

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128943.D
 Acq On : 22 Jun 2022 20:48
 Operator : CG\JU
 Sample : N3426-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2207-27.5

Quant Time: Jun 23 01:33:06 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)

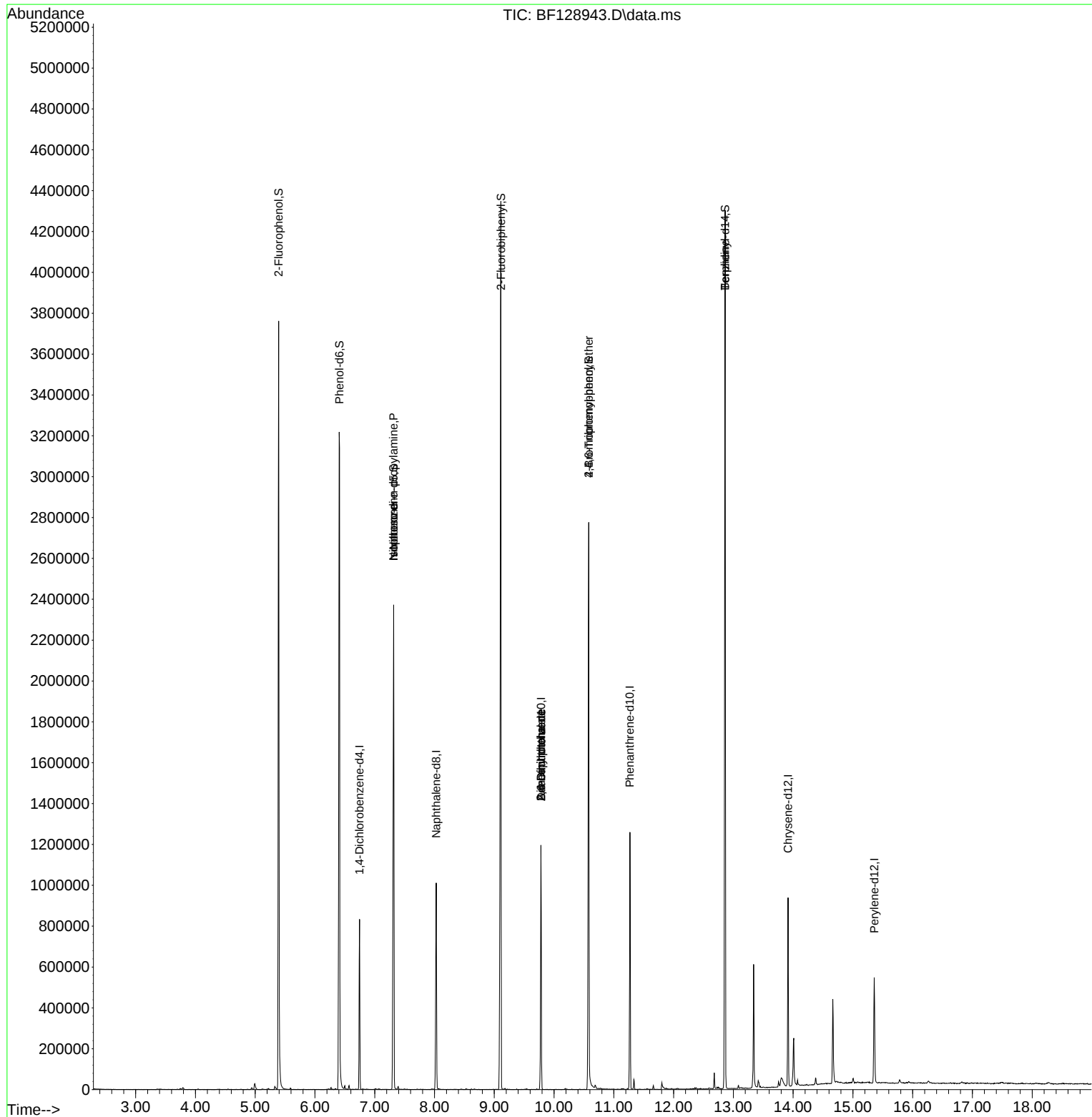
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.746	152	109925	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	426958	20.000	ng	#-0.01
39) Acenaphthene-d10	9.781	164	243273	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	424799	20.000	ng	-0.01
76) Chrysene-d12	13.916	240	290629	20.000	ng	#-0.01
86) Perylene-d12	15.357	264	217378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	882860	127.928	ng	0.00
7) Phenol-d6	6.410	99	1156894	137.331	ng	0.00
23) Nitrobenzene-d5	7.316	82	829564	90.462	ng	-0.01
42) 2,4,6-Tribromophenol	10.581	330	347091	120.753	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1495250	86.099	ng	0.00
79) Terphenyl-d14	12.863	244	1494580	89.359	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.316	70	119671	22.848	ng	# 77
25) Isophorone	7.316	82	826202	59.321	ng	# 65
50) Dimethylphthalate	9.781	163	42533	2.554	ng	# 1
51) 2,6-Dinitrotoluene	9.781	165	30709	9.344	ng	# 26
57) 2,4-Dinitrotoluene	9.781	165	30709	7.002	ng	# 21
67) 4-Bromophenyl-phenylether	10.581	248	22499	4.749	ng	# 1
77) Benzidine	12.863	184	22406	3.867	ng	# 93

