

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127147.D
 Acq On : 02 Mar 2022 15:12
 Operator : CG\JU
 Sample : N1725-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Mar 03 00:56:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

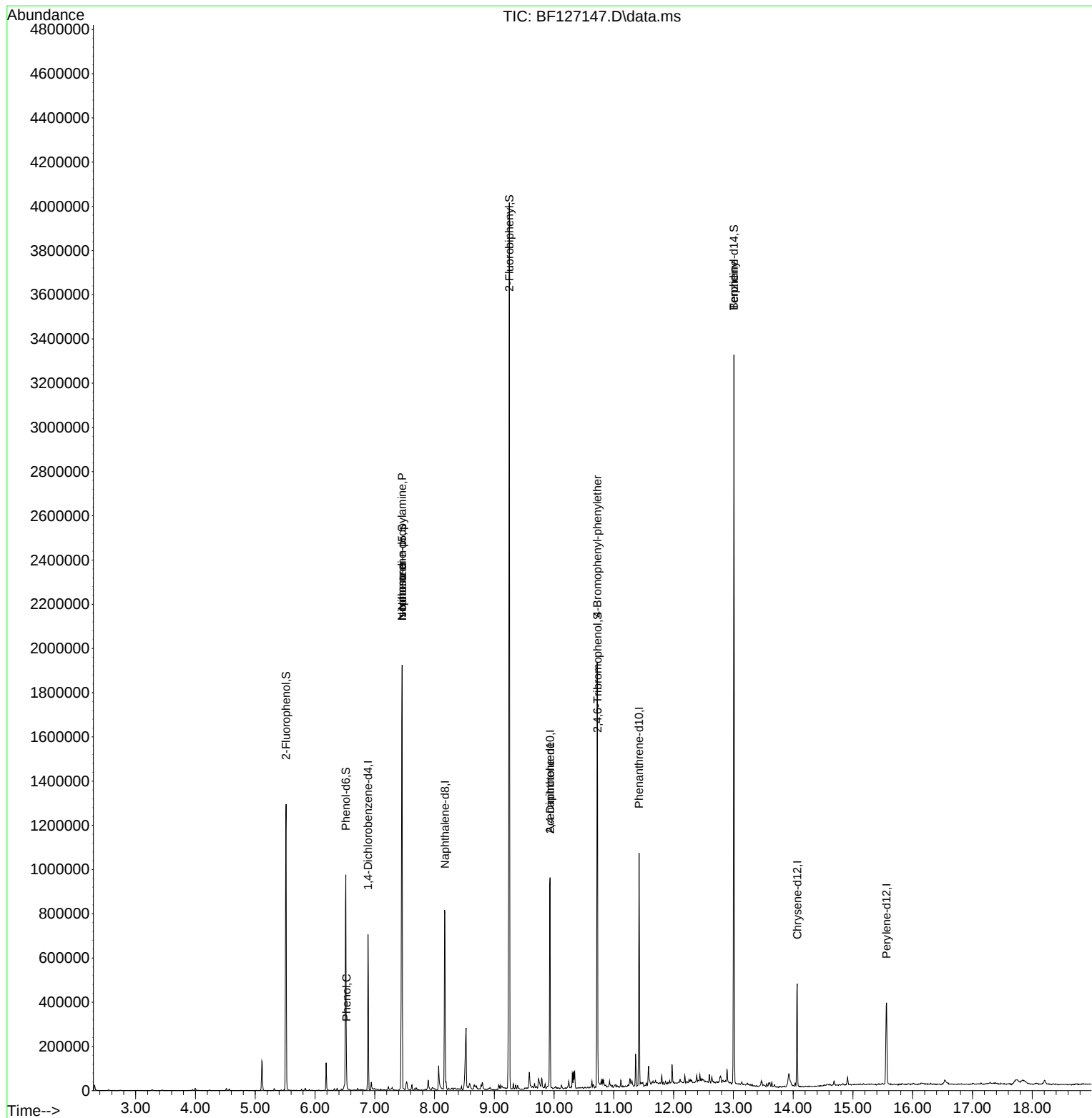
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	90950	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	365871	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	188330	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	329047	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	151133	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	162790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	315499	53.615	ng	0.00
7) Phenol-d6	6.516	99	287654	36.227	ng	0.00
23) Nitrobenzene-d5	7.457	82	666926	82.278	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	211942	97.743	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1099255	85.928	ng	0.00
79) Terphenyl-d14	13.010	244	999150	97.185	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.528	94	18343	2.286	ng	81
19) n-Nitroso-di-n-propyla...	7.457	70	90090	17.608	ng	# 78
25) Isophorone	7.457	82	665004	49.580	ng	# 69
57) 2,4-Dinitrotoluene	9.933	165	24355	6.577	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	12804	3.483	ng	# 1
77) Benzidine	13.010	184	14837	3.612	ng	# 94

