

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127955.D
 Acq On : 27 Apr 2022 19:56
 Operator : CG\JU
 Sample : N2482-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Apr 28 05:17:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

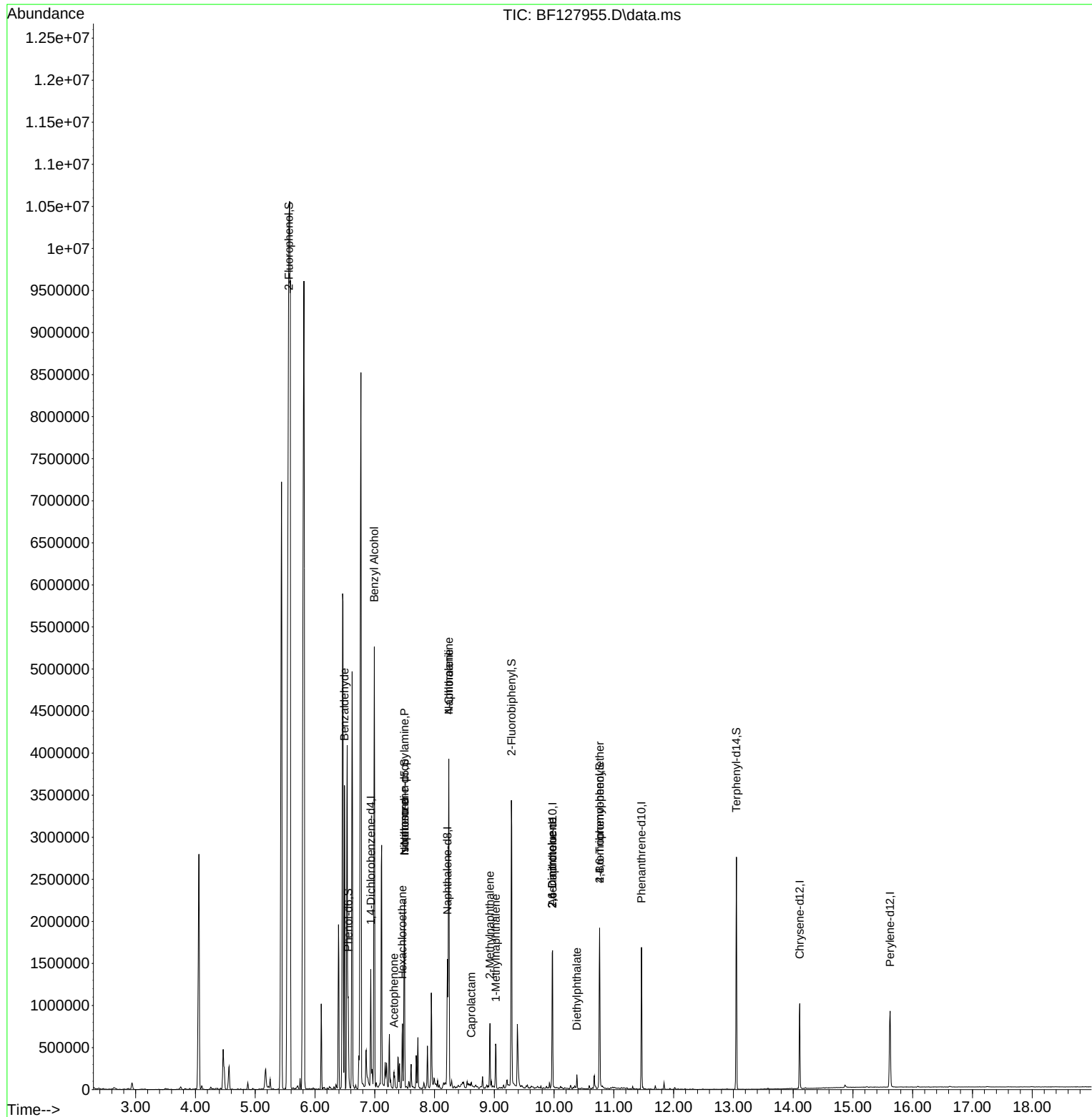
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	174557	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	672244	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	365760	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	581118	20.000	ng	0.00
76) Chrysene-d12	14.110	240	353931	20.000	ng	0.00
86) Perylene-d12	15.621	264	432584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	260499	23.770	ng	0.01
7) Phenol-d6	6.557	99	426602	29.999	ng	0.00
23) Nitrobenzene-d5	7.498	82	682976	47.775	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	211222	57.366	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1087496	50.300	ng	0.00
79) Terphenyl-d14	13.051	244	904567	46.734	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	151940	17.271	ng	# 1
15) Benzyl Alcohol	6.992	79	173368	17.928	ng	# 5
18) Hexachloroethane	7.463	117	43004	8.951	ng	# 1
19) n-Nitroso-di-n-propyla...	7.498	70	92326	10.606	ng	# 79
22) Acetophenone	7.322	105	85540	5.221	ng	# 60
25) Isophorone	7.498	82	679687	28.249	ng	# 68
31) Naphthalene	8.239	128	1632017	47.666	ng	99
33) 4-Chloroaniline	8.239	127	220765	16.296	ng	# 33
35) Caprolactam	8.616	113	7759	2.353	ng	97
37) 2-Methylnaphthalene	8.928	142	194322	8.588	ng	100
38) 1-Methylnaphthalene	9.028	142	118595	5.392	ng	100
51) 2,6-Dinitrotoluene	9.969	165	47854	9.010	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	47854	6.802	ng	# 26
60) Diethylphthalate	10.380	149	50091	2.082	ng	99
67) 4-Bromophenyl-phenylether	10.763	248	13618	2.114	ng	# 1

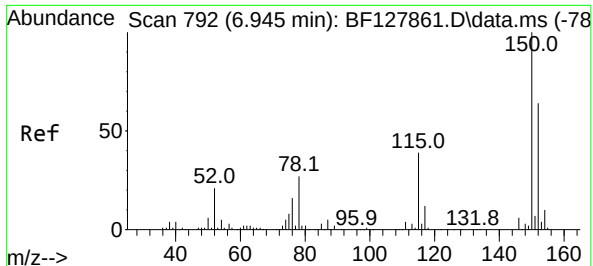
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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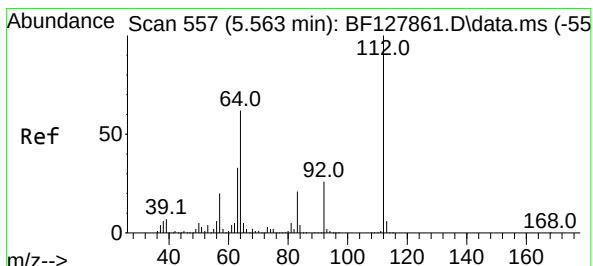
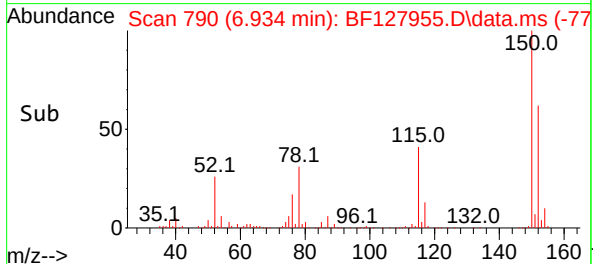
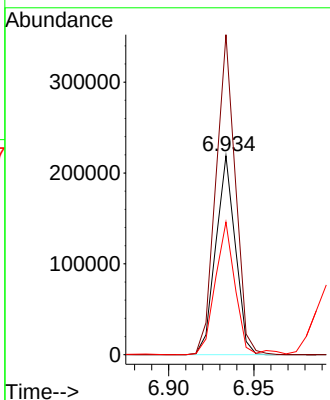
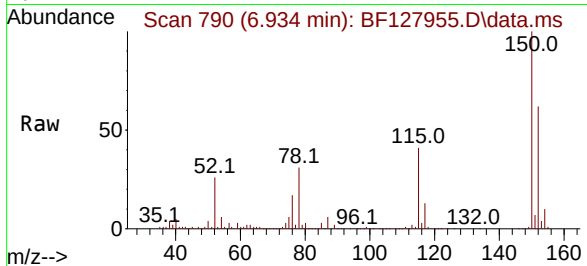




