

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127912.D
 Acq On : 26 Apr 2022 14:20
 Operator : CG\JU
 Sample : N2433-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

Quant Time: Apr 27 01:47:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

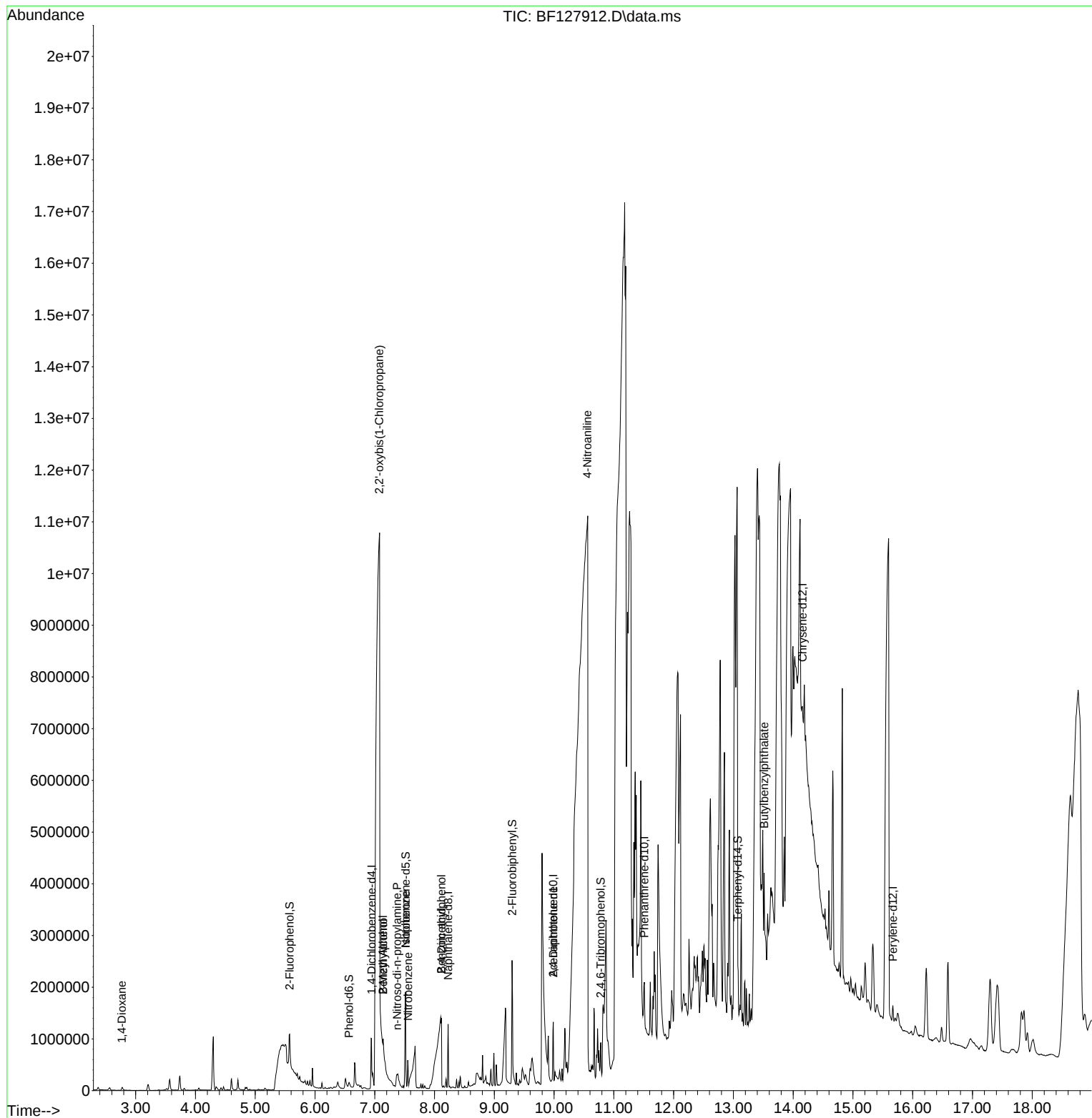
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	132834	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	477097	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	224085	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	330056	20.000	ng	0.04
76) Chrysene-d12	14.157	240	178339	20.000	ng	0.03
86) Perylene-d12	15.668	264	176988	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	215462	25.836	ng	0.01
7) Phenol-d6	6.569	99	56817	5.250	ng	0.00
23) Nitrobenzene-d5	7.516	82	599107	59.050	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	84843	37.611	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	613082	46.285	ng	0.00
79) Terphenyl-d14	13.074	244	157355	16.134	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	8242	2.071	ng	# 1
15) Benzyl Alcohol	7.139	79	123569	16.792	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	205939	14.883	ng	89
17) 2-Methylphenol	7.139	107	61408	8.222	ng	# 1
19) n-Nitroso-di-n-propyla...	7.375	70	65222	9.846	ng	# 66
24) Nitrobenzene	7.557	77	78590	8.039	ng	# 44
25) Isophorone	7.516	82	598819	35.068	ng	# 68
27) 2,4-Dimethylphenol	8.116	122	1263077	182.532	ng	# 2
32) Benzoic acid	8.116	122	1271849	256.430	ng	97
57) 2,4-Dinitrotoluene	9.986	165	29507	6.846	ng	# 27
62) 4-Nitroaniline	10.557	138	476584	134.916	ng	# 16
80) Butylbenzylphthalate	13.515	149	17730	3.142	ng	# 59

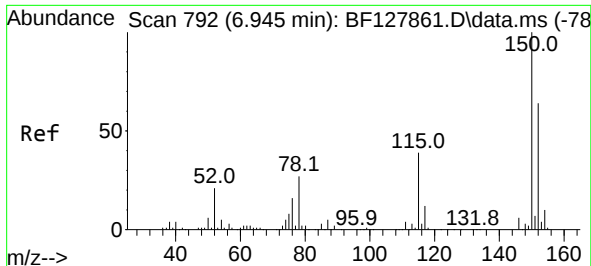
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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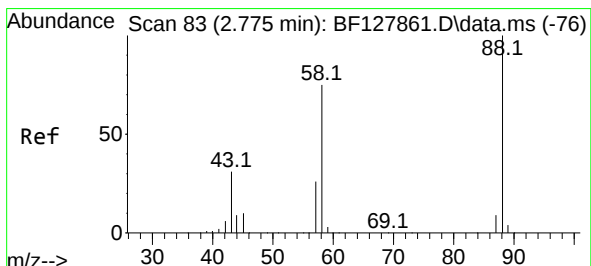
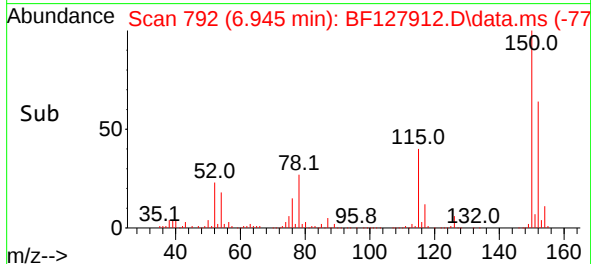
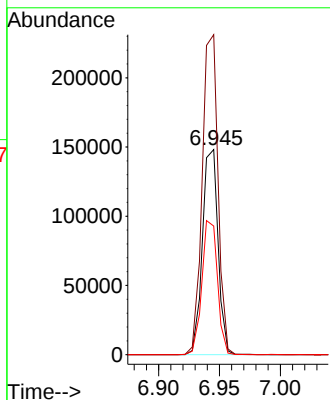
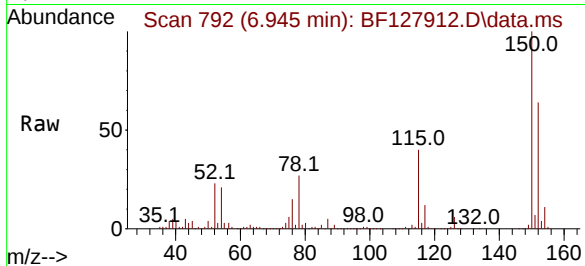




