

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127550.D
 Acq On : 28 Mar 2022 19:07
 Operator : CG\JU
 Sample : N2095-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-02-(SB-06)

Quant Time: Mar 29 07:16:58 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)

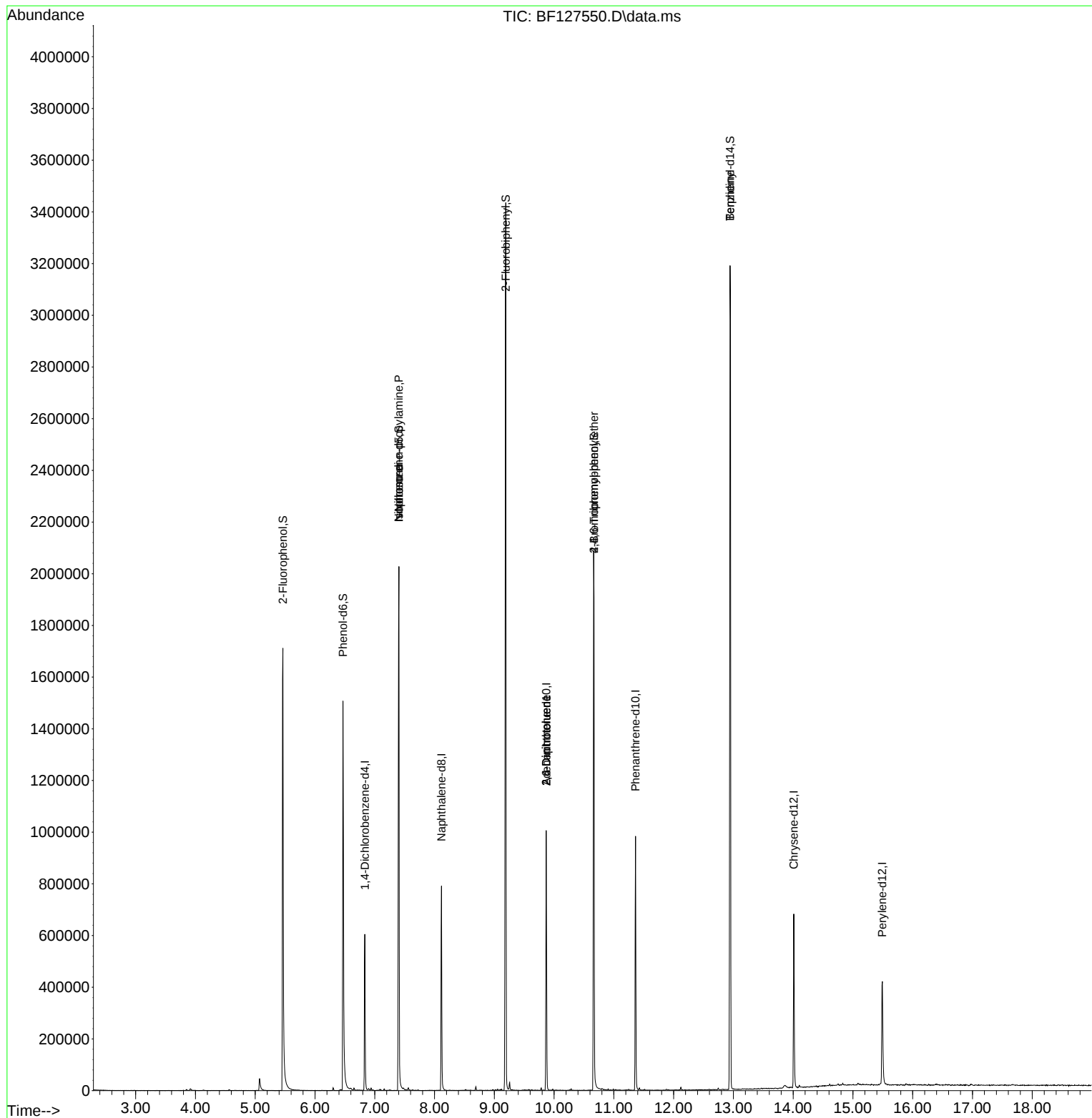
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	88557	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	324305	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	187862	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	334551	20.000	ng	0.00
76) Chrysene-d12	14.010	240	230201	20.000	ng	0.00
86) Perylene-d12	15.492	264	199208	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	487634	87.895	ng	0.00
7) Phenol-d6	6.469	99	473329	62.415	ng	-0.01
23) Nitrobenzene-d5	7.404	82	684872	90.271	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	262514	131.178	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1147177	89.169	ng	0.00
79) Terphenyl-d14	12.945	244	1221850	86.889	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.469	77	907	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	92376	20.321	ng	# 81
25) Isophorone	7.404	82	684866	56.677	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	24228	8.831	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	24228	6.861	ng	# 14
58) Fluorene	10.663	166	10394	Below Cal	#	83
67) 4-Bromophenyl-phenylether	10.669	248	17346	4.441	ng	# 1
77) Benzidine	12.945	184	14734	2.684	ng	# 90

