

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127546.D
 Acq On : 28 Mar 2022 17:13
 Operator : CG\JU
 Sample : N2095-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-01-(SB-01)

Quant Time: Mar 29 07:16:30 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)

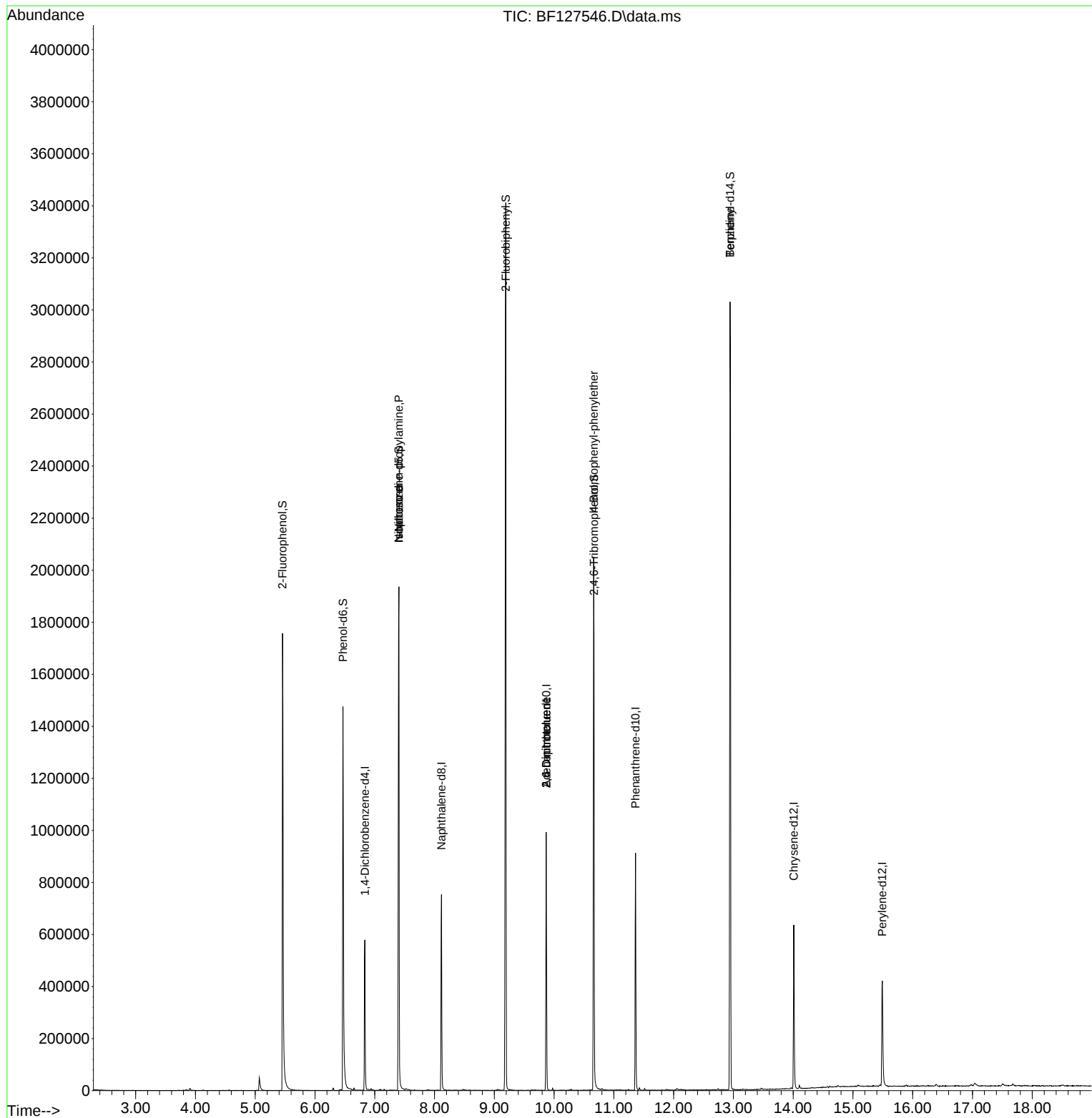
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	85216	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	311174	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	177259	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	313263	20.000	ng	0.00
76) Chrysene-d12	14.009	240	212511	20.000	ng	0.00
86) Perylene-d12	15.492	264	197619	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	467841	87.633	ng	0.00
7) Phenol-d6	6.469	99	459312	62.941	ng	-0.01
23) Nitrobenzene-d5	7.404	82	660157	90.685	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	243506	128.958	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1096157	90.300	ng	0.00
79) Terphenyl-d14	12.945	244	1121063	86.358	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.469	77	782	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	90800	20.758	ng	# 80
25) Isophorone	7.404	82	660153	56.937	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	22664	8.755	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	22664	6.802	ng	# 14
58) Fluorene	10.663	166	9419	Below Cal	#	87
67) 4-Bromophenyl-phenylether	10.663	248	16906	4.622	ng	# 1
77) Benzidine	12.945	184	13744	2.712	ng	# 92

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

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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

