

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040422\
 Data File : BF127635.D
 Acq On : 04 Apr 2022 16:41
 Operator : CG\JU
 Sample : N2249-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6S

Quant Time: Apr 04 17:53:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

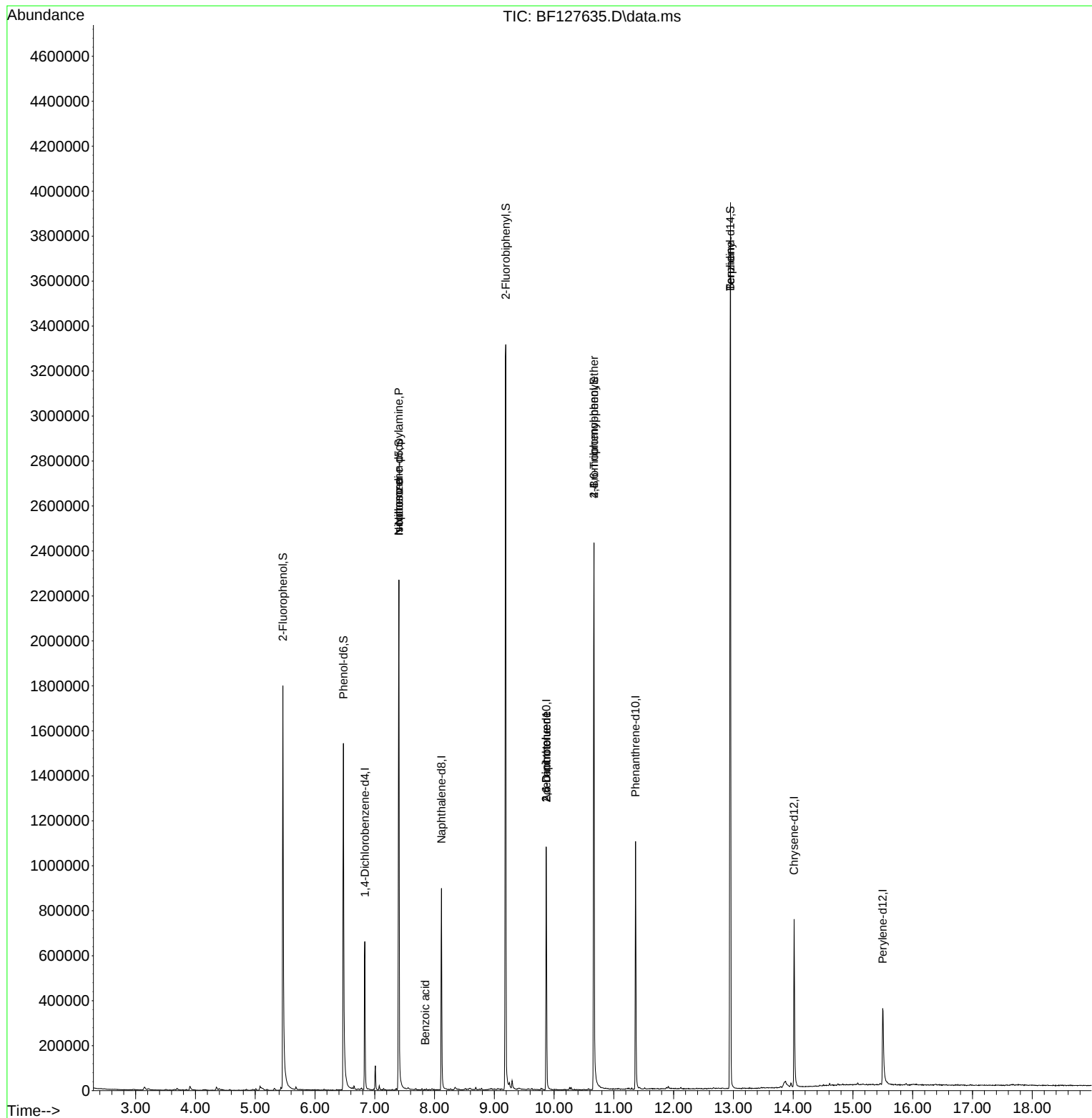
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	99118	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	366096	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	209345	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	383558	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	277012	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	204497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	507806	81.778	ng	0.00
7) Phenol-d6	6.475	99	548557	64.628	ng	0.00
23) Nitrobenzene-d5	7.404	82	735396	85.866	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	301986	135.416	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1143103	79.734	ng	0.00
79) Terphenyl-d14	12.951	244	1464942	86.572	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	59	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	98944	19.447	ng	# 80
25) Isophorone	7.404	82	735389	53.911	ng	# 70
32) Benzoic acid	7.845	122	129	6.080	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	26415	8.640	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	26415	6.713	ng	# 14
58) Fluorene	10.669	166	12038	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.669	248	19712	4.402	ng	# 1
77) Benzidine	12.951	184	18151	2.748	ng	# 93

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

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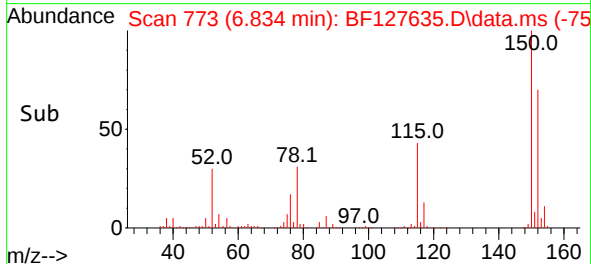
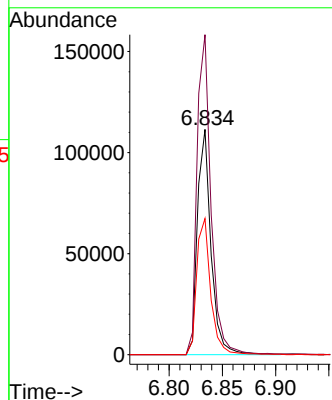
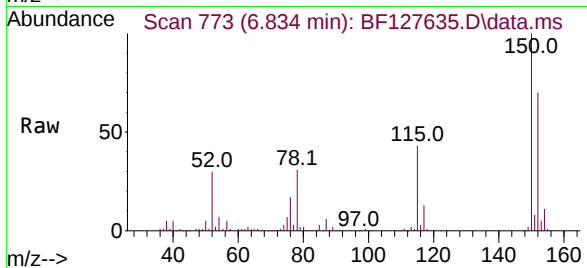




