

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127613.D
 Acq On : 01 Apr 2022 15:38
 Operator : CG\JU
 Sample : N2217-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Quant Time: Apr 01 16:14:38 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)

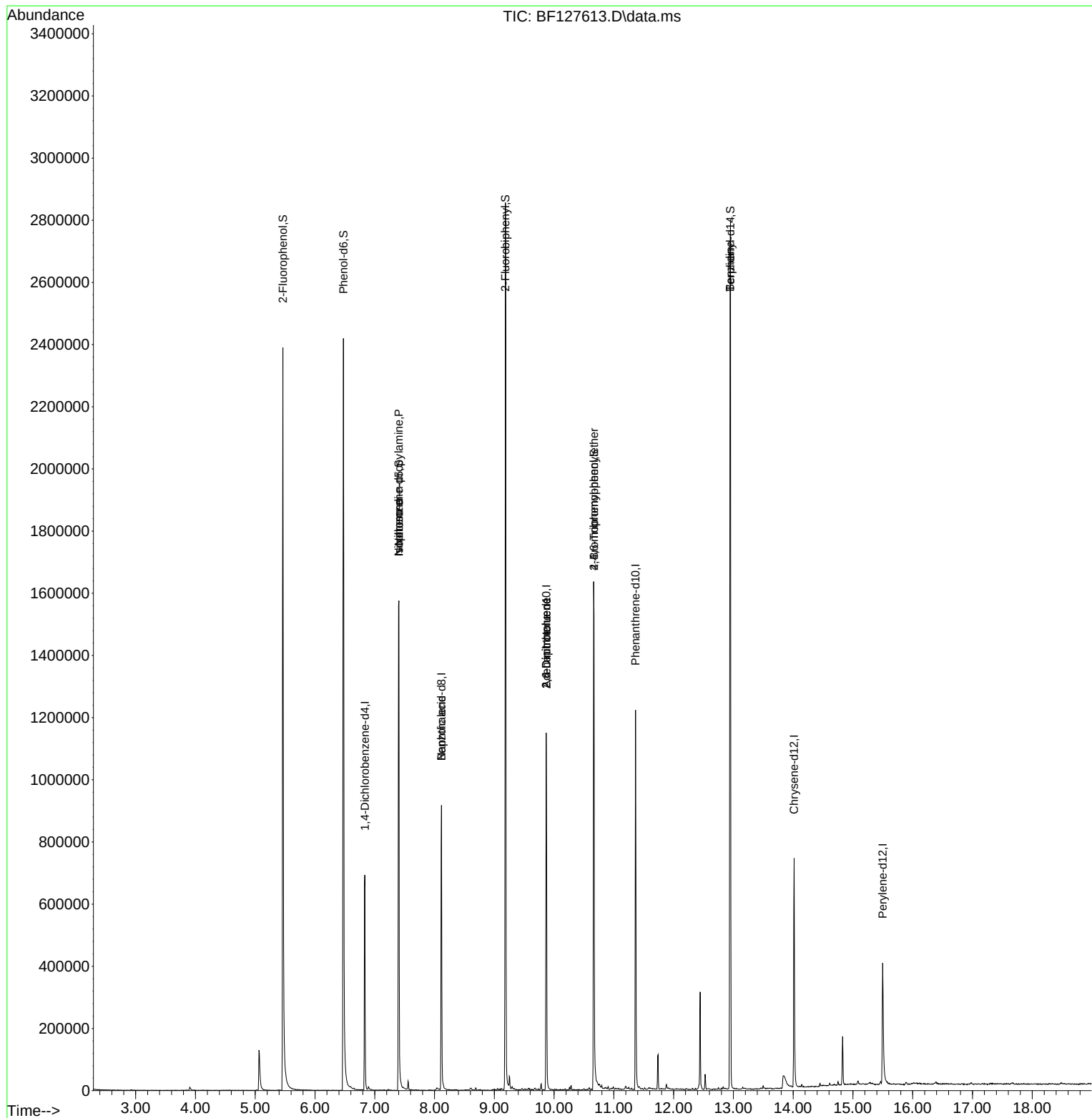
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	104083	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	391804	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	225389	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	414485	20.000	ng	0.00
76) Chrysene-d12	14.015	240	272383	20.000	ng	0.00
86) Perylene-d12	15.498	264	202250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	615203	94.348	ng	0.00
7) Phenol-d6	6.475	99	837691	93.984	ng	0.00
23) Nitrobenzene-d5	7.404	82	563228	61.448	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	208937	87.022	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	926313	60.013	ng	0.00
79) Terphenyl-d14	12.951	244	1052028	63.227	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1147	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	75052	14.048	ng	# 79
25) Isophorone	7.404	82	563221	38.580	ng	# 70
32) Benzoic acid	8.116	122	65	6.060	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	29943	9.097	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	29943	7.068	ng	# 14
58) Fluorene	10.663	166	8383	Below Cal	#	84
67) 4-Bromophenyl-phenylether	10.669	248	14104	2.915	ng	# 1
77) Benzidine	12.945	184	13584	2.092	ng	# 91