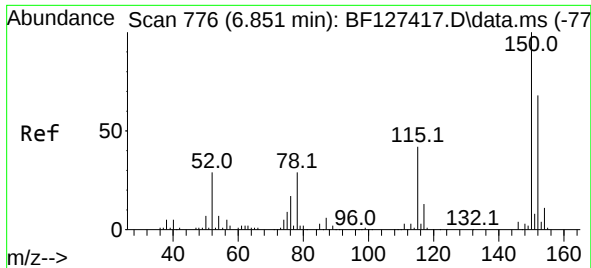
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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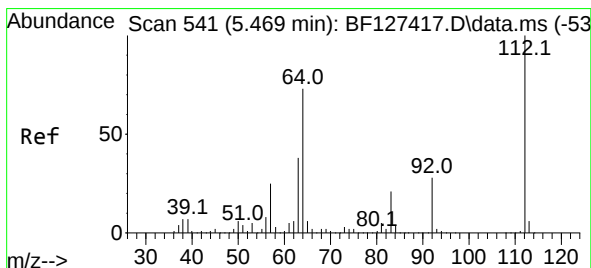
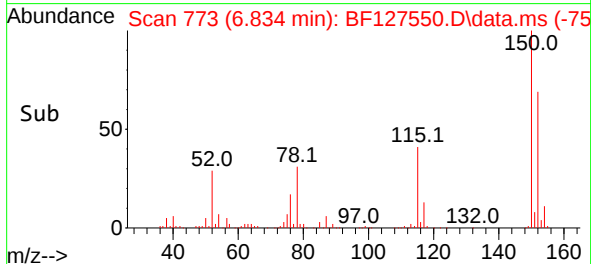
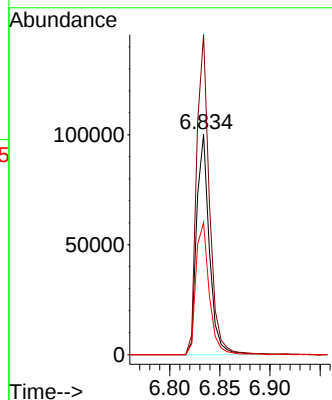
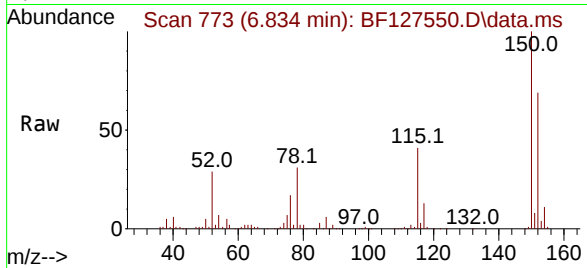




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127550.D
 Acq: 28 Mar 2022 19:07

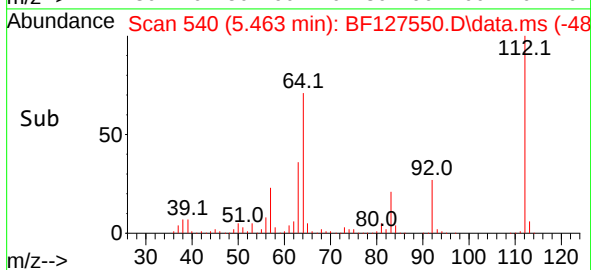
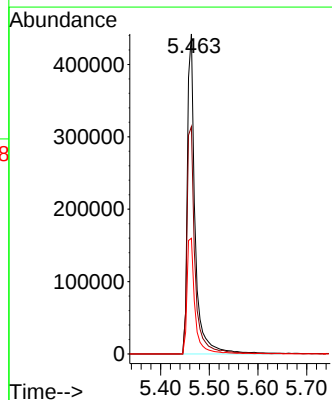
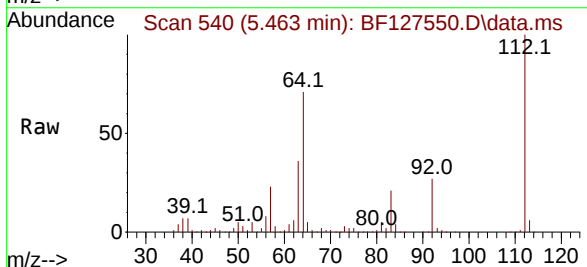
Instrument :
 BNA_F
 ClientSampleId :
 GW-02-(SB-06)

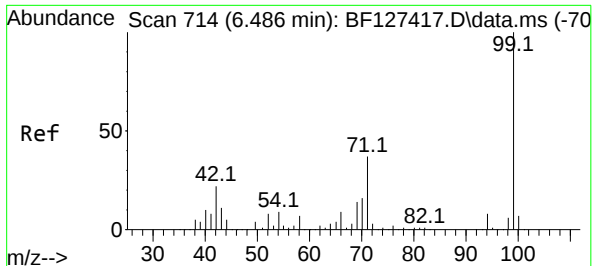
Tgt Ion:152 Resp: 88557
 Ion Ratio Lower Upper
 152 100
 150 145.1 117.2 175.8
 115 59.8 49.8 74.6



#5
 2-Fluorophenol
 Concen: 87.895 ng
 RT: 5.463 min Scan# 540
 Delta R.T. 0.006 min
 Lab File: BF127550.D
 Acq: 28 Mar 2022 19:07

Tgt Ion:112 Resp: 487634
 Ion Ratio Lower Upper
 112 100
 64 71.0 58.4 87.6
 63 36.1 30.1 45.1

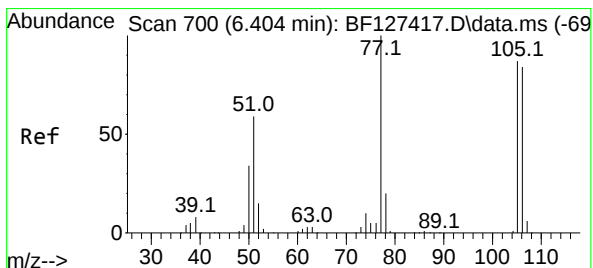
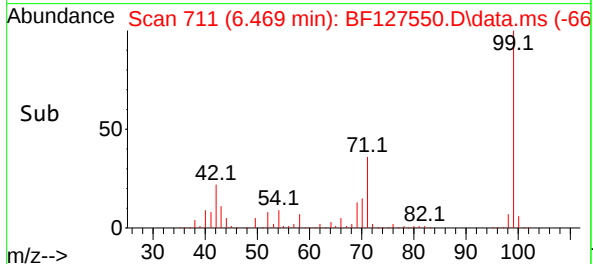
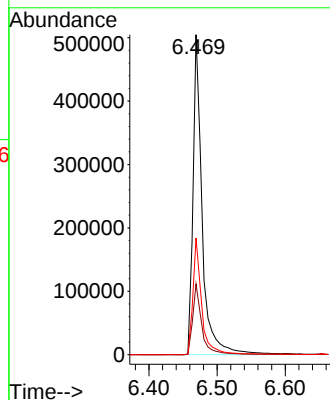
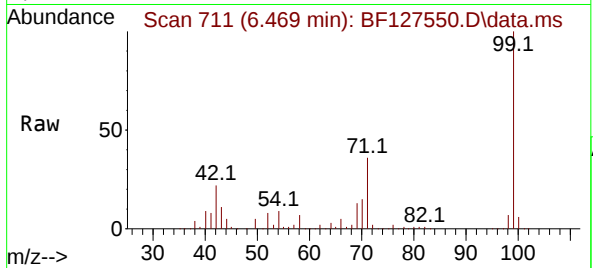




