

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119521.D
 Acq On : 26 Mar 2020 1:37
 Operator : CG/JU
 Sample : L2013-08 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHD1-SB-01-0-52

Quant Time: Mar 26 06:59:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

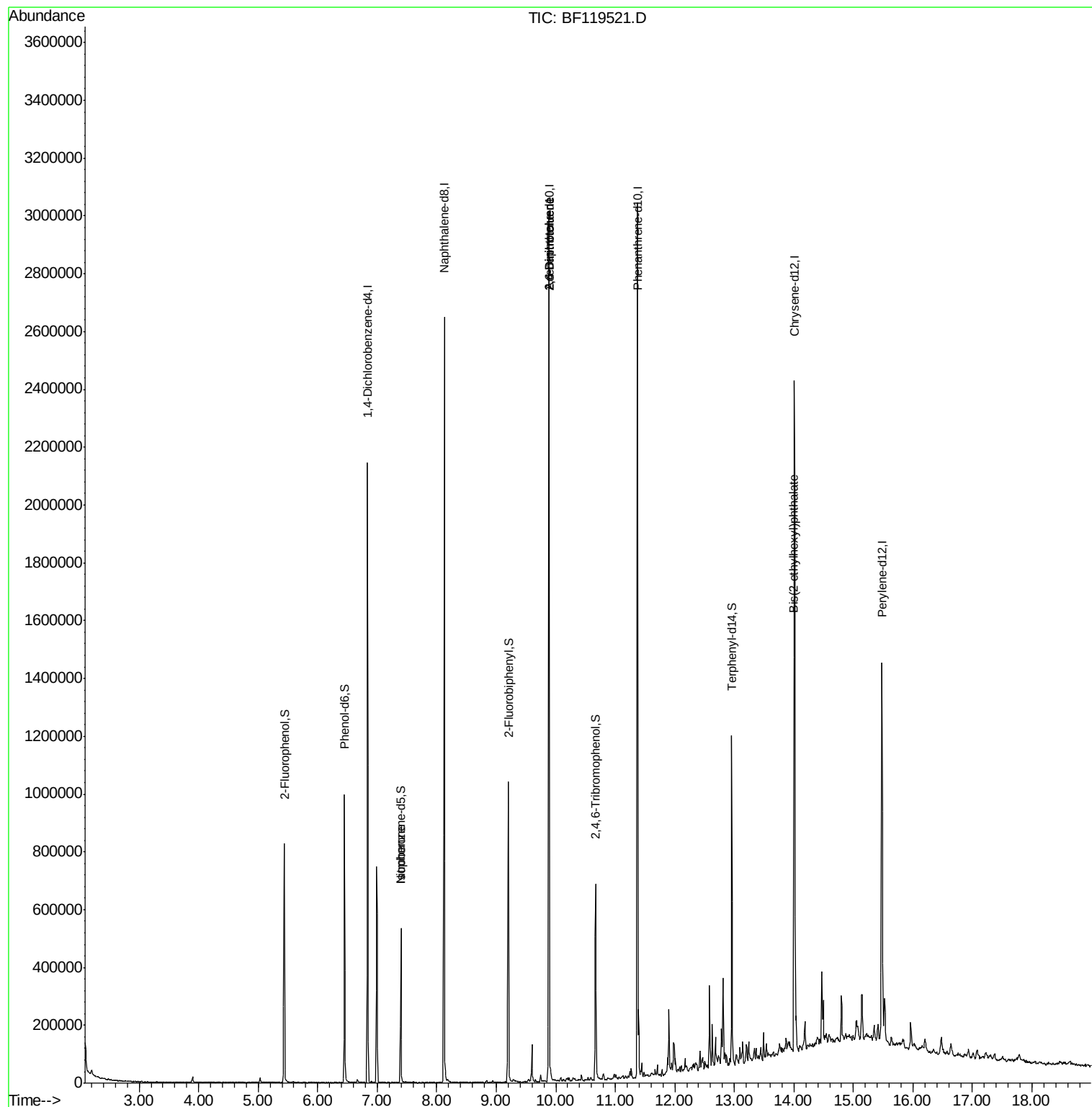
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	308628	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1208597	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	637458	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1189883	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	767749	20.00	ng	-0.02
87) Perylene-d12	15.48	264	618306	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	214915	11.09	ng	-0.02
7) Phenol-d6	6.45	99	288513	11.65	ng	-0.02
23) Nitrobenzene-d5	7.40	82	169826	7.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	78286	11.90	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	342190	7.95	ng	-0.02
79) Terphenyl-d14	12.96	244	361274	9.22	ng	-0.02
Target Compounds						
25) Isophorone	7.40	82	166936	3.701	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	83458	8.599	ng	# 19
57) 2,4-Dinitrotoluene	9.89	165	83893	6.862	ng	# 25
84) Bis(2-ethylhexyl)phthalate	14.00	149	79855	2.629	ng	100

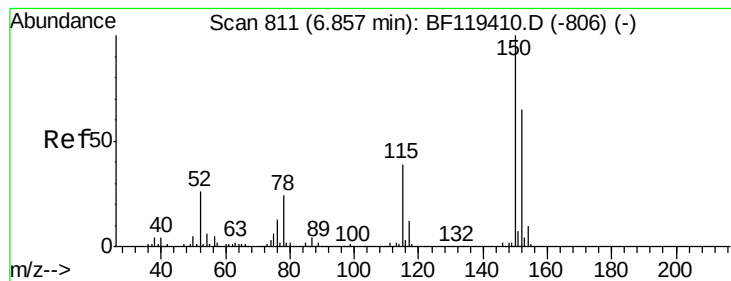
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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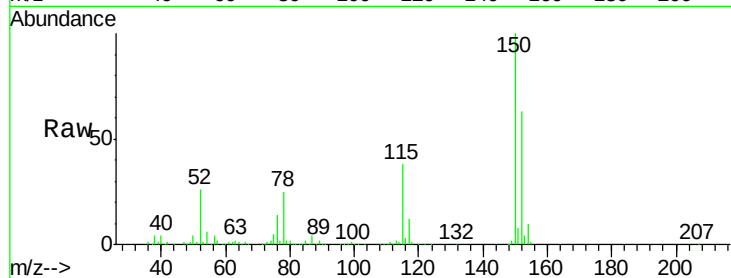


