

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119613.D
 Acq On : 28 Mar 2020 13:36
 Operator : CG/JU
 Sample : L2013-09DL 100X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHD1-SB-0203-0-11DL

Quant Time: Mar 29 23:17:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

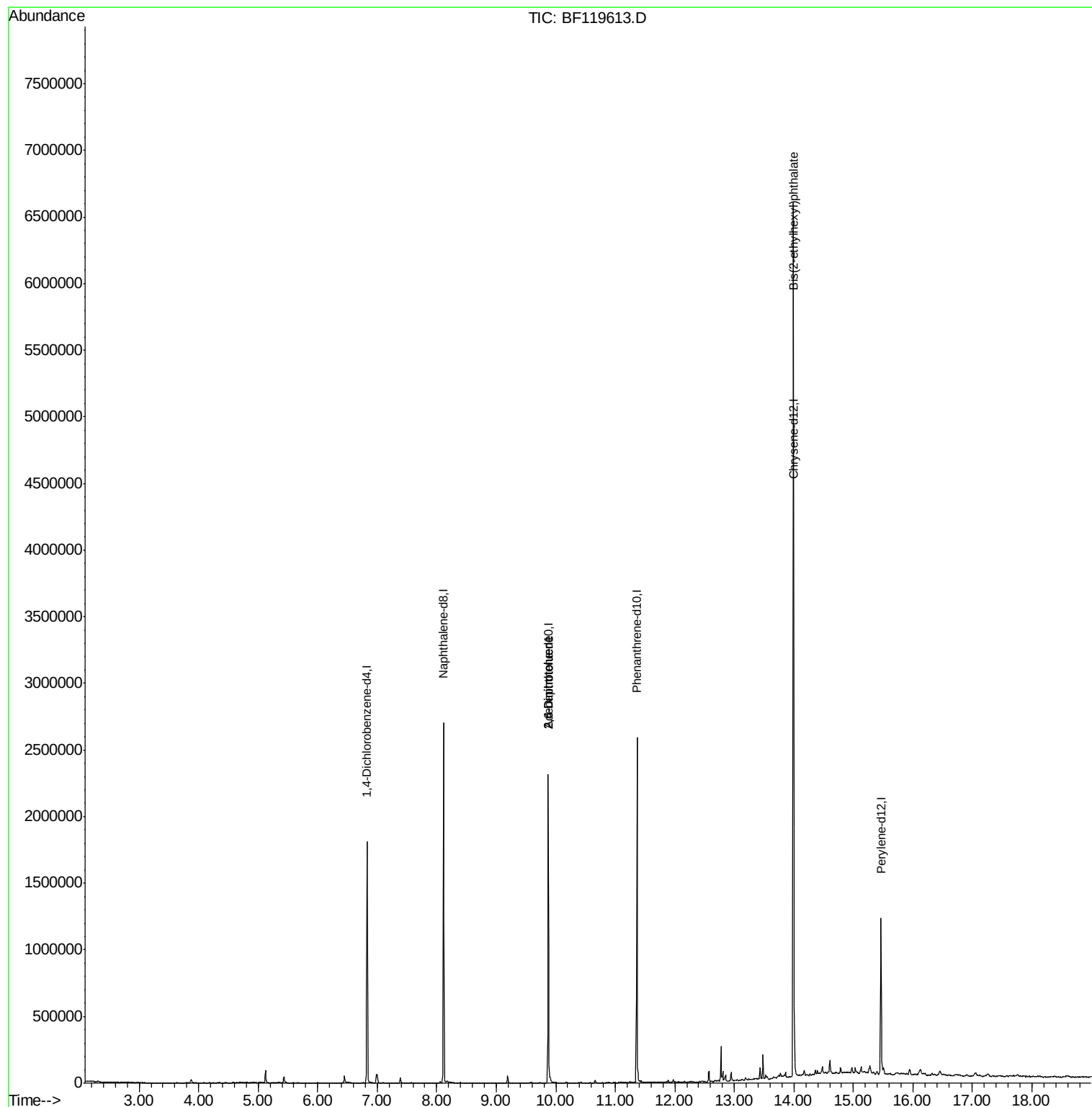
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	278390	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1087415	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	447915	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	948222	20.00	ng	0.00
76) Chrysene-d12	14.00	240	559027	20.00	ng	-0.01
87) Perylene-d12	15.46	264	534093	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	13205	0.76	ng	0.00
7) Phenol-d6	6.45	99	20963	0.94	ng	-0.02
23) Nitrobenzene-d5	7.39	82	12788	0.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	3855	0.83	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	18218	0.60	ng	-0.01
79) Terphenyl-d14	12.94	244	21450	0.75	ng	-0.02
Target Compounds						
51) 2,6-Dinitrotoluene	9.87	165	57991	8.50	ng	# 27
57) 2,4-Dinitrotoluene	9.87	165	57992	6.75	ng	# 20
84) Bis(2-ethylhexyl)phthalate	13.99	149	1510836	68.30	ng	97