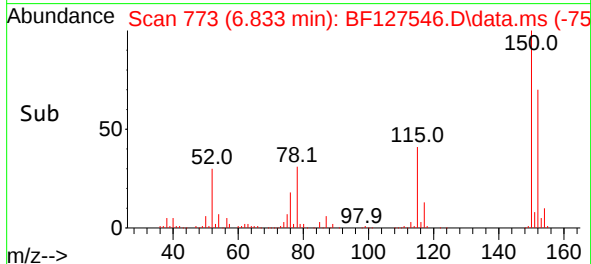
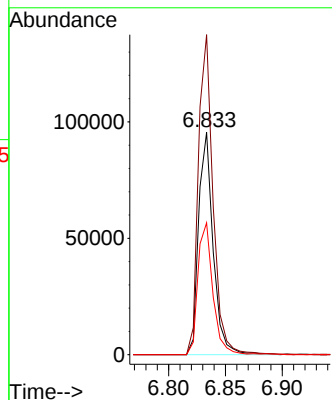
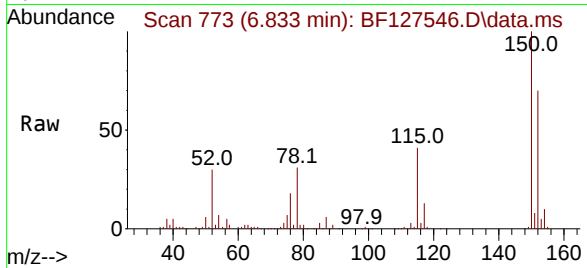




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127546.D
Acq: 28 Mar 2022 17:13

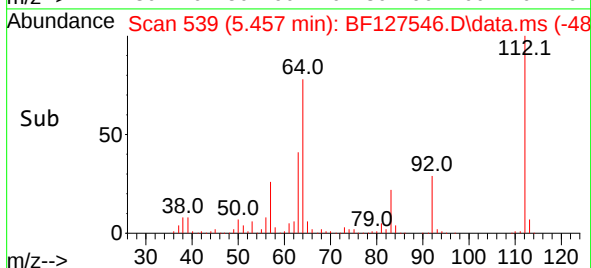
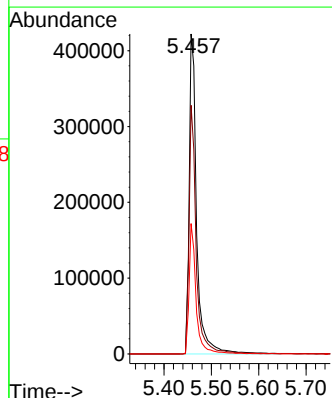
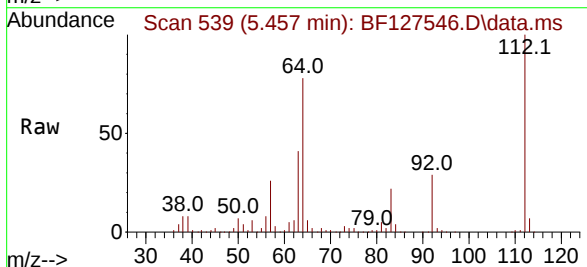
Instrument :
BNA_F
ClientSampleId :
GW-01-(SB-01)

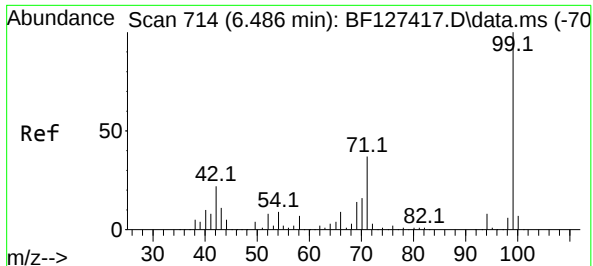
Tgt Ion:152 Resp: 85216
Ion Ratio Lower Upper
152 100
150 143.9 117.2 175.8
115 59.3 49.8 74.6



#5
2-Fluorophenol
Concen: 87.633 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF127546.D
Acq: 28 Mar 2022 17:13

Tgt Ion:112 Resp: 467841
Ion Ratio Lower Upper
112 100
64 77.7 58.4 87.6
63 40.8 30.1 45.1

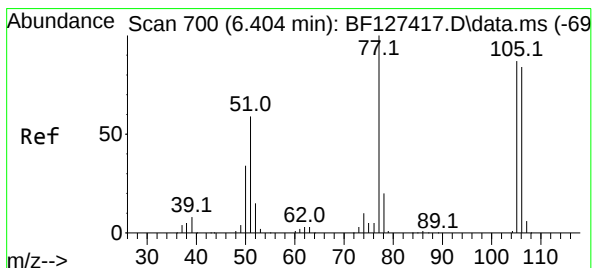
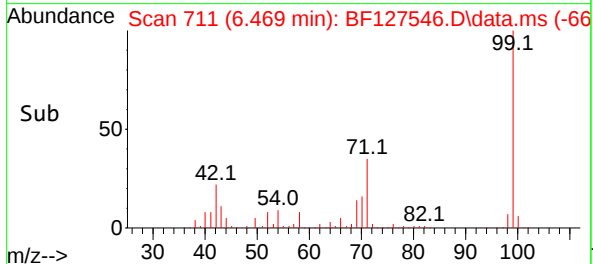
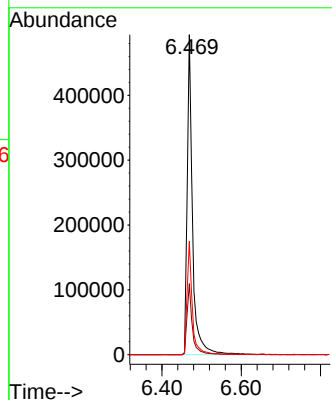
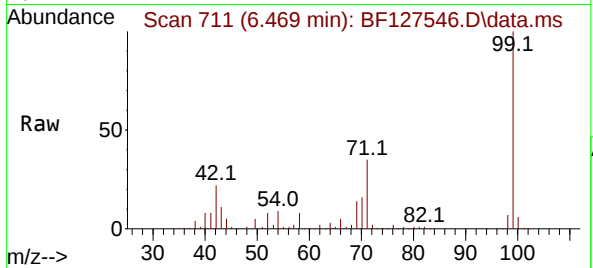