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

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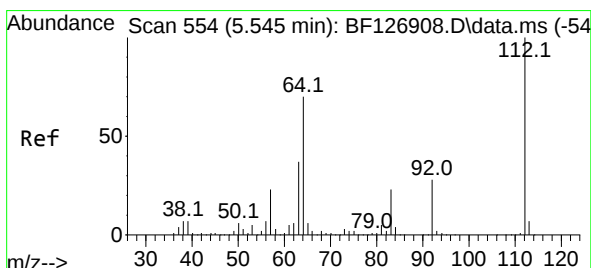
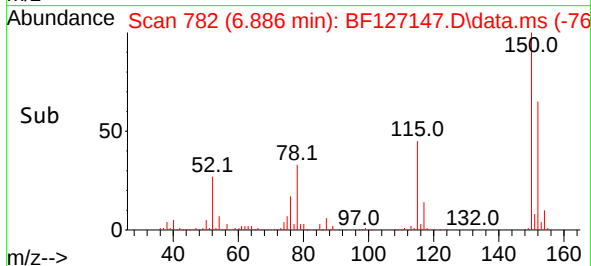
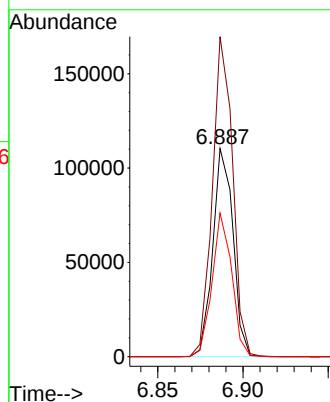
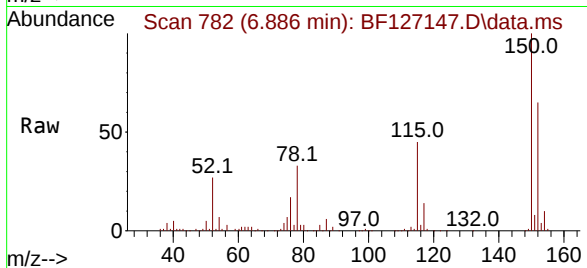




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127147.D
Acq: 02 Mar 2022 15:12

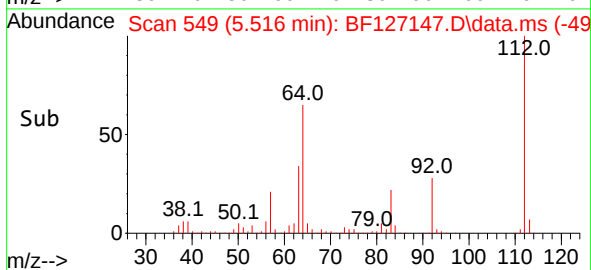
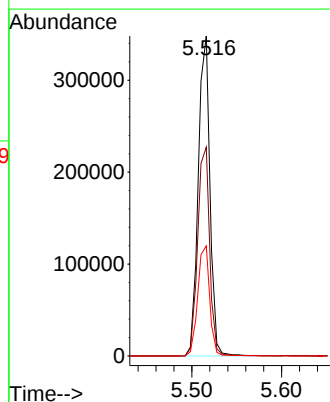
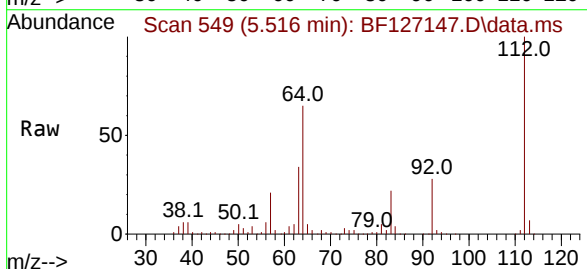
Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:152 Resp: 90950
Ion Ratio Lower Upper
152 100
150 153.8 128.1 192.1
115 69.1 56.7 85.1



#5
2-Fluorophenol
Concen: 53.615 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF127147.D
Acq: 02 Mar 2022 15:12

Tgt Ion:112 Resp: 315499
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 34.4 23.9 35.9

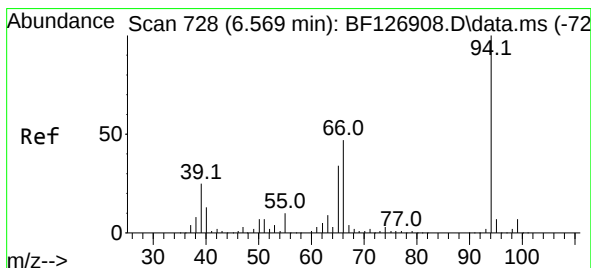
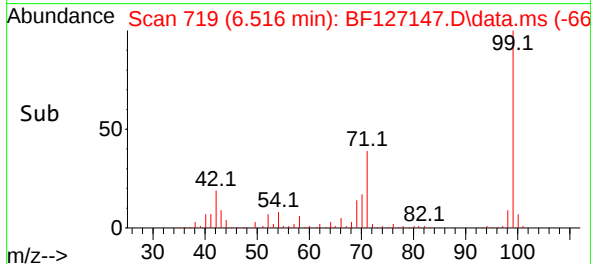
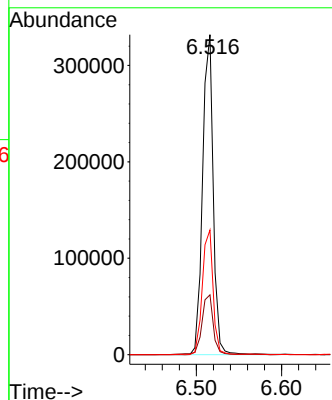
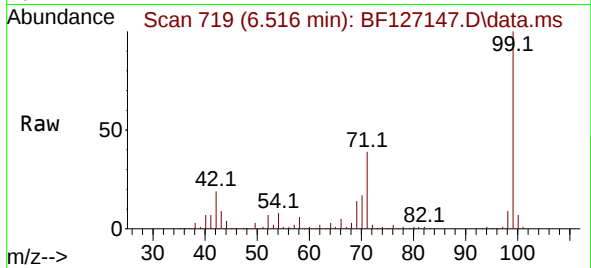




#7
Phenol-d6
Concen: 36.227 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127147.D
Acq: 02 Mar 2022 15:12

