

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127610.D
 Acq On : 01 Apr 2022 14:11
 Operator : CG\JU
 Sample : N2217-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1D

Quant Time: Apr 01 16:13:51 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)

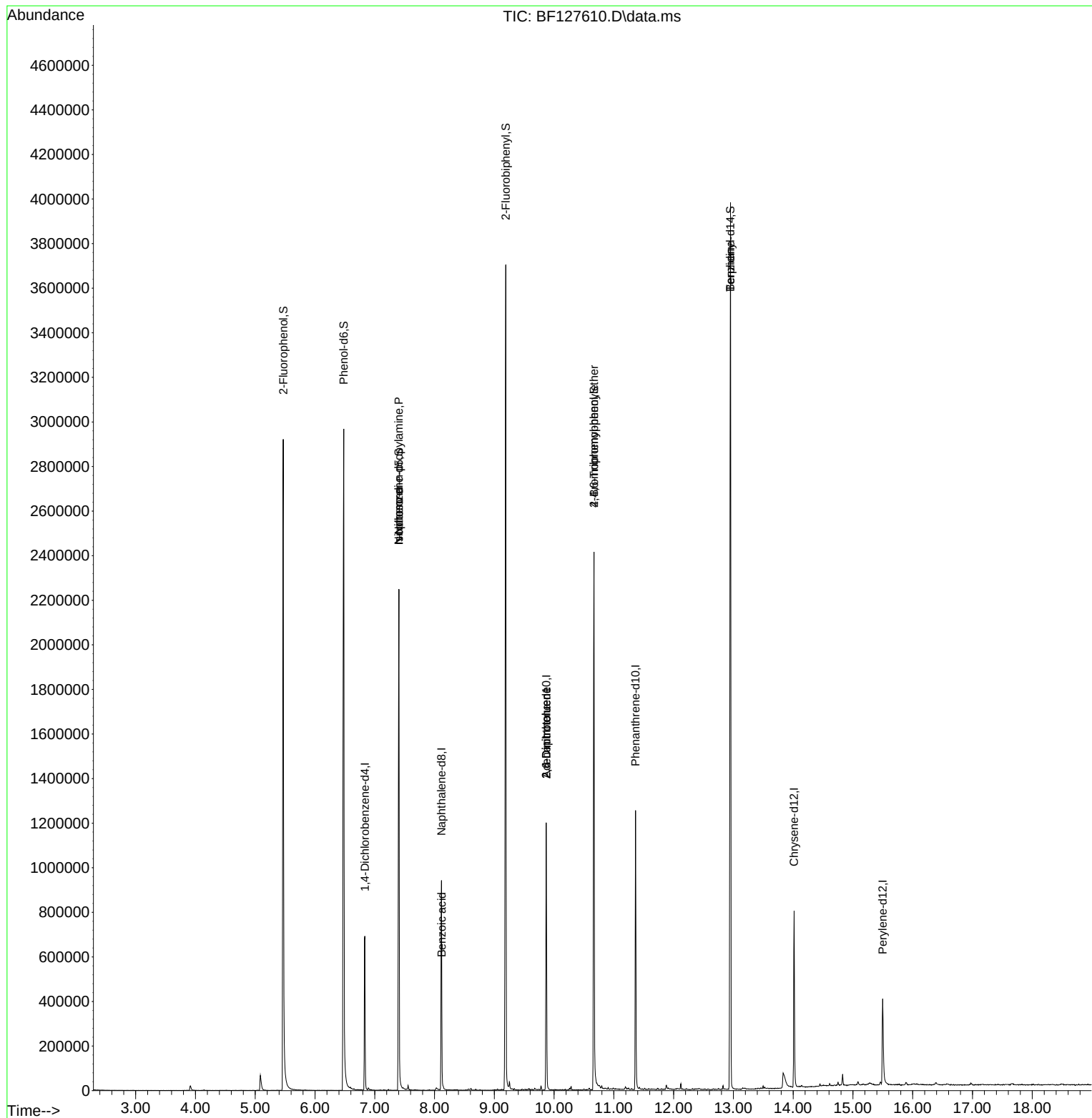
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	106092	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	398088	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	236968	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	428472	20.000	ng	0.00
76) Chrysene-d12	14.015	240	285477	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	200159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	783244	117.844	ng	0.01
7) Phenol-d6	6.481	99	1076963	118.541	ng	0.00
23) Nitrobenzene-d5	7.404	82	750335	80.569	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	297991	118.048	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1260354	77.665	ng	0.00
79) Terphenyl-d14	12.951	244	1460930	83.775	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	1701	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	101977	18.726	ng	# 79
25) Isophorone	7.404	82	750327	50.586	ng	# 70
32) Benzoic acid	8.122	122	53	6.057	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	30604	8.844	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	30604	6.871	ng	# 13
58) Fluorene	10.669	166	11582	Below Cal	#	94
67) 4-Bromophenyl-phenylether	10.669	248	19542	3.906	ng	# 1
77) Benzidine	12.951	184	17893	2.629	ng	# 94

