

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127855.D
 Acq On : 19 Apr 2022 22:04
 Operator : CG\JU
 Sample : N2433-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Apr 20 03:55:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 17:31:18 2022
 Response via : Initial Calibration

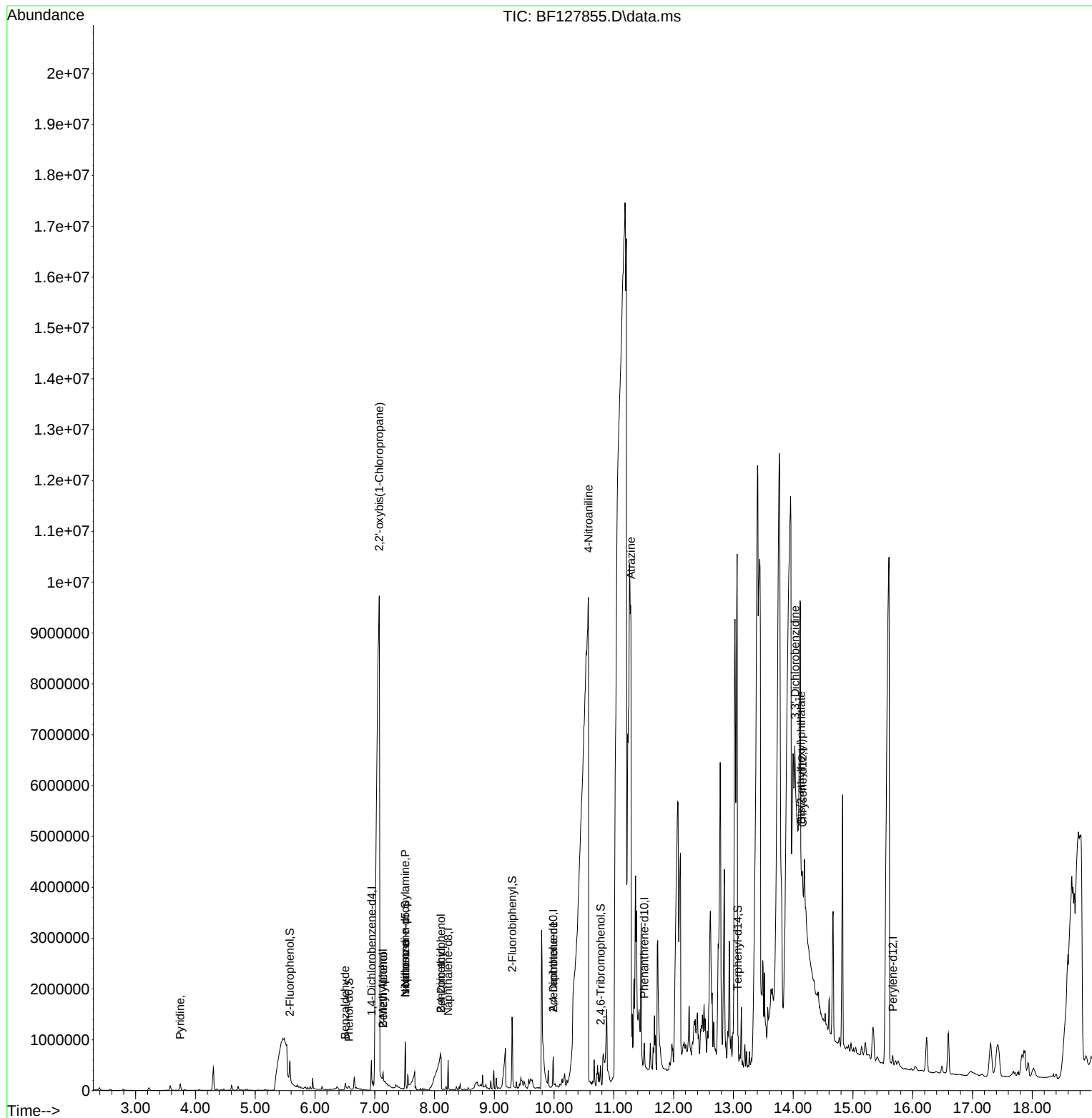
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	70747	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	197633	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	90618	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	148920	20.000	ng	# 0.03
76) Chrysene-d12	14.157	240	132011	20.000	ng	0.02
86) Perylene-d12	15.668	264	99788	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	107834	23.879	ng	0.01
7) Phenol-d6	6.569	99	32034	5.680	ng	0.00
23) Nitrobenzene-d5	7.510	82	276345	64.848	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	40283	36.492	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	347570	50.098	ng	-0.01
79) Terphenyl-d14	13.074	244	87587	10.414	ng	0.00
Target Compounds						
3) Pyridine	3.745	79	26415	4.424	ng	# 1
9) Benzaldehyde	6.504	77	10267	3.186	ng	# 81
15) Benzyl Alcohol	7.139	79	51763	10.546	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.075	45	160058	23.932	ng	75
17) 2-Methylphenol	7.139	107	26628	6.935	ng	# 3
19) n-Nitroso-di-n-propyla...	7.510	70	41106	10.619	ng	# 78
25) Isophorone	7.510	82	276345	38.541	ng	# 70
27) 2,4-Dimethylphenol	8.110	122	547075	199.876	ng	# 4
32) Benzoic acid	8.110	122	547504	279.575	ng	98
57) 2,4-Dinitrotoluene	9.986	165	12475	7.361	ng	# 14
62) 4-Nitroaniline	10.574	138	327790	263.105	ng	# 17
69) Atrazine	11.286	200	24435	15.606	ng	# 54
82) 3,3'-Dichlorobenzidine	14.033	252	11016	3.868	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.133	149	14063	2.466	ng	# 82

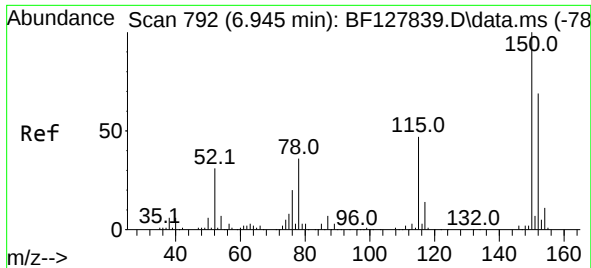
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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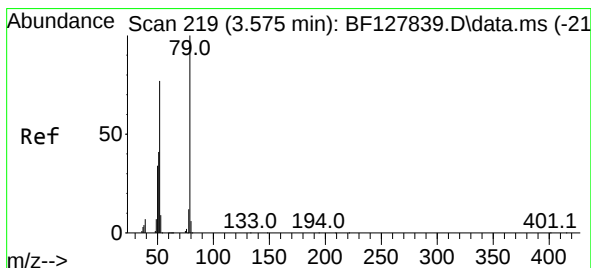
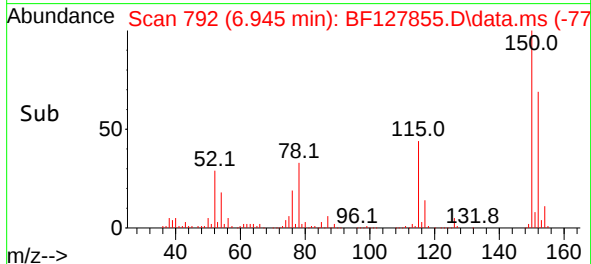
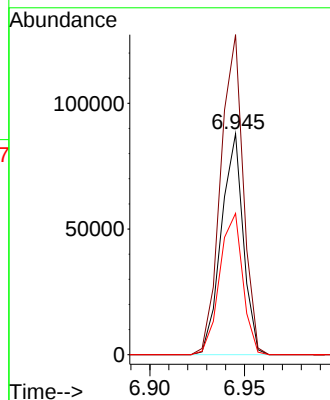
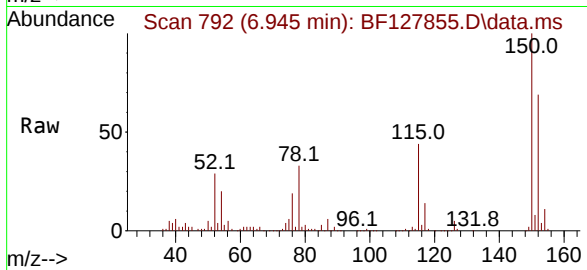