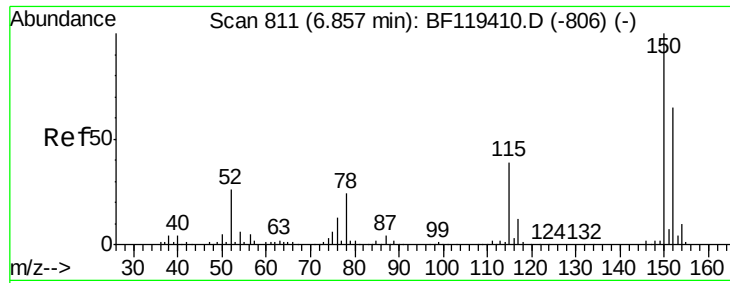
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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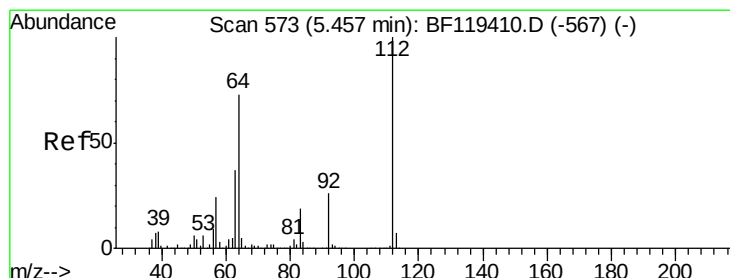
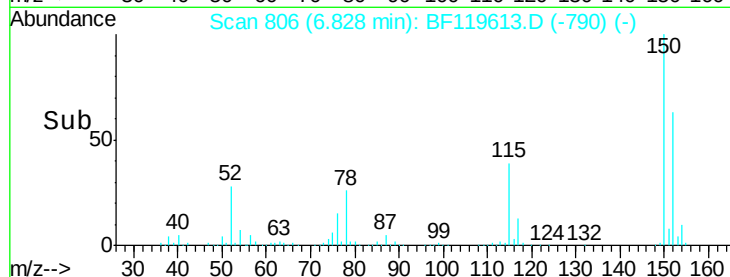
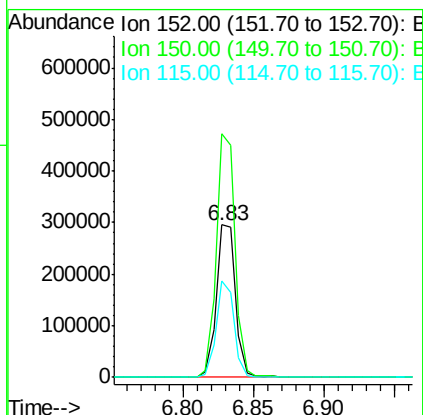
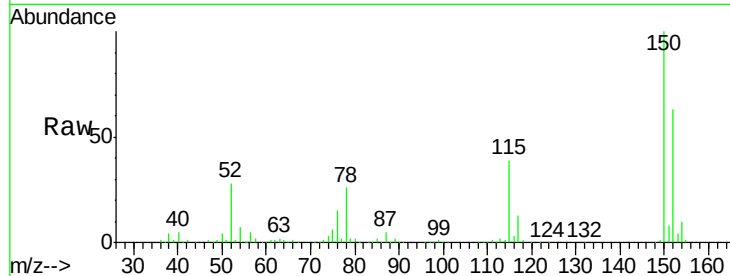




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF119613.D
 Acq: 28 Mar 2020 13:36

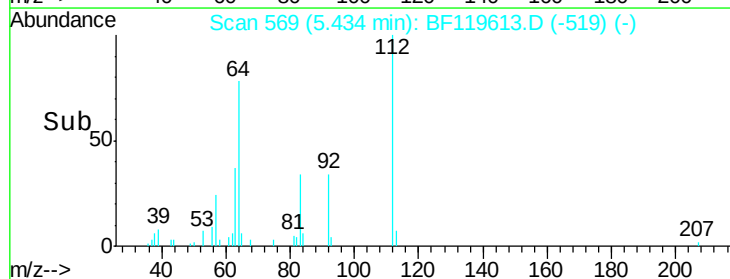
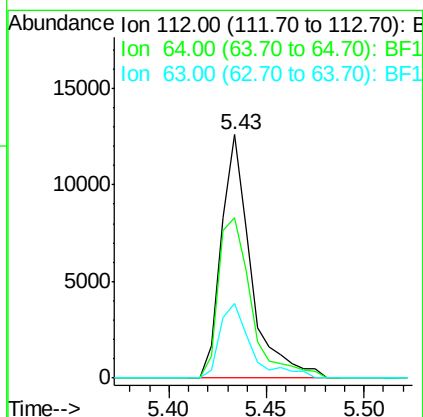
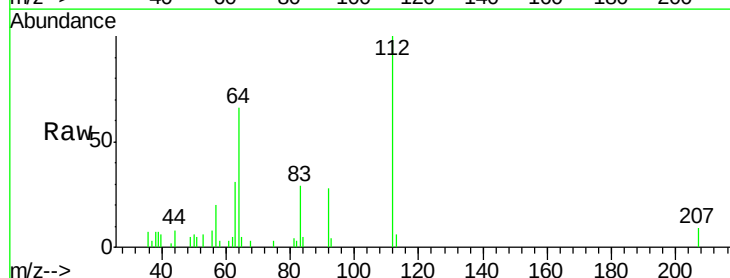
Instrument :
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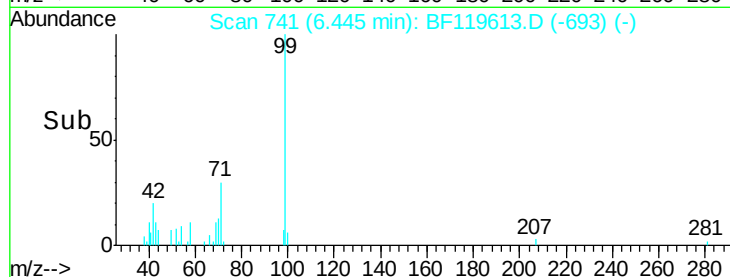
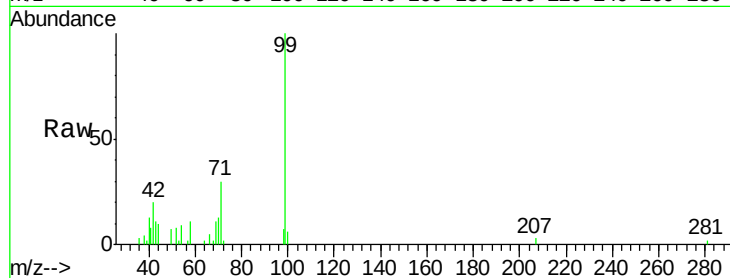
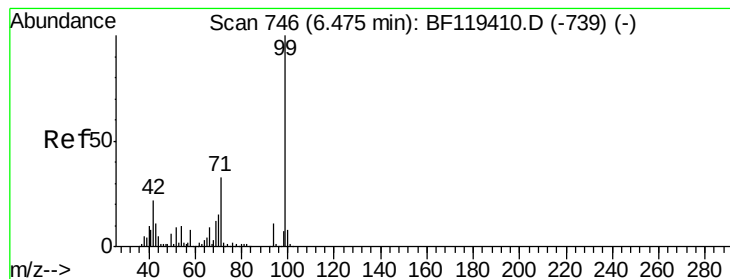
Tgt Ion:152 Resp: 278390
 Ion Ratio Lower Upper
 152 100
 150 159.8 124.5 186.7
 115 62.9 49.6 74.4