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

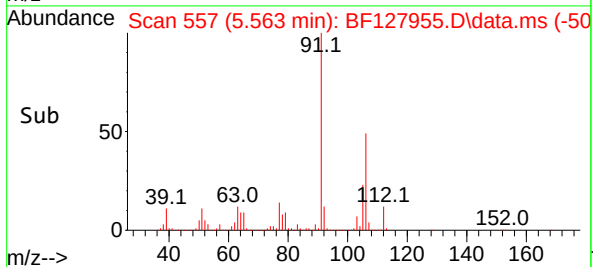
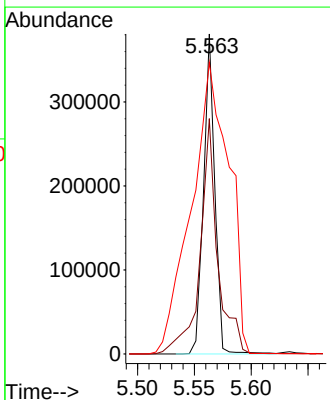
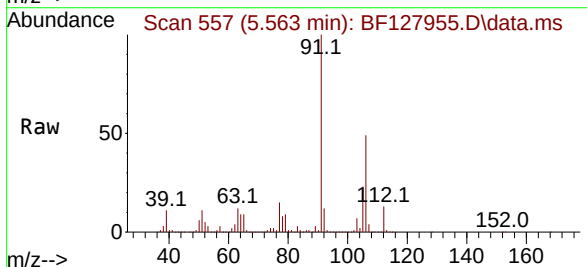
Instrument :
BNA_F
ClientSampleId :
MW-14

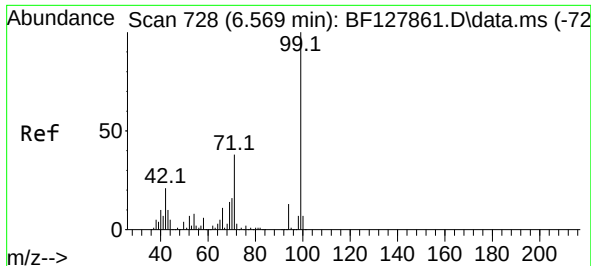
Tgt Ion:152 Resp: 174557
Ion Ratio Lower Upper
152 100
150 160.9 125.3 187.9
115 66.7 48.8 73.2



#5
2-Fluorophenol
Concen: 23.770 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.012 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

Tgt Ion:112 Resp: 260499
Ion Ratio Lower Upper
112 100
64 73.5 49.5 74.3
63 91.1 26.3 39.5

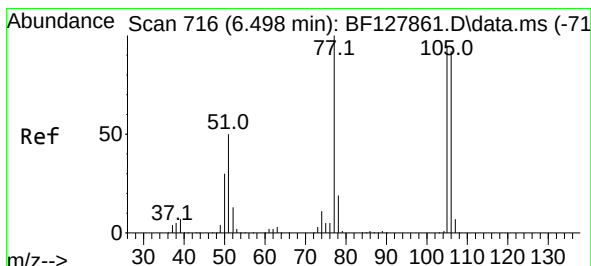
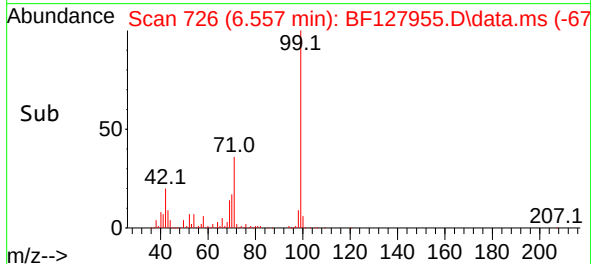
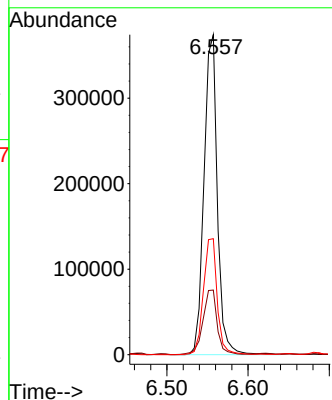
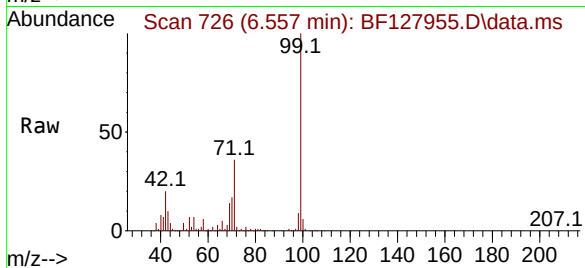




#7
Phenol-d6
Concen: 29.999 ng
RT: 6.557 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

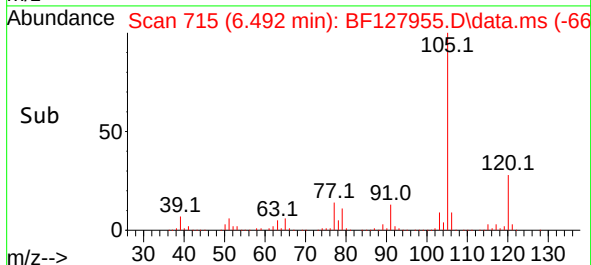
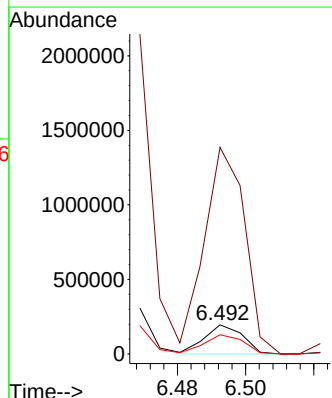
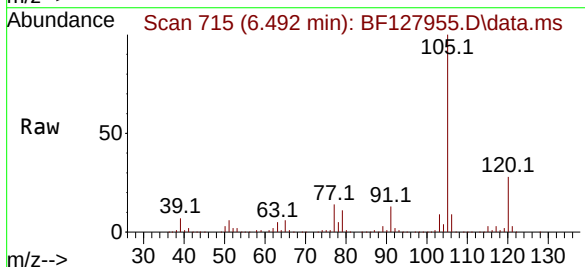
Instrument :
BNA_F
ClientSampleId :
MW-14

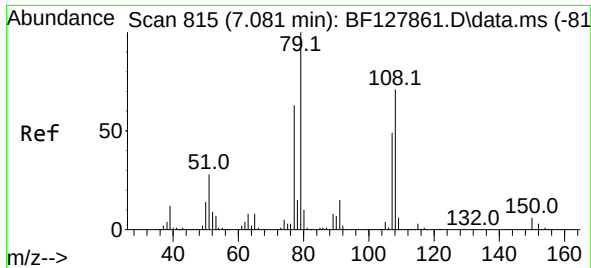
Tgt Ion: 99 Resp: 426602
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 36.3 30.0 45.0



#9
Benzaldehyde
Concen: 17.271 ng
RT: 6.492 min Scan# 715
Delta R.T. 0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

Tgt Ion: 77 Resp: 151940
Ion Ratio Lower Upper
77 100
105 707.5 74.9 114.9#
106 65.8 72.2 112.2#





#15

Benzyl Alcohol

Concen: 17.928 ng

RT: 6.992 min Scan# 80

Delta R.T. -0.082 min

Lab File: BF127955.D

Acq: 27 Apr 2022 19:56

Instrument :

BNA_F

ClientSampleId :