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: BF127855.D
 Acq: 19 Apr 2022 22:04

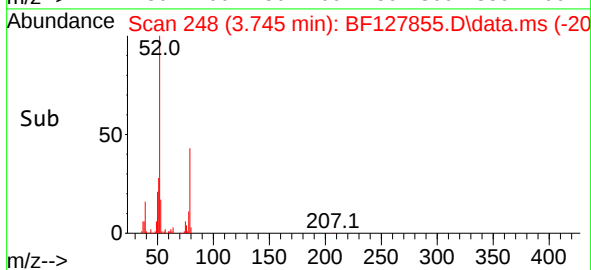
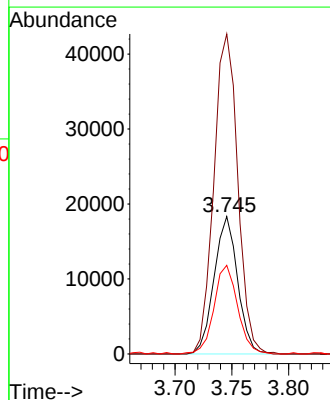
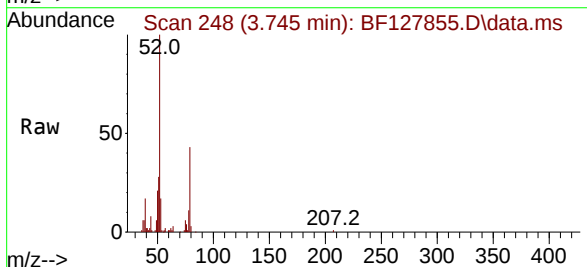
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

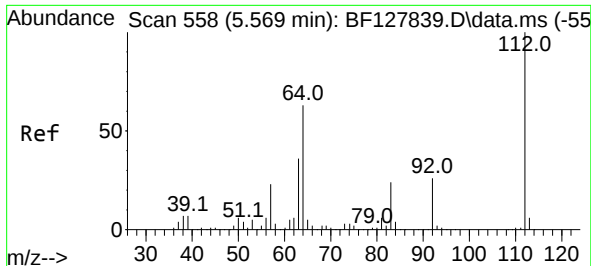
Tgt Ion:152 Resp: 70747
 Ion Ratio Lower Upper
 152 100
 150 144.8 117.2 175.8
 115 63.9 49.8 74.6



#3
 Pyridine
 Concen: 4.424 ng
 RT: 3.745 min Scan# 248
 Delta R.T. 0.170 min
 Lab File: BF127855.D
 Acq: 19 Apr 2022 22:04

Tgt Ion: 79 Resp: 26415
 Ion Ratio Lower Upper
 79 100
 52 232.9 74.2 111.4#
 51 64.5 36.7 55.1#

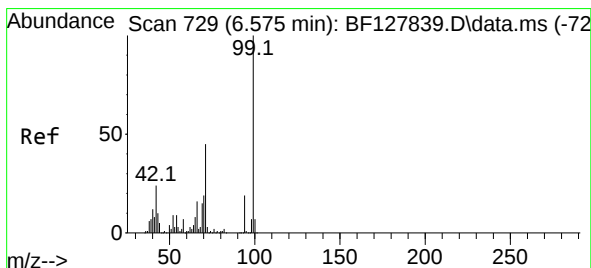
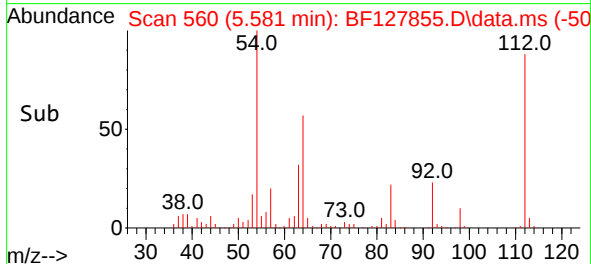
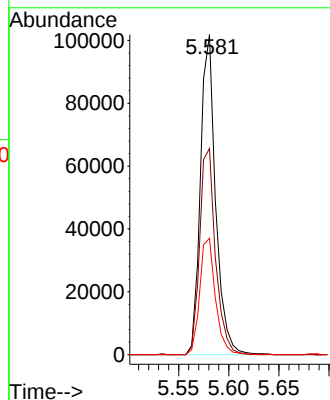
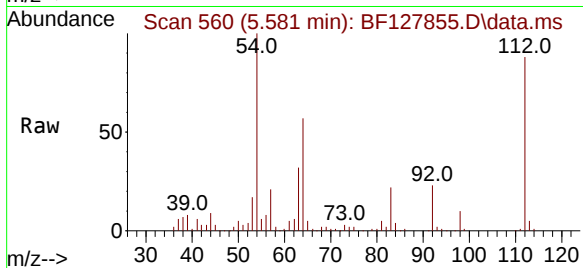




#5
2-Fluorophenol
Concen: 23.879 ng
RT: 5.581 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

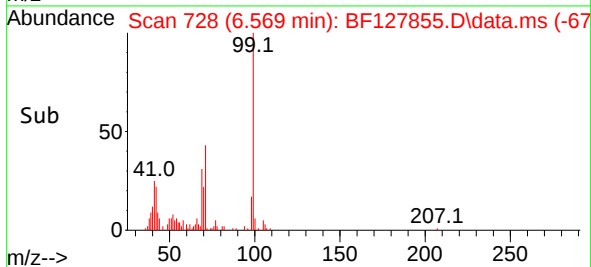
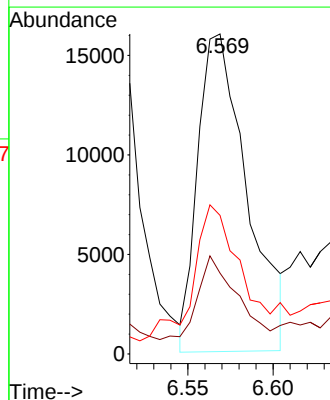
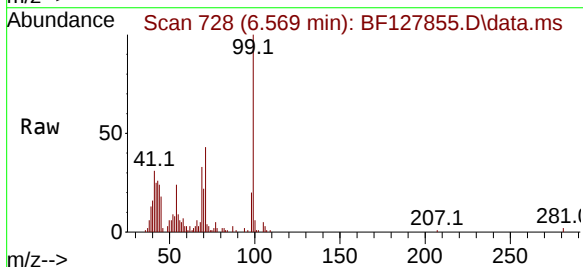
Instrument :
BNA_F
ClientSampleId :
EFF-WW

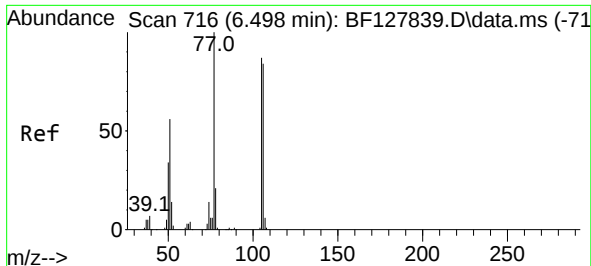
Tgt Ion:112 Resp: 107834
Ion Ratio Lower Upper
112 100
64 64.4 58.4 87.6
63 36.4 30.1 45.1



#7
Phenol-d6
Concen: 5.680 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

Tgt Ion: 99 Resp: 32034
Ion Ratio Lower Upper
99 100
42 25.2 17.8 26.6
71 43.3 29.6 44.4

