

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126951.D
 Acq On : 18 Feb 2022 14:19
 Operator : CG\JU
 Sample : N1582-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Feb 18 16:18:19 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)

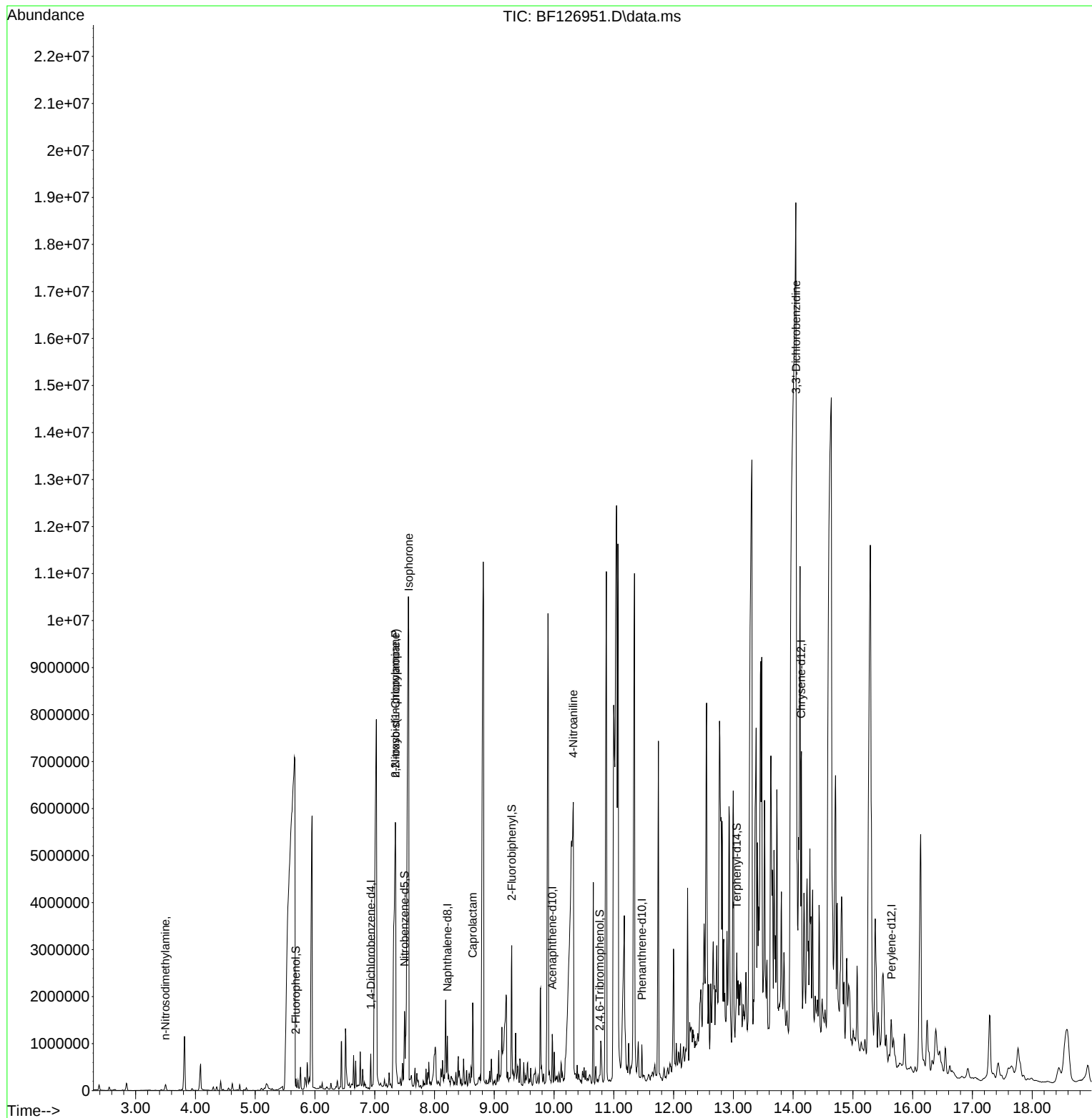
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	90201	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	350155	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	156916	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	228663	20.000	ng	# 0.00
76) Chrysene-d12	14.133	240	141044	20.000	ng	# 0.02
86) Perylene-d12	15.645	264	136219	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	22338	3.828	ng	0.14
7) Phenol-d6	6.563	99	6078	0.772	ng	0.00
23) Nitrobenzene-d5	7.498	82	568530	73.287	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	16768	9.281	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	747816	70.159	ng	0.00
79) Terphenyl-d14	13.057	244	505670	52.704	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.499	42	6958	2.028	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	7.345	45	65704	6.686	ng	65
19) n-Nitroso-di-n-propyla...	7.345	70	1032763	203.525	ng	# 75
25) Isophorone	7.569	82	36140	2.815	ng	# 72
35) Caprolactam	8.639	113	3581	2.128	ng	# 1
62) 4-Nitroaniline	10.322	138	81302	29.516	ng	# 27
82) 3,3'-Dichlorobenzidine	14.051	252	281677	93.997	ng	# 1