MW-14

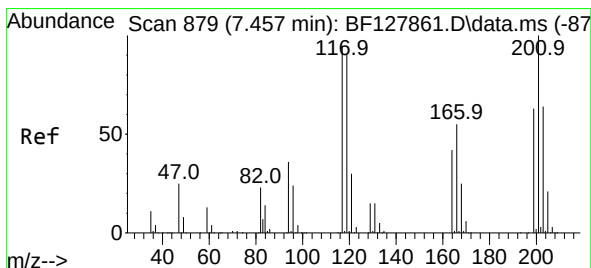
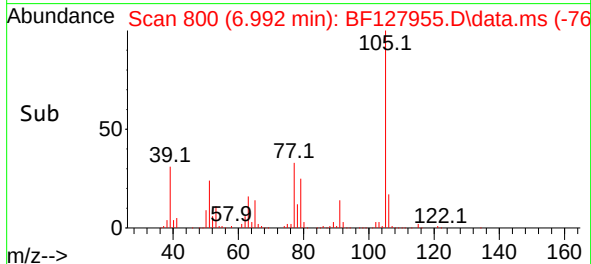
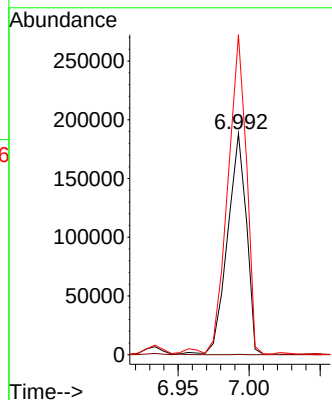
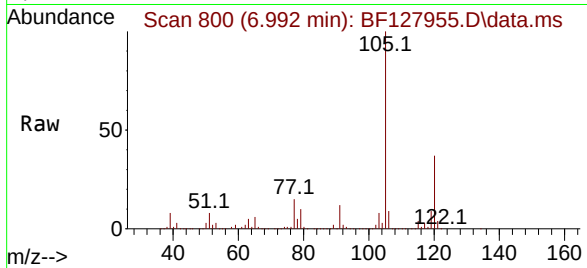
Tgt Ion: 79 Resp: 173368

Ion Ratio Lower Upper

79 100

108 0.1 57.0 85.6#

77 144.7 50.2 75.4#



#18

Hexachloroethane

Concen: 8.951 ng

RT: 7.463 min Scan# 880

Delta R.T. 0.018 min

Lab File: BF127955.D

Acq: 27 Apr 2022 19:56

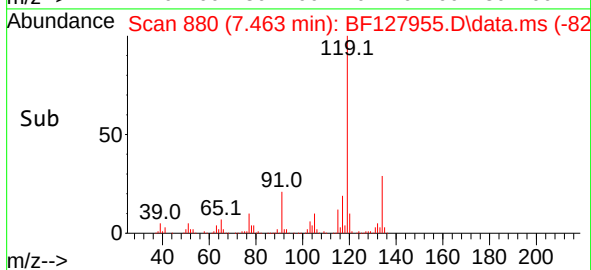
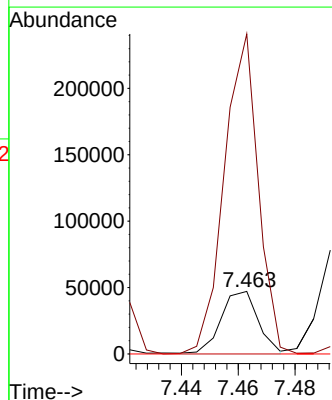
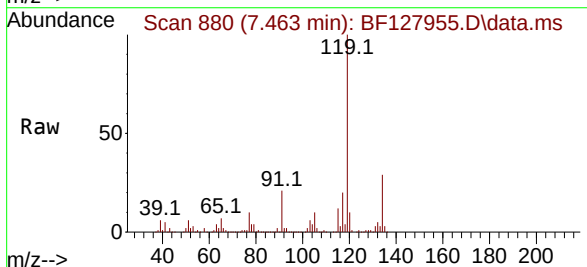
Tgt Ion: 117 Resp: 43004

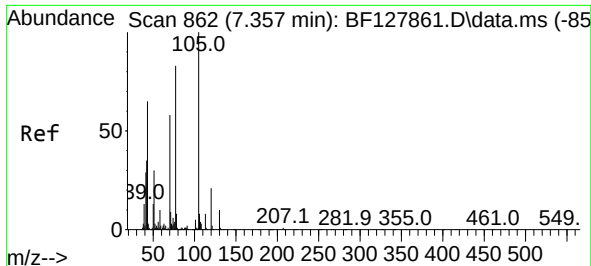
Ion Ratio Lower Upper

117 100

119 511.7 76.2 114.4#

201 0.0 84.4 126.6#

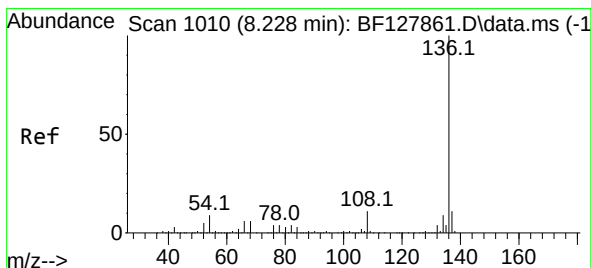
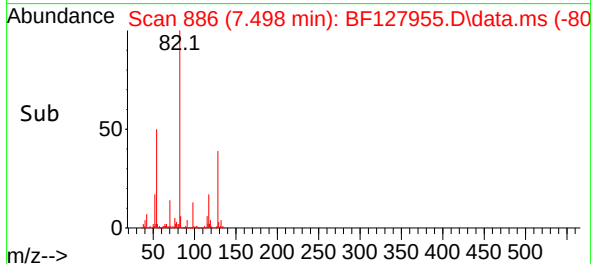
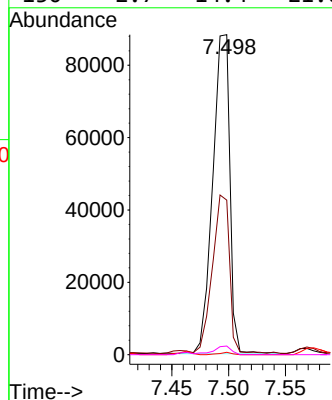
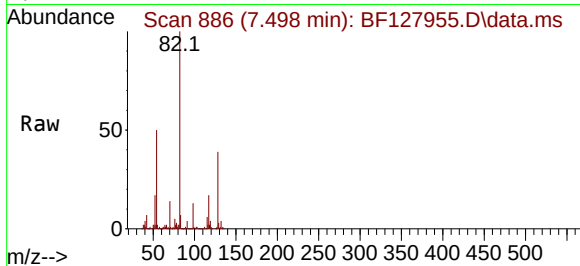




#19
n-Nitroso-di-n-propylamine
Concen: 10.606 ng
RT: 7.498 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

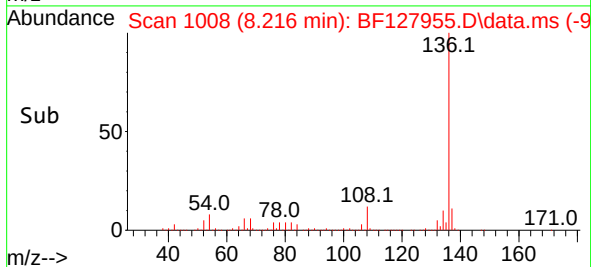
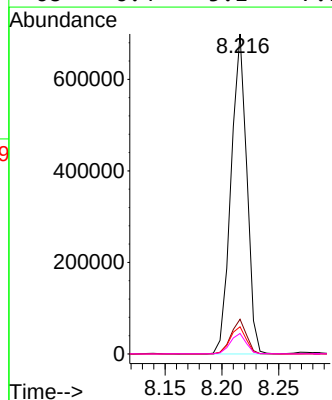
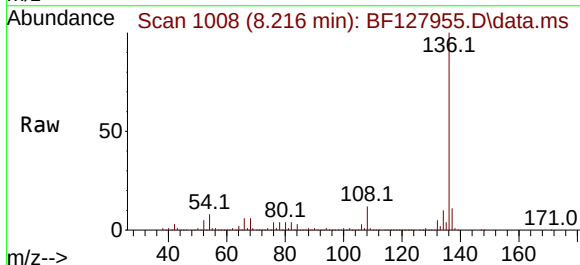
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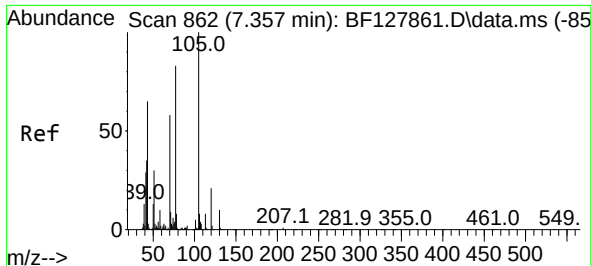
Tgt Ion:	70	Resp:	92326
Ion	Ratio	Lower	Upper
70	100		
42	48.3	48.7	73.1#
101	0.7	7.2	10.8#
130	2.7	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

Tgt Ion:	136	Resp:	672244
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.5	6.8	10.2
68	6.4	5.1	7.7