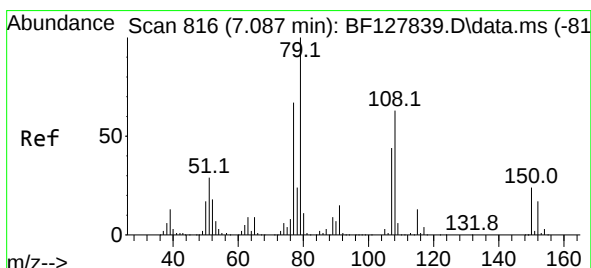
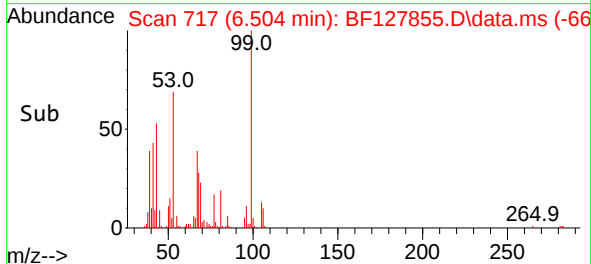
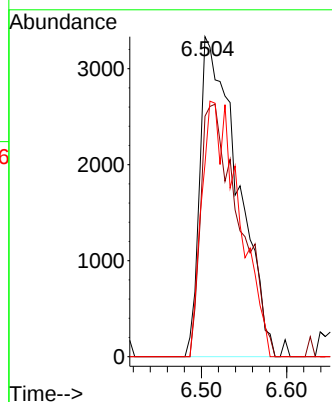
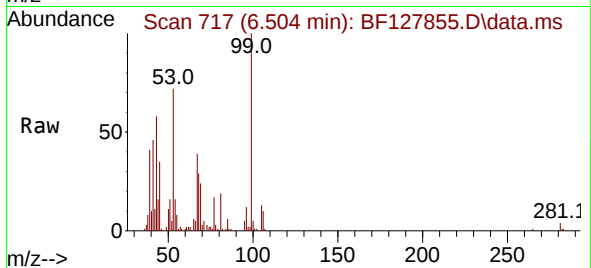




#9
Benzaldehyde
Concen: 3.186 ng
RT: 6.504 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

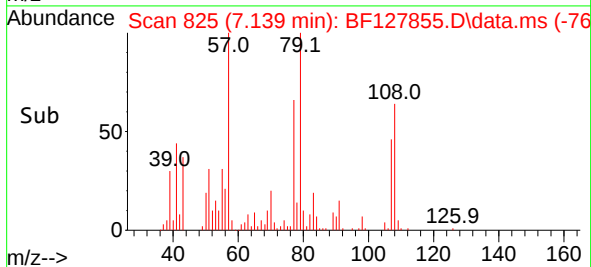
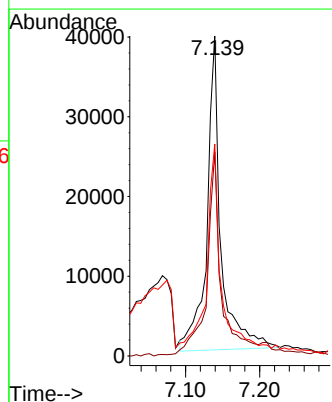
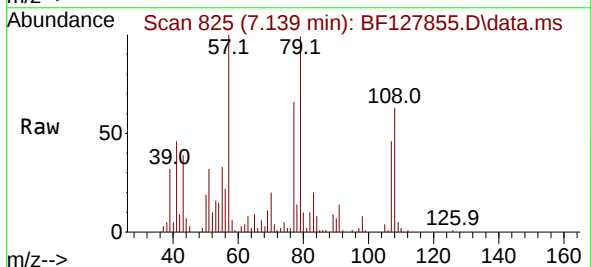
Instrument :
BNA_F
ClientSampleId :
EFF-WW

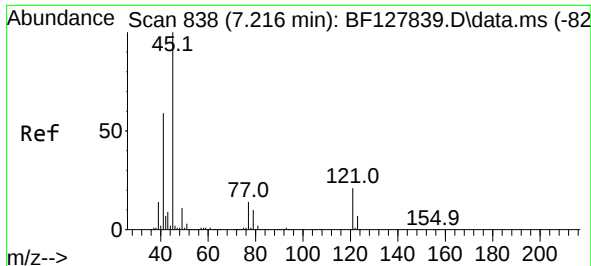
Tgt Ion: 77 Resp: 10267
Ion Ratio Lower Upper
77 100
105 75.1 66.8 106.8
106 60.3 64.3 104.3#



#15
Benzyl Alcohol
Concen: 10.546 ng
RT: 7.139 min Scan# 825
Delta R.T. 0.053 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

Tgt Ion: 79 Resp: 51763
Ion Ratio Lower Upper
79 100
108 63.8 52.2 78.2
77 66.2 48.3 72.5

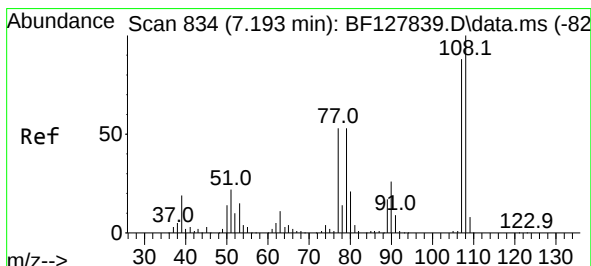
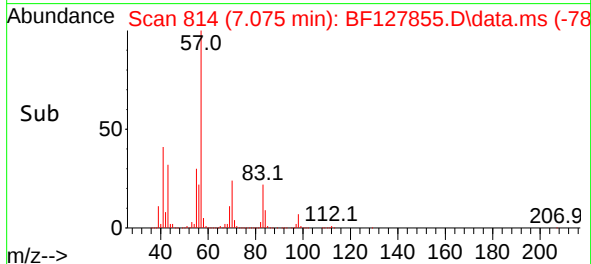
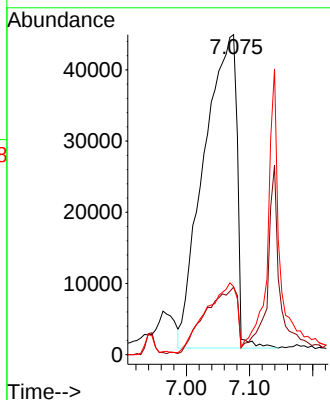
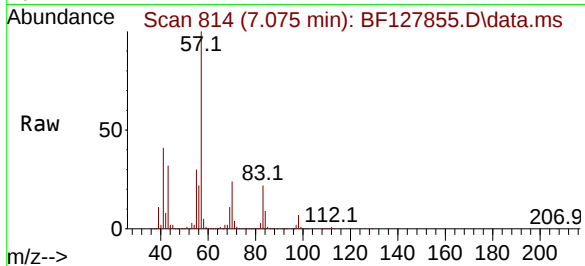




#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.932 ng
RT: 7.075 min Scan# 81
Delta R.T. -0.141 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

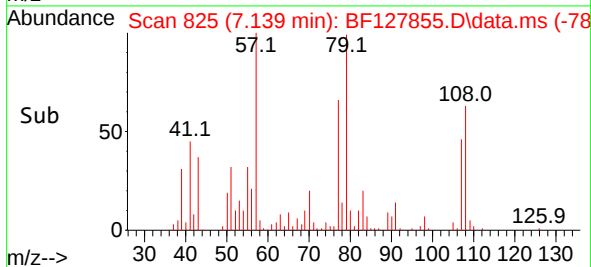
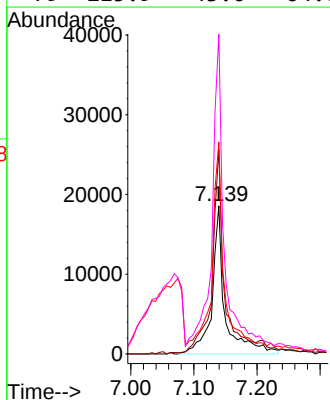
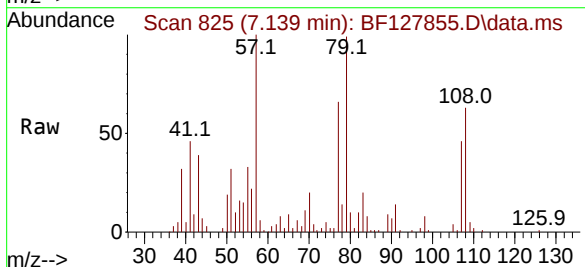
Instrument :
BNA_F
ClientSampleId :
EFF-WW

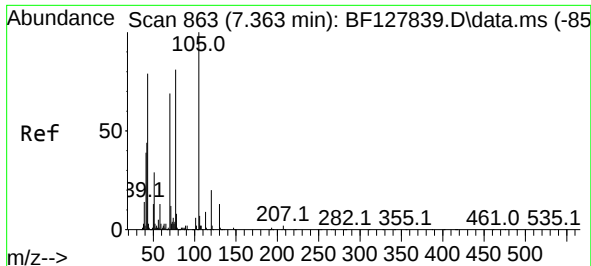
Tgt Ion: 45 Resp: 160058
Ion Ratio Lower Upper
45 100
77 21.1 0.0 32.9
79 21.3 0.0 29.9



