

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127509.D
 Acq On : 24 Mar 2022 18:20
 Operator : CG\JU
 Sample : N2085-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-3-23-2022

Quant Time: Mar 25 02:15:54 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 22 02:16:33 2022
 Response via : Initial Calibration

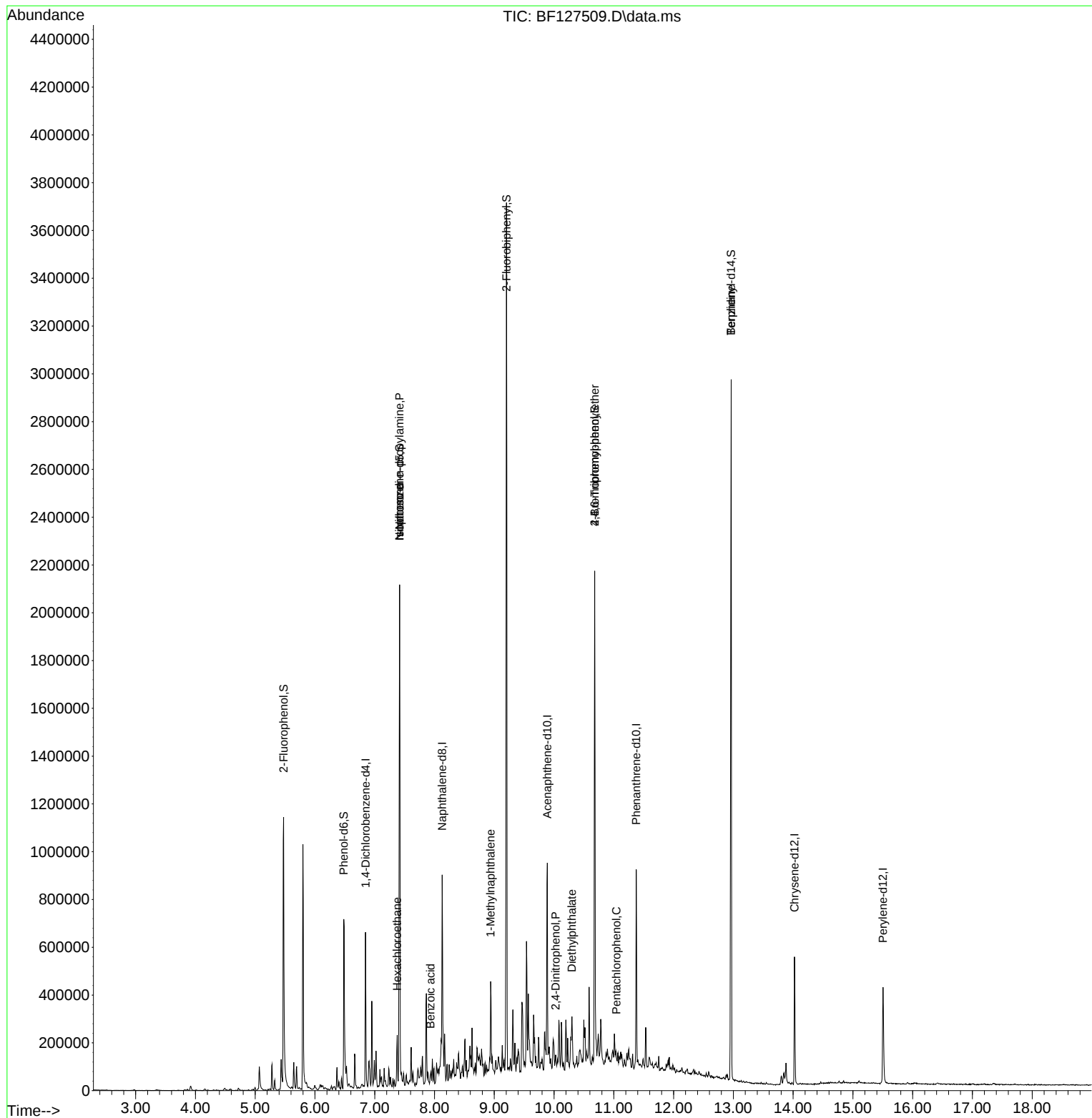
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	81993	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	302059	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	172699	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	274724	20.000	ng	0.00
76) Chrysene-d12	14.022	240	186323	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	193508	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	330506	64.342	ng	0.00
7) Phenol-d6	6.481	99	276525	39.383	ng	0.00
23) Nitrobenzene-d5	7.416	82	678915	96.076	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	240867	130.928	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1131122	95.640	ng	0.00
79) Terphenyl-d14	12.963	244	990399	87.016	ng	0.00
Target Compounds						
9) Benzaldehyde	6.404	77	1507	Below Cal	#	1
18) Hexachloroethane	7.375	117	14840	6.826	ng	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	91412	21.719	ng	# 81
25) Isophorone	7.416	82	676875	60.141	ng	# 70
32) Benzoic acid	7.934	122	298	6.149	ng	# 1
38) 1-Methylnaphthalene	8.940	142	81284	7.972	ng	100
54) 2,4-Dinitrophenol	10.028	184	139	8.798	ng	# 1
55) Dibenzofuran	10.092	168	11170	Below Cal	#	84
58) Fluorene	10.434	166	13942	Below Cal	#	98
60) Diethylphthalate	10.298	149	41983	3.826	ng	96
67) 4-Bromophenyl-phenylether	10.681	248	15776	4.919	ng	# 1
70) Pentachlorophenol	11.045	266	56	6.780	ng	# 20
77) Benzidine	12.963	184	12951	2.915	ng	# 89

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

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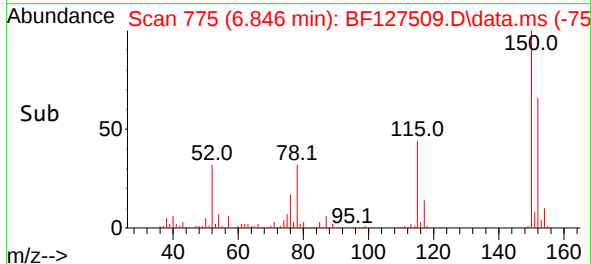
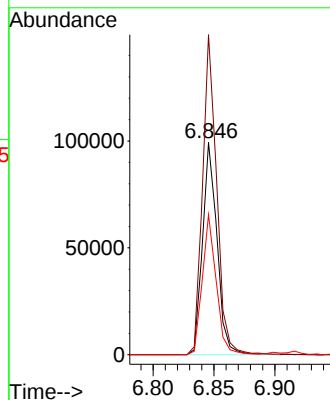
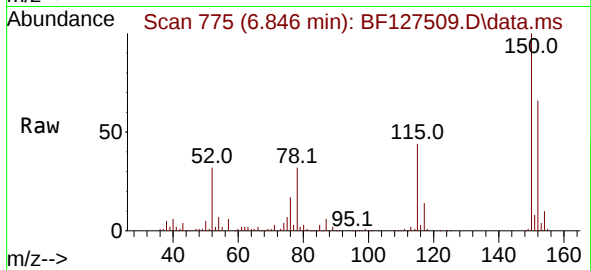




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF127509.D
 Acq: 24 Mar 2022 18:20