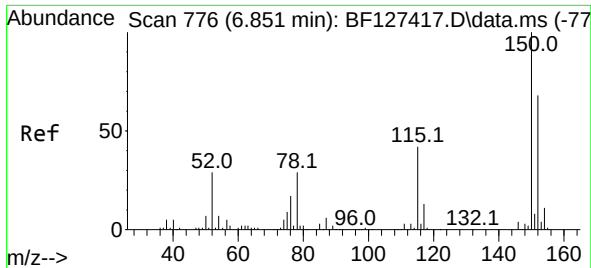
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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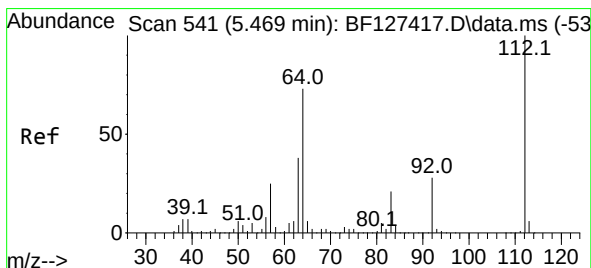
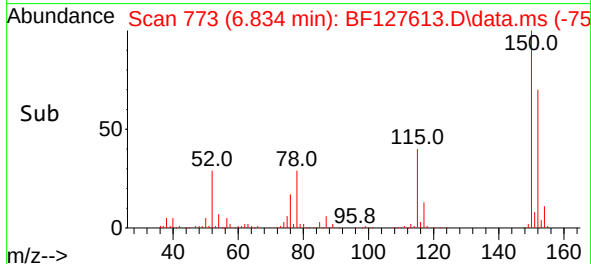
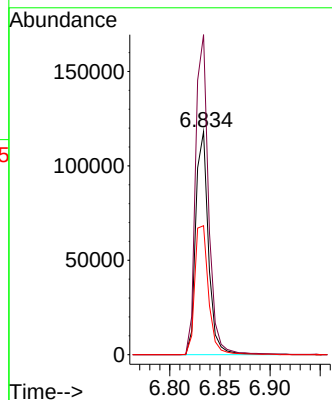
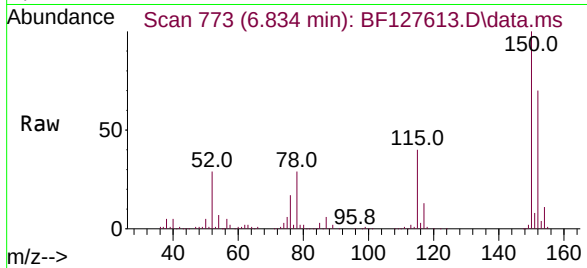




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127613.D
 Acq: 01 Apr 2022 15:38

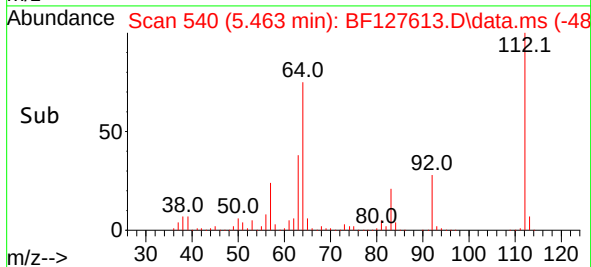
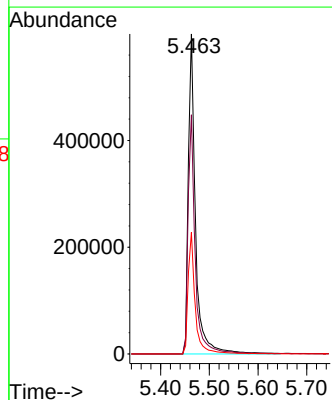
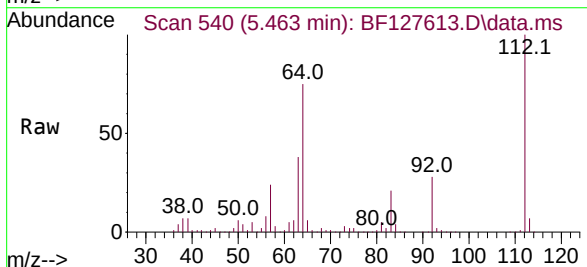
Instrument :
 BNA_F
 ClientSampleId :
 SB-6

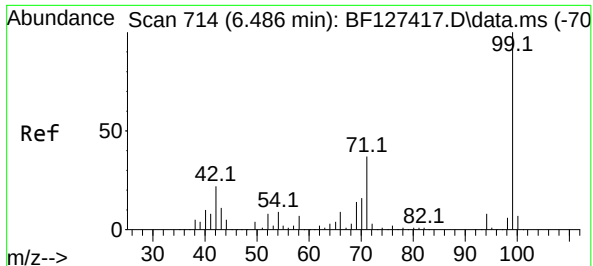
Tgt Ion:152 Resp: 104083
 Ion Ratio Lower Upper
 152 100
 150 143.5 117.2 175.8
 115 57.8 49.8 74.6



#5
 2-Fluorophenol
 Concen: 94.348 ng
 RT: 5.463 min Scan# 540
 Delta R.T. 0.006 min
 Lab File: BF127613.D
 Acq: 01 Apr 2022 15:38

Tgt Ion:112 Resp: 615203
 Ion Ratio Lower Upper
 112 100
 64 74.7 58.4 87.6
 63 38.0 30.1 45.1

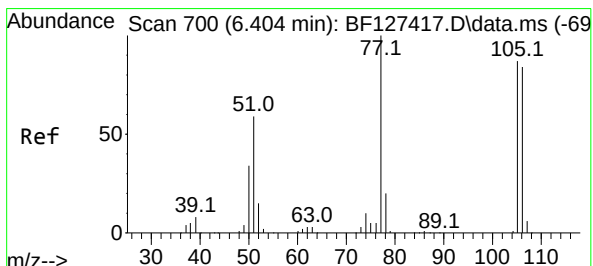
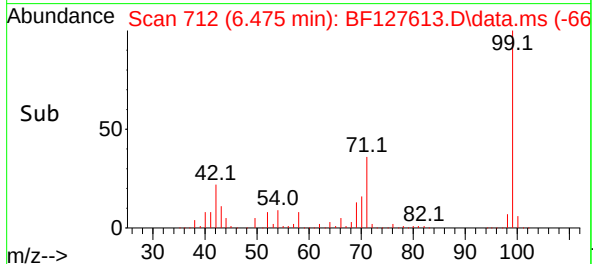
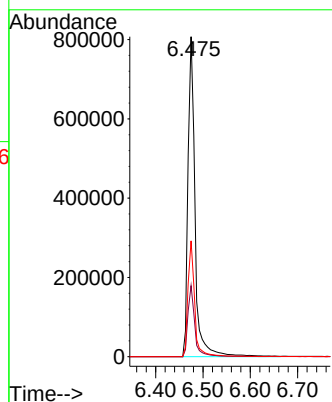
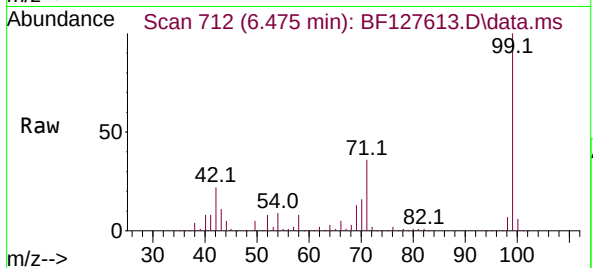