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127635.D
Acq: 04 Apr 2022 16:41

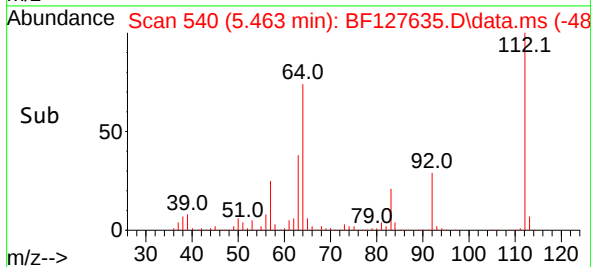
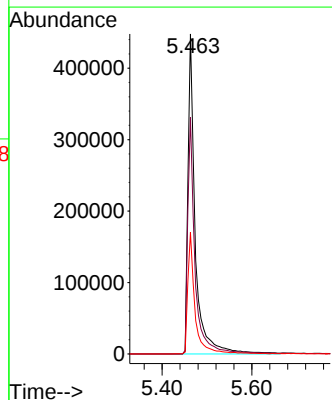
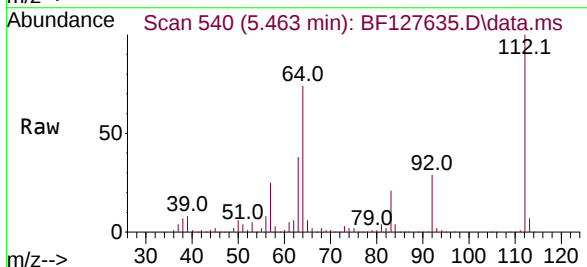
Instrument :
BNA_F
ClientSampleId :
MW-6S

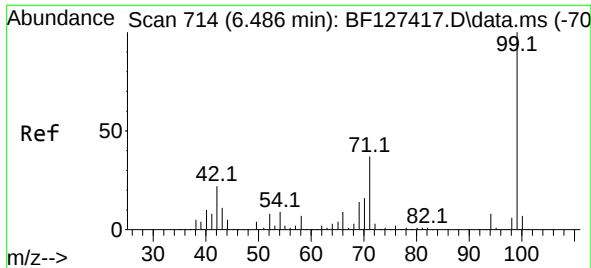
Tgt Ion:152 Resp: 99118
Ion Ratio Lower Upper
152 100
150 142.1 117.2 175.8
115 60.4 49.8 74.6



#5
2-Fluorophenol
Concen: 81.778 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127635.D
Acq: 04 Apr 2022 16:41

Tgt Ion:112 Resp: 507806
Ion Ratio Lower Upper
112 100
64 73.9 58.4 87.6
63 38.0 30.1 45.1

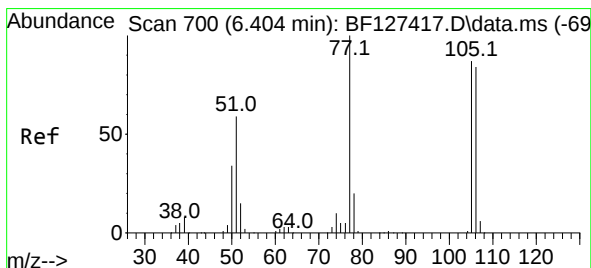
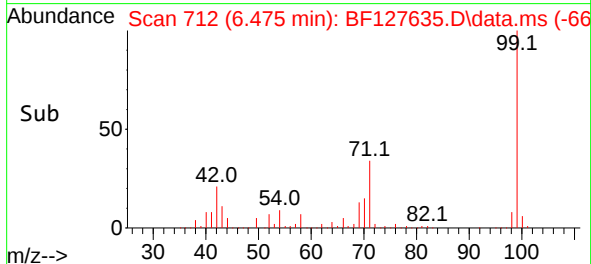
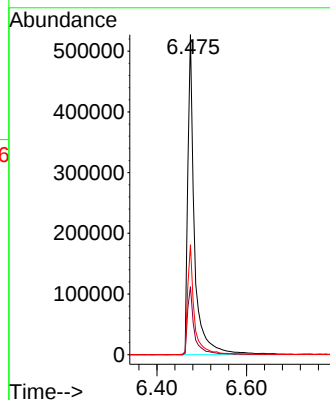
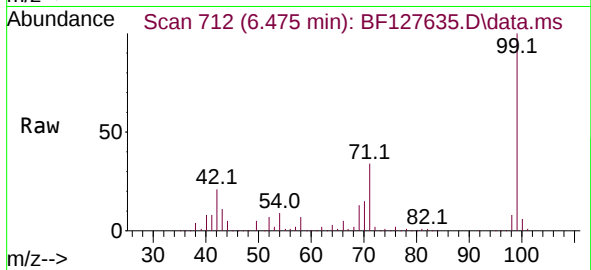




#7
Phenol-d6
Concen: 64.628 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127635.D
Acq: 04 Apr 2022 16:41

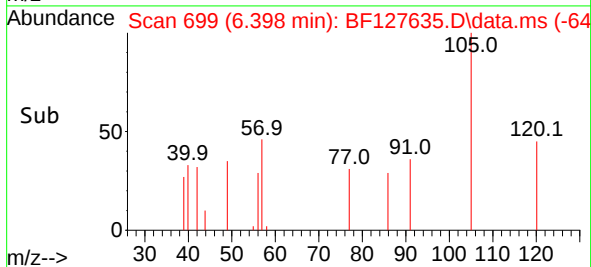
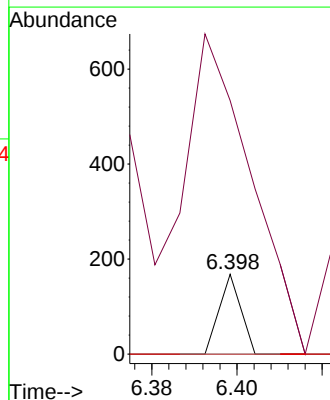
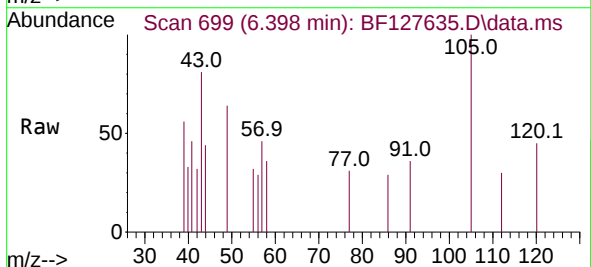
Instrument :
BNA_F
ClientSampleId :
MW-6S