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: BF127912.D
 Acq: 26 Apr 2022 14:20

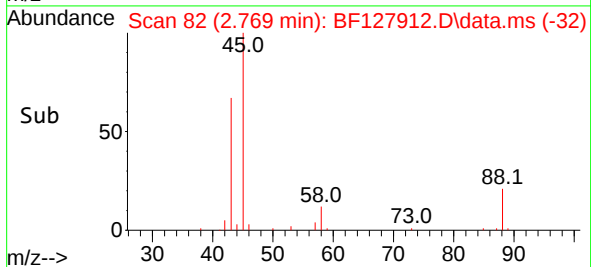
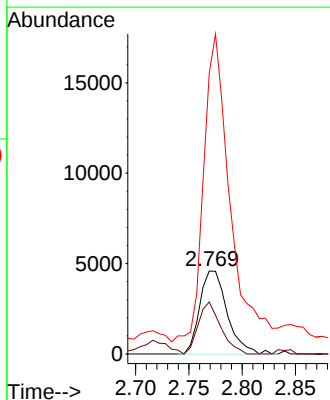
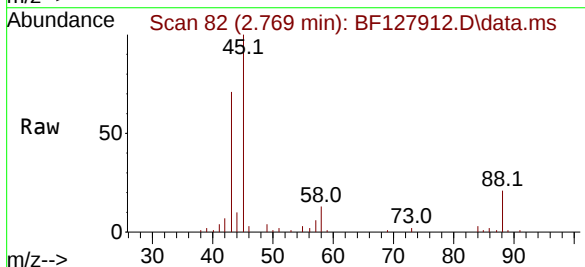
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

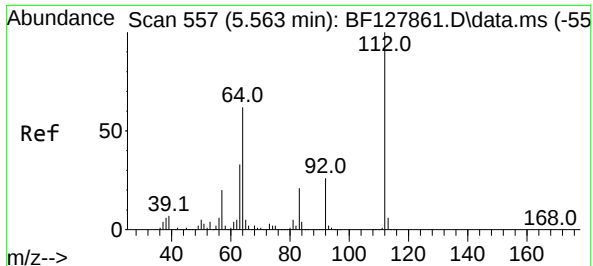
Tgt Ion:152 Resp: 132834
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.3 187.9
 115 62.7 48.8 73.2



#2
 1,4-Dioxane
 Concen: 2.071 ng
 RT: 2.769 min Scan# 82
 Delta R.T. -0.006 min
 Lab File: BF127912.D
 Acq: 26 Apr 2022 14:20

Tgt Ion: 88 Resp: 8242
 Ion Ratio Lower Upper
 88 100
 58 51.3 61.0 91.4#
 43 354.7 24.9 37.3#

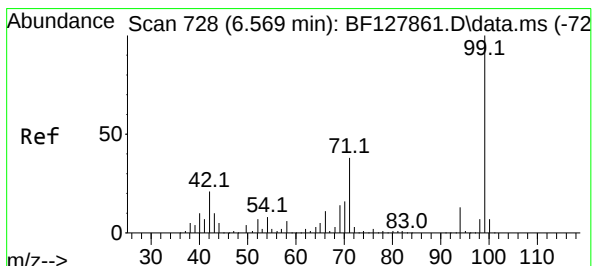
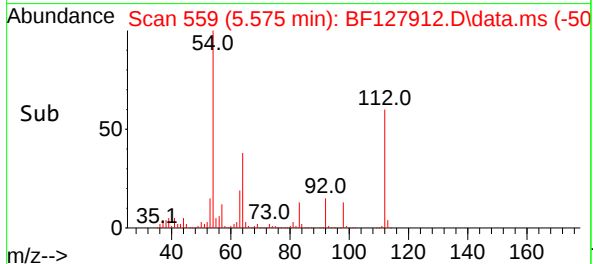
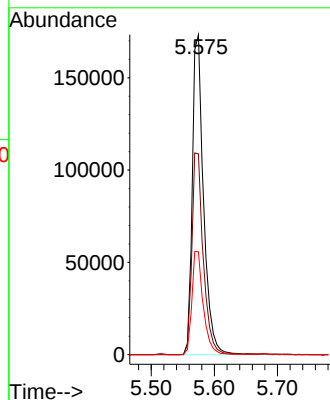
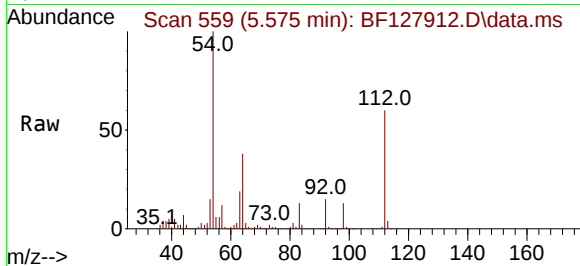




#5
2-Fluorophenol
Concen: 25.836 ng
RT: 5.575 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

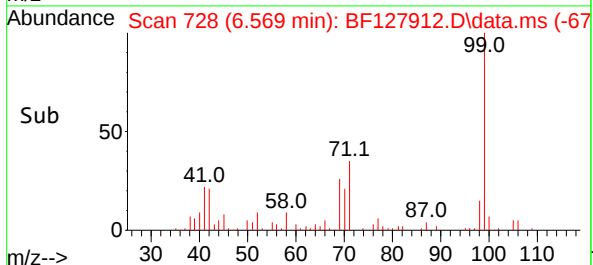
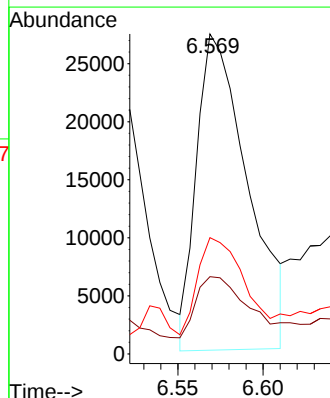
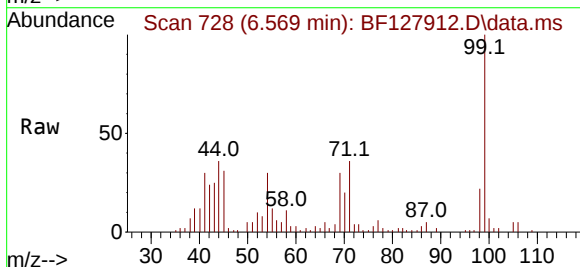
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

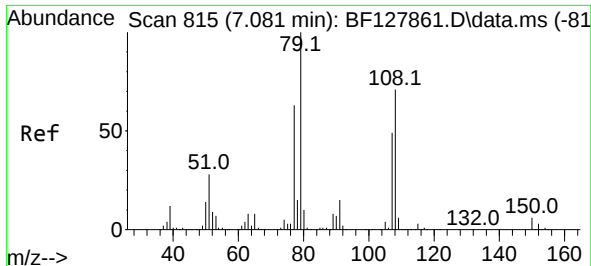
Tgt Ion:112 Resp: 215462
Ion Ratio Lower Upper
112 100
64 62.8 49.5 74.3
63 32.2 26.3 39.5