#7
Phenol-d6
Concen: 93.984 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127613.D
Acq: 01 Apr 2022 15:38

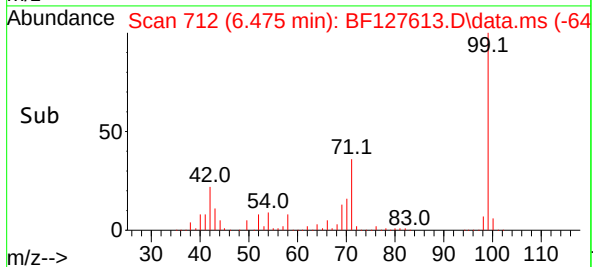
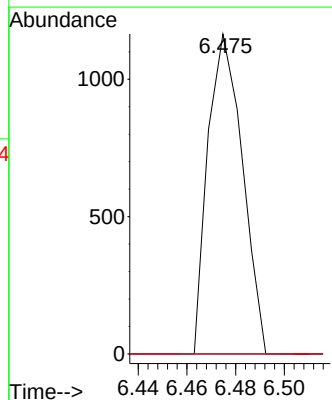
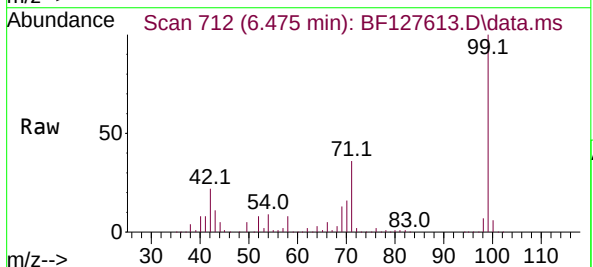
Instrument :
BNA_F
ClientSampleId :
SB-6

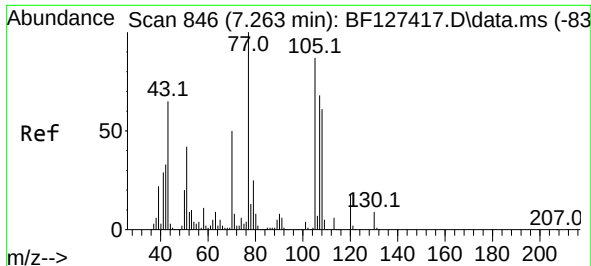
Tgt Ion: 99 Resp: 837691
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 36.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.082 min
Lab File: BF127613.D
Acq: 01 Apr 2022 15:38

Tgt Ion: 77 Resp: 1147
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: 14.048 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127613.D

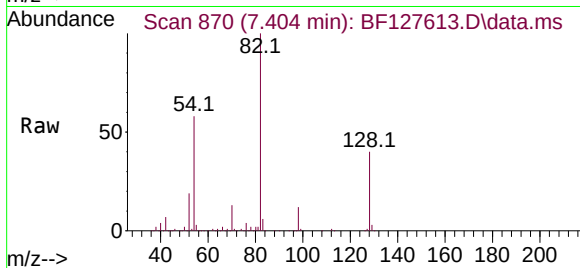
Acq: 01 Apr 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SB-6



Tgt Ion: 70 Resp: 75052

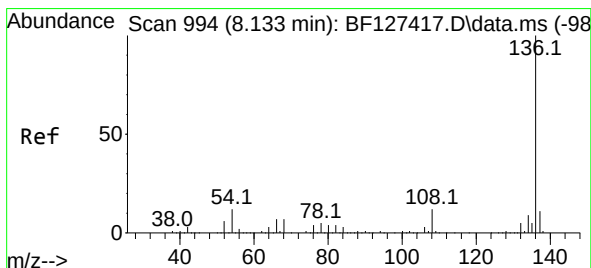
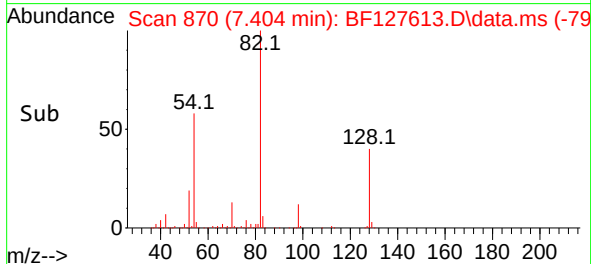
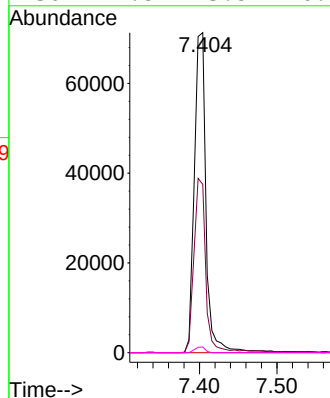
Ion Ratio Lower Upper

70 100

42 52.6 53.0 79.6#

101 0.0 6.8 10.2#

130 1.8 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: BF127613.D

Acq: 01 Apr 2022 15:38

Tgt Ion: 136 Resp: 391804

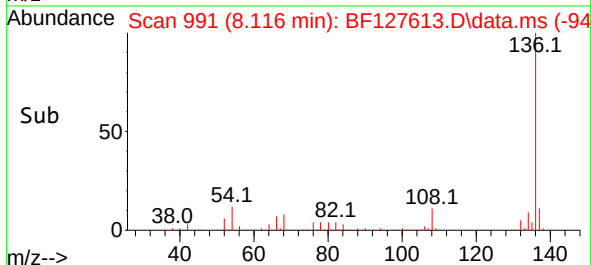
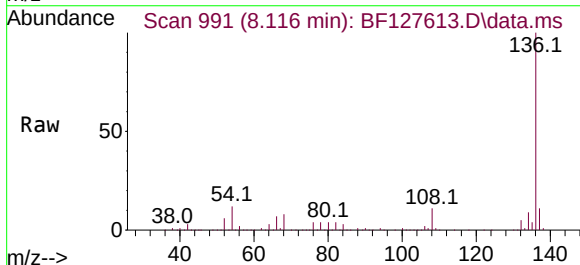
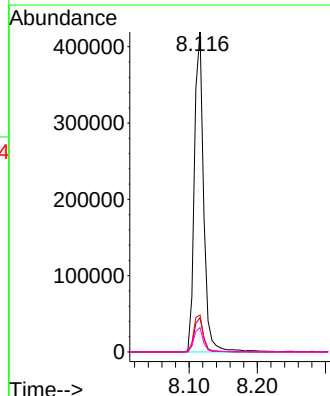
Ion Ratio Lower Upper

