

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128346.D
 Acq On : 19 May 2022 19:56
 Operator : CG\JU
 Sample : N2934-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-220513

Quant Time: May 20 02:46:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

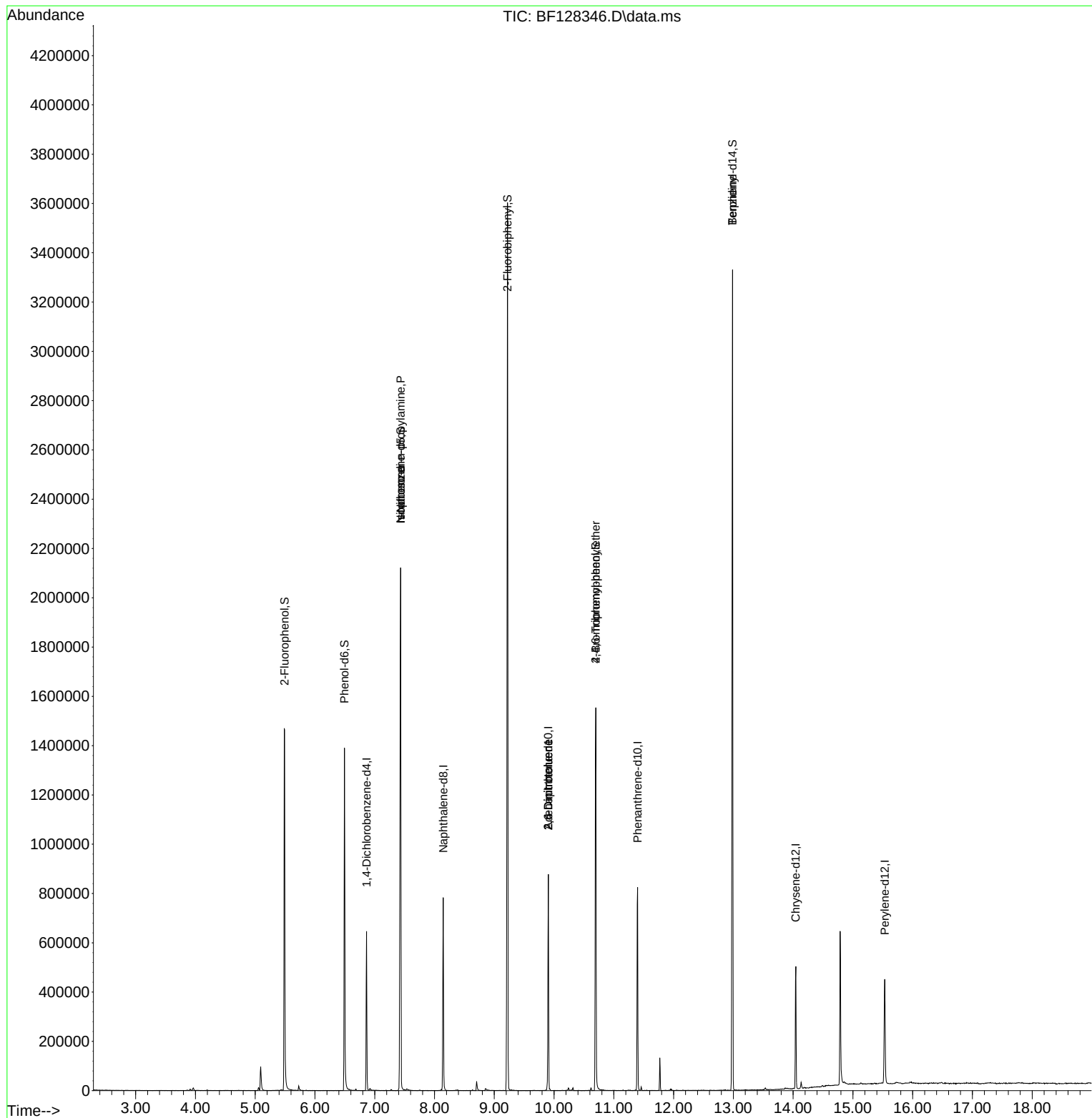
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	84049	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	319506	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	165072	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	309890	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	167351	20.000	ng	-0.01
86) Perylene-d12	15.533	264	192788	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	404423	76.706	ng	0.00
7) Phenol-d6	6.493	99	424585	60.885	ng	-0.02
23) Nitrobenzene-d5	7.434	82	772330	108.769	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	178784	94.436	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	1128114	106.932	ng	-0.01
79) Terphenyl-d14	12.986	244	1148580	128.784	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.493	77	670	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	105348	24.531	ng	# 79
25) Isophorone	7.434	82	772323	69.378	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	21526	9.212	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	21526	6.889	ng	# 30
67) 4-Bromophenyl-phenylether	10.698	248	11476	3.442	ng	# 1
77) Benizidine	12.986	184	17023	4.697	ng	# 92