#17
2-Methylphenol
Concen: 6.935 ng
RT: 7.139 min Scan# 825
Delta R.T. -0.053 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

Tgt Ion:107 Resp: 26628
Ion Ratio Lower Upper
107 100
108 137.7 90.7 136.1#
77 143.0 42.9 64.3#
79 215.9 43.0 64.6#

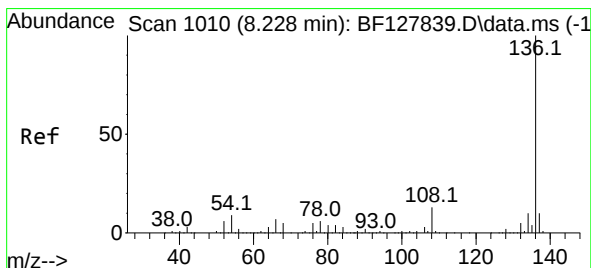
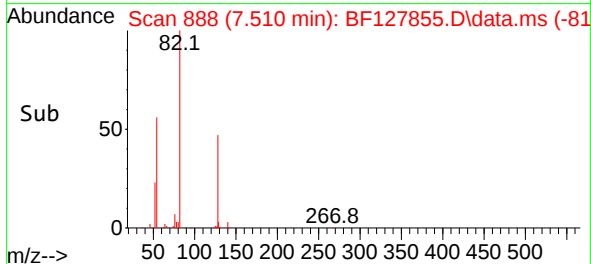
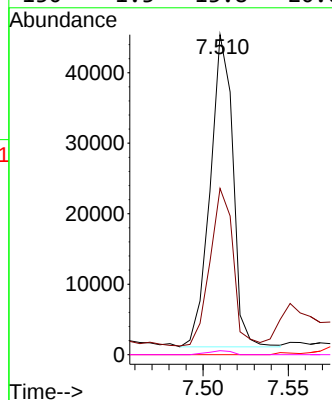
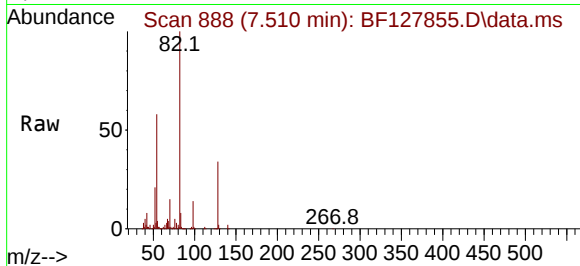




#19
n-Nitroso-di-n-propylamine
Concen: 10.619 ng
RT: 7.510 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

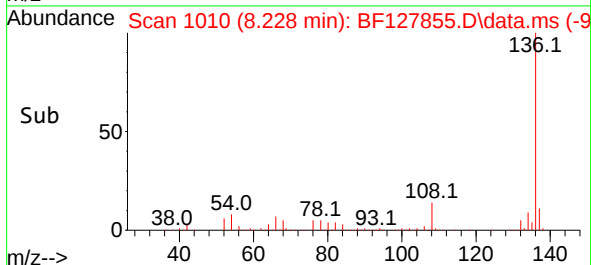
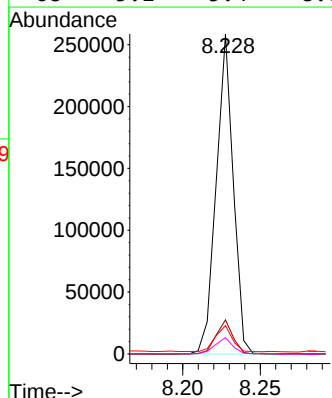
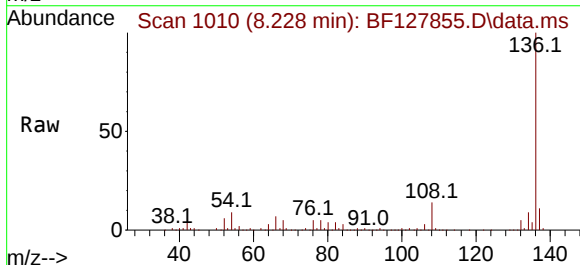
Instrument :
BNA_F
ClientSampleId :
EFF-WW

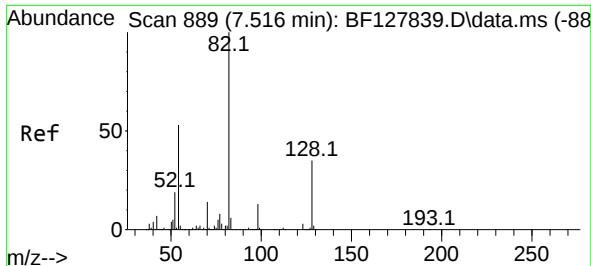
Tgt Ion:	70	Resp:	41106
Ion Ratio	Lower	Upper	
70	100		
42	52.0	53.0	79.6#
101	0.0	6.8	10.2#
130	1.3	13.8	20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

Tgt Ion:	136	Resp:	197633
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	8.9	9.2	13.8#
68	5.1	5.4	8.0#





#23

Nitrobenzene-d5

Concen: 64.848 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.006 min

Lab File: BF127855.D

Acq: 19 Apr 2022 22:04

Instrument :

BNA_F

ClientSampleId :

EFF-WW

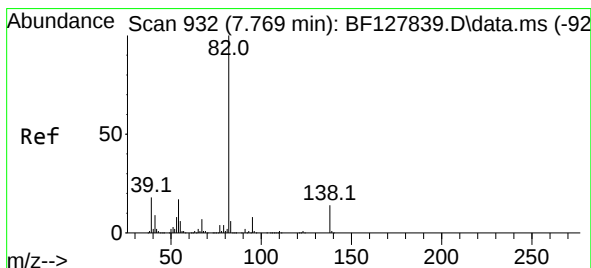
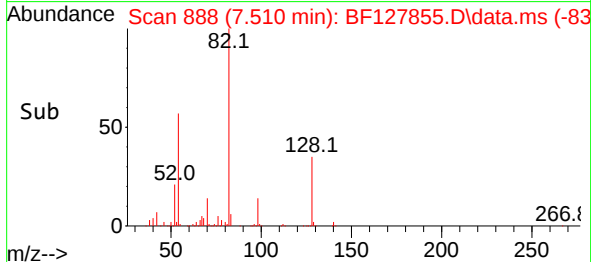
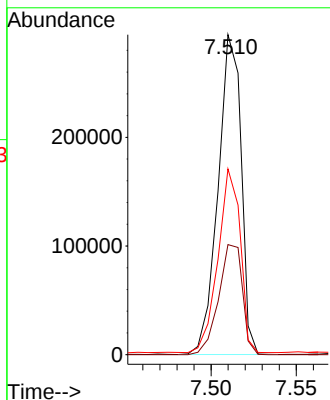
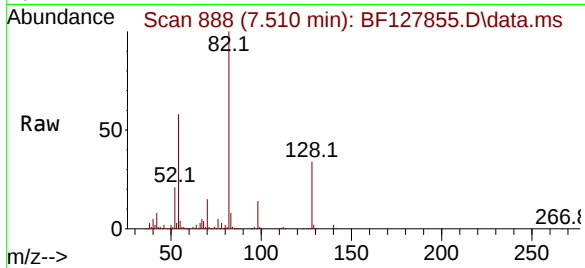
Tgt Ion: 82 Resp: 276345