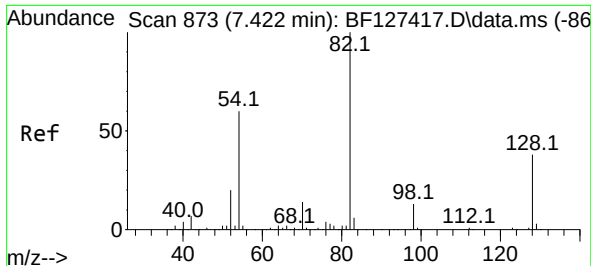
136 100

137 10.7 8.6 13.0

54 11.5 9.2 13.8

68 7.6 5.4 8.0

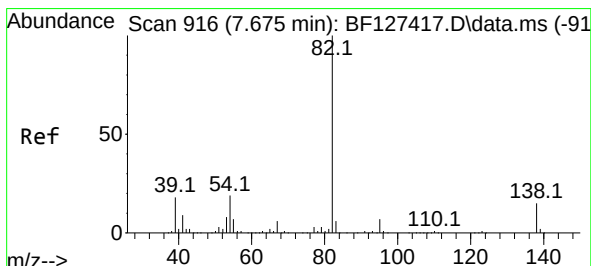
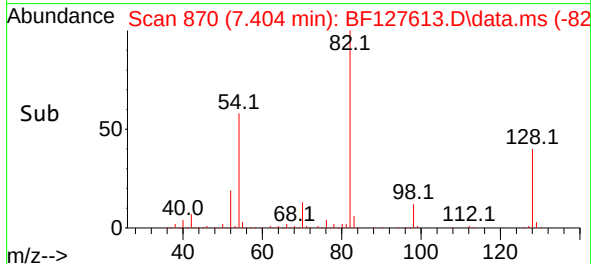
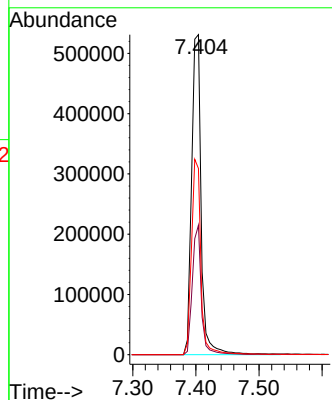
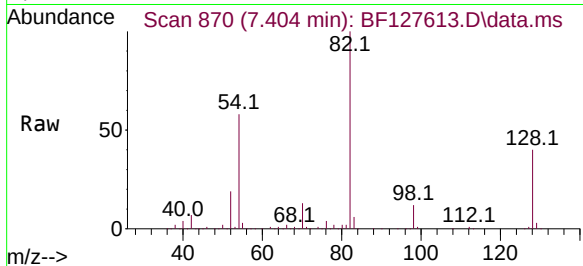




#23
Nitrobenzene-d5
Concen: 61.448 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127613.D
Acq: 01 Apr 2022 15:38

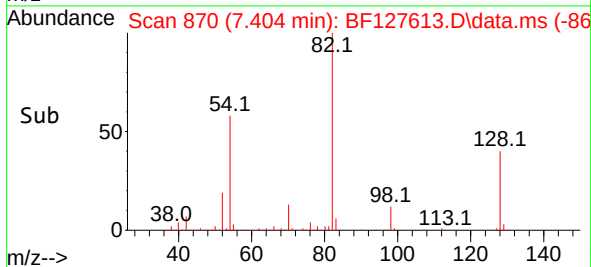
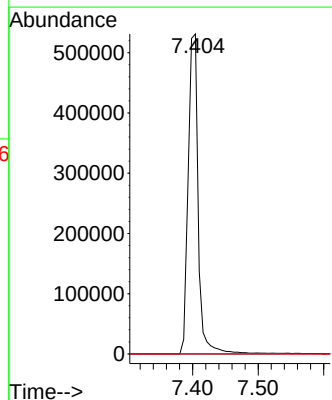
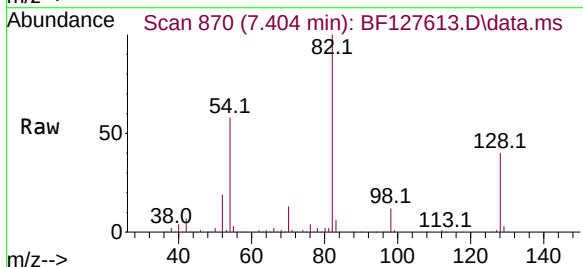
Instrument :
BNA_F
ClientSampleId :
SB-6

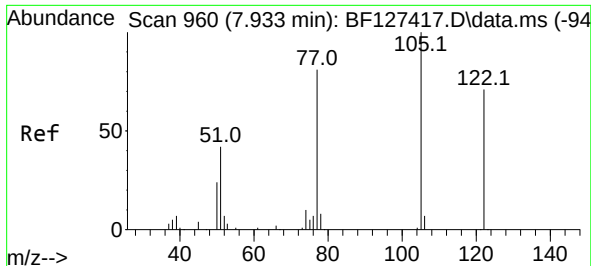
Tgt Ion: 82 Resp: 563228
Ion Ratio Lower Upper
82 100
128 40.5 30.6 45.8
54 58.2 48.2 72.2



#25
Isophorone
Concen: 38.580 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127613.D
Acq: 01 Apr 2022 15:38