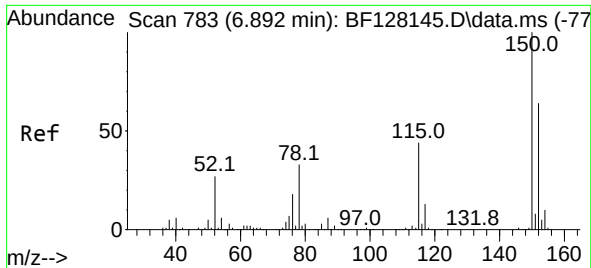
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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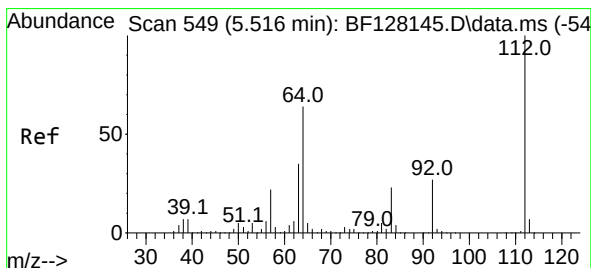
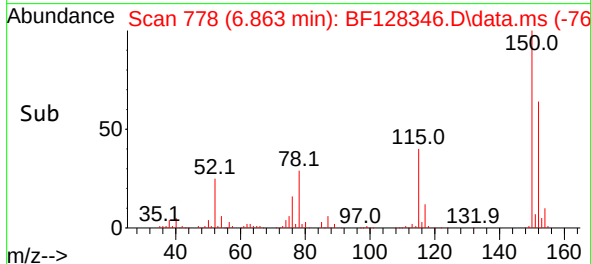
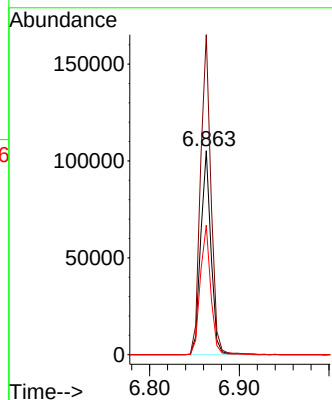
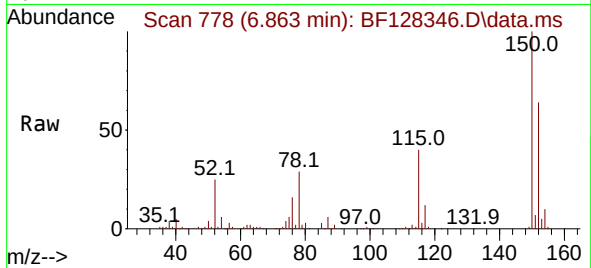




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128346.D
Acq: 19 May 2022 19:56

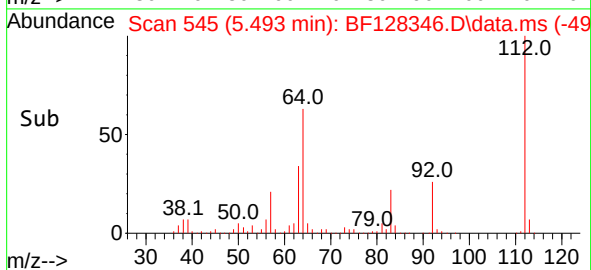
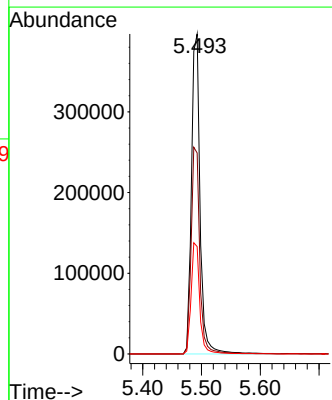
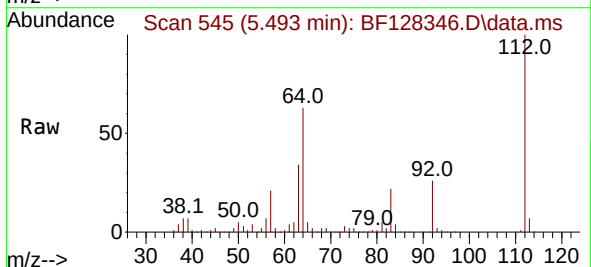
Instrument :
BNA_F
ClientSampleId :
RB-220513

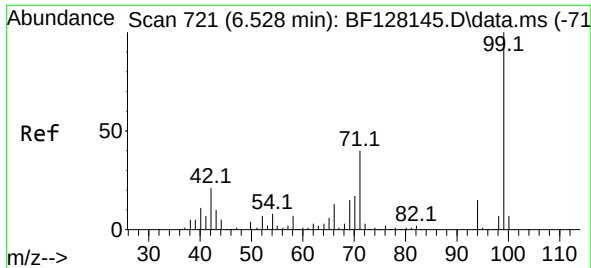
Tgt Ion:152 Resp: 84049
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 63.5 48.8 73.2



#5
2-Fluorophenol
Concen: 76.706 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF128346.D
Acq: 19 May 2022 19:56

Tgt Ion:112 Resp: 404423
Ion Ratio Lower Upper
112 100
64 62.8 49.5 74.3
63 33.6 26.3 39.5

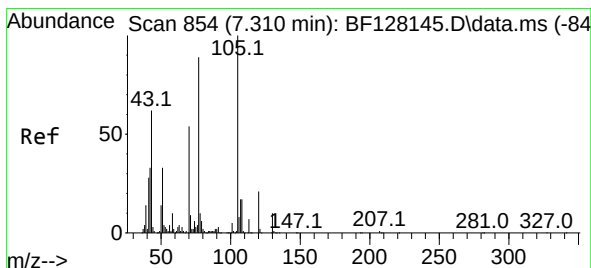
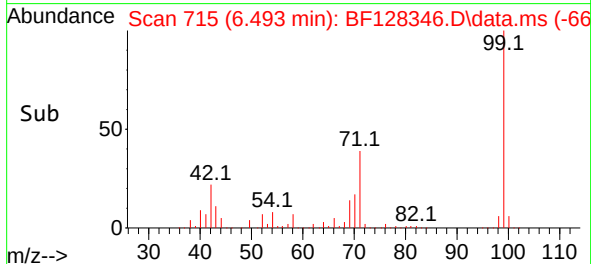
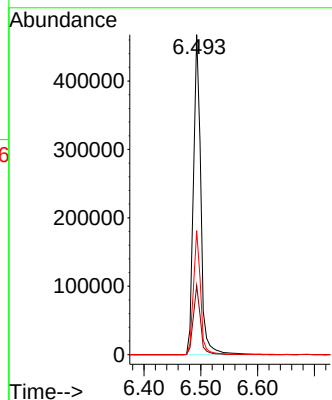
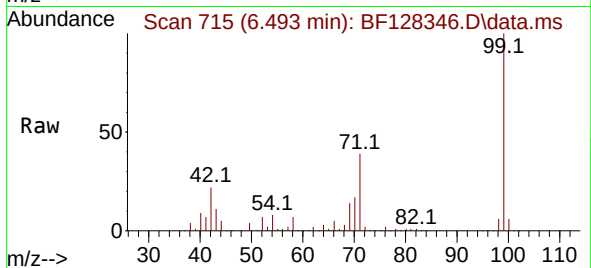