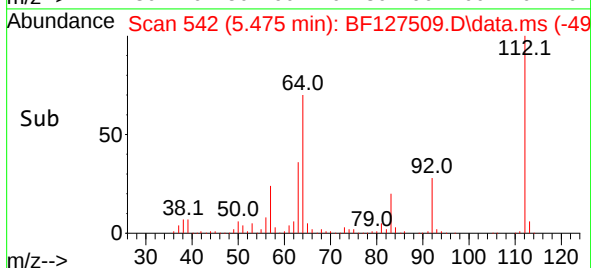
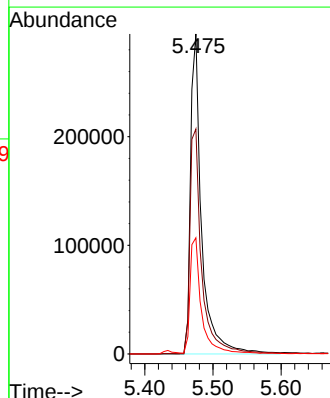
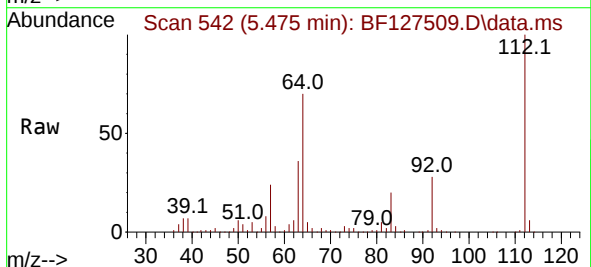
Instrument :
 BNA_F
 ClientSampleId :
 GW-3-23-2022

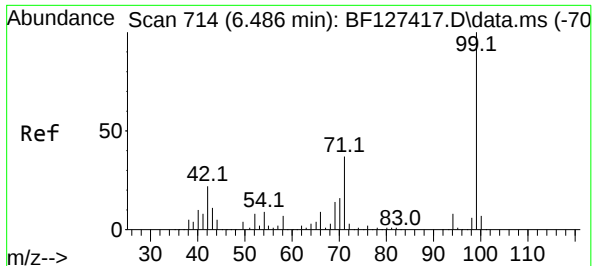
Tgt Ion:152 Resp: 81993
 Ion Ratio Lower Upper
 152 100
 150 150.8 117.2 175.8
 115 66.0 49.8 74.6



#5
 2-Fluorophenol
 Concen: 64.342 ng
 RT: 5.475 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: BF127509.D
 Acq: 24 Mar 2022 18:20

Tgt Ion:112 Resp: 330506
 Ion Ratio Lower Upper
 112 100
 64 70.3 58.4 87.6
 63 36.3 30.1 45.1

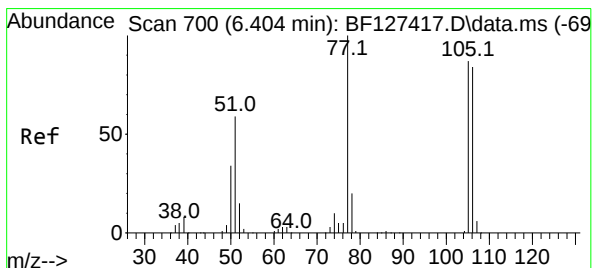
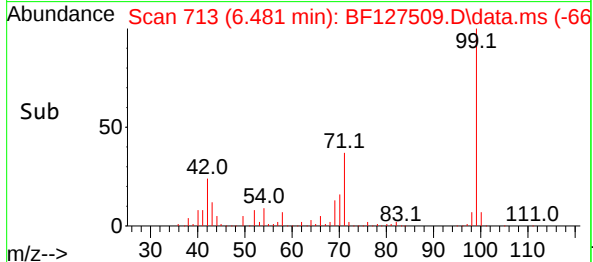
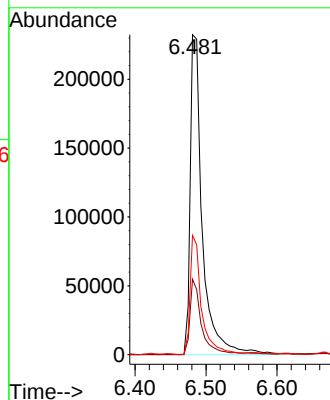
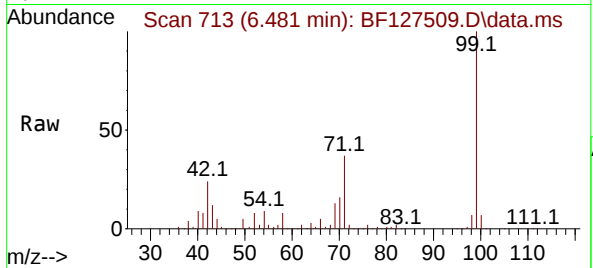




#7
Phenol-d6
Concen: 39.383 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

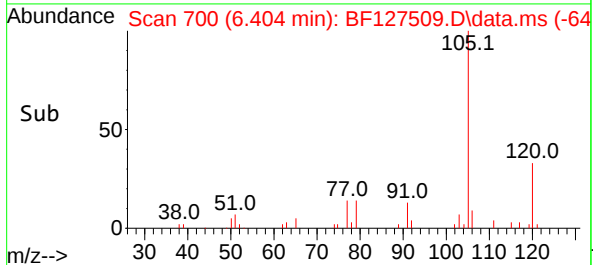
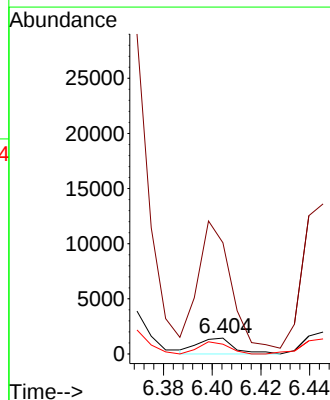
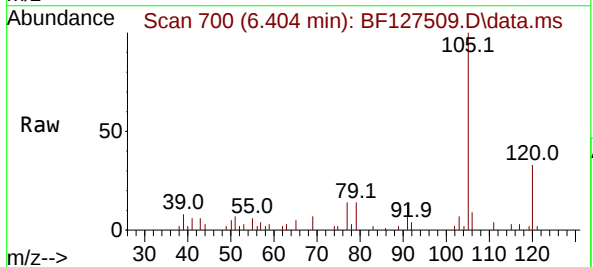
Instrument :
BNA_F
ClientSampleId :
GW-3-23-2022

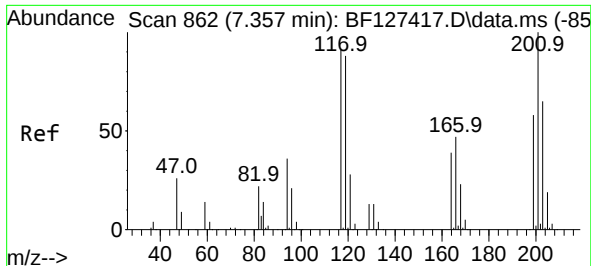
Tgt Ion: 99 Resp: 276525
Ion Ratio Lower Upper
99 100
42 23.6 17.8 26.6
71 37.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.404 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

Tgt Ion: 77 Resp: 1507
Ion Ratio Lower Upper
77 100
105 699.8 66.8 106.8#
106 61.8 64.3 104.3#