#7
Phenol-d6
Concen: 62.941 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF127546.D
Acq: 28 Mar 2022 17:13

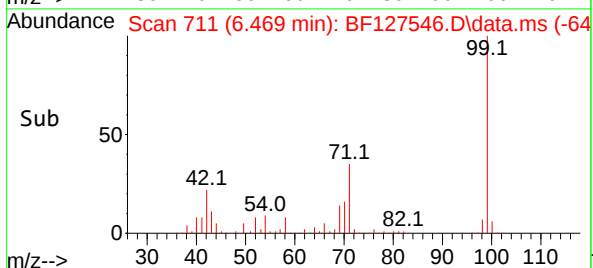
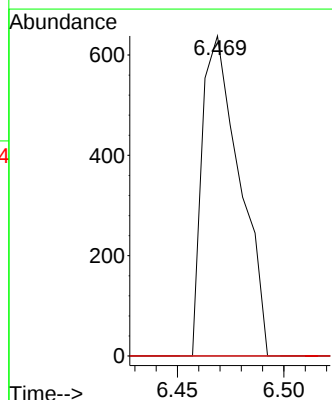
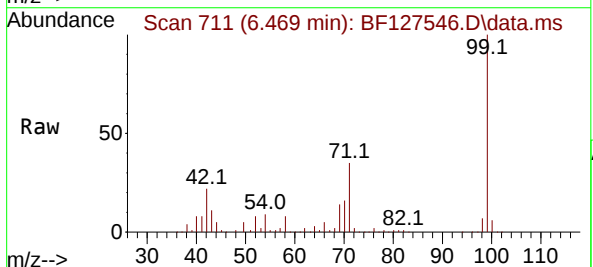
Instrument :
BNA_F
ClientSampleId :
GW-01-(SB-01)

Tgt Ion: 99 Resp: 459312
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 35.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.469 min Scan# 711
Delta R.T. 0.076 min
Lab File: BF127546.D
Acq: 28 Mar 2022 17:13

Tgt Ion: 77 Resp: 782
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: 20.758 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127546.D

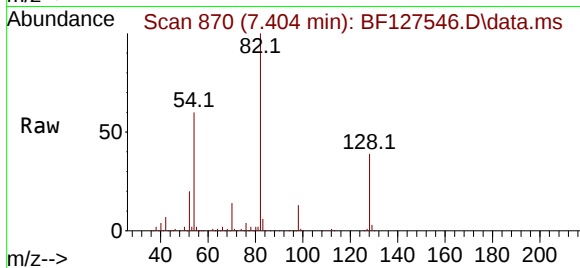
Acq: 28 Mar 2022 17:13

Instrument :

BNA_F

ClientSampleId :

GW-01-(SB-01)



Tgt Ion: 70 Resp: 90800

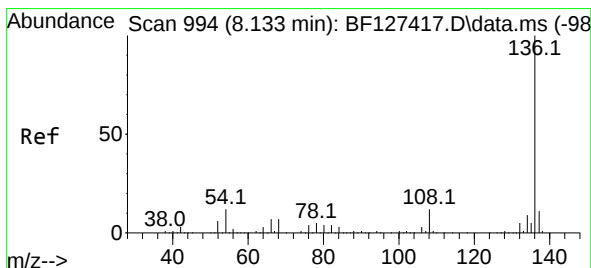
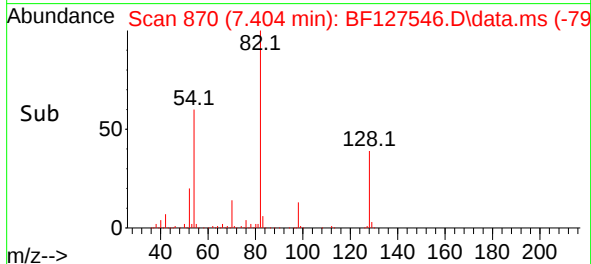
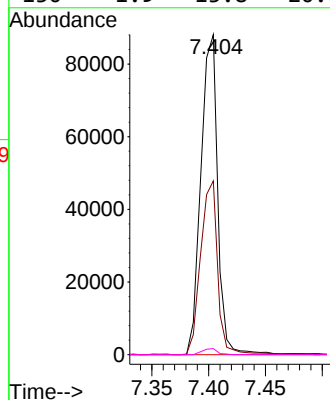
Ion Ratio Lower Upper

70 100

42 54.3 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: BF127546.D

Acq: 28 Mar 2022 17:13

Tgt Ion: 136 Resp: 311174

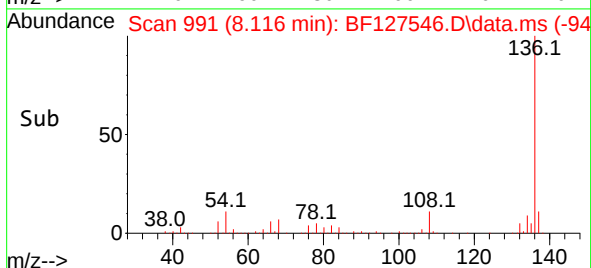
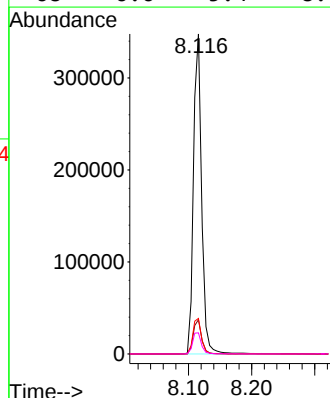
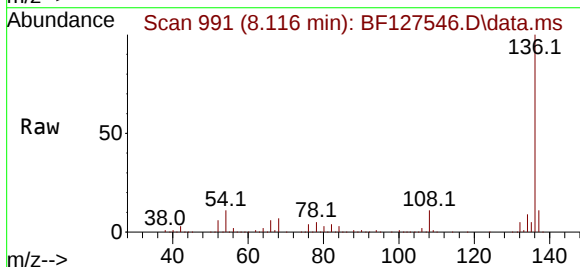
Ion Ratio Lower Upper