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

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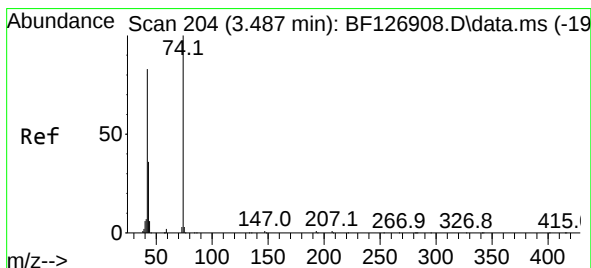
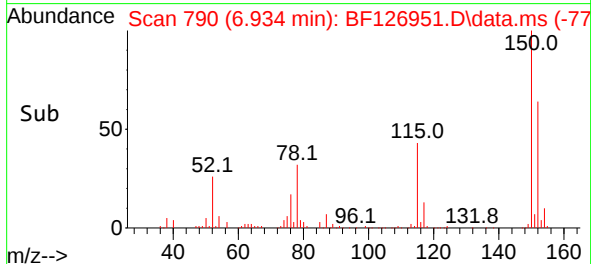
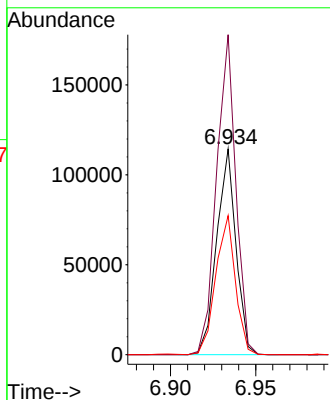
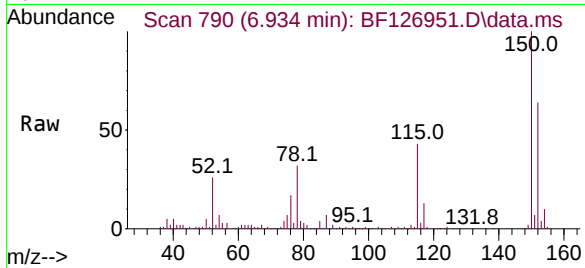




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 790
Delta R.T. 0.001 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

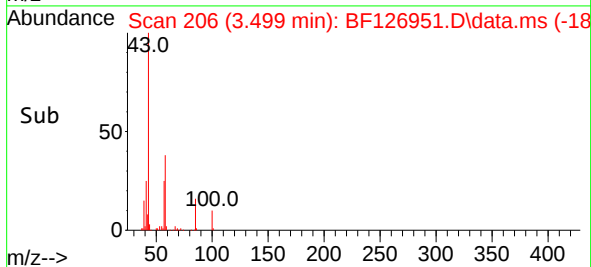
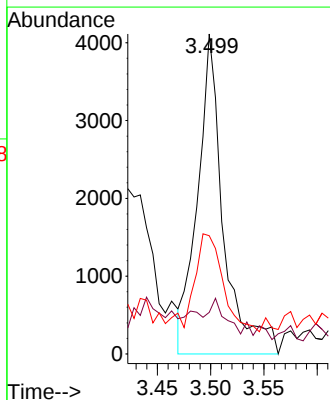
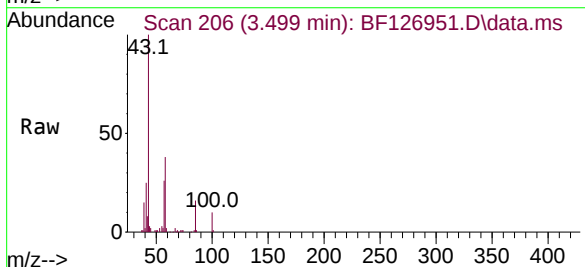
Instrument :
BNA_F
ClientSampleId :
EFF-WW

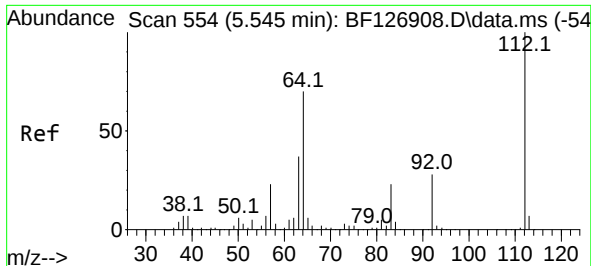
Tgt Ion:152 Resp: 90201
Ion Ratio Lower Upper
152 100
150 155.5 128.1 192.1
115 67.6 56.7 85.1



#4
n-Nitrosodimethylamine
Concen: 2.028 ng
RT: 3.499 min Scan# 206
Delta R.T. 0.012 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

Tgt Ion: 42 Resp: 6958
Ion Ratio Lower Upper
42 100
74 13.0 125.6 188.4#
44 37.0 5.7 8.5#

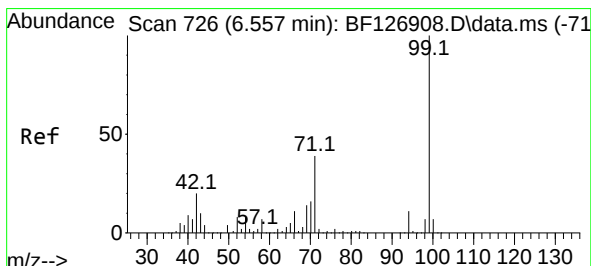
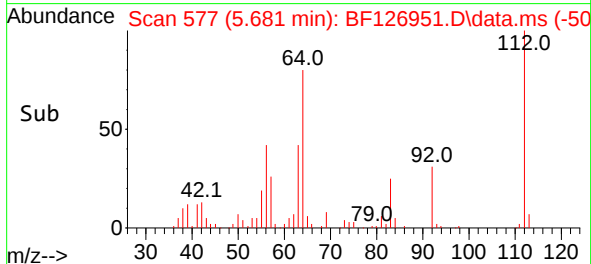
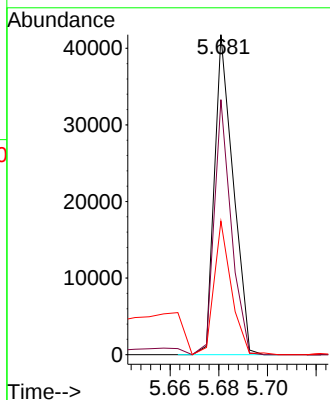
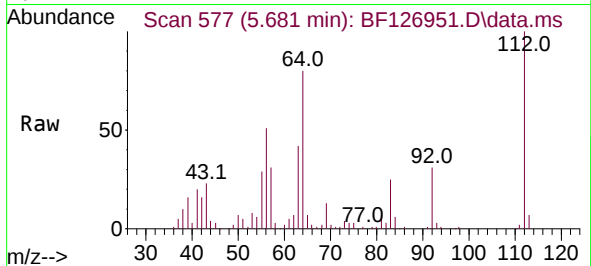