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

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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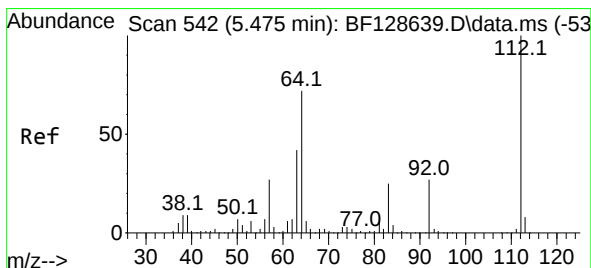
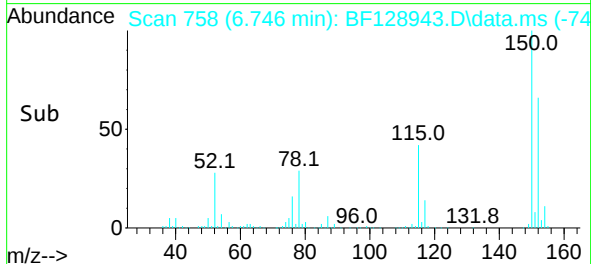
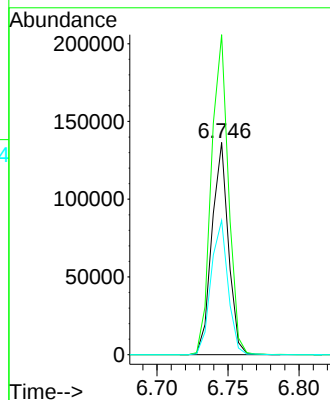
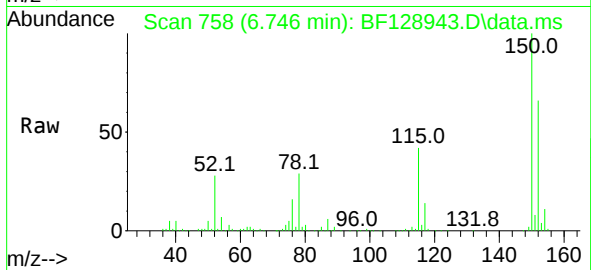




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.746 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

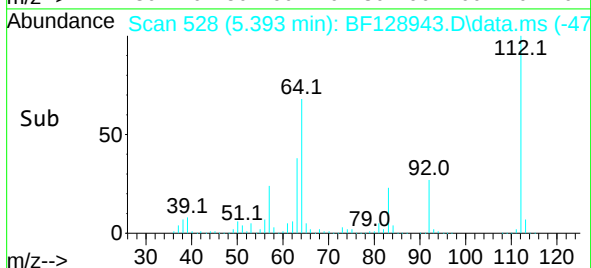
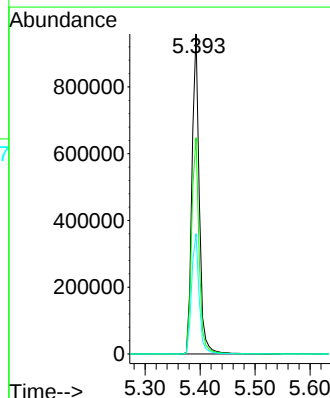
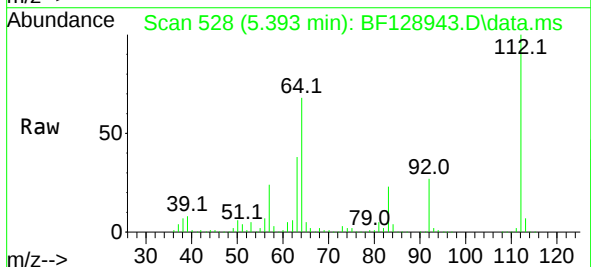
Instrument :
BNA_F
ClientSampleId :
B2207-27.5

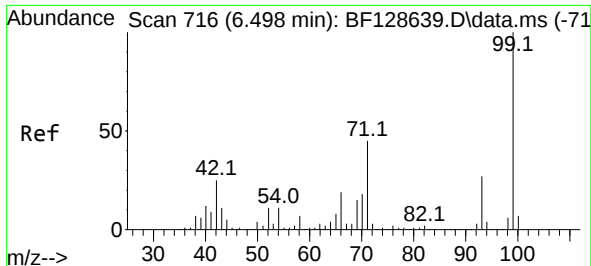
Tgt Ion:152 Resp: 109925
Ion Ratio Lower Upper
152 100
150 150.8 123.7 185.5
115 63.3 49.9 74.9



#5
2-Fluorophenol
Concen: 127.928 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

Tgt Ion:112 Resp: 882860
Ion Ratio Lower Upper
112 100
64 67.6 53.3 79.9
63 37.6 28.0 42.0

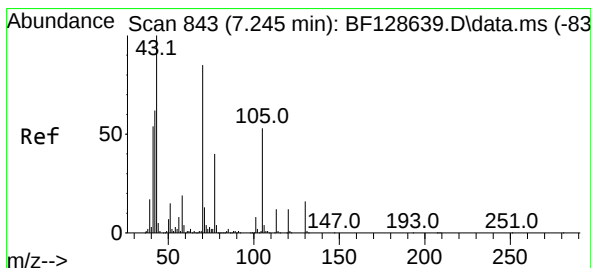
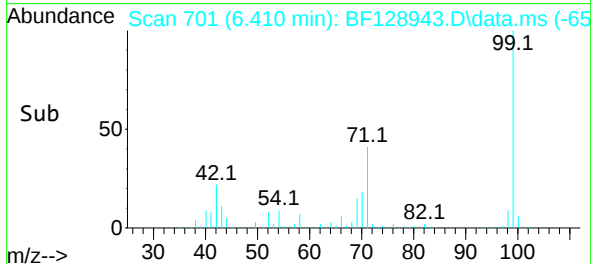
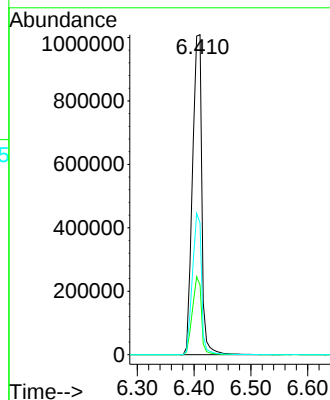
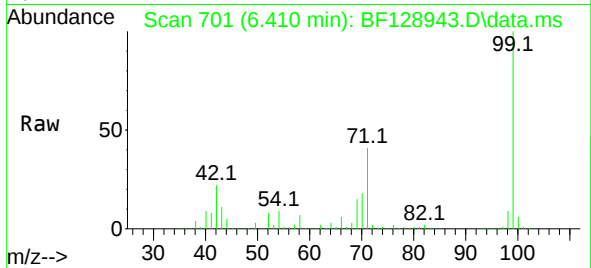