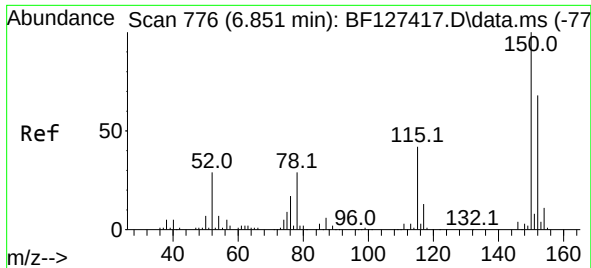
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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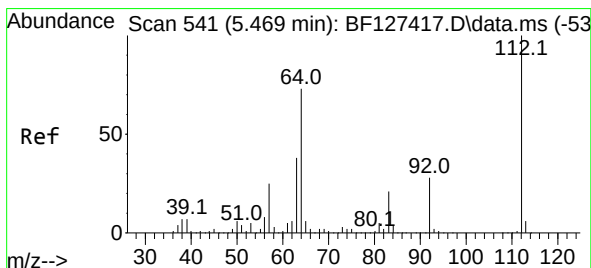
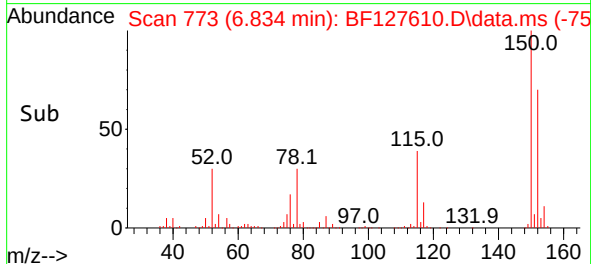
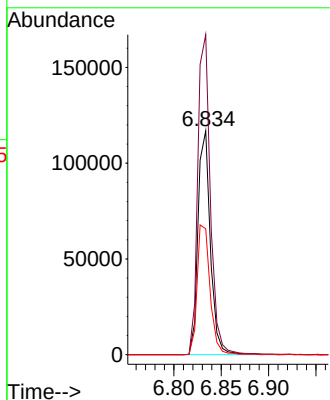
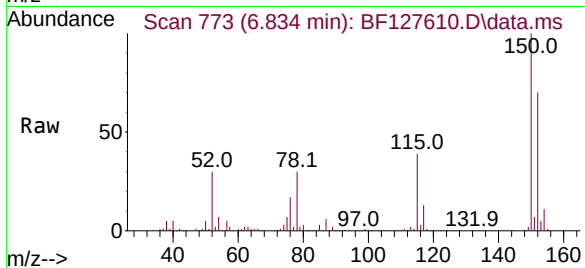




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127610.D
 Acq: 01 Apr 2022 14:11

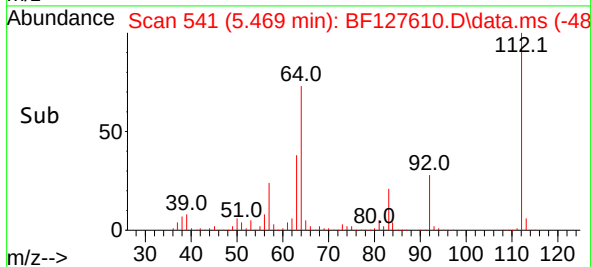
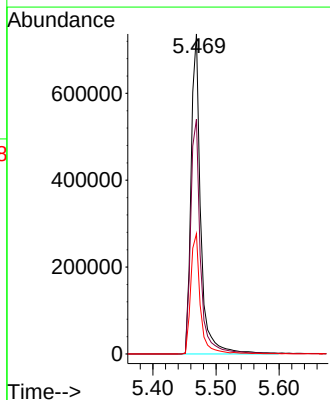
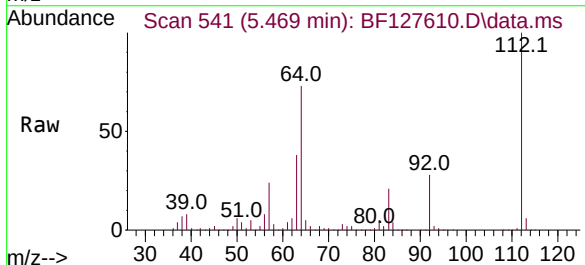
Instrument :
 BNA_F
 ClientSampleId :
 SB-1D

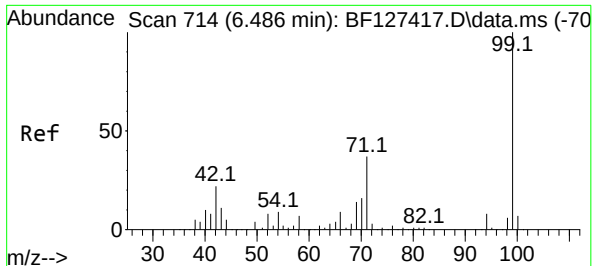
Tgt Ion:152 Resp: 106092
 Ion Ratio Lower Upper
 152 100
 150 142.9 117.2 175.8
 115 56.2 49.8 74.6



#5
 2-Fluorophenol
 Concen: 117.844 ng
 RT: 5.469 min Scan# 541
 Delta R.T. 0.012 min
 Lab File: BF127610.D
 Acq: 01 Apr 2022 14:11

Tgt Ion:112 Resp: 783244
 Ion Ratio Lower Upper
 112 100
 64 73.4 58.4 87.6
 63 37.6 30.1 45.1

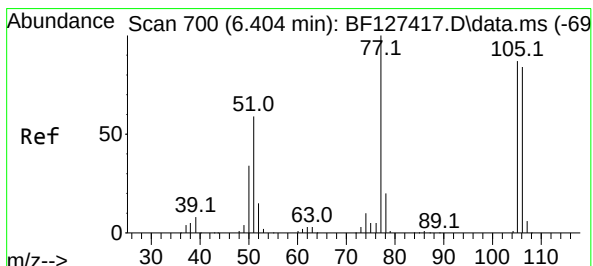
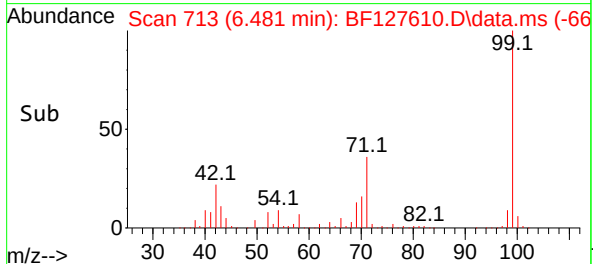
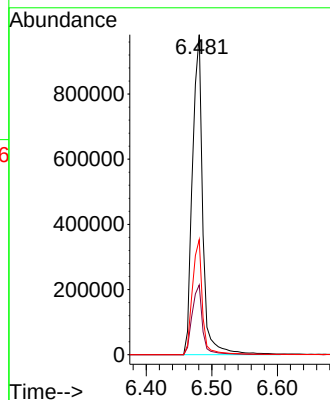
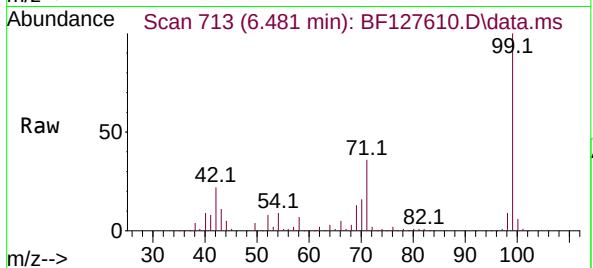