Tgt Ion: 99 Resp: 548557
Ion Ratio Lower Upper
99 100
42 21.2 17.8 26.6
71 34.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.398 min Scan# 699
Delta R.T. 0.006 min
Lab File: BF127635.D
Acq: 04 Apr 2022 16:41

Tgt Ion: 77 Resp: 59
Ion Ratio Lower Upper
77 100
105 317.9 66.8 106.8#
106 0.0 64.3 104.3#

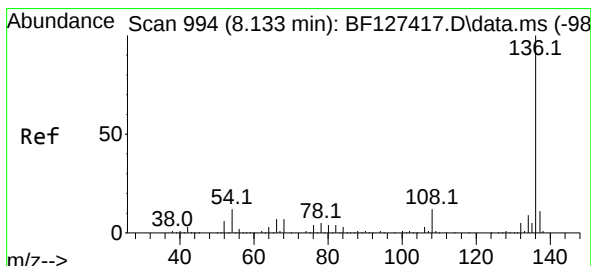
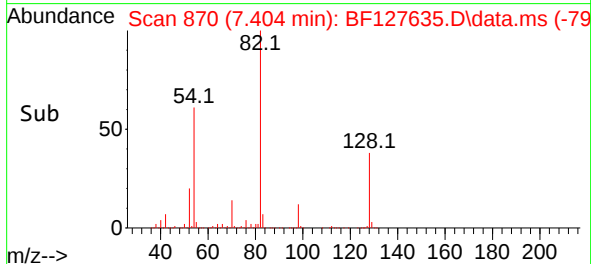
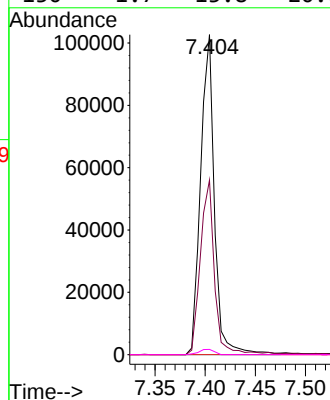
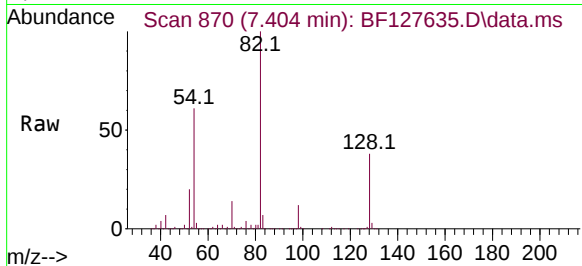




#19
n-Nitroso-di-n-propylamine
Concen: 19.447 ng
RT: 7.404 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127635.D
Acq: 04 Apr 2022 16:41

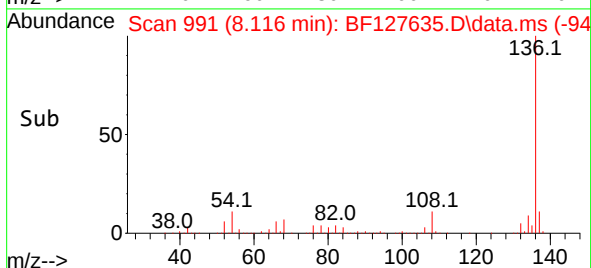
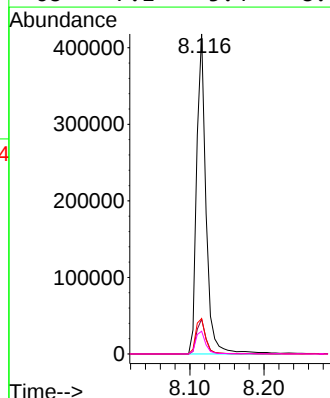
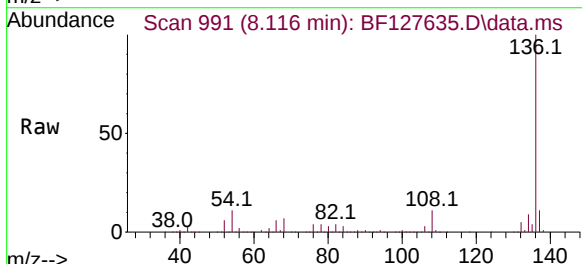
Instrument :
BNA_F
ClientSampleId :
MW-6S

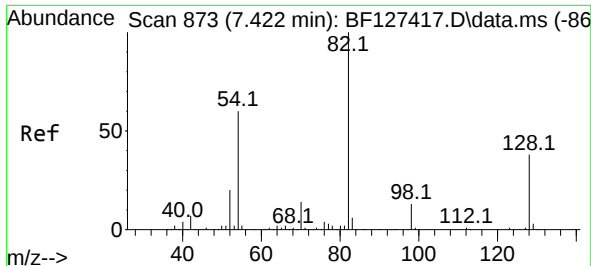
Tgt Ion: 70 Resp: 98944
Ion Ratio Lower Upper
70 100
42 54.5 53.0 79.6
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127635.D
Acq: 04 Apr 2022 16:41

Tgt Ion:136 Resp: 366096
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.0 9.2 13.8
68 7.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 85.866 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127635.D

Acq: 04 Apr 2022 16:41

Instrument :

BNA_F

ClientSampleId :

