

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
 Data File : BF126913.D
 Acq On : 16 Feb 2022 15:08
 Operator : CG\JU
 Sample : PB142428BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142428BL

Quant Time: Feb 16 17:06:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

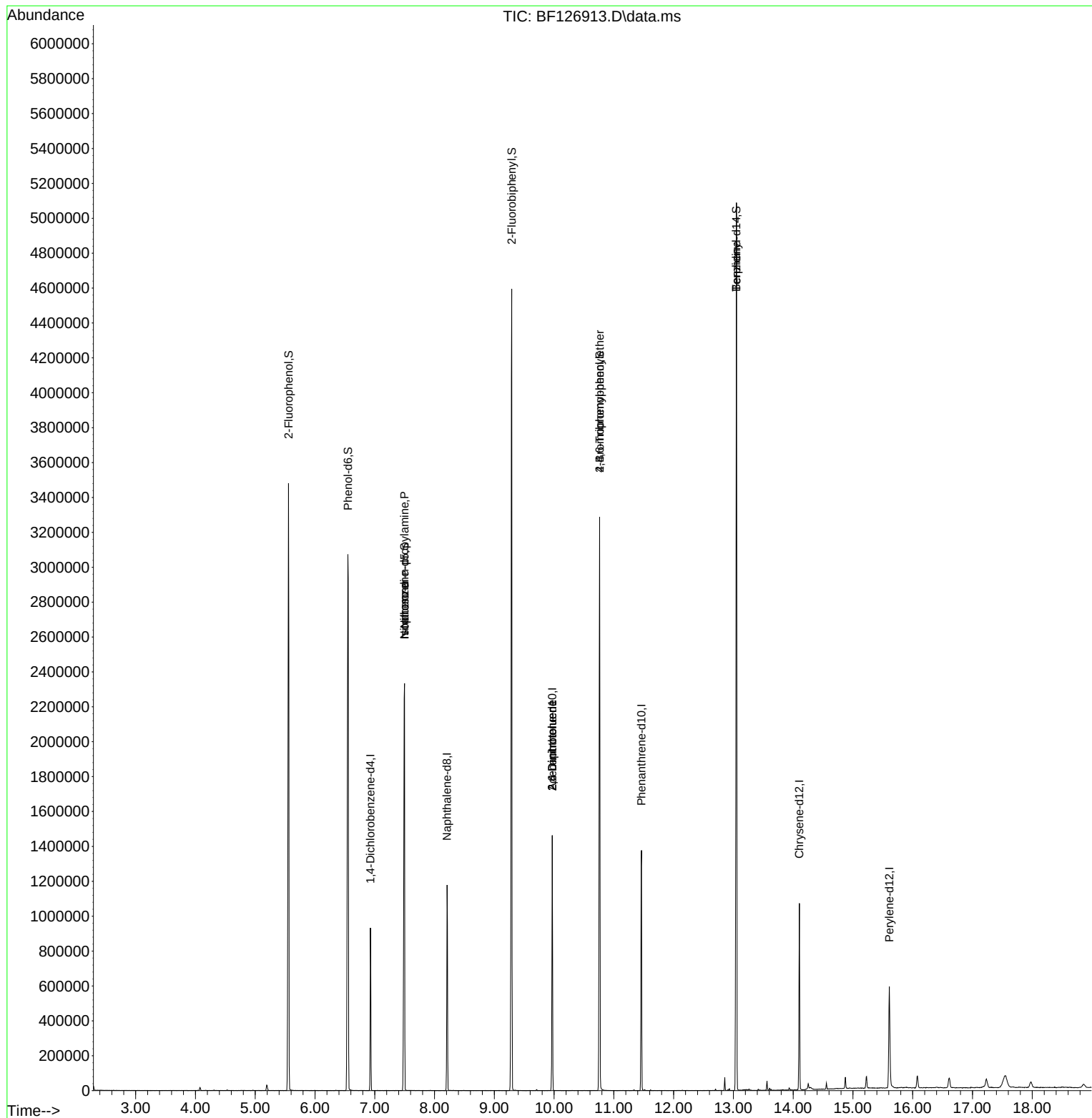
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	117536	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	495550	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	258382	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	477806	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	314785	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	226762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	954378	125.499	ng	0.01
7) Phenol-d6	6.551	99	1258850	122.678	ng	0.00
23) Nitrobenzene-d5	7.498	82	899941	81.971	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	371889	125.008	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1418661	80.829	ng	0.00
79) Terphenyl-d14	13.051	244	1722836	80.456	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.498	70	123020	18.605	ng	# 79
25) Isophorone	7.498	82	898135	49.438	ng	# 69
51) 2,6-Dinitrotoluene	9.969	165	33062	8.799	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	33062	6.508	ng	# 16
67) 4-Bromophenyl-phenylether	10.763	248	21711	4.067	ng	# 1
77) Benzidine	13.051	184	25096	2.934	ng	# 94

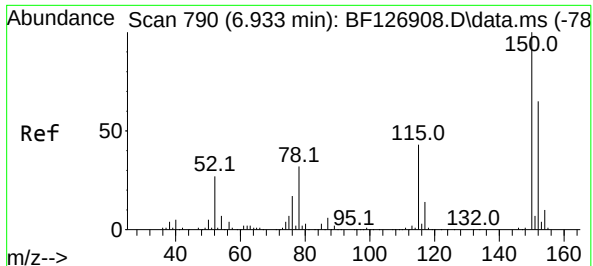
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
Data File : BF126913.D
Acq On : 16 Feb 2022 15:08
Operator : CG\JU
Sample : PB142428BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB142428BL

Quant Time: Feb 16 17:06:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:55:48 2022
Response via : Initial Calibration