#7
Phenol-d6
Concen: 118.541 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF127610.D
Acq: 01 Apr 2022 14:11

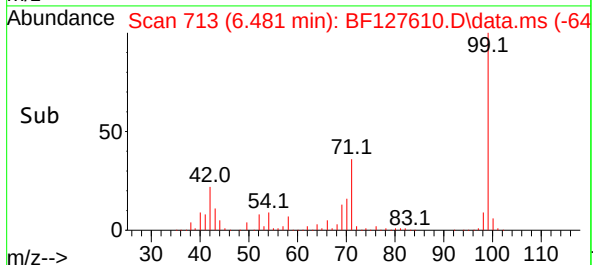
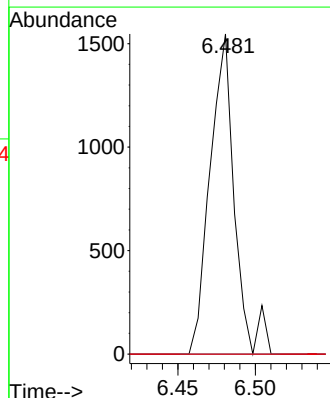
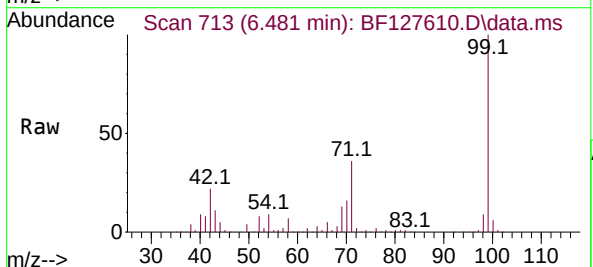
Instrument :
BNA_F
ClientSampleId :
SB-1D

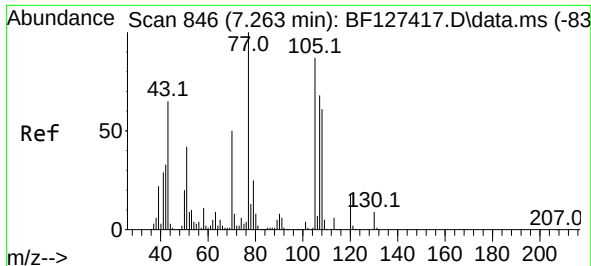
Tgt Ion: 99 Resp: 1076963
Ion Ratio Lower Upper
99 100
42 21.8 17.8 26.6
71 36.0 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.088 min
Lab File: BF127610.D
Acq: 01 Apr 2022 14:11

Tgt Ion: 77 Resp: 1701
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: 18.726 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127610.D

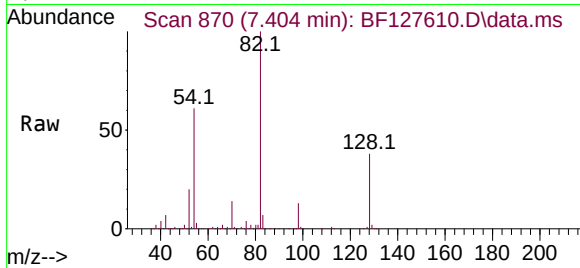
Acq: 01 Apr 2022 14:11

Instrument :

BNA_F

ClientSampleId :

SB-1D



Tgt Ion: 70 Resp: 101977

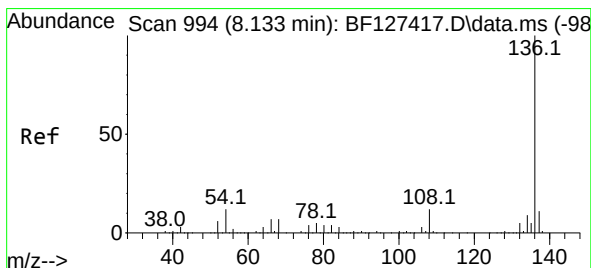
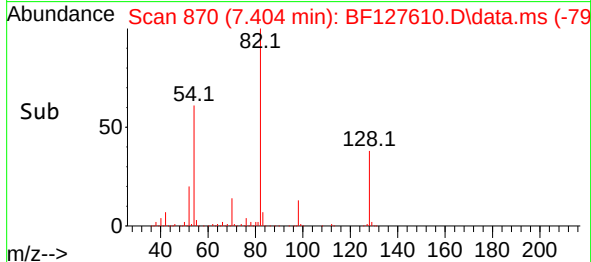
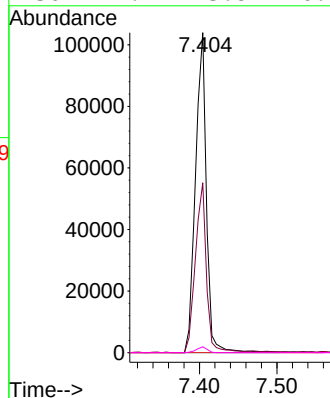
Ion Ratio Lower Upper

70 100

42 53.1 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: BF127610.D

Acq: 01 Apr 2022 14:11

Tgt Ion: 136 Resp: 398088

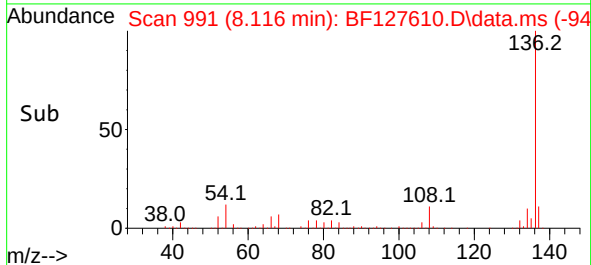
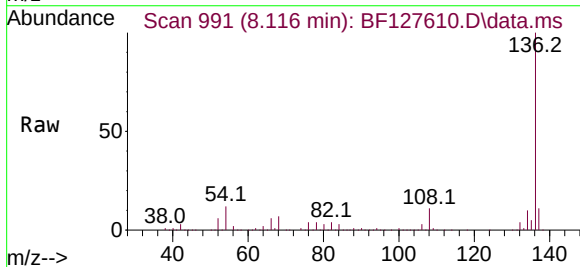
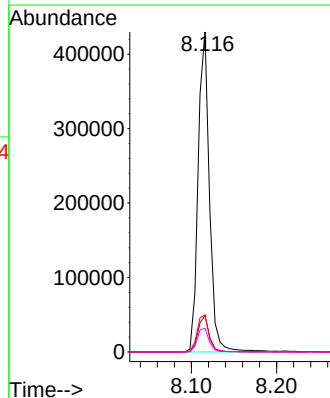
Ion Ratio Lower Upper

