

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127611.D
 Acq On : 01 Apr 2022 14:40
 Operator : CG\JU
 Sample : N2217-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Apr 01 16:14:07 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)

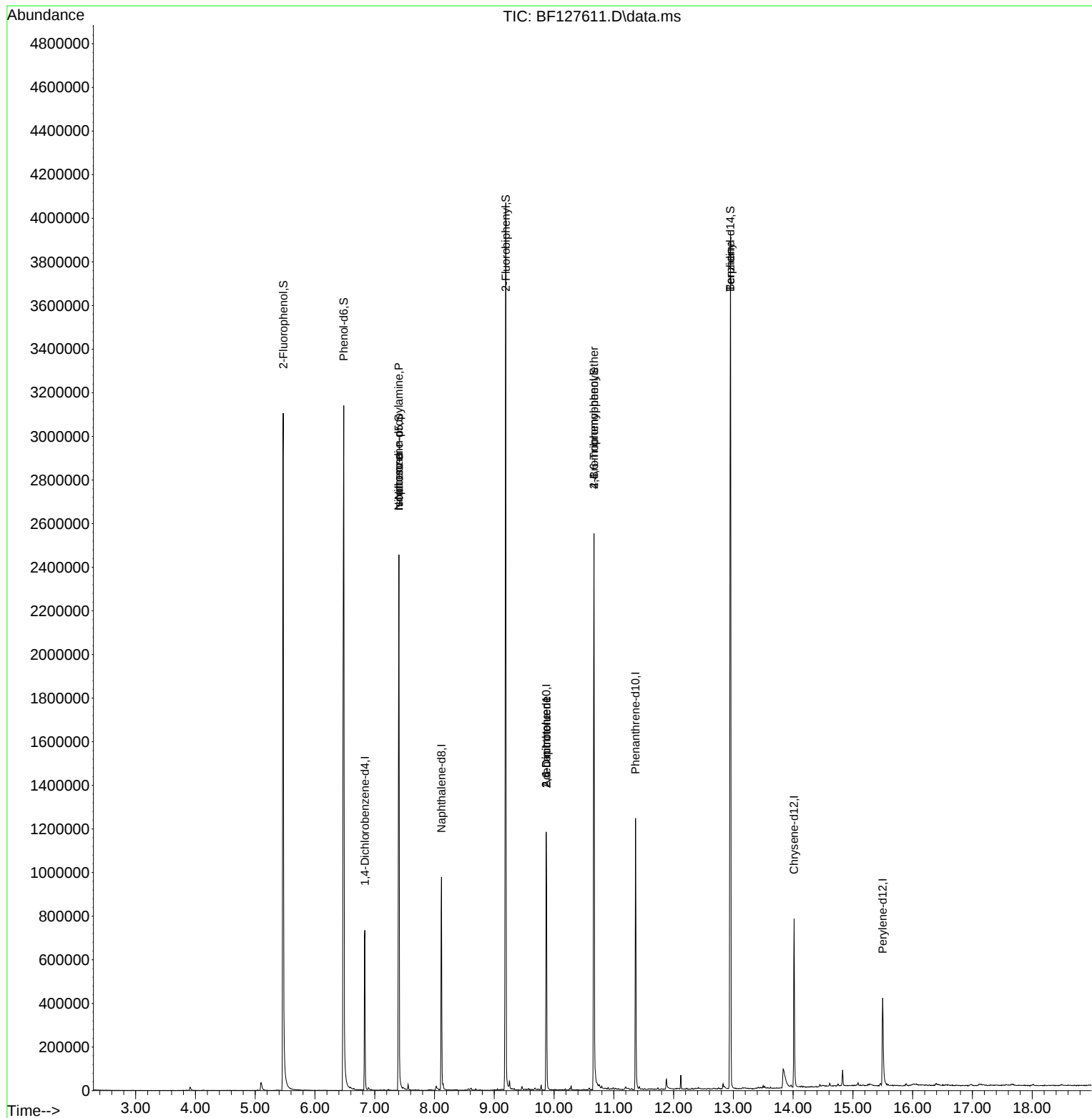
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	110167	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	408942	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	237771	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	429946	20.000	ng	0.00
76) Chrysene-d12	14.016	240	277752	20.000	ng	0.00
86) Perylene-d12	15.498	264	207811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	867151	125.642	ng	0.01
7) Phenol-d6	6.481	99	1192613	126.415	ng	0.00
23) Nitrobenzene-d5	7.404	82	821562	85.876	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	318211	125.633	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1312445	80.602	ng	0.00
79) Terphenyl-d14	12.951	244	1517814	89.457	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1949	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	111616	19.738	ng	# 79
25) Isophorone	7.404	82	821555	53.918	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	29368	8.458	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	29368	6.571	ng	# 14
58) Fluorene	10.669	166	11815	Below Cal	#	92
67) 4-Bromophenyl-phenylether	10.669	248	20418	4.068	ng	# 1
77) Benzidine	12.951	184	17782	2.685	ng	# 93