#5
2-Fluorophenol
Concen: 3.828 ng
RT: 5.681 min Scan# 51
Delta R.T. 0.136 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

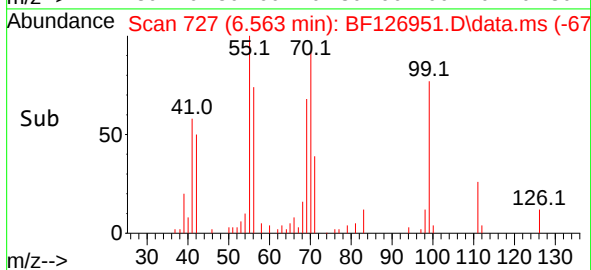
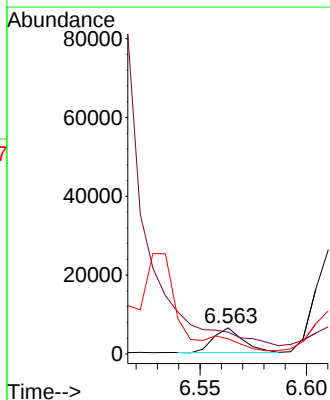
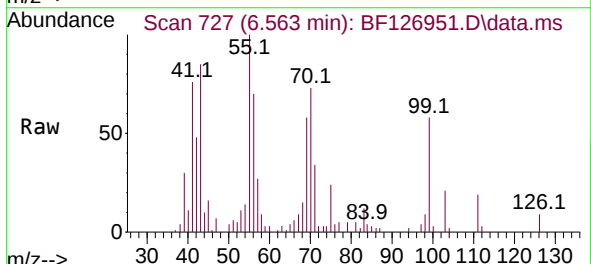
Instrument :
BNA_F
ClientSampleId :
EFF-WW

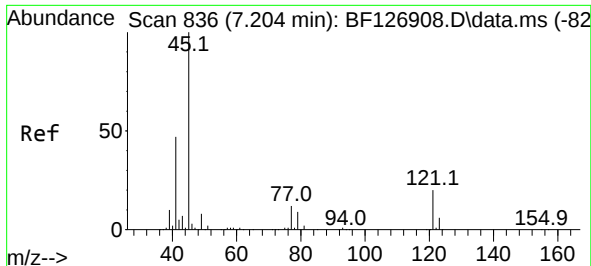
Tgt Ion:112 Resp: 22338
Ion Ratio Lower Upper
112 100
64 79.7 49.5 74.3#
63 41.7 23.9 35.9#



#7
Phenol-d6
Concen: 0.772 ng
RT: 6.563 min Scan# 727
Delta R.T. 0.006 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

Tgt Ion: 99 Resp: 6078
Ion Ratio Lower Upper
99 100
42 83.3 14.2 21.4#
71 58.2 24.3 36.5#

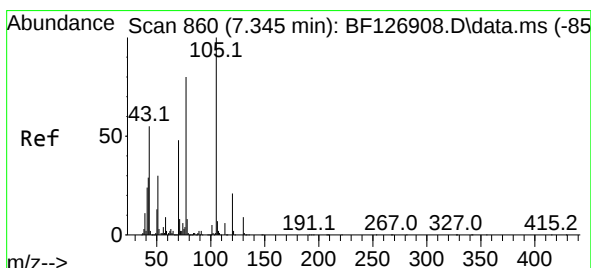
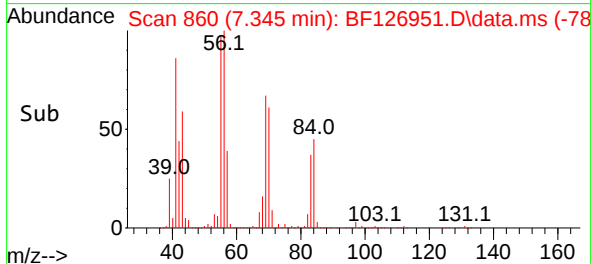
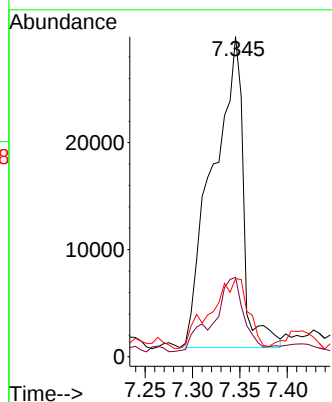
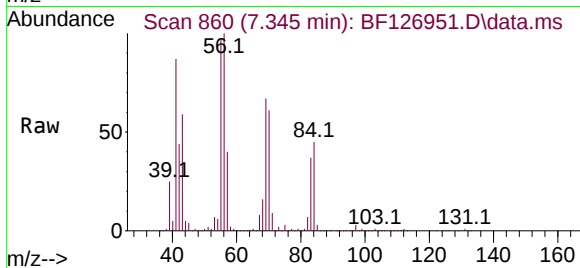




#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.686 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.141 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

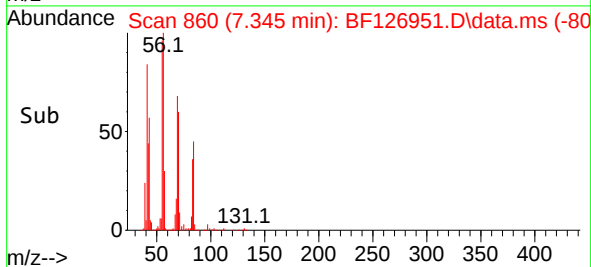
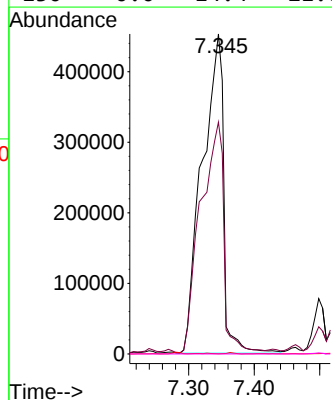
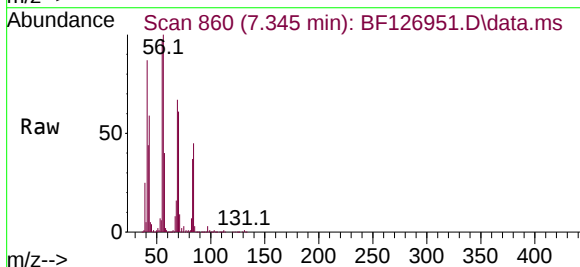
Instrument :
BNA_F
ClientSampleId :
EFF-WW