MW-6S

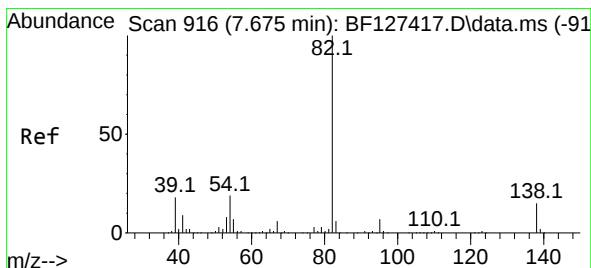
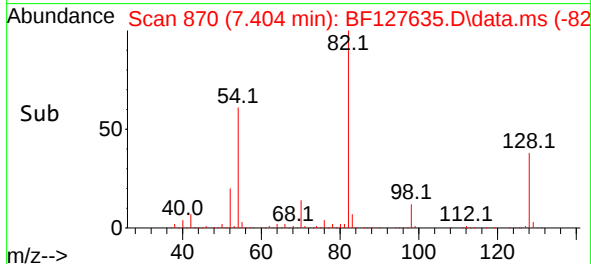
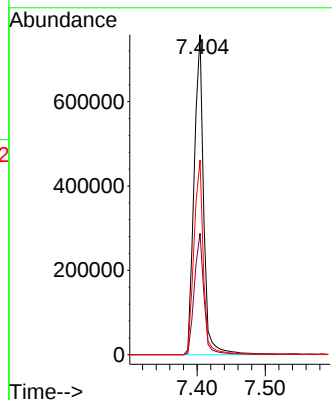
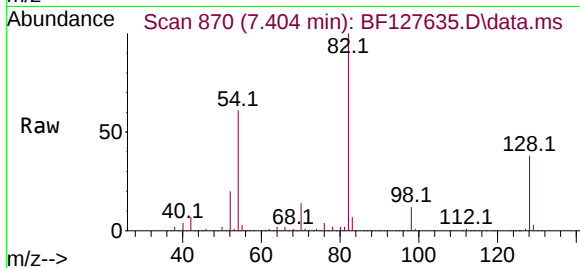
Tgt Ion: 82 Resp: 735396

Ion Ratio Lower Upper

82 100

128 37.9 30.6 45.8

54 60.8 48.2 72.2



#25

Isophorone

Concen: 53.911 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127635.D

Acq: 04 Apr 2022 16:41

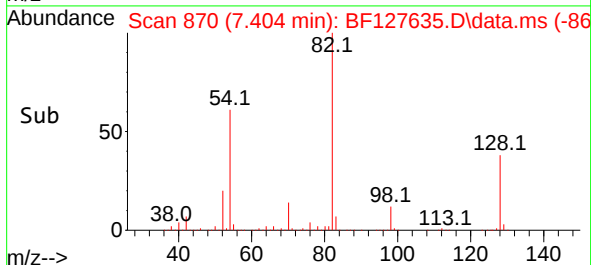
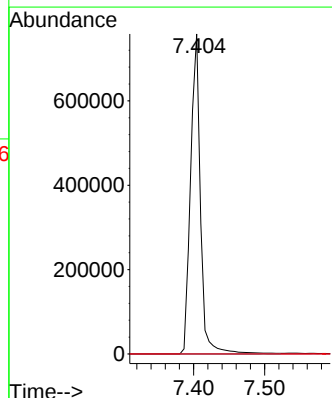
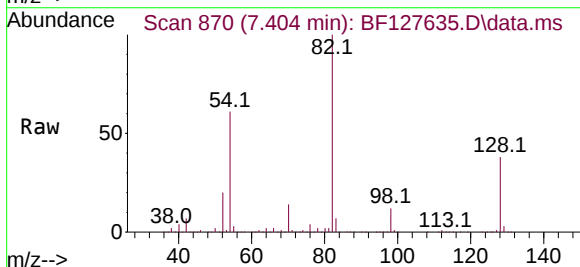
Tgt Ion: 82 Resp: 735389

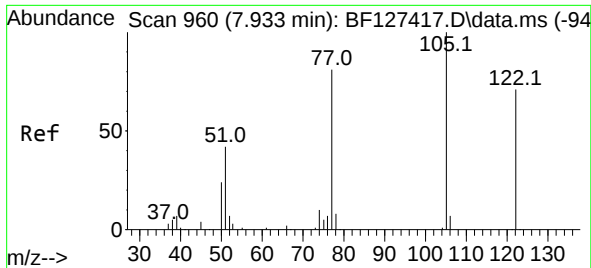
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

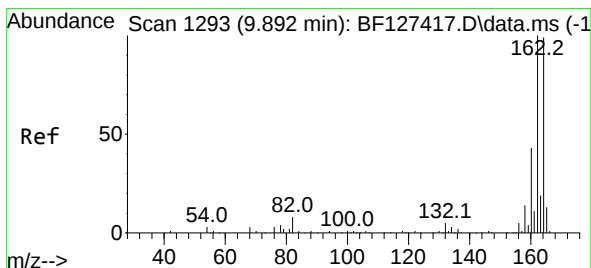
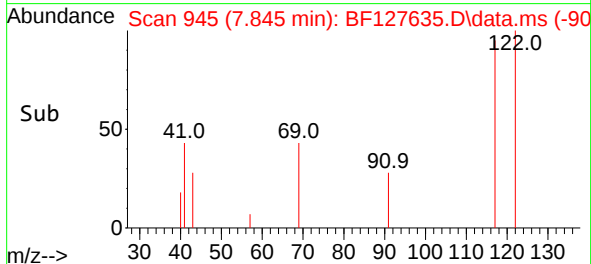
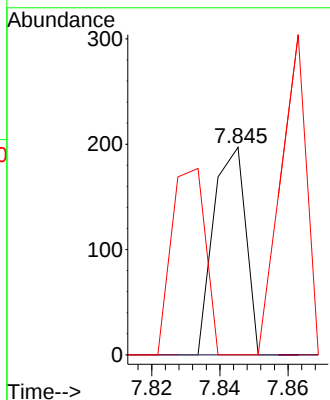
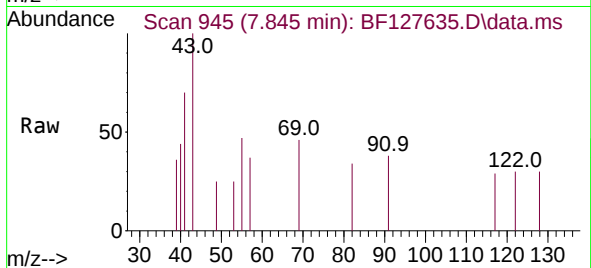