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

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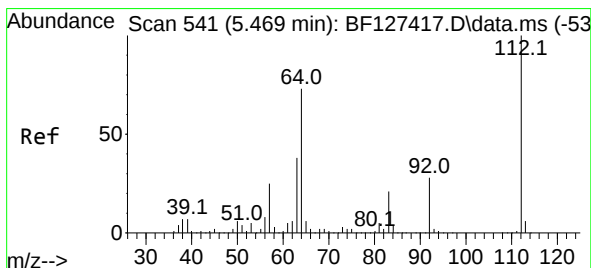
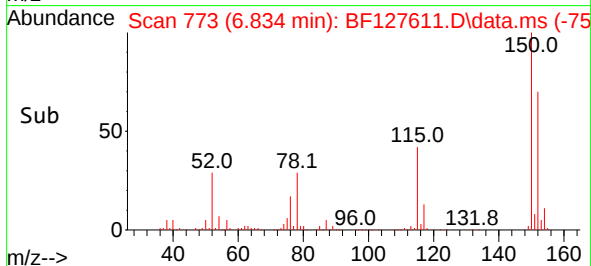
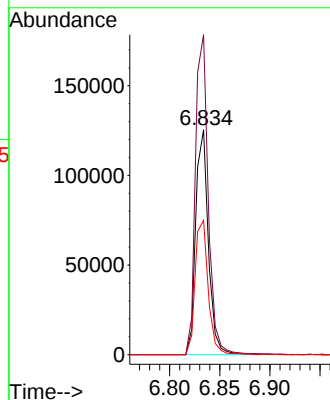
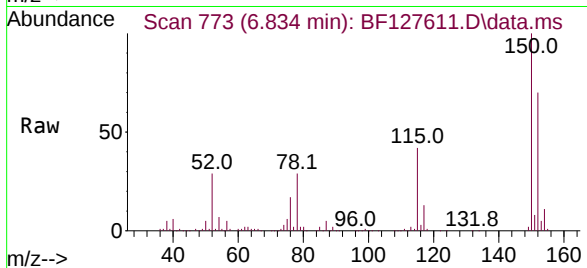




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127611.D
Acq: 01 Apr 2022 14:40

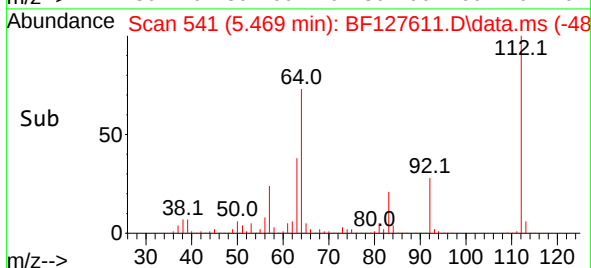
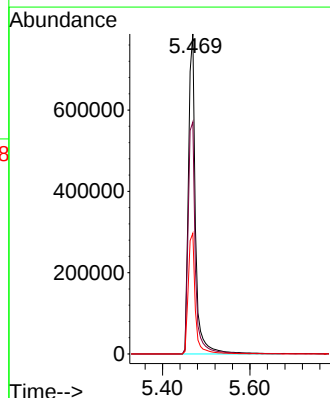
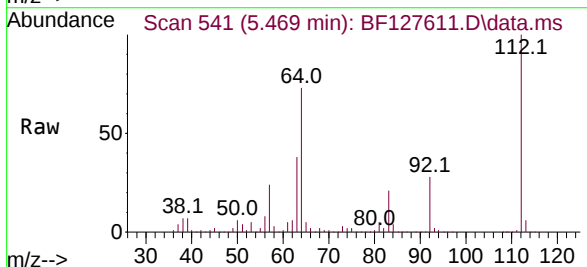
Instrument :
BNA_F
ClientSampleId :
SB-2

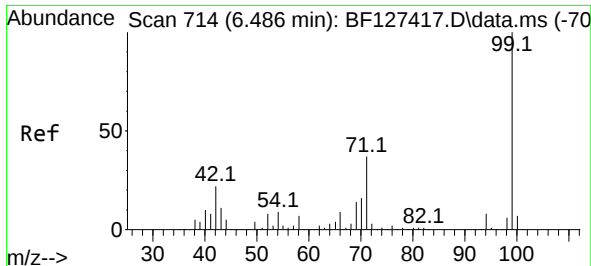
Tgt Ion:152 Resp: 110167
Ion Ratio Lower Upper
152 100
150 142.2 117.2 175.8
115 59.7 49.8 74.6



#5
2-Fluorophenol
Concen: 125.642 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127611.D
Acq: 01 Apr 2022 14:40

Tgt Ion:112 Resp: 867151
Ion Ratio Lower Upper
112 100
64 72.5 58.4 87.6
63 37.7 30.1 45.1





#7

Phenol-d6

Concen: 126.415 ng

RT: 6.481 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF127611.D

Acq: 01 Apr 2022 14:40

Instrument :

BNA_F

ClientSampleId :

SB-2

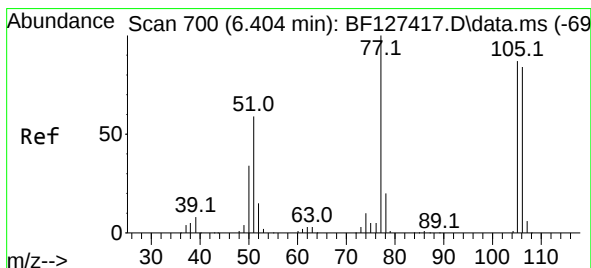
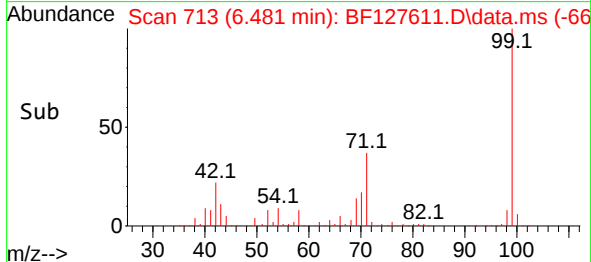
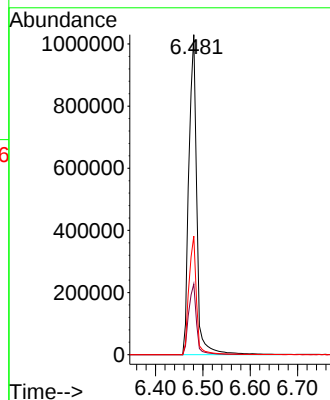
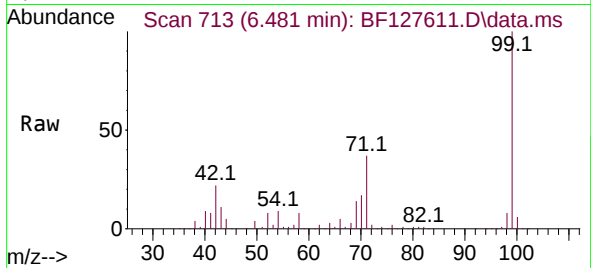
Tgt Ion: 99 Resp: 1192613