#7
Phenol-d6
Concen: 137.331 ng
RT: 6.410 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

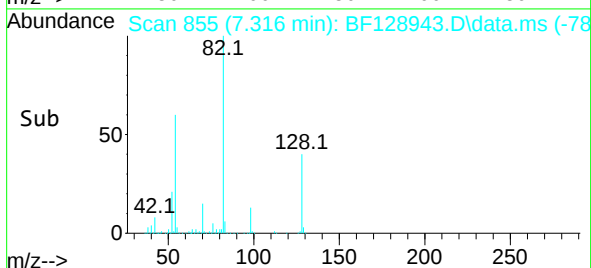
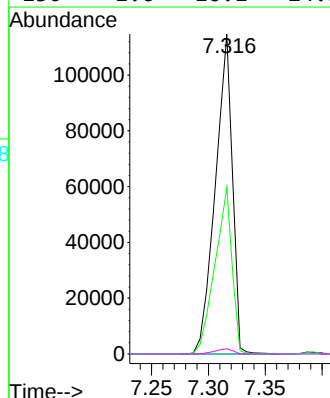
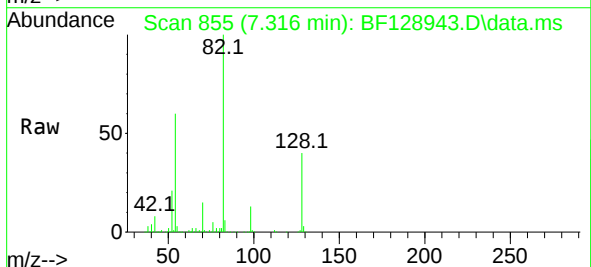
Instrument :
BNA_F
ClientSampleId :
B2207-27.5

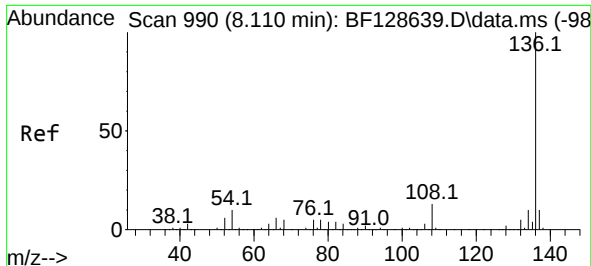
Tgt Ion: 99 Resp: 1156894
Ion Ratio Lower Upper
99 100
42 21.8 17.3 25.9
71 41.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.848 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.135 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

Tgt Ion: 70 Resp: 119671
Ion Ratio Lower Upper
70 100
42 52.0 52.3 78.5#
101 0.0 7.5 11.3#
130 1.6 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: BF128943.D

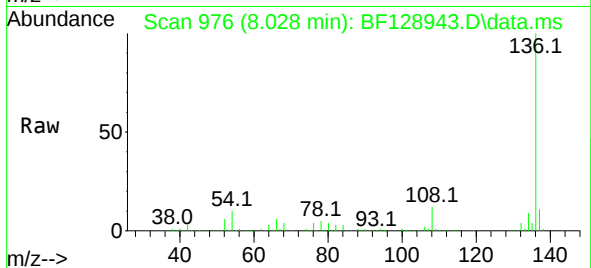
Acq: 22 Jun 2022 20:48

Instrument :

BNA_F

ClientSampleId :

B2207-27.5



Tgt Ion:136 Resp: 426958

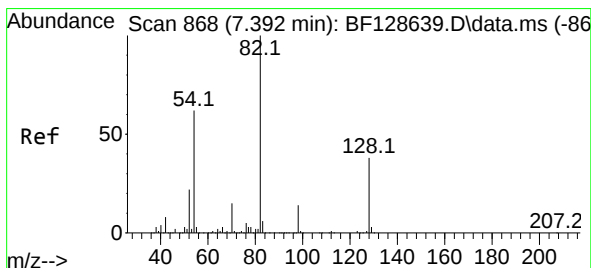
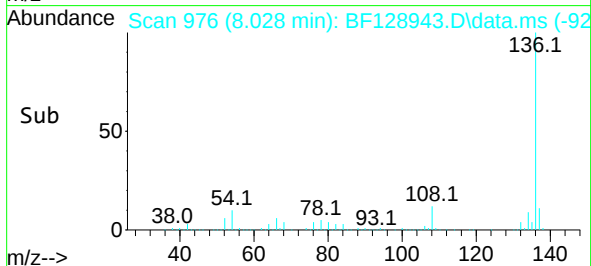
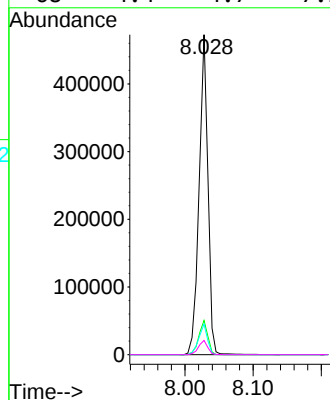
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.5 7.5 11.3