Ion Ratio Lower Upper

82 100

128 34.4 30.6 45.8

54 58.1 48.2 72.2



#25

Isophorone

Concen: 38.541 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.259 min

Lab File: BF127855.D

Acq: 19 Apr 2022 22:04

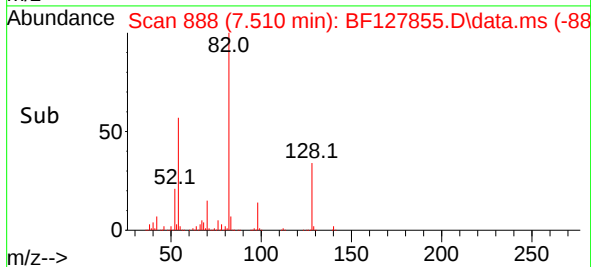
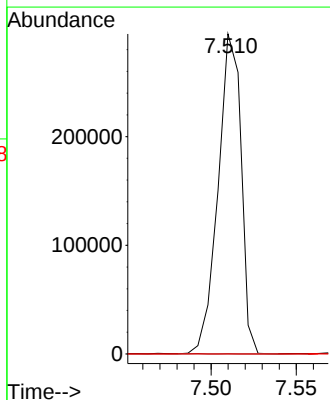
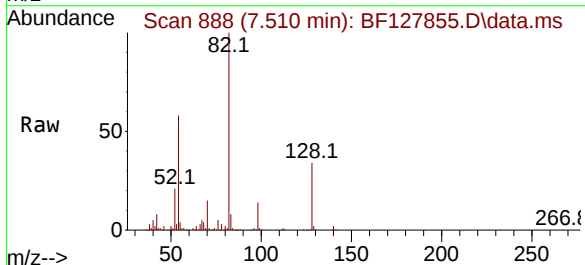
Tgt Ion: 82 Resp: 276345

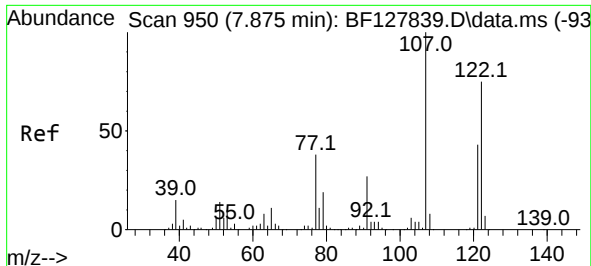
Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.8#

138 0.0 11.6 17.4#

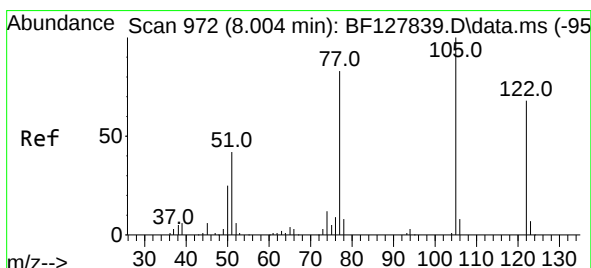
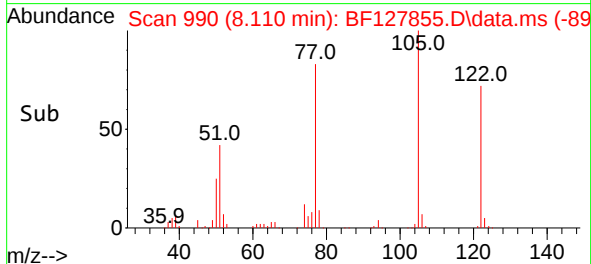
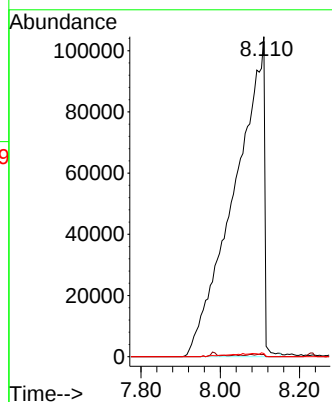
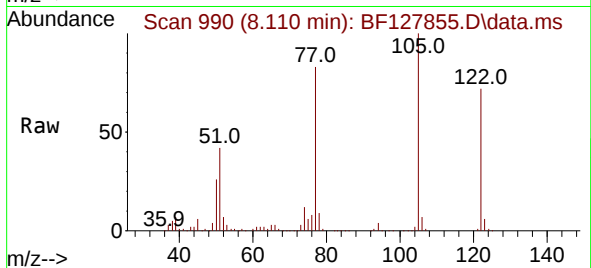




#27
 2,4-Dimethylphenol
 Concen: 199.876 ng
 RT: 8.110 min Scan# 990
 Delta R.T. 0.235 min
 Lab File: BF127855.D
 Acq: 19 Apr 2022 22:04

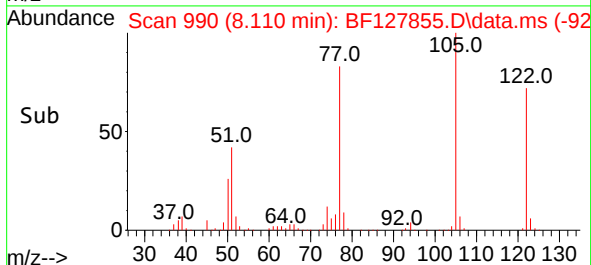
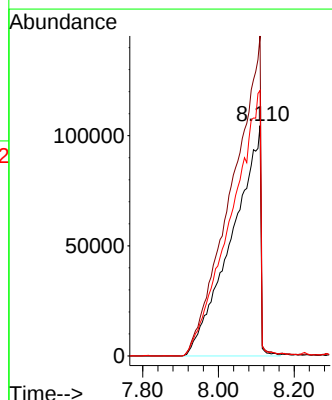
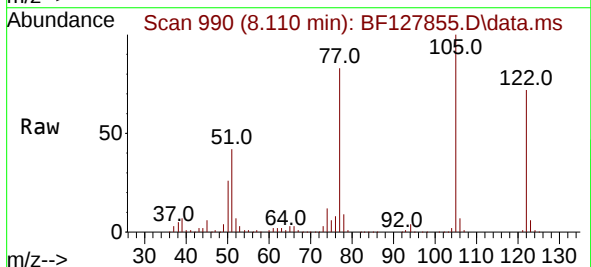
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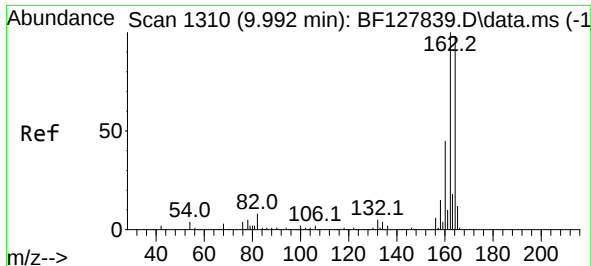
Tgt Ion:122 Resp: 547075
 Ion Ratio Lower Upper
 122 100
 107 0.7 93.0 139.4#
 121 1.0 44.9 67.3#



#32
 Benzoic acid
 Concen: 279.575 ng
 RT: 8.110 min Scan# 990
 Delta R.T. 0.106 min
 Lab File: BF127855.D
 Acq: 19 Apr 2022 22:04

Tgt Ion:122 Resp: 547504
 Ion Ratio Lower Upper
 122 100
 105 138.9 117.1 157.1
 77 115.3 93.0 133.0

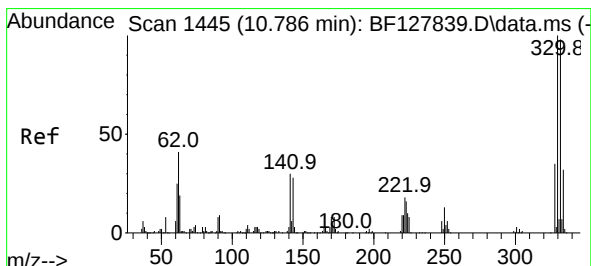
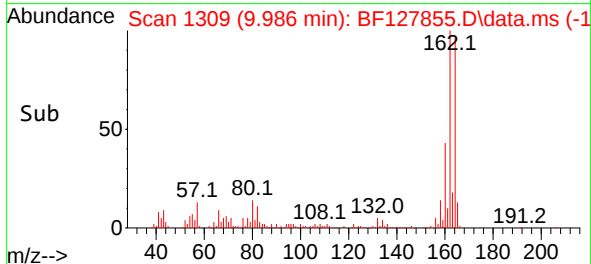
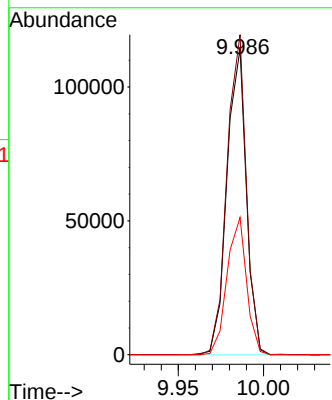
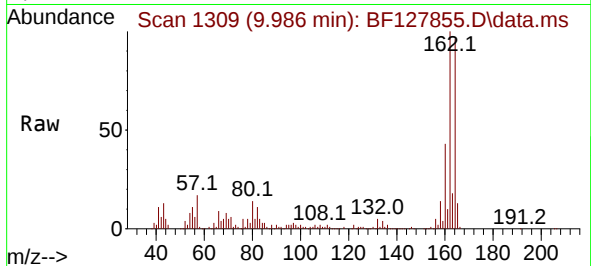




