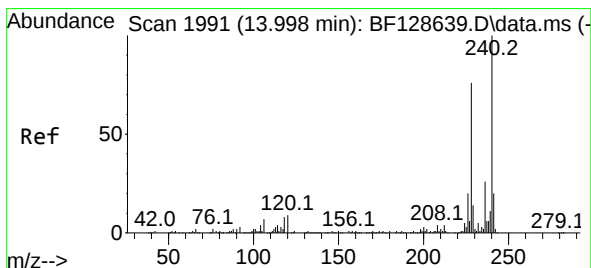
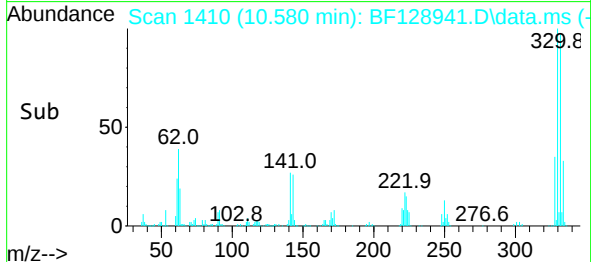
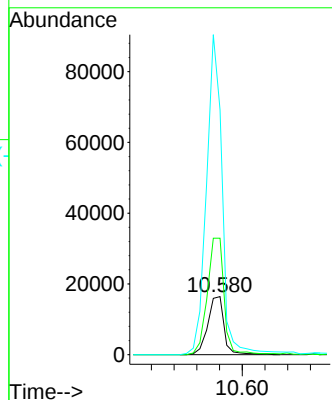
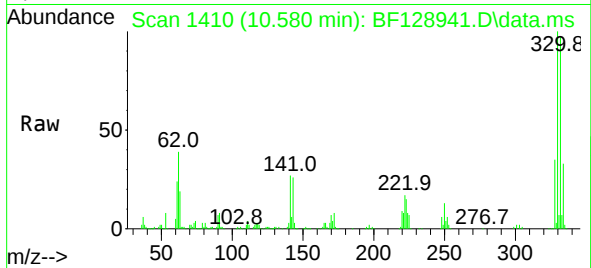




#67
4-Bromophenyl-phenylether
Concen: 3.288 ng
RT: 10.580 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

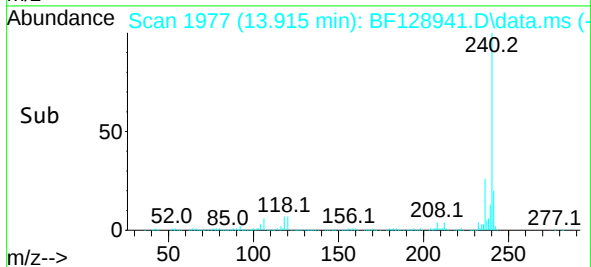
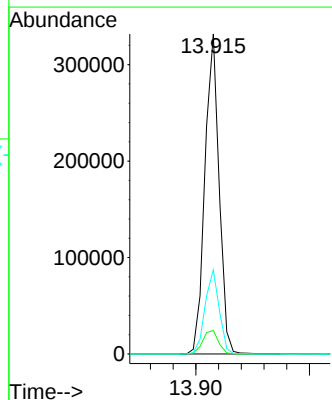
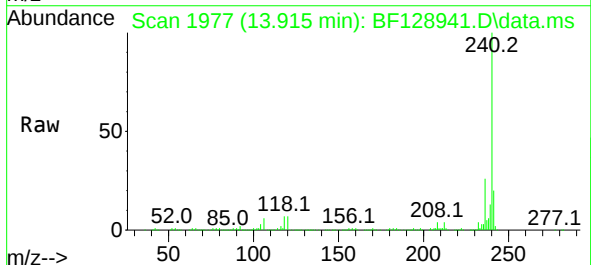
Instrument :
BNA_F
ClientSampleId :
SB-4-14-16-20220621

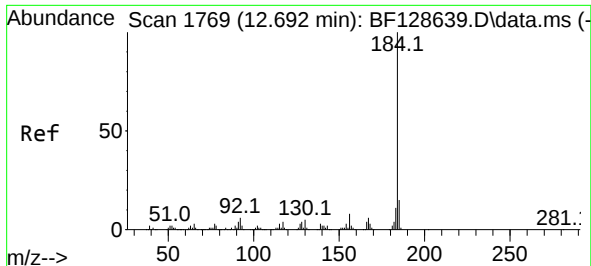
Tgt Ion:248 Resp: 16306
Ion Ratio Lower Upper
248 100
250 200.7 80.6 120.8#
141 421.8 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

Tgt Ion:240 Resp: 288074
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3#
236 26.3 20.8 31.2