68 4.4 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 90.462 ng

RT: 7.316 min Scan# 855

Delta R.T. -0.012 min

Lab File: BF128943.D

Acq: 22 Jun 2022 20:48

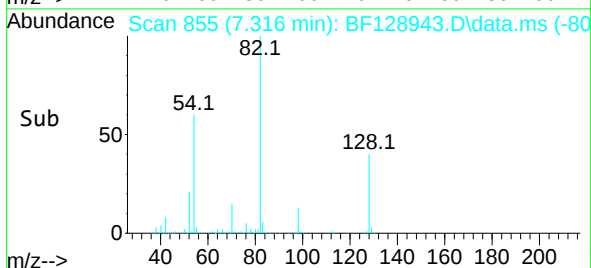
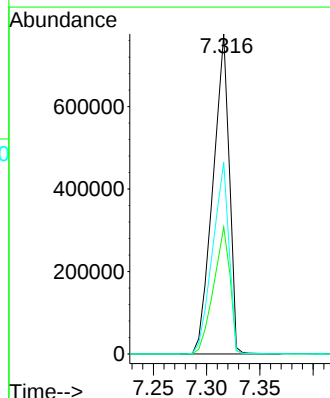
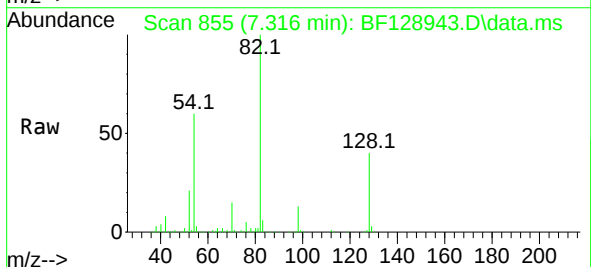
Tgt Ion: 82 Resp: 829564

Ion Ratio Lower Upper

82 100

128 39.6 34.0 51.0

54 59.9 46.9 70.3

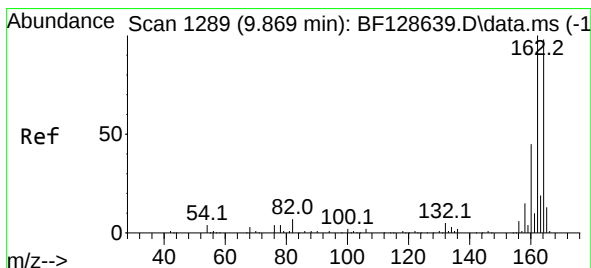
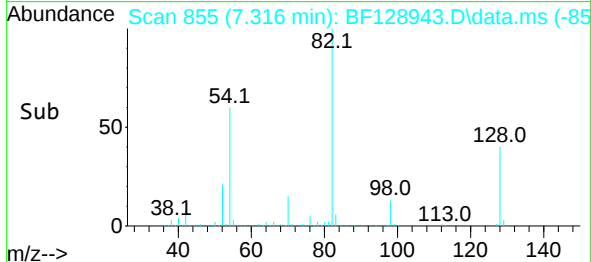
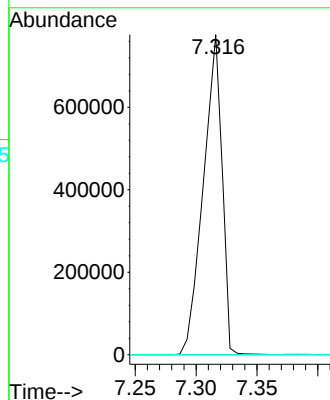
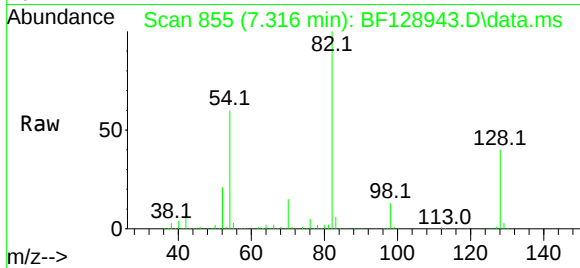




#25
Isophorone
Concen: 59.321 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

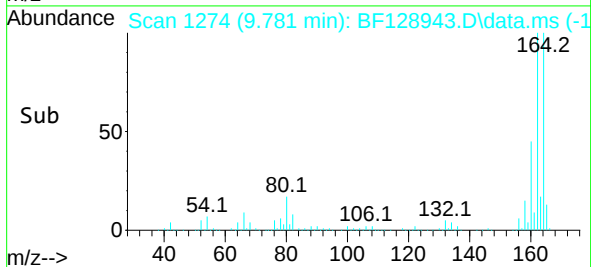
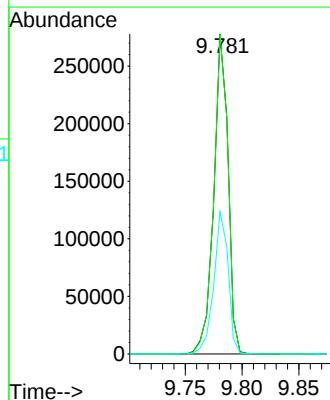
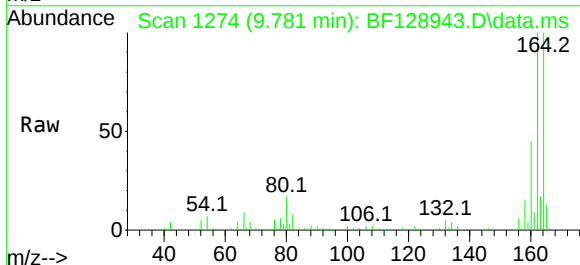
Instrument :
BNA_F
ClientSampleId :
B2207-27.5