#7
Phenol-d6
Concen: 62.415 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF127550.D
Acq: 28 Mar 2022 19:07

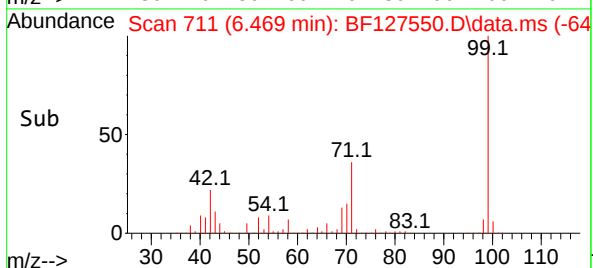
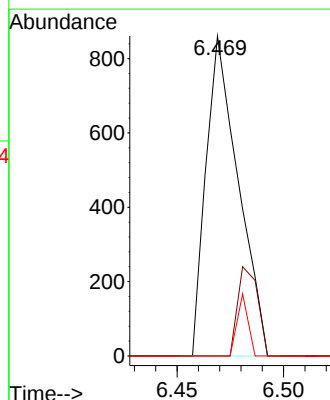
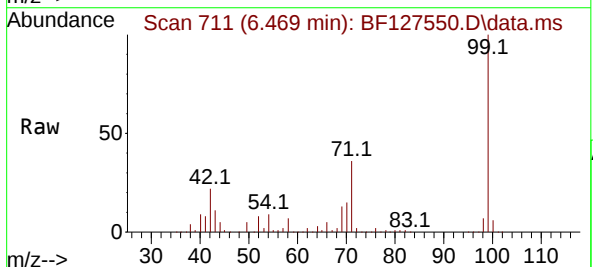
Instrument :
BNA_F
ClientSampleId :
GW-02-(SB-06)

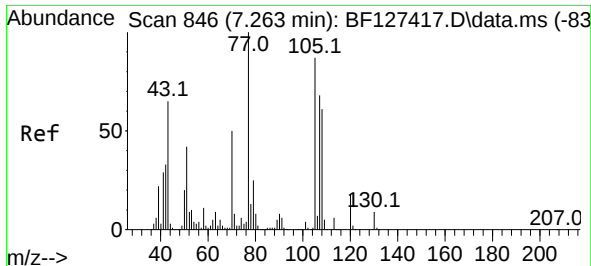
Tgt Ion: 99 Resp: 473329
Ion Ratio Lower Upper
99 100
42 22.1 17.8 26.6
71 36.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.469 min Scan# 711
Delta R.T. 0.077 min
Lab File: BF127550.D
Acq: 28 Mar 2022 19:07

Tgt Ion: 77 Resp: 907
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: 20.321 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127550.D

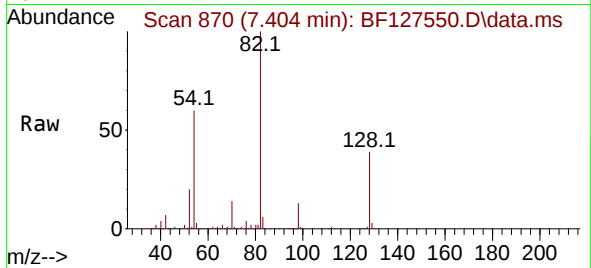
Acq: 28 Mar 2022 19:07

Instrument :

BNA_F

ClientSampleId :

GW-02-(SB-06)



Tgt Ion: 70 Resp: 92376

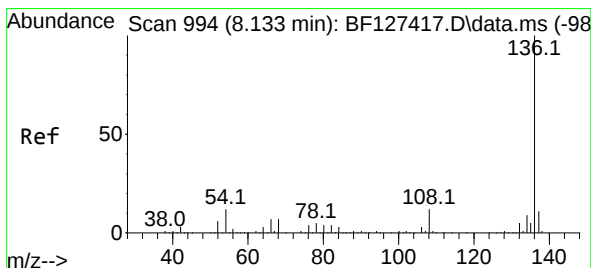
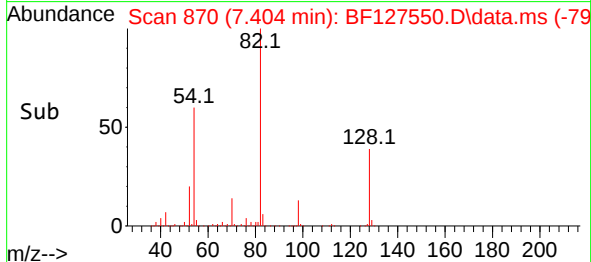
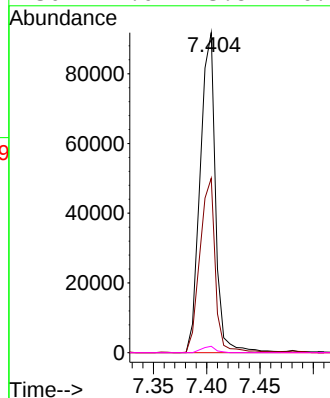
Ion Ratio Lower Upper