#7
Phenol-d6
Concen: 60.885 ng
RT: 6.493 min Scan# 715
Delta R.T. -0.017 min
Lab File: BF128346.D
Acq: 19 May 2022 19:56

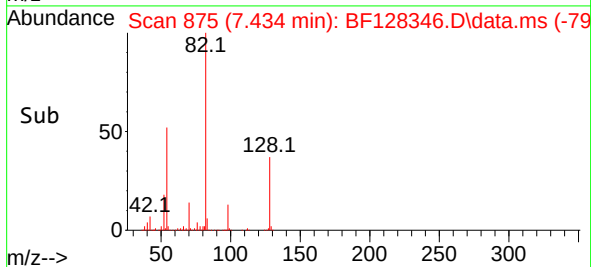
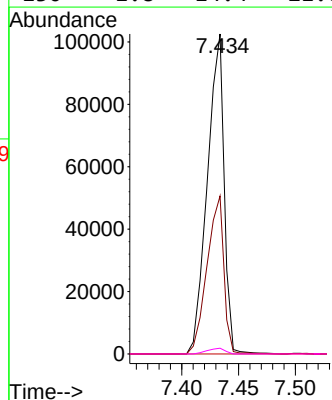
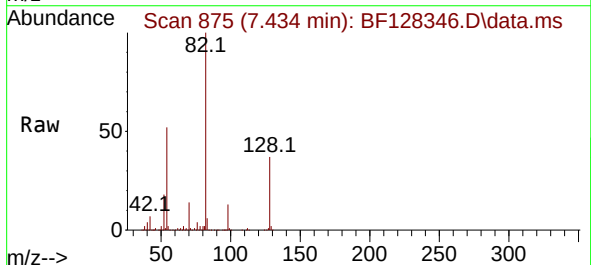
Instrument :
BNA_F
ClientSampleId :
RB-220513

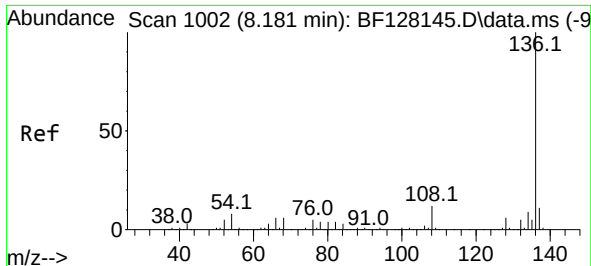
Tgt Ion: 99 Resp: 424585
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 38.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 24.531 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF128346.D
Acq: 19 May 2022 19:56

Tgt Ion: 70 Resp: 105348
Ion Ratio Lower Upper
70 100
42 49.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

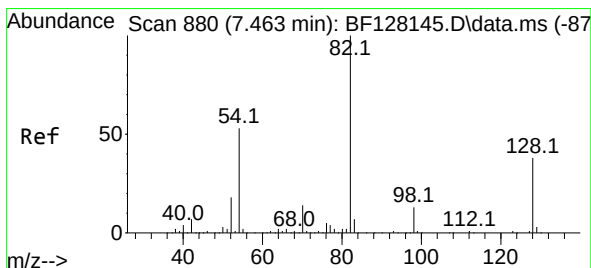
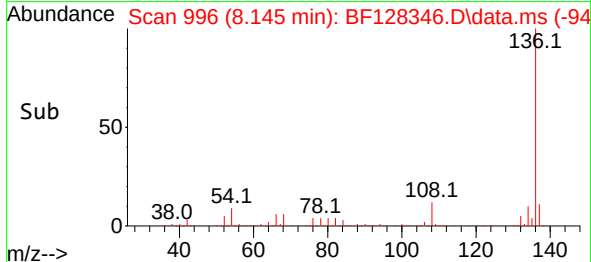
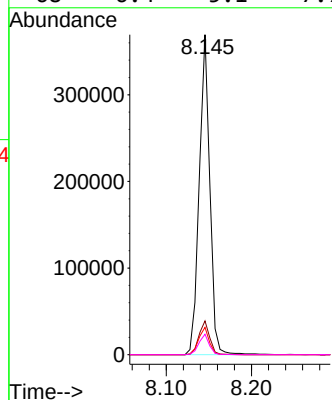
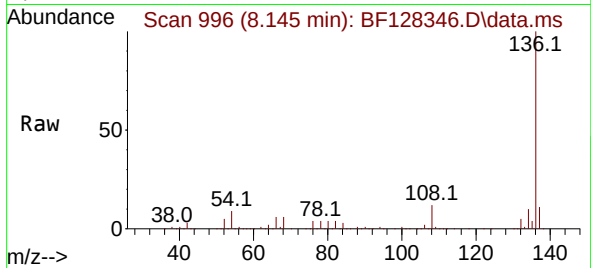




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128346.D
Acq: 19 May 2022 19:56