Tgt Ion: 82 Resp: 826202
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: 9.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

Tgt Ion:164 Resp: 243273
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 120.753 ng

RT: 10.581 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128943.D

Acq: 22 Jun 2022 20:48

Instrument :

BNA_F

ClientSampleId :

B2207-27.5

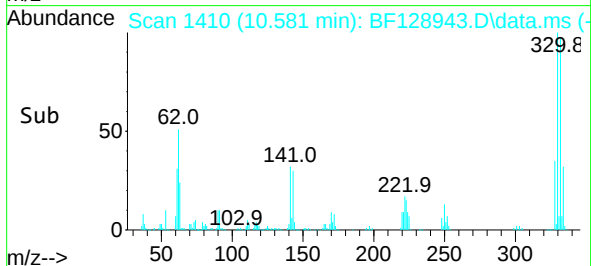
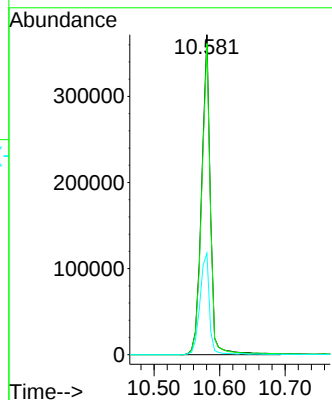
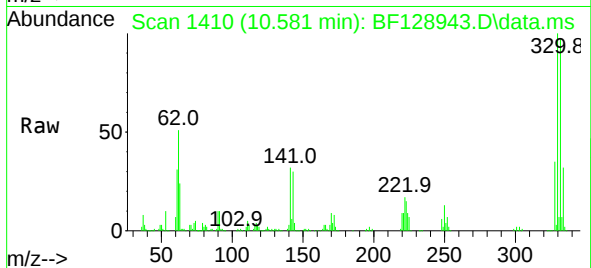
Tgt Ion:330 Resp: 347091

Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

141 34.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 86.099 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128943.D

Acq: 22 Jun 2022 20:48

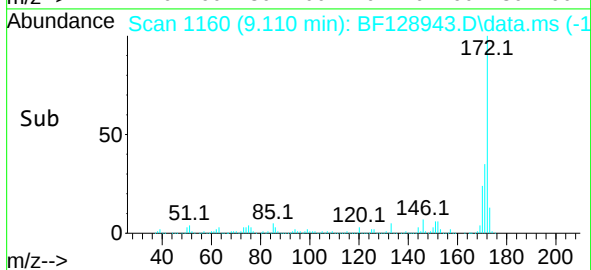
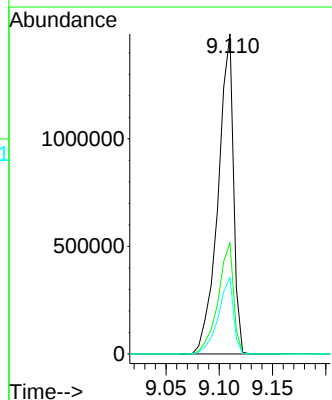
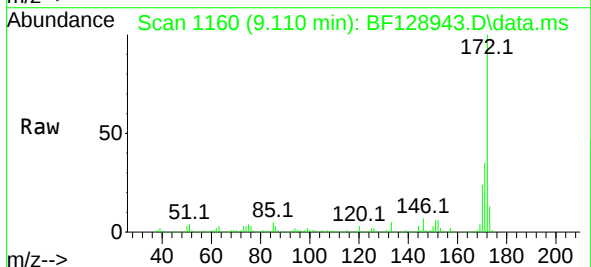
Tgt Ion:172 Resp: 1495250

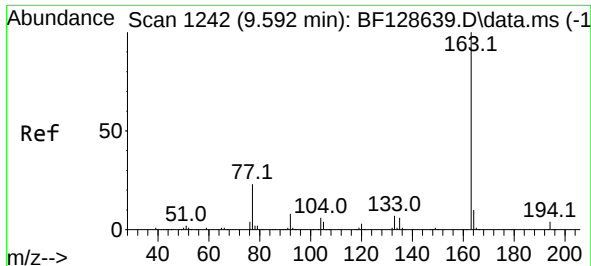
Ion Ratio Lower Upper

172 100

171 34.7 28.8 43.2

170 23.9 19.8 29.8

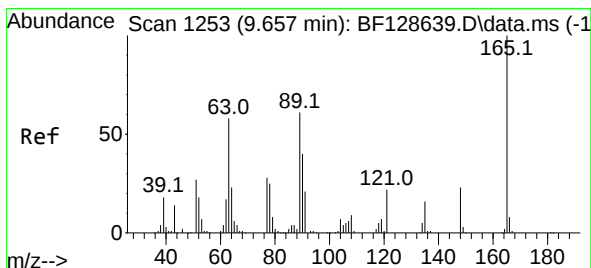
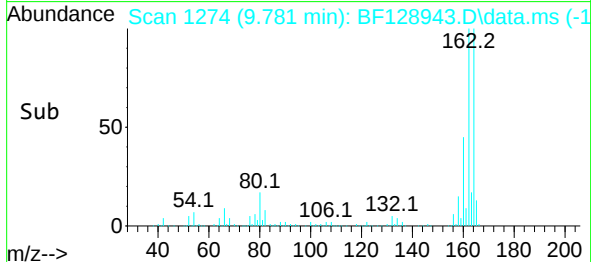
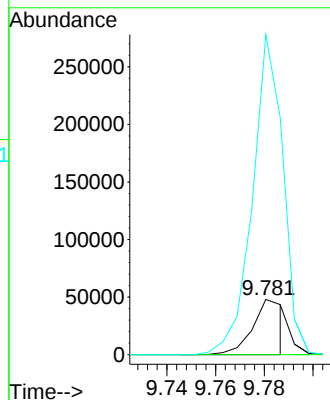
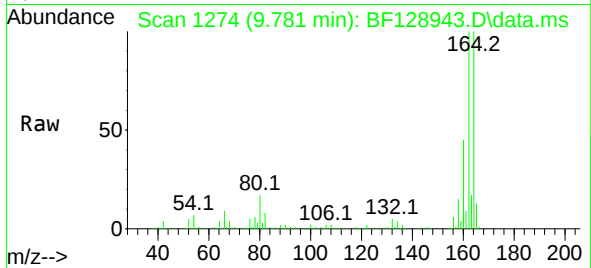