#1

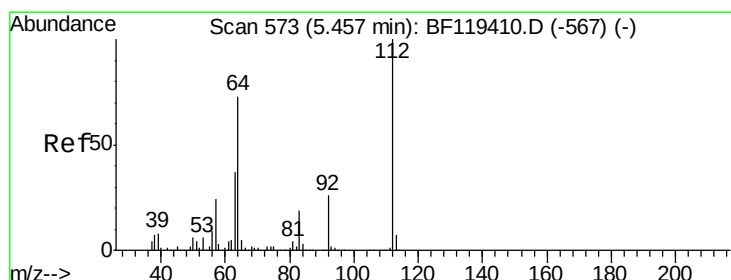
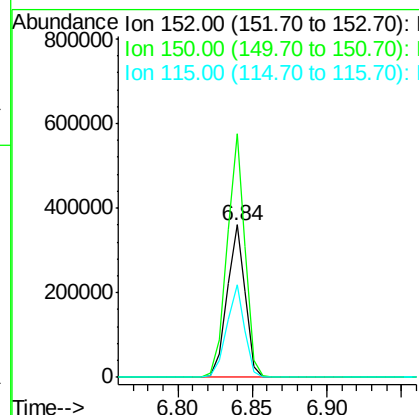
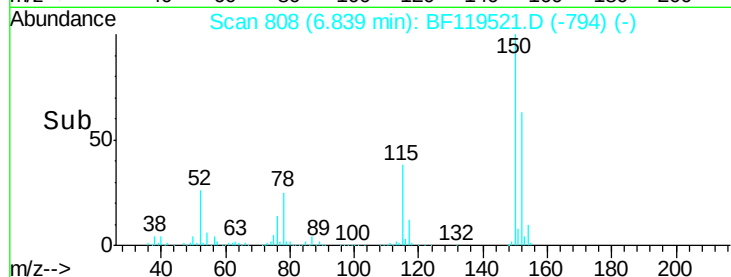
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119521.D
Acq: 26 Mar 2020 1:37

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-01-0-52

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.9	185.9
115	60.7	47.8	71.6



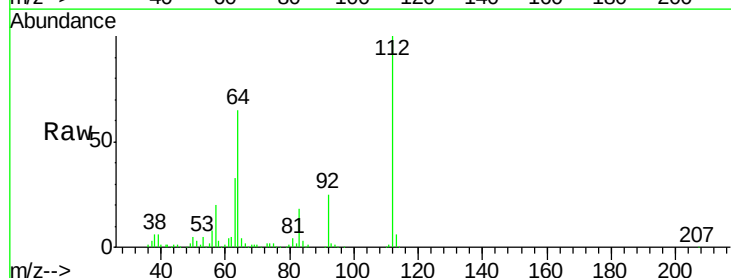
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



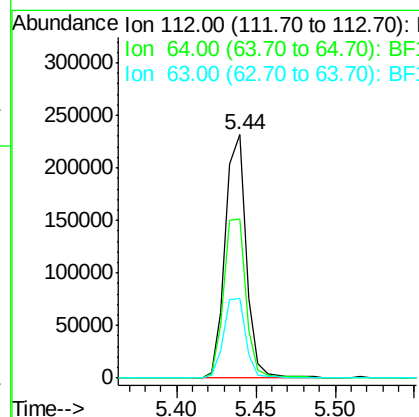
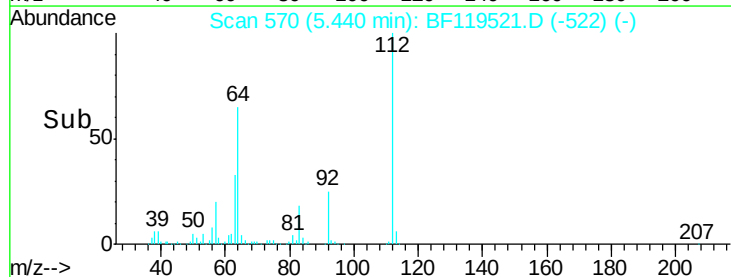
#5

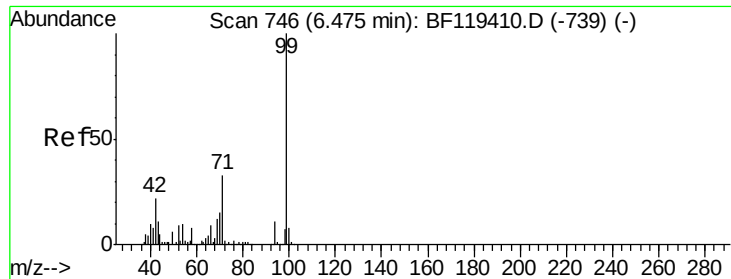
2-Fluorophenol
Concen: 11.085 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF119521.D
Acq: 26 Mar 2020 1:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	58.1	87.1
63	32.8	29.7	44.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 11.650 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF119521.D

Acq: 26 Mar 2020 1:37

Instrument :

BNA_F

ClientSampleId :