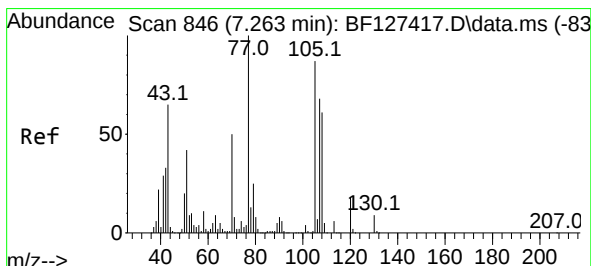
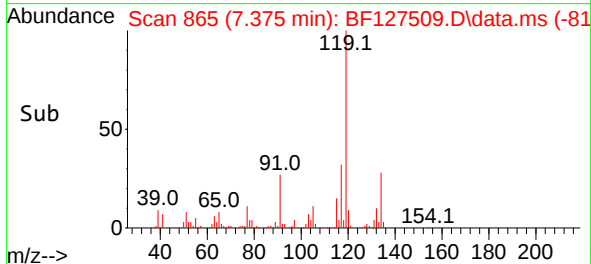
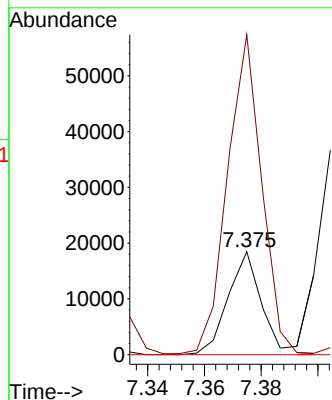
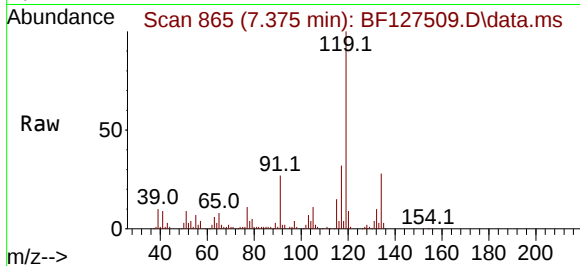




#18
Hexachloroethane
Concen: 6.826 ng
RT: 7.375 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

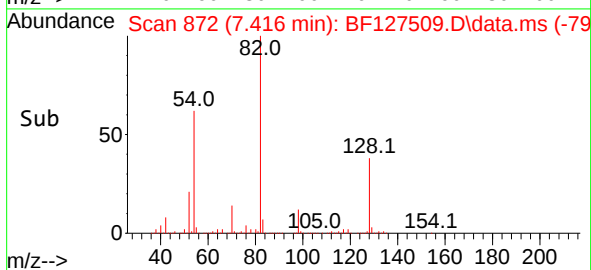
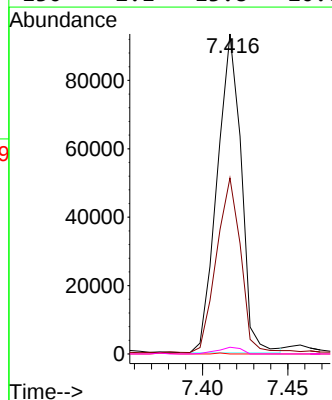
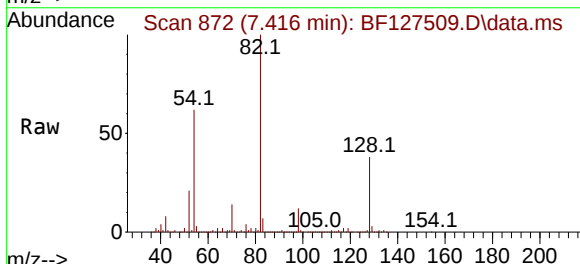
Instrument :
BNA_F
ClientSampleId :
GW-3-23-2022

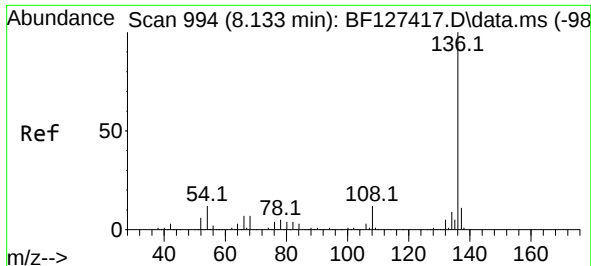
Tgt Ion:117 Resp: 14840
Ion Ratio Lower Upper
117 100
119 310.4 77.6 116.4#
201 0.0 88.2 132.2#



#19
n-Nitroso-di-n-propylamine
Concen: 21.719 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.153 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

Tgt Ion: 70 Resp: 91412
Ion Ratio Lower Upper
70 100
42 55.0 53.0 79.6
101 0.0 6.8 10.2#
130 2.1 13.8 20.6#

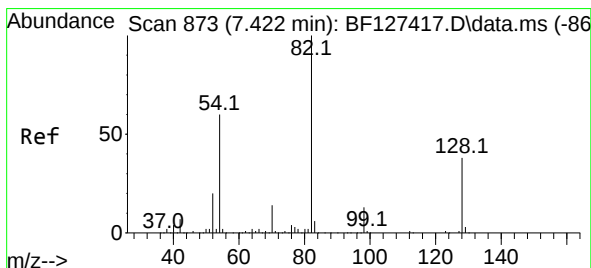
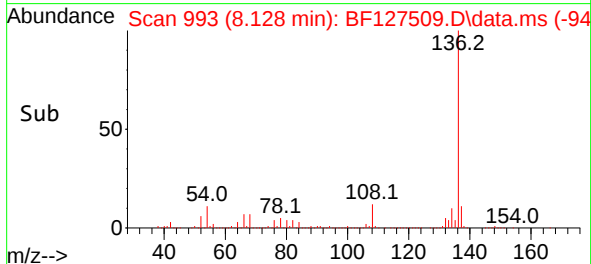
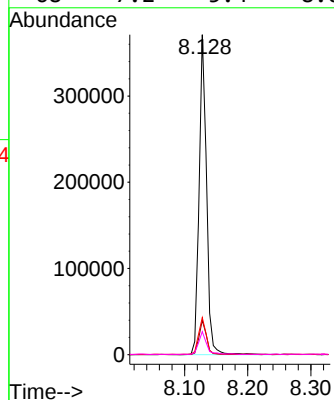
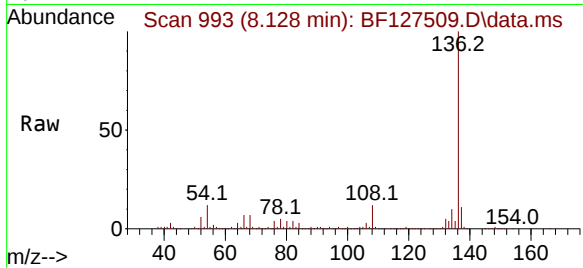