#32
Benzoic acid
Concen: 6.080 ng
RT: 7.845 min Scan# 94
Delta R.T. -0.082 min
Lab File: BF127635.D
Acq: 04 Apr 2022 16:41

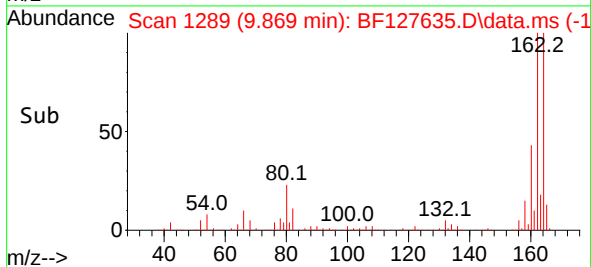
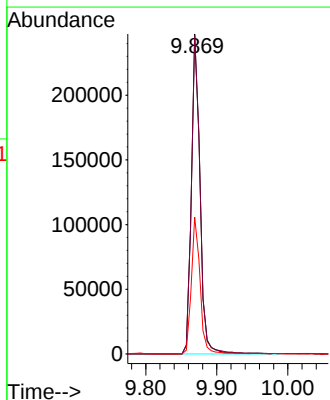
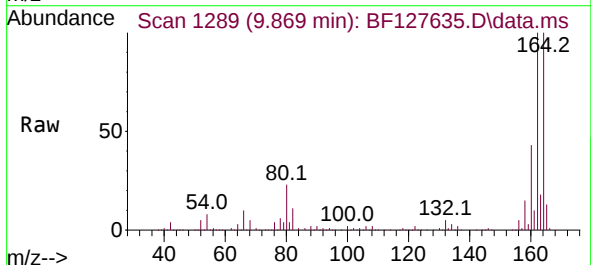
Instrument :
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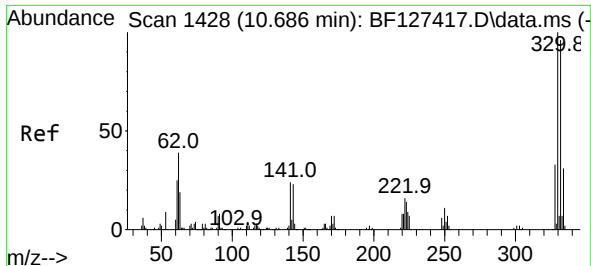
Tgt Ion:122 Resp: 129
Ion Ratio Lower Upper
122 100
105 0.0 117.1 157.1#
77 0.0 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127635.D
Acq: 04 Apr 2022 16:41

Tgt Ion:164 Resp: 209345
Ion Ratio Lower Upper
164 100
162 99.5 81.2 121.8
160 42.8 34.6 52.0

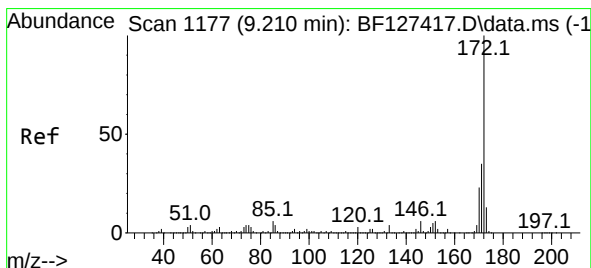
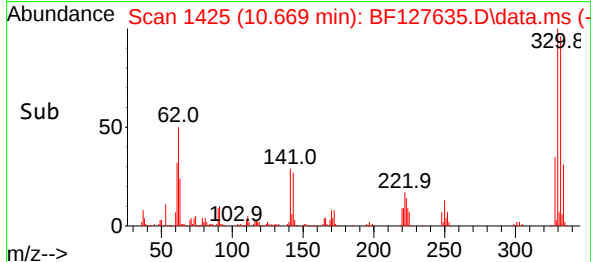
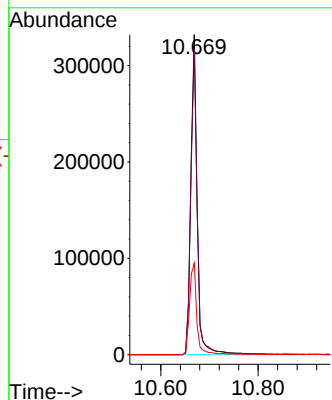
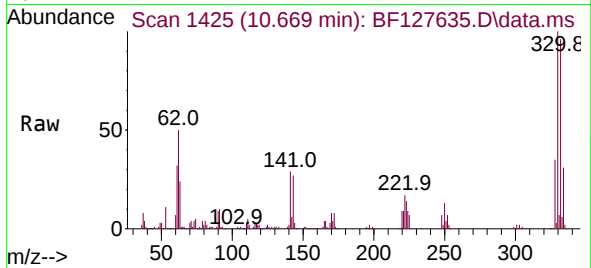




#42
2,4,6-Tribromophenol
Concen: 135.416 ng
RT: 10.669 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127635.D
Acq: 04 Apr 2022 16:41