GHD1-SB-01-0-52

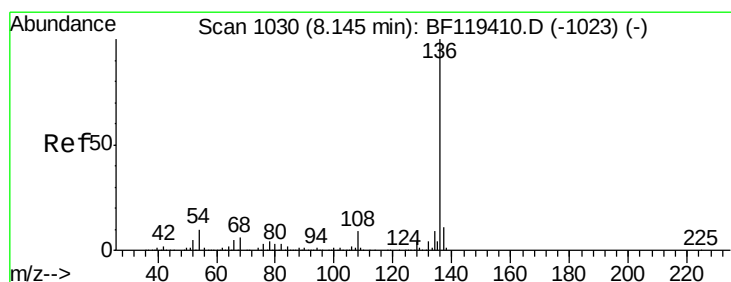
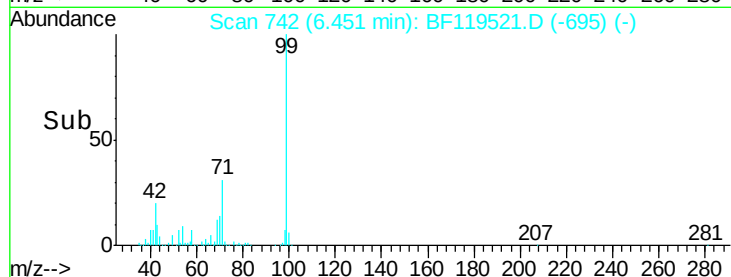
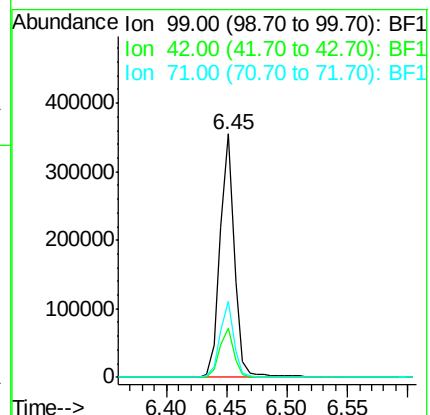
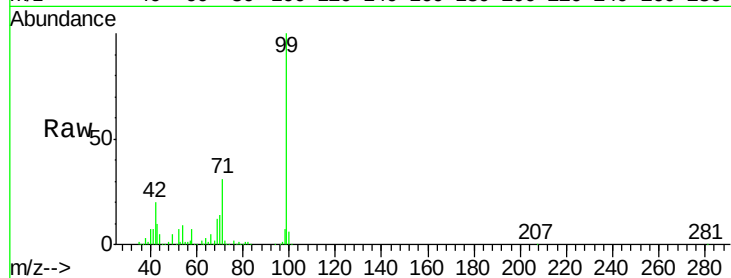
Tgt Ion: 99 Resp: 288513

Ion Ratio Lower Upper

99 100

42 20.1 17.8 26.6

71 31.3 26.0 39.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119521.D

Acq: 26 Mar 2020 1:37

Tgt Ion: 136 Resp: 1208597

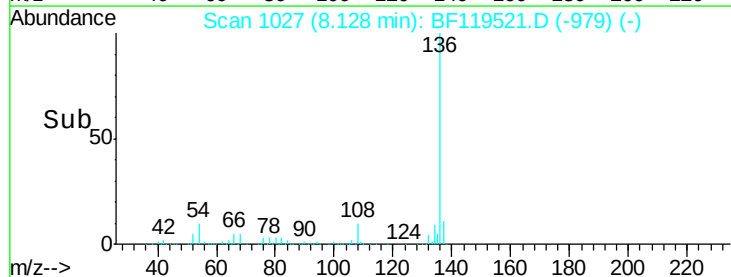
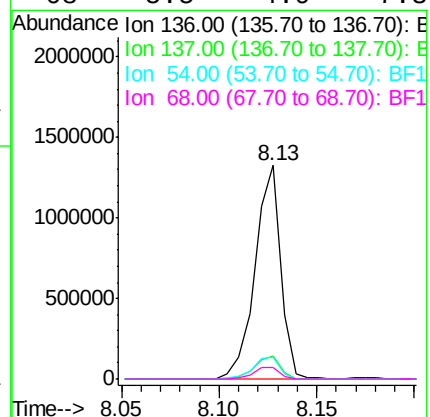
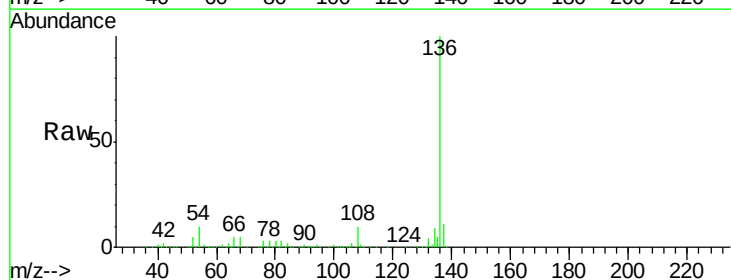
Ion Ratio Lower Upper

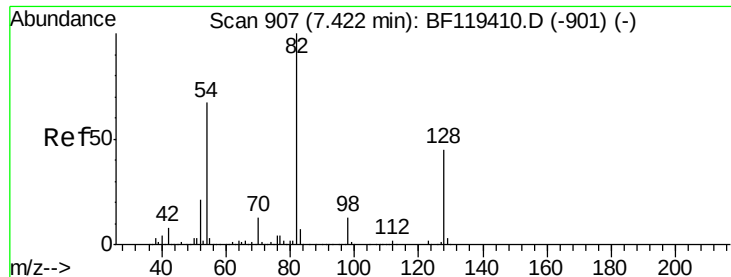
136 100

137 10.9 8.4 12.6

54 10.1 8.3 12.5

68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 7.637 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF119521.D

Acq: 26 Mar 2020 1:37

Instrument :

BNA_F

ClientSampleId :