#7
Phenol-d6
Concen: 5.250 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

Tgt Ion: 99 Resp: 56817
Ion Ratio Lower Upper
99 100
42 24.2 16.6 24.8
71 36.4 30.0 45.0

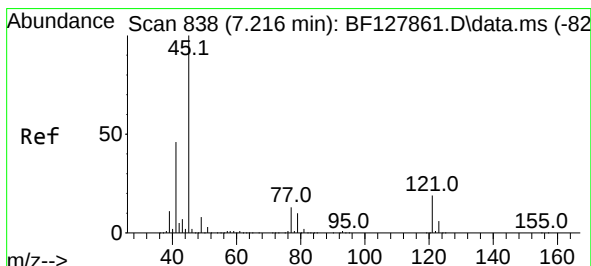
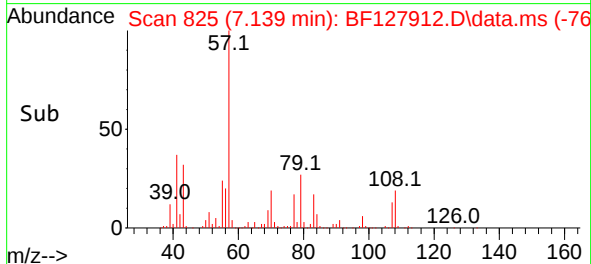
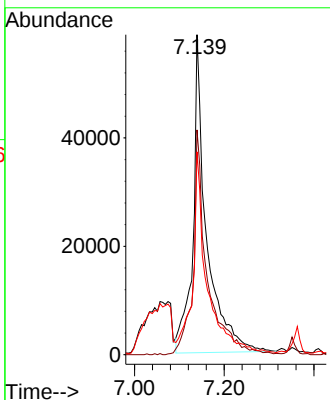
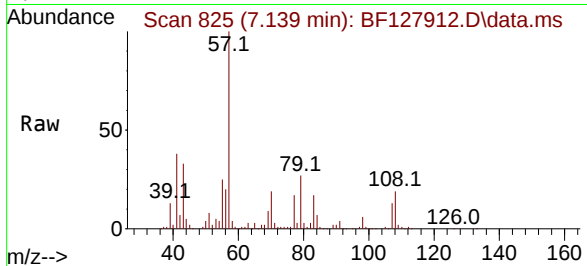




#15
Benzyl Alcohol
Concen: 16.792 ng
RT: 7.139 min Scan# 815
Delta R.T. 0.059 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

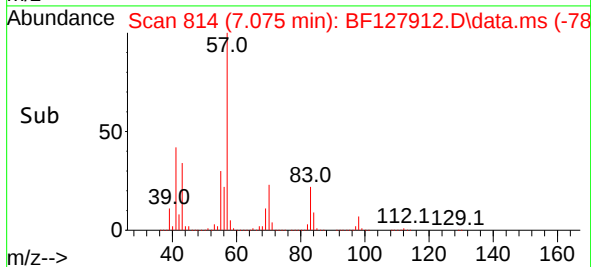
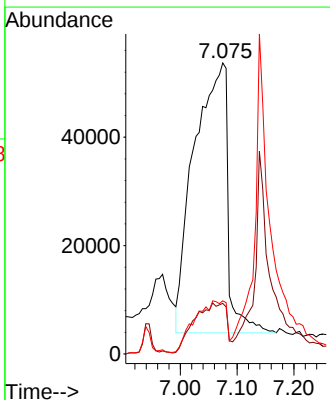
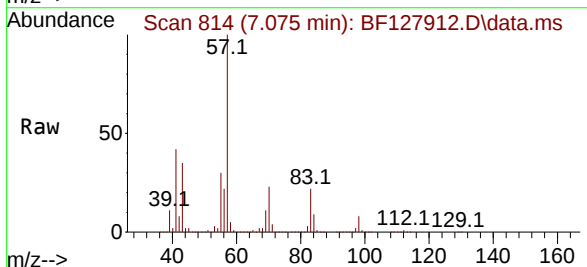
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

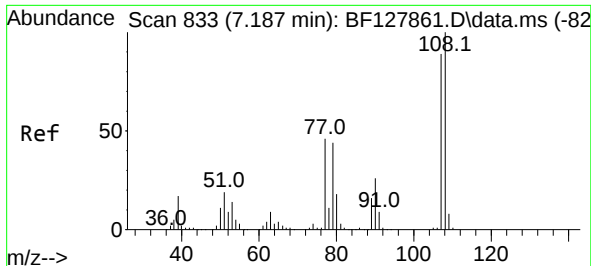
Tgt Ion: 79 Resp: 123569
Ion Ratio Lower Upper
79 100
108 70.2 57.0 85.6
77 63.4 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 14.883 ng
RT: 7.075 min Scan# 814
Delta R.T. -0.141 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

Tgt Ion: 45 Resp: 205939
Ion Ratio Lower Upper
45 100
77 17.3 0.0 34.9
79 18.3 0.0 31.6





#17

2-Methylphenol

Concen: 8.222 ng

RT: 7.139 min Scan# 81

Delta R.T. -0.047 min

Lab File: BF127912.D

Acq: 26 Apr 2022 14:20

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

Tgt Ion:107 Resp: 61408

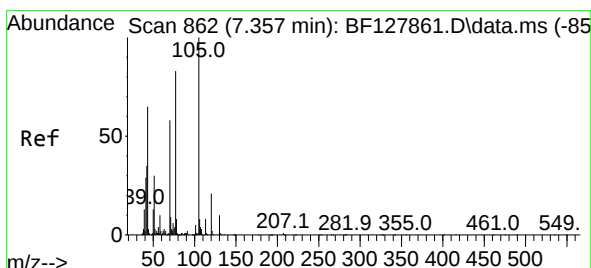
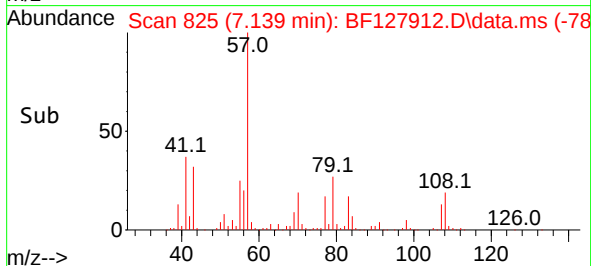
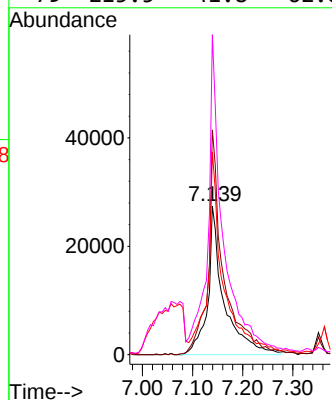
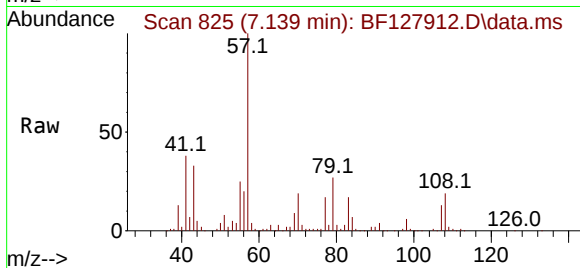
Ion Ratio Lower Upper