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

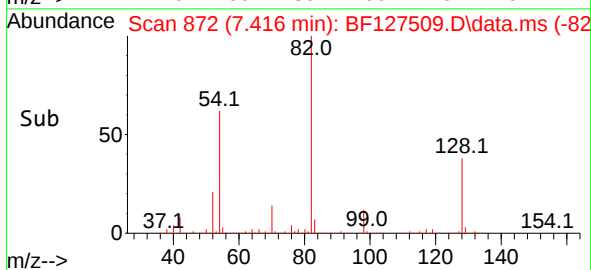
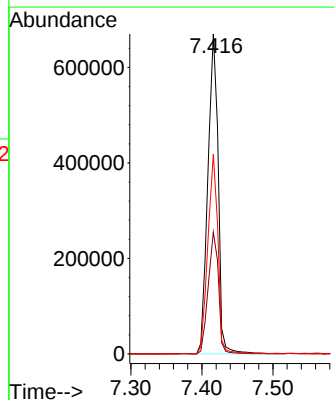
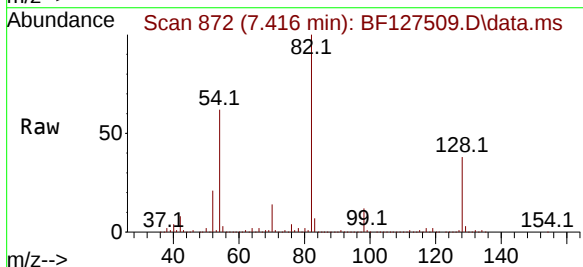
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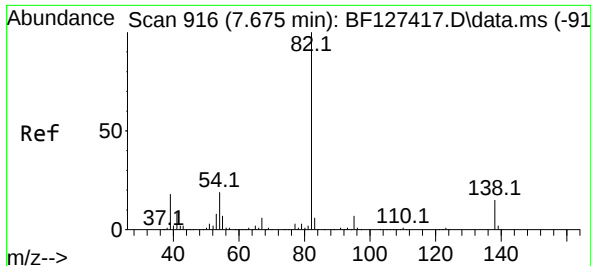
Tgt Ion:136 Resp: 302059
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 11.6 9.2 13.8
68 7.2 5.4 8.0



#23
Nitrobenzene-d5
Concen: 96.076 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

Tgt Ion: 82 Resp: 678915
Ion Ratio Lower Upper
82 100
128 38.1 30.6 45.8
54 62.3 48.2 72.2

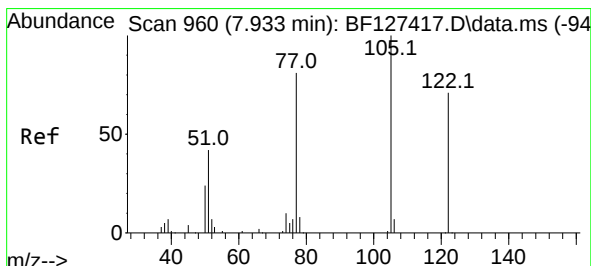
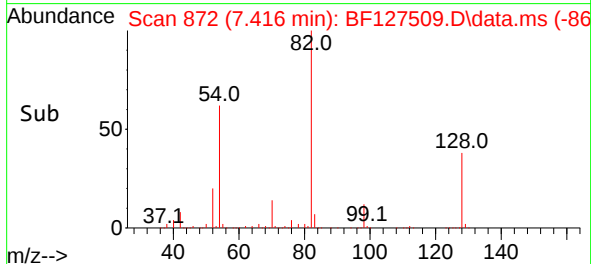
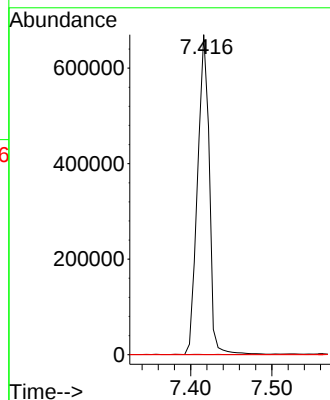
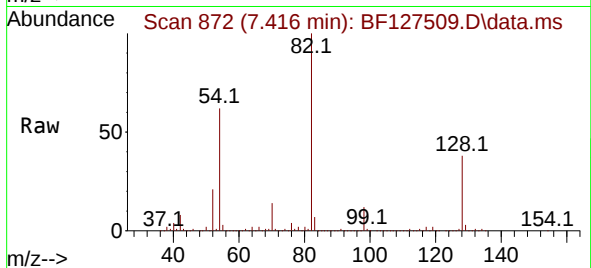




#25
Isophorone
Concen: 60.141 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

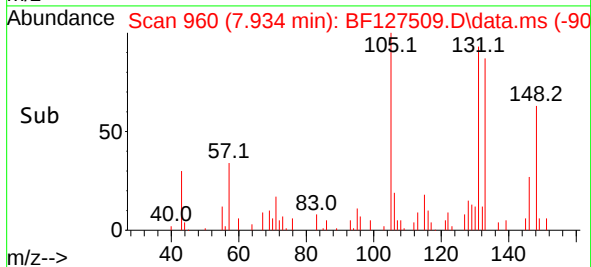
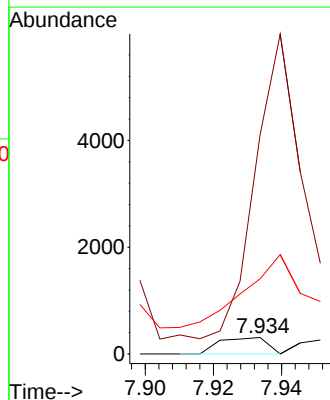
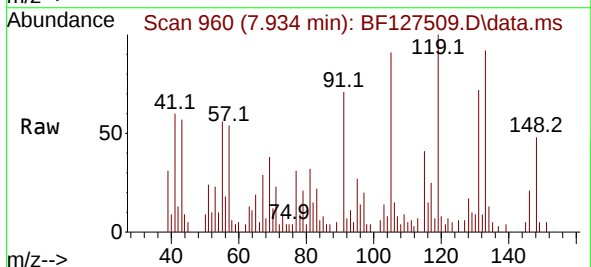
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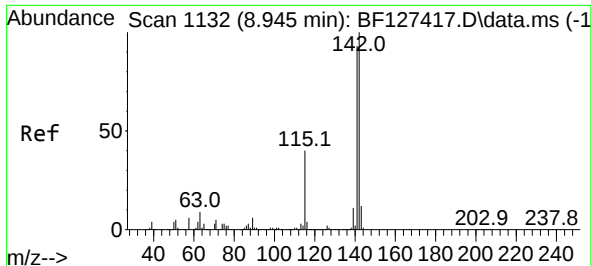
Tgt Ion: 82 Resp: 676875
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#32
Benzoic acid
Concen: 6.149 ng
RT: 7.934 min Scan# 960
Delta R.T. 0.001 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

Tgt Ion:122 Resp: 298
Ion Ratio Lower Upper
122 100
105 1330.8 117.1 157.1#
77 455.8 93.0 133.0#