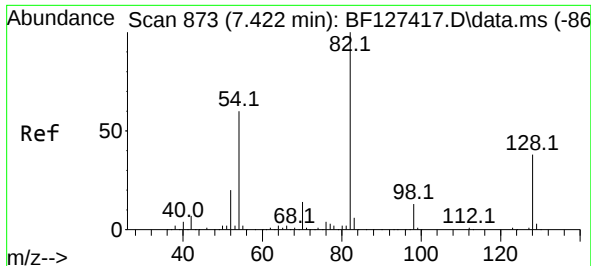
136 100

137 10.7 8.6 13.0

54 11.1 9.2 13.8

68 6.6 5.4 8.0





#23

Nitrobenzene-d5

Concen: 90.685 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127546.D

Acq: 28 Mar 2022 17:13

Instrument :

BNA_F

ClientSampleId :

GW-01-(SB-01)

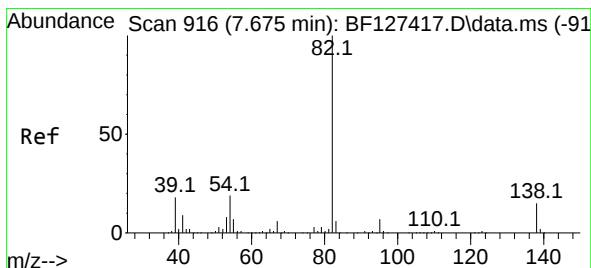
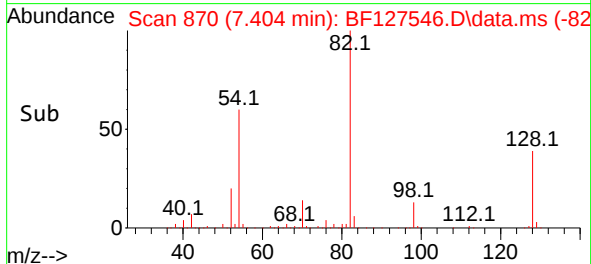
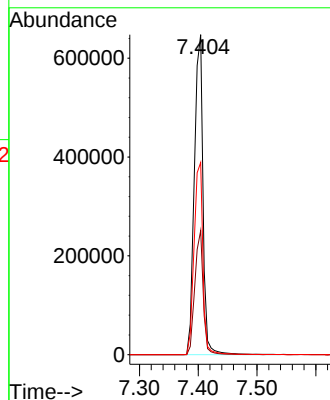
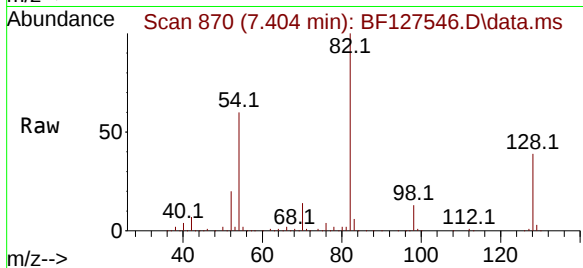
Tgt Ion: 82 Resp: 660157

Ion Ratio Lower Upper

82 100

128 38.7 30.6 45.8

54 60.1 48.2 72.2



#25

Isophorone

Concen: 56.937 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127546.D

Acq: 28 Mar 2022 17:13

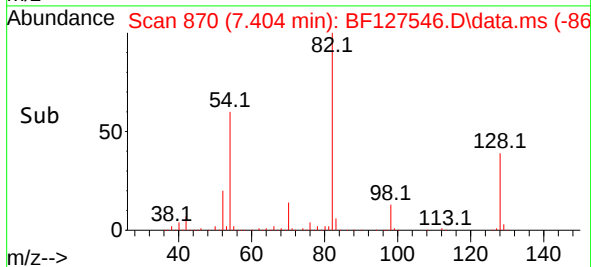
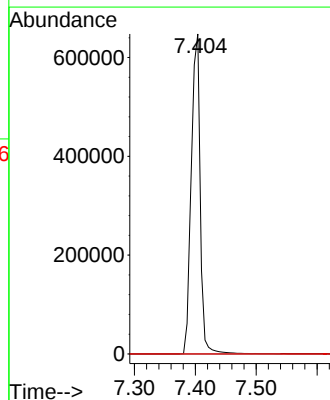
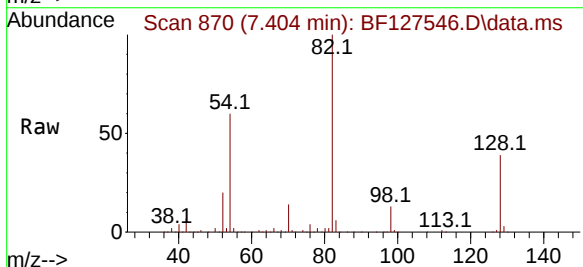
Tgt Ion: 82 Resp: 660153

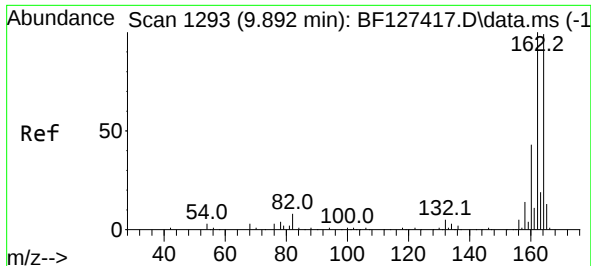
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