107 100

108 151.3 90.2 135.2#

77 136.6 41.9 62.9#

79 215.5 41.8 62.8#



#19

n-Nitroso-di-n-propylamine

Concen: 9.846 ng

RT: 7.375 min Scan# 865

Delta R.T. 0.017 min

Lab File: BF127912.D

Acq: 26 Apr 2022 14:20

Tgt Ion: 70 Resp: 65222

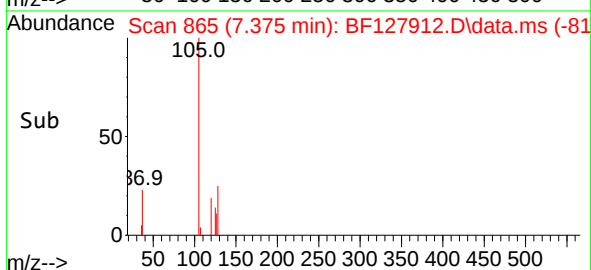
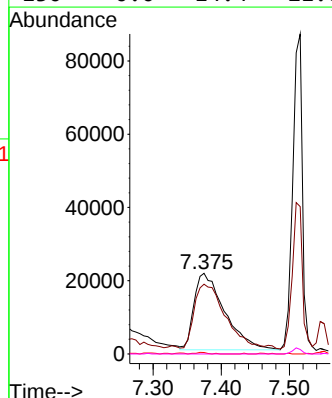
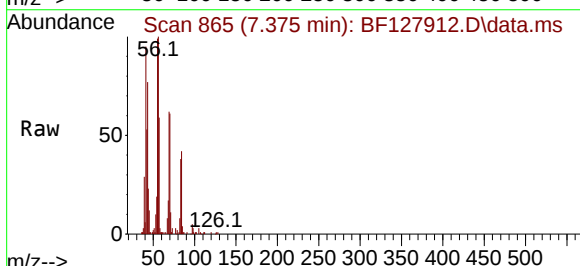
Ion Ratio Lower Upper

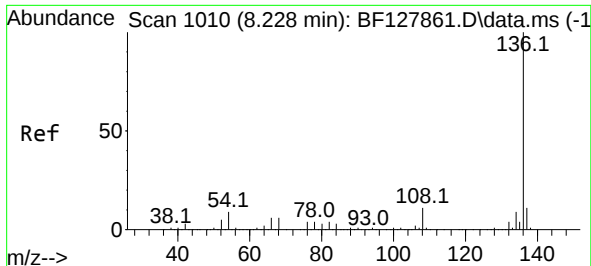
70 100

42 86.5 48.7 73.1#

101 1.7 7.2 10.8#

130 0.0 14.4 21.6#

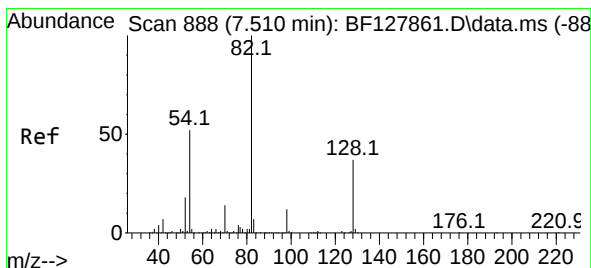
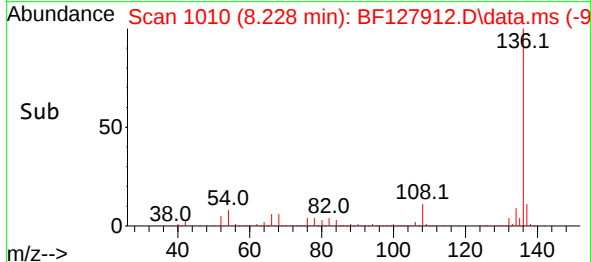
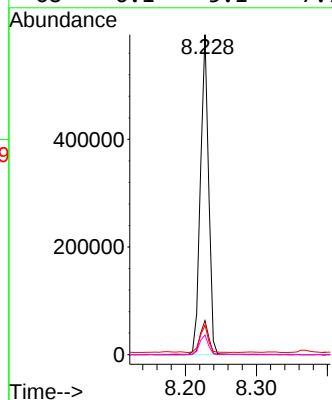
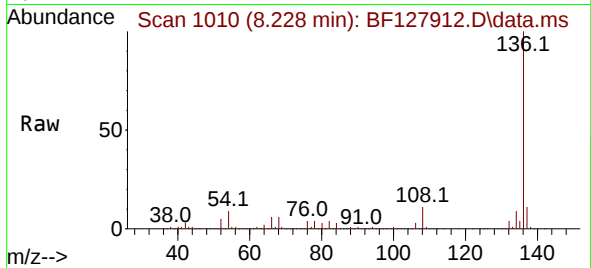




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

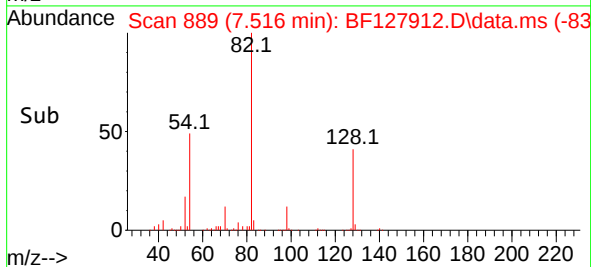
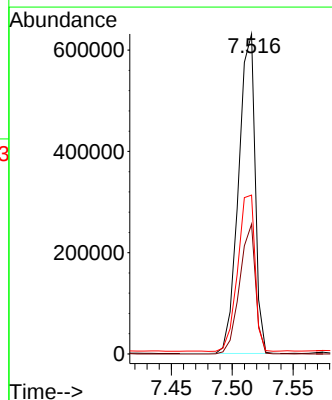
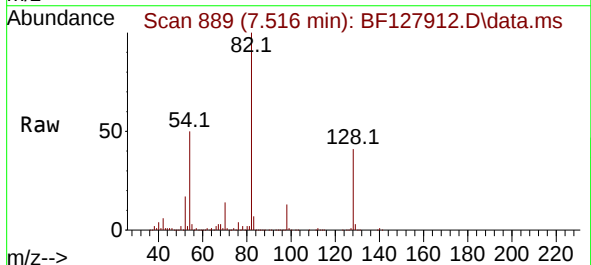
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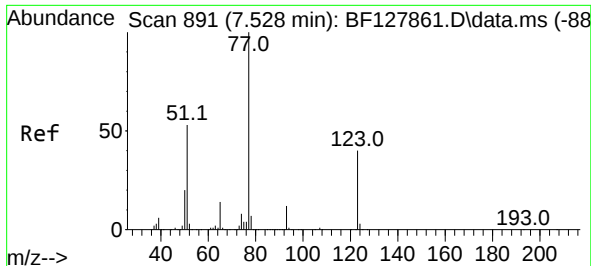
Tgt	Ion:136	Resp:	477097
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.2	6.8	10.2
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 59.050 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.006 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

Tgt Ion: 82	Resp: 599107
Ion Ratio	Lower Upper
82 100	
128 40.6	30.0 45.0
54 49.7	41.3 61.9