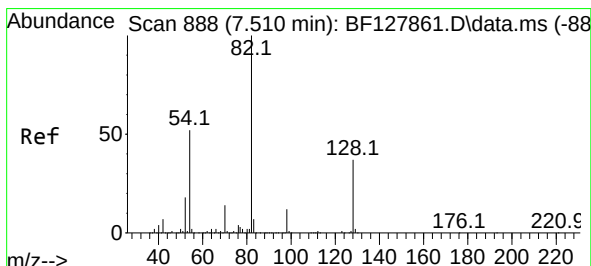
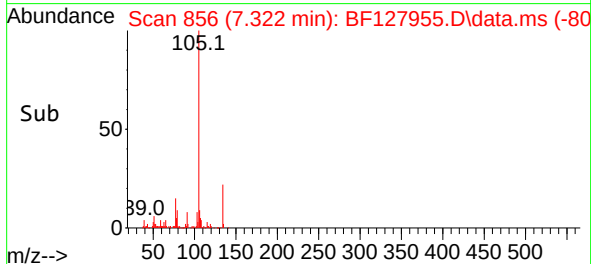
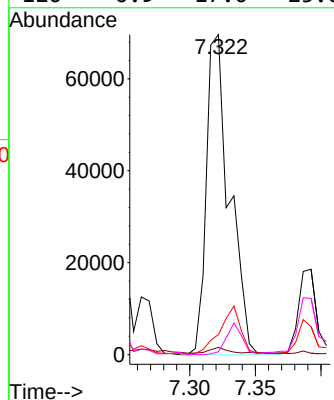
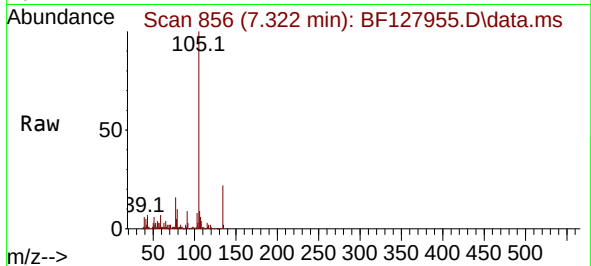




#22
Acetophenone
Concen: 5.221 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.023 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

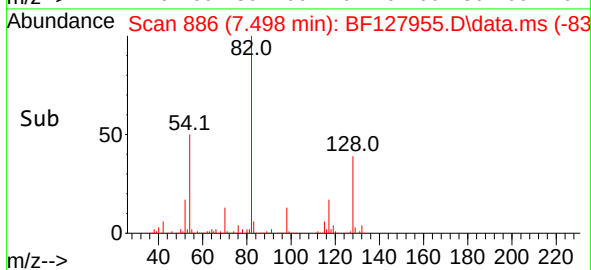
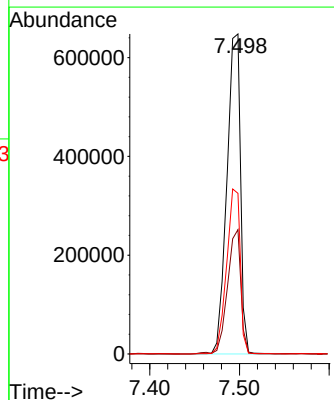
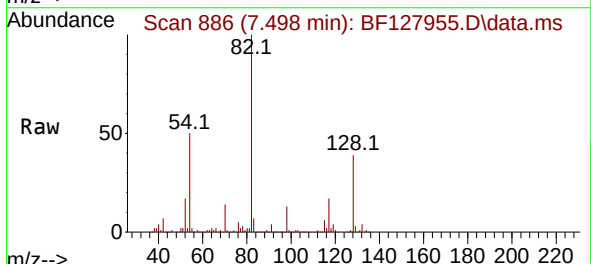
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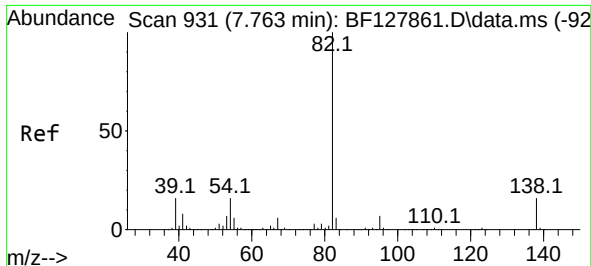
Tgt Ion:105 Resp: 85540
Ion Ratio Lower Upper
105 100
71 2.3 7.3 10.9#
51 6.3 23.7 35.5#
120 0.9 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 47.775 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

Tgt Ion: 82 Resp: 682976
Ion Ratio Lower Upper
82 100
128 38.8 30.0 45.0
54 50.2 41.3 61.9

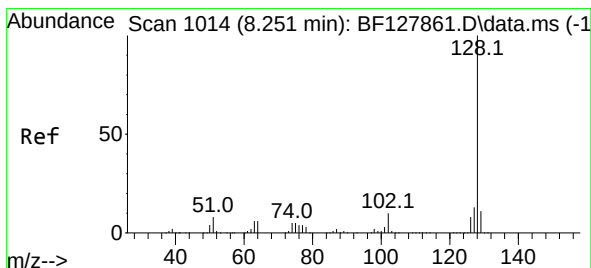
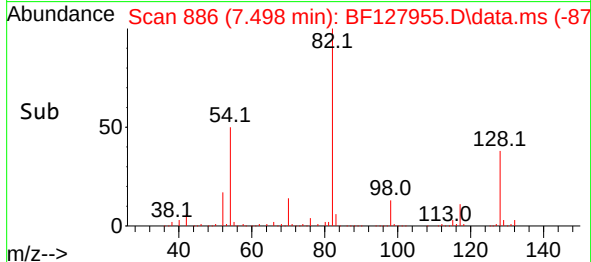
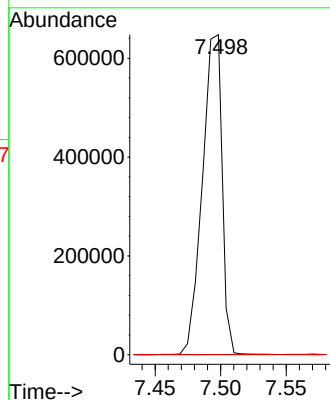
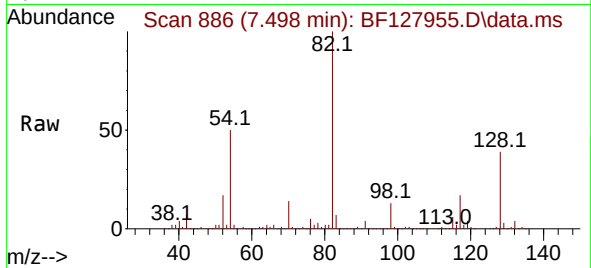




#25
Isophorone
Concen: 28.249 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

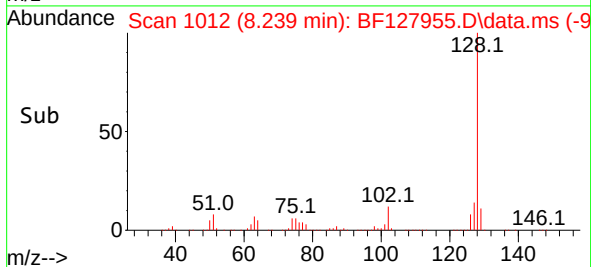
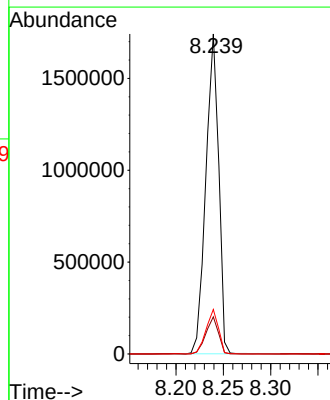
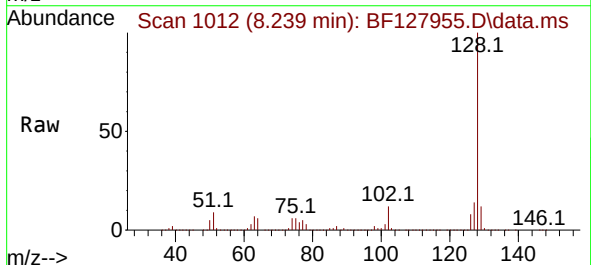
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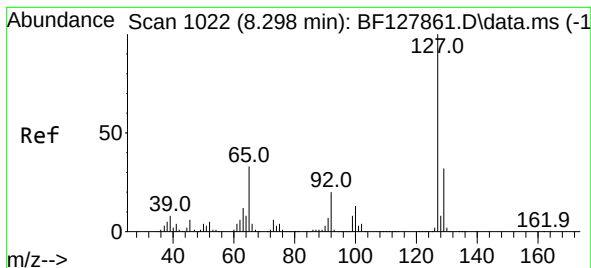
Tgt Ion: 82 Resp: 679687
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#31
Naphthalene
Concen: 47.666 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