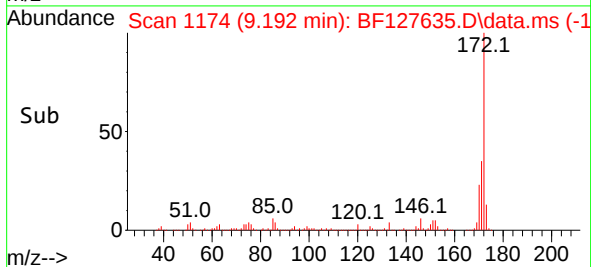
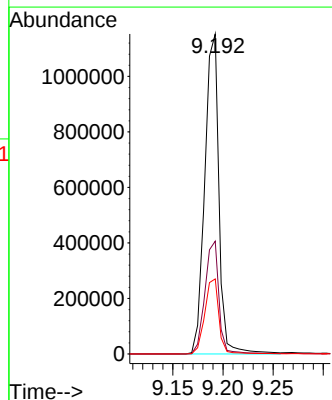
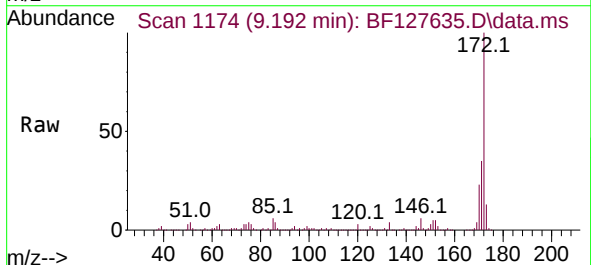
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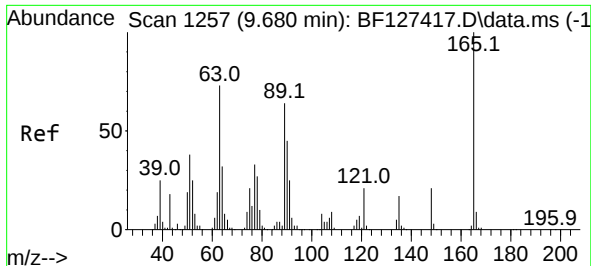
Tgt Ion:330 Resp: 301986
Ion Ratio Lower Upper
330 100
332 95.8 79.1 118.7
141 32.6 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 79.734 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127635.D
Acq: 04 Apr 2022 16:41

Tgt Ion:172 Resp: 1143103
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.640 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127635.D

Acq: 04 Apr 2022 16:41

Instrument :

BNA_F

ClientSampleId :

MW-6S

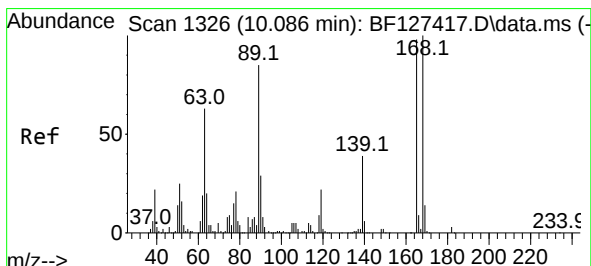
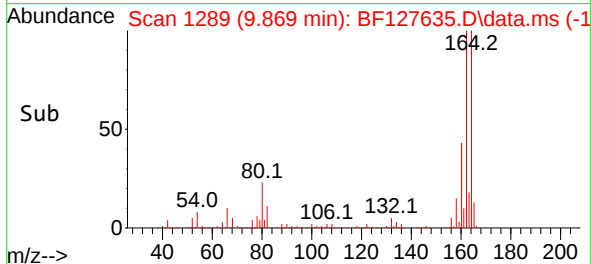
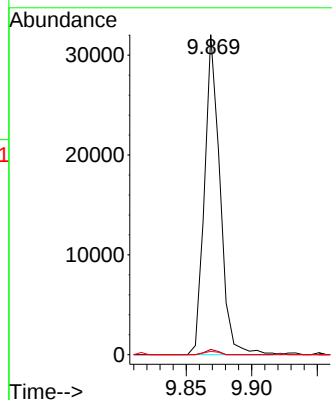
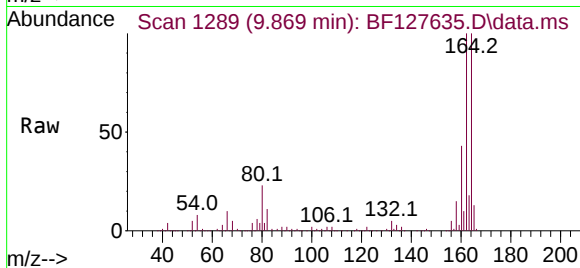
Tgt Ion:165 Resp: 26415

Ion Ratio Lower Upper

165 100

63 1.6 58.3 87.5#

89 1.0 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 6.713 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.206 min

Lab File: BF127635.D

Acq: 04 Apr 2022 16:41

Tgt Ion:165 Resp: 26415

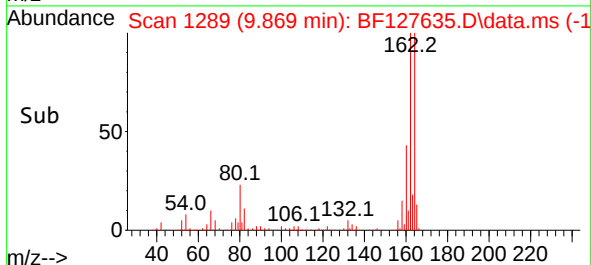
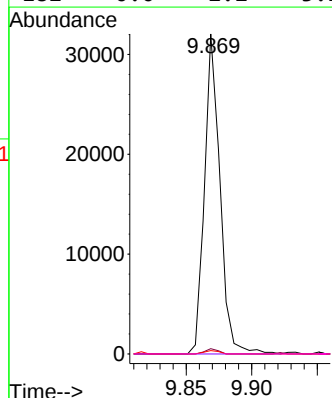
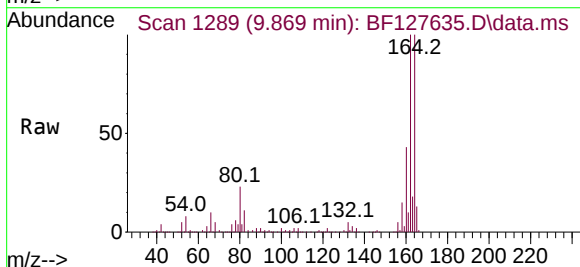
Ion Ratio Lower Upper

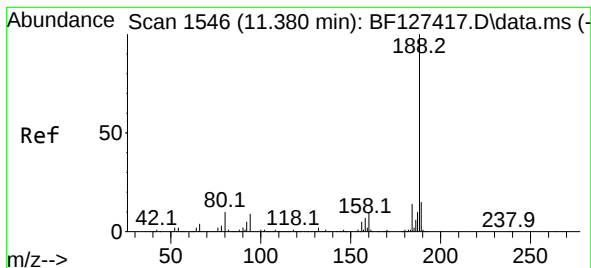
165 100

63 1.6 53.1 79.7#

89 1.0 69.2 103.8#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127635.D

Acq: 04 Apr 2022 16:41

Instrument :