70 100

42 54.5 53.0 79.6

101 0.0 6.8 10.2#

130 2.0 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: BF127550.D

Acq: 28 Mar 2022 19:07

Tgt Ion: 136 Resp: 324305

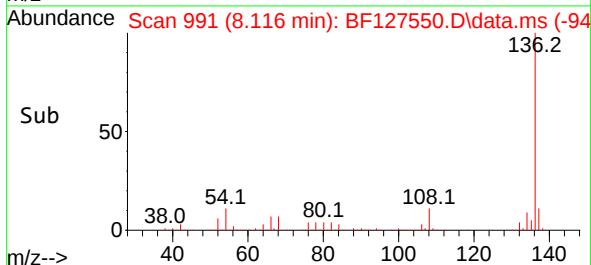
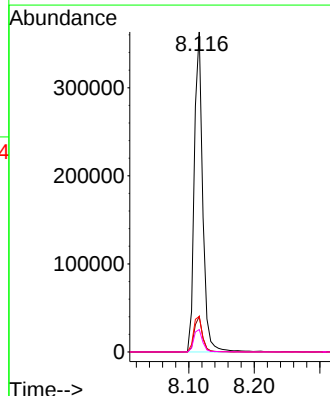
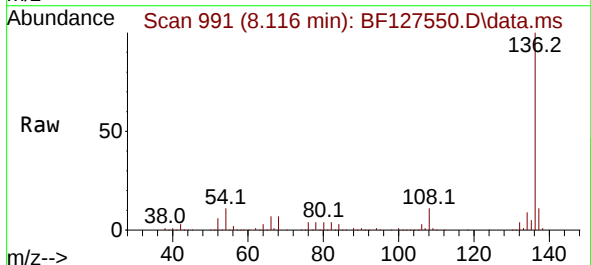
Ion Ratio Lower Upper

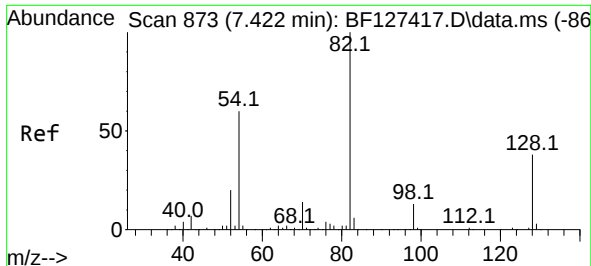
136 100

137 11.1 8.6 13.0

54 11.1 9.2 13.8

68 7.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 90.271 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF127550.D

Acq: 28 Mar 2022 19:07

Instrument :

BNA_F

ClientSampleId :

GW-02-(SB-06)

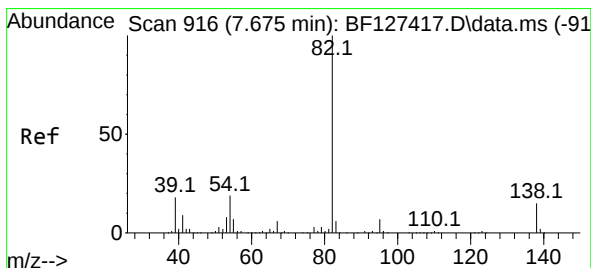
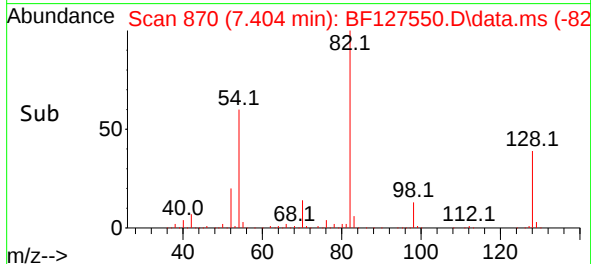
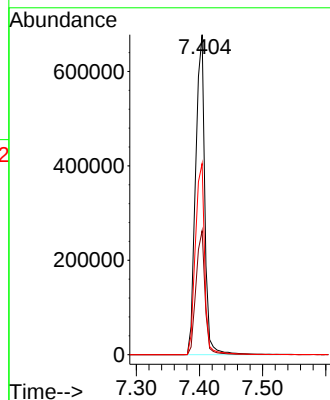
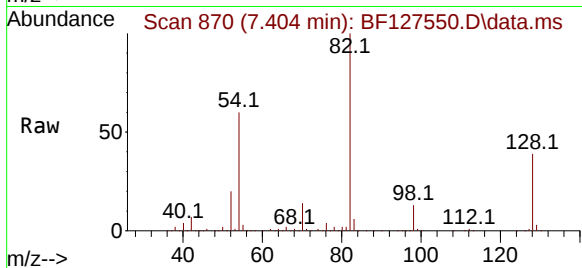
Tgt Ion: 82 Resp: 684872

Ion Ratio Lower Upper

82 100

128 38.8 30.6 45.8

54 59.8 48.2 72.2



#25

Isophorone

Concen: 56.677 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127550.D

Acq: 28 Mar 2022 19:07

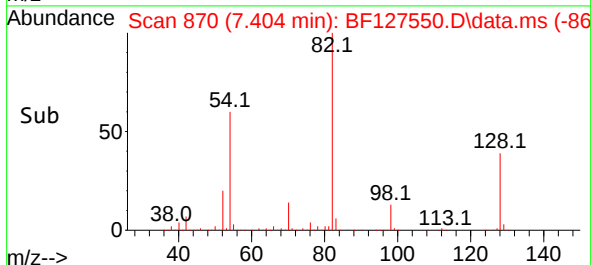
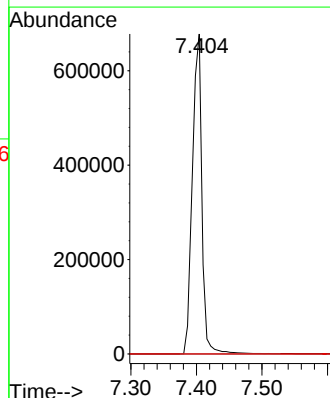
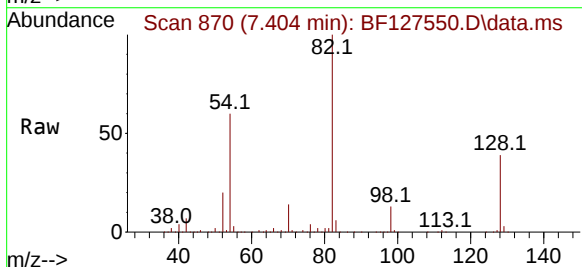
Tgt Ion: 82 Resp: 684866

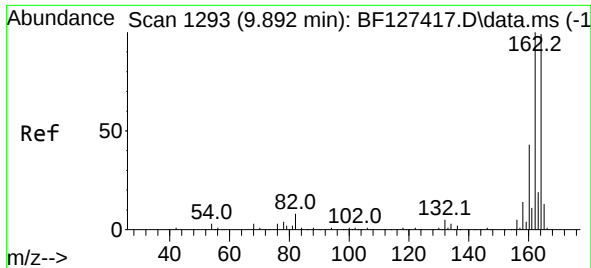
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