Ion Ratio Lower Upper

99 100

42 22.1 17.8 26.6

71 37.0 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.481 min Scan# 713

Delta R.T. 0.088 min

Lab File: BF127611.D

Acq: 01 Apr 2022 14:40

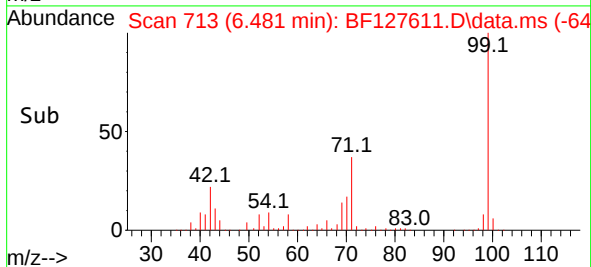
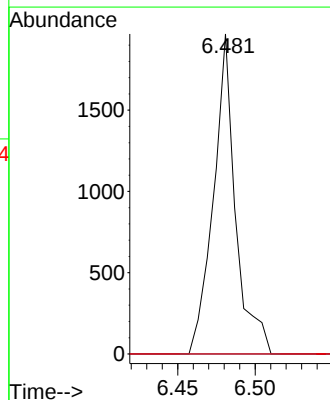
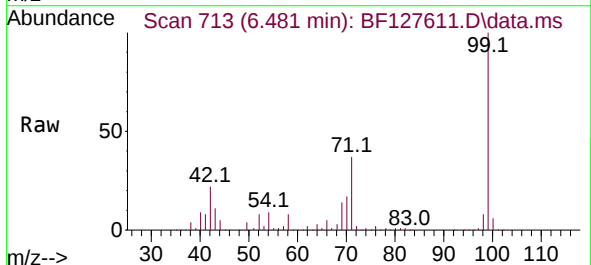
Tgt Ion: 77 Resp: 1949

Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 19.738 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127611.D

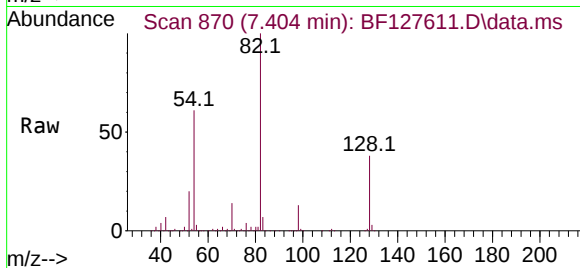
Acq: 01 Apr 2022 14:40

Instrument :

BNA_F

ClientSampleId :

SB-2



Tgt Ion: 70 Resp: 111616

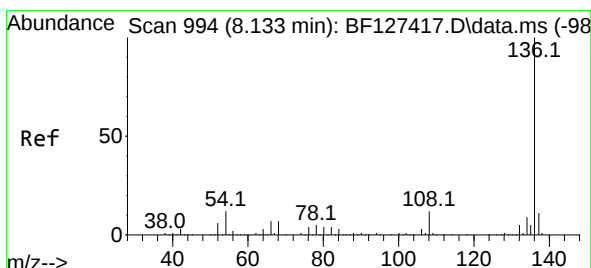
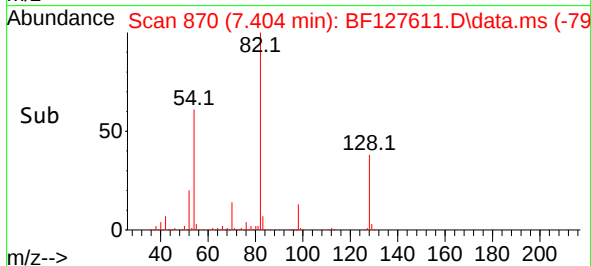
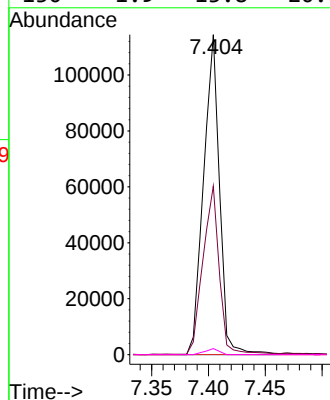
Ion Ratio Lower Upper