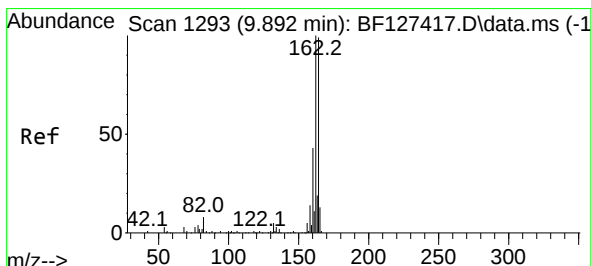
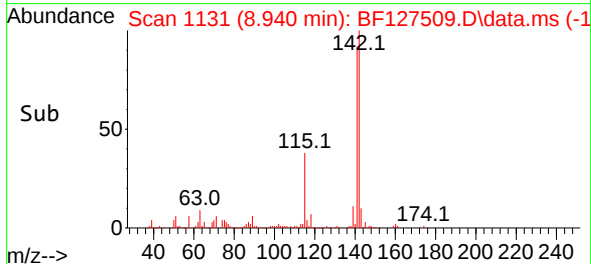
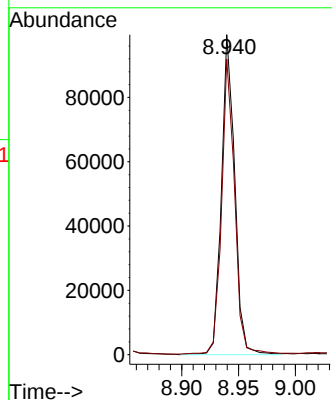
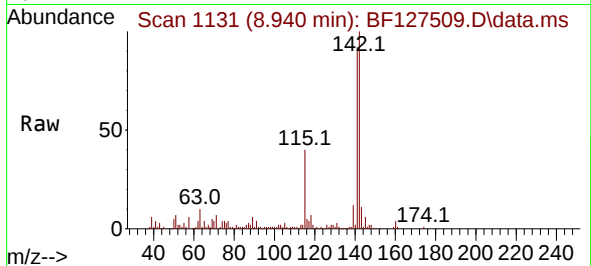




#38
1-Methylnaphthalene
Concen: 7.972 ng
RT: 8.940 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

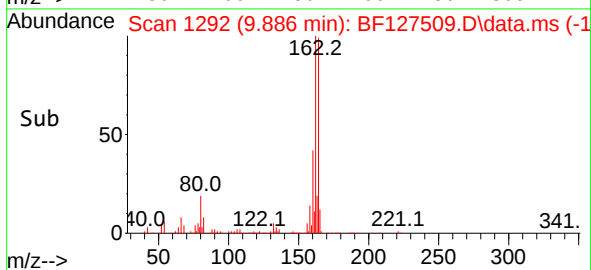
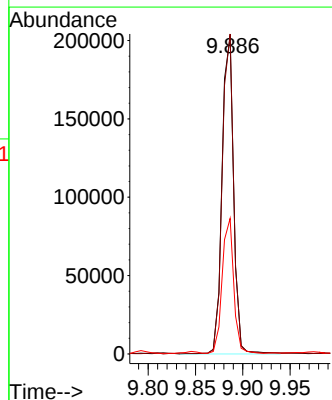
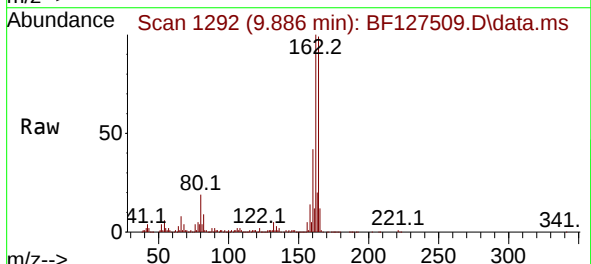
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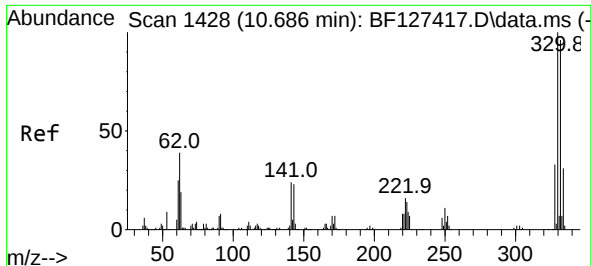
Tgt Ion:142 Resp: 81284
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

Tgt Ion:164 Resp: 172699
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 42.7 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 130.928 ng

RT: 10.681 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127509.D

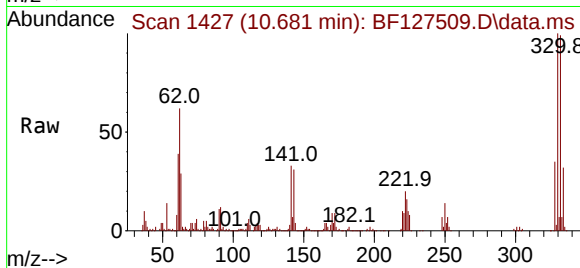
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Instrument :

BNA_F

ClientSampleId :

GW-3-23-2022



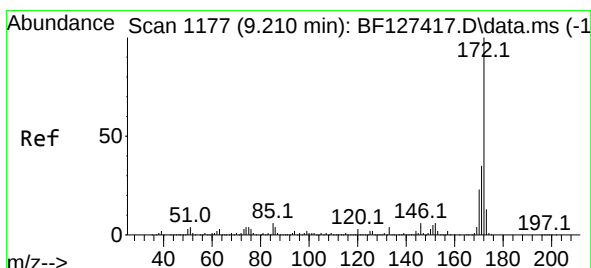
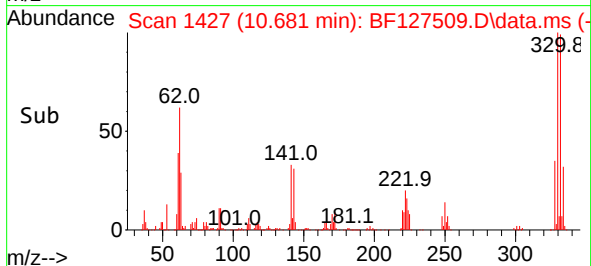
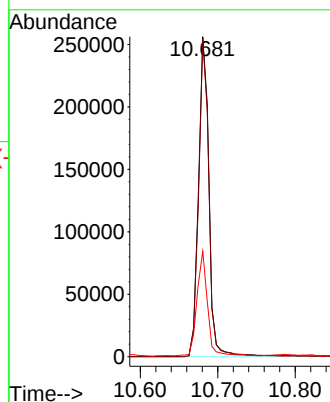
Tgt Ion:330 Resp: 240867

Ion Ratio Lower Upper

330 100

332 97.3 79.1 118.7

141 33.4 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 95.640 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127509.D

Acq: 24 Mar 2022 18:20

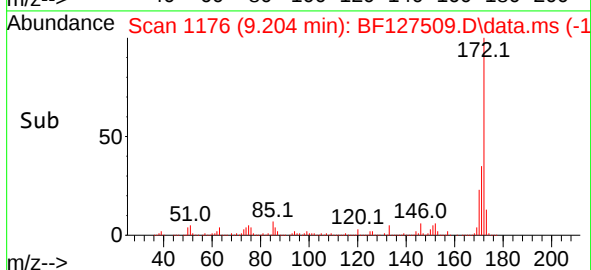
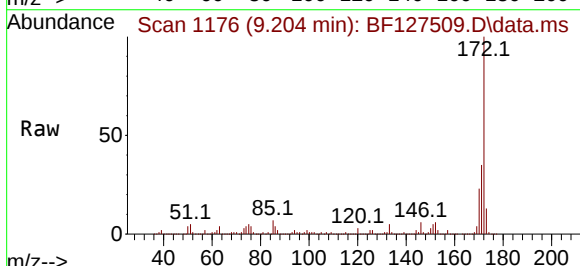
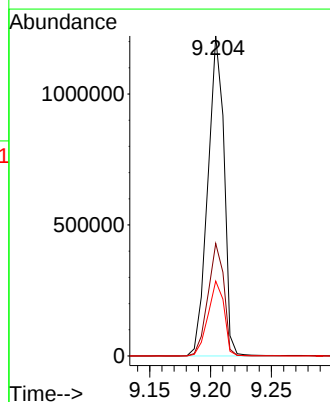
Tgt Ion:172 Resp: 1131122