#5
 2-Fluorophenol
 Concen: 0.76 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF119613.D
 Acq: 28 Mar 2020 13:36

Tgt Ion:112 Resp: 13205
 Ion Ratio Lower Upper
 112 100
 64 65.6 56.7 85.1
 63 30.8 29.5 44.3





#7

Phenol-d6

Concen: 0.94 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF119613.D

Acq: 28 Mar 2020 13:36

Instrument :

BNA_F

ClientSampleId :

GHD1-SB-0203-0-11DL

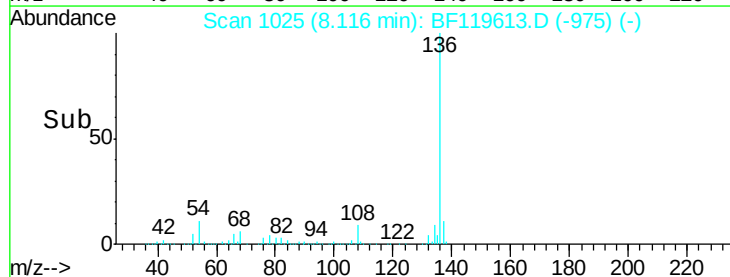
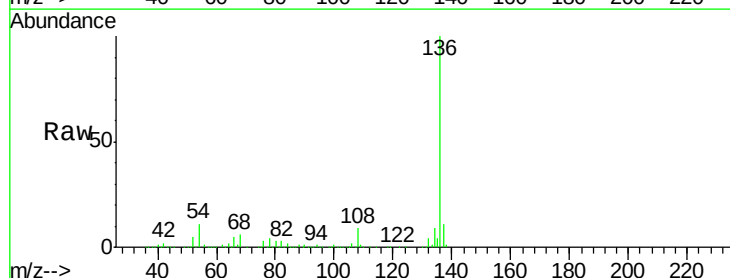
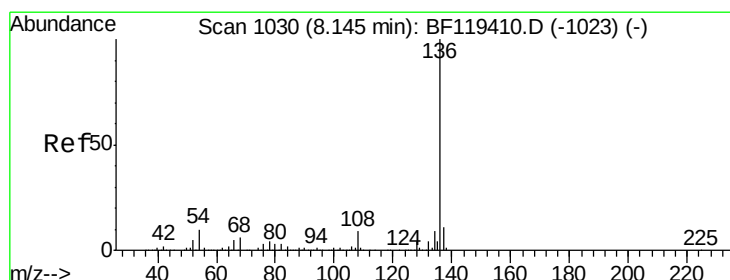
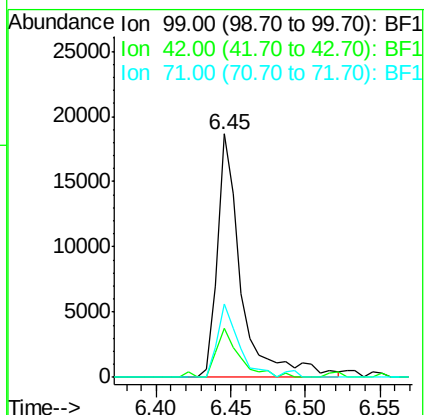
Tgt Ion: 99 Resp: 20963