Tgt Ion: 82 Resp: 563221
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#





#32

Benzoic acid

Concen: 6.060 ng

RT: 8.116 min Scan# 91

Delta R.T. 0.188 min

Lab File: BF127613.D

Acq: 01 Apr 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SB-6

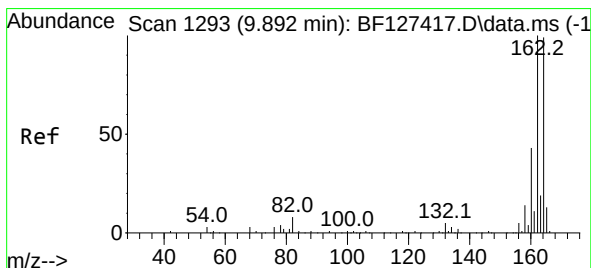
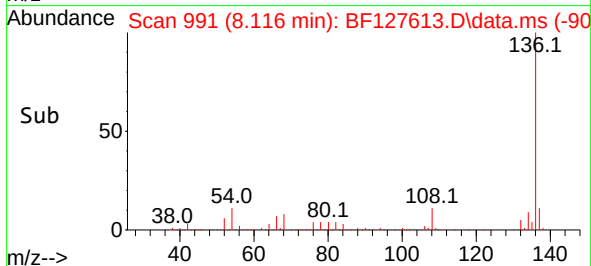
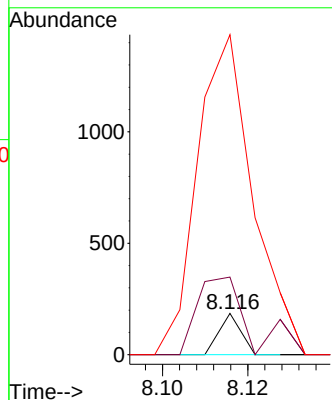
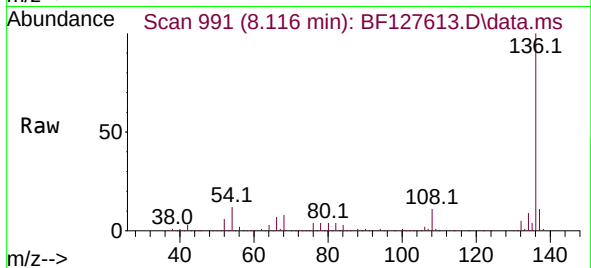
Tgt Ion:122 Resp: 65

Ion Ratio Lower Upper

122 100

105 188.1 117.1 157.1#

77 776.2 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: BF127613.D

Acq: 01 Apr 2022 15:38

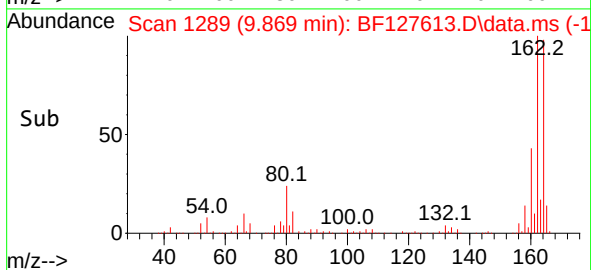
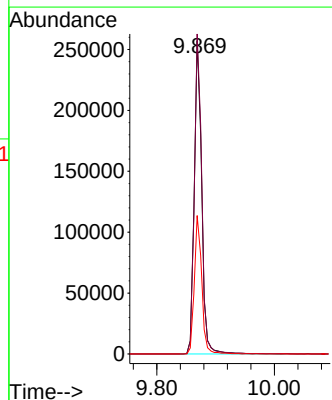
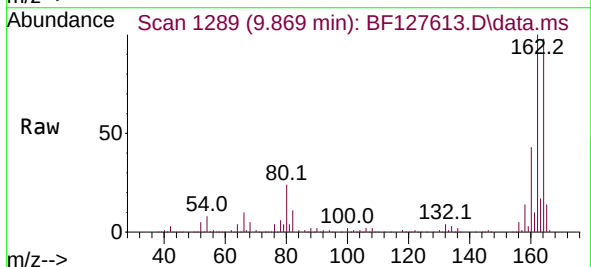
Tgt Ion:164 Resp: 225389

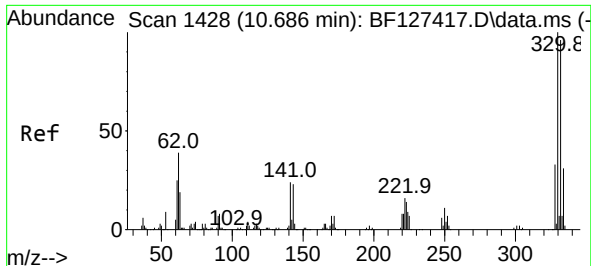
Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

160 44.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 87.022 ng

RT: 10.669 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF127613.D

Acq: 01 Apr 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SB-6

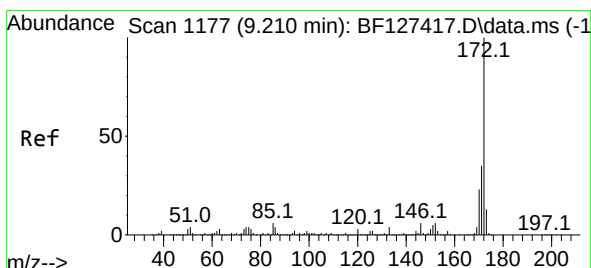
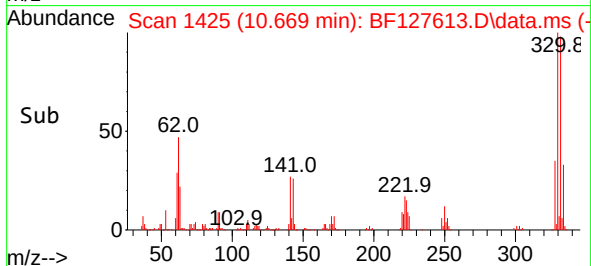
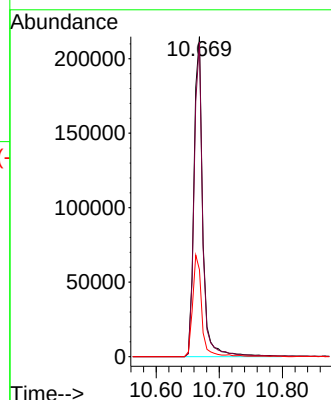
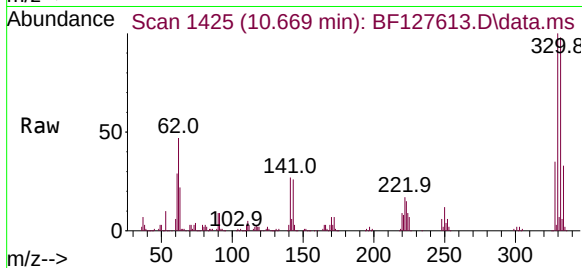
Tgt Ion:330 Resp: 208937