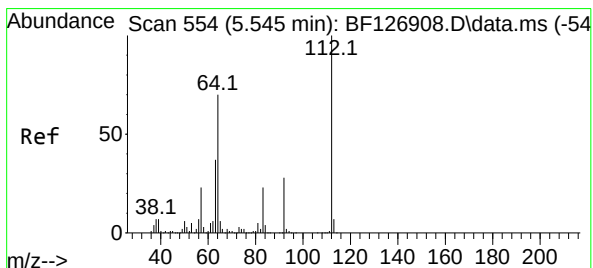
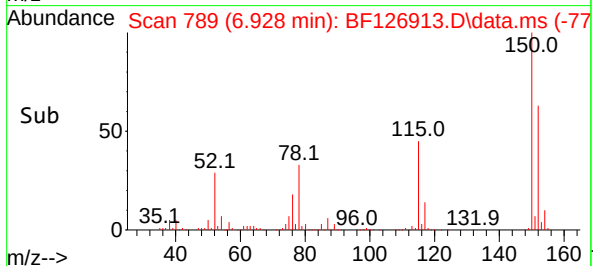
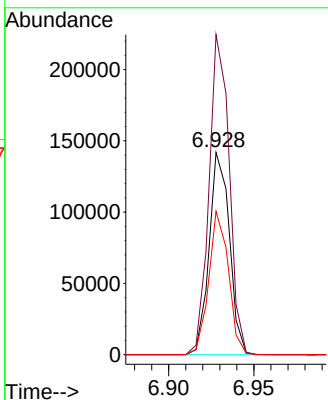
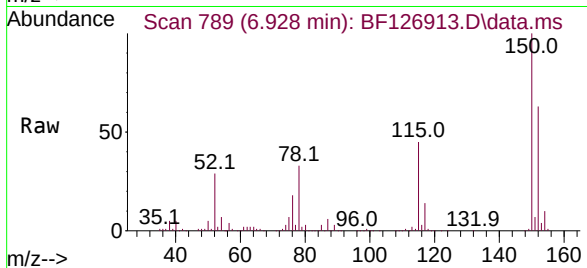




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 790
 Delta R.T. -0.005 min
 Lab File: BF126913.D
 Acq: 16 Feb 2022 15:08

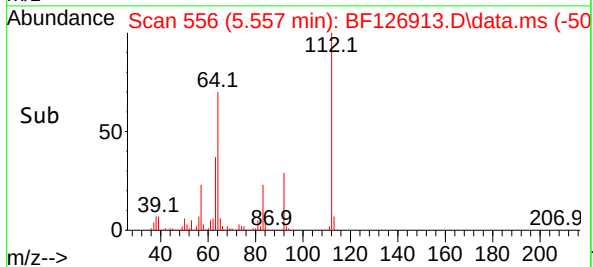
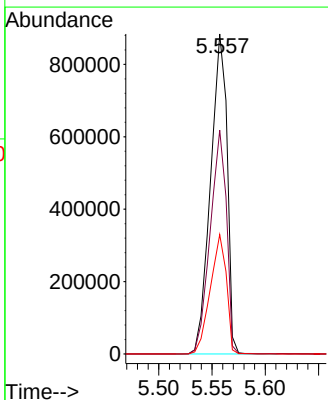
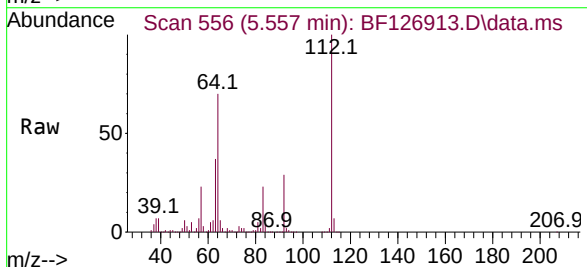
Instrument :
 BNA_F
 ClientSampleId :
 PB142428BL

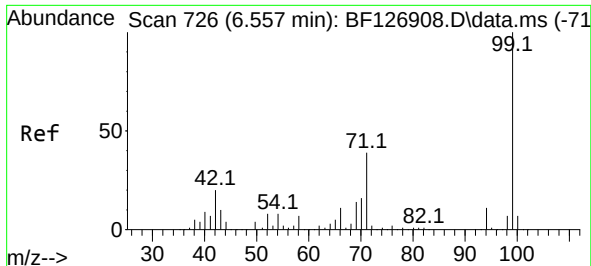
Tgt Ion:152 Resp: 117536
 Ion Ratio Lower Upper
 152 100
 150 158.2 128.1 192.1
 115 70.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 125.499 ng
 RT: 5.557 min Scan# 556
 Delta R.T. 0.012 min
 Lab File: BF126913.D
 Acq: 16 Feb 2022 15:08

Tgt Ion:112 Resp: 954378
 Ion Ratio Lower Upper
 112 100
 64 70.0 49.5 74.3
 63 37.3 23.9 35.9#