70 100

42 52.7 53.0 79.6#

101 0.0 6.8 10.2#

130 1.9 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: BF127611.D

Acq: 01 Apr 2022 14:40

Tgt Ion: 136 Resp: 408942

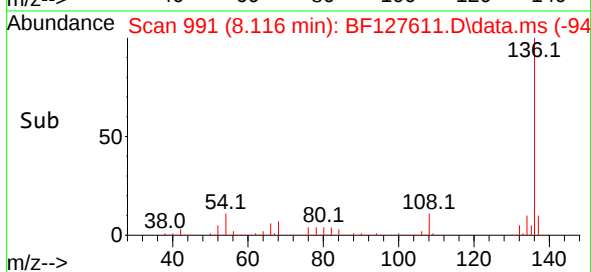
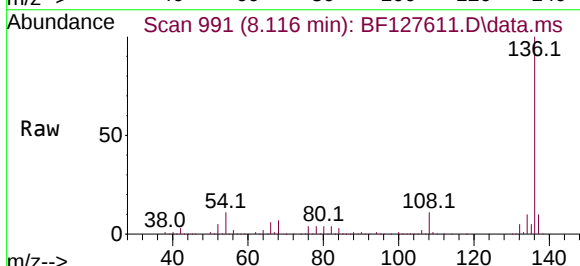
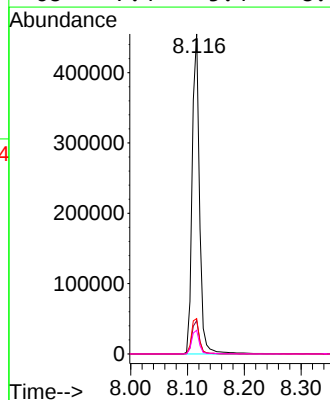
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 11.0 9.2 13.8

68 7.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 85.876 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127611.D

Acq: 01 Apr 2022 14:40

Instrument :

BNA_F

ClientSampleId :

SB-2

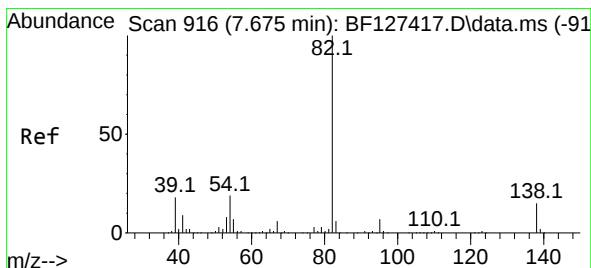
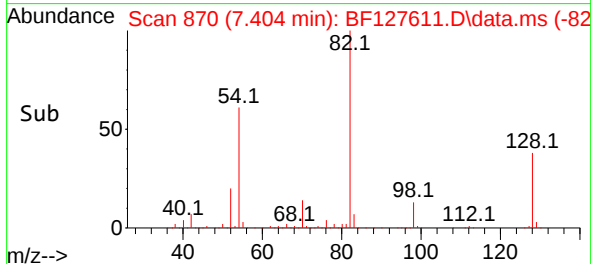
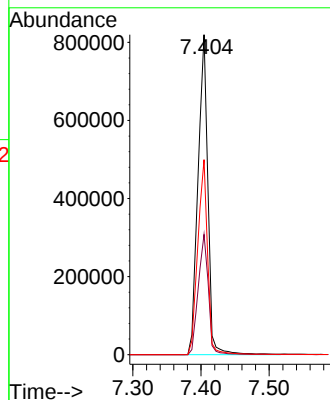
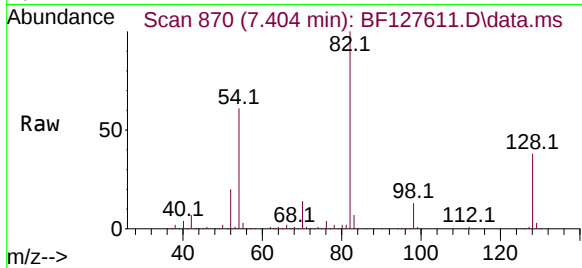
Tgt Ion: 82 Resp: 821562

Ion Ratio Lower Upper

82 100

128 37.6 30.6 45.8

54 61.0 48.2 72.2



#25

Isophorone

Concen: 53.918 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127611.D

Acq: 01 Apr 2022 14:40

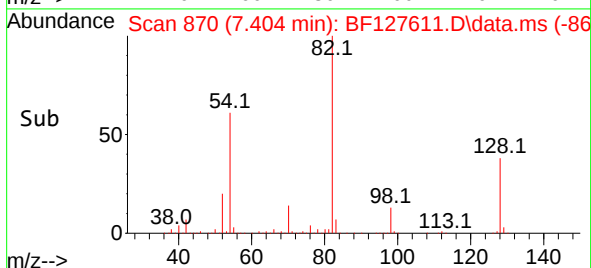
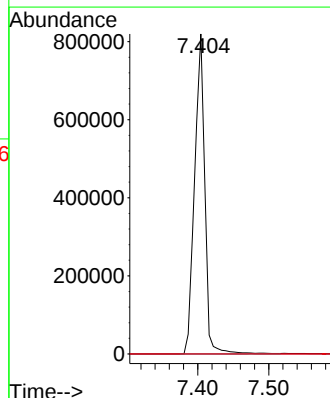
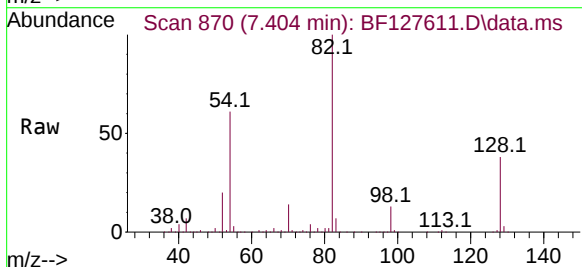
Tgt Ion: 82 Resp: 821555

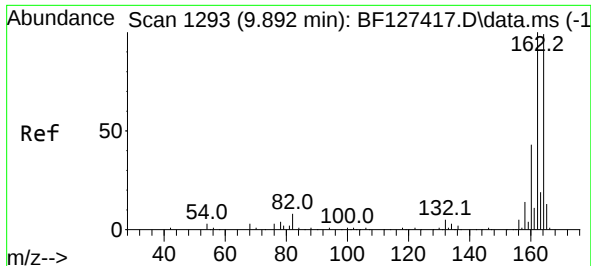
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127611.D