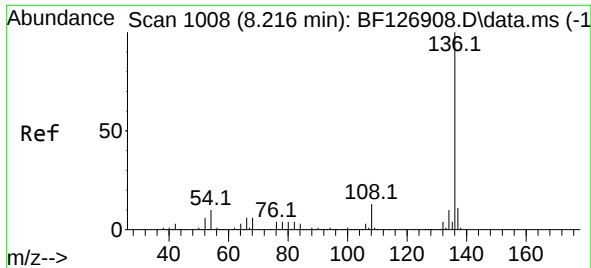
Tgt Ion: 45 Resp: 65704
Ion Ratio Lower Upper
45 100
77 24.8 0.0 32.4
79 24.4 0.0 29.8



#19
n-Nitroso-di-n-propylamine
Concen: 203.525 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

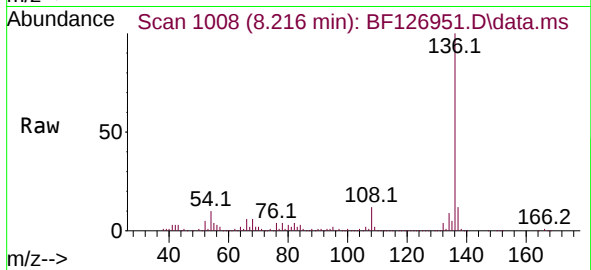
Tgt Ion: 70 Resp: 1032763
Ion Ratio Lower Upper
70 100
42 72.4 45.8 68.8#
101 0.1 6.9 10.3#
130 0.0 14.4 21.6#



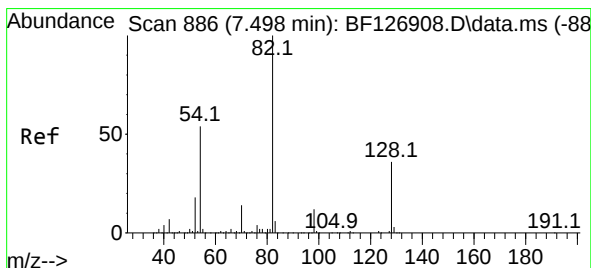
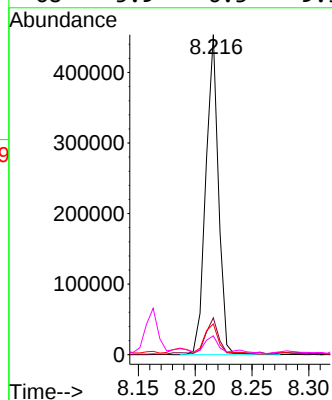
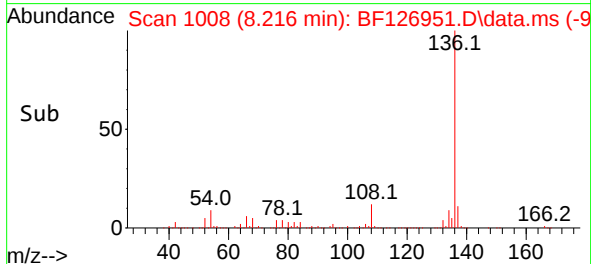


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

Instrument :
BNA_F
ClientSampleId :
EFF-WW

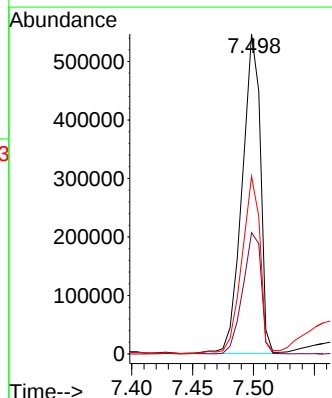
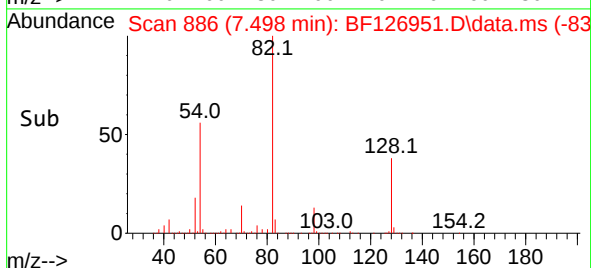
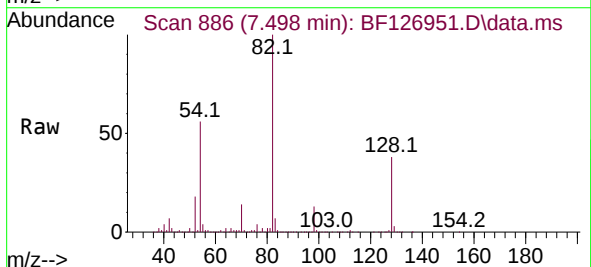


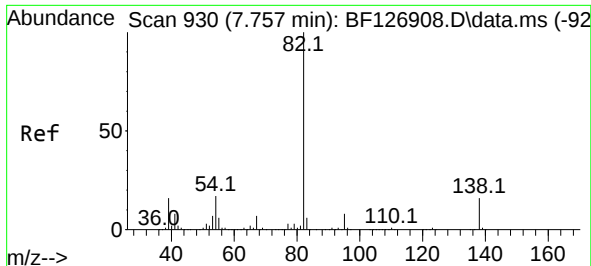
Tgt Ion:136 Resp: 350155
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.6 7.8 11.6
68 5.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 73.287 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