Tgt Ion:128 Resp: 1632017
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.9 10.6 16.0





#33

4-Chloroaniline

Concen: 16.296 ng

RT: 8.239 min Scan# 1012

Delta R.T. -0.047 min

Lab File: BF127955.D

Acq: 27 Apr 2022 19:56

Instrument :

BNA_F

ClientSampleId :

MW-14

Tgt Ion:127 Resp: 220765

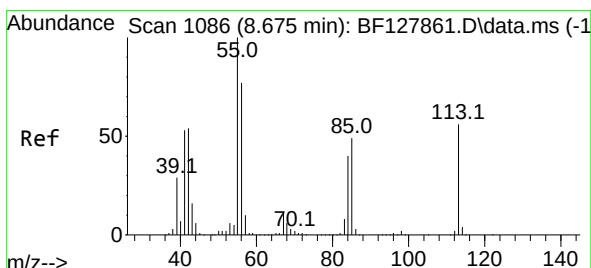
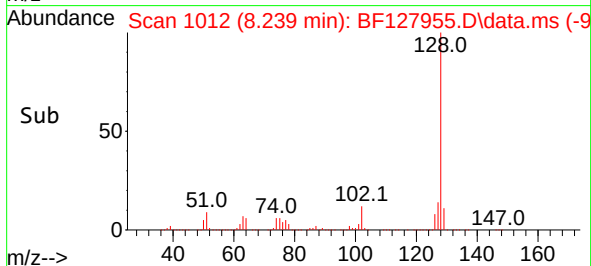
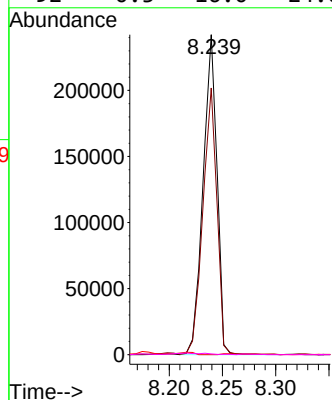
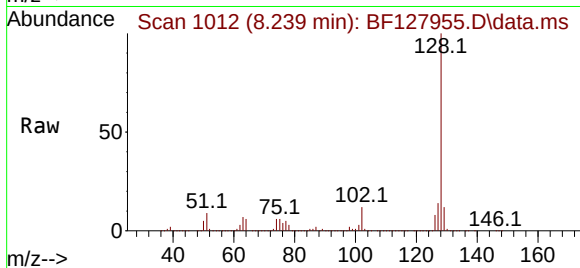
Ion Ratio Lower Upper

127 100

129 83.4 25.8 38.8#

65 0.0 26.7 40.1#

92 0.3 16.0 24.0#



#35

Caprolactam

Concen: 2.353 ng

RT: 8.616 min Scan# 1076

Delta R.T. -0.053 min

Lab File: BF127955.D

Acq: 27 Apr 2022 19:56

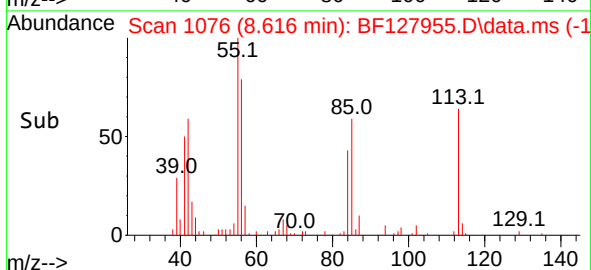
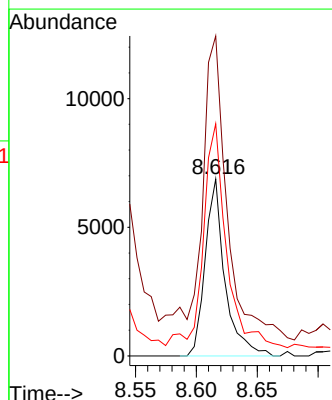
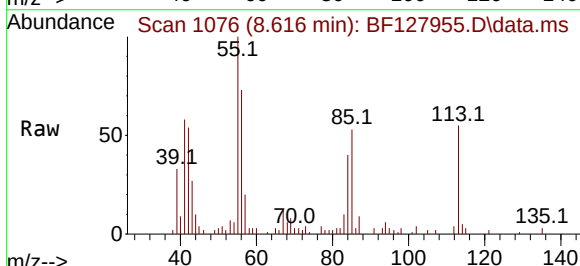
Tgt Ion:113 Resp: 7759

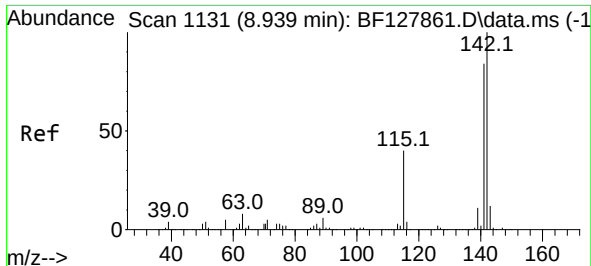
Ion Ratio Lower Upper

113 100

55 180.9 157.4 197.4

56 131.2 116.1 156.1





#37

2-Methylnaphthalene

Concen: 8.588 ng

RT: 8.928 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF127955.D

Acq: 27 Apr 2022 19:56

Instrument :

BNA_F

ClientSampleId :

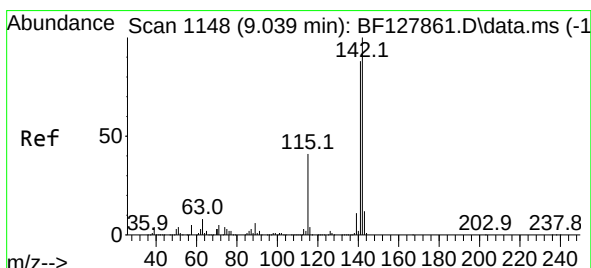
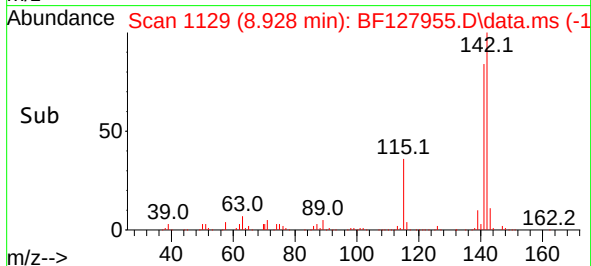
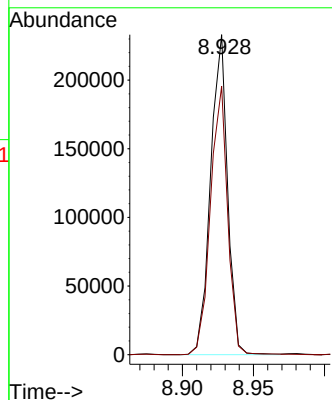
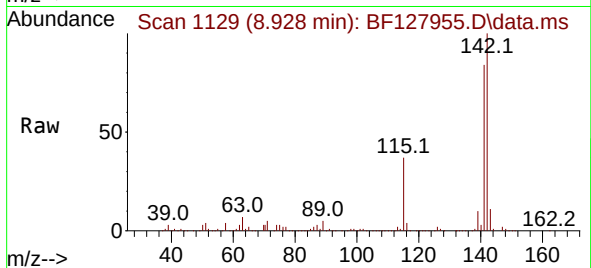
MW-14