BNA_F

ClientSampleId :

MW-6S

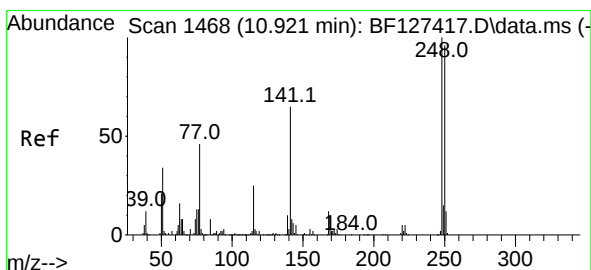
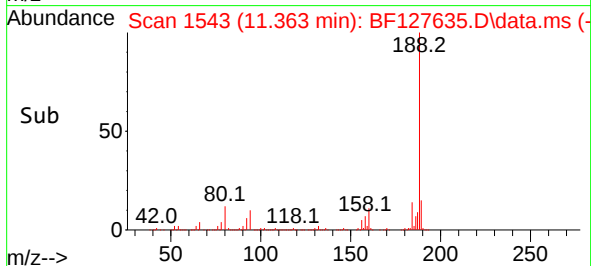
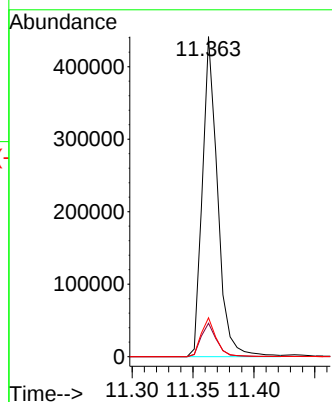
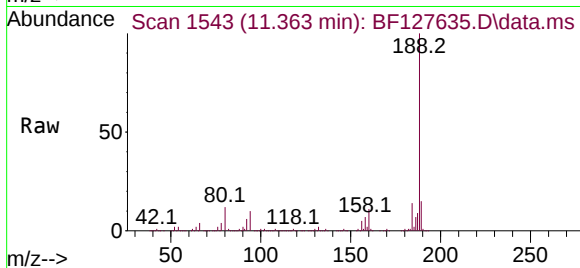
Tgt Ion:188 Resp: 383558

Ion Ratio Lower Upper

188 100

94 10.5 7.4 11.0

80 12.2 8.0 12.0#



#67

4-Bromophenyl-phenylether

Concen: 4.402 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.235 min

Lab File: BF127635.D

Acq: 04 Apr 2022 16:41

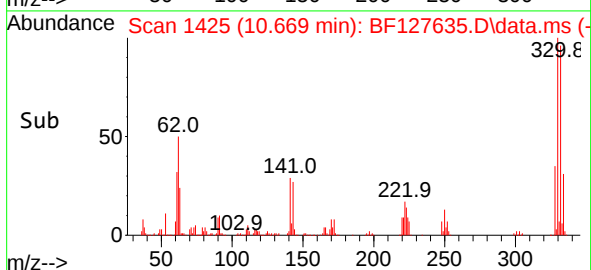
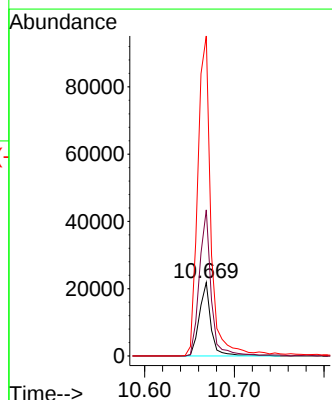
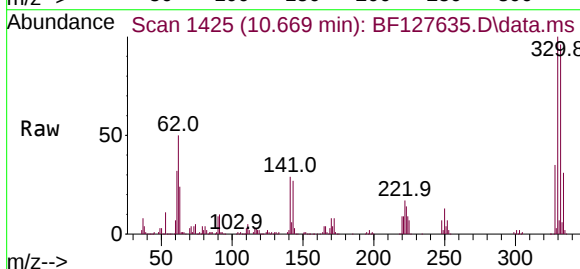
Tgt Ion:248 Resp: 19712

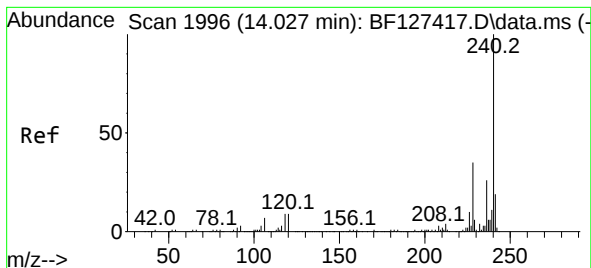
Ion Ratio Lower Upper

248 100

250 198.9 76.6 115.0#

141 435.8 52.2 78.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF127635.D

Acq: 04 Apr 2022 16:41

Instrument :

BNA_F

ClientSampleId :