Tgt Ion: 82 Resp: 568530
Ion Ratio Lower Upper
82 100
128 37.9 32.7 49.1
54 55.6 41.7 62.5

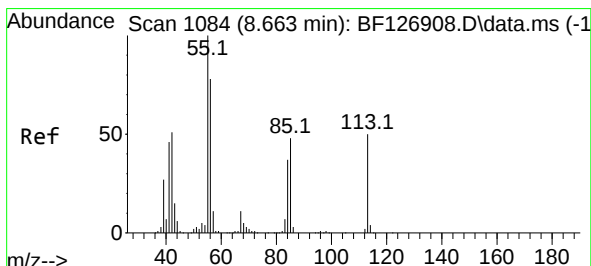
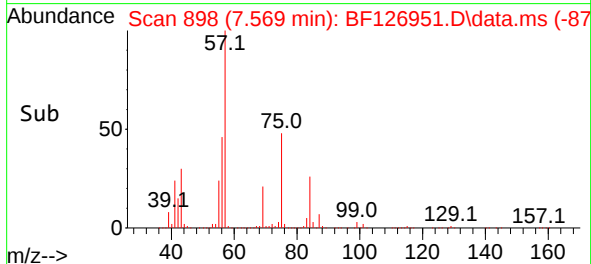
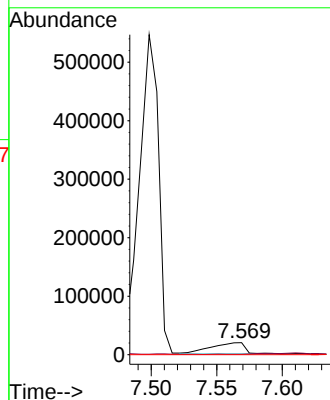
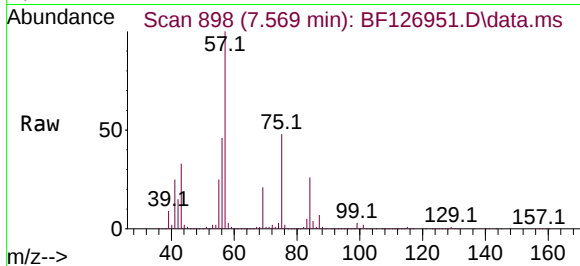




#25
Isophorone
Concen: 2.815 ng
RT: 7.569 min Scan# 89
Delta R.T. -0.188 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

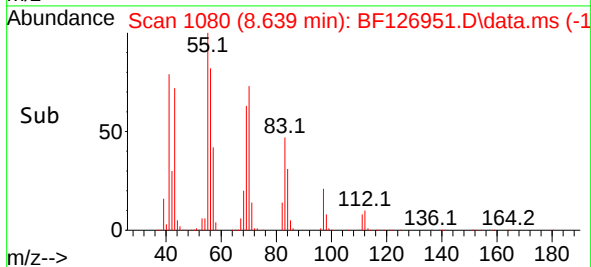
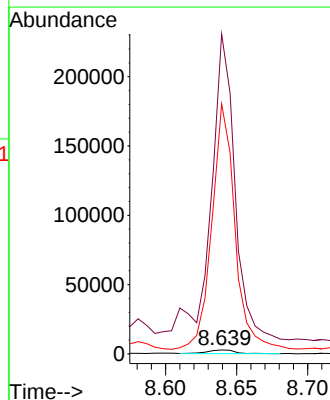
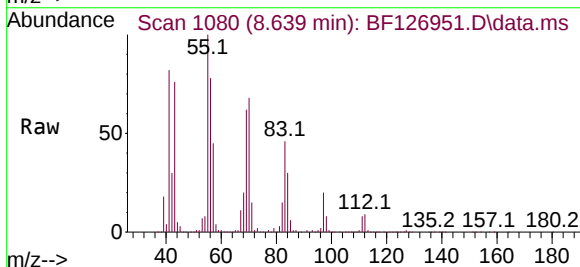
Instrument :
BNA_F
ClientSampleId :
EFF-WW

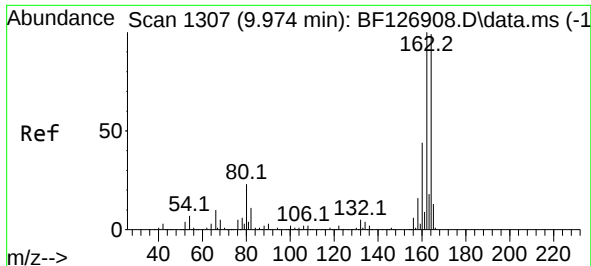
Tgt Ion: 82 Resp: 36140
Ion Ratio Lower Upper
82 100
95 4.4 5.0 7.4#
138 0.0 12.3 18.5#



#35
Caprolactam
Concen: 2.128 ng
RT: 8.639 min Scan# 1080
Delta R.T. -0.023 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

Tgt Ion: 113 Resp: 3581
Ion Ratio Lower Upper
113 100
55 7911.2 183.9 223.9#
56 6182.9 129.9 169.9#