GHD1-SB-01-0-52

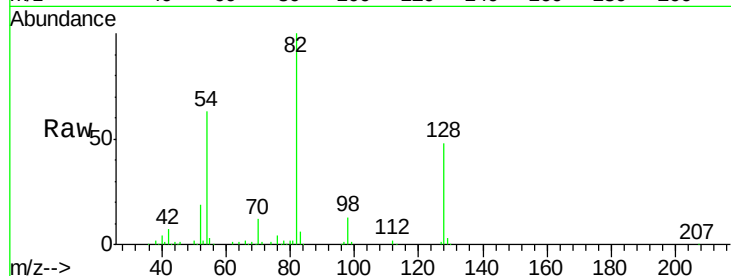
Tgt Ion: 82 Resp: 169826

Ion Ratio Lower Upper

82 100

128 48.1 35.8 53.8

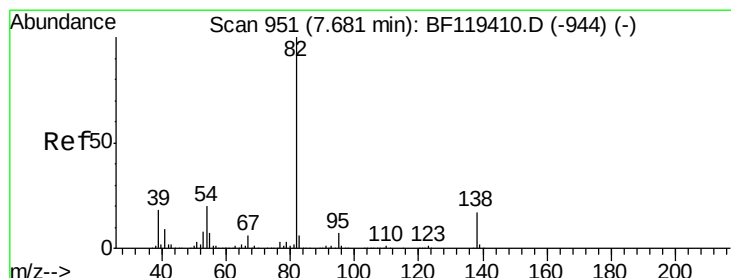
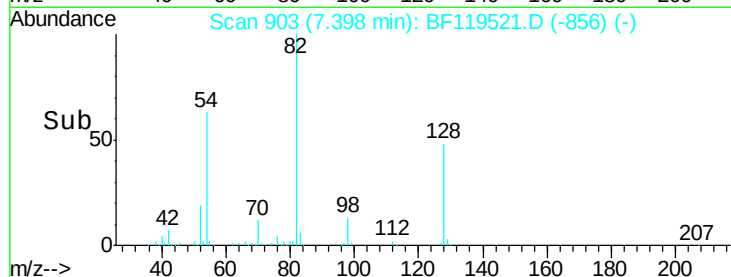
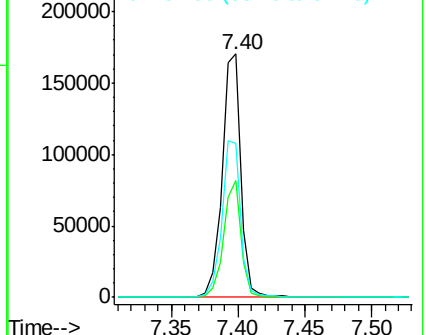
54 63.5 53.4 80.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 3.701 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF119521.D

Acq: 26 Mar 2020 1:37

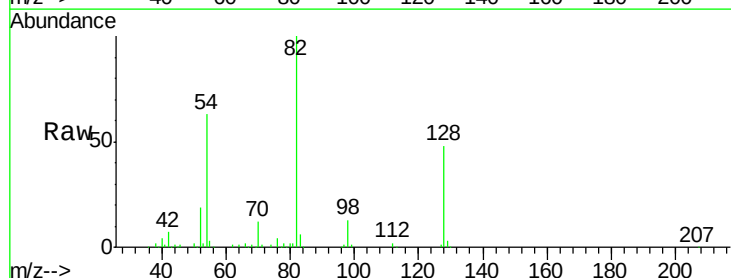
Tgt Ion: 82 Resp: 166936

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

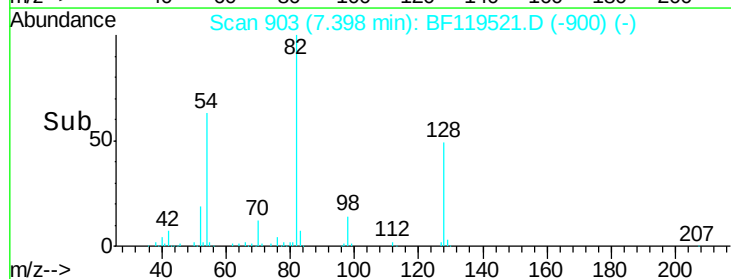
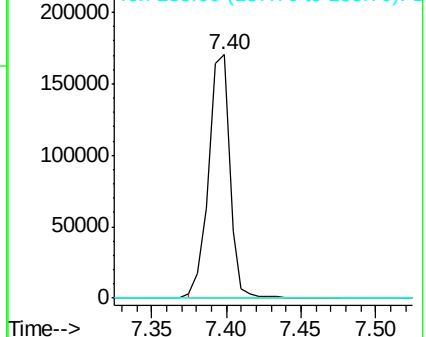
138 0.0 13.8 20.8#

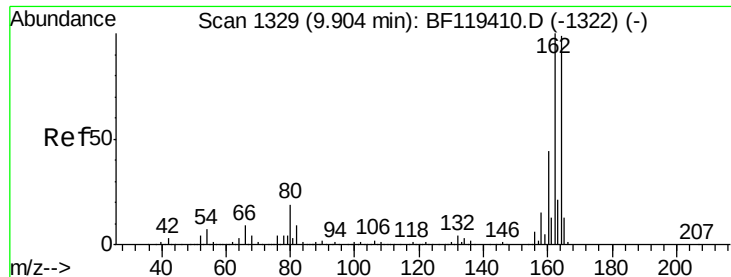


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

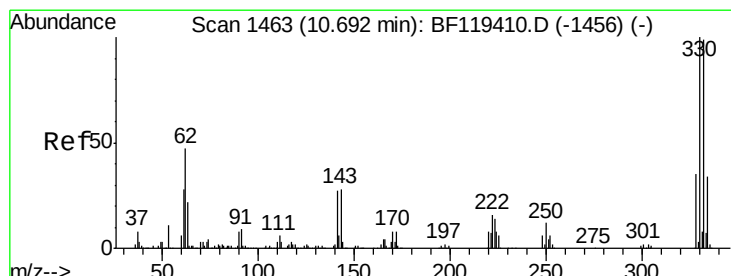
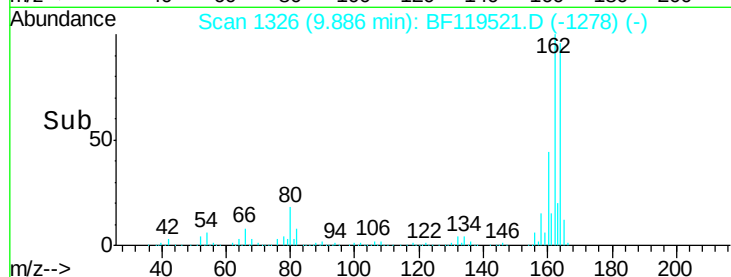
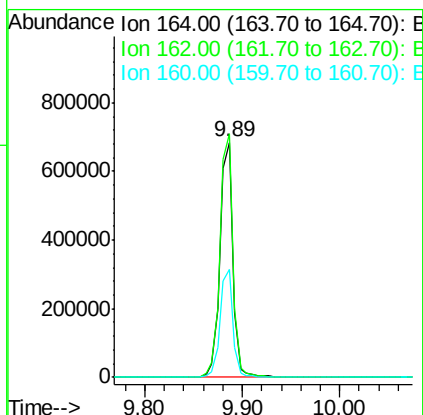
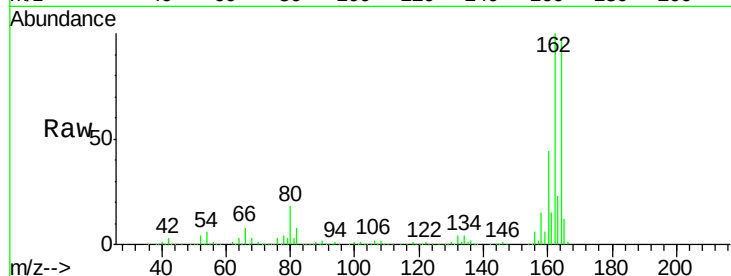