Acq: 01 Apr 2022 14:40

Instrument :

BNA_F

ClientSampleId :

SB-2

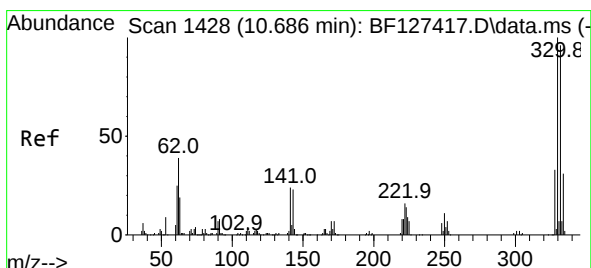
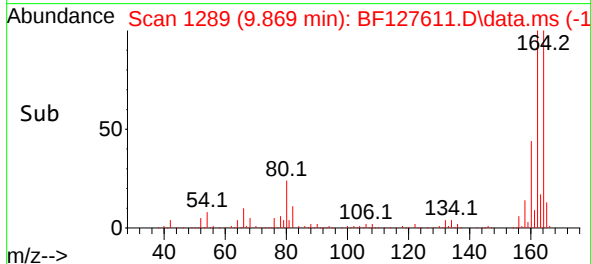
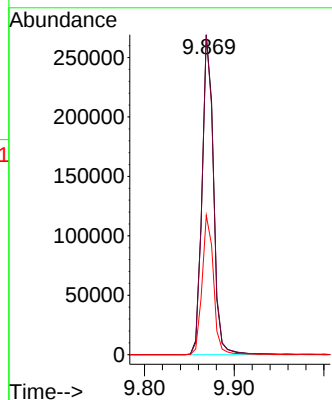
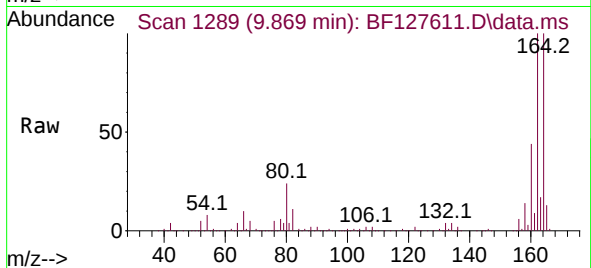
Tgt Ion:164 Resp: 237771

Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

160 43.6 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 125.633 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127611.D

Acq: 01 Apr 2022 14:40

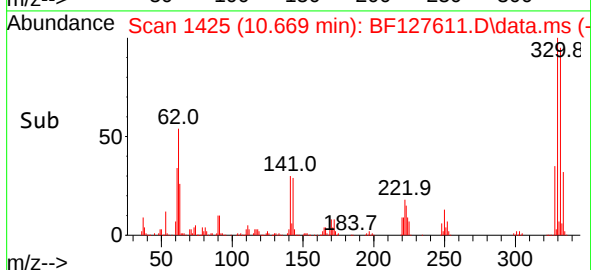
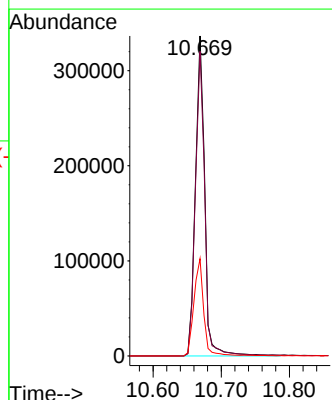
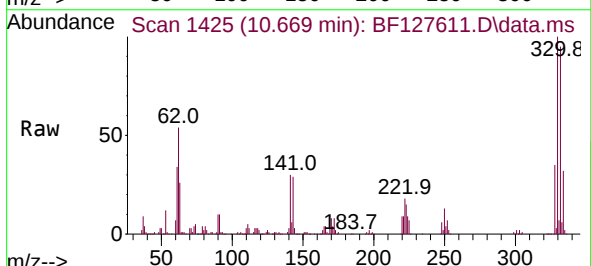
Tgt Ion:330 Resp: 318211

Ion Ratio Lower Upper

330 100

332 95.2 79.1 118.7

141 32.2 26.2 39.4

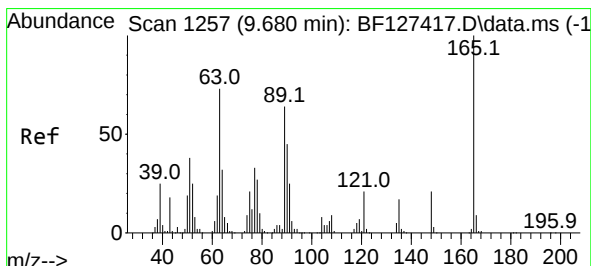
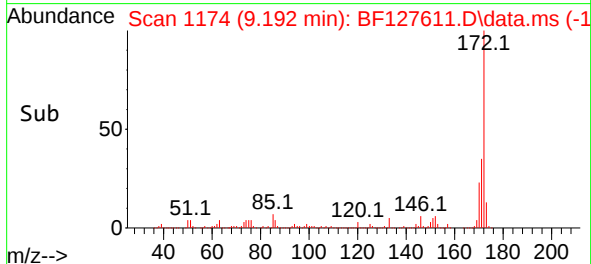
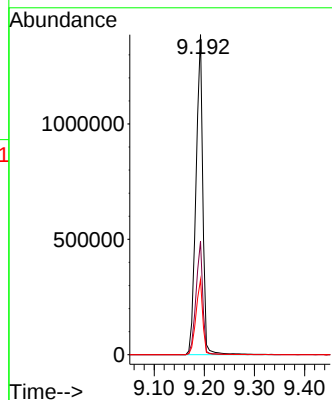
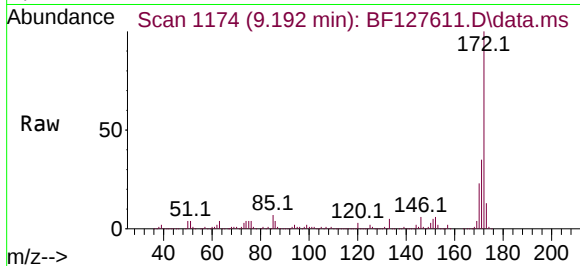