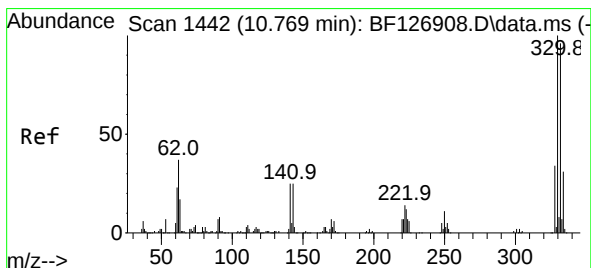
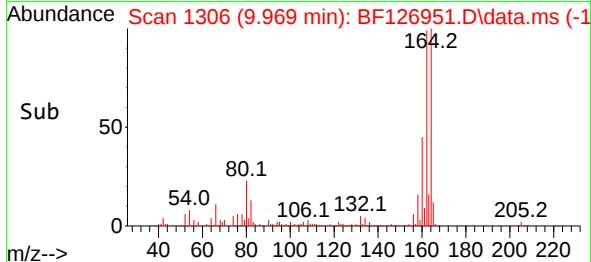
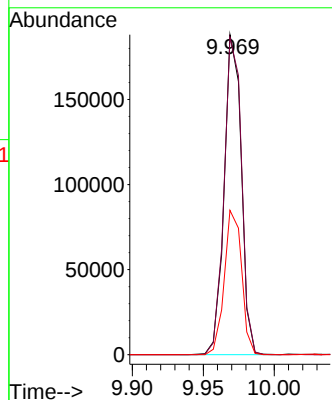
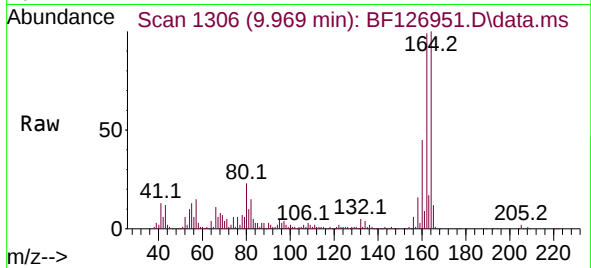




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

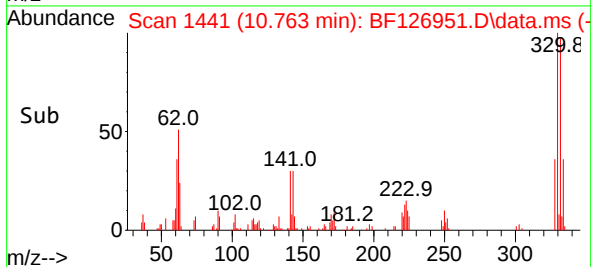
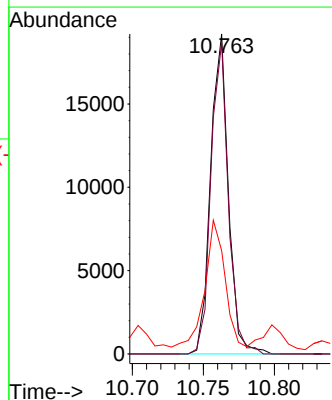
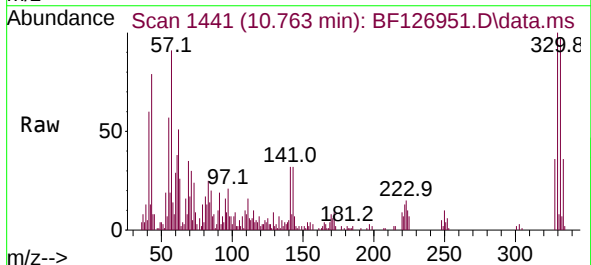
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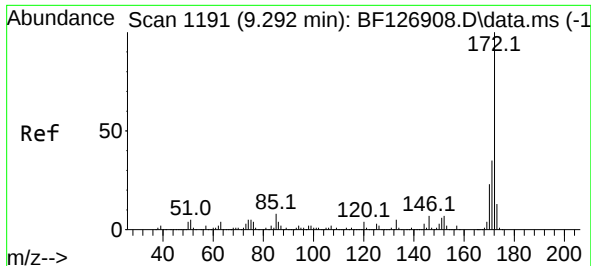
Tgt Ion:164 Resp: 156916
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 45.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 9.281 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

Tgt Ion:330 Resp: 16768
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 43.9 30.1 45.1

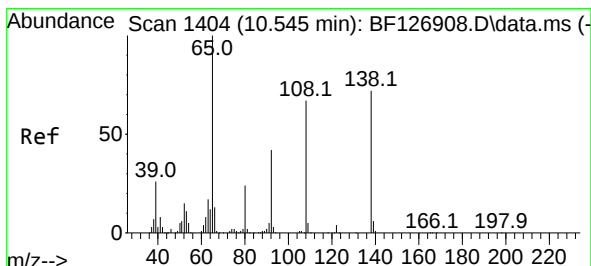
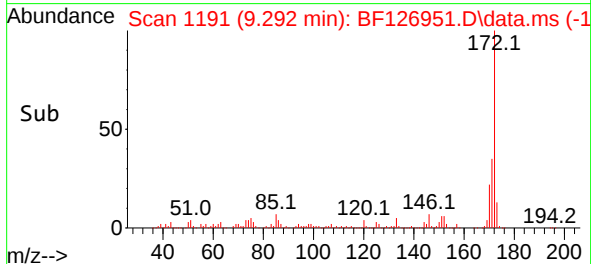
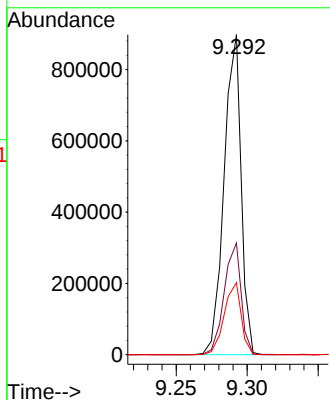
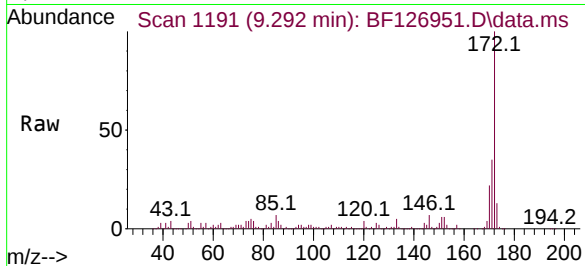




#45
2-Fluorobiphenyl
Concen: 70.159 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