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: BF119521.D
 Acq: 26 Mar 2020 1:37

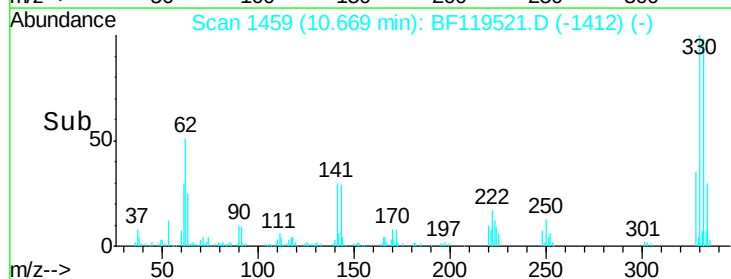
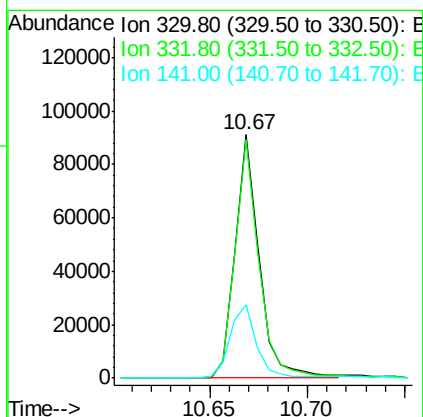
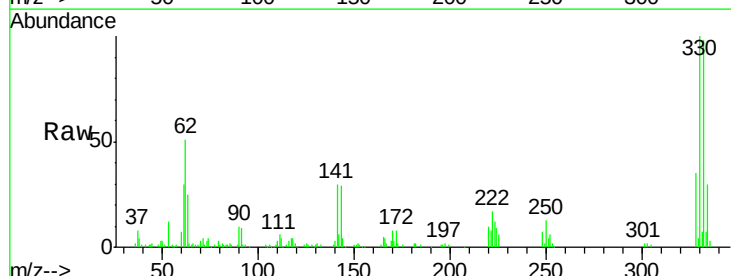
Instrument :
 BNA_F
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 GHD1-SB-01-0-52

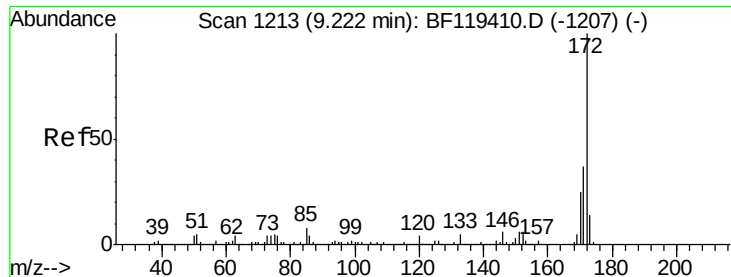
Tgt Ion:164 Resp: 637458
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.7 121.1
 160 45.7 35.5 53.3



#42
 2,4,6-Tribromophenol
 Concen: 11.904 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF119521.D
 Acq: 26 Mar 2020 1:37

Tgt Ion:330 Resp: 78286
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.6 116.4
 141 34.5 26.6 40.0

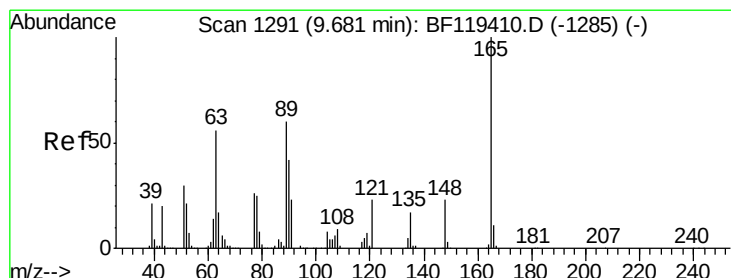
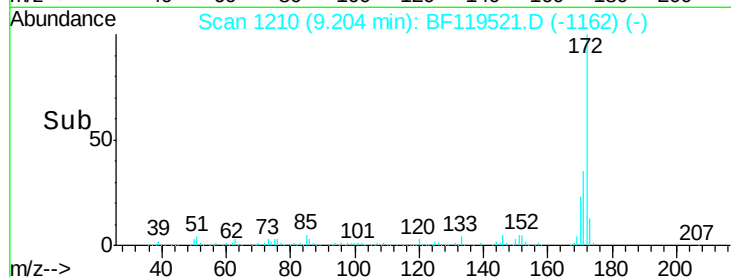
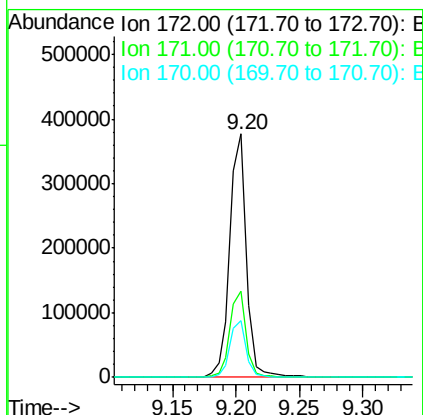
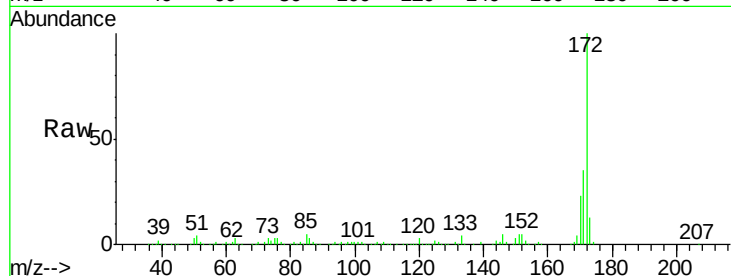