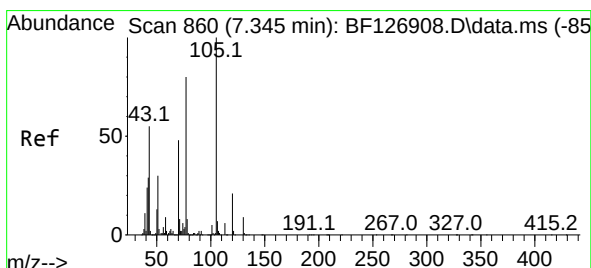
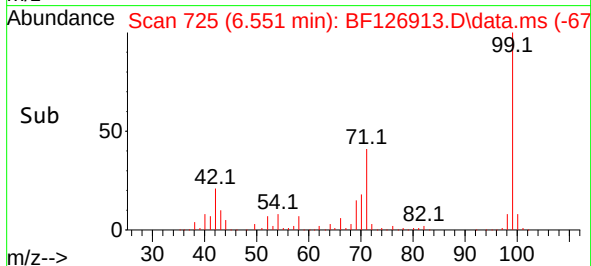
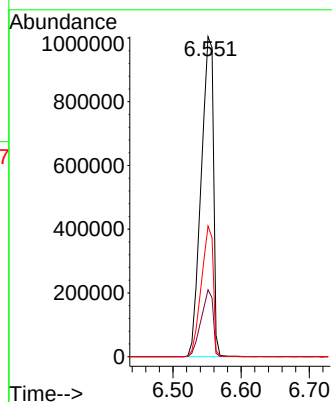
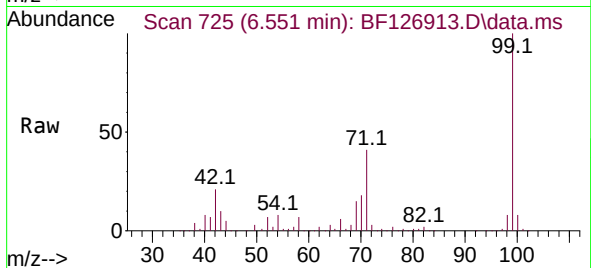




#7
Phenol-d6
Concen: 122.678 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126913.D
Acq: 16 Feb 2022 15:08

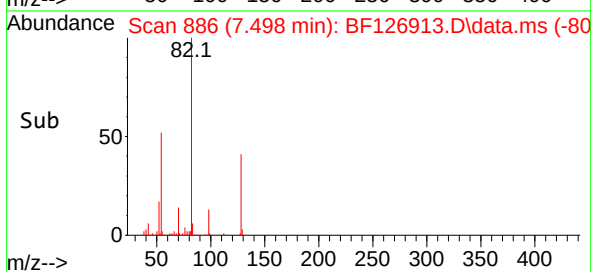
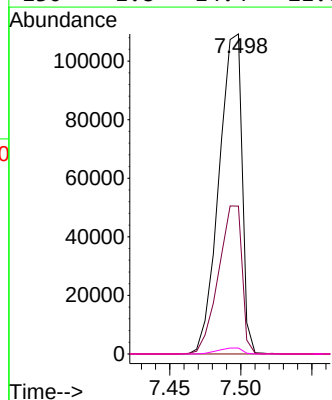
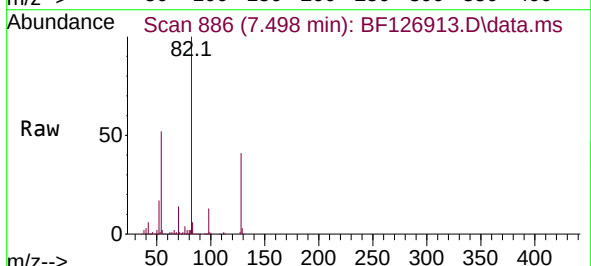
Instrument :
BNA_F
ClientSampleId :
PB142428BL

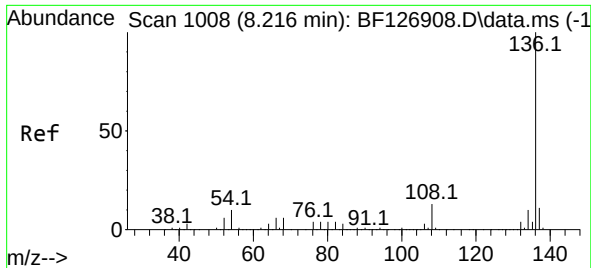
Tgt Ion: 99 Resp: 1258850
Ion Ratio Lower Upper
99 100
42 20.9 14.2 21.4
71 40.8 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.605 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.153 min
Lab File: BF126913.D
Acq: 16 Feb 2022 15:08

Tgt Ion: 70 Resp: 123020
Ion Ratio Lower Upper
70 100
42 46.2 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

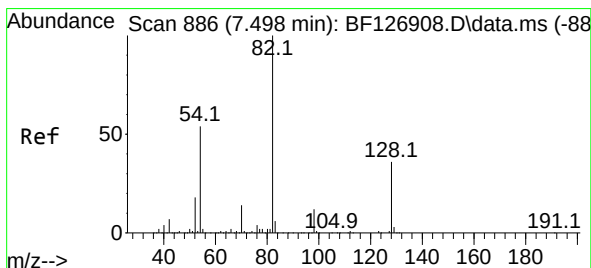
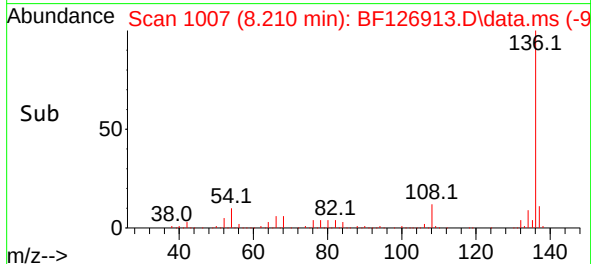
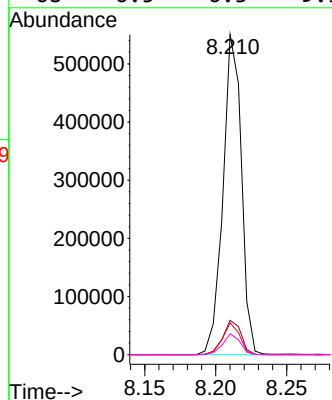
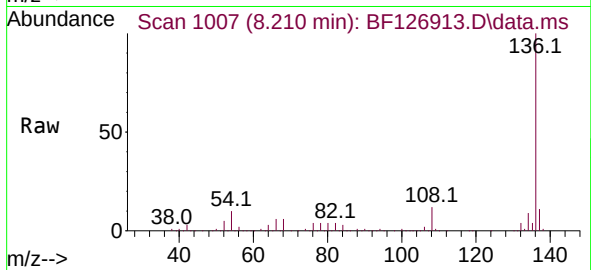