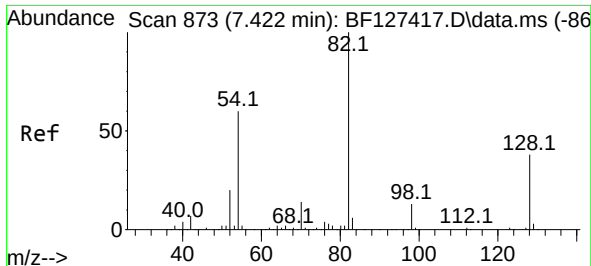
136 100

137 11.3 8.6 13.0

54 11.6 9.2 13.8

68 7.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 80.569 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127610.D

Acq: 01 Apr 2022 14:11

Instrument :

BNA_F

ClientSampleId :

SB-1D

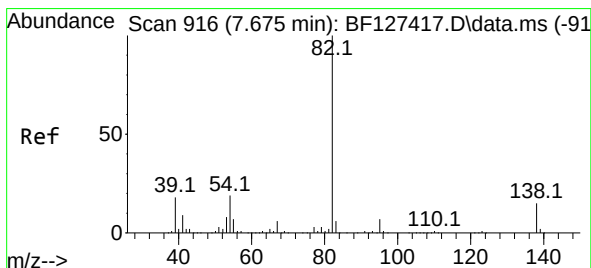
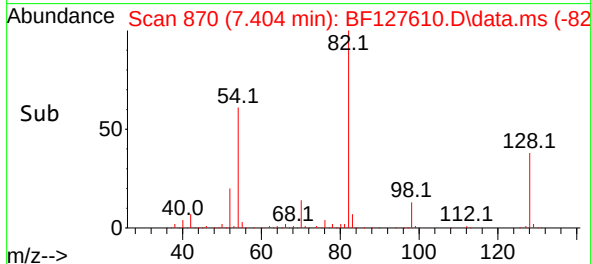
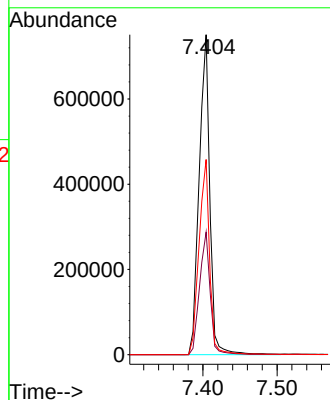
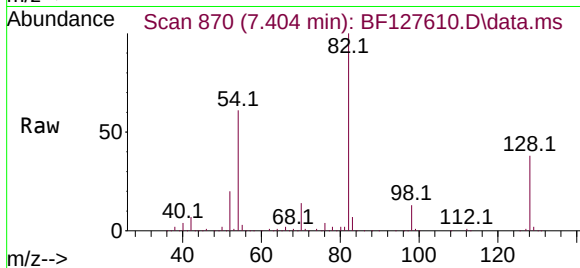
Tgt Ion: 82 Resp: 750335

Ion Ratio Lower Upper

82 100

128 38.3 30.6 45.8

54 61.0 48.2 72.2



#25

Isophorone

Concen: 50.586 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127610.D

Acq: 01 Apr 2022 14:11

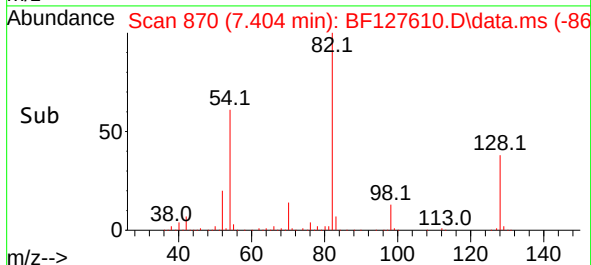
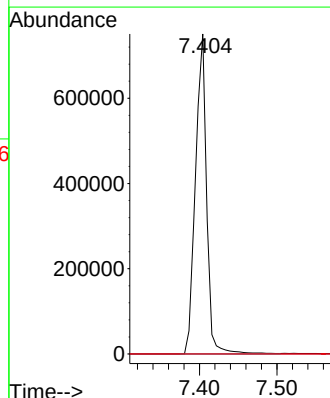
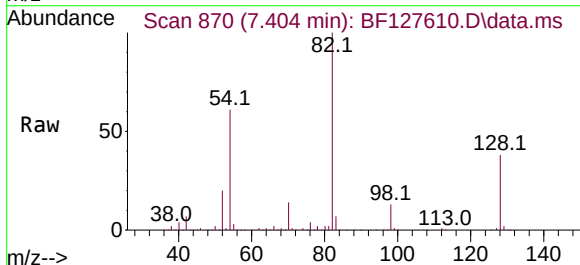
Tgt Ion: 82 Resp: 750327

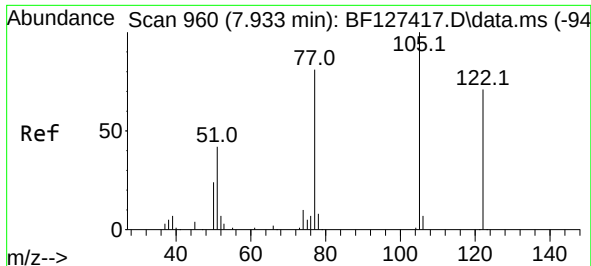
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