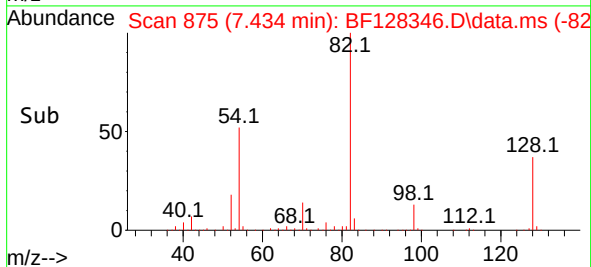
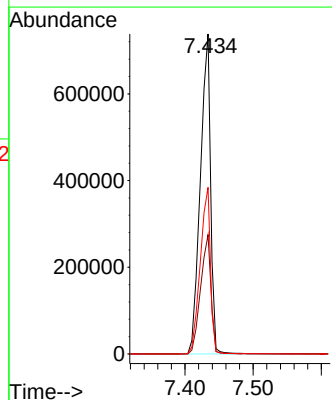
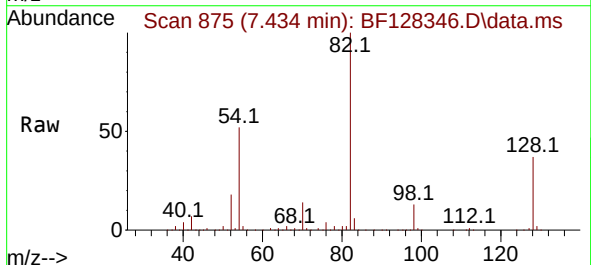
Instrument :
BNA_F
ClientSampleId :
RB-220513

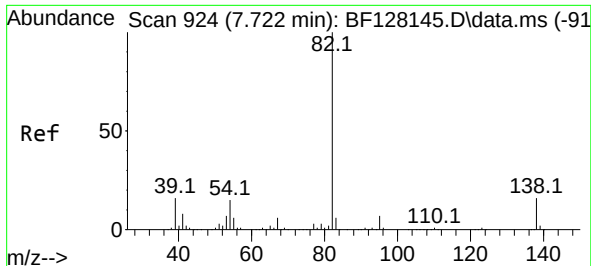
Tgt Ion:	136	Resp:	319506
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	8.5	6.8	10.2
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 108.769 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF128346.D
Acq: 19 May 2022 19:56

Tgt Ion:	82	Resp:	772330
Ion Ratio	Lower	Upper	
82	100		
128	37.3	30.0	45.0
54	52.0	41.3	61.9

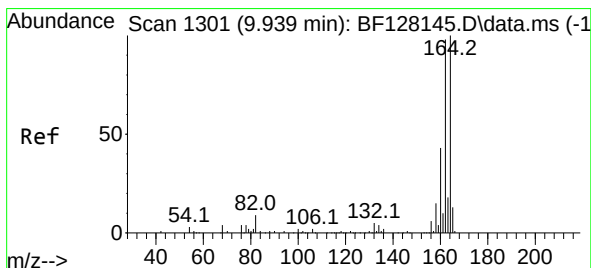
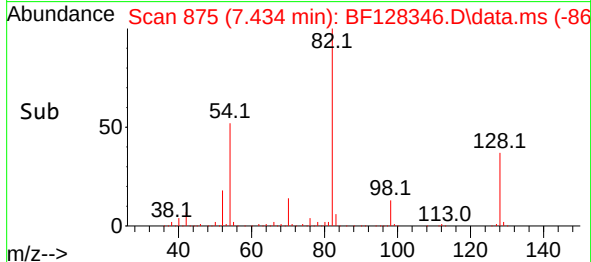
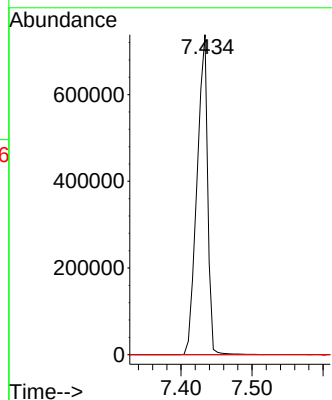
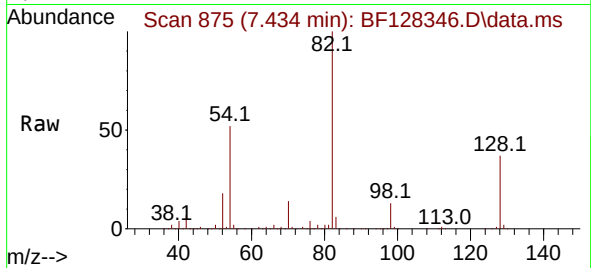




#25
Isophorone
Concen: 69.378 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF128346.D
Acq: 19 May 2022 19:56

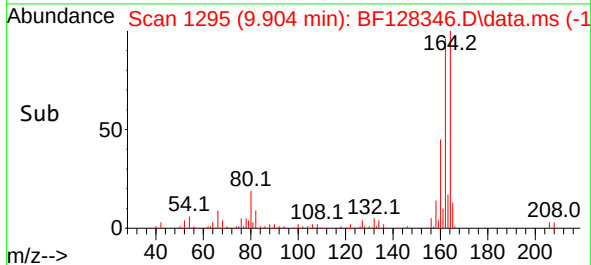
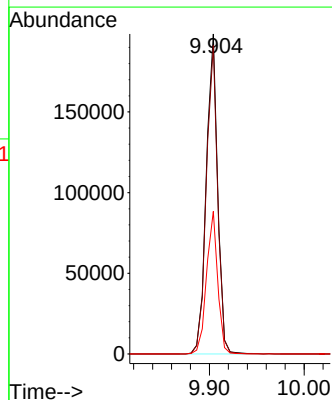
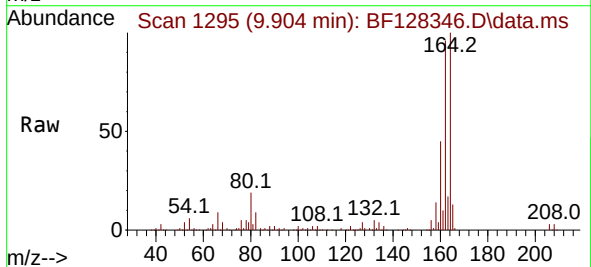
Instrument :
BNA_F
ClientSampleId :
RB-220513