Ion Ratio Lower Upper

330 100

332 95.4 79.1 118.7

141 33.2 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 60.013 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF127613.D

Acq: 01 Apr 2022 15:38

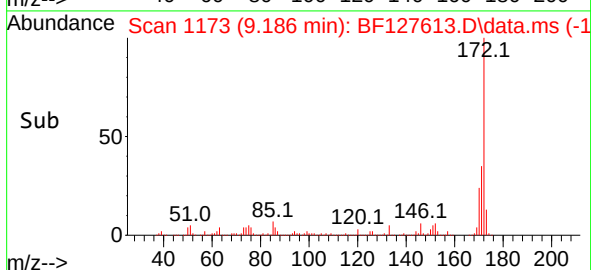
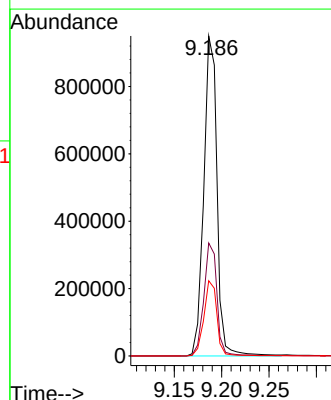
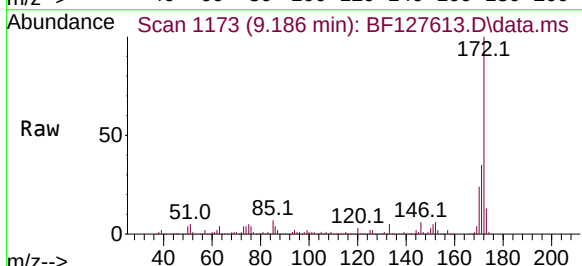
Tgt Ion:172 Resp: 926313

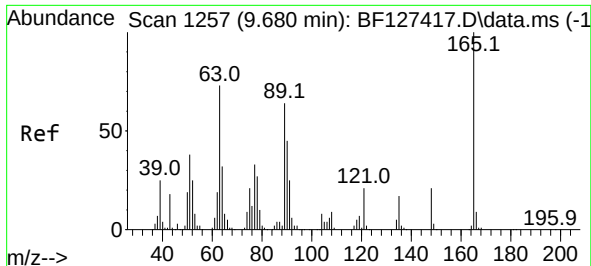
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.5 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 9.097 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127613.D

Acq: 01 Apr 2022 15:38

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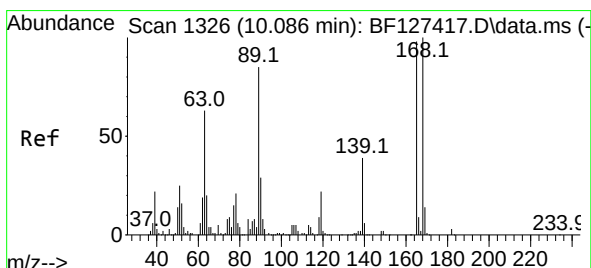
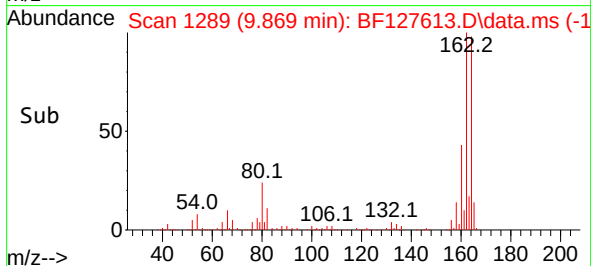
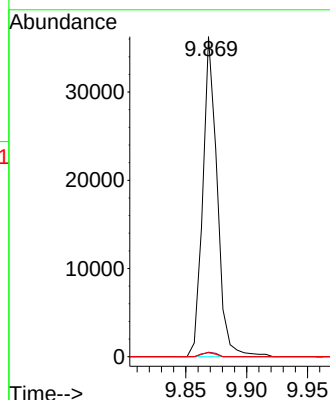
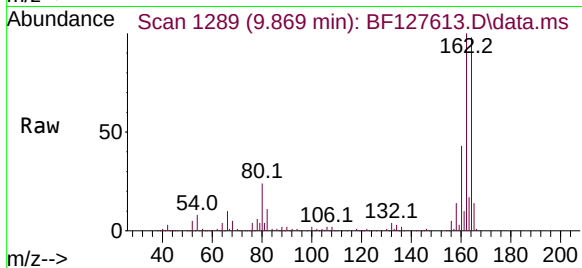
Tgt Ion:165 Resp: 29943

Ion Ratio Lower Upper

165 100

63 1.4 58.3 87.5#

89 1.2 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 7.068 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.206 min

Lab File: BF127613.D

Acq: 01 Apr 2022 15:38

Tgt Ion:165 Resp: 29943

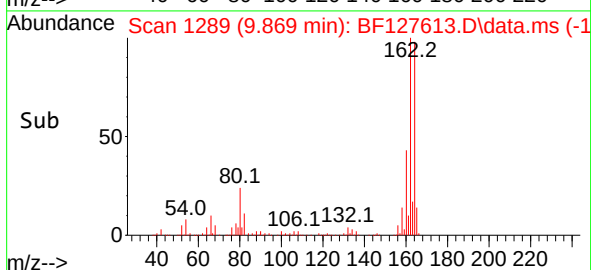
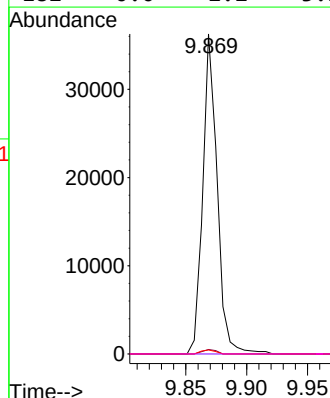
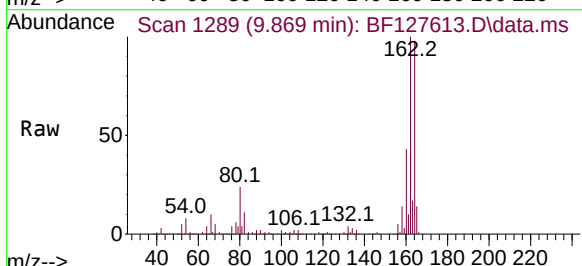
Ion Ratio Lower Upper