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

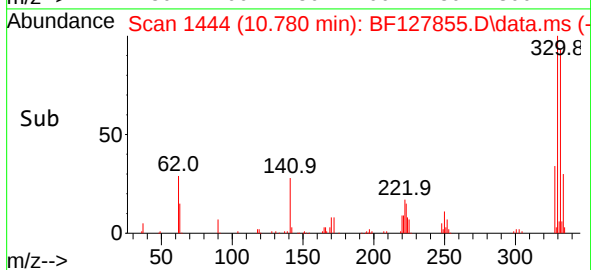
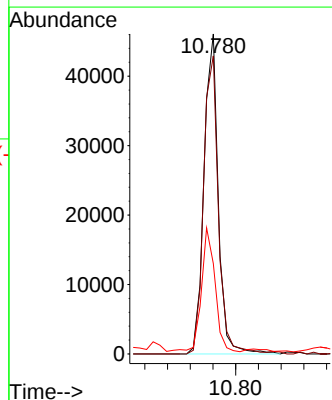
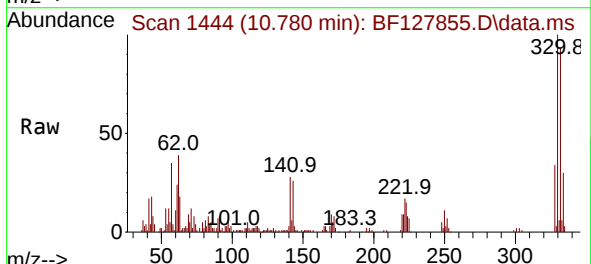
Instrument :
BNA_F
ClientSampleId :
EFF-WW

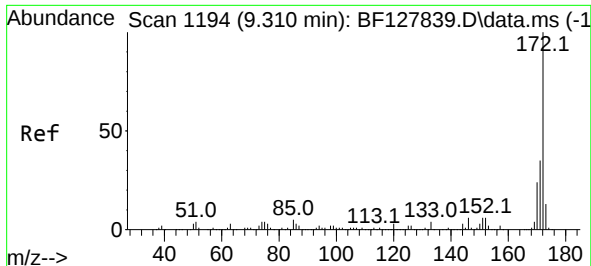
Tgt Ion:164 Resp: 90618
Ion Ratio Lower Upper
164 100
162 104.6 81.2 121.8
160 44.9 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 36.492 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

Tgt Ion:330 Resp: 40283
Ion Ratio Lower Upper
330 100
332 97.1 79.1 118.7
141 36.6 26.2 39.4

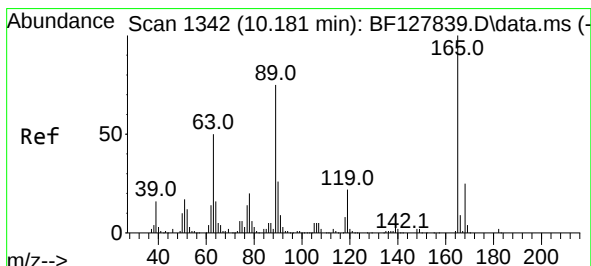
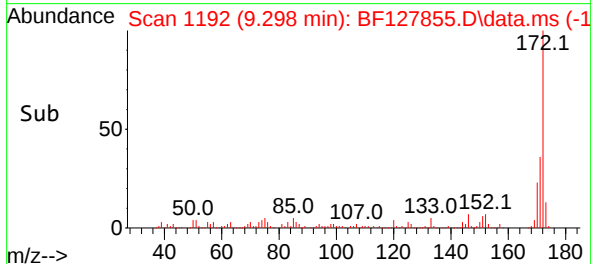
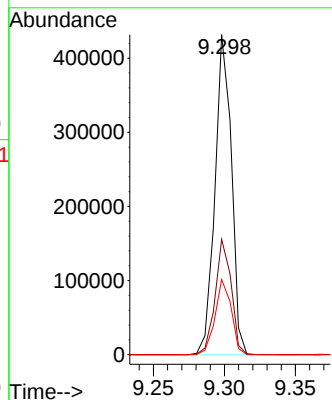
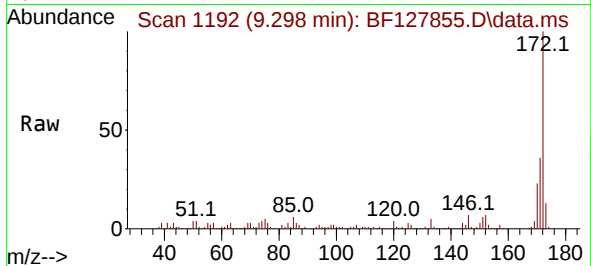




#45
2-Fluorobiphenyl
Concen: 50.098 ng
RT: 9.298 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

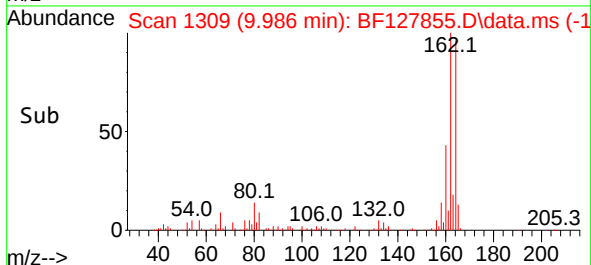
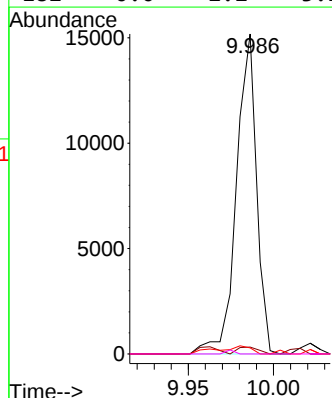
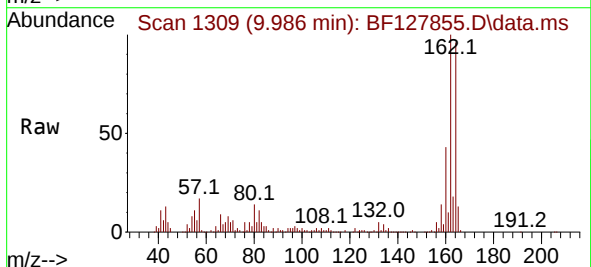
Instrument :
BNA_F
ClientSampleId :
EFF-WW

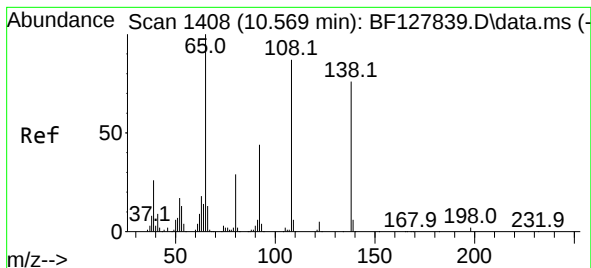
Tgt Ion:172 Resp: 347570
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.5 18.6 27.8



#57
2,4-Dinitrotoluene
Concen: 7.361 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.194 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

Tgt Ion:165 Resp: 12475
Ion Ratio Lower Upper
165 100
63 2.2 53.1 79.7#
89 1.9 69.2 103.8#
182 0.0 2.2 3.2#