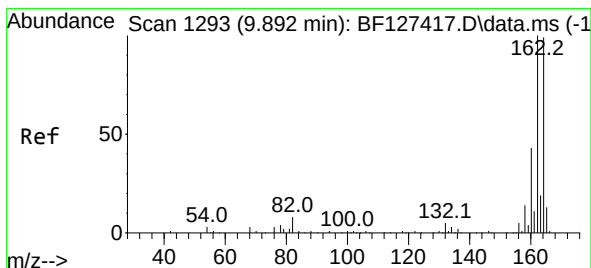
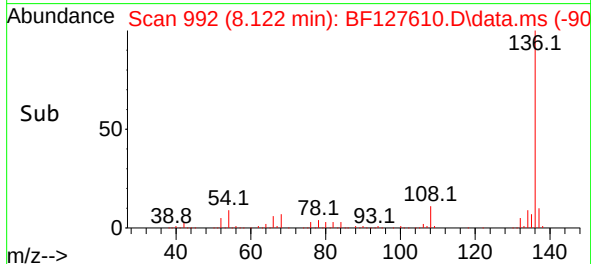
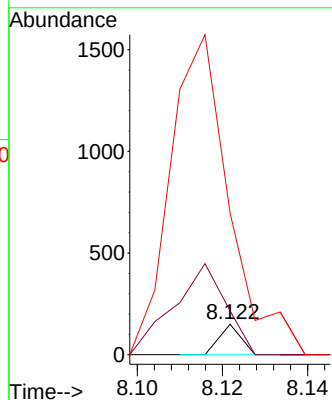
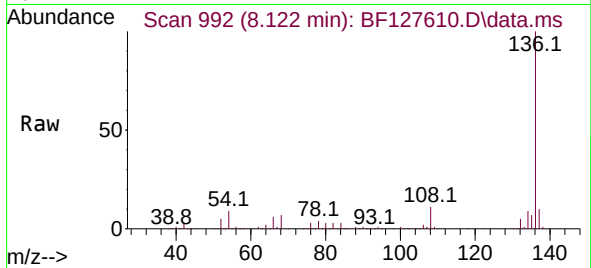




#32
Benzoic acid
Concen: 6.057 ng
RT: 8.122 min Scan# 90
Delta R.T. 0.194 min
Lab File: BF127610.D
Acq: 01 Apr 2022 14:11

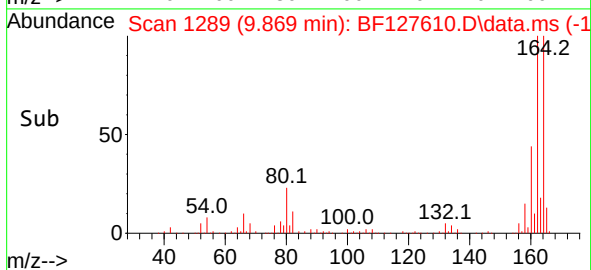
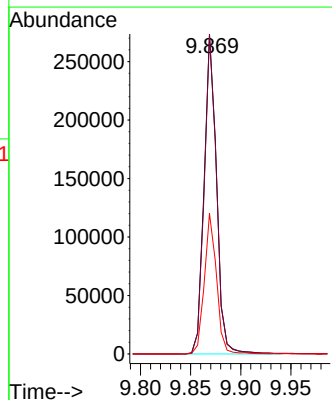
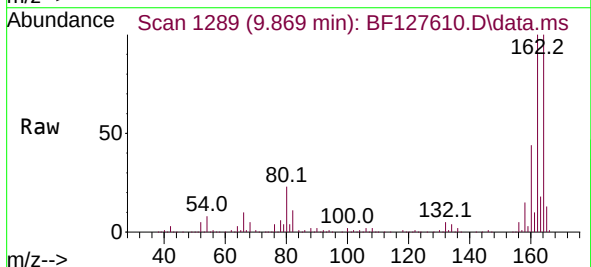
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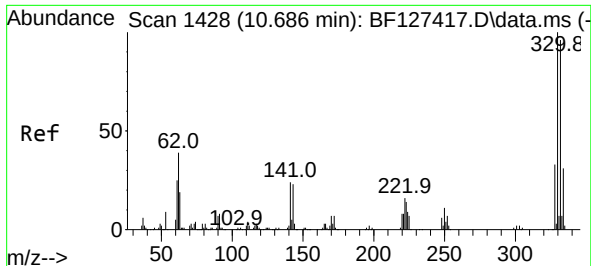
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 143.3 117.1 157.1
77 464.7 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127610.D
Acq: 01 Apr 2022 14:11

Tgt Ion:164 Resp: 236968
Ion Ratio Lower Upper
164 100
162 99.9 81.2 121.8
160 43.9 34.6 52.0

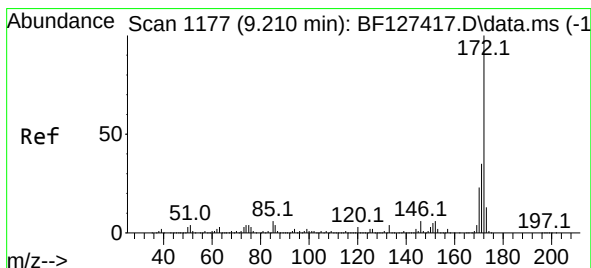
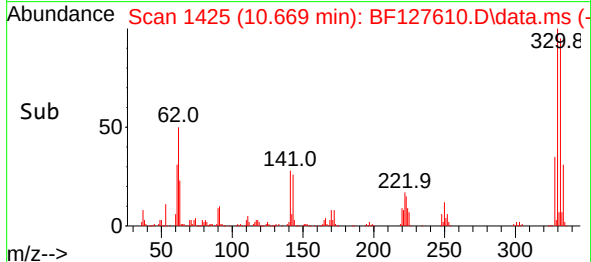
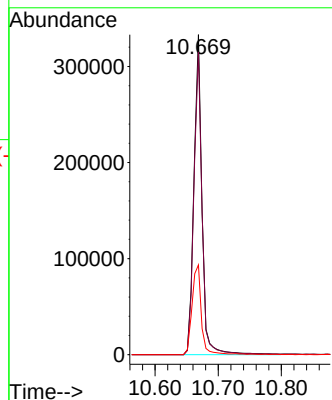
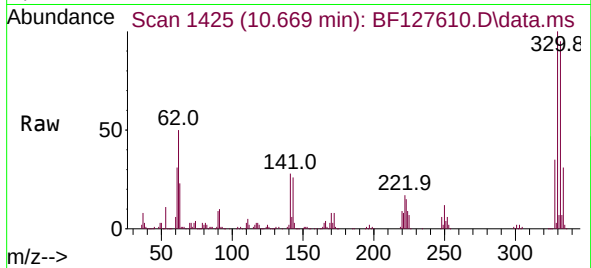




#42
2,4,6-Tribromophenol
Concen: 118.048 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127610.D
Acq: 01 Apr 2022 14:11