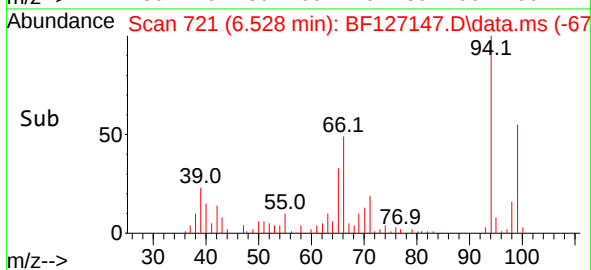
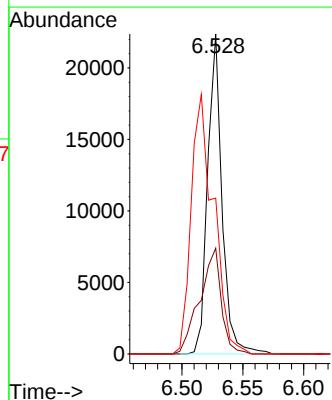
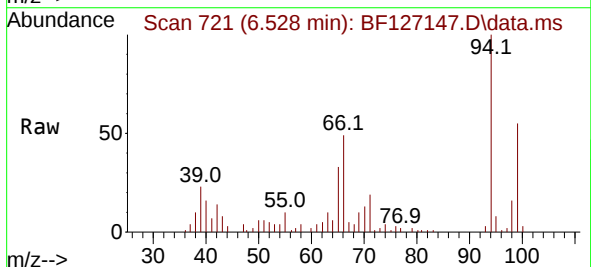
Instrument :
BNA_F
ClientSampleId :
MW-01

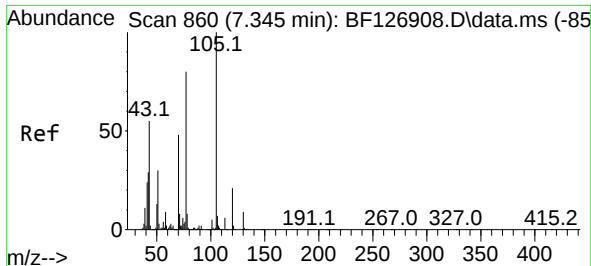
Tgt Ion: 99 Resp: 287654
Ion Ratio Lower Upper
99 100
42 18.7 14.2 21.4
71 39.0 24.3 36.5#



#10
Phenol
Concen: 2.286 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.012 min
Lab File: BF127147.D
Acq: 02 Mar 2022 15:12

Tgt Ion: 94 Resp: 18343
Ion Ratio Lower Upper
94 100
65 33.1 7.2 47.2
66 48.7 14.5 54.5

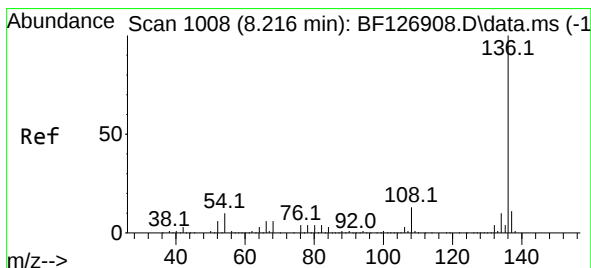
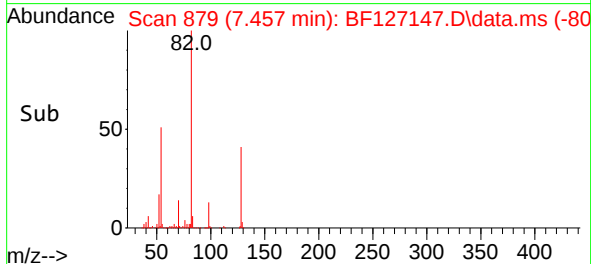
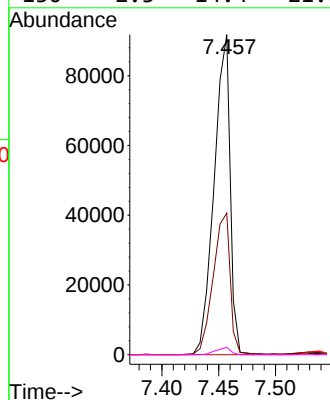
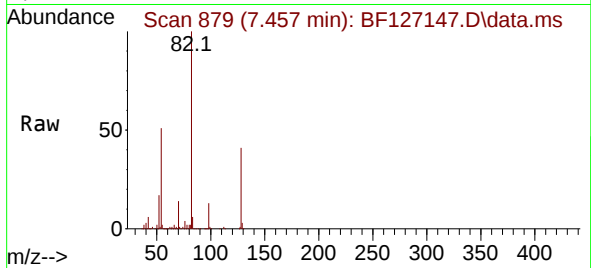




#19
n-Nitroso-di-n-propylamine
Concen: 17.608 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127147.D
Acq: 02 Mar 2022 15:12