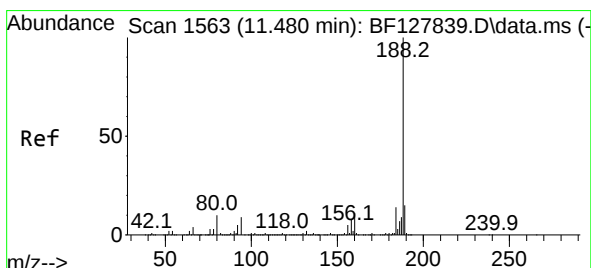
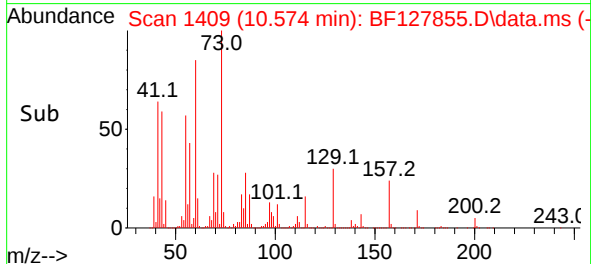
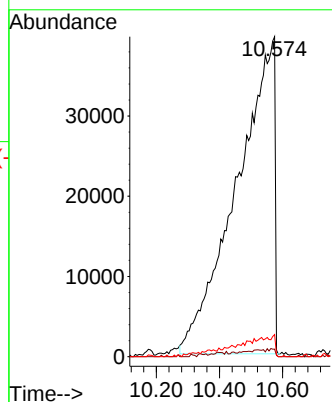
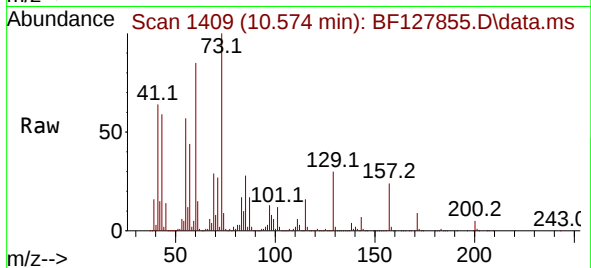




#62
4-Nitroaniline
Concen: 263.105 ng
RT: 10.574 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

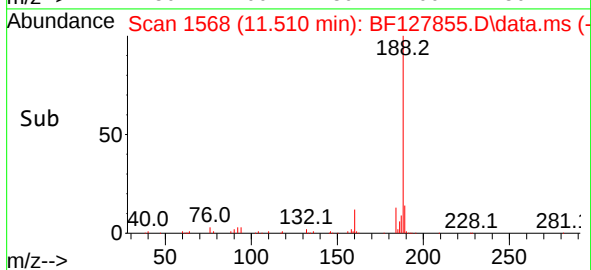
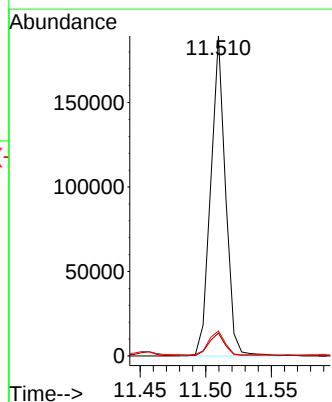
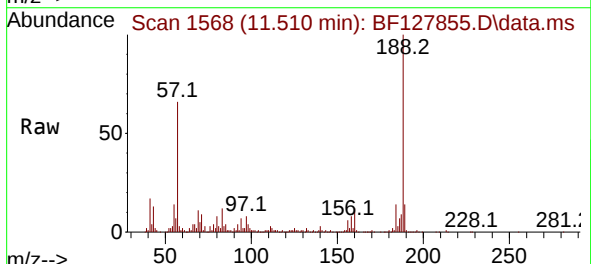
Instrument :
BNA_F
ClientSampleId :
EFF-WW

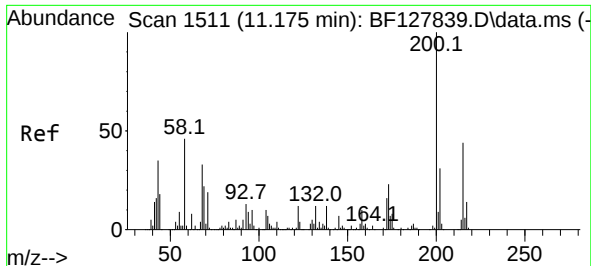
Tgt Ion:138 Resp: 327790
Ion Ratio Lower Upper
138 100
92 2.3 40.5 80.5#
108 6.9 69.2 109.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1568
Delta R.T. 0.030 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

Tgt Ion:188 Resp: 148920
Ion Ratio Lower Upper
188 100
94 7.2 7.4 11.0#
80 7.8 8.0 12.0#

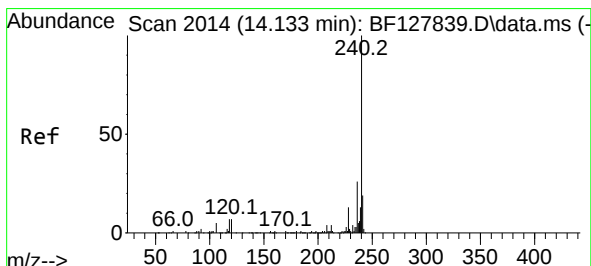
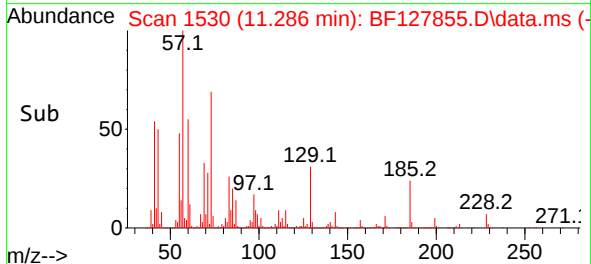
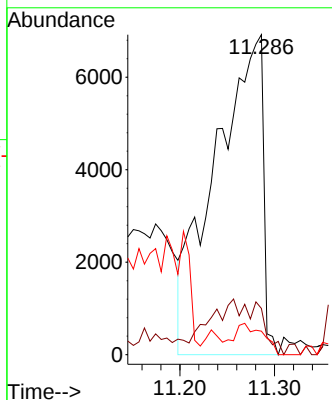
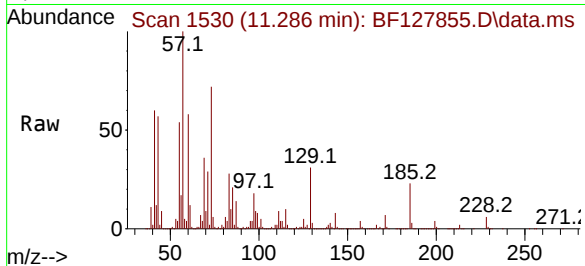




#69
 Atrazine
 Concen: 15.606 ng
 RT: 11.286 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: BF127855.D
 Acq: 19 Apr 2022 22:04

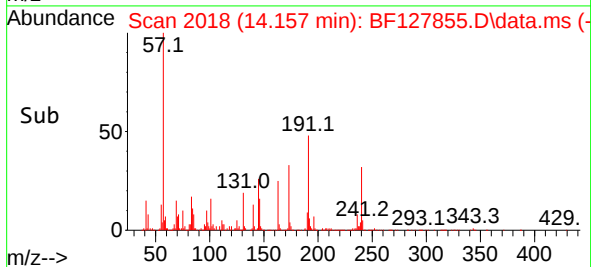
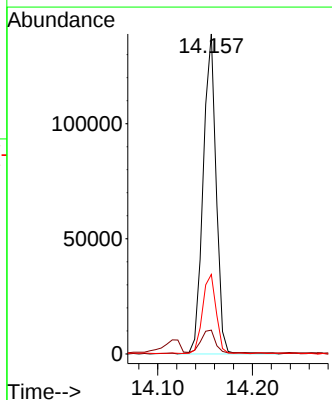
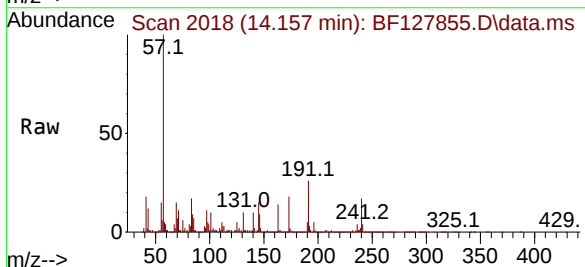
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