#45
 2-Fluorobiphenyl
 Concen: 7.953 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF119521.D
 Acq: 26 Mar 2020 1:37

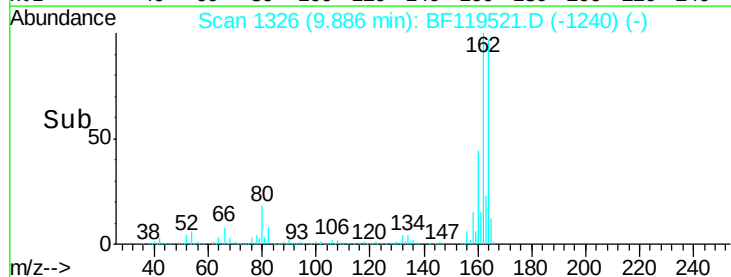
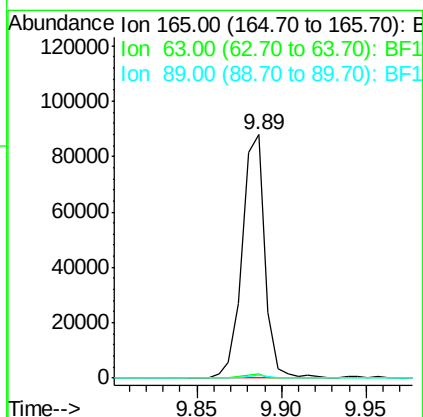
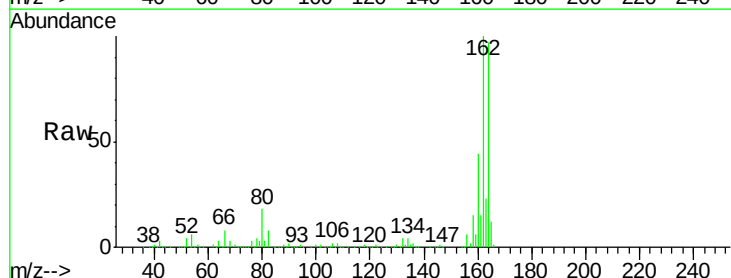
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 GHD1-SB-01-0-52

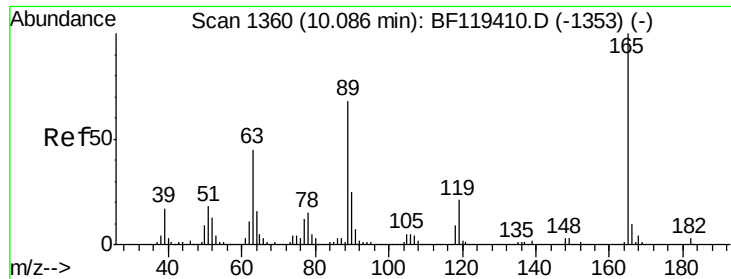
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	23.3	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 8.599 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF119521.D
 Acq: 26 Mar 2020 1:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	57.3	85.9#
89	1.3	47.8	71.8#

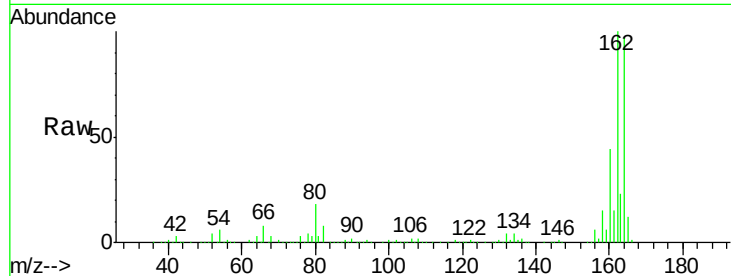




#57
2,4-Dinitrotoluene
Concen: 6.862 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF119521.D
Acq: 26 Mar 2020 1:37

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-01-0-52

Tgt Ion:	165	Resp:	83893
Ion Ratio	Lower	Upper	
165	100		
63	1.7	36.2	54.4#
89	1.3	54.3	81.5#
182	0.0	2.0	3.0#

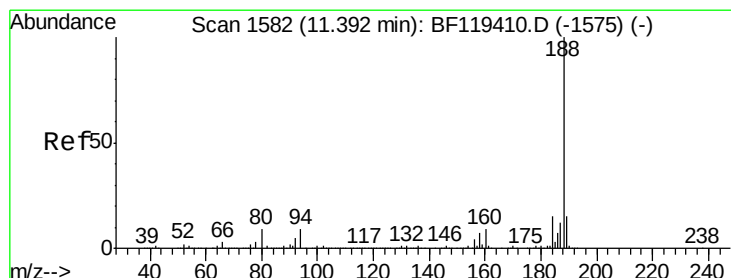
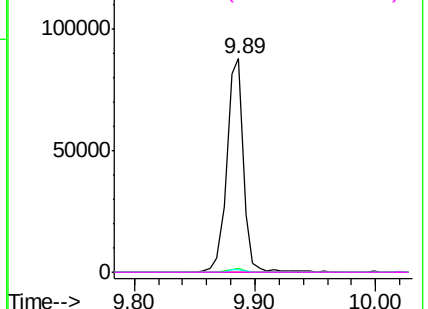
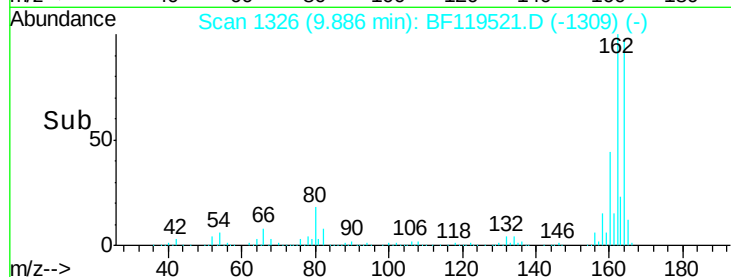