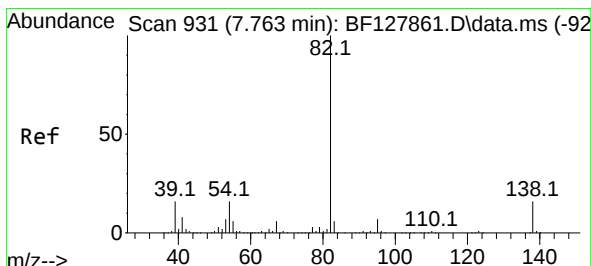
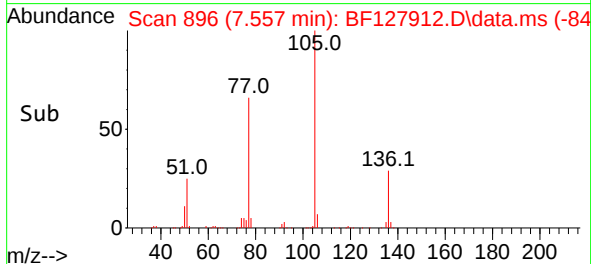
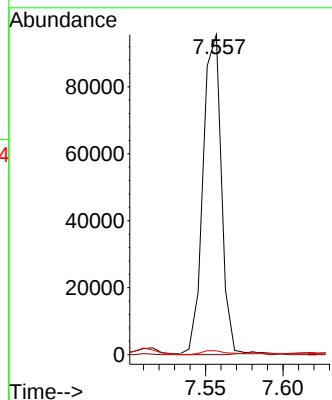
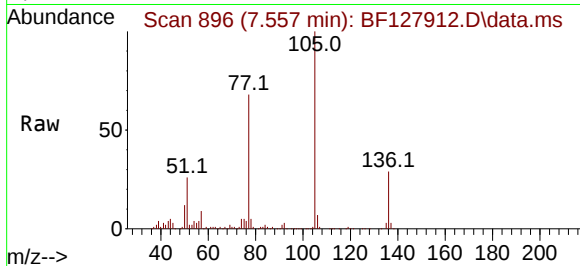




#24
Nitrobenzene
Concen: 8.039 ng
RT: 7.557 min Scan# 891
Delta R.T. 0.029 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

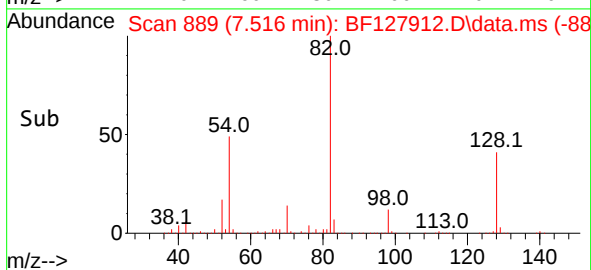
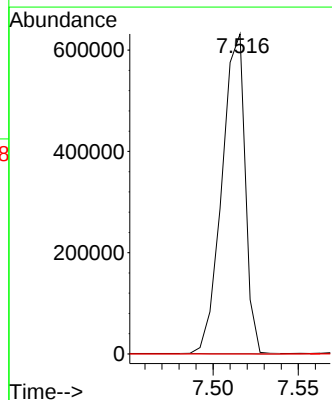
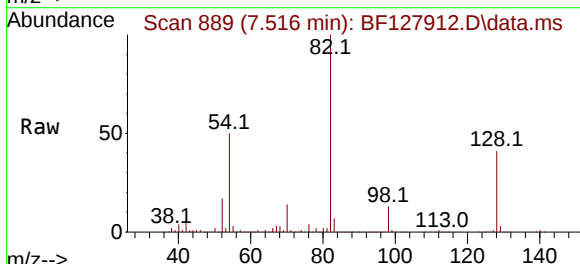
Instrument :
BNA_F
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EFF-WWRE

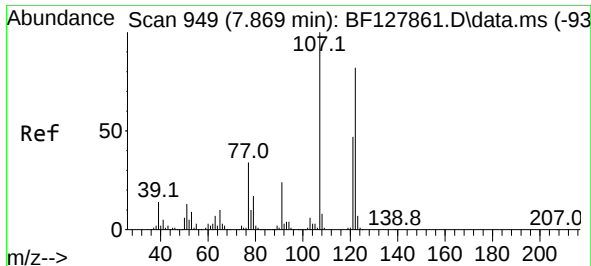
Tgt Ion: 77 Resp: 78590
Ion Ratio Lower Upper
77 100
123 0.0 32.0 48.0#
65 1.2 11.0 16.6#



#25
Isophorone
Concen: 35.068 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.247 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

Tgt Ion: 82 Resp: 598819
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#





#27

2,4-Dimethylphenol

Concen: 182.532 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.247 min

Lab File: BF127912.D

Acq: 26 Apr 2022 14:20

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

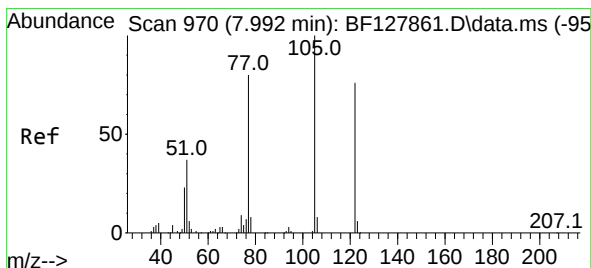
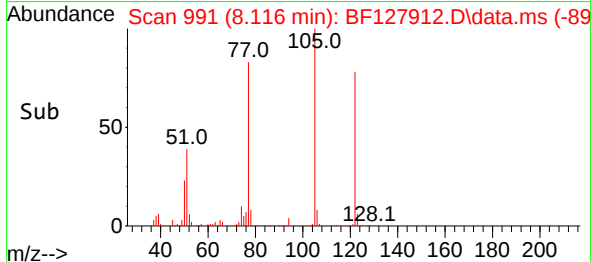
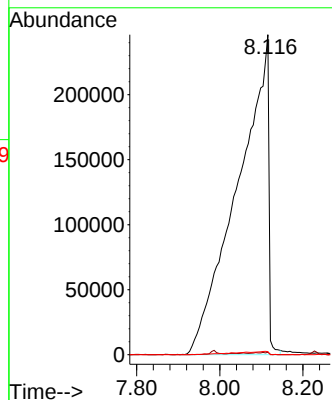
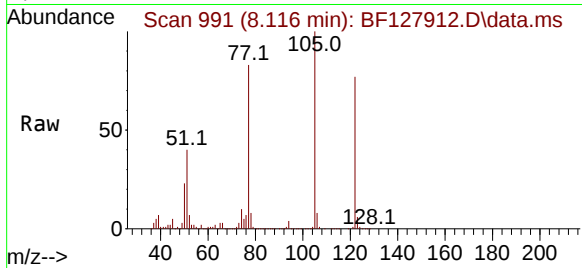
Tgt Ion:122 Resp: 1263077

Ion Ratio Lower Upper

122 100

107 0.8 97.5 146.3#

121 1.0 46.0 69.0#



#32

Benzoic acid

Concen: 256.430 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.123 min

Lab File: BF127912.D

Acq: 26 Apr 2022 14:20

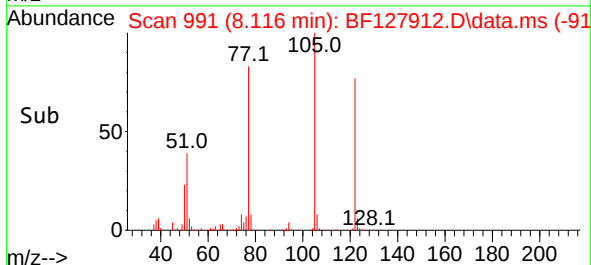
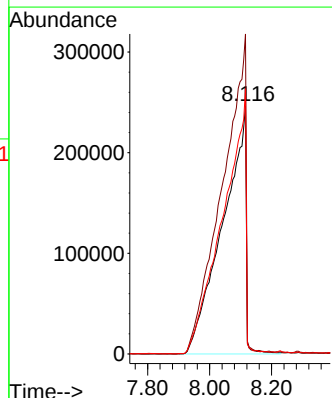
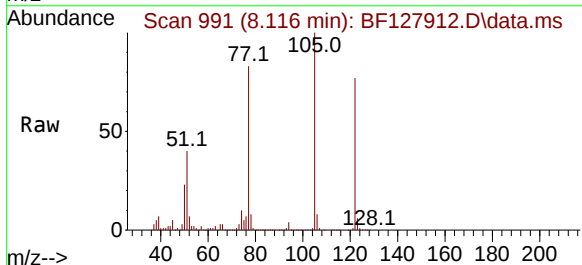
Tgt Ion:122 Resp: 1271849