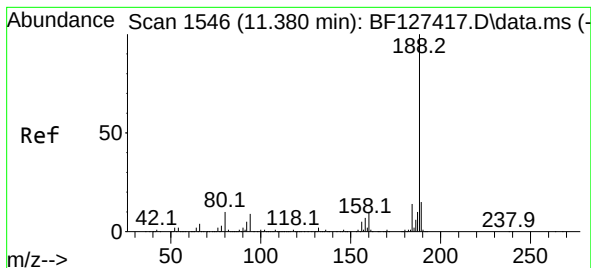
165 100

63 1.4 53.1 79.7#

89 1.2 69.2 103.8#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127613.D

Acq: 01 Apr 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SB-6

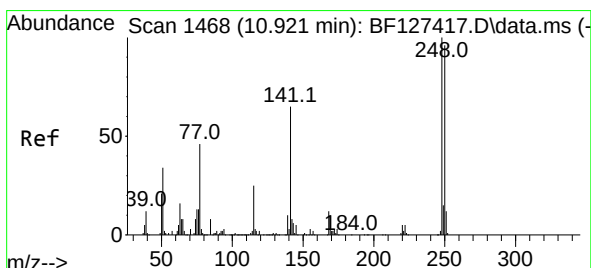
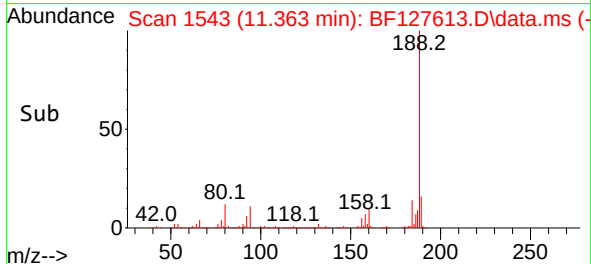
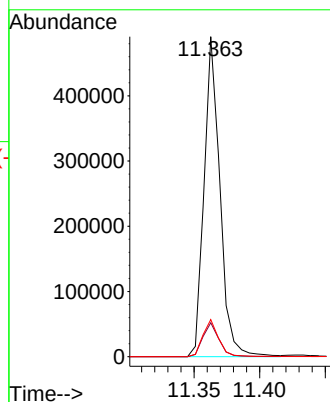
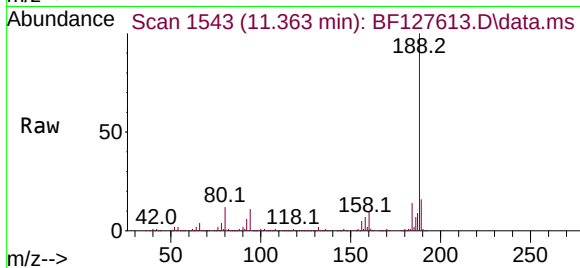
Tgt Ion:188 Resp: 414485

Ion Ratio Lower Upper

188 100

94 10.6 7.4 11.0

80 11.6 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 2.915 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.235 min

Lab File: BF127613.D

Acq: 01 Apr 2022 15:38

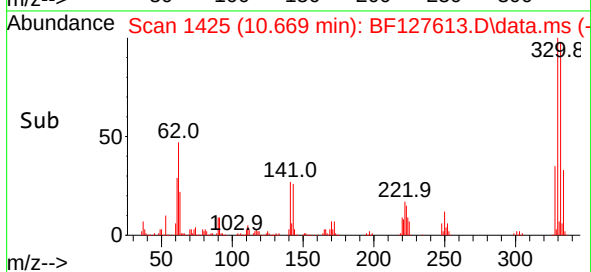
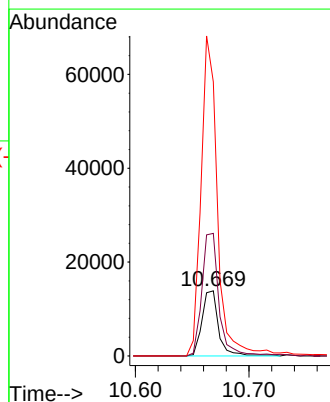
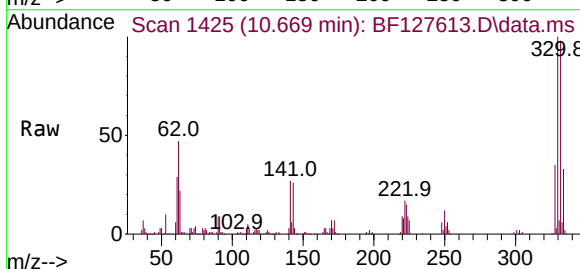
Tgt Ion:248 Resp: 14104

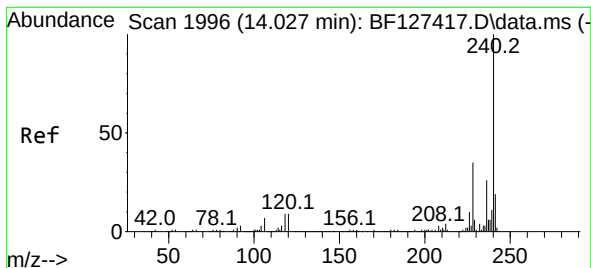
Ion Ratio Lower Upper

248 100

250 188.2 76.6 115.0#

141 421.0 52.2 78.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BF127613.D