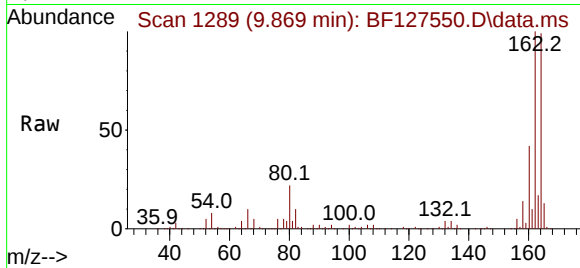
138 0.0 11.6 17.4#



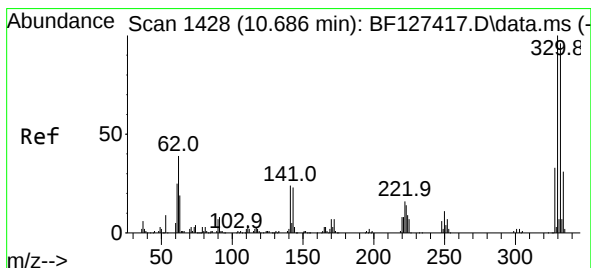
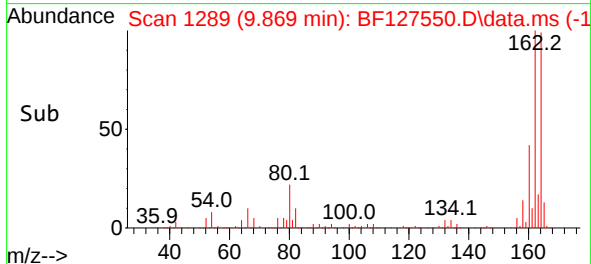
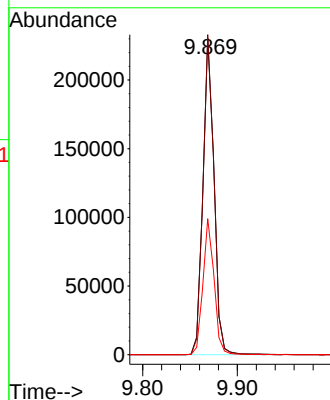


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127550.D
Acq: 28 Mar 2022 19:07

Instrument :
BNA_F
ClientSampleId :
GW-02-(SB-06)

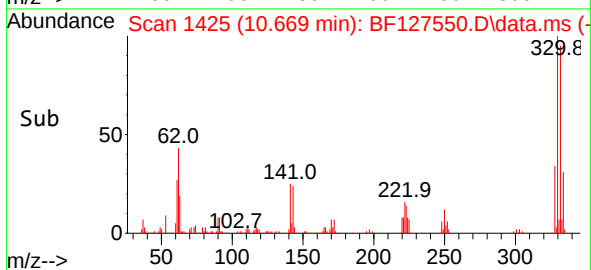
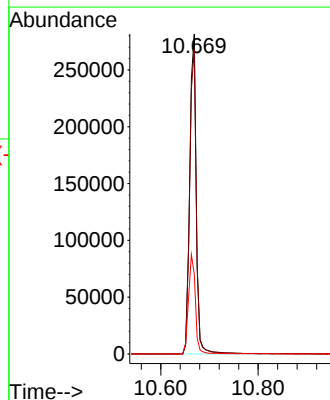
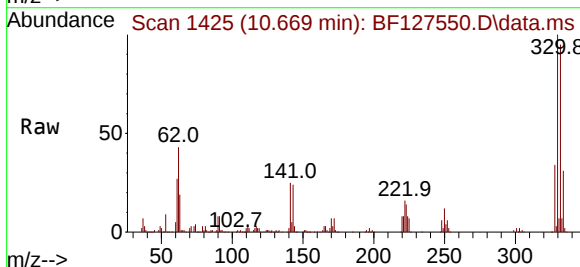


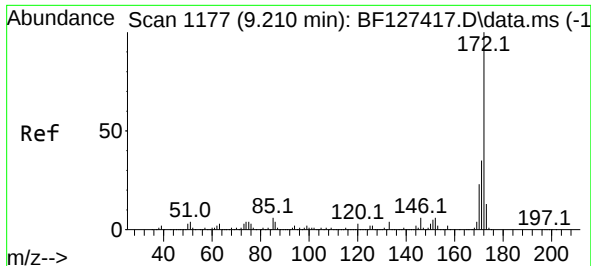
Tgt Ion:164 Resp: 187862
Ion Ratio Lower Upper
164 100
162 101.1 81.2 121.8
160 43.0 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 131.178 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127550.D
Acq: 28 Mar 2022 19:07

Tgt Ion:330 Resp: 262514
Ion Ratio Lower Upper
330 100
332 95.8 79.1 118.7
141 32.4 26.2 39.4

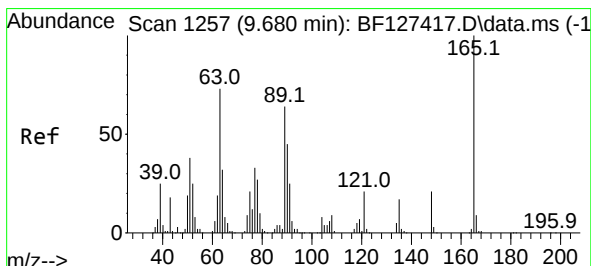
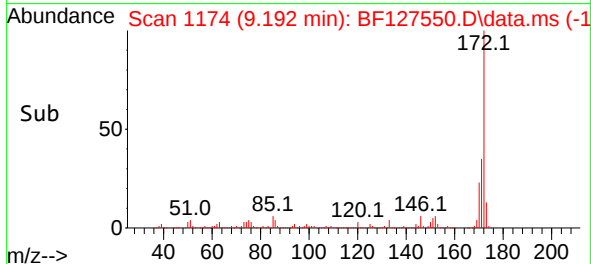
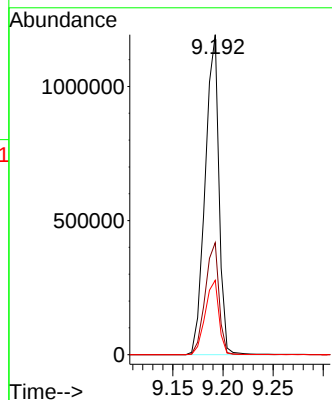
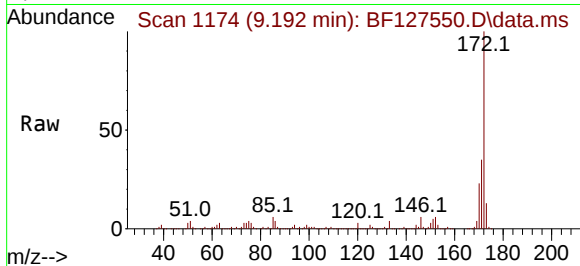