Tgt Ion:142 Resp: 194322

Ion Ratio Lower Upper

142 100

141 83.9 67.4 101.2



#38

1-Methylnaphthalene

Concen: 5.392 ng

RT: 9.028 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF127955.D

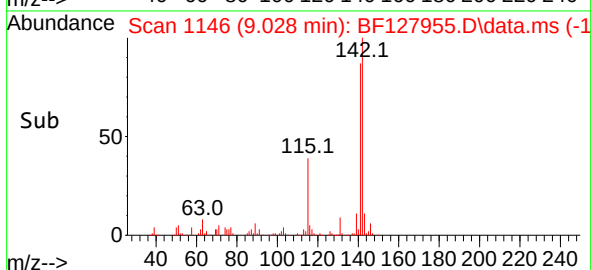
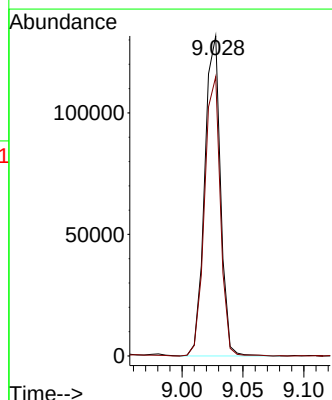
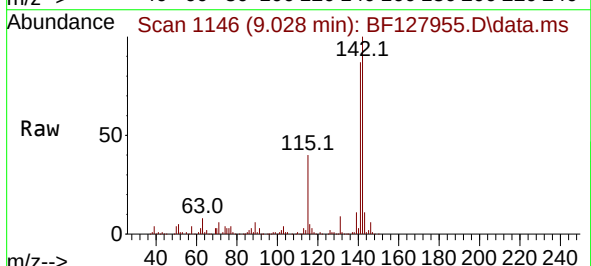
Acq: 27 Apr 2022 19:56

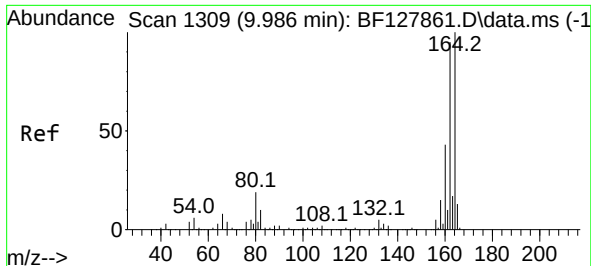
Tgt Ion:142 Resp: 118595

Ion Ratio Lower Upper

142 100

141 87.3 70.1 105.1

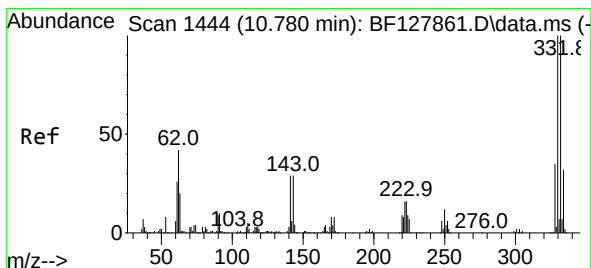
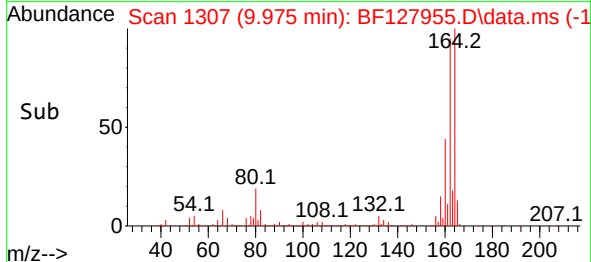
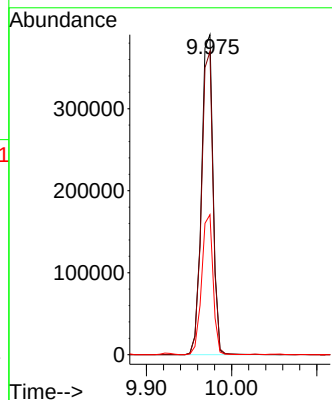
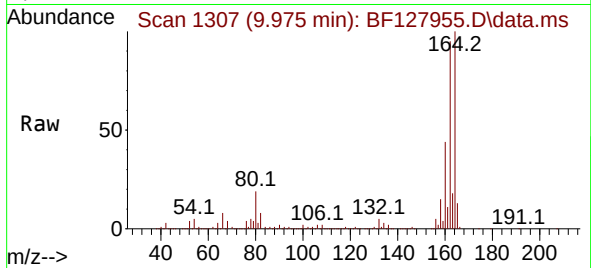




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

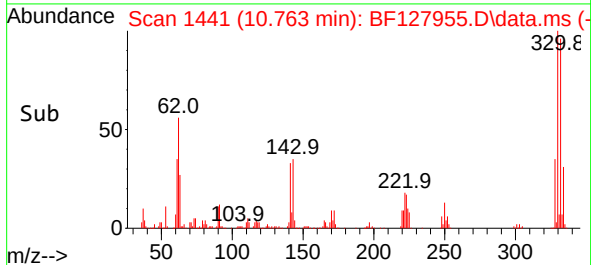
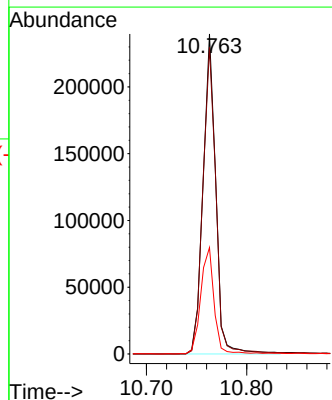
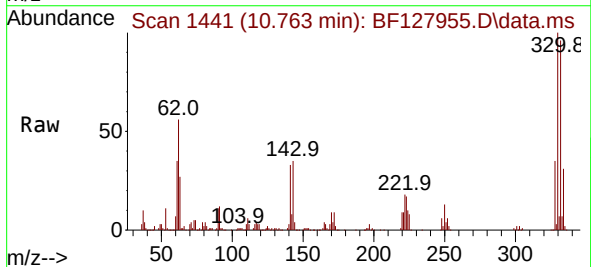
Instrument :
BNA_F
ClientSampleId :
MW-14

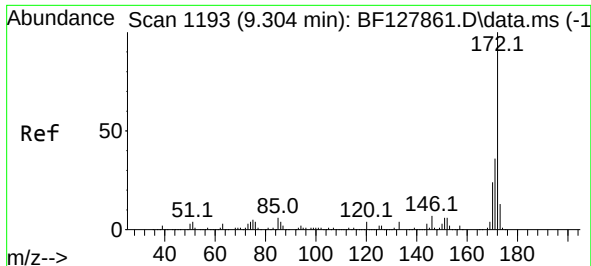
Tgt Ion:164 Resp: 365760
Ion Ratio Lower Upper
164 100
162 94.7 76.0 114.0
160 43.8 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 57.366 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

Tgt Ion:330 Resp: 211222
Ion Ratio Lower Upper
330 100
332 98.4 79.0 118.4
141 35.4 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 50.300 ng

RT: 9.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127955.D

Acq: 27 Apr 2022 19:56

Instrument :

BNA_F

ClientSampleId :

MW-14

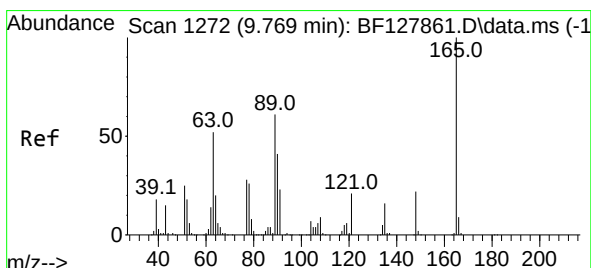
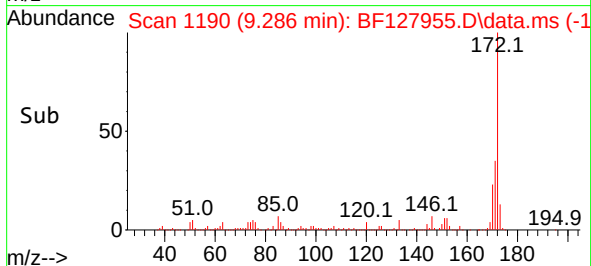
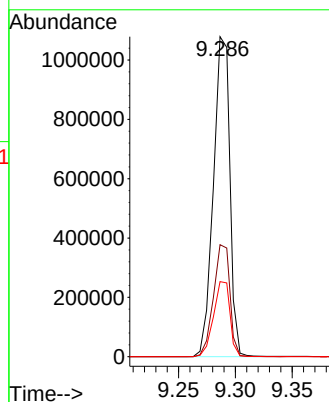
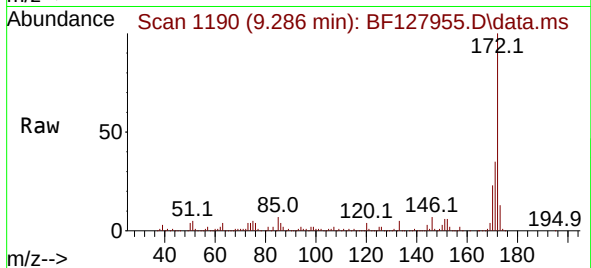
Tgt Ion:172 Resp: 1087496