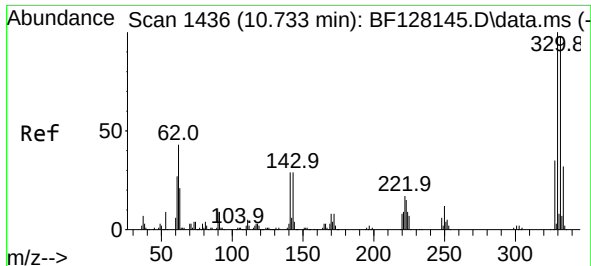
Tgt Ion: 82 Resp: 772323
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128346.D
Acq: 19 May 2022 19:56

Tgt Ion:164 Resp: 165072
Ion Ratio Lower Upper
164 100
162 96.4 76.0 114.0
160 44.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 94.436 ng

RT: 10.698 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128346.D

Acq: 19 May 2022 19:56

Instrument :

BNA_F

ClientSampleId :

RB-220513

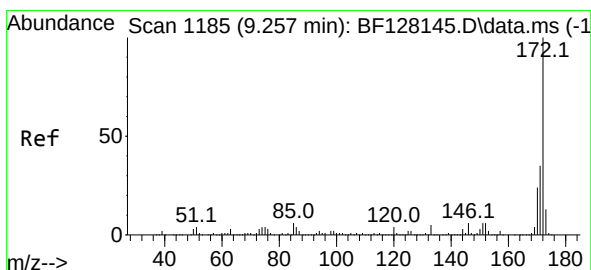
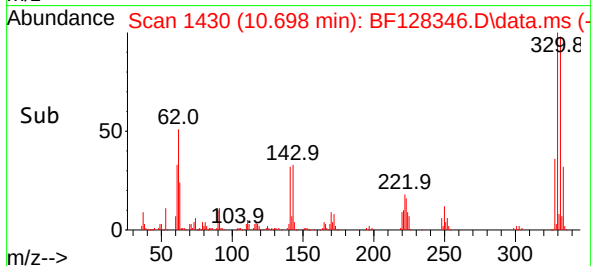
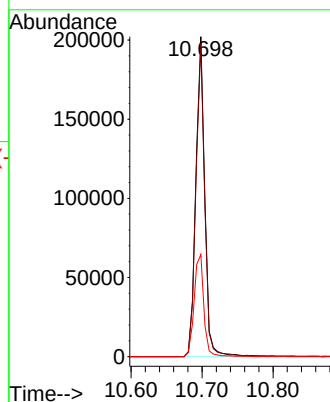
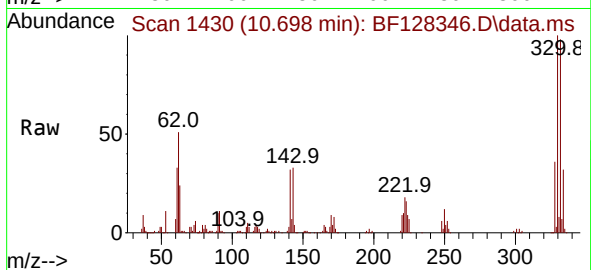
Tgt Ion:330 Resp: 178784

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

141 34.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 106.932 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128346.D

Acq: 19 May 2022 19:56

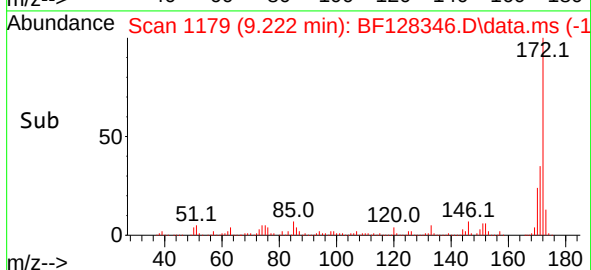
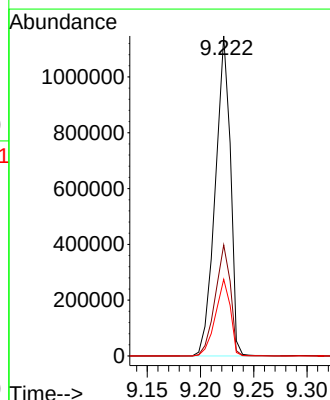
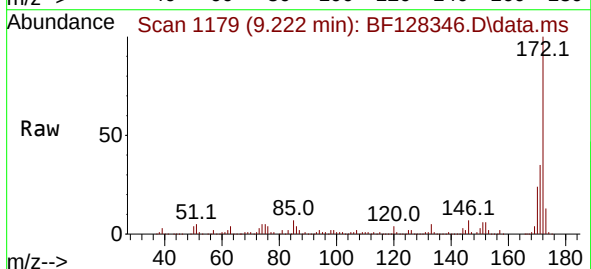
Tgt Ion:172 Resp: 1128114