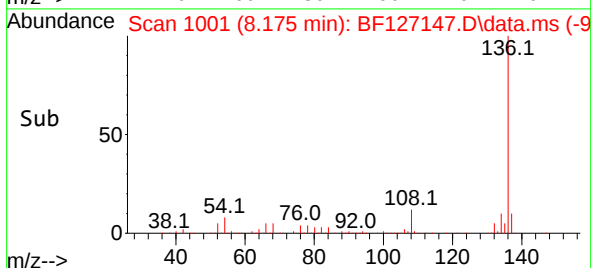
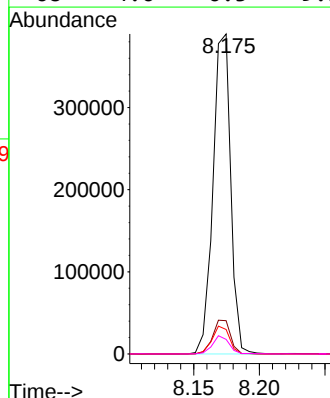
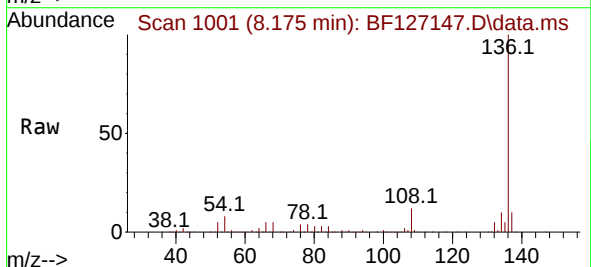
Instrument :
BNA_F
ClientSampleId :
MW-01

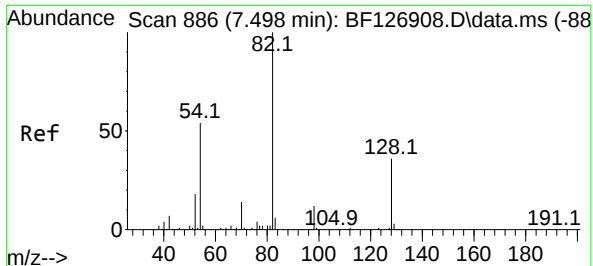
Tgt Ion:	70	Resp:	90090
Ion	Ratio	Lower	Upper
70	100		
42	44.2	45.8	68.8#
101	0.0	6.9	10.3#
130	2.3	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127147.D
Acq: 02 Mar 2022 15:12

Tgt Ion:	136	Resp:	365871
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	7.6	7.8	11.6#
68	4.6	6.3	9.5#





#23

Nitrobenzene-d5

Concen: 82.278 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127147.D

Acq: 02 Mar 2022 15:12

Instrument :

BNA_F

ClientSampleId :

MW-01

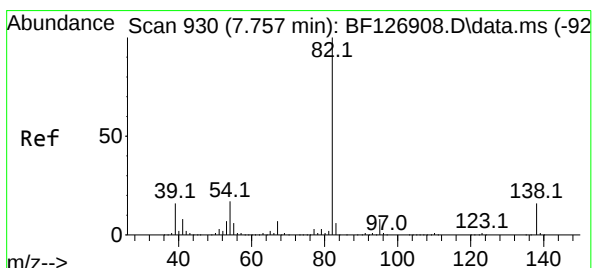
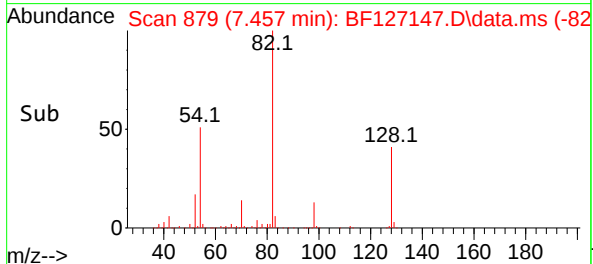
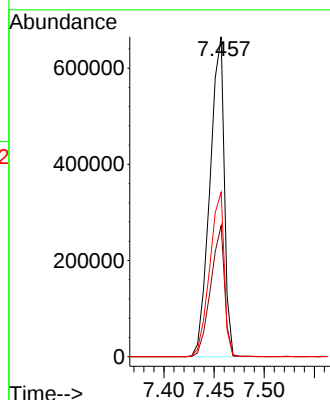
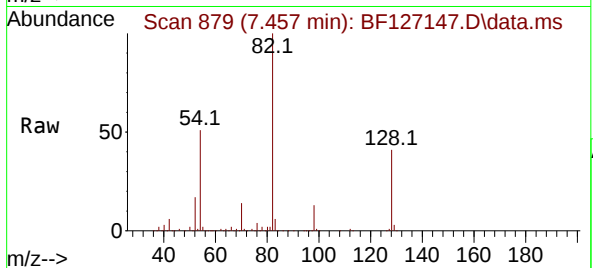
Tgt Ion: 82 Resp: 666926

Ion Ratio Lower Upper

82 100

128 41.0 32.7 49.1

54 51.4 41.7 62.5



#25

Isophorone

Concen: 49.580 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.259 min

Lab File: BF127147.D

Acq: 02 Mar 2022 15:12

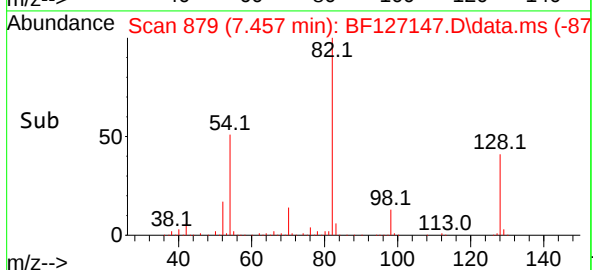
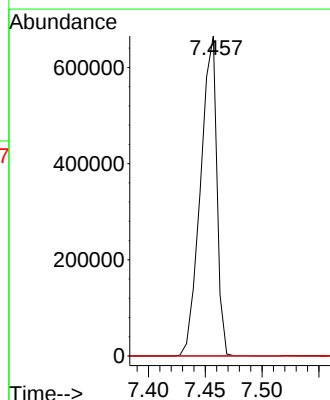
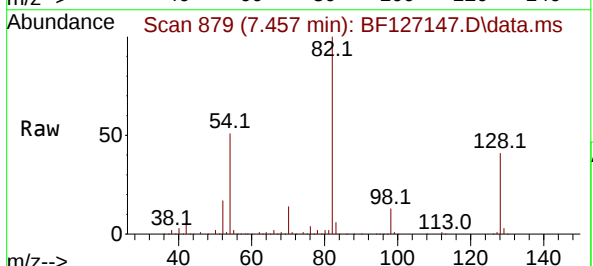
Tgt Ion: 82 Resp: 665004