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

71 30.0 26.4 39.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119613.D

Acq: 28 Mar 2020 13:36

Tgt Ion: 136 Resp: 1087415

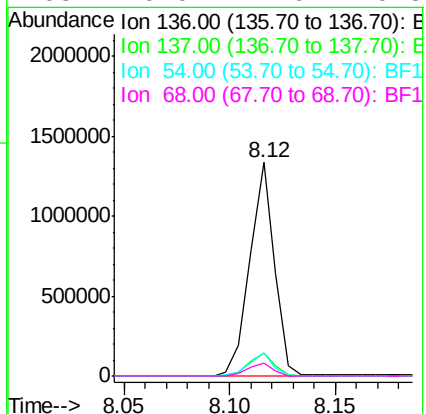
Ion Ratio Lower Upper

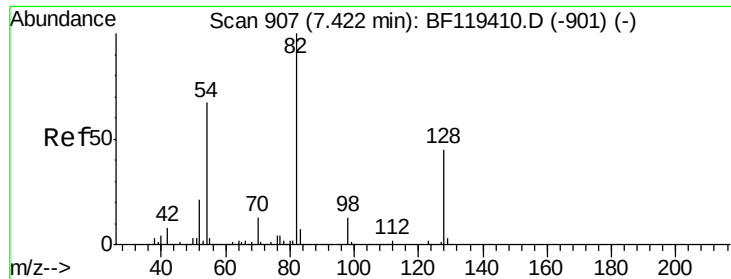
136 100

137 11.1 8.7 13.1

54 10.5 9.1 13.7

68 6.0 4.6 6.8

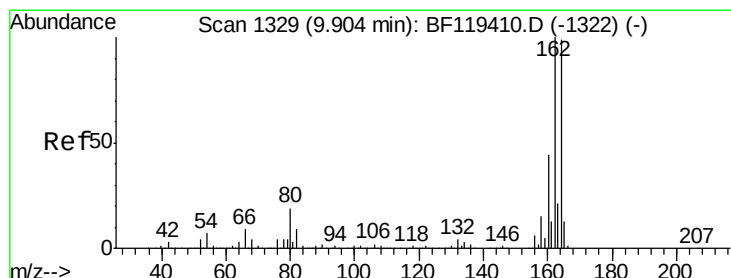
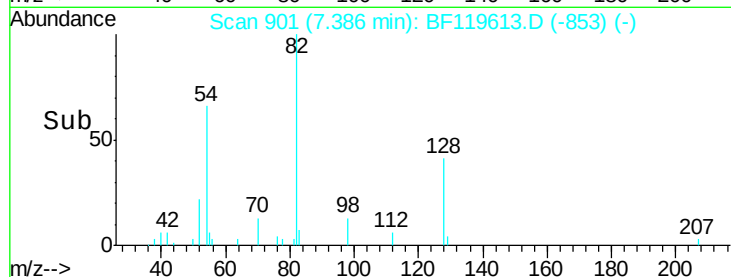
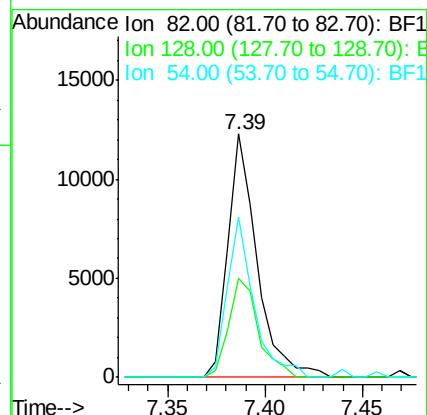
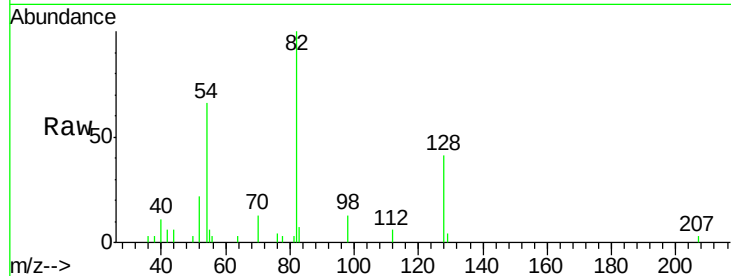




#23
 Nitrobenzene-d5
 Concen: 0.64 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF119613.D
 Acq: 28 Mar 2020 13:36

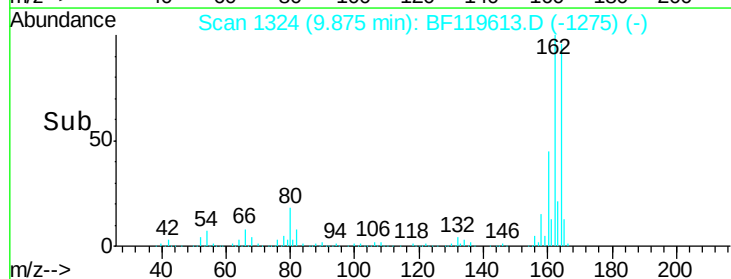
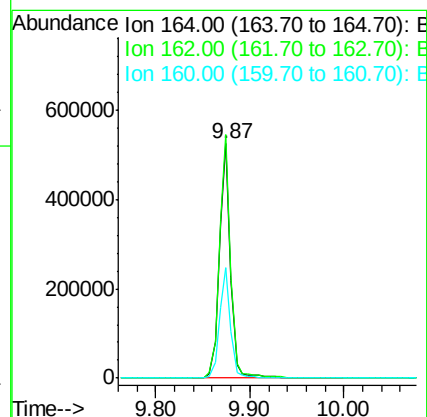
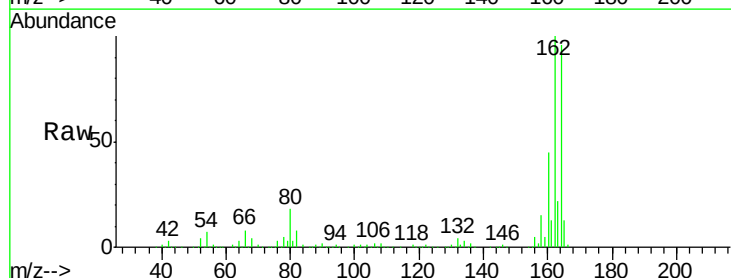
Instrument :
 BNA_F
 ClientSampleId :
 GHD1-SB-0203-0-11DL

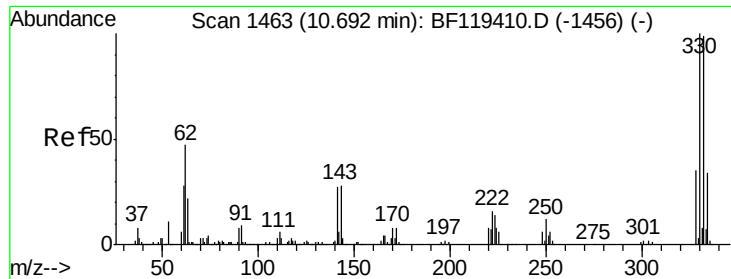
Tgt Ion: 82 Resp: 12788
 Ion Ratio Lower Upper
 82 100
 128 40.9 36.3 54.5
 54 65.7 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF119613.D
 Acq: 28 Mar 2020 13:36

Tgt Ion: 164 Resp: 447915
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.6 121.0
 160 47.2 35.7 53.5