#45
2-Fluorobiphenyl
Concen: 80.602 ng
RT: 9.192 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127611.D
Acq: 01 Apr 2022 14:40

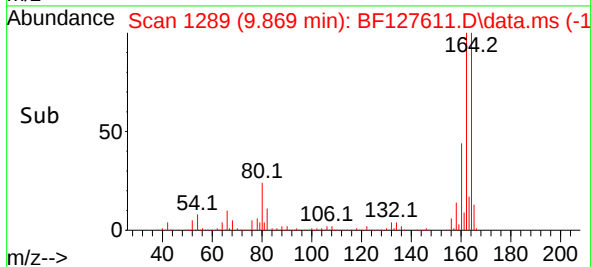
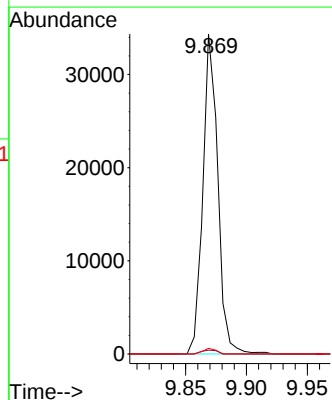
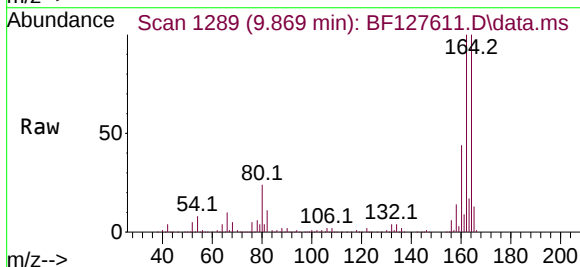
Instrument :
BNA_F
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SB-2

Tgt Ion:172 Resp: 1312445
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.458 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127611.D
Acq: 01 Apr 2022 14:40

Tgt Ion:165 Resp: 29368
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 1.8 51.5 77.3#

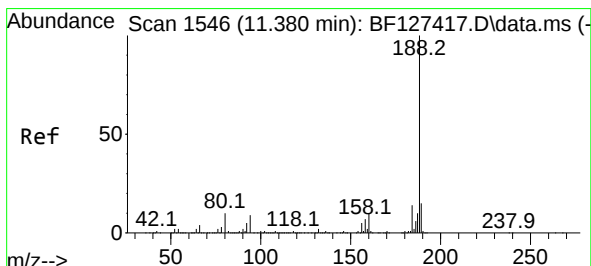
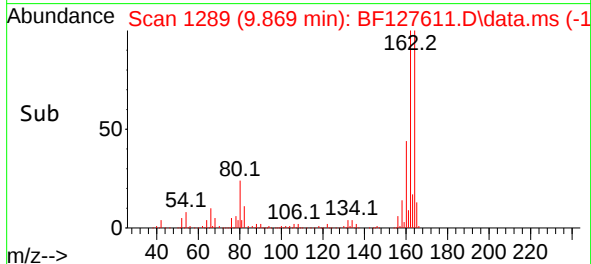
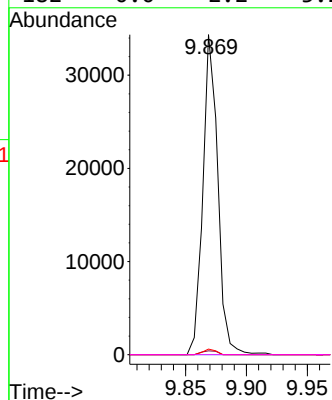
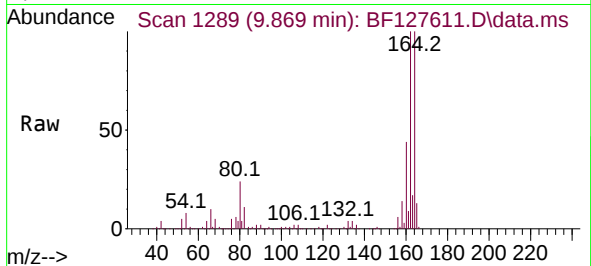




#57
2,4-Dinitrotoluene
Concen: 6.571 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127611.D
Acq: 01 Apr 2022 14:40