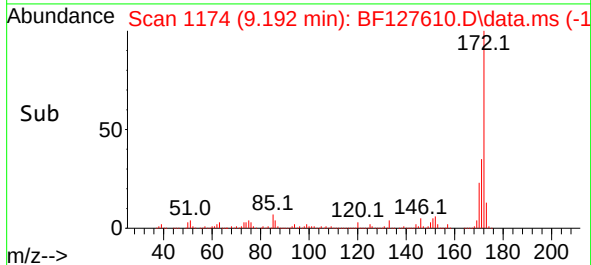
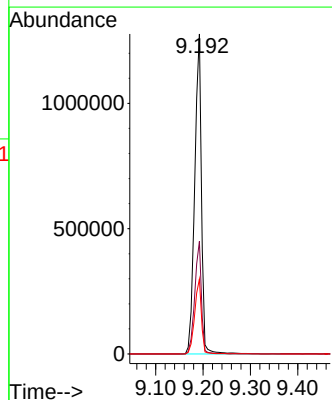
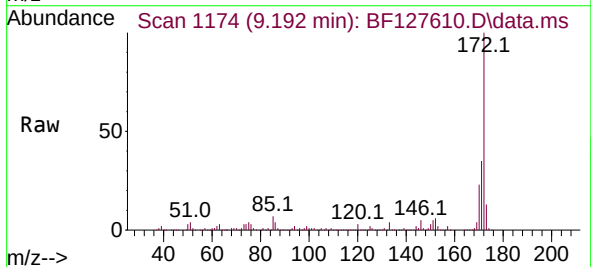
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BNA_F
ClientSampleId :
SB-1D

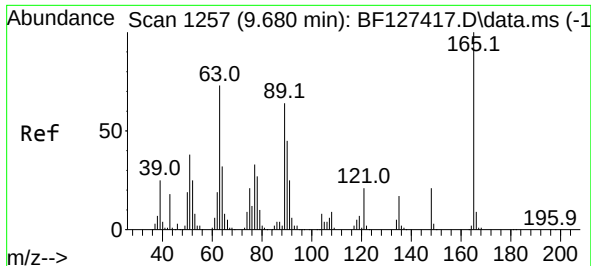
Tgt Ion:330 Resp: 297991
Ion Ratio Lower Upper
330 100
332 95.6 79.1 118.7
141 32.6 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 77.665 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127610.D
Acq: 01 Apr 2022 14:11

Tgt Ion:172 Resp: 1260354
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: 8.844 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127610.D

Acq: 01 Apr 2022 14:11

Instrument :

BNA_F

ClientSampleId :

SB-1D

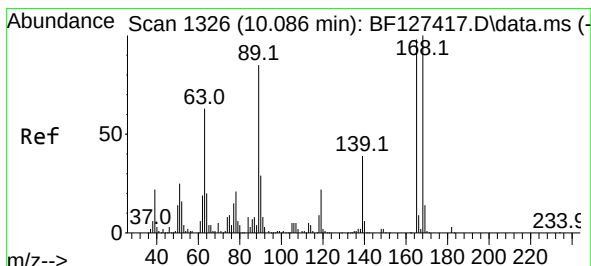
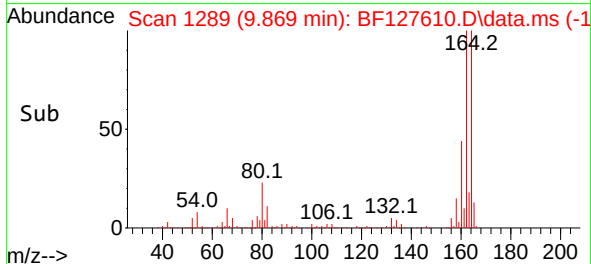
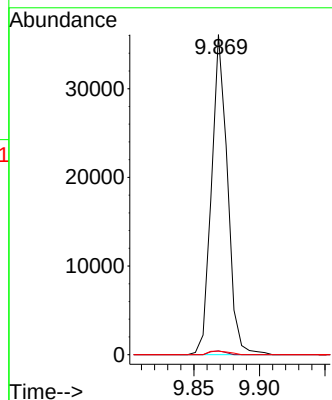
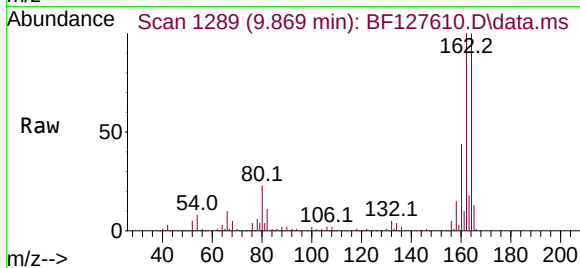
Tgt Ion:165 Resp: 30604

Ion Ratio Lower Upper

165 100

63 1.2 58.3 87.5#

89 1.1 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 6.871 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.206 min

Lab File: BF127610.D

Acq: 01 Apr 2022 14:11

Tgt Ion:165 Resp: 30604

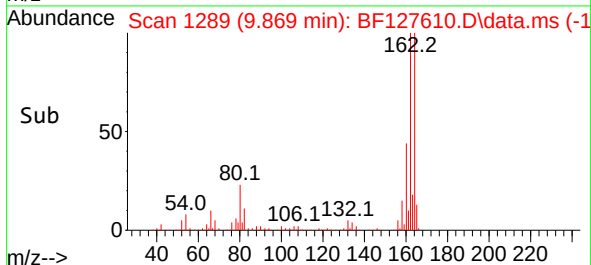
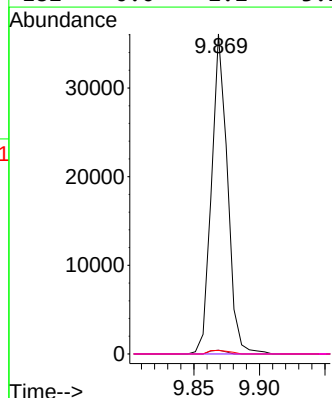
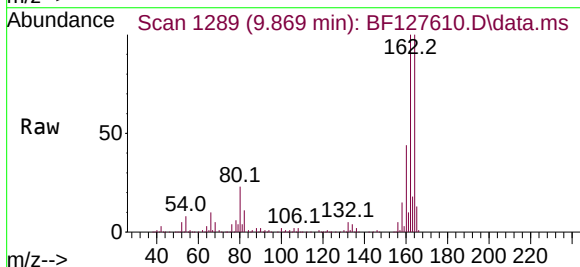
Ion Ratio Lower Upper