#45
2-Fluorobiphenyl
Concen: 89.169 ng
RT: 9.192 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127550.D
Acq: 28 Mar 2022 19:07

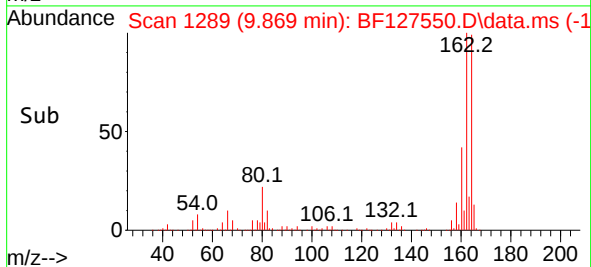
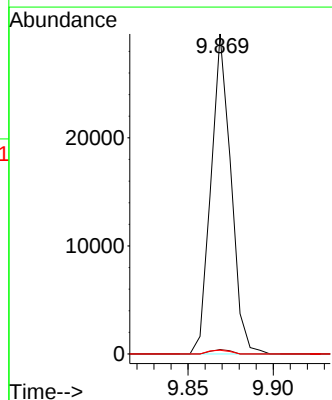
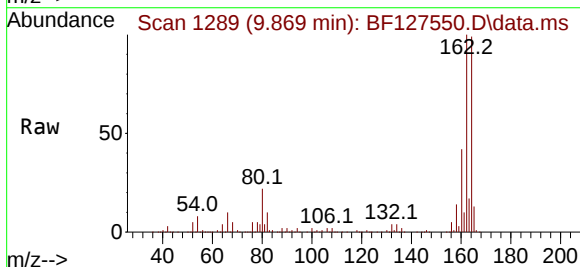
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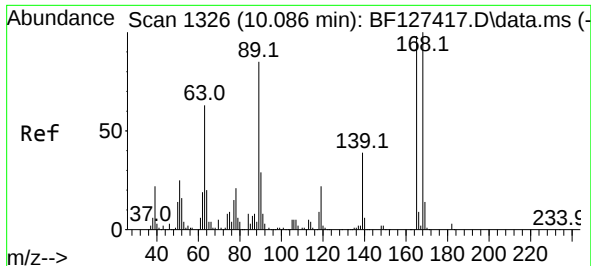
Tgt Ion:172 Resp: 1147177
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.831 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127550.D
Acq: 28 Mar 2022 19:07

Tgt Ion:165 Resp: 24228
Ion Ratio Lower Upper
165 100
63 1.4 58.3 87.5#
89 1.2 51.5 77.3#

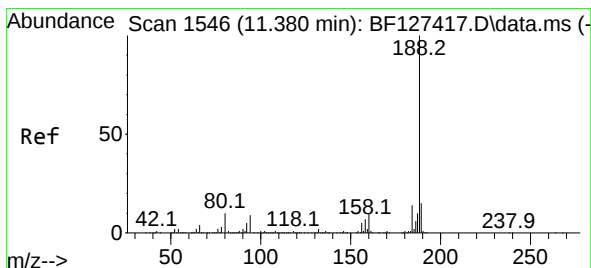
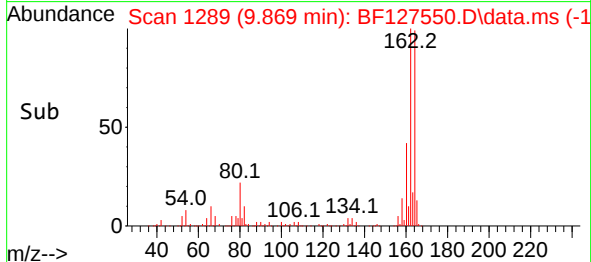
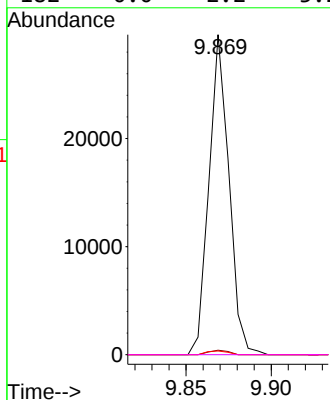
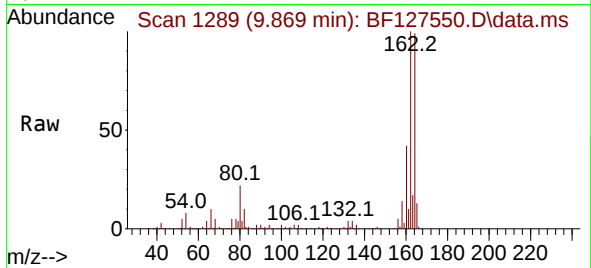




#57
2,4-Dinitrotoluene
Concen: 6.861 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127550.D
Acq: 28 Mar 2022 19:07