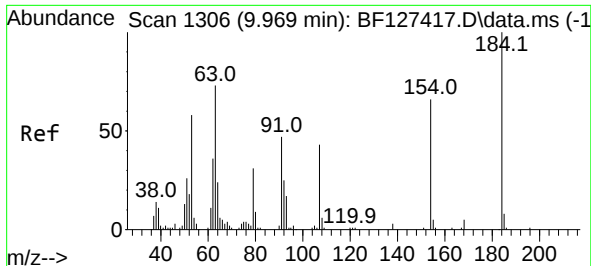
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 18.6 27.8

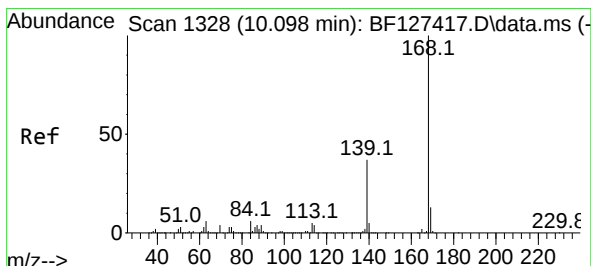
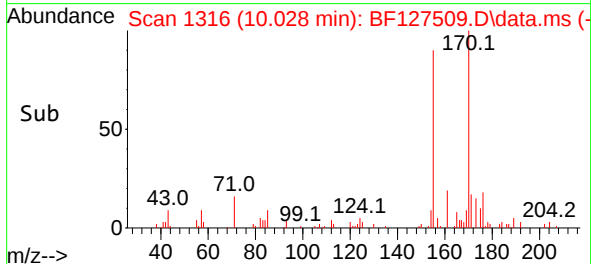
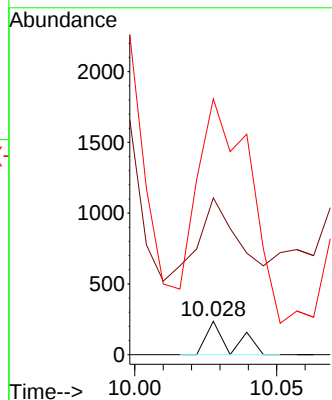
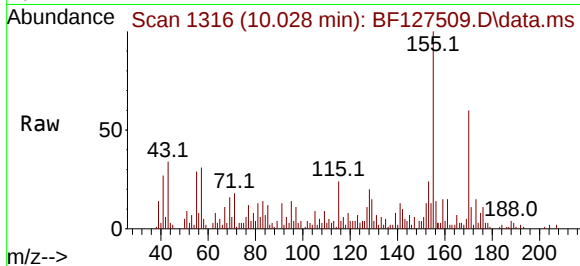




#54
2,4-Dinitrophenol
Concen: 8.798 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

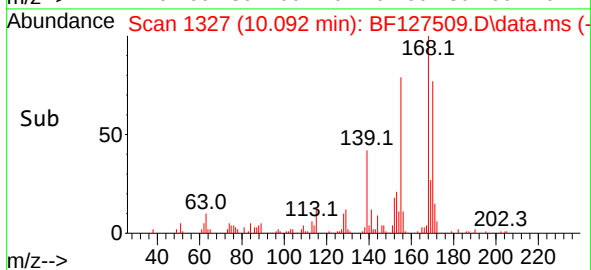
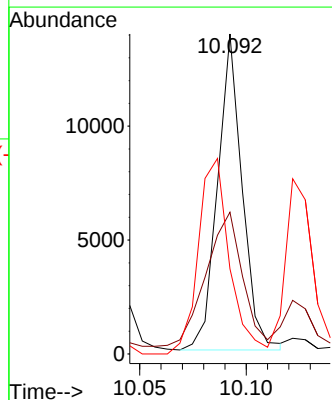
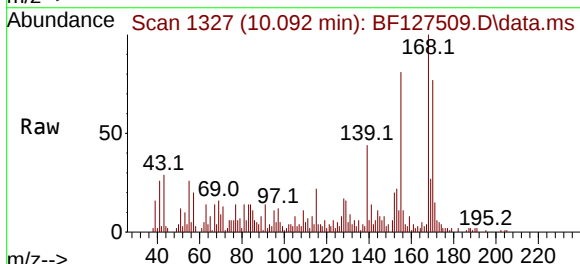
Instrument :
BNA_F
ClientSampleId :
GW-3-23-2022

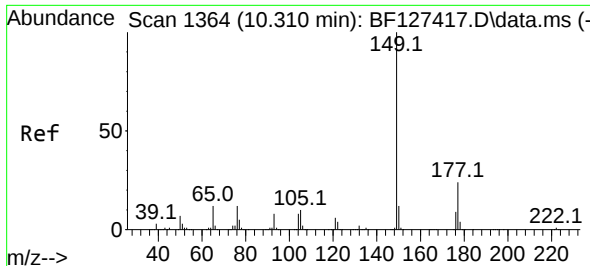
Tgt Ion:184 Resp: 139
Ion Ratio Lower Upper
184 100
63 469.5 58.1 87.1#
154 766.1 53.2 79.8#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.092 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

Tgt Ion:168 Resp: 11170
Ion Ratio Lower Upper
168 100
139 44.3 30.3 45.5
169 26.6 10.8 16.2#

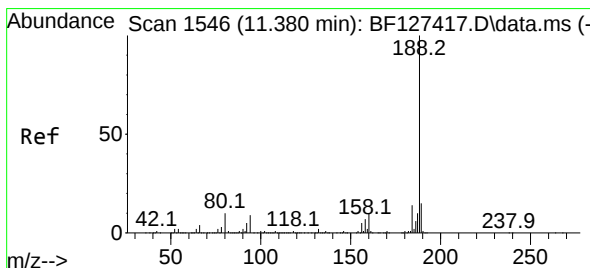
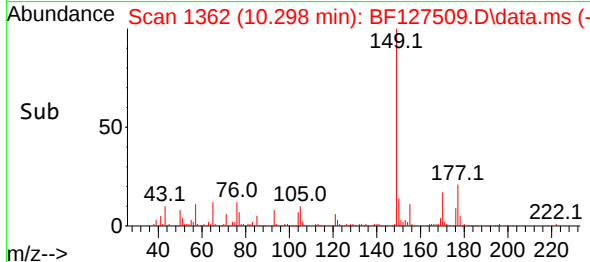
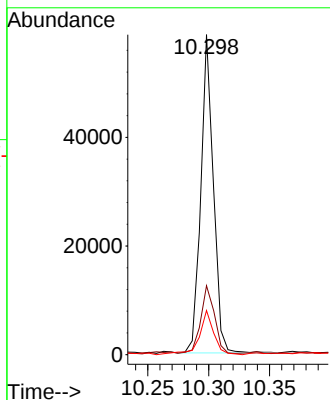
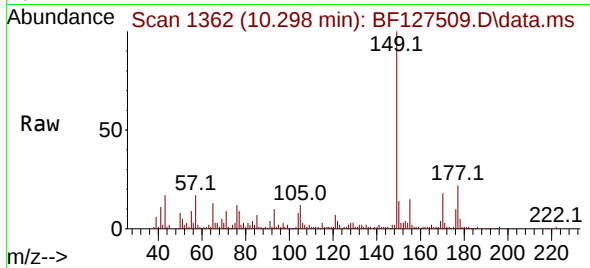