#50
Dimethylphthalate
Concen: 2.554 ng
RT: 9.781 min Scan# 1274
Delta R.T. 0.259 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

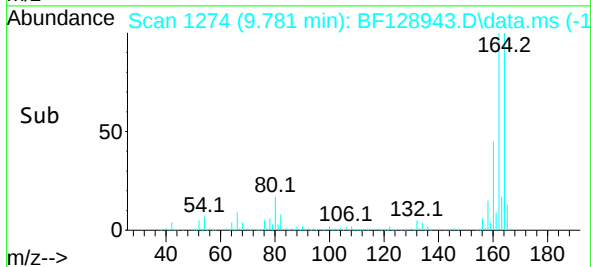
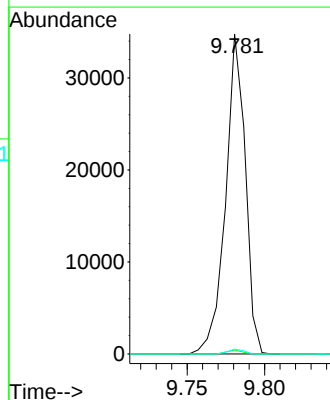
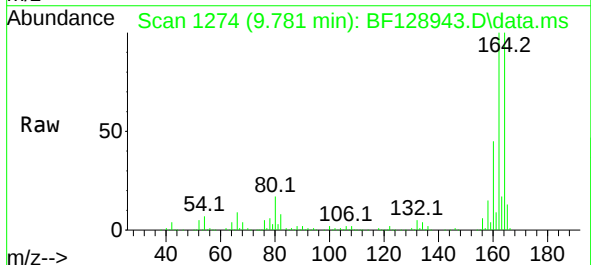
Instrument :
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B2207-27.5

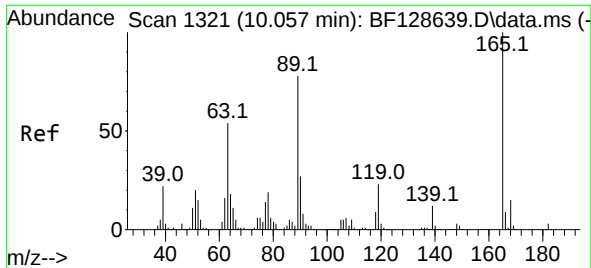
Tgt Ion:163 Resp: 42533
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 579.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.344 ng
RT: 9.781 min Scan# 1274
Delta R.T. 0.194 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

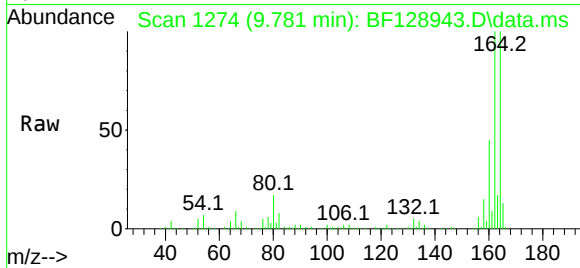
Tgt Ion:165 Resp: 30709
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.5 43.6 65.4#



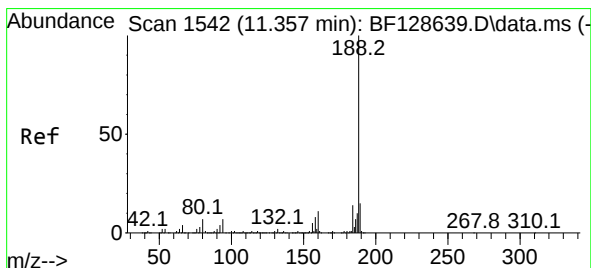
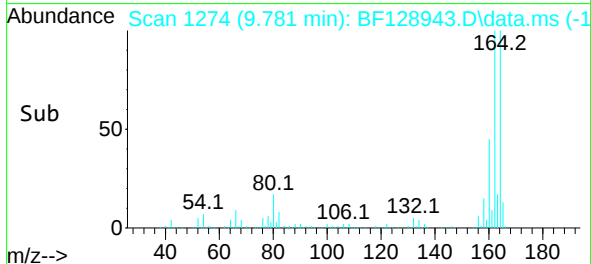
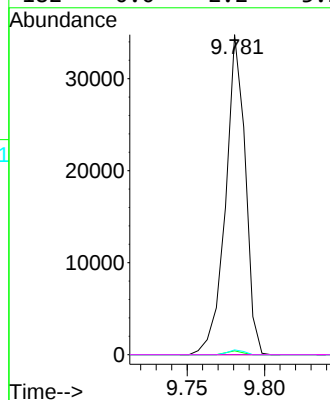


#57
2,4-Dinitrotoluene
Concen: 7.002 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