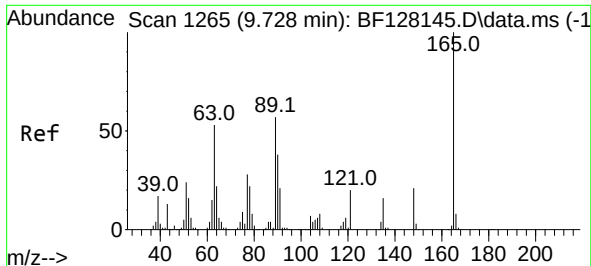
Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 24.0 19.1 28.7

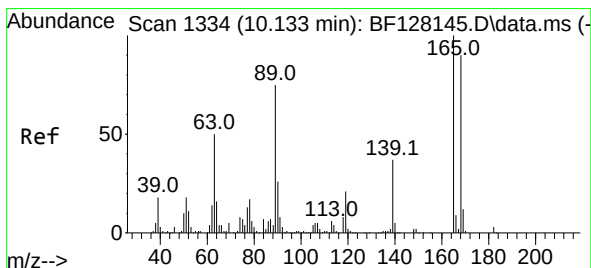
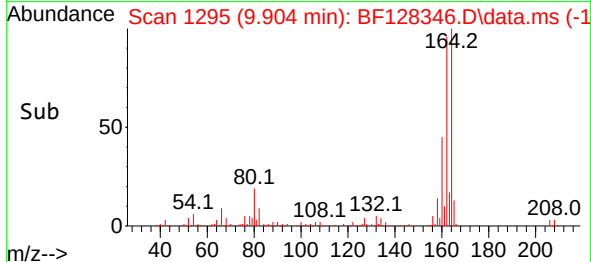
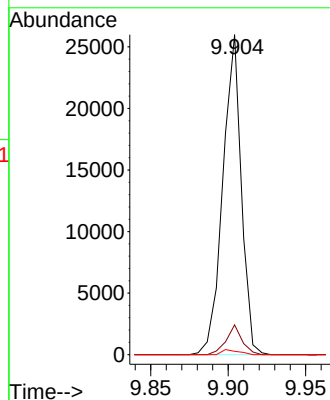
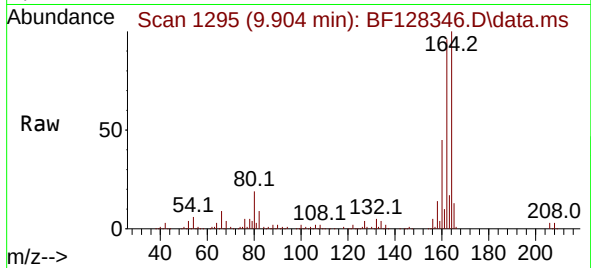




#51
2,6-Dinitrotoluene
Concen: 9.212 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF128346.D
Acq: 19 May 2022 19:56

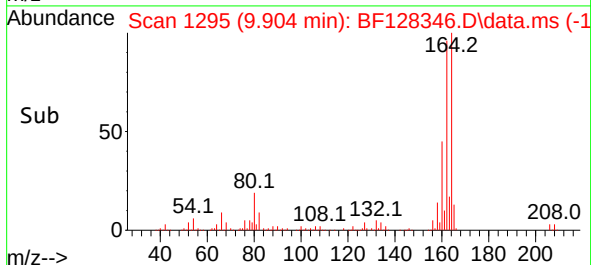
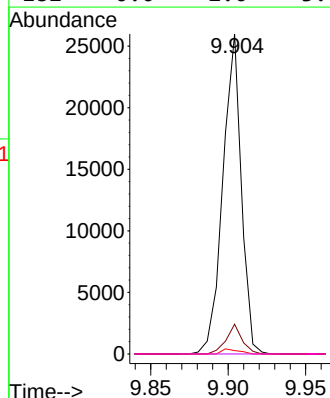
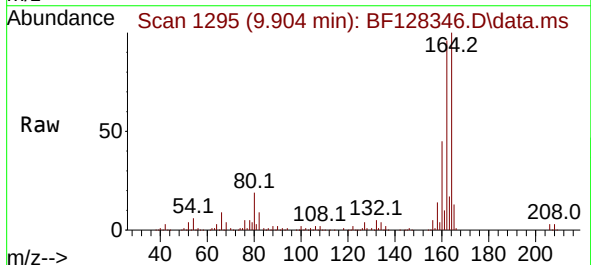
Instrument :
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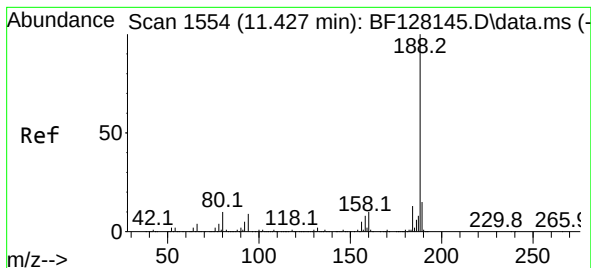
Tgt Ion:165 Resp: 21526
Ion Ratio Lower Upper
165 100
63 9.3 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.889 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.212 min
Lab File: BF128346.D
Acq: 19 May 2022 19:56

Tgt Ion:165 Resp: 21526
Ion Ratio Lower Upper
165 100
63 9.3 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128346.D

Acq: 19 May 2022 19:56

Instrument :

BNA_F

ClientSampleId :