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.5 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.010 ng

RT: 9.969 min Scan# 1306

Delta R.T. 0.206 min

Lab File: BF127955.D

Acq: 27 Apr 2022 19:56

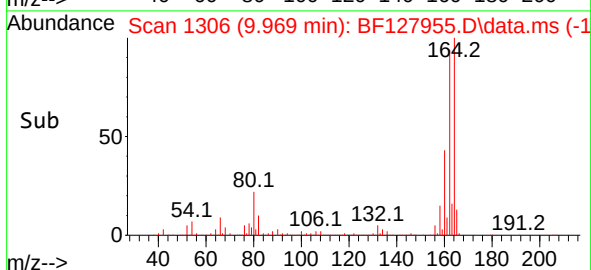
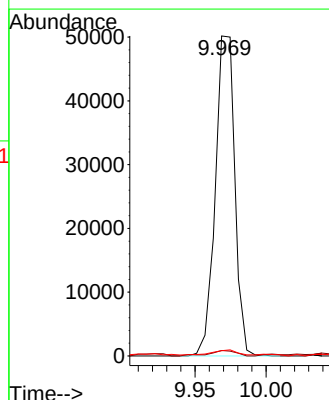
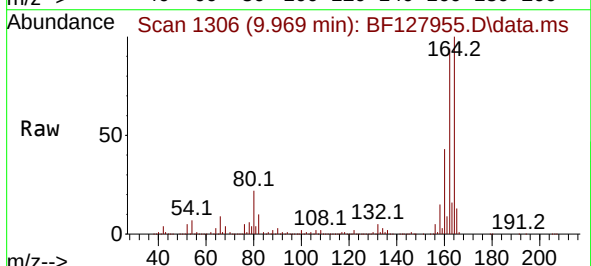
Tgt Ion:165 Resp: 47854

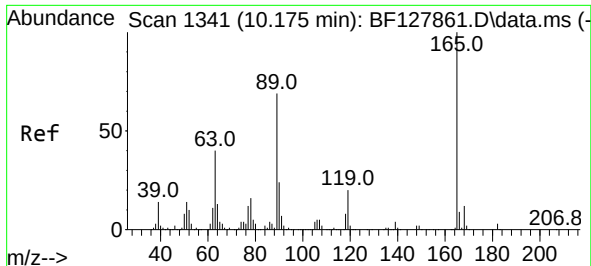
Ion Ratio Lower Upper

165 100

63 1.7 49.5 74.3#

89 1.6 49.0 73.4#

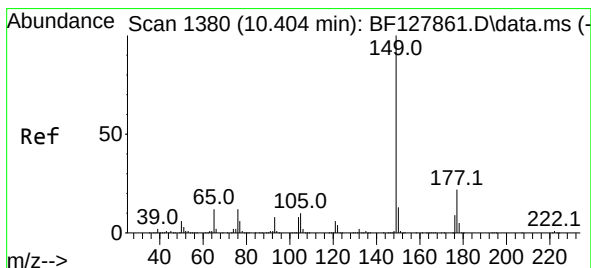
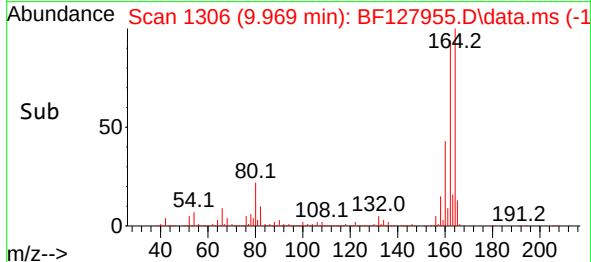
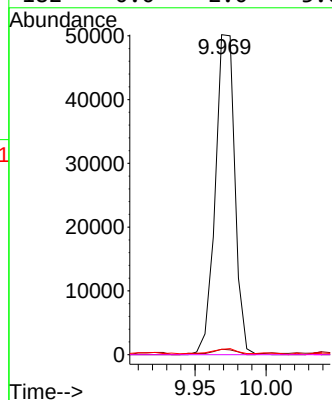
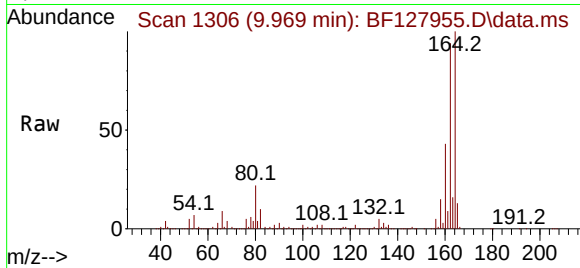




#57
2,4-Dinitrotoluene
Concen: 6.802 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

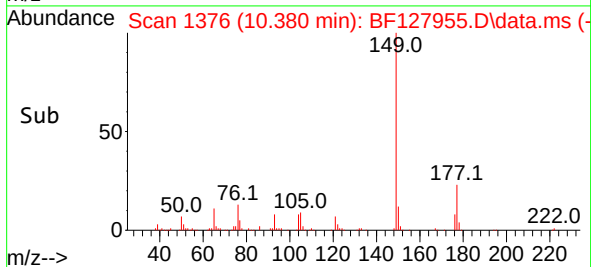
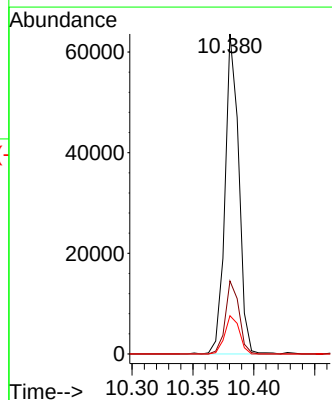
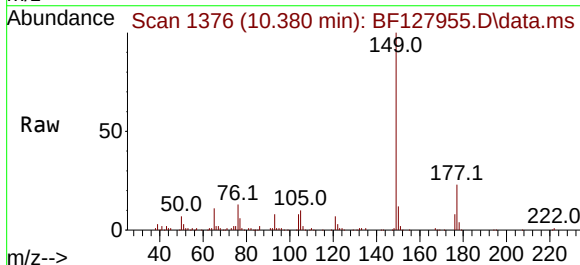
Instrument :
BNA_F
ClientSampleId :
MW-14

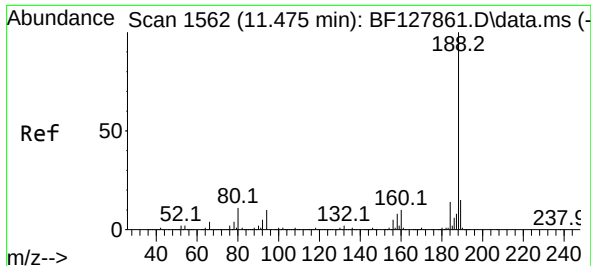
Tgt Ion:165 Resp: 47854
Ion Ratio Lower Upper
165 100
63 1.7 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#



#60
Diethylphthalate
Concen: 2.082 ng
RT: 10.380 min Scan# 1376
Delta R.T. -0.012 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

Tgt Ion:149 Resp: 50091
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.8
150 11.9 10.2 15.2