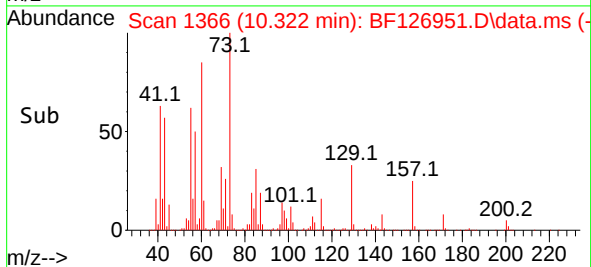
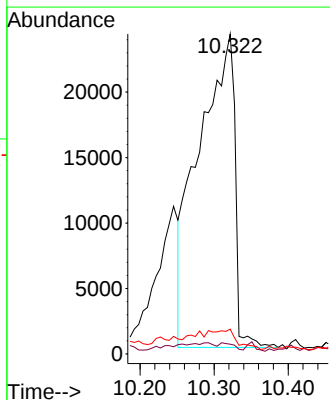
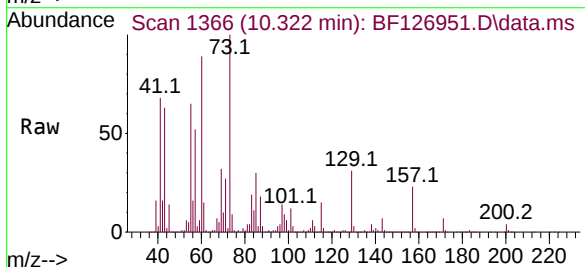
Instrument :
BNA_F
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EFF-WW

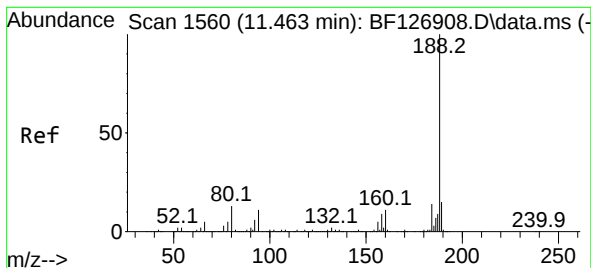
Tgt Ion:172 Resp: 747816
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.5 19.0 28.6



#62
4-Nitroaniline
Concen: 29.516 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.223 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

Tgt Ion:138 Resp: 81302
Ion Ratio Lower Upper
138 100
92 3.1 36.2 76.2#
108 7.8 46.7 86.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126951.D

Acq: 18 Feb 2022 14:19

Instrument :

BNA_F

ClientSampleId :

EFF-WW

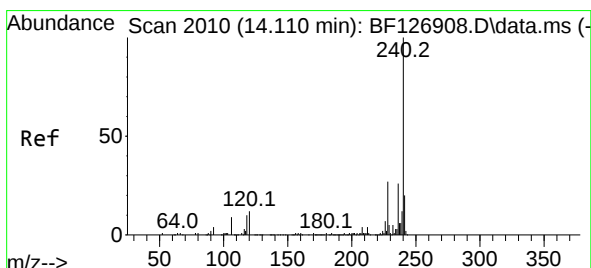
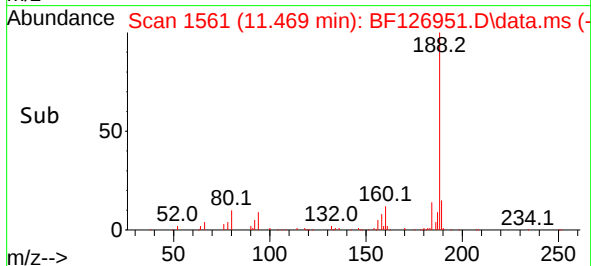
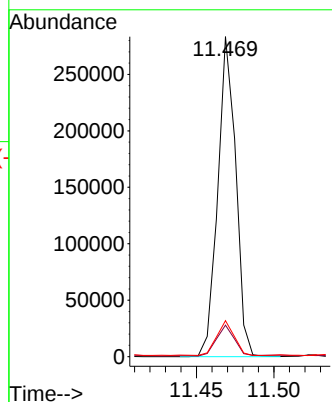
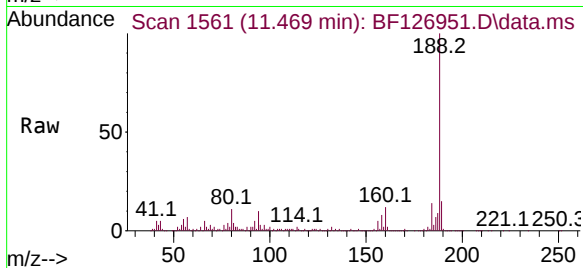
Tgt Ion:188 Resp: 228663

Ion Ratio Lower Upper

188 100

94 9.9 10.1 15.1#

80 11.3 11.8 17.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2014

Delta R.T. 0.024 min

Lab File: BF126951.D

Acq: 18 Feb 2022 14:19

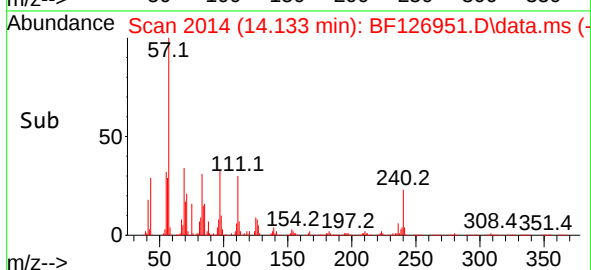
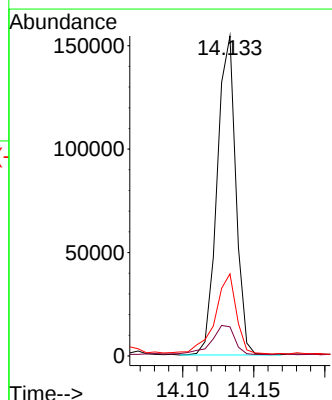
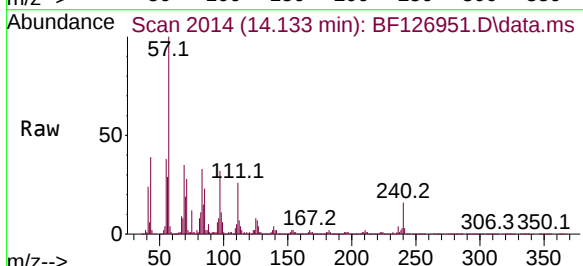
Tgt Ion:240 Resp: 141044