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126913.D
Acq: 16 Feb 2022 15:08

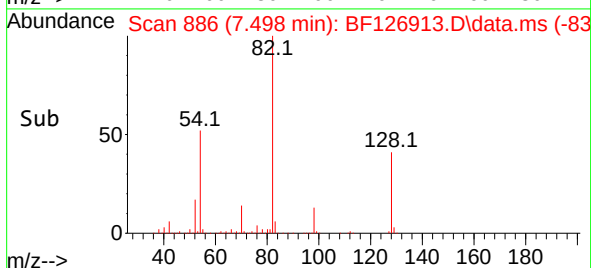
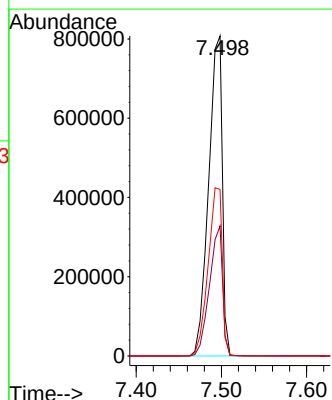
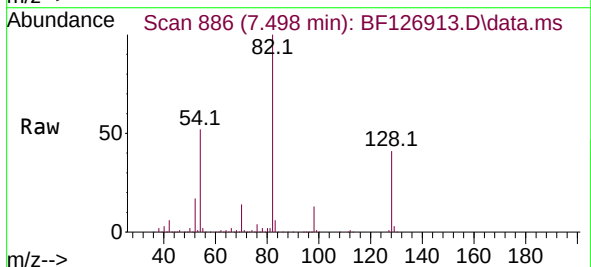
Instrument :
BNA_F
ClientSampleId :
PB142428BL

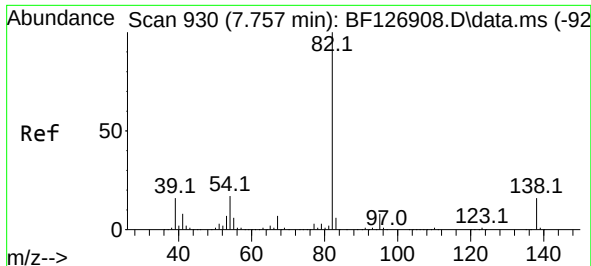
Tgt Ion:136 Resp: 495550
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.9 7.8 11.6
68 6.5 6.3 9.5



#23
Nitrobenzene-d5
Concen: 81.971 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF126913.D
Acq: 16 Feb 2022 15:08

Tgt Ion: 82 Resp: 899941
Ion Ratio Lower Upper
82 100
128 40.7 32.7 49.1
54 52.1 41.7 62.5

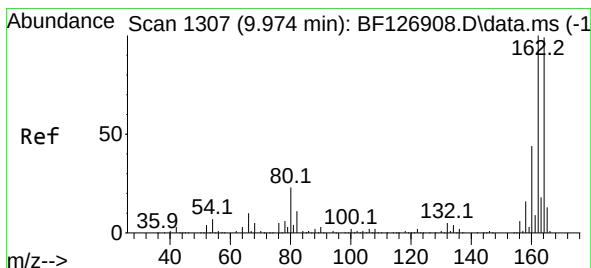
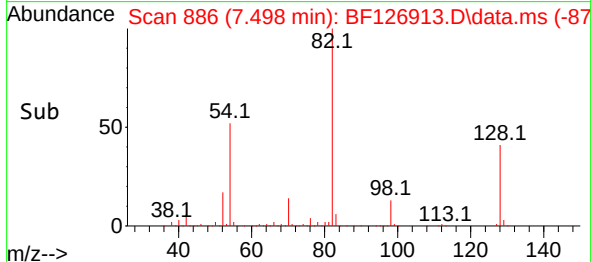
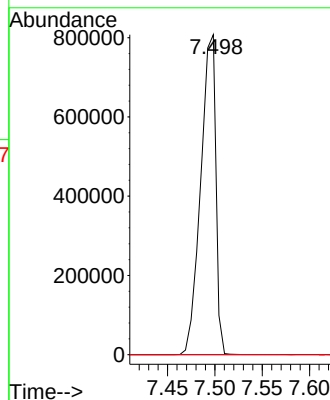
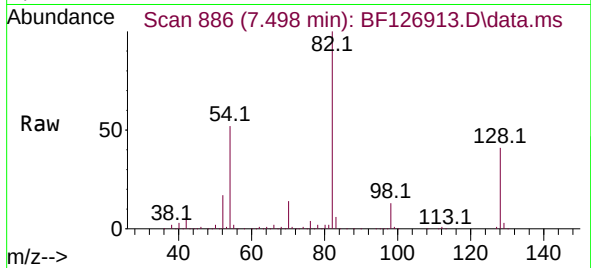




#25
Isophorone
Concen: 49.438 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126913.D
Acq: 16 Feb 2022 15:08