RB-220513

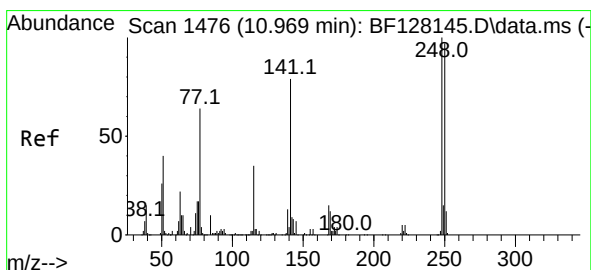
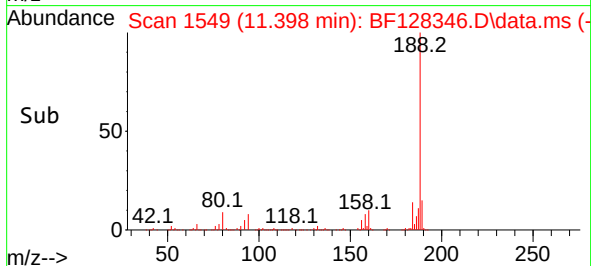
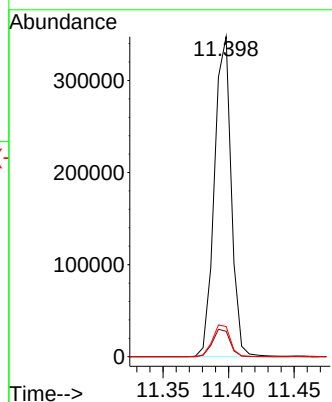
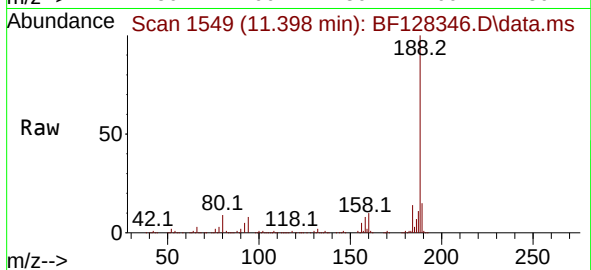
Tgt Ion:188 Resp: 309890

Ion Ratio Lower Upper

188 100

94 7.9 8.0 12.0#

80 9.4 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.442 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.247 min

Lab File: BF128346.D

Acq: 19 May 2022 19:56

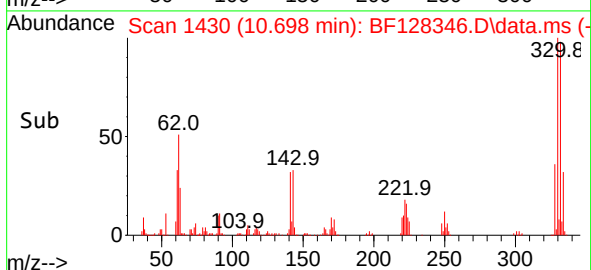
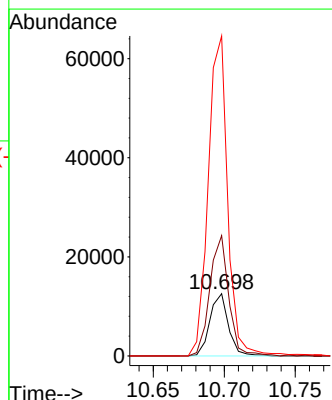
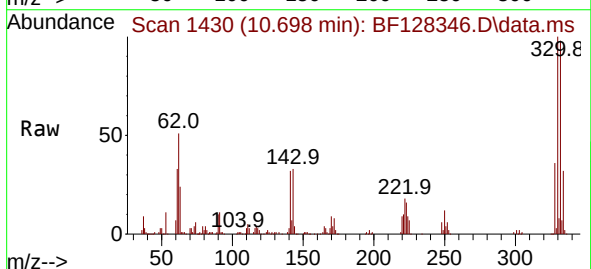
Tgt Ion:248 Resp: 11476

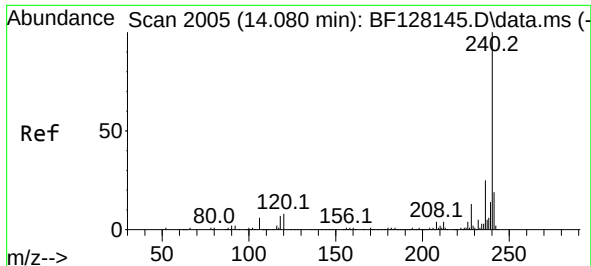
Ion Ratio Lower Upper

248 100

250 193.4 77.7 116.5#

141 514.4 65.6 98.4#

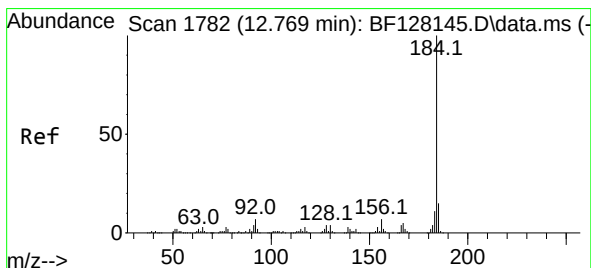
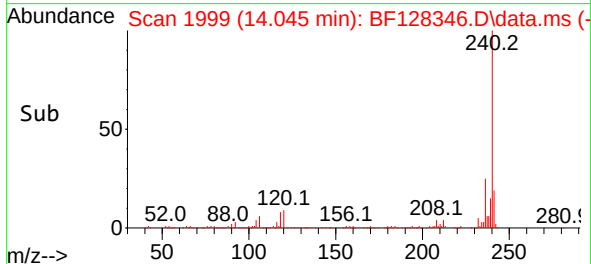
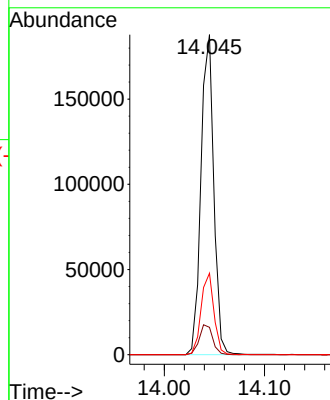
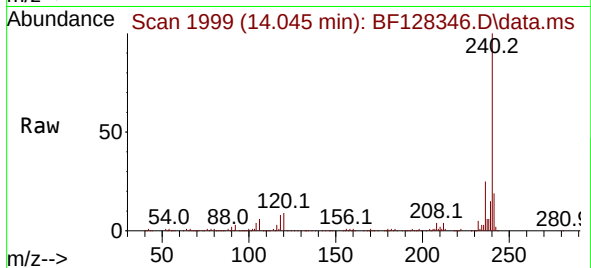