Instrument :
BNA_F
ClientSampleId :
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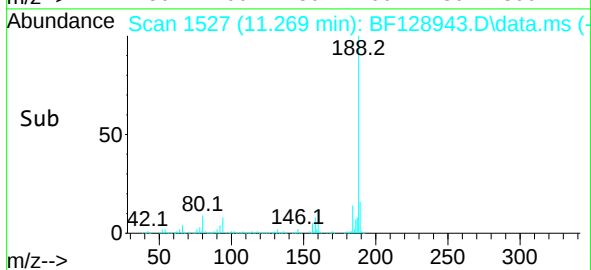
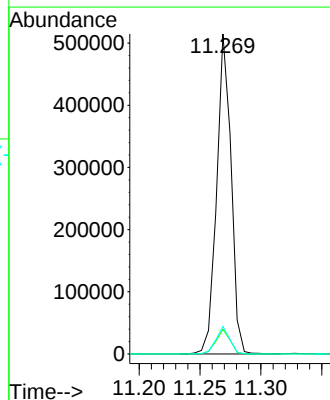
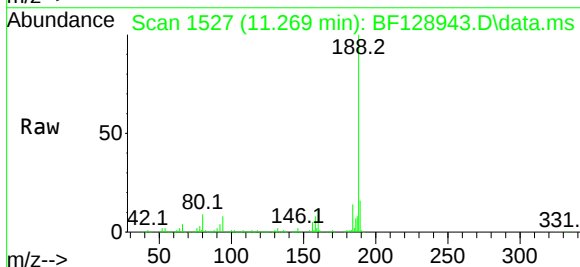


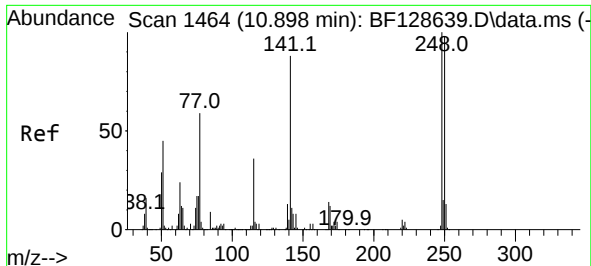
Tgt Ion:165 Resp: 30709
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1527
Delta R.T. -0.012 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

Tgt Ion:188 Resp: 424799
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.6 7.6 11.4

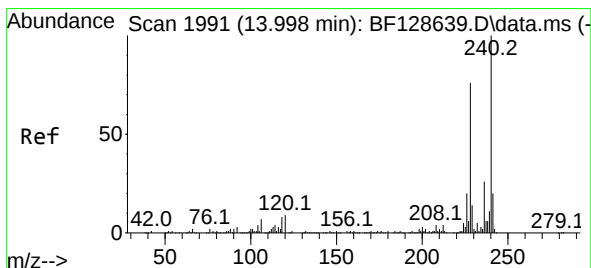
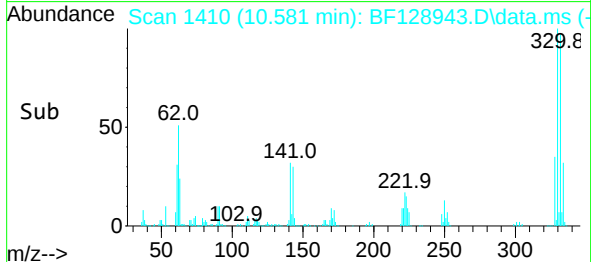
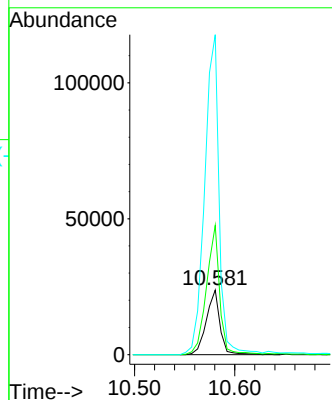
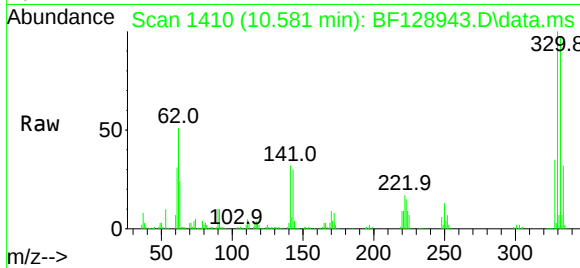




#67
4-Bromophenyl-phenylether
Concen: 4.749 ng
RT: 10.581 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

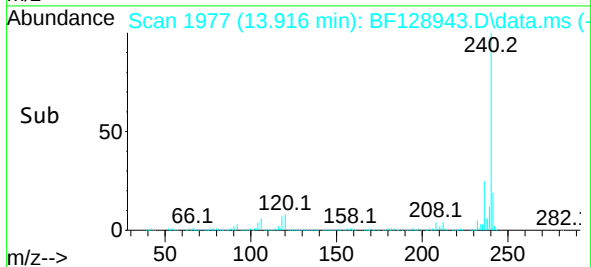
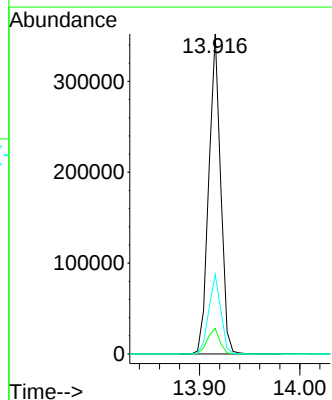
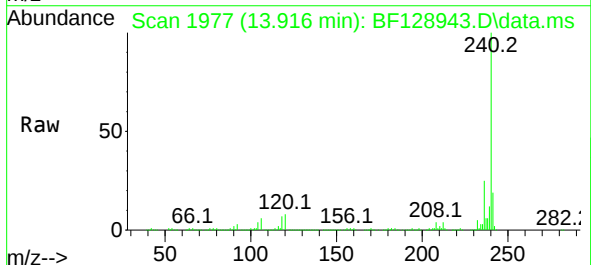
Instrument :
BNA_F
ClientSampleId :
B2207-27.5