MW-6S

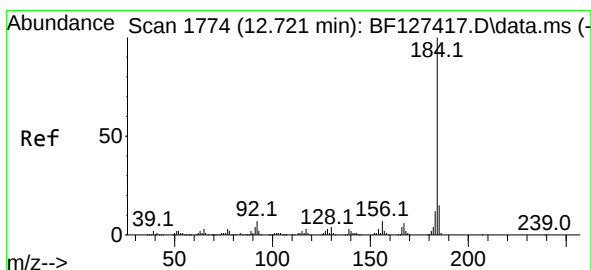
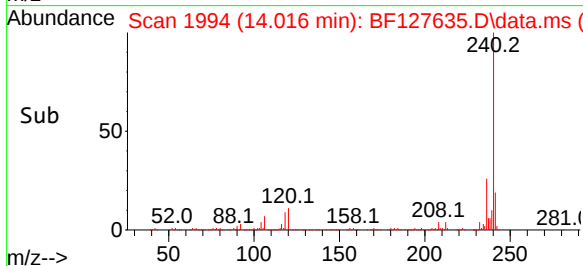
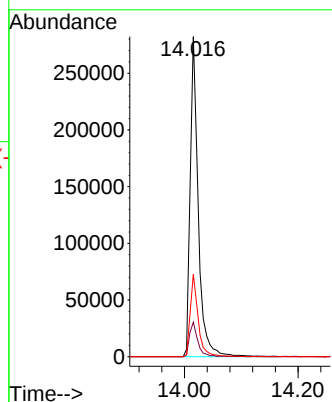
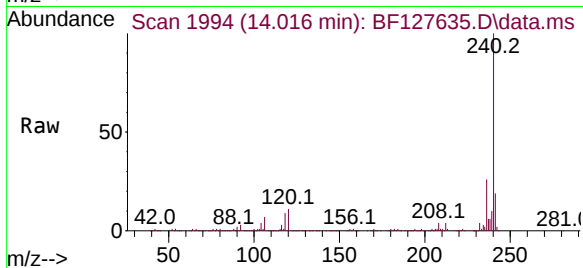
Tgt Ion:240 Resp: 277012

Ion Ratio Lower Upper

240 100

120 10.8 7.1 10.7#

236 25.7 20.7 31.1



#77

Benidine

Concen: 2.748 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.241 min

Lab File: BF127635.D

Acq: 04 Apr 2022 16:41

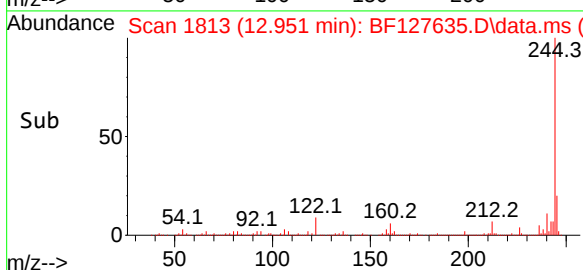
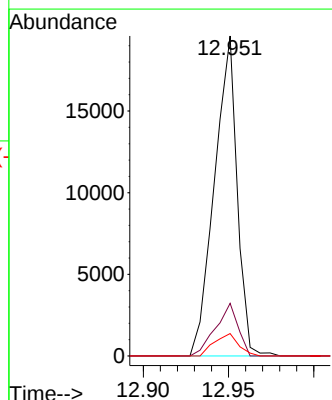
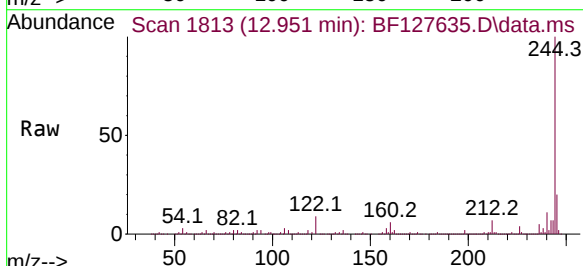
Tgt Ion:184 Resp: 18151

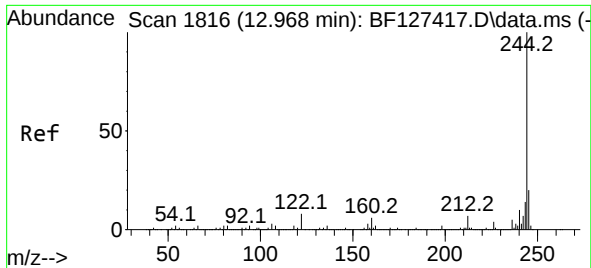
Ion Ratio Lower Upper

184 100

185 16.5 12.2 18.2

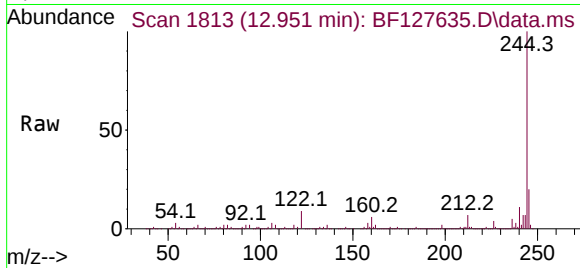
183 7.0 9.4 14.0#



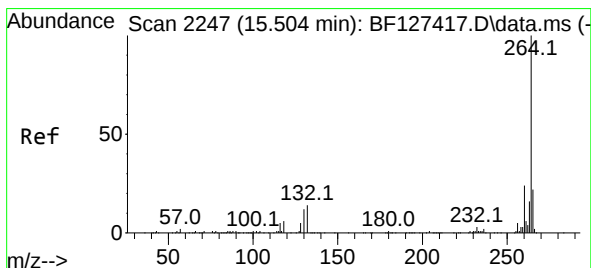
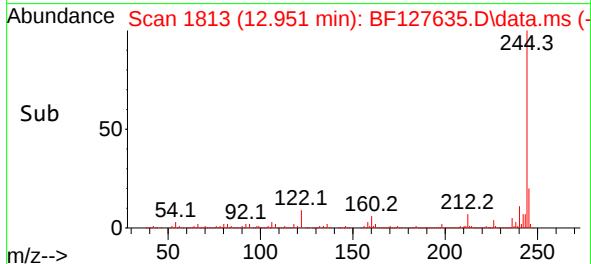
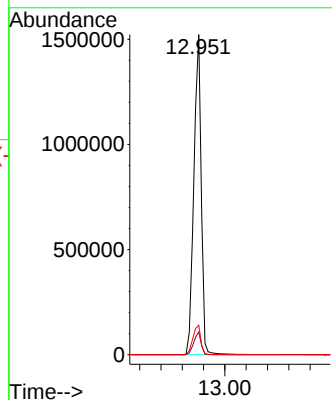


#79
 Terphenyl-d14
 Concen: 86.572 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127635.D
 Acq: 04 Apr 2022 16:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-6S



Tgt Ion:244 Resp: 1464942
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.2 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2246
 Delta R.T. 0.006 min
 Lab File: BF127635.D
 Acq: 04 Apr 2022 16:41

Tgt Ion:264 Resp: 204497
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.8 17.4 26.2