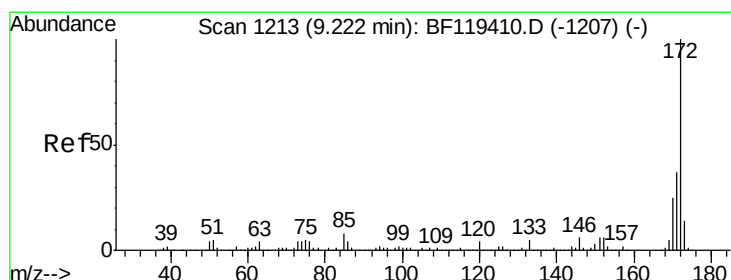
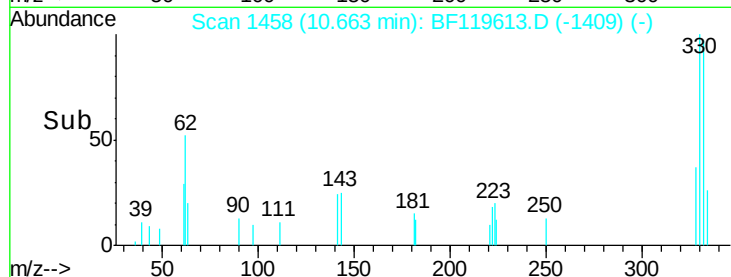
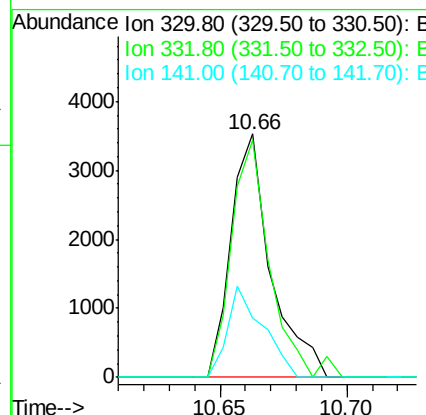
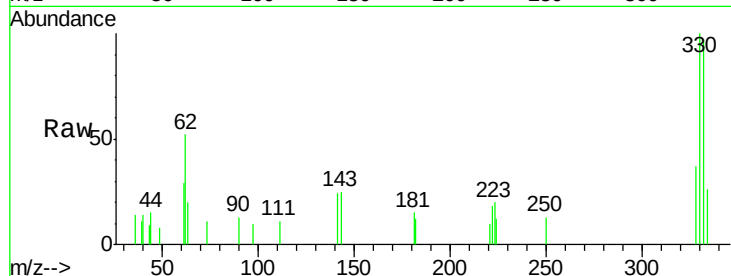




#42
 2,4,6-Tribromophenol
 Concen: 0.83 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119613.D
 Acq: 28 Mar 2020 13:36

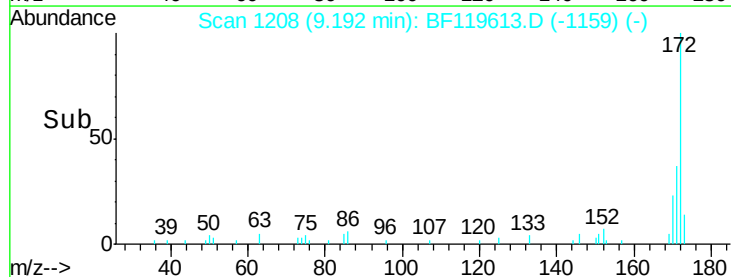
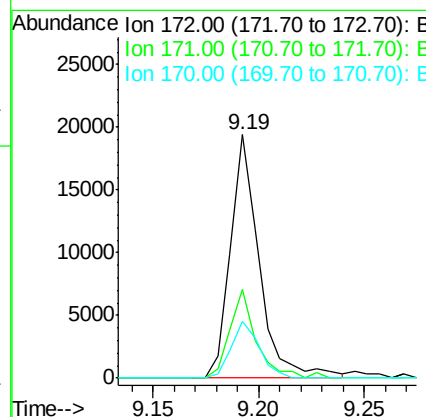
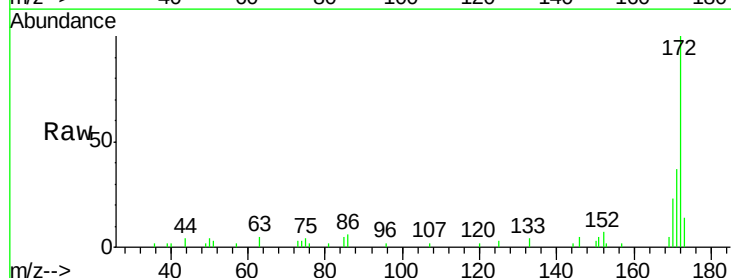
Instrument :
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 ClientSampleId :
 GHD1-SB-0203-0-11DL

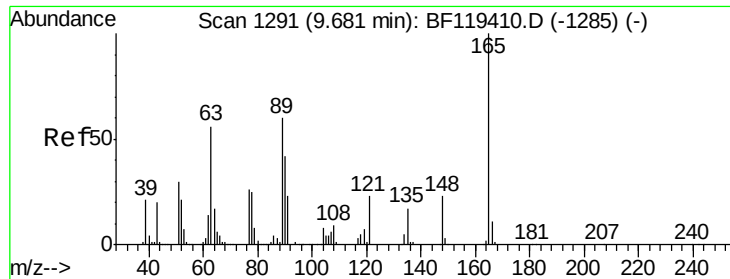
Tgt Ion: 330 Resp: 3855
 Ion Ratio Lower Upper
 330 100
 332 93.7 75.7 113.5
 141 33.3 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 0.60 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF119613.D
 Acq: 28 Mar 2020 13:36

Tgt Ion: 172 Resp: 18218
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.2 20.2 30.2