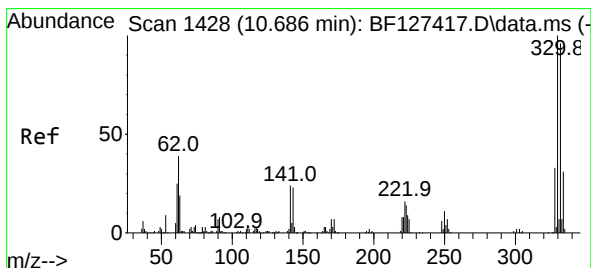
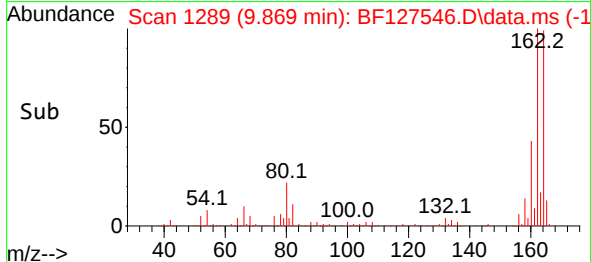
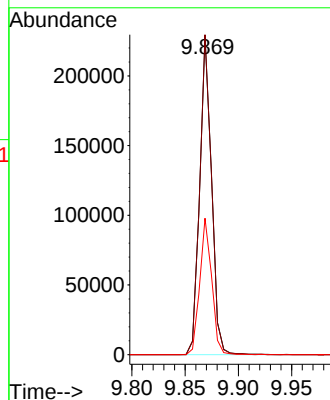
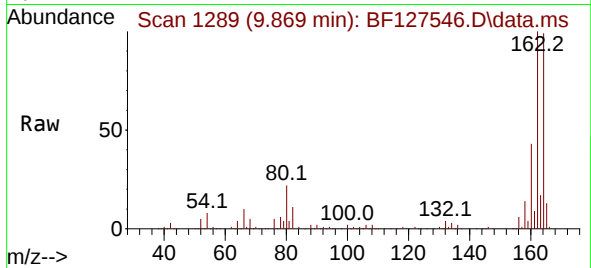




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127546.D
Acq: 28 Mar 2022 17:13

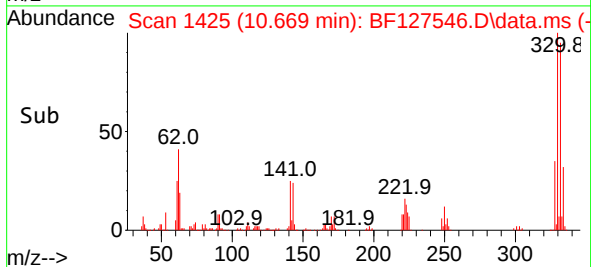
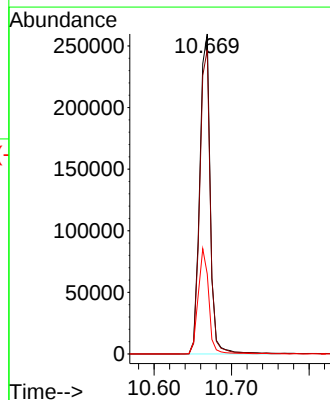
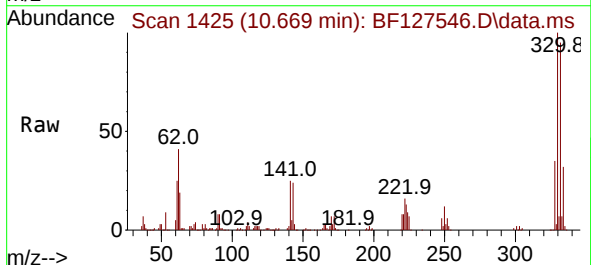
Instrument :
BNA_F
ClientSampleId :
GW-01-(SB-01)

Tgt Ion:164 Resp: 177259
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 42.9 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 128.958 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127546.D
Acq: 28 Mar 2022 17:13

Tgt Ion:330 Resp: 243506
Ion Ratio Lower Upper
330 100
332 95.7 79.1 118.7
141 33.0 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 90.300 ng

RT: 9.192 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127546.D

Acq: 28 Mar 2022 17:13

Instrument :

BNA_F

ClientSampleId :

GW-01-(SB-01)

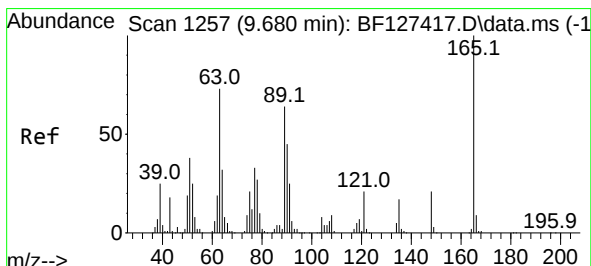
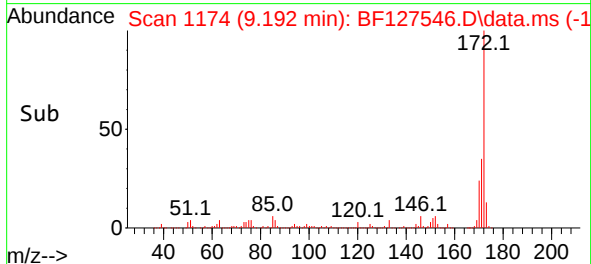
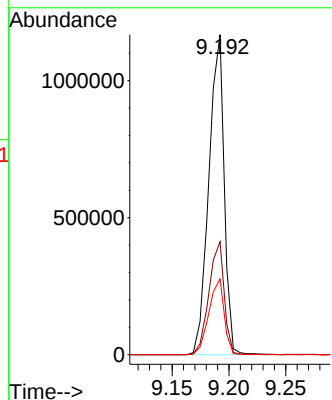
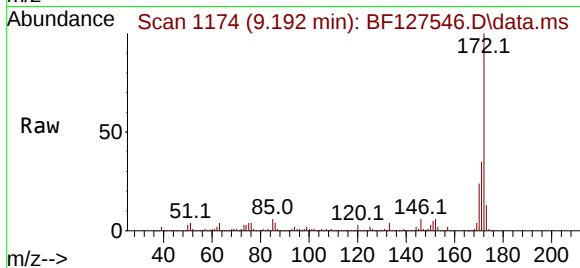
Tgt Ion:172 Resp: 1096157