#60
Diethylphthalate
Concen: 3.826 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

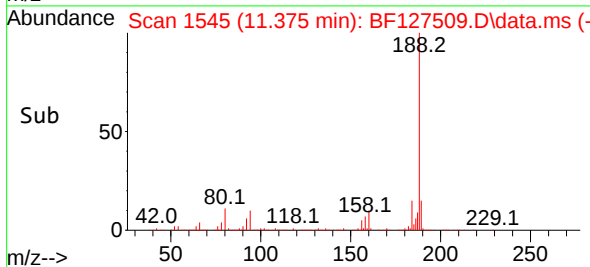
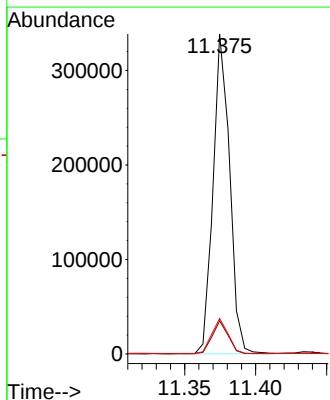
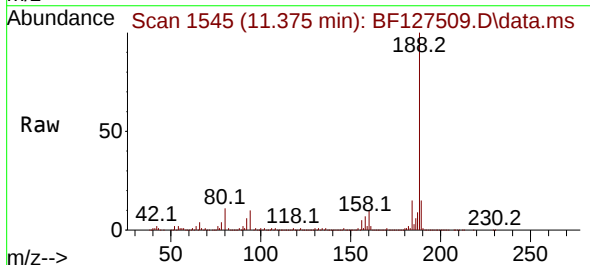
Instrument :
BNA_F
ClientSampleId :
GW-3-23-2022

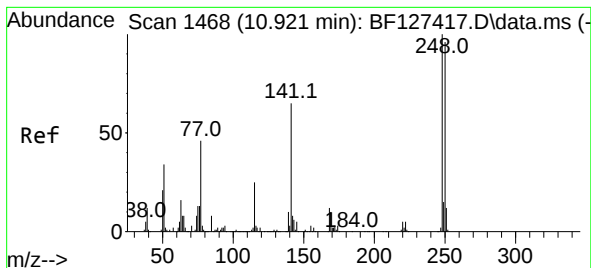
Tgt Ion:149 Resp: 41983
Ion Ratio Lower Upper
149 100
177 21.5 18.9 28.3
150 13.8 10.0 15.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

Tgt Ion:188 Resp: 274724
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.0
80 11.1 8.0 12.0

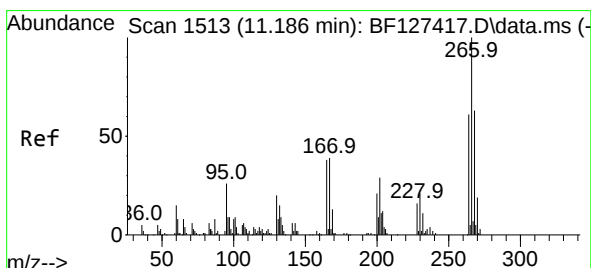
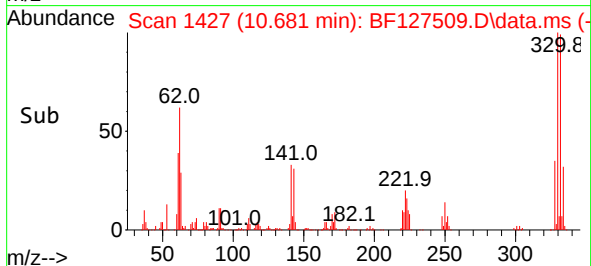
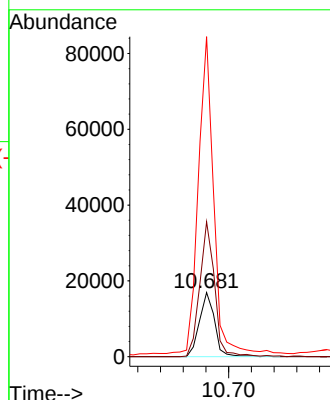
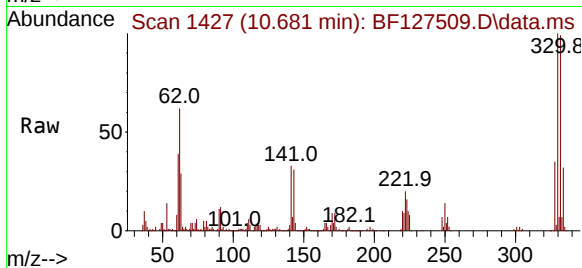




#67
4-Bromophenyl-phenylether
Concen: 4.919 ng
RT: 10.681 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

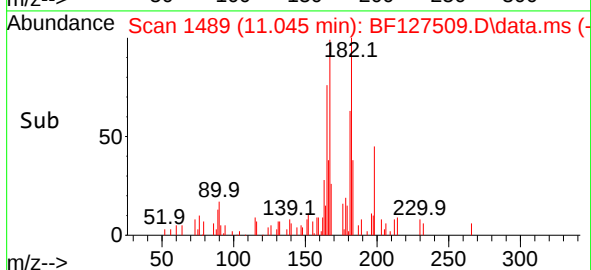
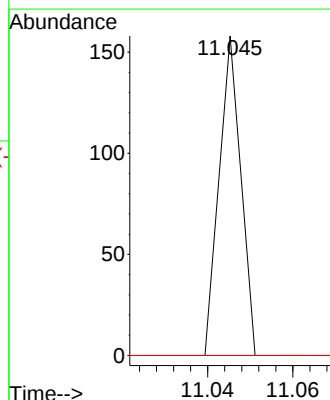
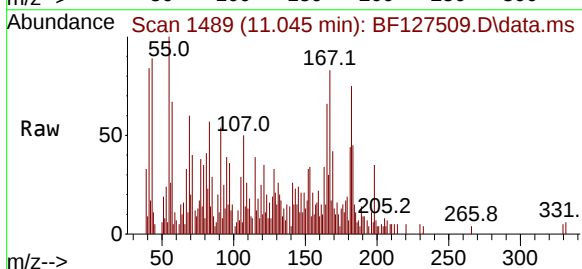
Instrument :
BNA_F
ClientSampleId :
GW-3-23-2022

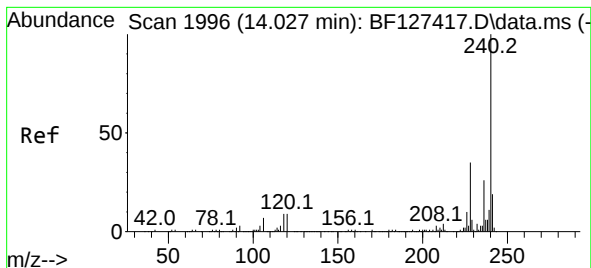
Tgt Ion:248 Resp: 15776
Ion Ratio Lower Upper
248 100
250 210.2 76.6 115.0#
141 498.6 52.2 78.2#



#70
Pentachlorophenol
Concen: 6.780 ng
RT: 11.045 min Scan# 1489
Delta R.T. -0.141 min
Lab File: BF127509.D
Acq: 24 Mar 2022 18:20

Tgt Ion:266 Resp: 56
Ion Ratio Lower Upper
266 100
268 0.0 50.4 75.6#
264 0.0 48.5 72.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF127509.D