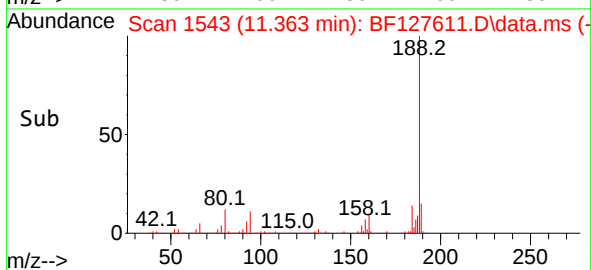
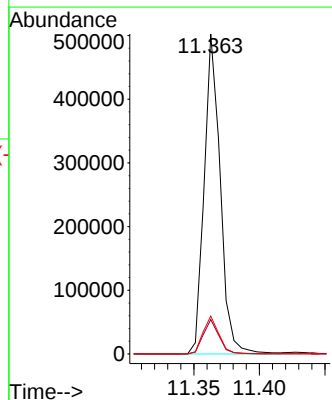
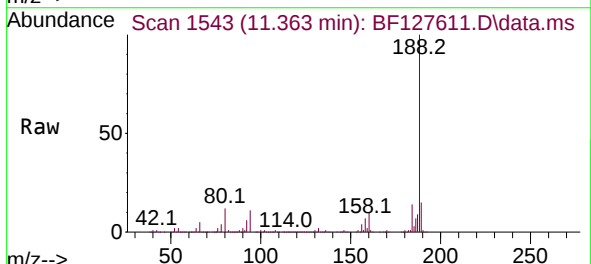
Instrument :
BNA_F
ClientSampleId :
SB-2

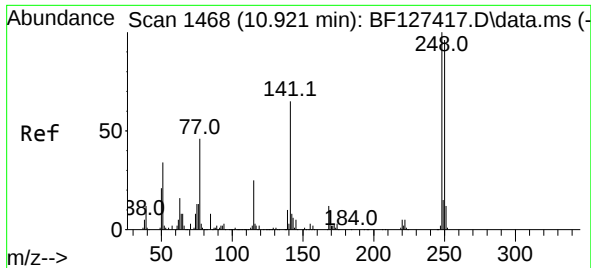
Tgt Ion:165 Resp: 29368
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.8 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127611.D
Acq: 01 Apr 2022 14:40

Tgt Ion:188 Resp: 429946
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.0
80 11.8 8.0 12.0

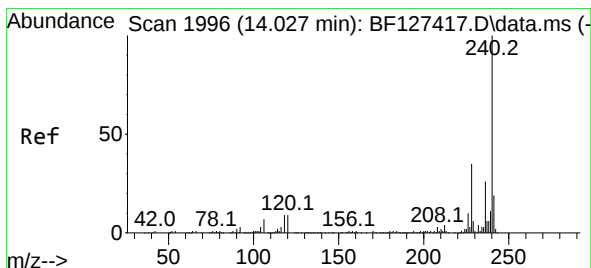
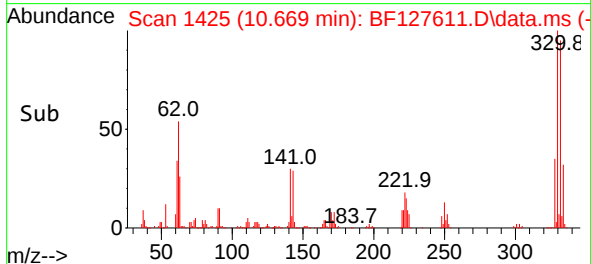
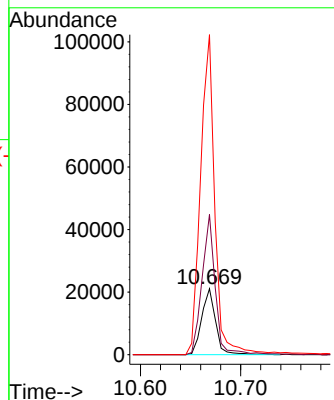
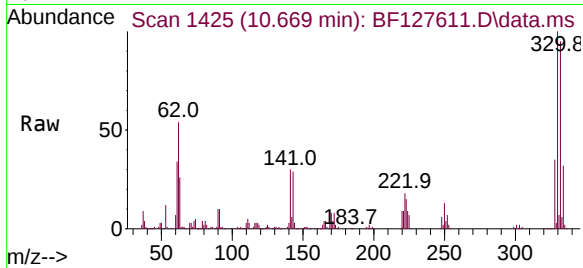




#67
4-Bromophenyl-phenylether
Concen: 4.068 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.235 min
Lab File: BF127611.D
Acq: 01 Apr 2022 14:40

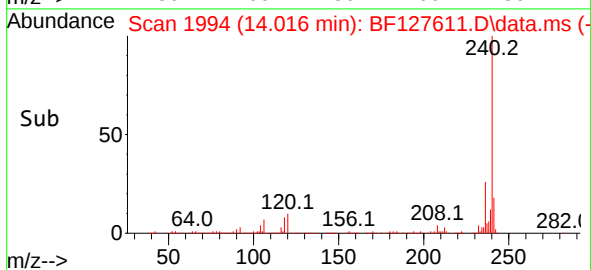
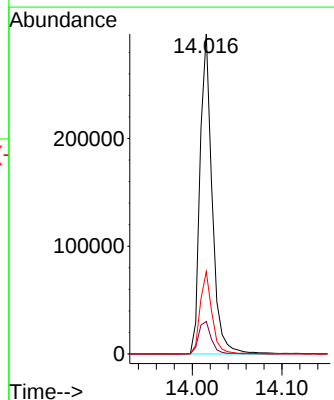
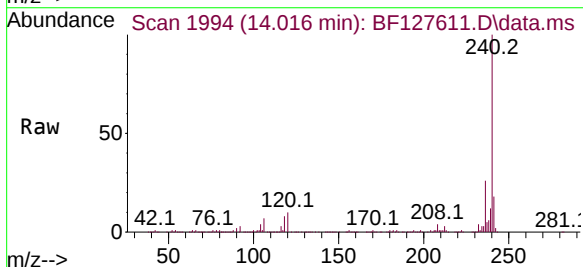
Instrument :
BNA_F
ClientSampleId :
SB-2