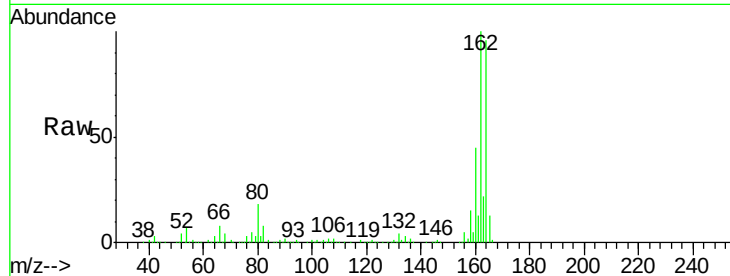




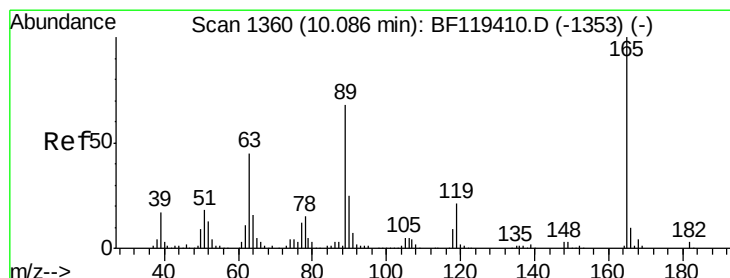
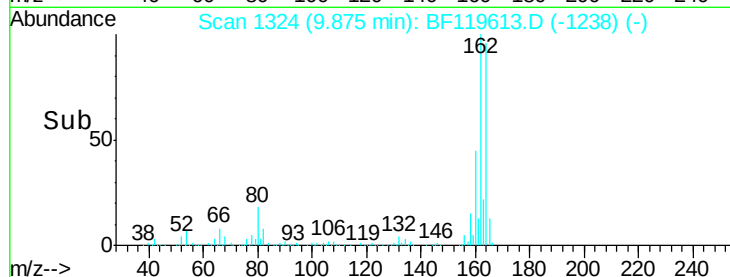
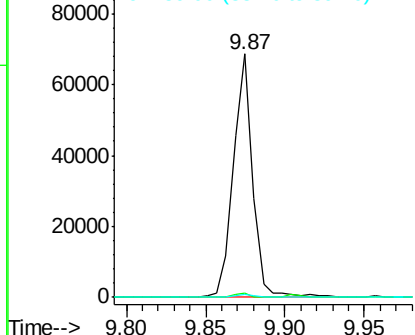
#51
 2,6-Dinitrotoluene
 Concen: 8.50 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119613.D
 Acq: 28 Mar 2020 13:36

Instrument :
 BNA_F
 ClientSampleId :
 GHD1-SB-0203-0-11DL

Tgt Ion:165 Resp: 57991
 Ion Ratio Lower Upper
 165 100
 63 1.7 45.0 67.4#
 89 1.4 41.5 62.3#



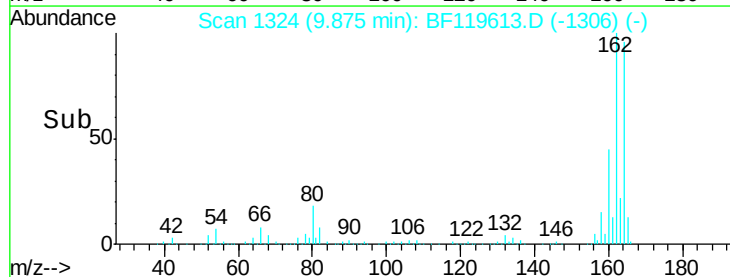
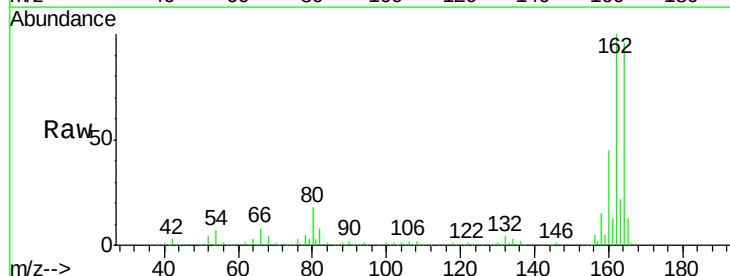
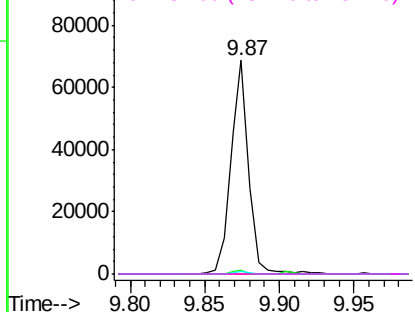
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

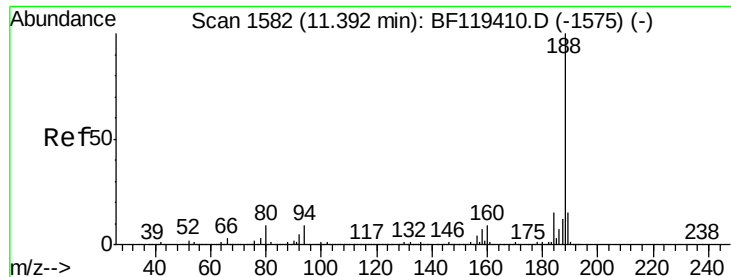


#57
 2,4-Dinitrotoluene
 Concen: 6.75 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119613.D
 Acq: 28 Mar 2020 13:36

Tgt Ion:165 Resp: 57992
 Ion Ratio Lower Upper
 165 100
 63 1.7 42.6 64.0#
 89 1.4 61.0 91.4#
 182 0.0 2.2 3.2#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119613.D

Acq: 28 Mar 2020 13:36

Instrument :

BNA_F

ClientSampleId :