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

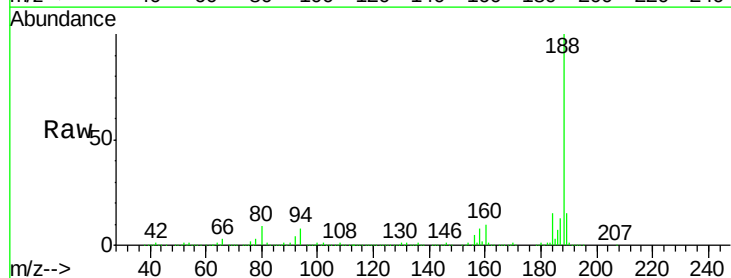
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119521.D
Acq: 26 Mar 2020 1:37

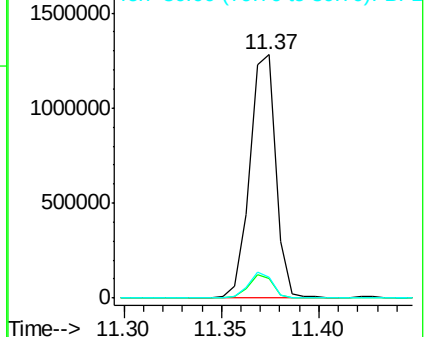
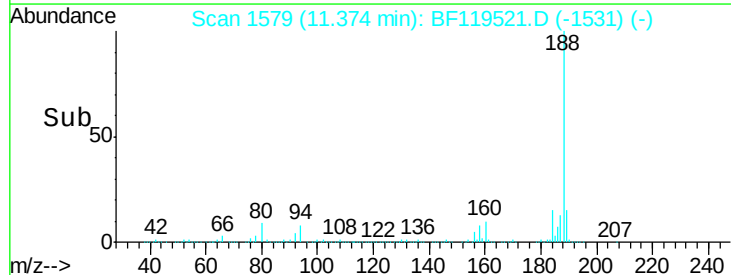
Tgt Ion:	188	Resp:	1189883
Ion Ratio	Lower	Upper	
188	100		
94	8.2	7.1	10.7
80	8.5	7.5	11.3

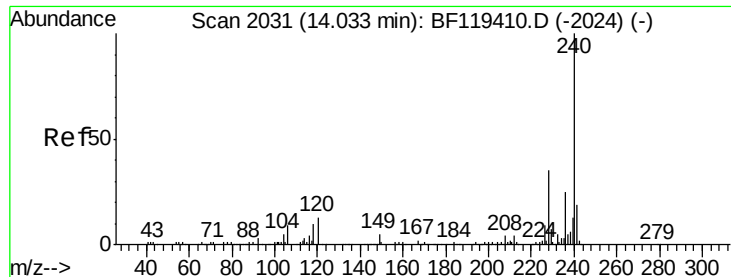


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

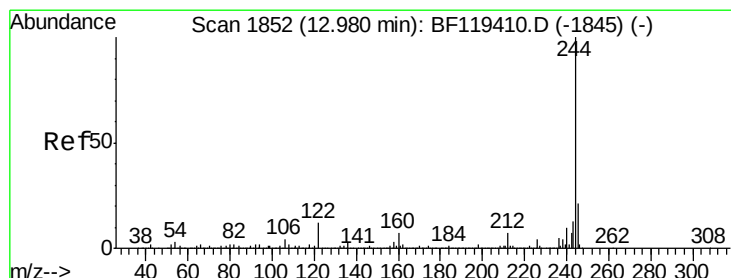
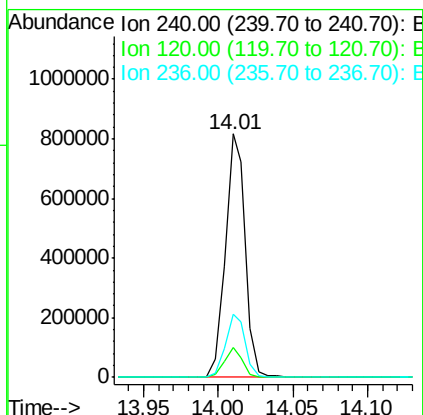
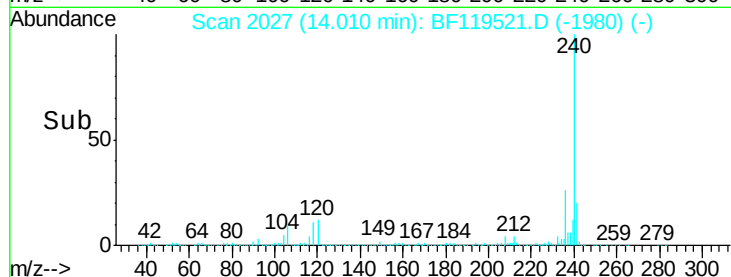
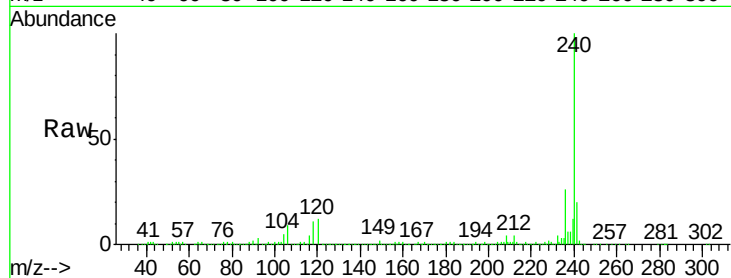




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF119521.D
Acq: 26 Mar 2020 1:37