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.755 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127546.D

Acq: 28 Mar 2022 17:13

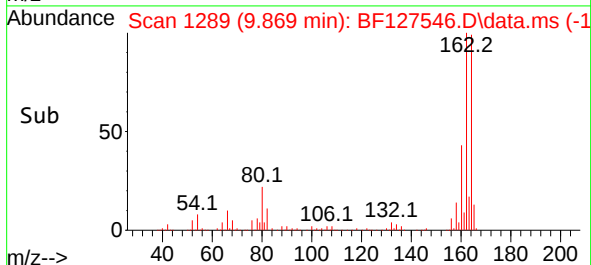
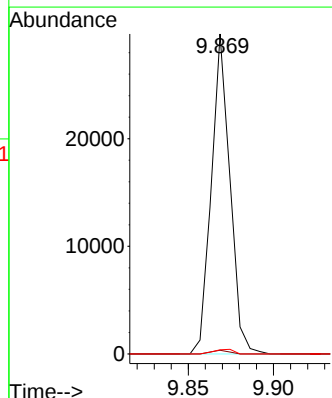
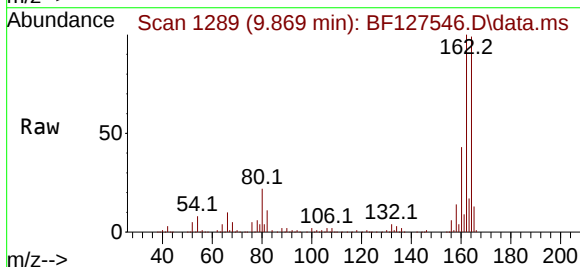
Tgt Ion:165 Resp: 22664

Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.3 51.5 77.3#

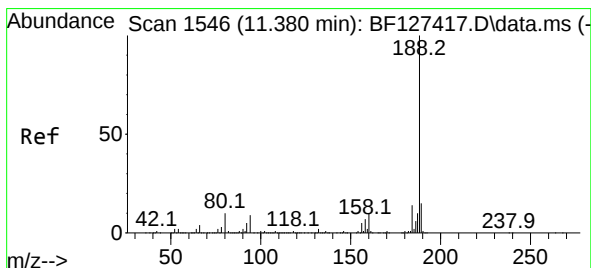
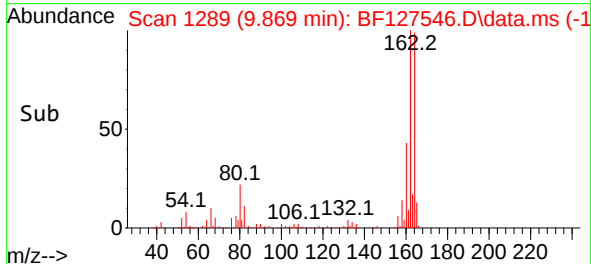
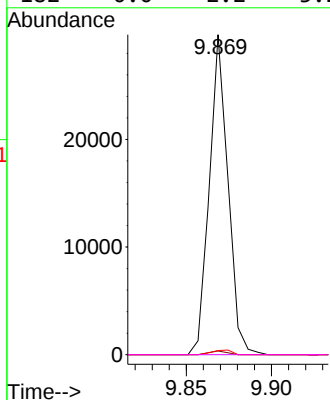
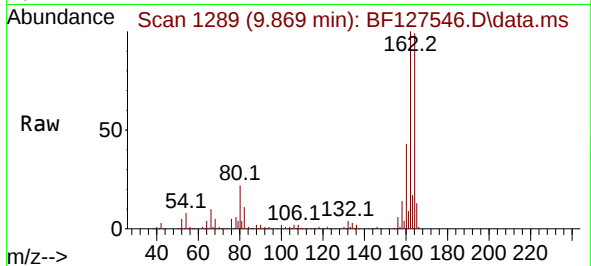




#57
2,4-Dinitrotoluene
Concen: 6.802 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127546.D
Acq: 28 Mar 2022 17:13