GHD1-SB-0203-0-11DL

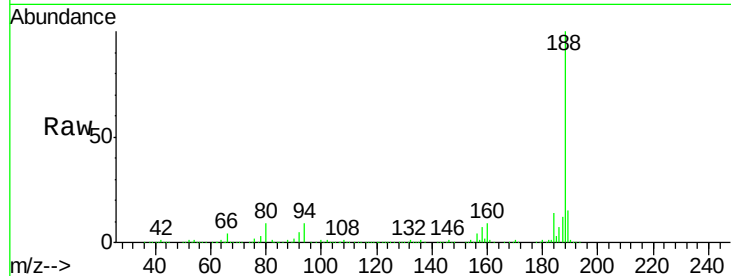
Tgt Ion:188 Resp: 948222

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

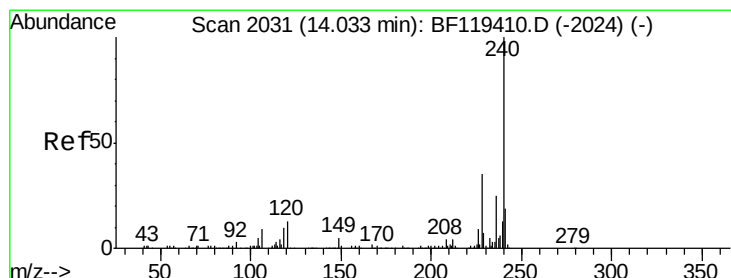
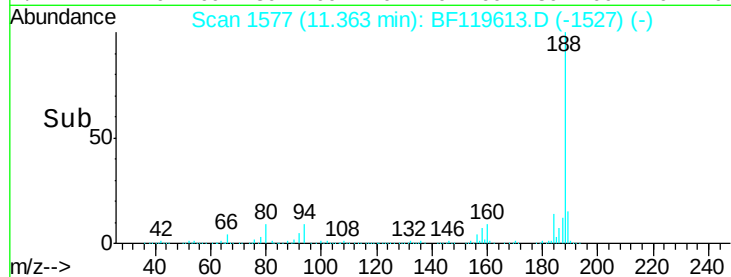
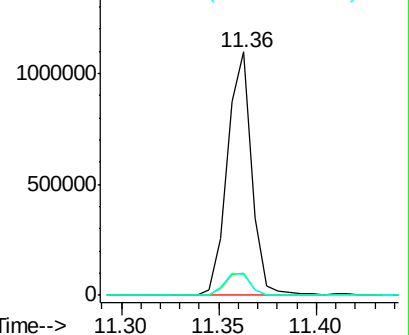
80 8.8 9.0 13.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119613.D

Acq: 28 Mar 2020 13:36

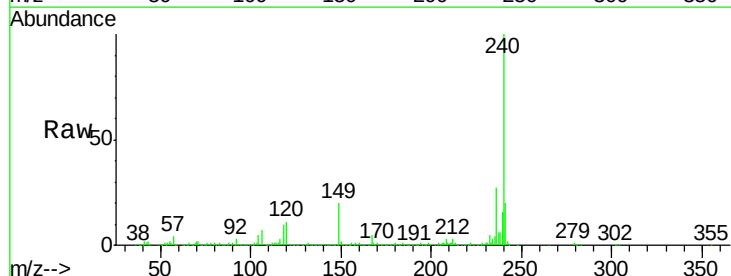
Tgt Ion:240 Resp: 559027

Ion Ratio Lower Upper

240 100

120 10.5 10.6 15.8#

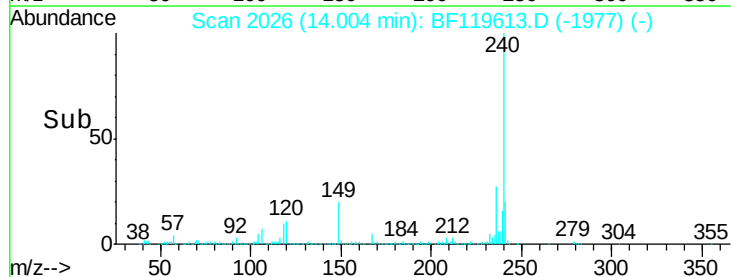
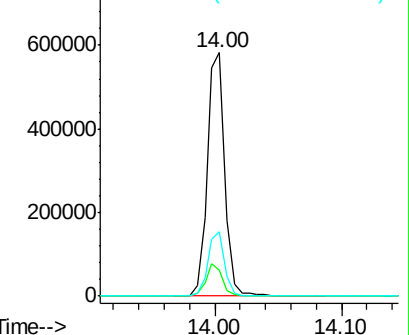
236 26.7 20.2 30.2

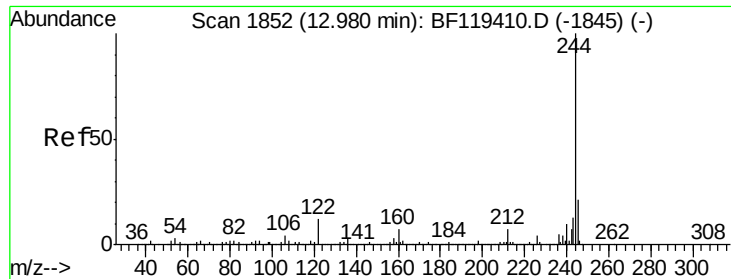


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 0.75 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF119613.D

Acq: 28 Mar 2020 13:36

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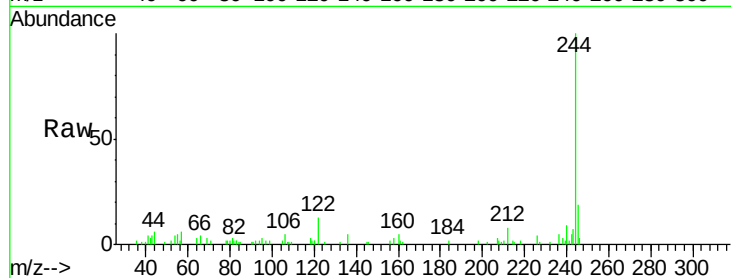
Tgt Ion:244 Resp: 21450