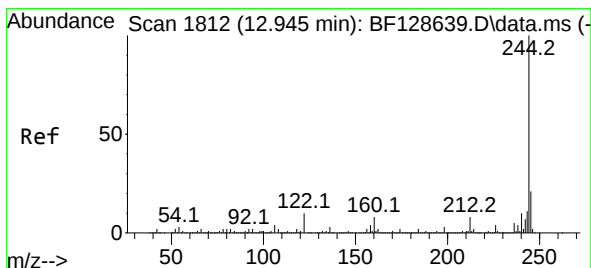
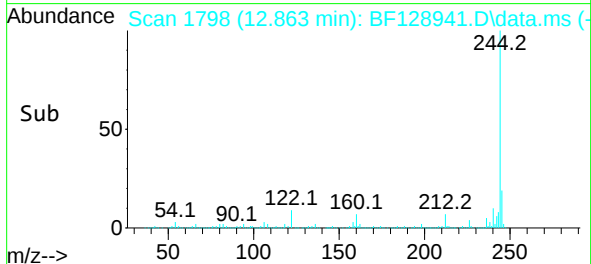
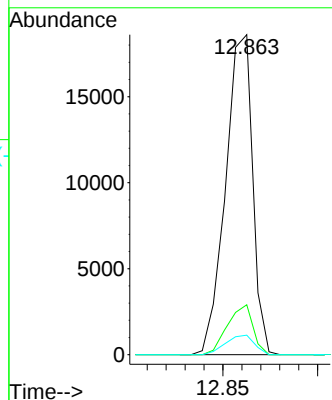
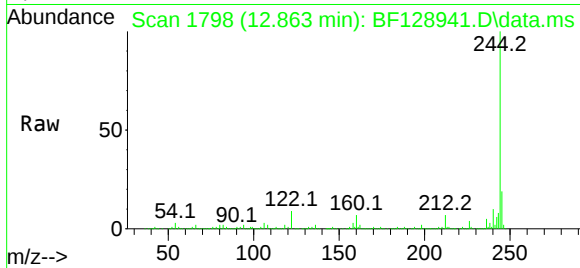




#77
Benzidine
Concen: 3.217 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.247 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

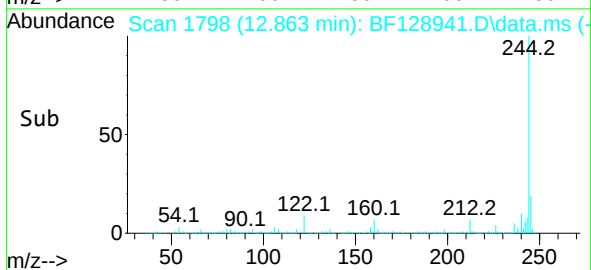
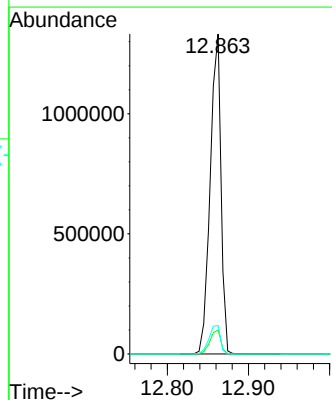
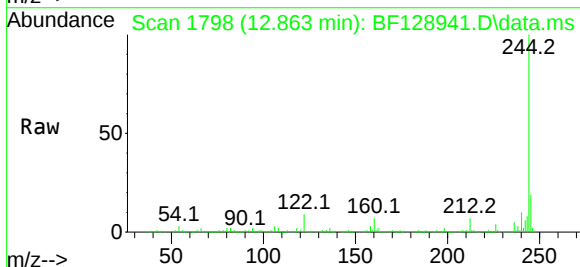
Instrument :
BNA_F
ClientSampleId :
SB-4-14-16-20220621

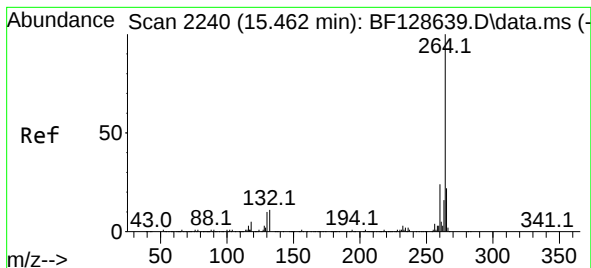
Tgt Ion:184 Resp: 18473
Ion Ratio Lower Upper
184 100
185 15.6 11.9 17.9
183 6.1 9.3 13.9#



#79
Terphenyl-d14
Concen: 73.869 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

Tgt Ion:244 Resp: 1224640
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 8.9 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.357 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128941.D

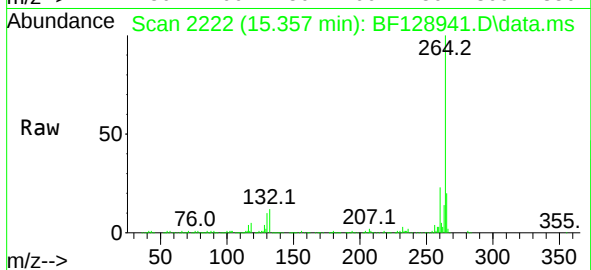
Acq: 22 Jun 2022 19:50

Instrument :

BNA_F

ClientSampleId :

SB-4-14-16-20220621



Tgt Ion:264 Resp: 211414

Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 20.4 17.2 25.8