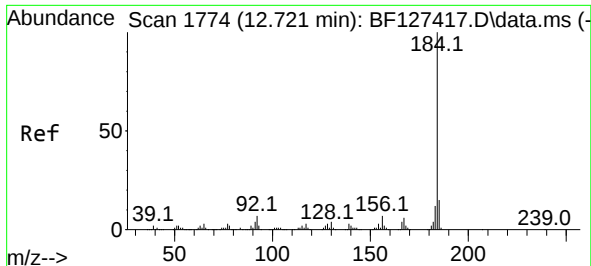
Tgt Ion:248 Resp: 20418
Ion Ratio Lower Upper
248 100
250 212.7 76.6 115.0#
141 485.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127611.D
Acq: 01 Apr 2022 14:40

Tgt Ion:240 Resp: 277752
Ion Ratio Lower Upper
240 100
120 10.2 7.1 10.7
236 25.7 20.7 31.1

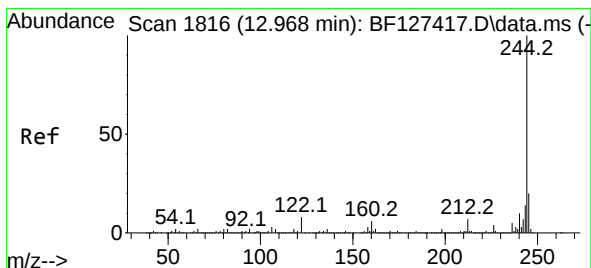
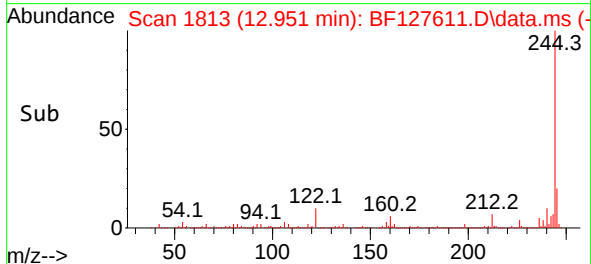
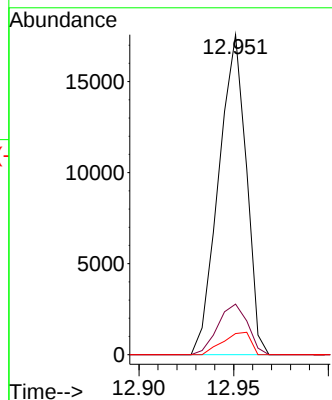
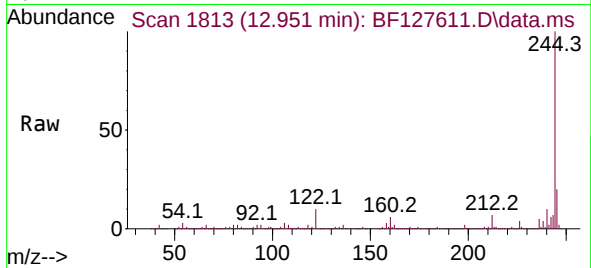




#77
Benzidine
Concen: 2.685 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127611.D
Acq: 01 Apr 2022 14:40

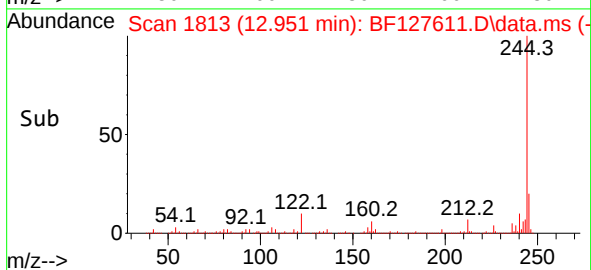
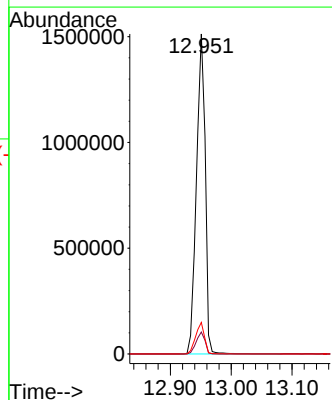
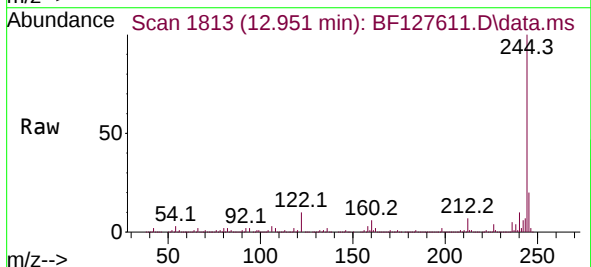
Instrument :
BNA_F
ClientSampleId :
SB-2

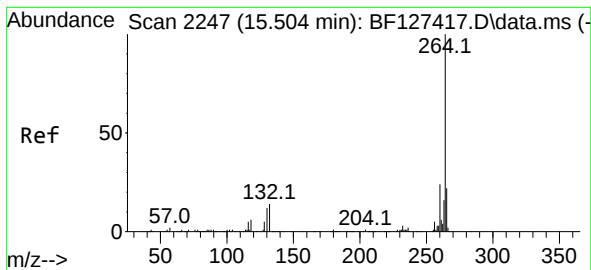
Tgt Ion:184 Resp: 17782
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 6.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 89.457 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127611.D
Acq: 01 Apr 2022 14:40

Tgt Ion:244 Resp: 1517814
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.8 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127611.D
Acq: 01 Apr 2022 14:40

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:264 Resp: 207811
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 20.3 17.4 26.2