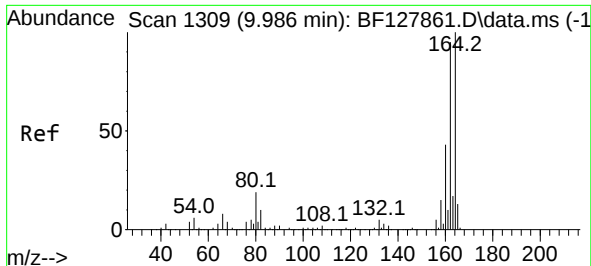
Ion Ratio Lower Upper

122 100

105 129.2 107.9 147.9

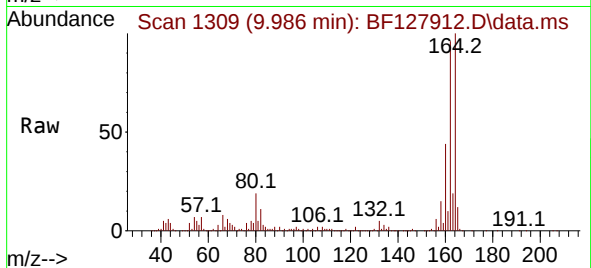
77 107.1 82.5 122.5



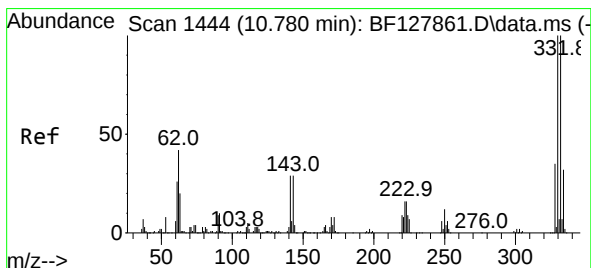
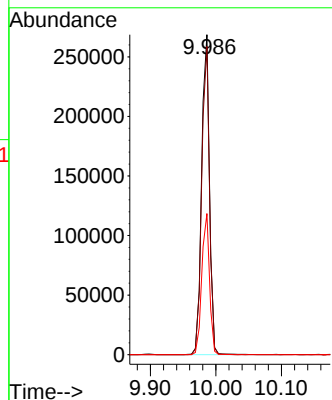
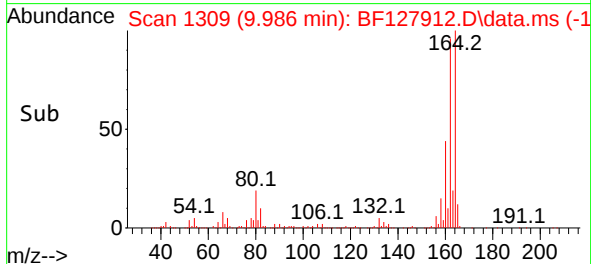


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

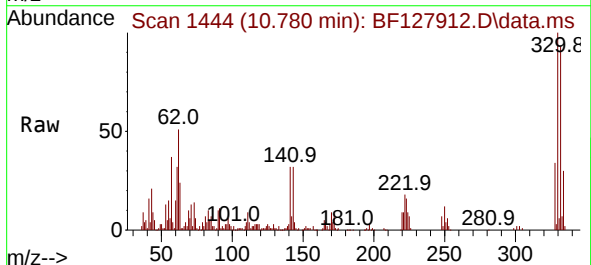
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE



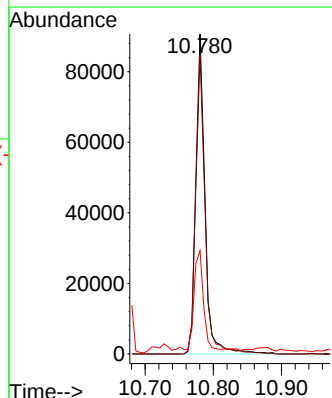
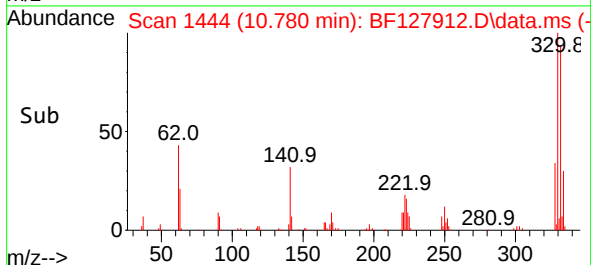
Tgt Ion:164 Resp: 224085
Ion Ratio Lower Upper
164 100
162 96.3 76.0 114.0
160 44.1 34.8 52.2

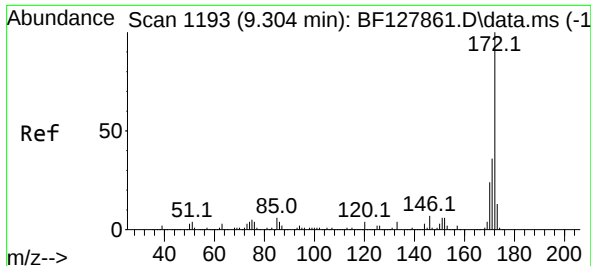


#42
2,4,6-Tribromophenol
Concen: 37.611 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20



Tgt Ion:330 Resp: 84843
Ion Ratio Lower Upper
330 100
332 94.1 79.0 118.4
141 31.3 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 46.285 ng

RT: 9.298 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF127912.D

Acq: 26 Apr 2022 14:20

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

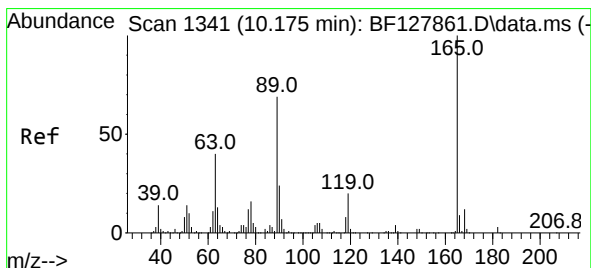
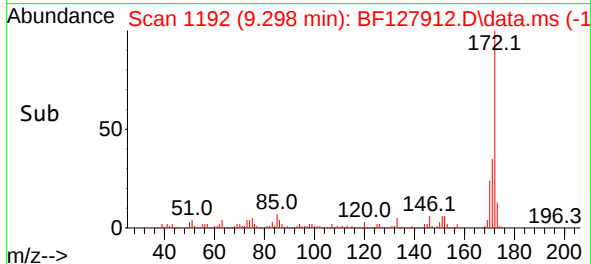
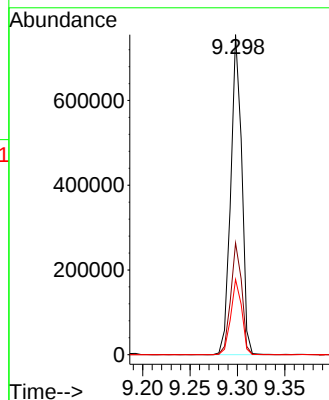
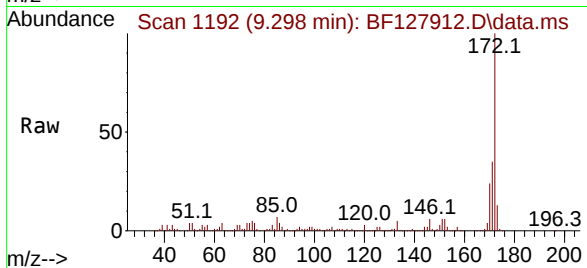
Tgt Ion:172 Resp: 613082