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

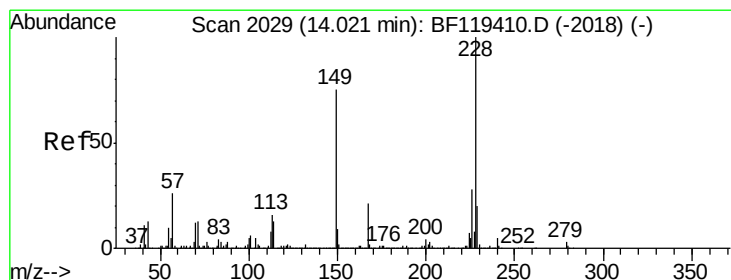
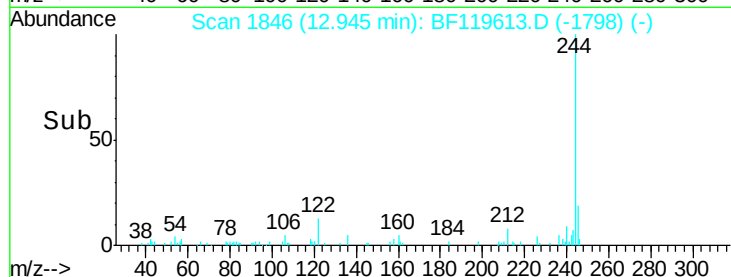
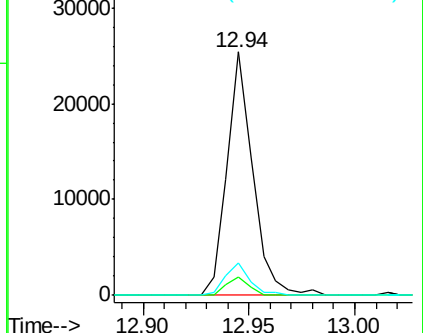
122 13.3 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 68.30 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF119613.D

Acq: 28 Mar 2020 13:36

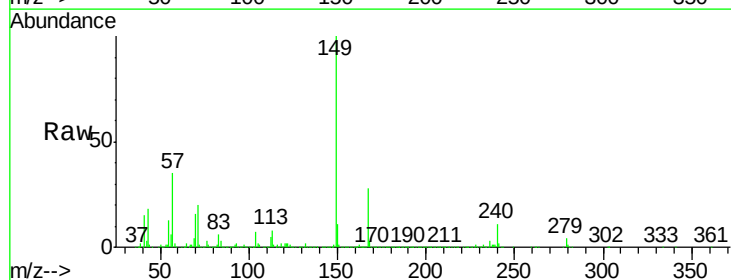
Tgt Ion:149 Resp: 1510836

Ion Ratio Lower Upper

149 100

167 28.1 21.3 31.9

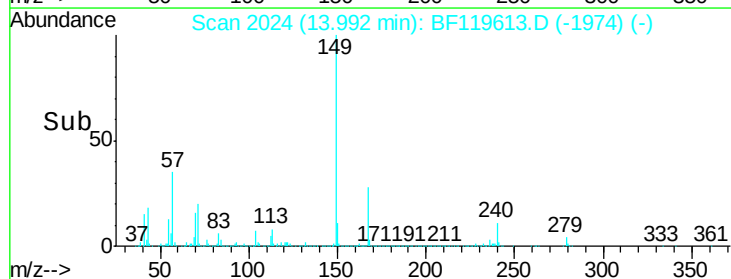
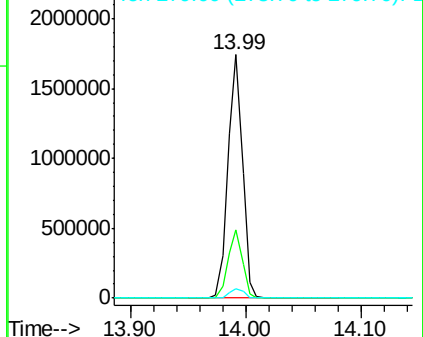
279 4.0 2.7 4.1

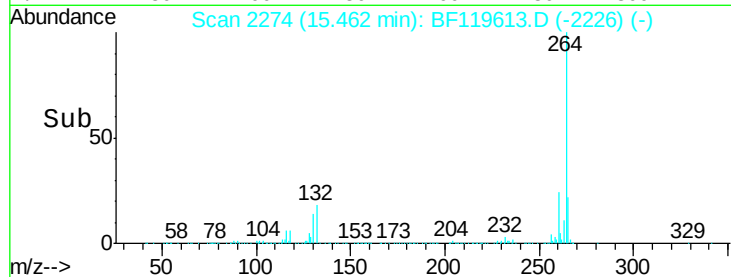
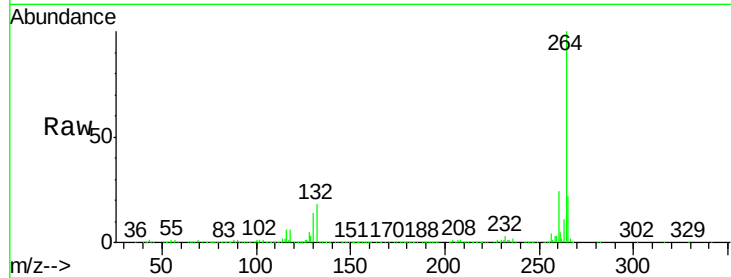
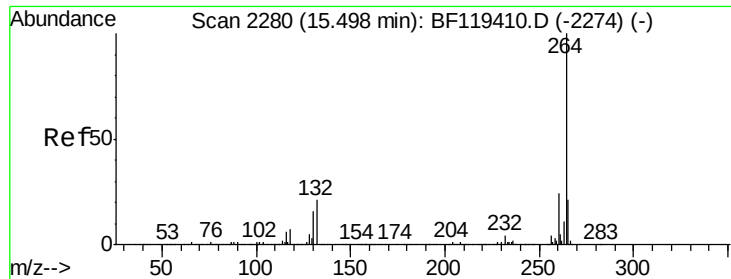


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF119613.D
Acq: 28 Mar 2020 13:36

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11DL

Tgt Ion: 264 Resp: 534093
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.6 17.7 26.5