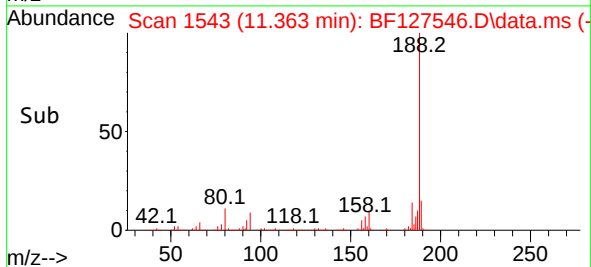
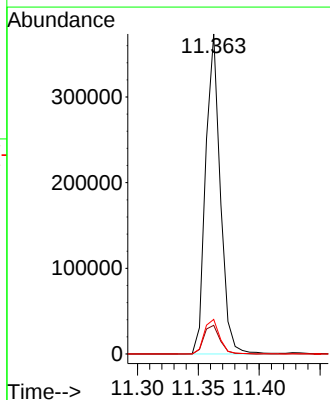
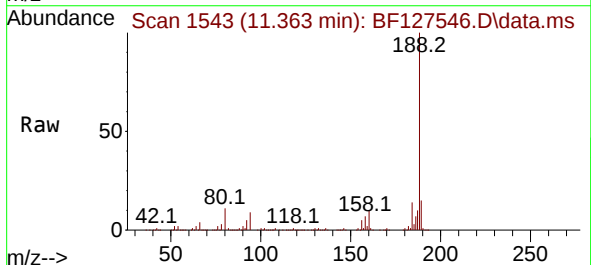
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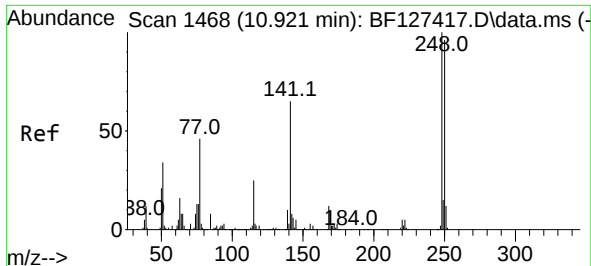
Tgt Ion:165 Resp: 22664
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127546.D
Acq: 28 Mar 2022 17:13

Tgt Ion:188 Resp: 313263
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 10.8 8.0 12.0

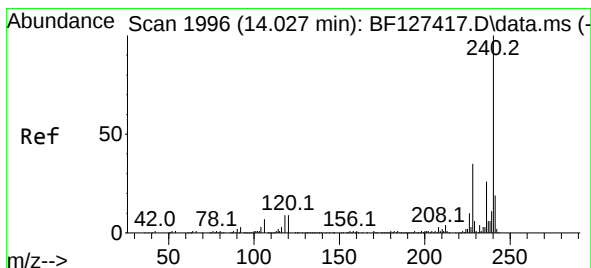
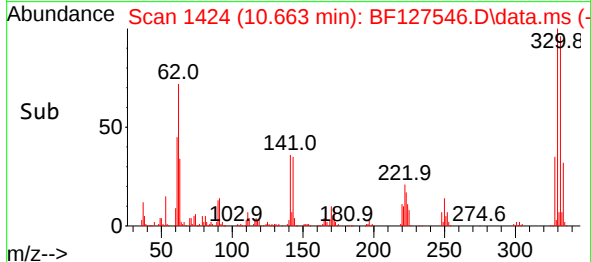
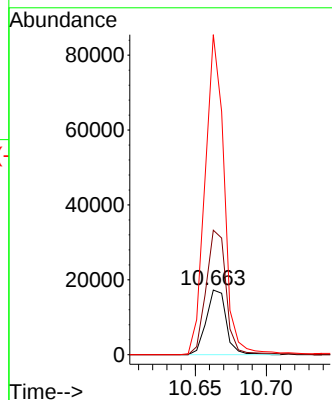
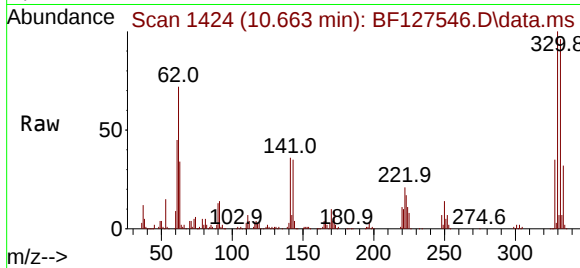




#67
4-Bromophenyl-phenylether
Concen: 4.622 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.241 min
Lab File: BF127546.D
Acq: 28 Mar 2022 17:13

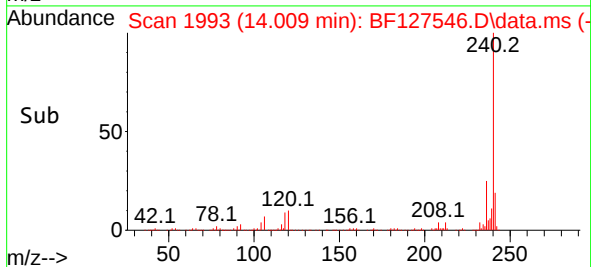
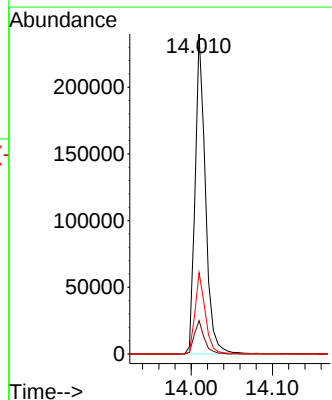
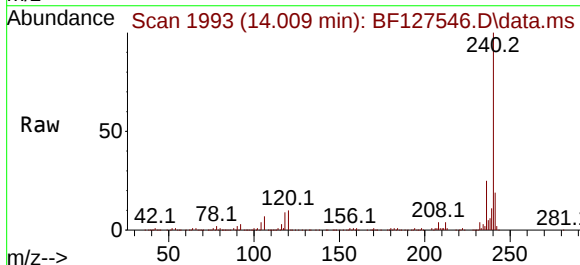
Instrument :
BNA_F
ClientSampleId :
GW-01-(SB-01)

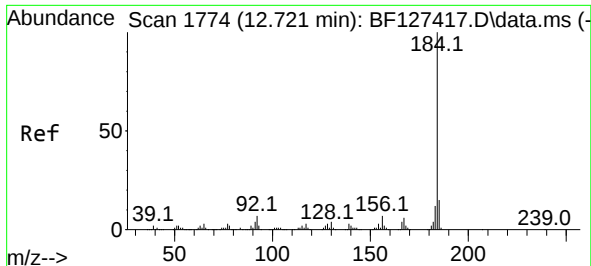
Tgt Ion:248 Resp: 16906
Ion Ratio Lower Upper
248 100
250 192.4 76.6 115.0#
141 494.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127546.D
Acq: 28 Mar 2022 17:13