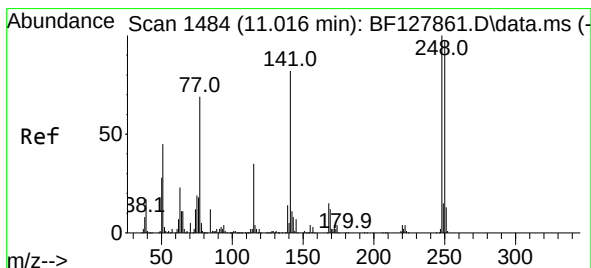
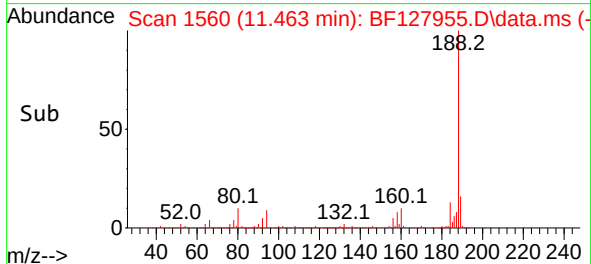
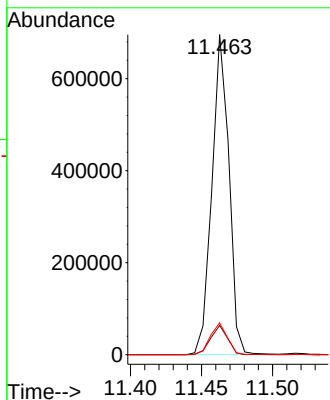
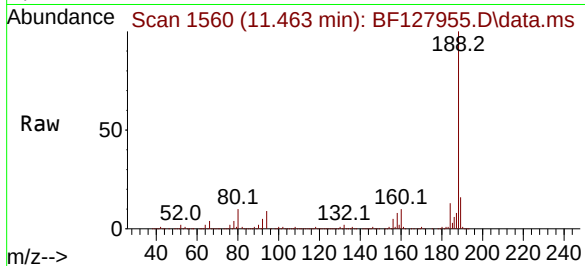




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

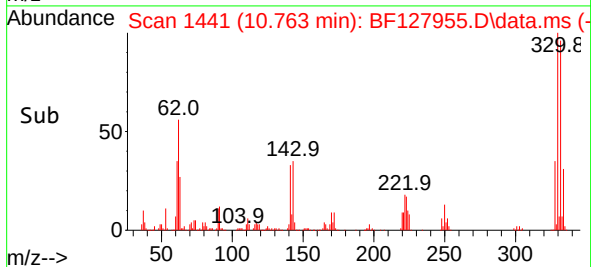
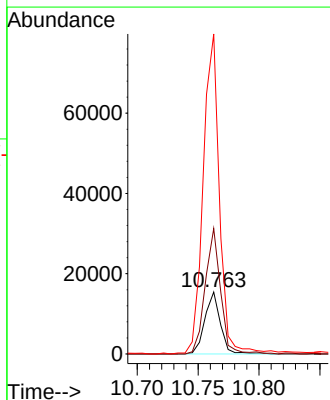
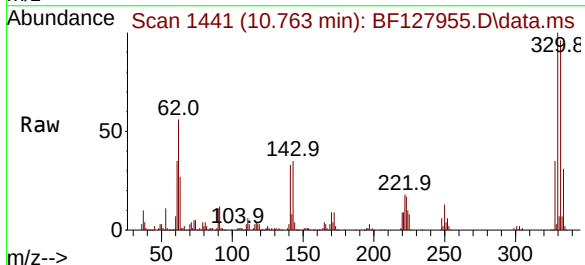
Instrument :
BNA_F
ClientSampleId :
MW-14

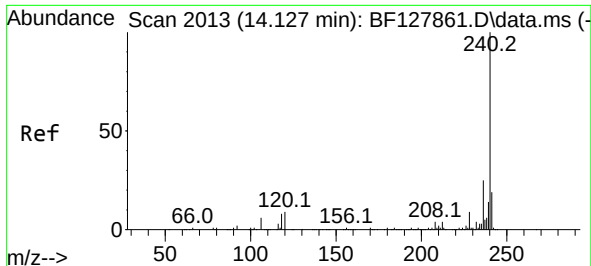
Tgt Ion:188 Resp: 581118
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.114 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

Tgt Ion:248 Resp: 13618
Ion Ratio Lower Upper
248 100
250 202.8 77.7 116.5#
141 516.9 65.6 98.4#

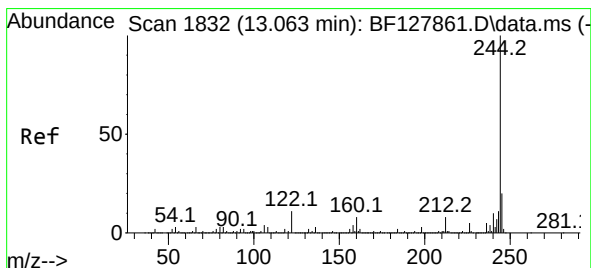
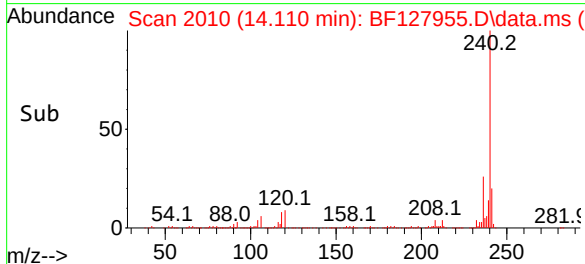
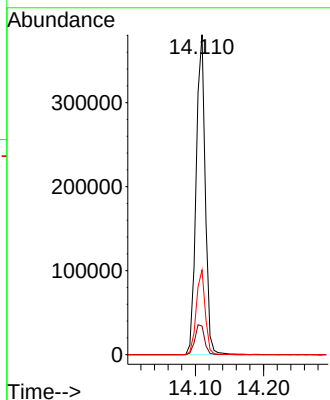
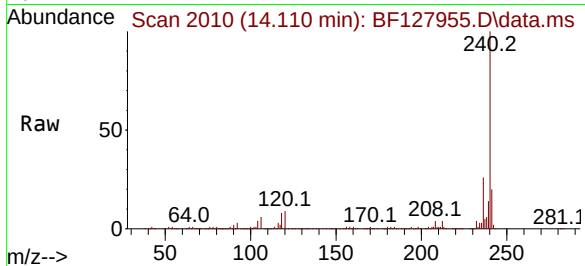




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

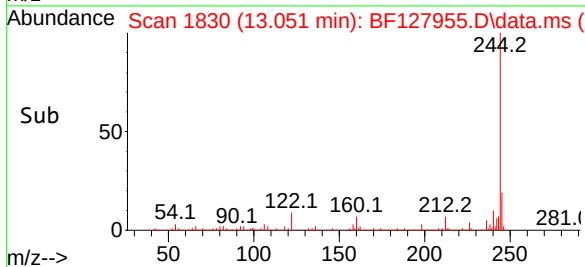
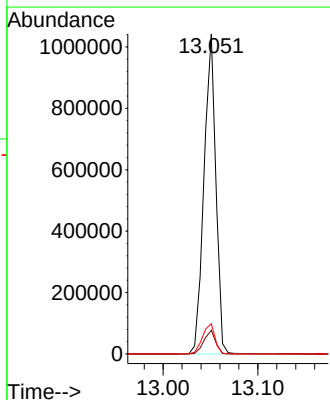
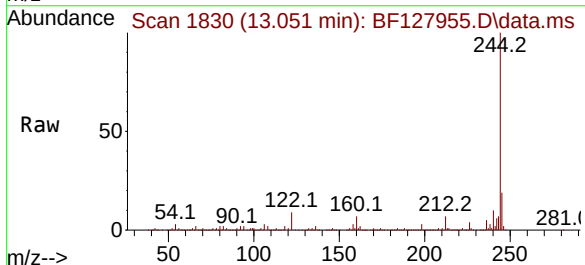
Instrument :
BNA_F
ClientSampleId :
MW-14

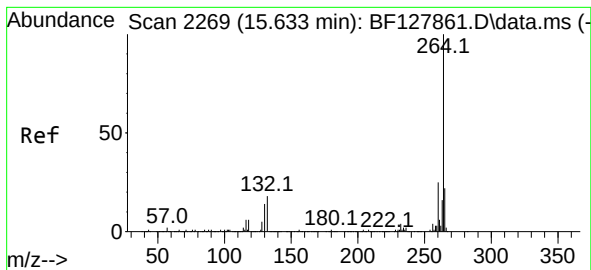
Tgt Ion:240 Resp: 353931
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 26.5 20.3 30.5



#79
Terphenyl-d14
Concen: 46.734 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

Tgt Ion:244 Resp: 904567
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 9.5 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127955.D

Acq: 27 Apr 2022 19:56

Instrument :

BNA_F

ClientSampleId :

MW-14

Tgt Ion:264 Resp: 432584

Ion Ratio Lower Upper

264 100

260 23.6 20.1 30.1

265 21.6 17.5 26.3