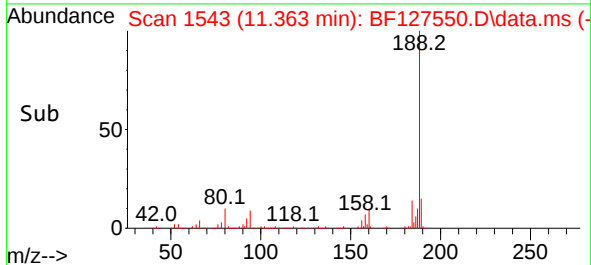
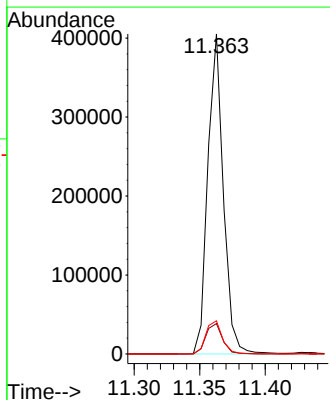
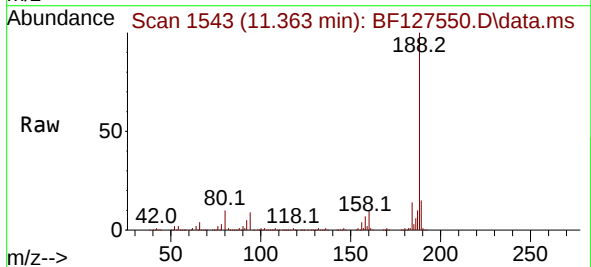
Instrument :
BNA_F
ClientSampleId :
GW-02-(SB-06)

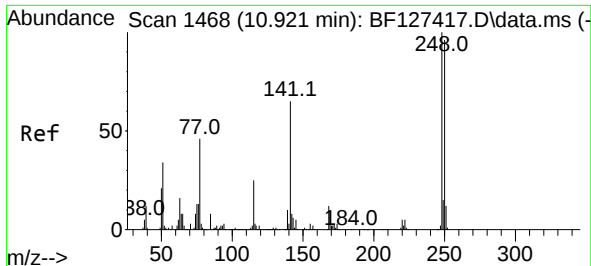
Tgt Ion:165 Resp: 24228
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127550.D
Acq: 28 Mar 2022 19:07

Tgt Ion:188 Resp: 334551
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.4 8.0 12.0

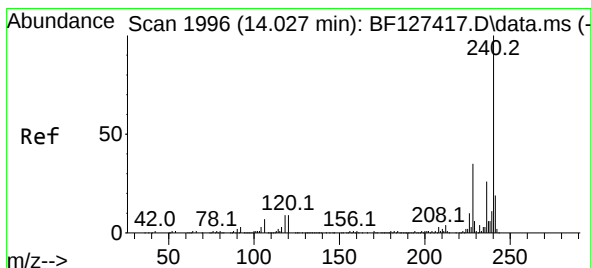
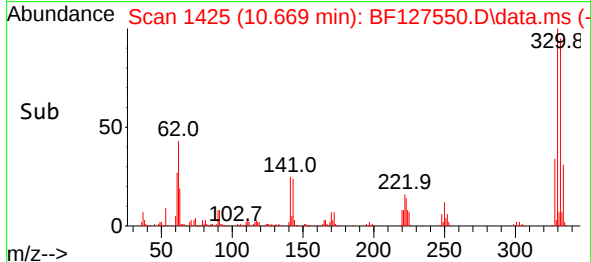
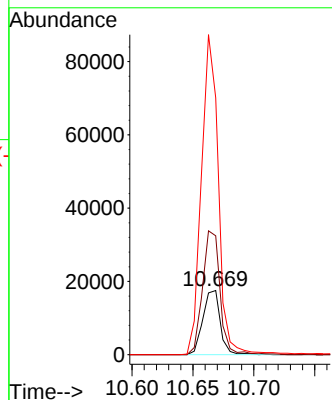
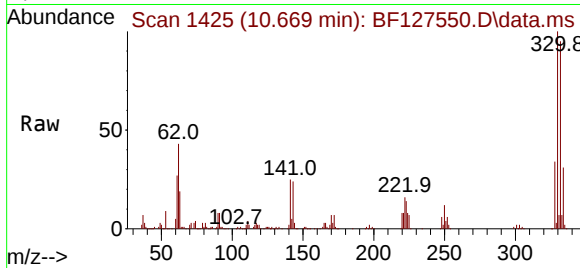




#67
4-Bromophenyl-phenylether
Concen: 4.441 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127550.D
Acq: 28 Mar 2022 19:07

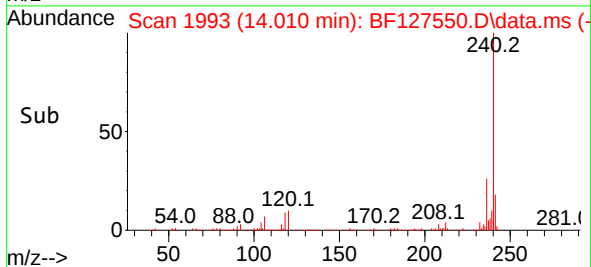
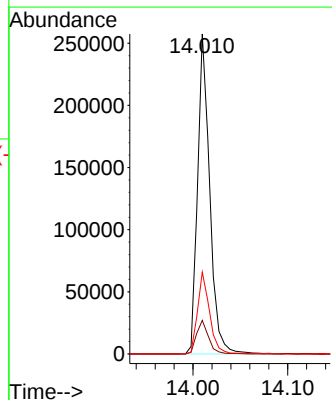
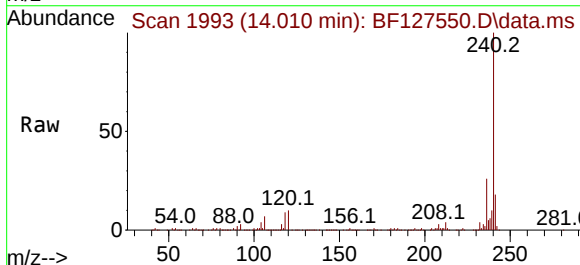
Instrument :
BNA_F
ClientSampleId :
GW-02-(SB-06)