Tgt Ion:240 Resp: 212511
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 25.4 20.7 31.1

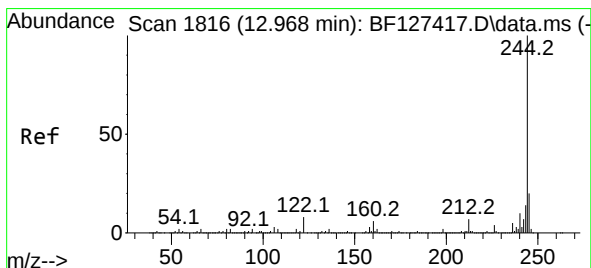
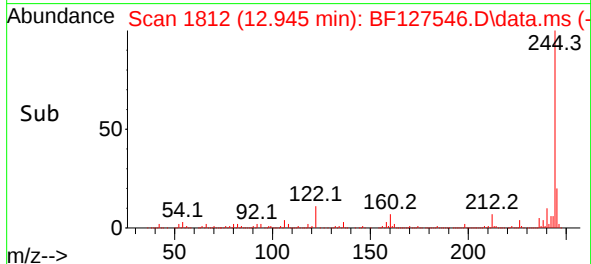
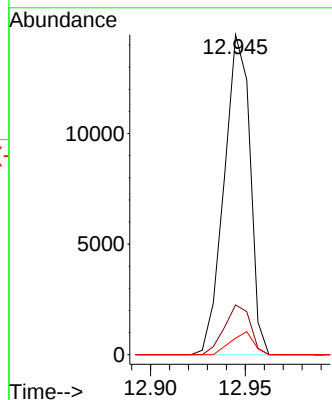
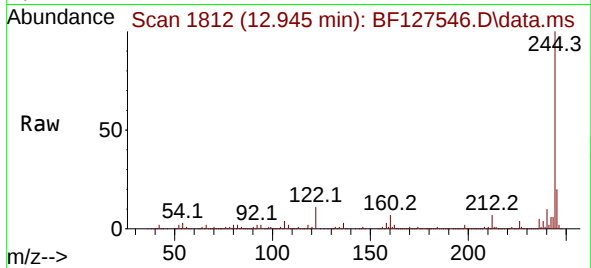




#77
Benzidine
Concen: 2.712 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.235 min
Lab File: BF127546.D
Acq: 28 Mar 2022 17:13

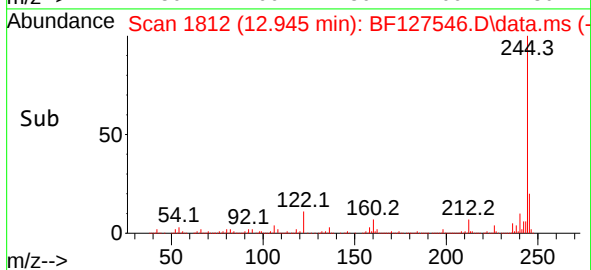
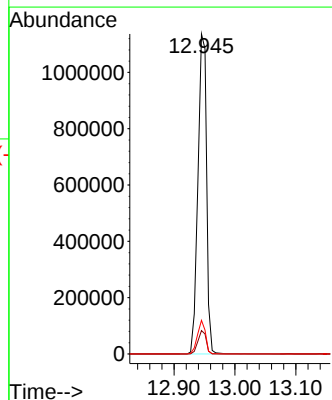
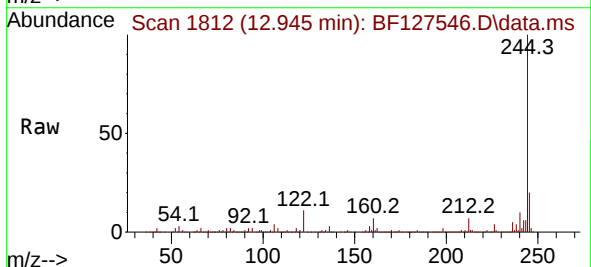
Instrument :
BNA_F
ClientSampleId :
GW-01-(SB-01)

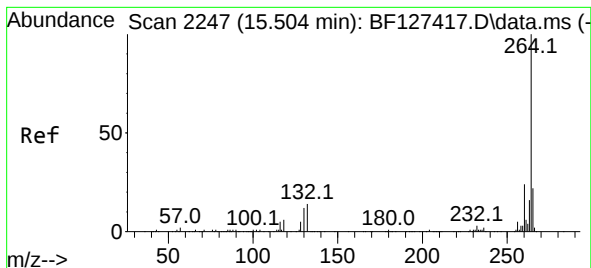
Tgt Ion:184 Resp: 13744
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.2
183 5.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 86.358 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127546.D
Acq: 28 Mar 2022 17:13

Tgt Ion:244 Resp: 1121063
Ion Ratio Lower Upper
244 100
212 7.3 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: BF127546.D

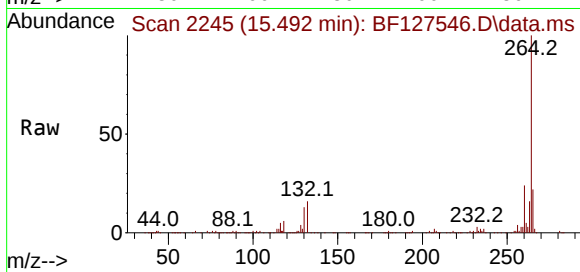
Acq: 28 Mar 2022 17:13

Instrument :

BNA_F

ClientSampleId :

GW-01-(SB-01)



Tgt Ion:264 Resp: 197619

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.8 17.4 26.2