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.5 19.1 28.7



#57

2,4-Dinitrotoluene

Concen: 6.846 ng

RT: 9.986 min Scan# 1309

Delta R.T. -0.188 min

Lab File: BF127912.D

Acq: 26 Apr 2022 14:20

Tgt Ion:165 Resp: 29507

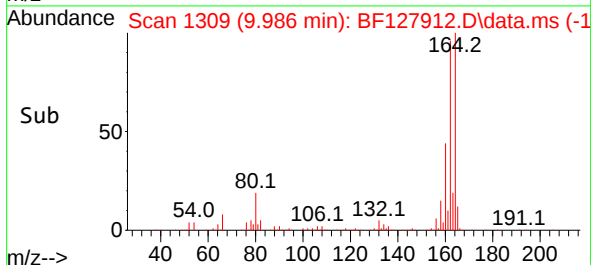
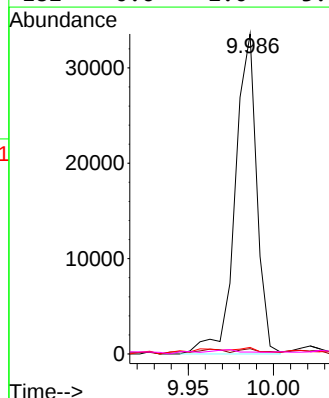
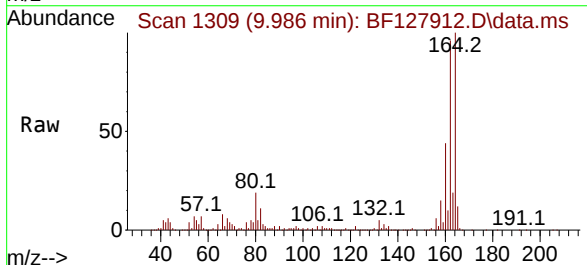
Ion Ratio Lower Upper

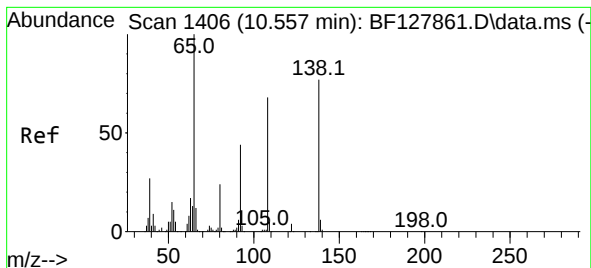
165 100

63 1.6 32.6 49.0#

89 2.0 55.2 82.8#

182 0.6 2.0 3.0#

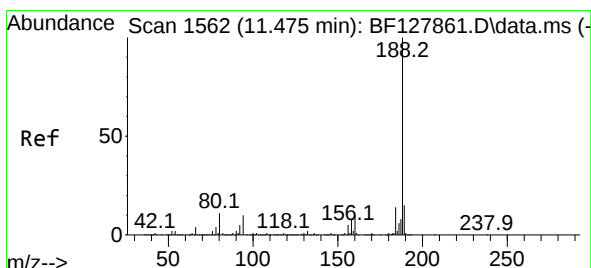
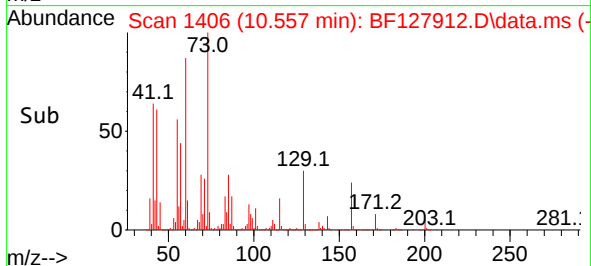
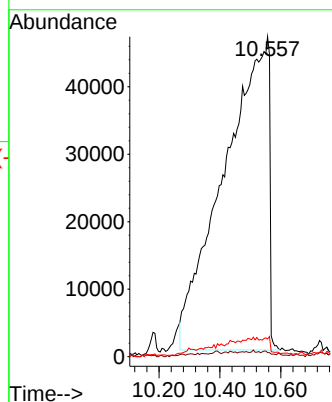
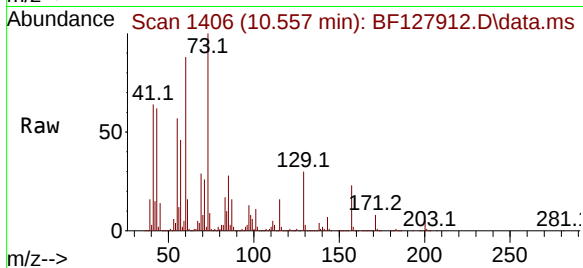




#62
4-Nitroaniline
Concen: 134.916 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

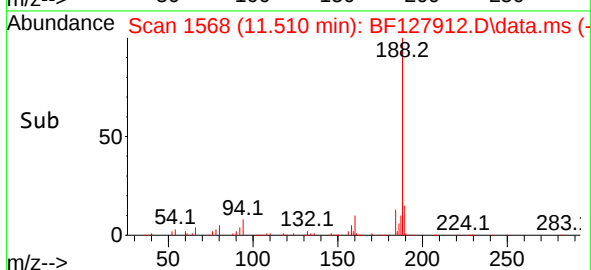
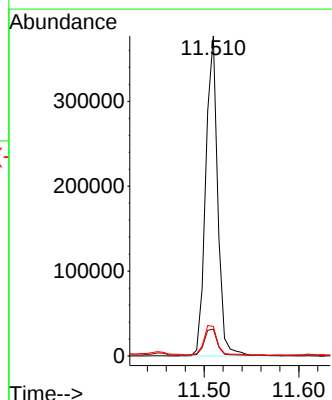
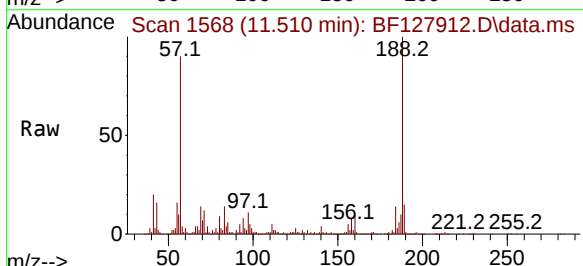
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