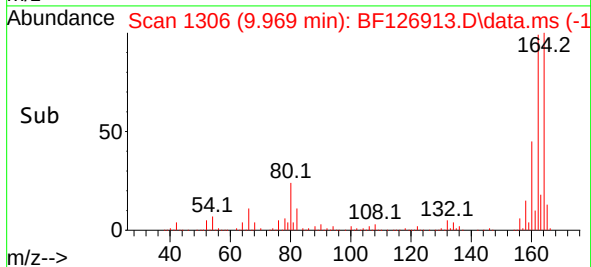
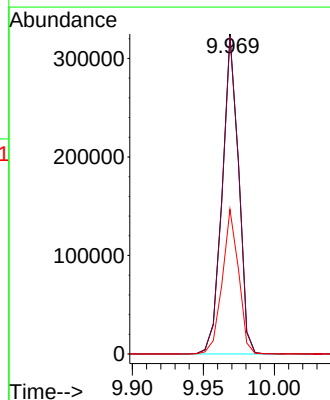
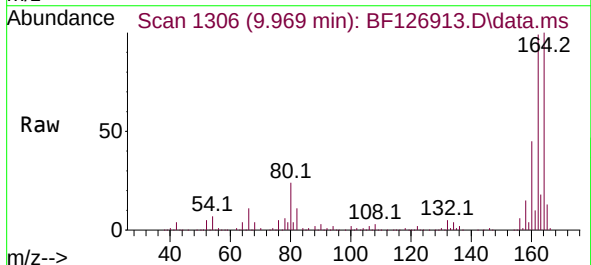
Instrument :
BNA_F
ClientSampleId :
PB142428BL

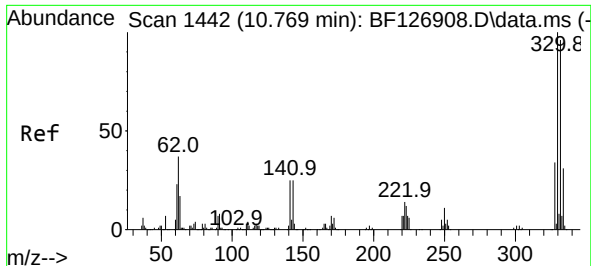
Tgt Ion: 82 Resp: 898135
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126913.D
Acq: 16 Feb 2022 15:08

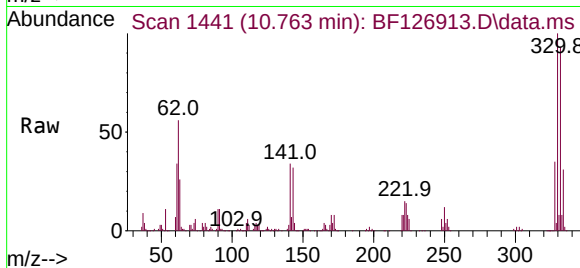
Tgt Ion: 164 Resp: 258382
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 45.2 36.6 54.8



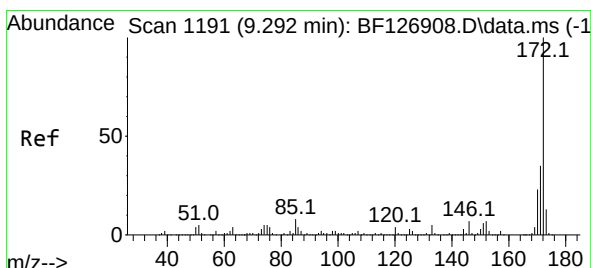
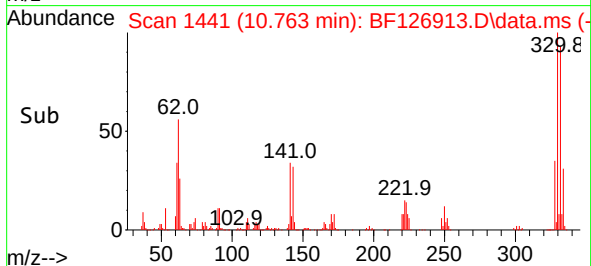
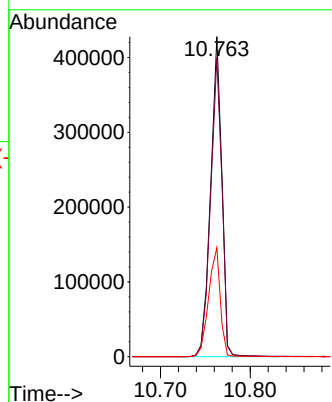


#42
2,4,6-Tribromophenol
Concen: 125.008 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF126913.D
Acq: 16 Feb 2022 15:08

Instrument :
BNA_F
ClientSampleId :
PB142428BL

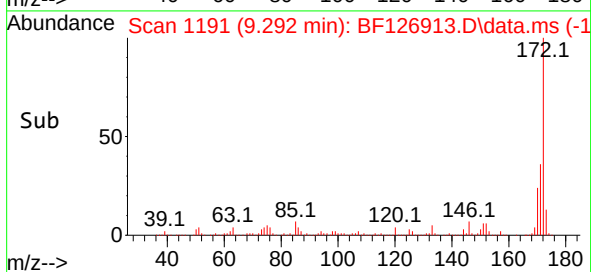
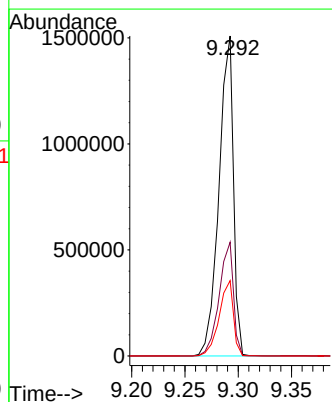
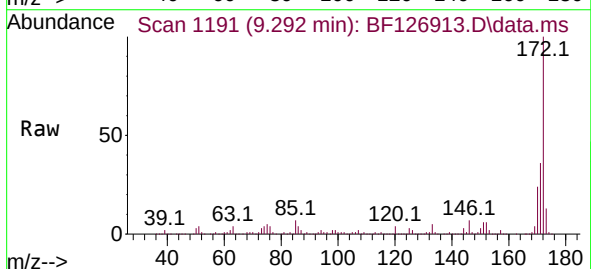