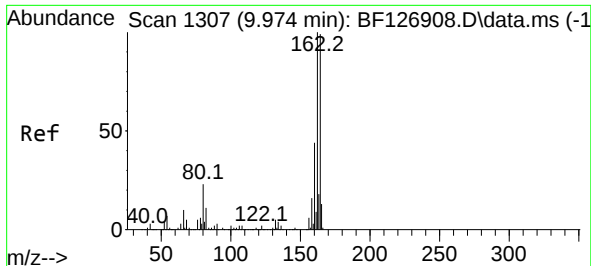
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

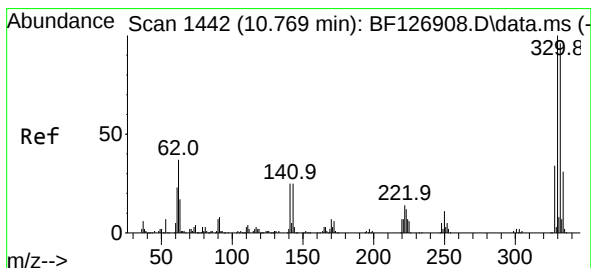
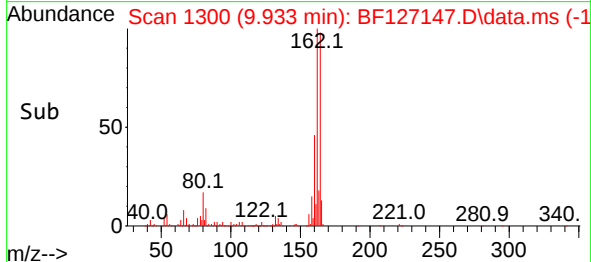
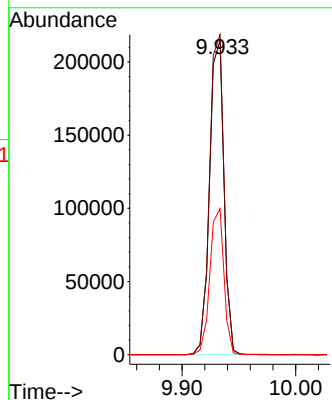
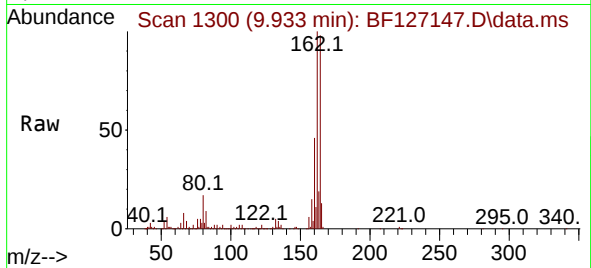




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127147.D
Acq: 02 Mar 2022 15:12

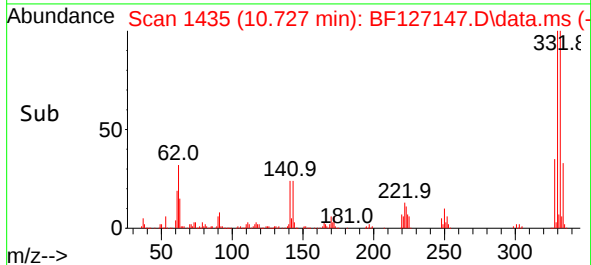
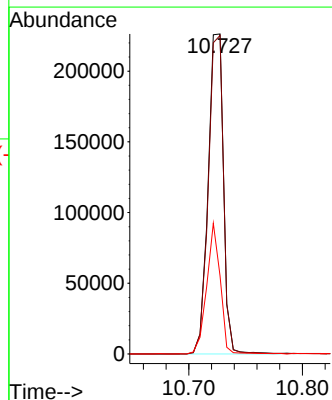
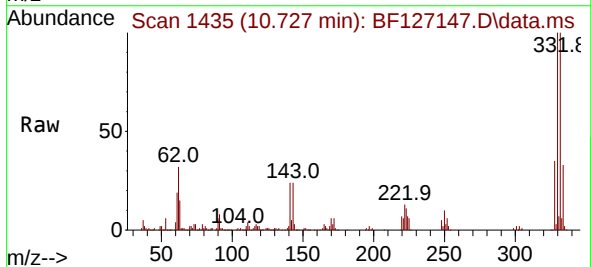
Instrument :
BNA_F
ClientSampleId :
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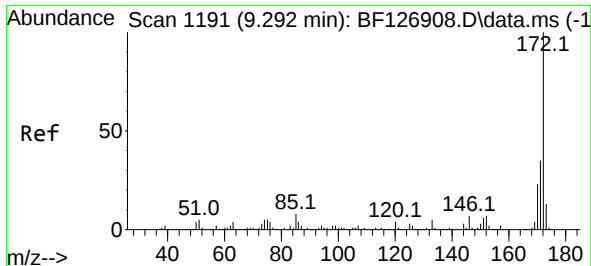
Tgt Ion:164 Resp: 188330
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 46.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 97.743 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127147.D
Acq: 02 Mar 2022 15:12

Tgt Ion:330 Resp: 211942
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 36.1 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 85.928 ng

RT: 9.251 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF127147.D

Acq: 02 Mar 2022 15:12

Instrument :

