

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119612.D
 Acq On : 28 Mar 2020 13:09
 Operator : CG/JU
 Sample : L2013-09 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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

Manual Integrations
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 3/31/2020 8:14:21 AM

Quant Time: Mar 30 03:21:13 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	283869	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1114483	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	498825	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	921874	20.00	ng	0.00
76) Chrysene-d12	14.00	240	286260	20.00	ng	-0.01
87) Perylene-d12	15.47	264	401041	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	183613	10.30	ng	0.00
7) Phenol-d6	6.45	99	222170	9.75	ng	-0.02
23) Nitrobenzene-d5	7.39	82	144400	7.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	54708	10.63	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	218671	6.49	ng	-0.01
79) Terphenyl-d14	12.94	244	214083	14.65	ng	-0.02
Target Compounds						
71) Phenanthrene	11.39	178	161556	3.380	ng	95
75) Fluoranthene	12.57	202	367493	7.104	ng	96
78) Pyrene	12.80	202	301109	12.817	ng	96
81) Benzo(a)anthracene	13.99	228	72163	3.877	ng	96
83) Chrysene	14.03	228	71427	3.718	ng	97
84) Bis(2-ethylhexyl)phthalate	14.01	149	6726256	593.822	ng	# 92
85) Di-n-octyl phthalate	14.60	149	274553	13.782	ng	# 98
86) Indeno(1,2,3-cd)pyrene	16.92	276	37152	2.053	ng	94
88) Benzo(b)fluoranthene	15.04	252	91443m	3.413	ng	
90) Benzo(a)pyrene	15.40	252	63640	2.614	ng	99

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

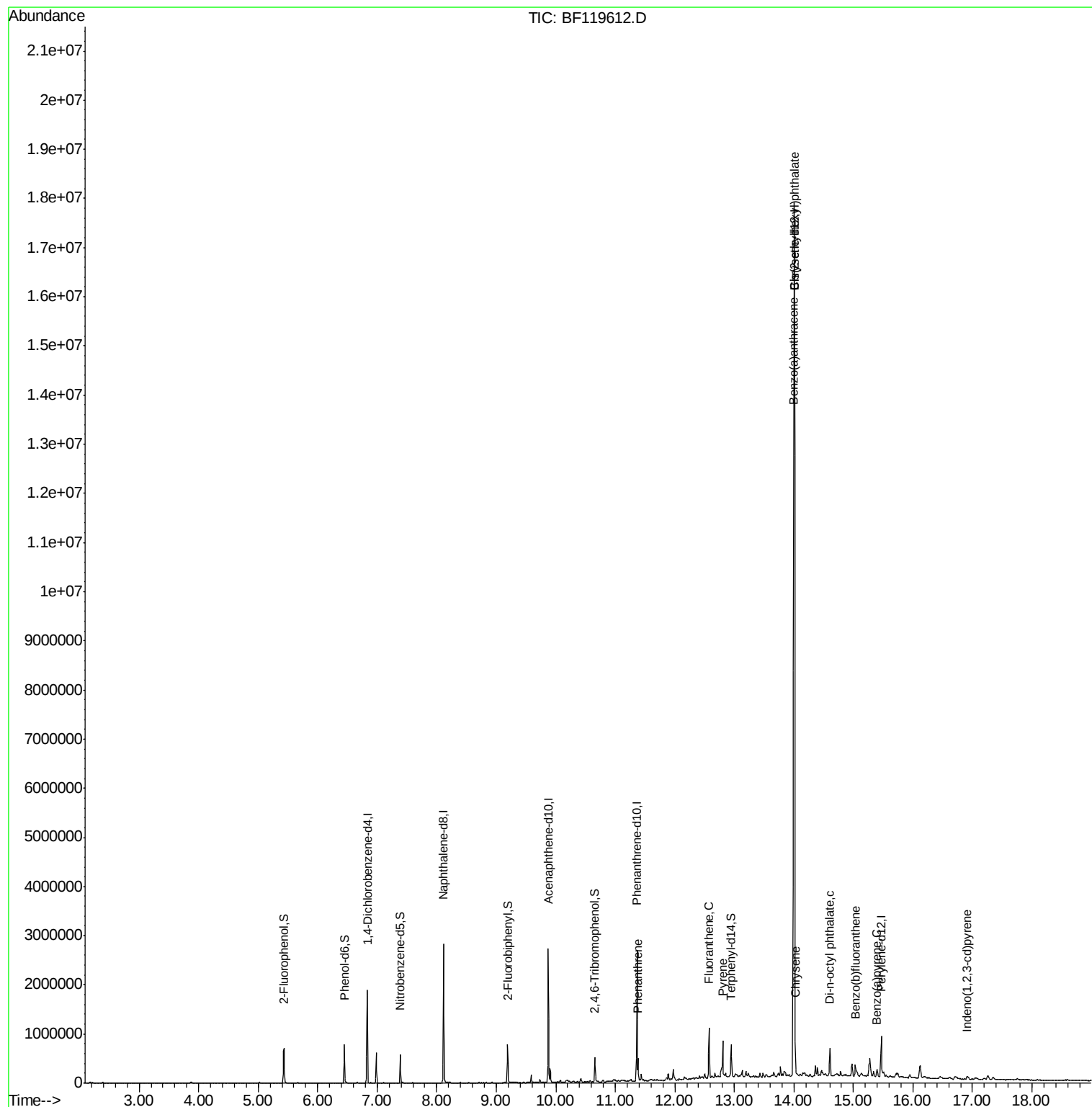
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
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ALS Vial : 42 Sample Multiplier: 1