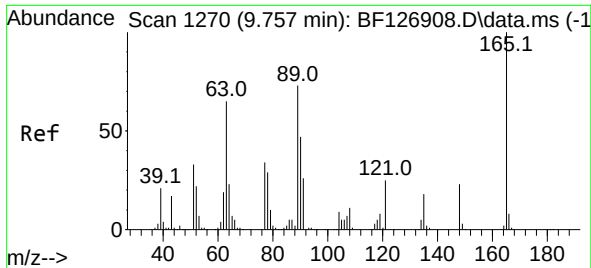
Tgt Ion:330 Resp: 371889
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 35.5 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 80.829 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF126913.D
Acq: 16 Feb 2022 15:08

Tgt Ion:172 Resp: 1418661
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.799 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126913.D

Acq: 16 Feb 2022 15:08

Instrument :

BNA_F

ClientSampleId :

PB142428BL

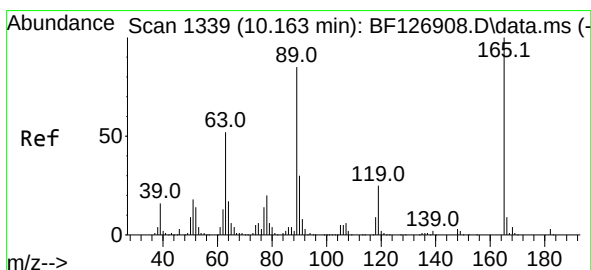
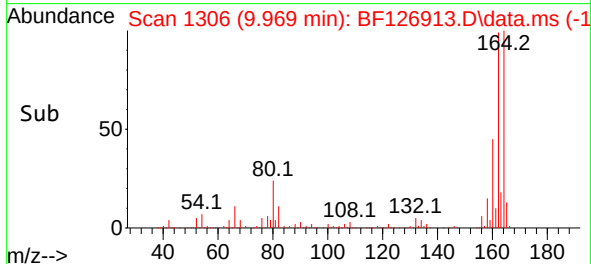
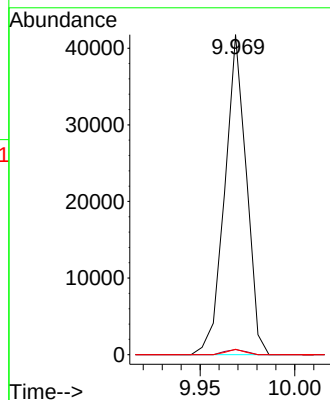
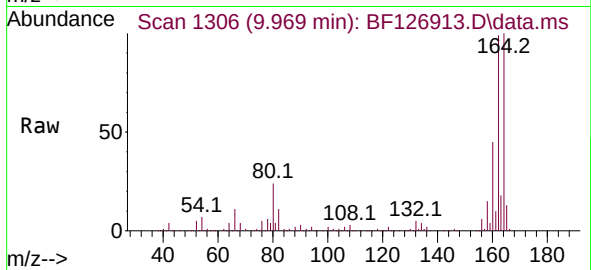
Tgt Ion:165 Resp: 33062

Ion Ratio Lower Upper

165 100

63 1.6 48.4 72.6#

89 1.7 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.508 ng

RT: 9.969 min Scan# 1306

Delta R.T. -0.194 min

Lab File: BF126913.D

Acq: 16 Feb 2022 15:08

Tgt Ion:165 Resp: 33062

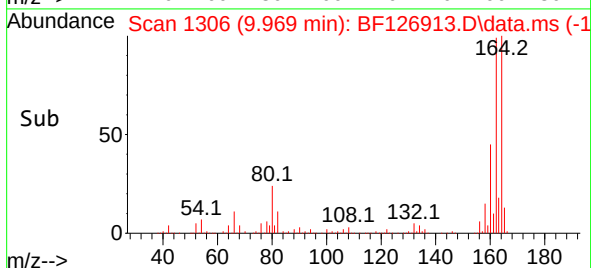
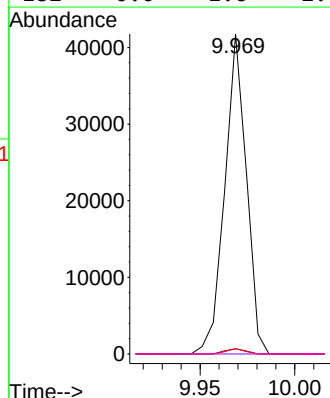
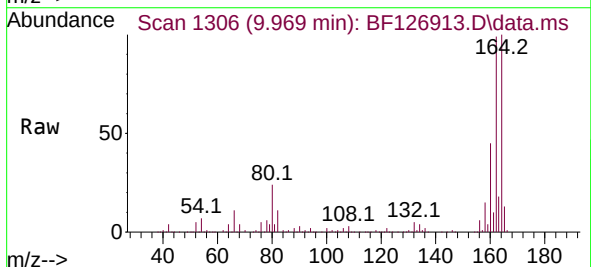
Ion Ratio Lower Upper