Acq: 01 Apr 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SB-6

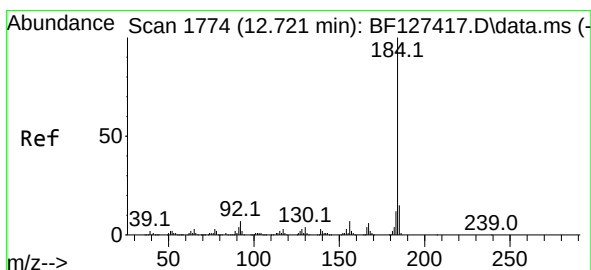
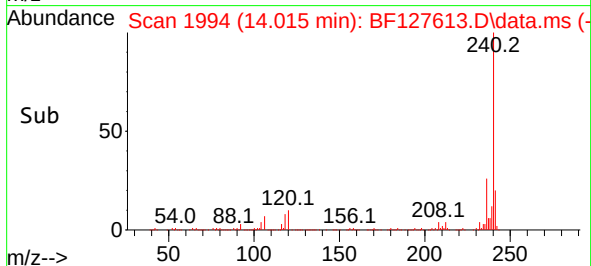
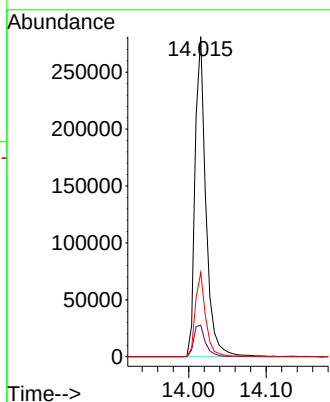
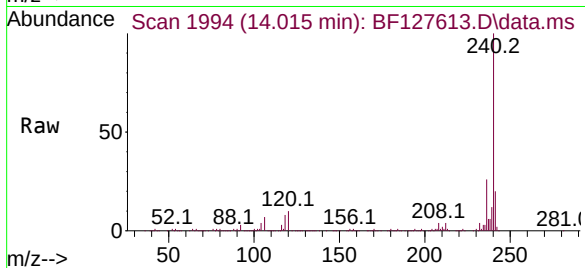
Tgt Ion:240 Resp: 272383

Ion Ratio Lower Upper

240 100

120 9.8 7.1 10.7

236 26.3 20.7 31.1



#77

Benzdine

Concen: 2.092 ng

RT: 12.945 min Scan# 1812

Delta R.T. 0.235 min

Lab File: BF127613.D

Acq: 01 Apr 2022 15:38

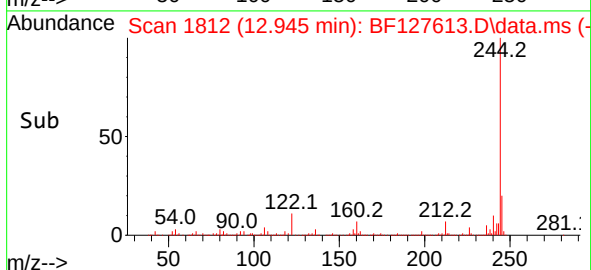
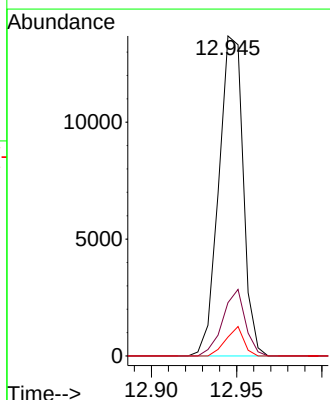
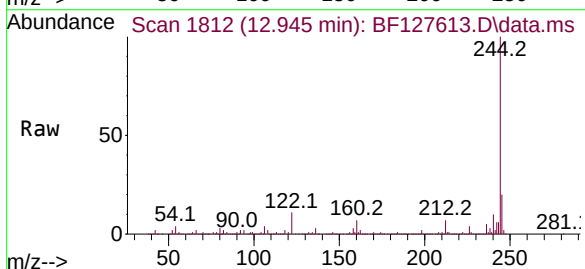
Tgt Ion:184 Resp: 13584

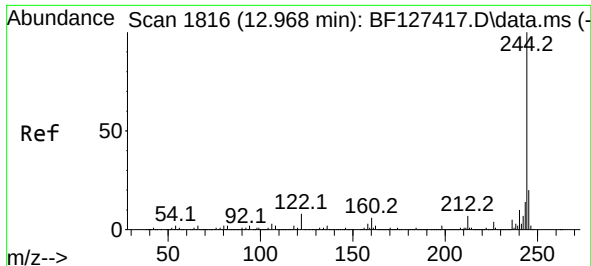
Ion Ratio Lower Upper

184 100

185 16.7 12.2 18.2

183 5.9 9.4 14.0#

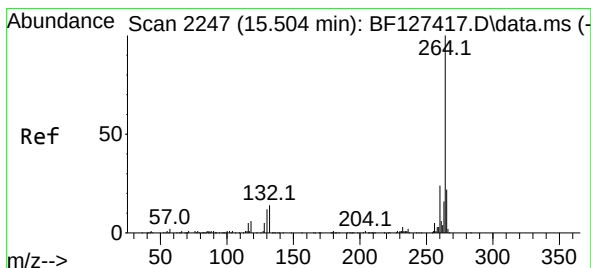
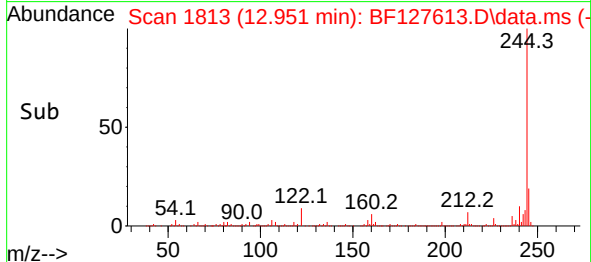
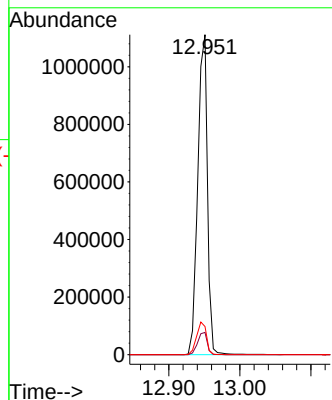
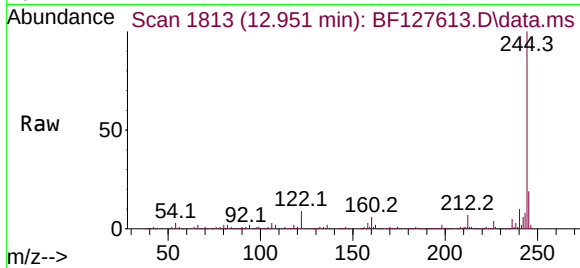




#79
 Terphenyl-d14
 Concen: 63.227 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127613.D
 Acq: 01 Apr 2022 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Tgt Ion:244 Resp: 1052028
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.8 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: BF127613.D
 Acq: 01 Apr 2022 15:38

Tgt Ion:264 Resp: 202250
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.0 17.4 26.2