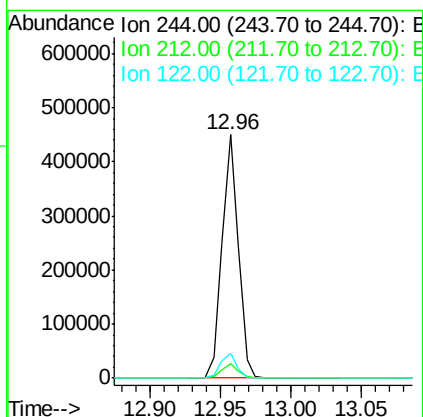
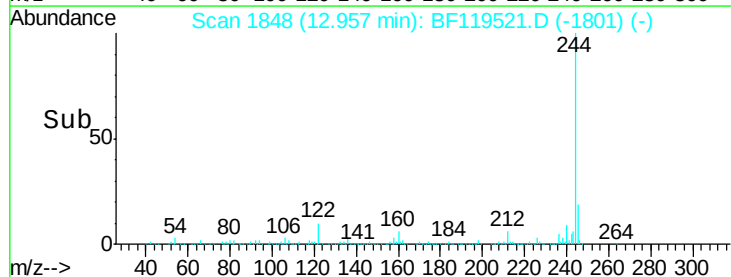
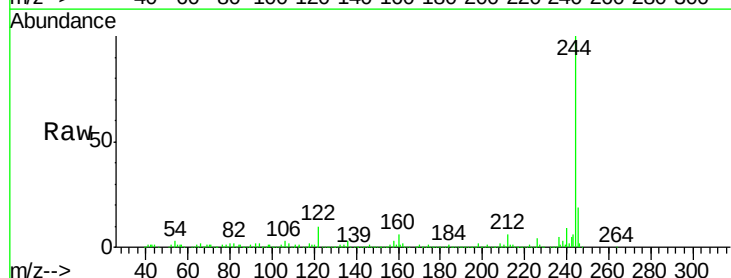
Instrument :
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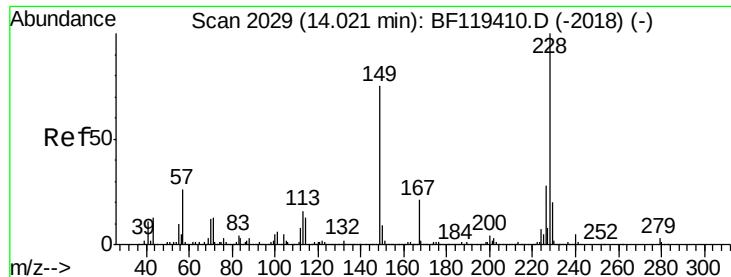
Tgt Ion:240 Resp: 767749
Ion Ratio Lower Upper
240 100
120 12.1 10.2 15.4
236 26.2 20.4 30.6



#79
Terphenyl-d14
Concen: 9.219 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.02 min
Lab File: BF119521.D
Acq: 26 Mar 2020 1:37

Tgt Ion:244 Resp: 361274
Ion Ratio Lower Upper
244 100
212 6.1 5.7 8.5
122 10.3 9.8 14.8

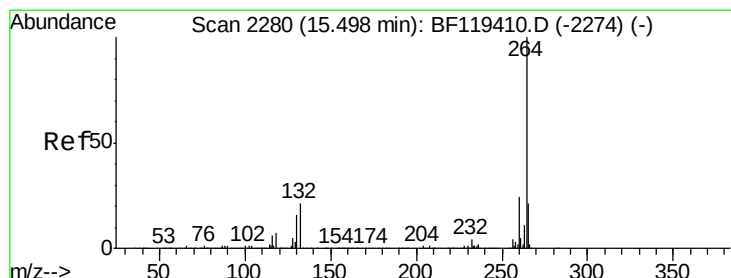
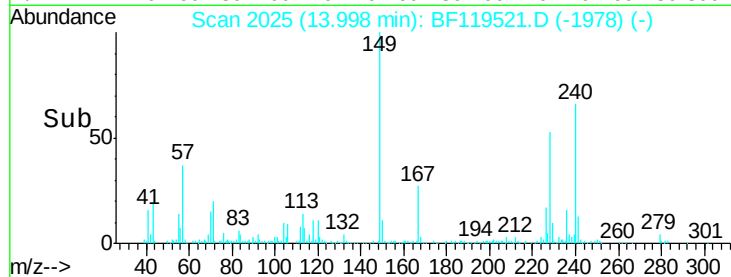
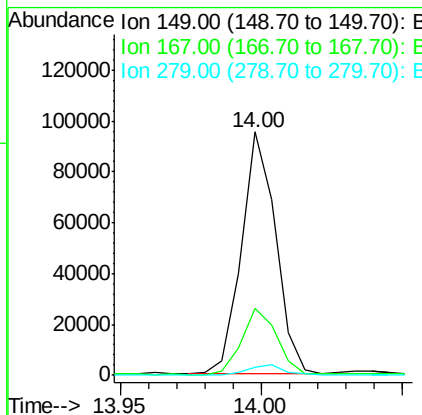
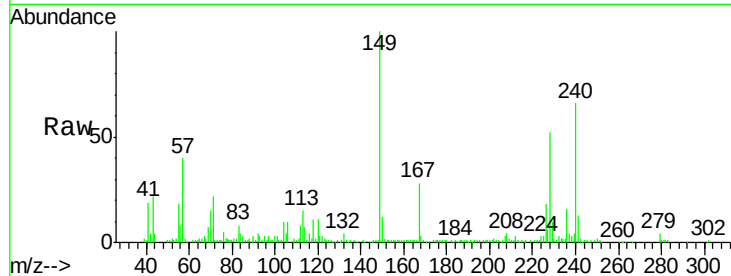




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.629 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF119521.D
 Acq: 26 Mar 2020 1:37

Instrument :
 BNA_F
 ClientSampleId :
 GHD1-SB-01-0-52

Tgt Ion:149 Resp: 79855
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.0 33.0
 279 3.5 3.2 4.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BF119521.D
 Acq: 26 Mar 2020 1:37

Tgt Ion:264 Resp: 618306
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 22.0 16.9 25.3