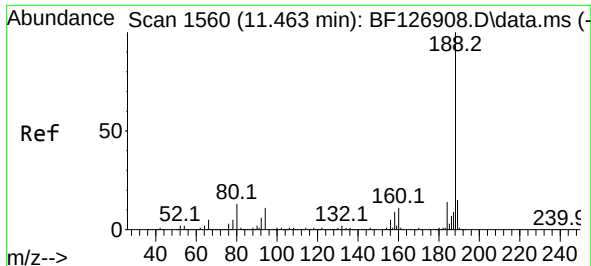
165 100

63 1.6 43.0 64.6#

89 1.7 71.0 106.4#

182 0.0 1.6 2.4#

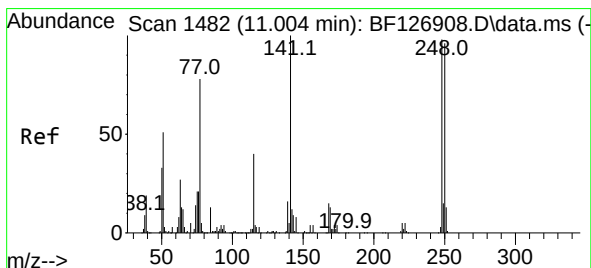
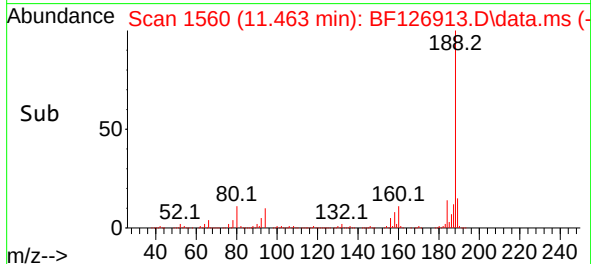
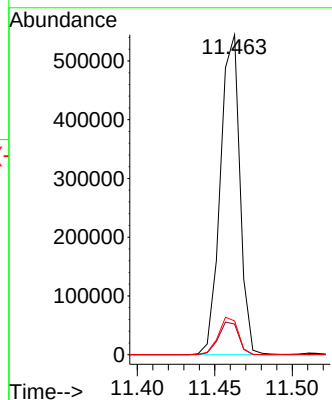
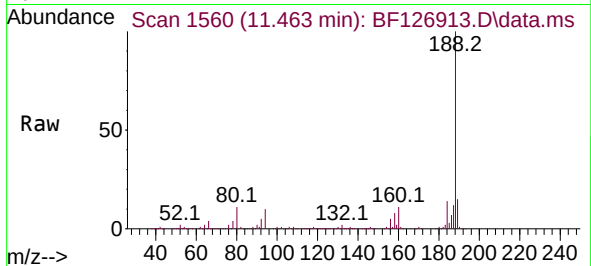




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11441
Delta R.T. 0.000 min
Lab File: BF126913.D
Acq: 16 Feb 2022 15:08

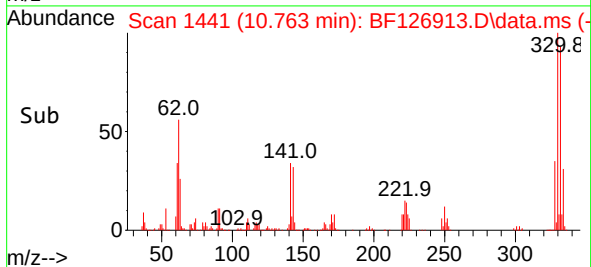
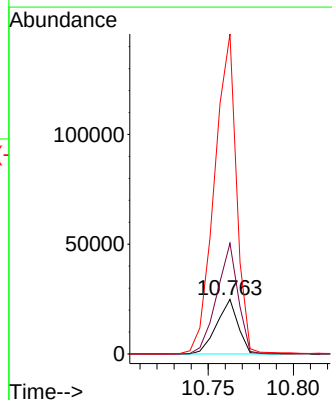
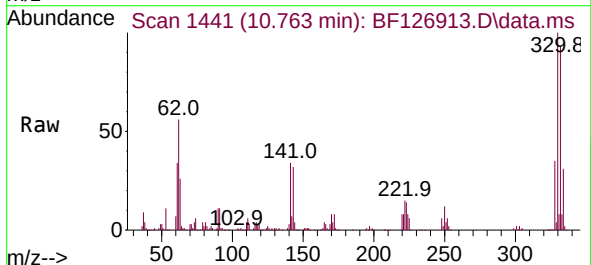
Instrument :
BNA_F
ClientSampleId :
PB142428BL

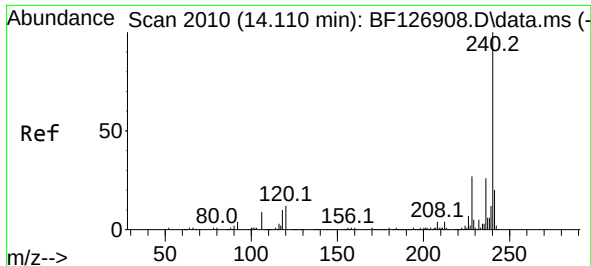
Tgt Ion:188 Resp: 477806
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 10.6 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.067 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.241 min
Lab File: BF126913.D
Acq: 16 Feb 2022 15:08

Tgt Ion:248 Resp: 21711
Ion Ratio Lower Upper
248 100
250 203.0 76.2 114.4#
141 586.7 66.2 99.4#

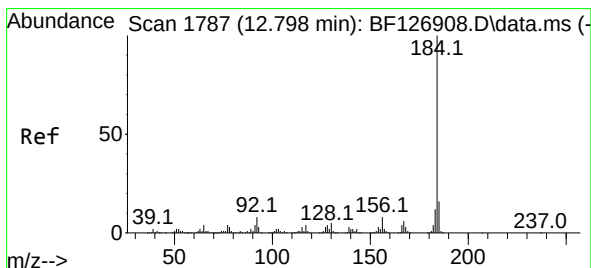
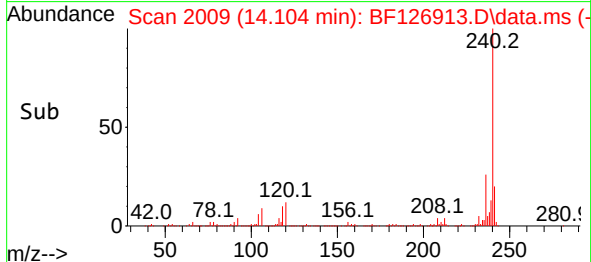
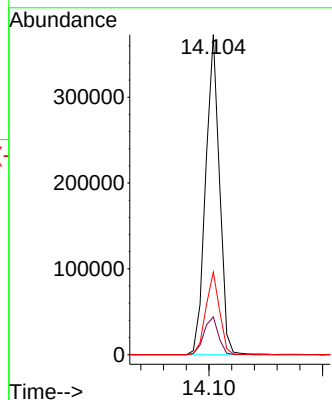
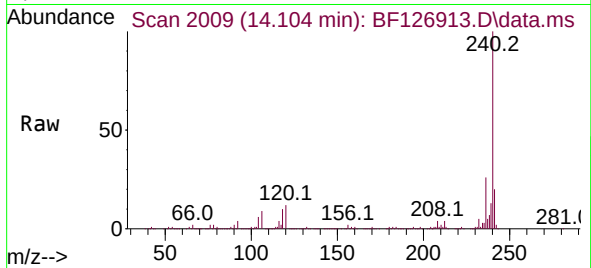