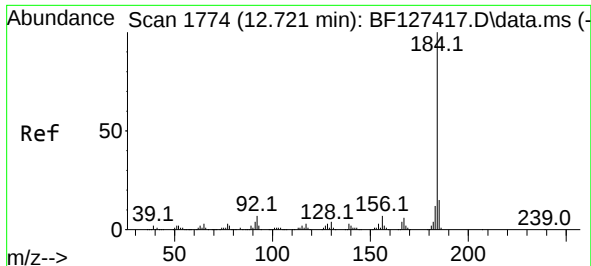
Tgt Ion:248 Resp: 17346
Ion Ratio Lower Upper
248 100
250 184.9 76.6 115.0#
141 399.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127550.D
Acq: 28 Mar 2022 19:07

Tgt Ion:240 Resp: 230201
Ion Ratio Lower Upper
240 100
120 10.5 7.1 10.7
236 25.6 20.7 31.1

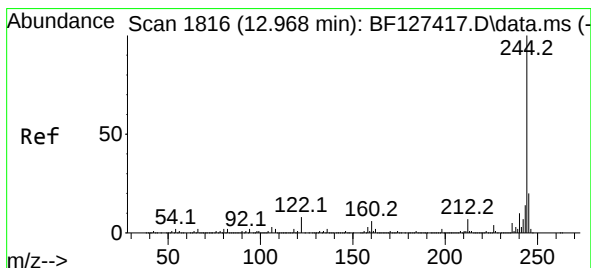
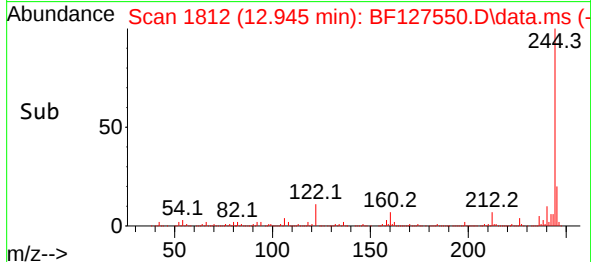
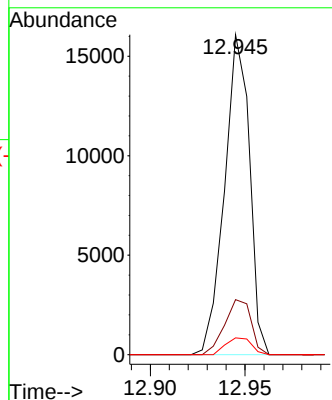
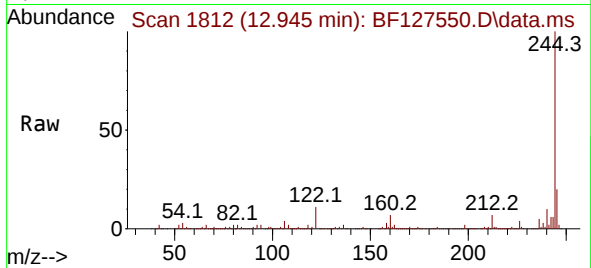




#77
Benzidine
Concen: 2.684 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.235 min
Lab File: BF127550.D
Acq: 28 Mar 2022 19:07

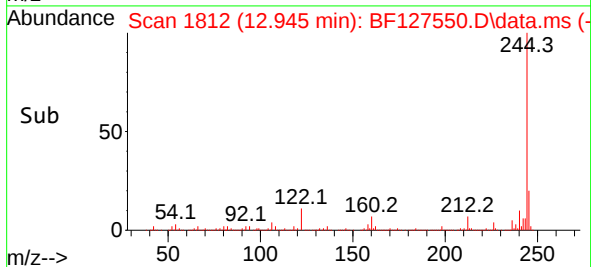
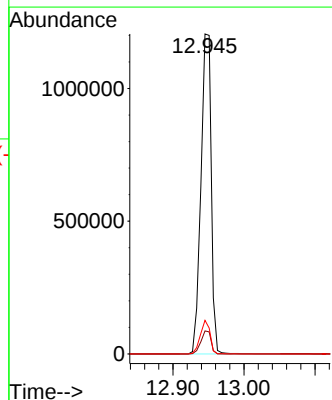
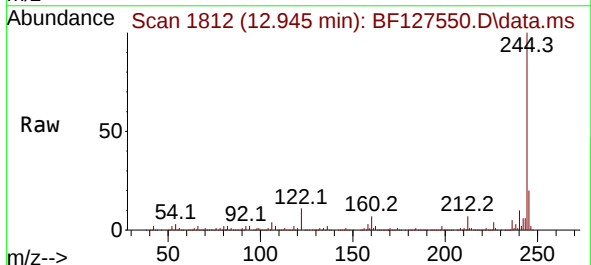
Instrument :
BNA_F
ClientSampleId :
GW-02-(SB-06)

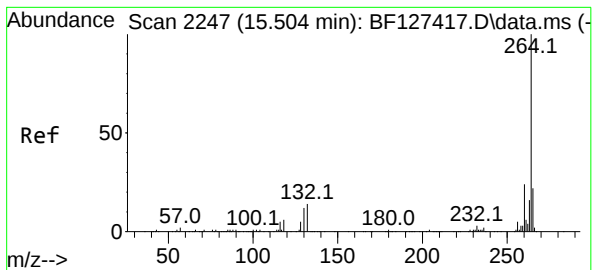
Tgt Ion:184 Resp: 14734
Ion Ratio Lower Upper
184 100
185 17.2 12.2 18.2
183 5.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 86.889 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127550.D
Acq: 28 Mar 2022 19:07

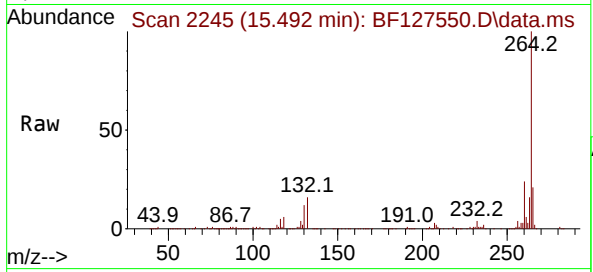
Tgt Ion:244 Resp: 1221850
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.5 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127550.D
Acq: 28 Mar 2022 19:07

Instrument :
BNA_F
ClientSampleId :
GW-02-(SB-06)



Tgt Ion:264 Resp: 199208

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.3	17.4	26.2