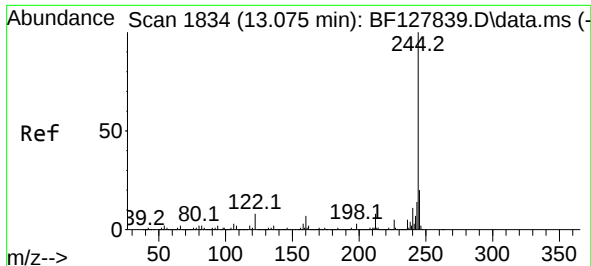
Tgt Ion:200 Resp: 24435
 Ion Ratio Lower Upper
 200 100
 173 14.4 2.9 42.9
 215 7.3 28.0 68.0#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.157 min Scan# 2018
 Delta R.T. 0.024 min
 Lab File: BF127855.D
 Acq: 19 Apr 2022 22:04

Tgt Ion:240 Resp: 132011
 Ion Ratio Lower Upper
 240 100
 120 7.4 7.1 10.7
 236 24.8 20.7 31.1

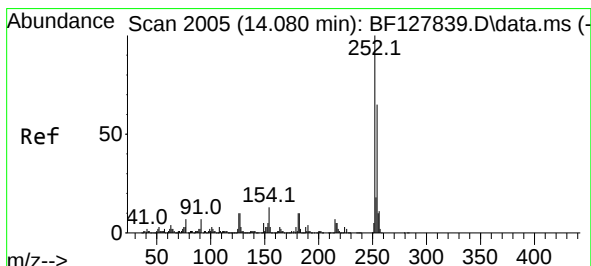
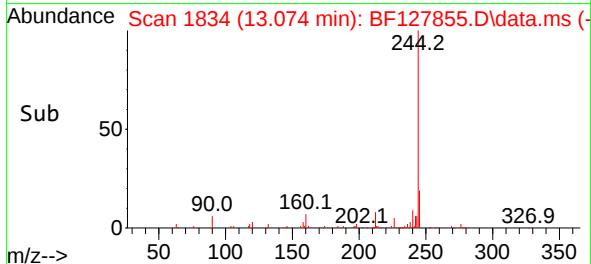
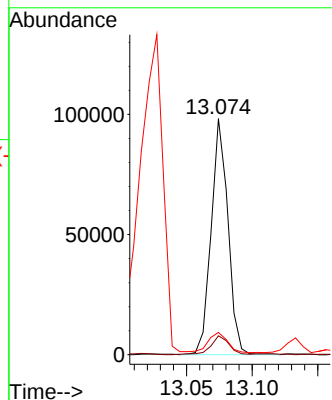
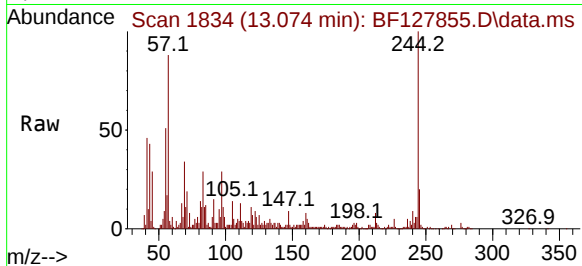




#79
 Terphenyl-d14
 Concen: 10.414 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BF127855.D
 Acq: 19 Apr 2022 22:04

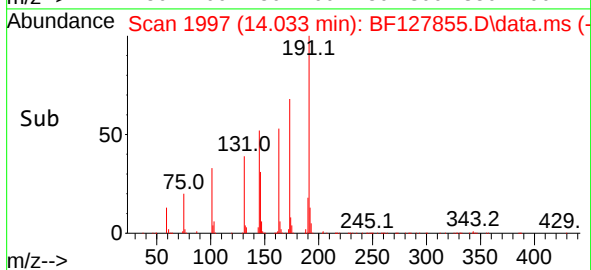
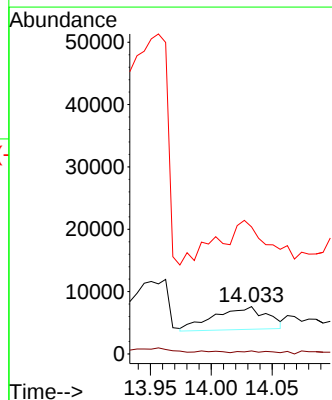
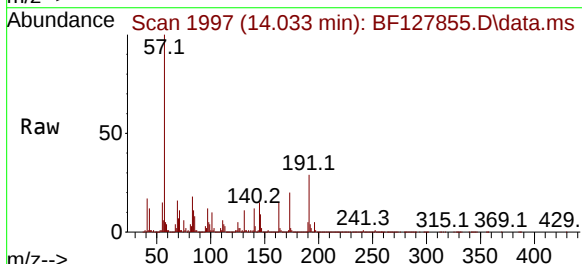
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

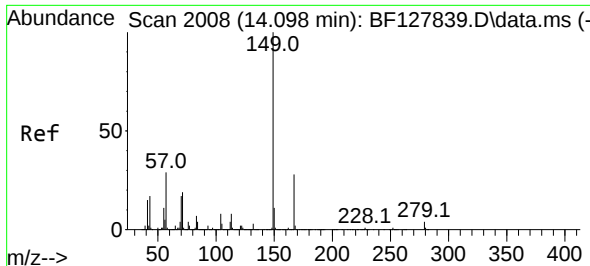
Tgt Ion:244 Resp: 87587
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 9.4 6.2 9.2#



#82
 3,3'-Dichlorobenzidine
 Concen: 3.868 ng
 RT: 14.033 min Scan# 1997
 Delta R.T. -0.047 min
 Lab File: BF127855.D
 Acq: 19 Apr 2022 22:04

Tgt Ion:252 Resp: 11016
 Ion Ratio Lower Upper
 252 100
 254 6.4 50.2 75.4#
 126 268.1 8.7 13.1#

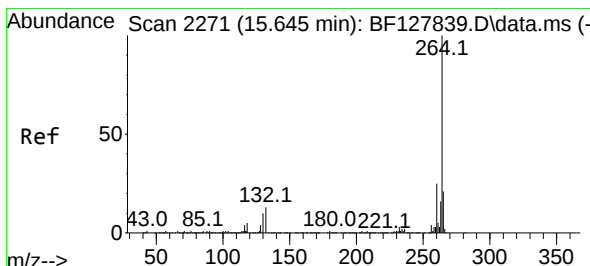
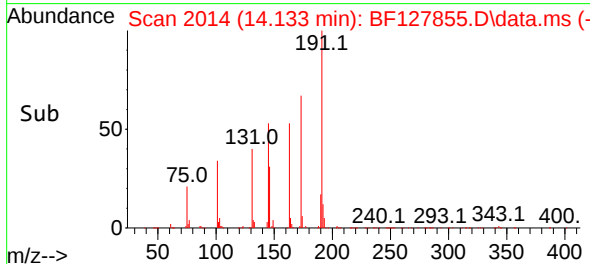
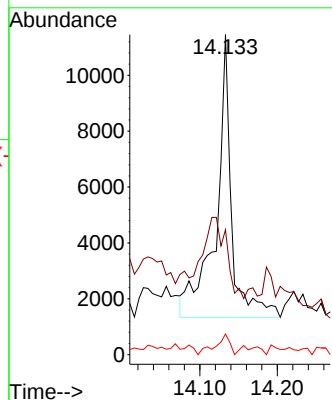
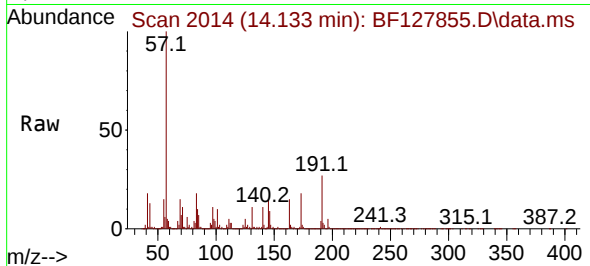




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.466 ng
RT: 14.133 min Scan# 20
Delta R.T. 0.035 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:149 Resp: 14063
Ion Ratio Lower Upper
149 100
167 39.1 22.9 34.3#
279 6.4 3.2 4.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. 0.023 min
Lab File: BF127855.D
Acq: 19 Apr 2022 22:04

Tgt Ion:264 Resp: 99788
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 23.0 17.4 26.2