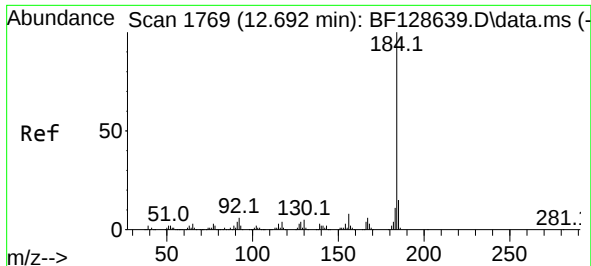
Tgt Ion:248 Resp: 22499
Ion Ratio Lower Upper
248 100
250 200.2 80.6 120.8#
141 495.4 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

Tgt Ion:240 Resp: 290629
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 24.8 20.8 31.2

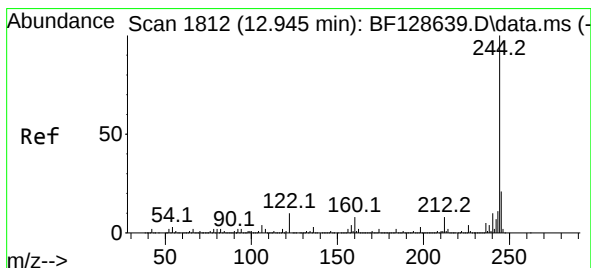
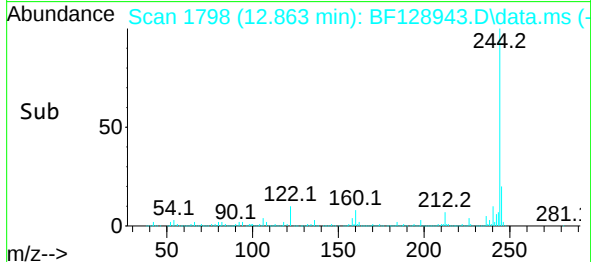
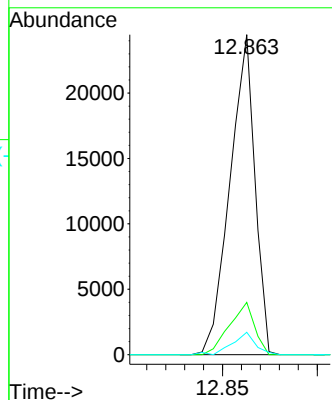
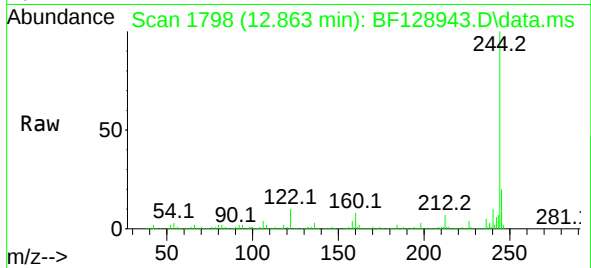




#77
Benzidine
Concen: 3.867 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.247 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

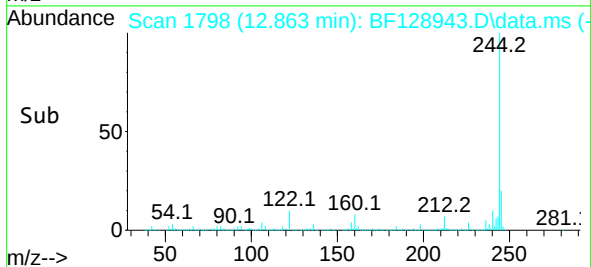
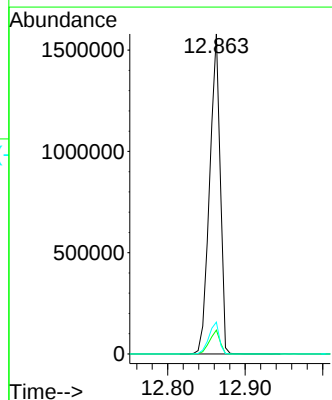
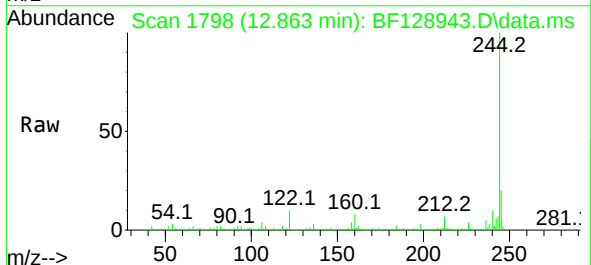
Instrument :
BNA_F
ClientSampleId :
B2207-27.5

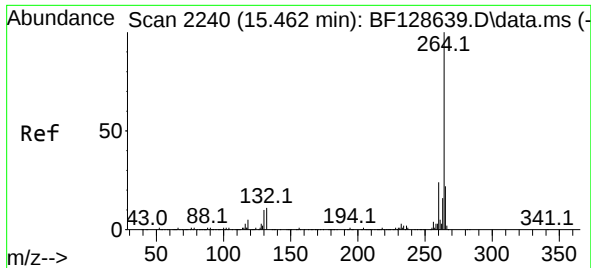
Tgt Ion:184 Resp: 22406
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 7.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 89.359 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF128943.D
Acq: 22 Jun 2022 20:48

Tgt Ion:244 Resp: 1494580
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 10.0 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: BF128943.D
 Acq: 22 Jun 2022 20:48

Instrument :
 BNA_F
 ClientSampleId :
 B2207-27.5

Tgt Ion:264 Resp: 217378
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 21.1 17.2 25.8