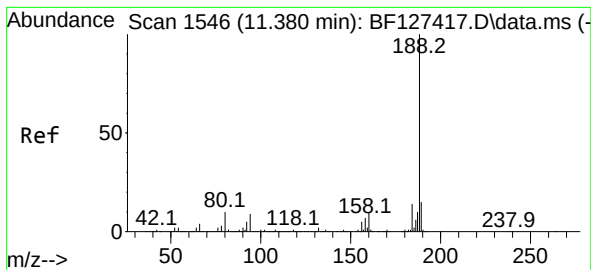
165 100

63 1.2 53.1 79.7#

89 1.1 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: BF127610.D

Acq: 01 Apr 2022 14:11

Instrument :

BNA_F

ClientSampleId :

SB-1D

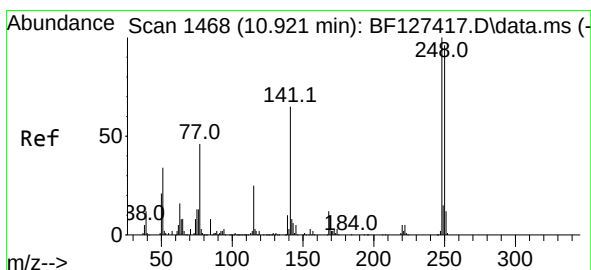
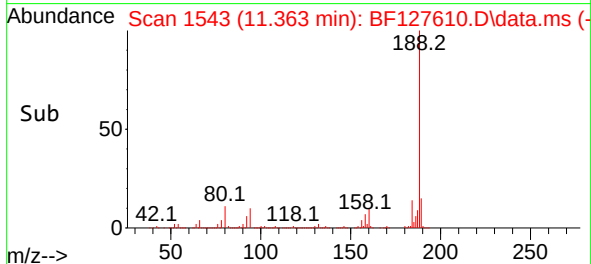
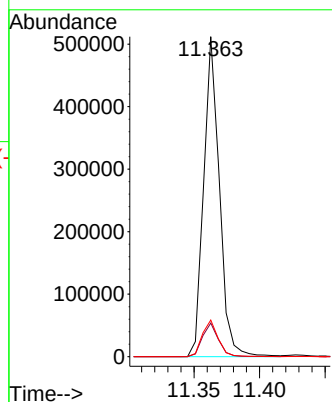
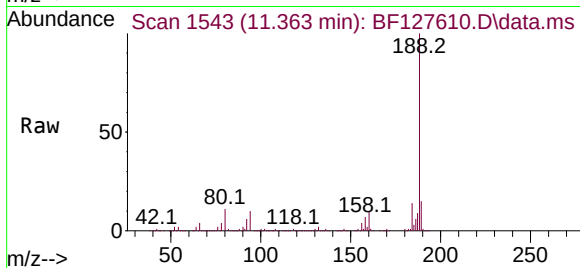
Tgt Ion:188 Resp: 428472

Ion Ratio Lower Upper

188 100

94 10.5 7.4 11.0

80 11.5 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 3.906 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.235 min

Lab File: BF127610.D

Acq: 01 Apr 2022 14:11

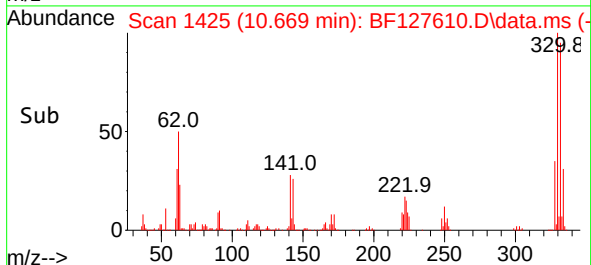
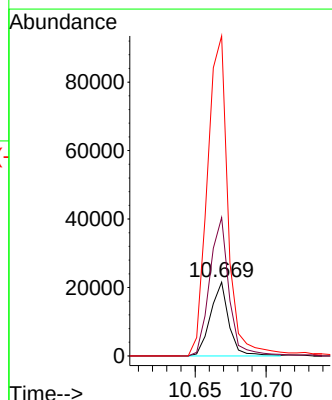
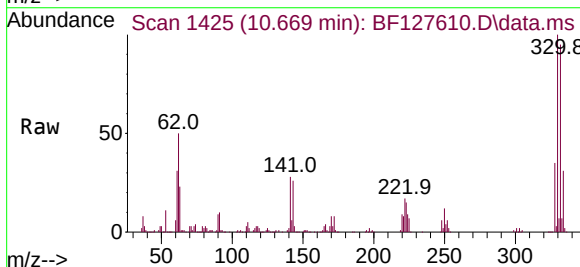
Tgt Ion:248 Resp: 19542