BNA_F

ClientSampleId :

MW-01

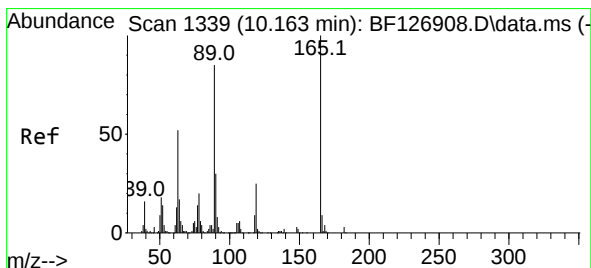
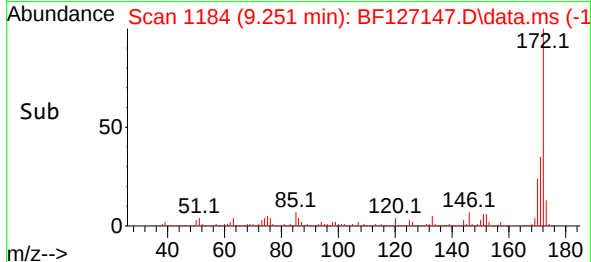
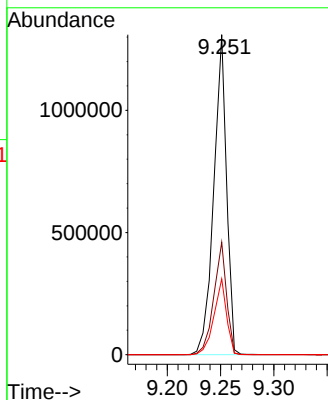
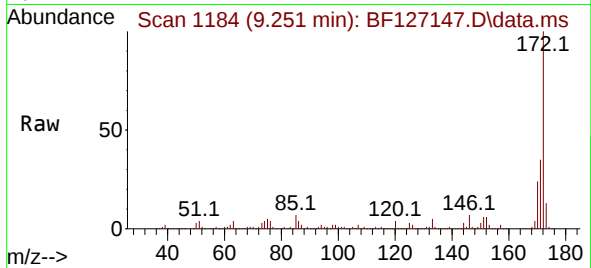
Tgt Ion:172 Resp: 1099255

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.7 19.0 28.6



#57

2,4-Dinitrotoluene

Concen: 6.577 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.194 min

Lab File: BF127147.D

Acq: 02 Mar 2022 15:12

Tgt Ion:165 Resp: 24355

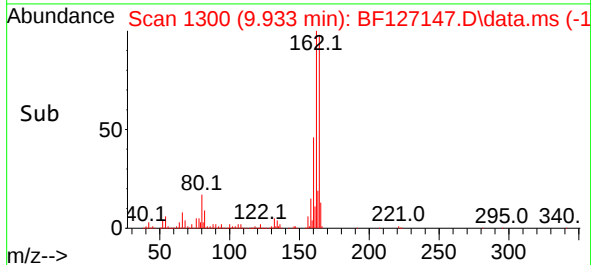
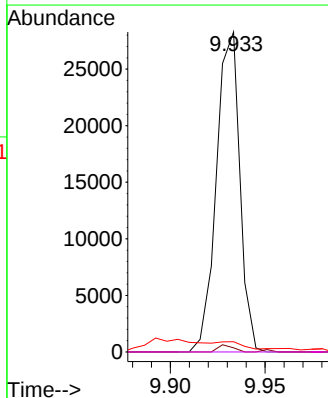
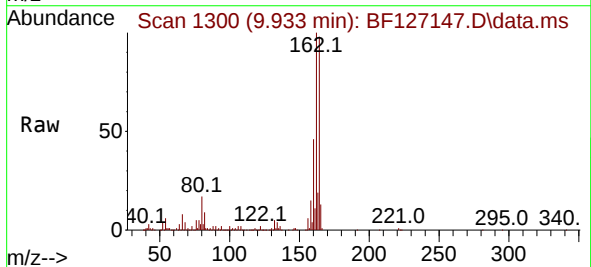
Ion Ratio Lower Upper