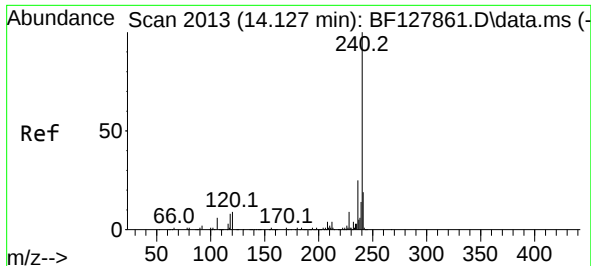
Tgt Ion:138 Resp: 476584
Ion Ratio Lower Upper
138 100
92 1.3 37.4 77.4#
108 5.6 68.4 108.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1568
Delta R.T. 0.035 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

Tgt Ion:188 Resp: 330056
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.3 8.9 13.3

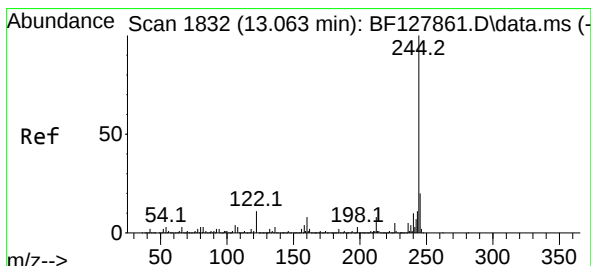
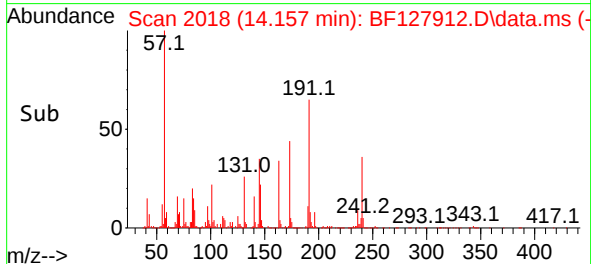
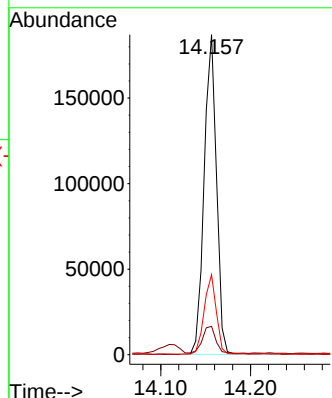
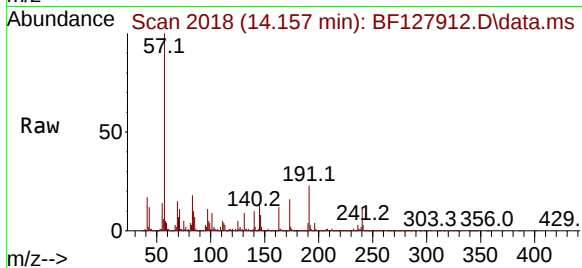




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2013
Delta R.T. 0.029 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

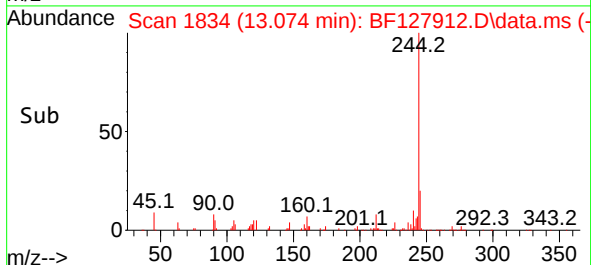
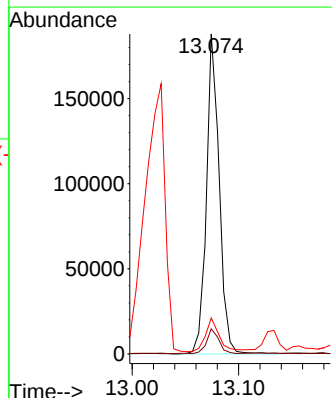
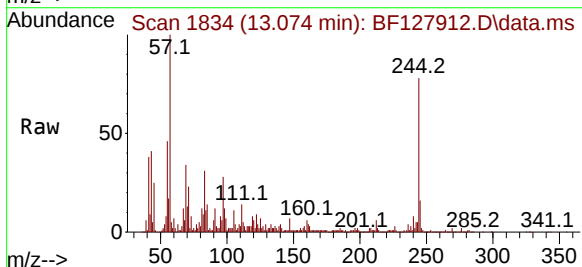
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

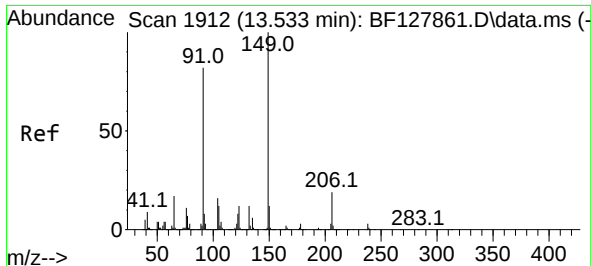
Tgt Ion:240 Resp: 178339
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 25.0 20.3 30.5



#79
Terphenyl-d14
Concen: 16.134 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.012 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

Tgt Ion:244 Resp: 157355
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 11.3 8.6 12.8

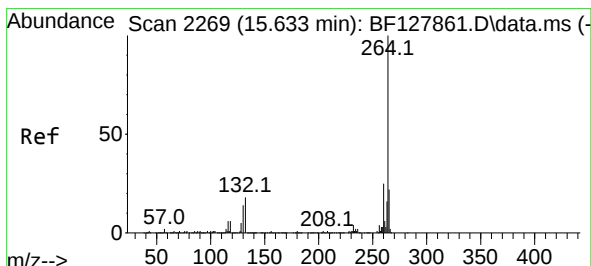
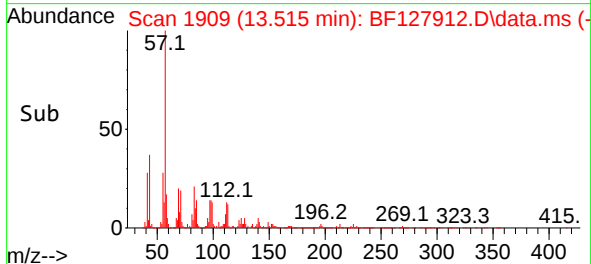
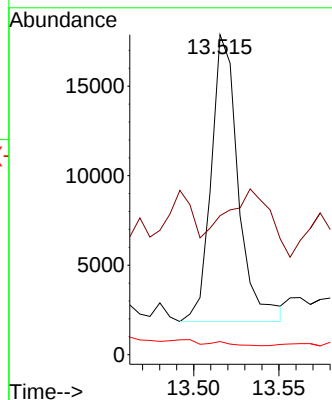
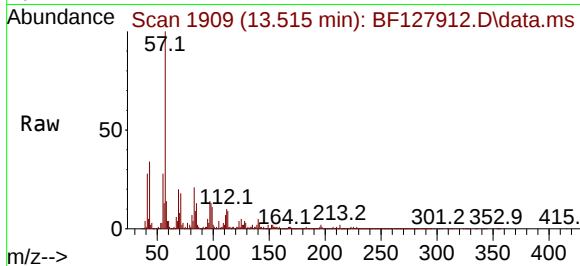




#80
Butylbenzylphthalate
Concen: 3.142 ng
RT: 13.515 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:149 Resp: 17730
Ion Ratio Lower Upper
149 100
91 43.5 65.8 98.6#
206 4.1 15.4 23.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. 0.035 min
Lab File: BF127912.D
Acq: 26 Apr 2022 14:20

Tgt Ion:264 Resp: 176988
Ion Ratio Lower Upper
264 100
260 23.9 20.1 30.1
265 21.6 17.5 26.3