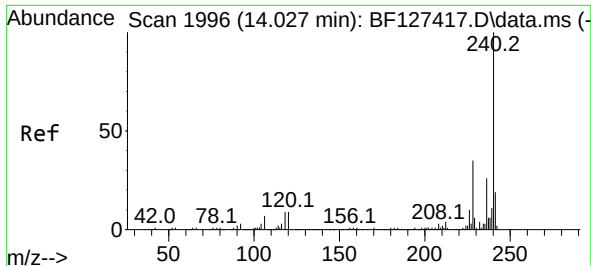
Ion Ratio Lower Upper

248 100

250 187.9 76.6 115.0#

141 434.3 52.2 78.2#

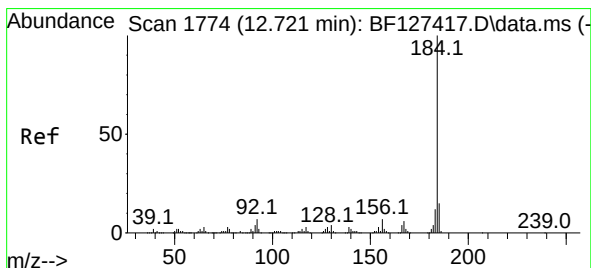
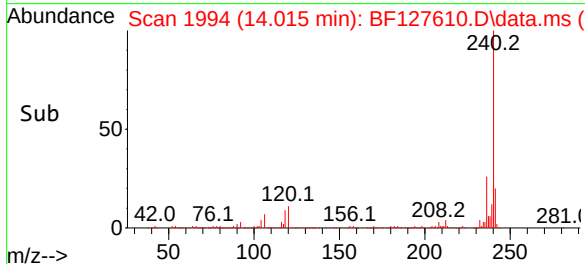
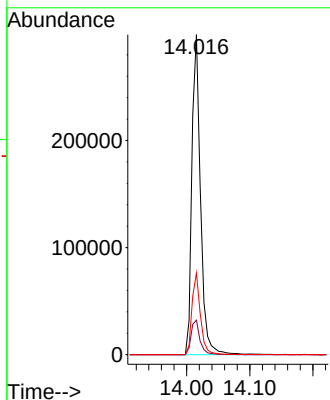
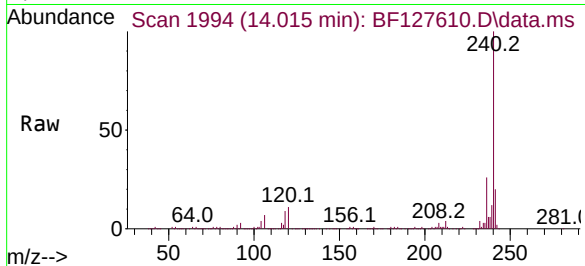




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127610.D
Acq: 01 Apr 2022 14:11

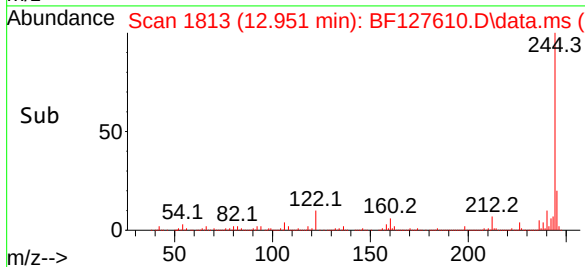
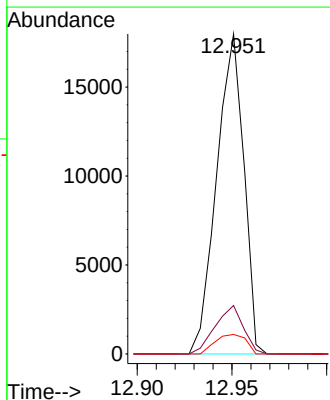
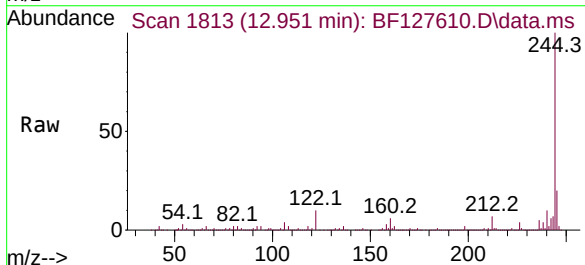
Instrument :
BNA_F
ClientSampleId :
SB-1D

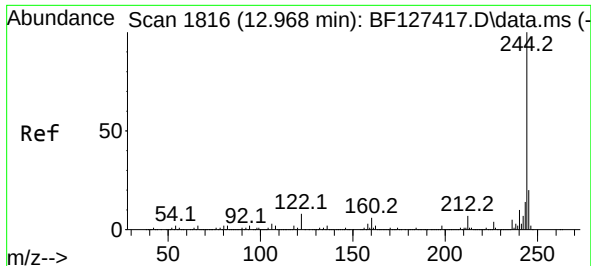
Tgt Ion:240 Resp: 285477
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 25.6 20.7 31.1



#77
Benzidine
Concen: 2.629 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127610.D
Acq: 01 Apr 2022 14:11

Tgt Ion:184 Resp: 17893
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 6.1 9.4 14.0#

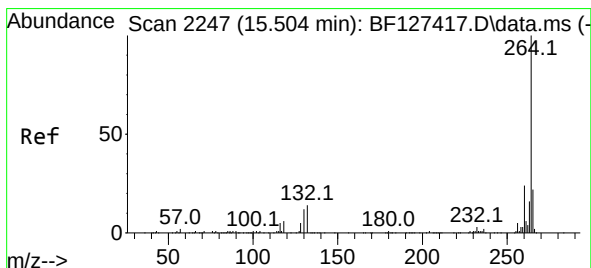
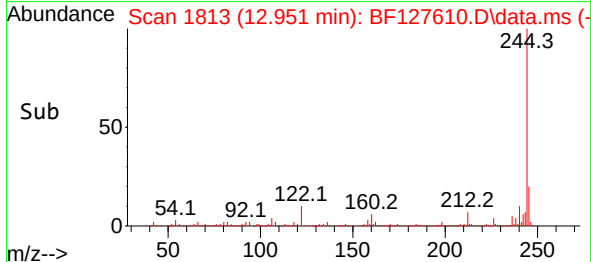
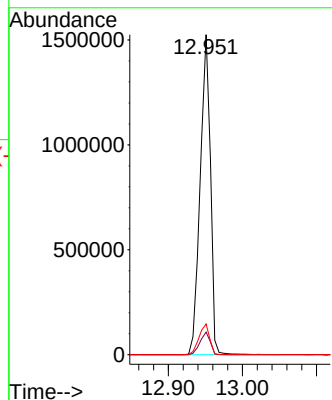
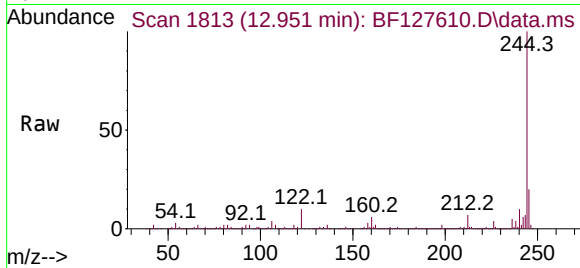




#79
 Terphenyl-d14
 Concen: 83.775 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127610.D
 Acq: 01 Apr 2022 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-1D

Tgt Ion:244 Resp: 1460930
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.6 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: BF127610.D
 Acq: 01 Apr 2022 14:11

Tgt Ion:264 Resp: 200159
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.9 17.4 26.2