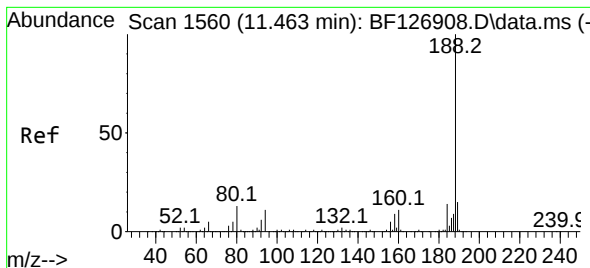
165 100

63 1.3 43.0 64.6#

89 3.2 71.0 106.4#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127147.D

Acq: 02 Mar 2022 15:12

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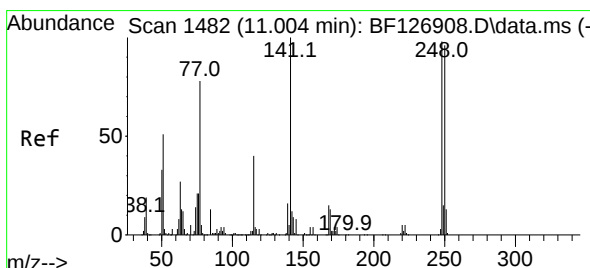
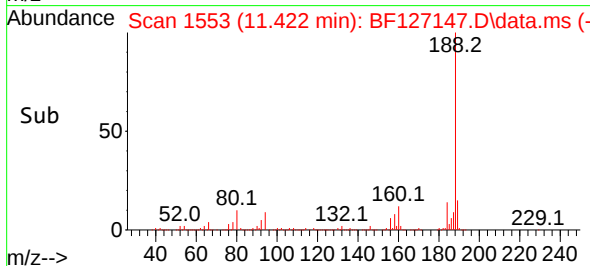
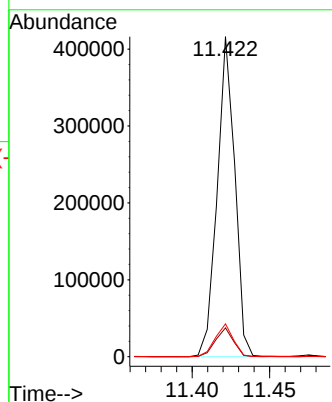
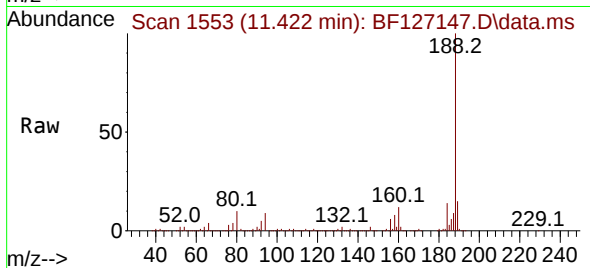
Tgt Ion:188 Resp: 329047

Ion Ratio Lower Upper

188 100

94 9.0 10.1 15.1#

80 10.3 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 3.483 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.247 min

Lab File: BF127147.D

Acq: 02 Mar 2022 15:12

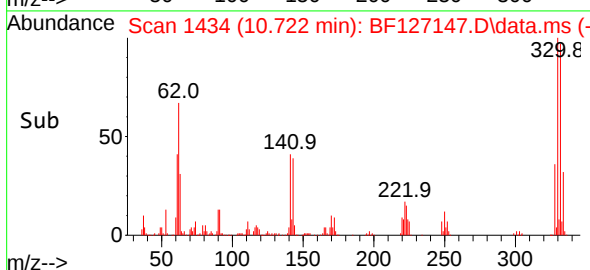
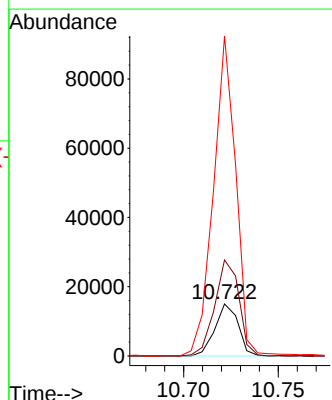
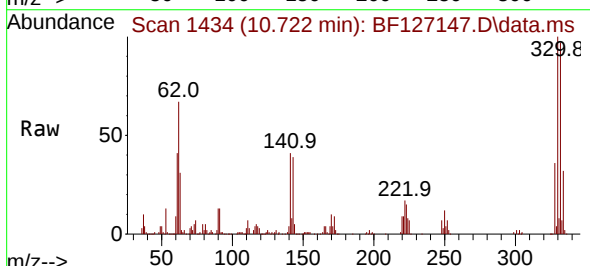
Tgt Ion:248 Resp: 12804

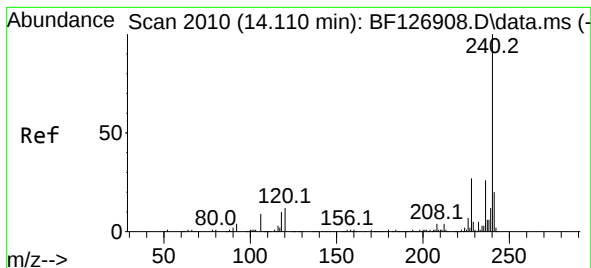
Ion Ratio Lower Upper

248 100

250 184.4 76.2 114.4#

141 614.4 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127147.D

Acq: 02 Mar 2022 15:12

Instrument :

BNA_F

ClientSampleId :

MW-01

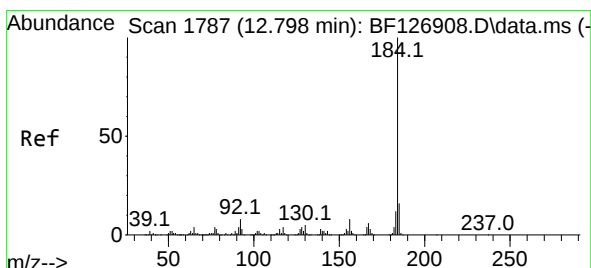
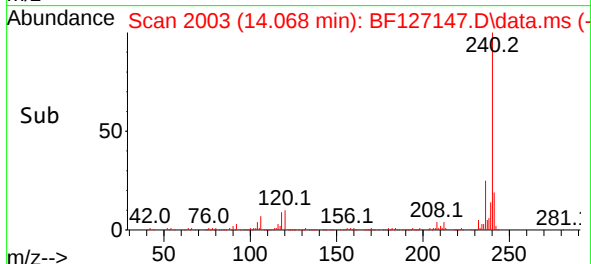
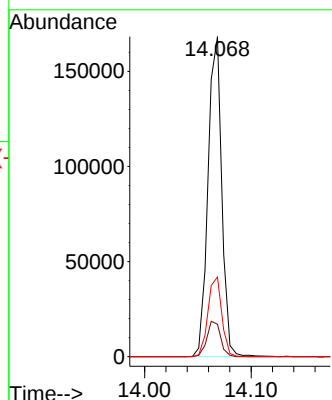
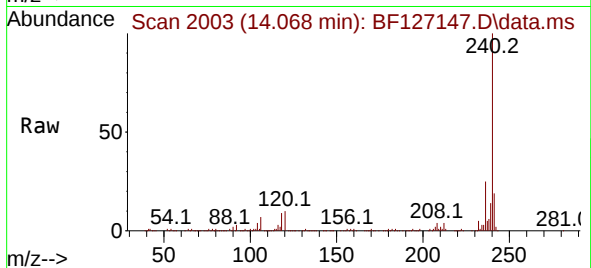
Tgt Ion:240 Resp: 151133