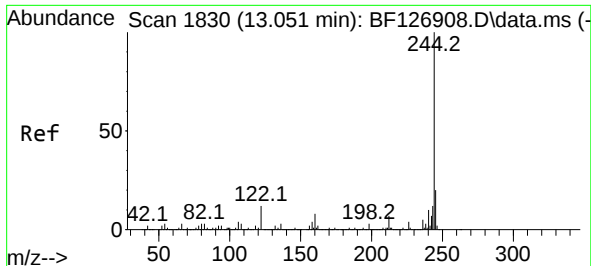
Ion Ratio Lower Upper

240 100

120 9.1 14.4 21.6#

236 25.6 20.5 30.7

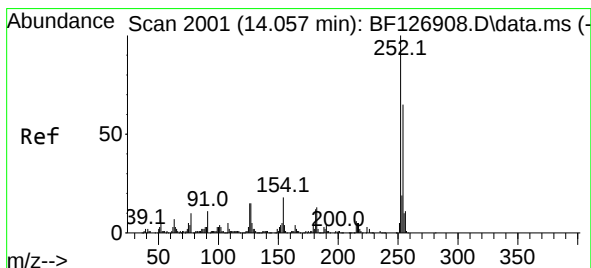
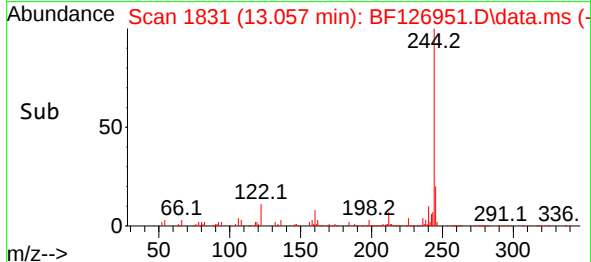
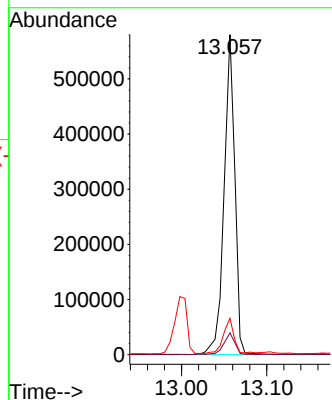
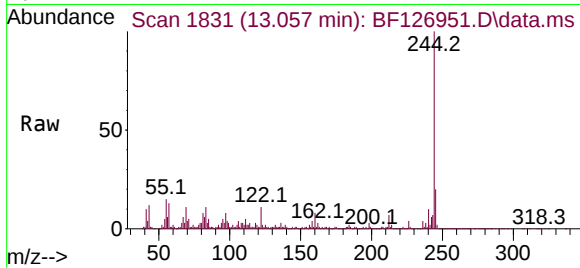




#79
 Terphenyl-d14
 Concen: 52.704 ng
 RT: 13.057 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126951.D
 Acq: 18 Feb 2022 14:19

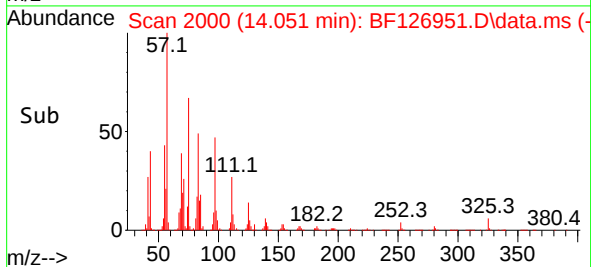
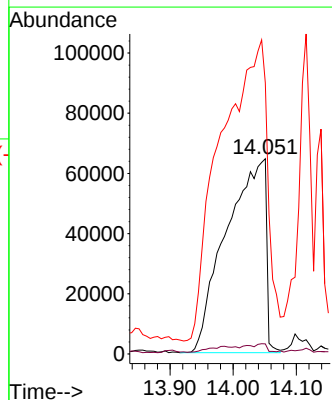
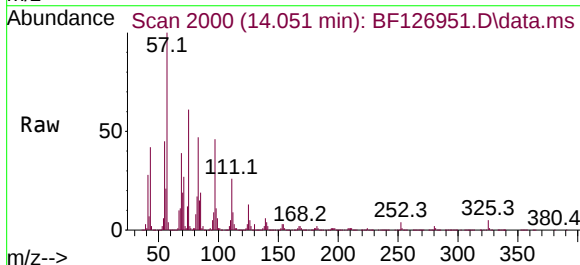
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

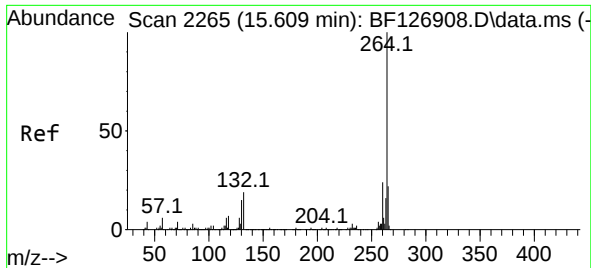
Tgt Ion:244 Resp: 505670
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 11.3 13.3 19.9#



#82
 3,3'-Dichlorobenzidine
 Concen: 93.997 ng
 RT: 14.051 min Scan# 2000
 Delta R.T. -0.006 min
 Lab File: BF126951.D
 Acq: 18 Feb 2022 14:19

Tgt Ion:252 Resp: 281677
 Ion Ratio Lower Upper
 252 100
 254 5.2 51.0 76.4#
 126 138.8 13.4 20.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF126951.D
Acq: 18 Feb 2022 14:19

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:264 Resp: 136219

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.4	26.2