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF126913.D
Acq: 16 Feb 2022 15:08

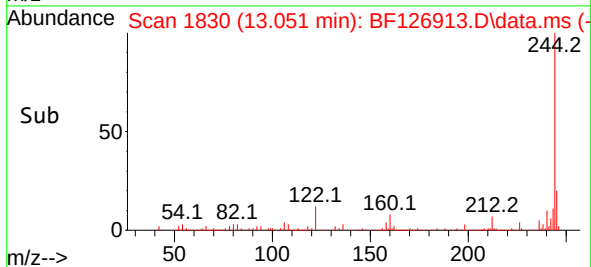
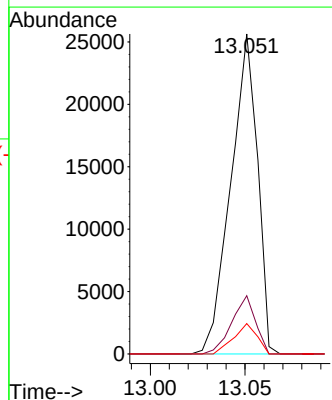
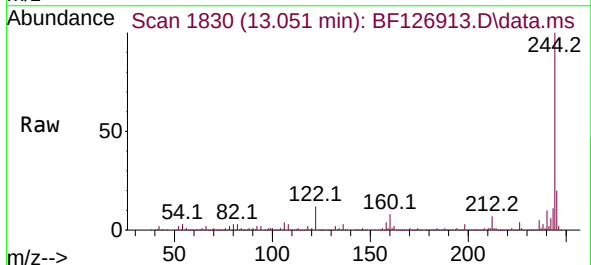
Instrument :
BNA_F
ClientSampleId :
PB142428BL

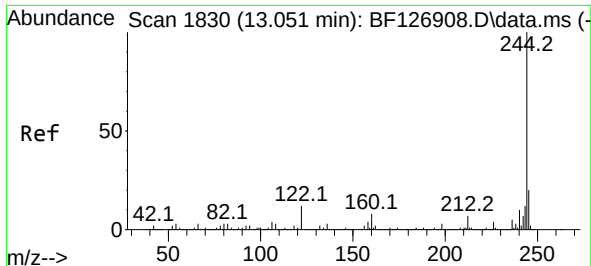
Tgt Ion:240 Resp: 314785
Ion Ratio Lower Upper
240 100
120 11.8 14.4 21.6#
236 25.8 20.5 30.7



#77
Benzidine
Concen: 2.934 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.253 min
Lab File: BF126913.D
Acq: 16 Feb 2022 15:08

Tgt Ion:184 Resp: 25096
Ion Ratio Lower Upper
184 100
185 18.2 11.8 17.8#
183 9.5 8.2 12.2

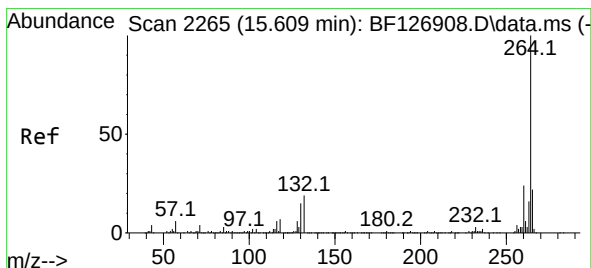
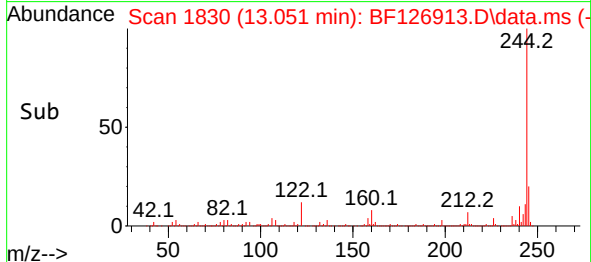
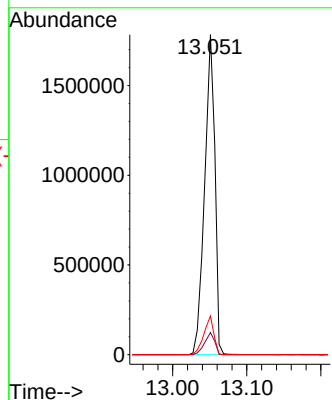
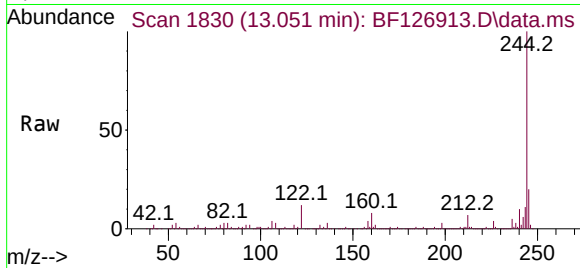




#79
 Terphenyl-d14
 Concen: 80.456 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: BF126913.D
 Acq: 16 Feb 2022 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB142428BL

Tgt Ion:244 Resp: 1722836
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 12.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.610 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126913.D
 Acq: 16 Feb 2022 15:08

Tgt Ion:264 Resp: 226762
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.6 17.4 26.2