Ion Ratio Lower Upper

240 100

120 10.2 14.4 21.6#

236 24.9 20.5 30.7



#77

Benzidine

Concen: 3.612 ng

RT: 13.010 min Scan# 1823

Delta R.T. 0.247 min

Lab File: BF127147.D

Acq: 02 Mar 2022 15:12

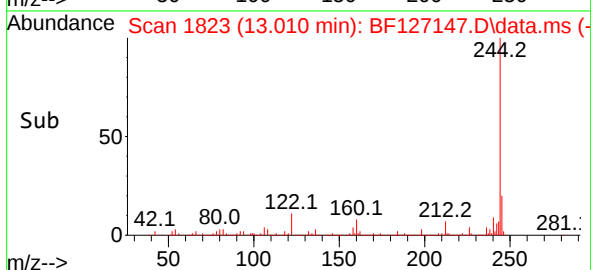
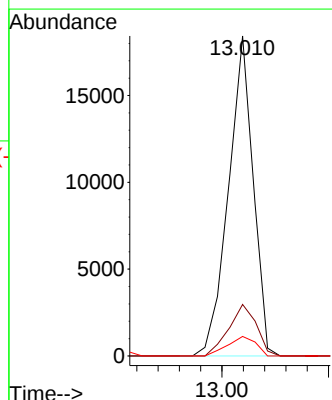
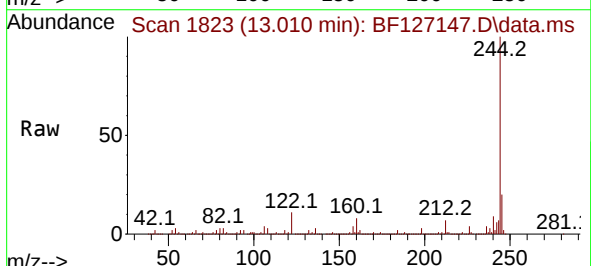
Tgt Ion:184 Resp: 14837

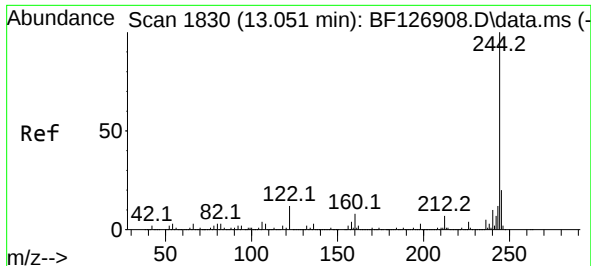
Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.8

183 6.1 8.2 12.2#

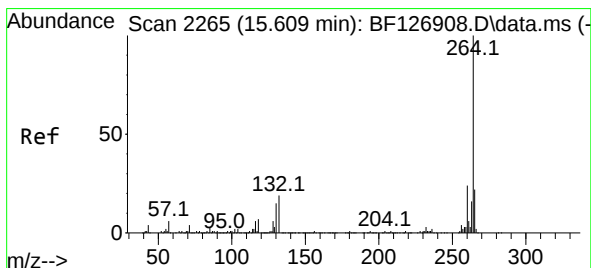
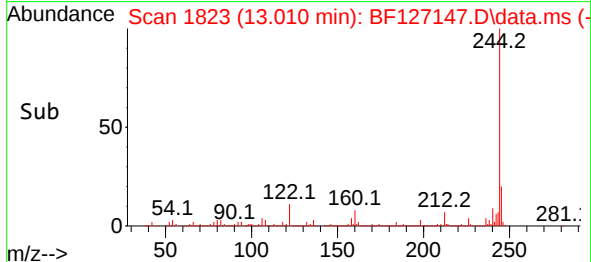
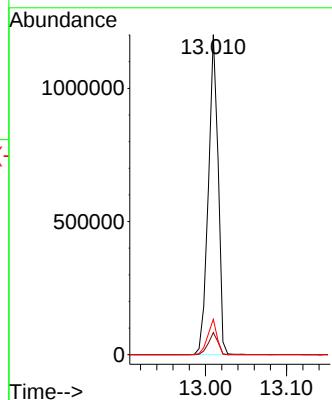
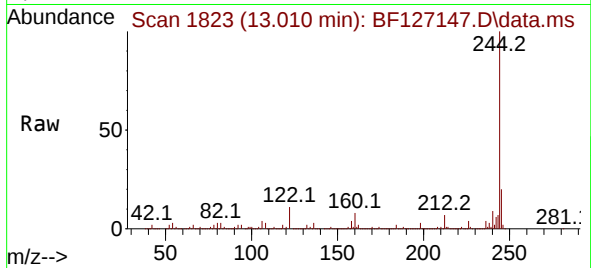




#79
 Terphenyl-d14
 Concen: 97.185 ng
 RT: 13.010 min Scan# 1823
 Delta R.T. -0.006 min
 Lab File: BF127147.D
 Acq: 02 Mar 2022 15:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion:244 Resp: 999150
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 11.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.006 min
 Lab File: BF127147.D
 Acq: 02 Mar 2022 15:12

Tgt Ion:264 Resp: 162790
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 20.6 17.4 26.2