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1819
Delta R.T. -0.012 min
Lab File: BF128346.D
Acq: 19 May 2022 19:56

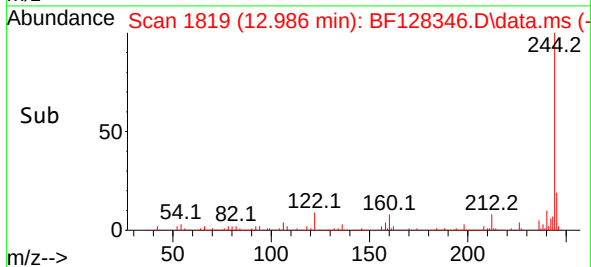
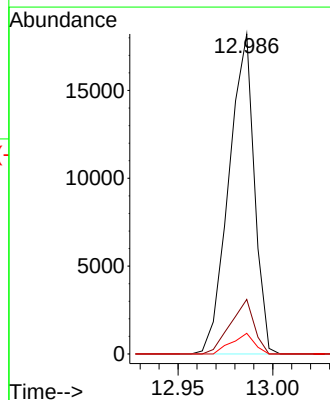
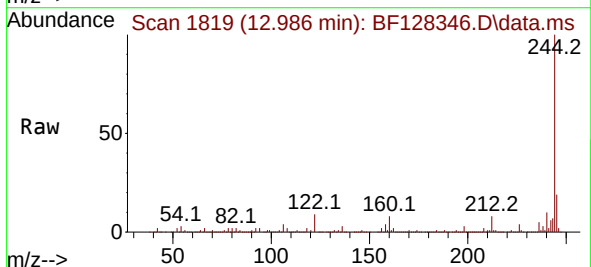
Instrument :
BNA_F
ClientSampleId :
RB-220513

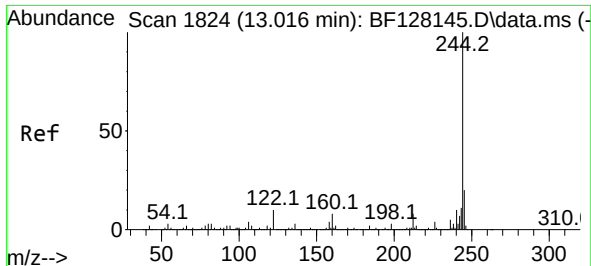
Tgt Ion:240 Resp: 167351
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 25.4 20.3 30.5



#77
Benzidine
Concen: 4.697 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF128346.D
Acq: 19 May 2022 19:56

Tgt Ion:184 Resp: 17023
Ion Ratio Lower Upper
184 100
185 17.0 12.1 18.1
183 6.4 9.0 13.4#

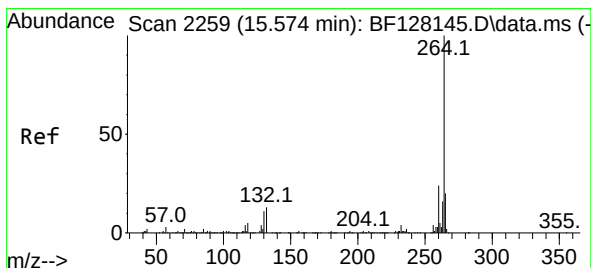
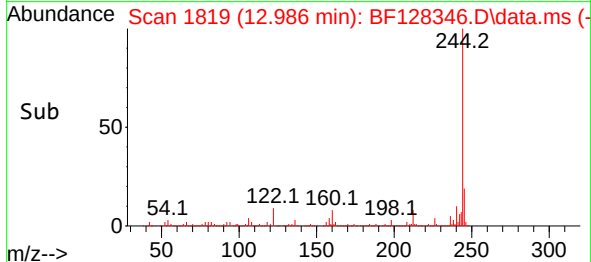
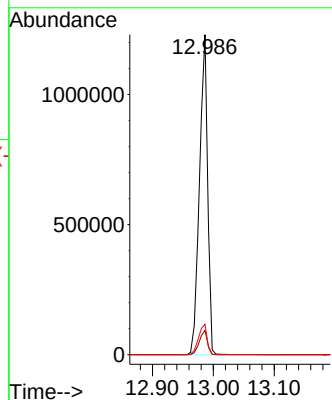
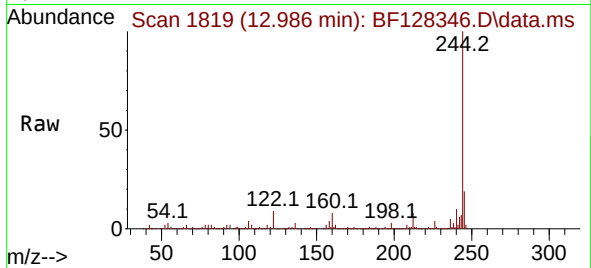




#79
 Terphenyl-d14
 Concen: 128.784 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128346.D
 Acq: 19 May 2022 19:56

Instrument :
 BNA_F
 ClientSampleId :
 RB-220513

Tgt Ion:244 Resp: 1148580
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.012 min
 Lab File: BF128346.D
 Acq: 19 May 2022 19:56

Tgt Ion:264 Resp: 192788
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 20.6 17.5 26.3