Acq: 24 Mar 2022 18:20

Instrument :

BNA_F

ClientSampleId :

GW-3-23-2022

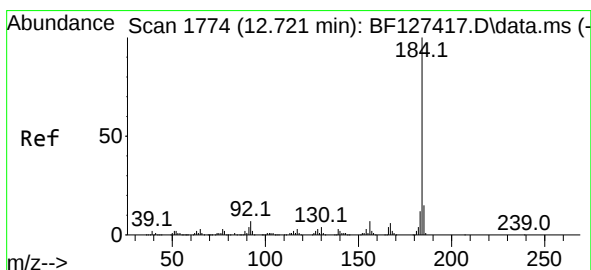
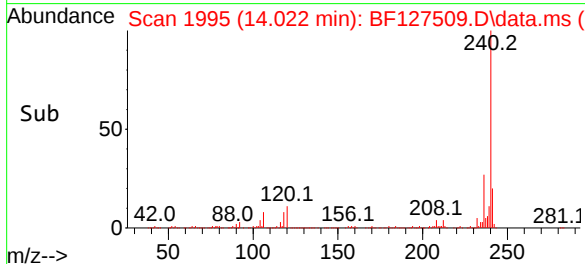
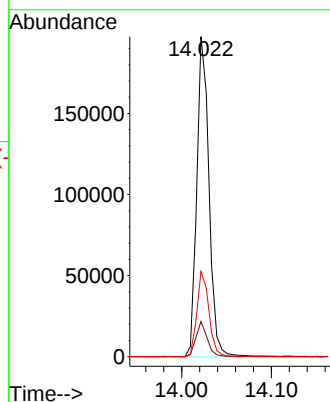
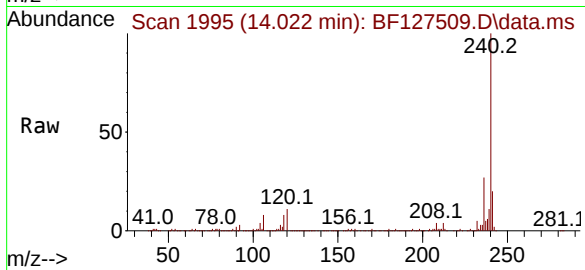
Tgt Ion:240 Resp: 186323

Ion Ratio Lower Upper

240 100

120 11.0 7.1 10.7#

236 26.6 20.7 31.1



#77

Benidine

Concen: 2.915 ng

RT: 12.963 min Scan# 1815

Delta R.T. 0.241 min

Lab File: BF127509.D

Acq: 24 Mar 2022 18:20

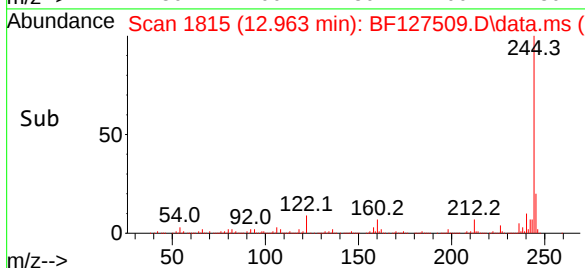
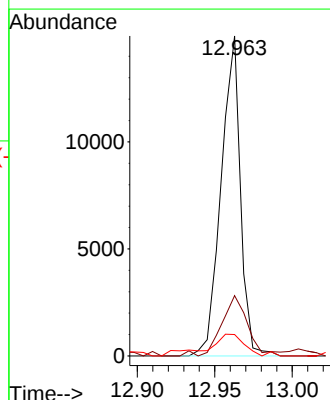
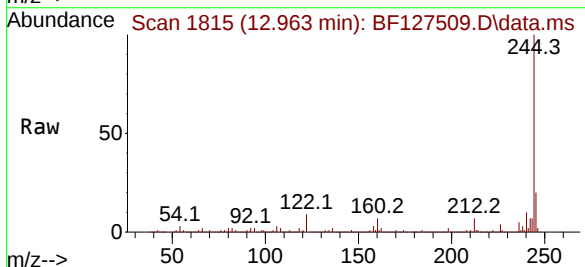
Tgt Ion:184 Resp: 12951

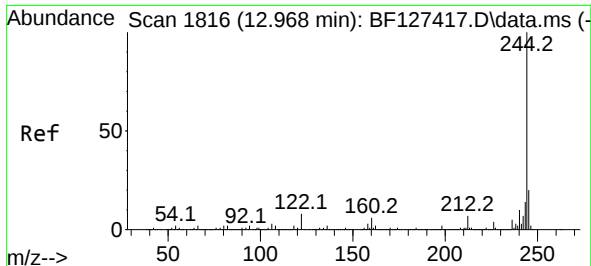
Ion Ratio Lower Upper

184 100

185 18.9 12.2 18.2#

183 6.7 9.4 14.0#

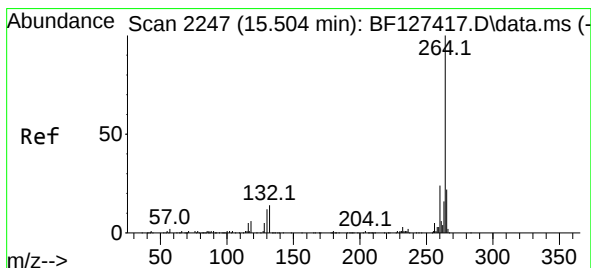
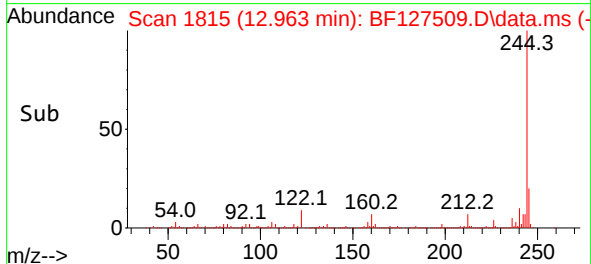
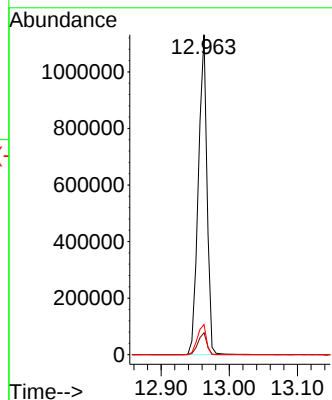
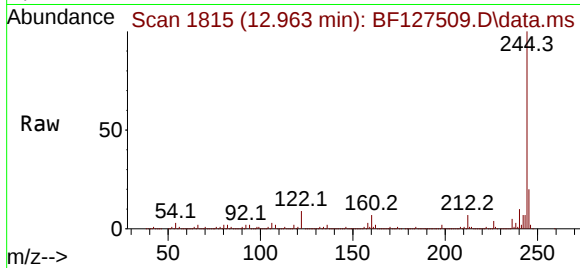




#79
 Terphenyl-d14
 Concen: 87.016 ng
 RT: 12.963 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127509.D
 Acq: 24 Mar 2022 18:20

Instrument :
 BNA_F
 ClientSampleId :
 GW-3-23-2022

Tgt Ion:244 Resp: 990399
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.4 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF127509.D
 Acq: 24 Mar 2022 18:20

Tgt Ion:264 Resp: 193508
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 20.8 17.4 26.2