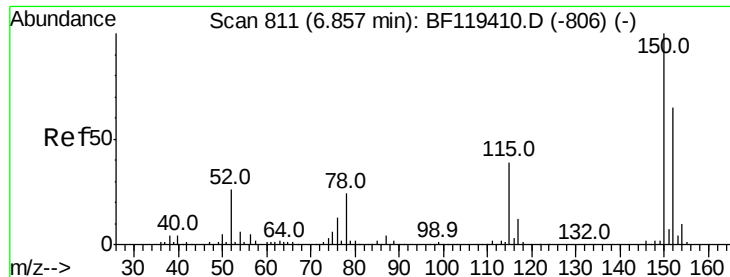
Instrument :
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GHD1-SB-0203-0-11

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#1

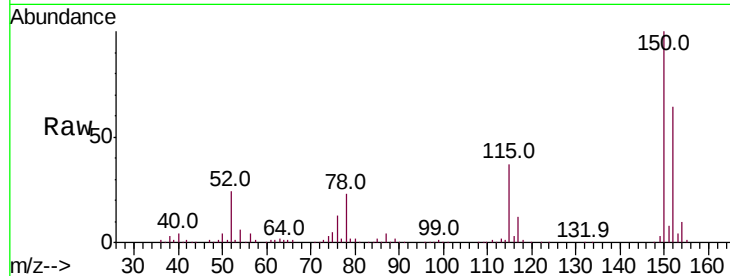
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119612.D
Acq: 28 Mar 2020 13:09

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.5	186.7
115	57.1	49.6	74.4

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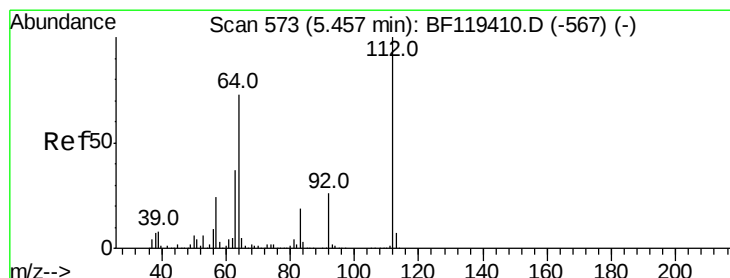
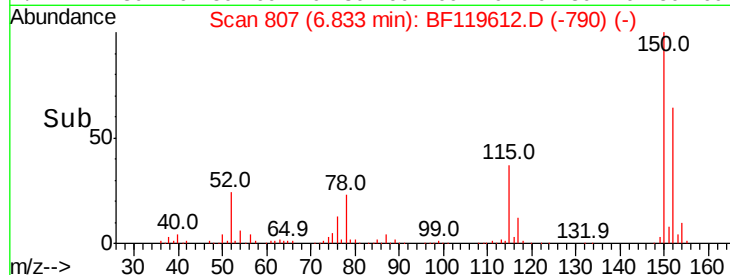
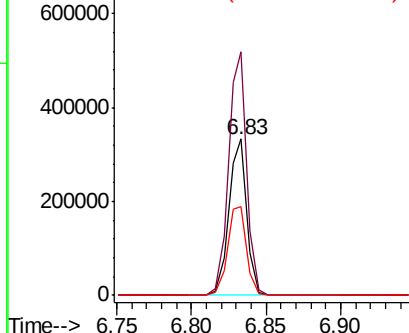


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

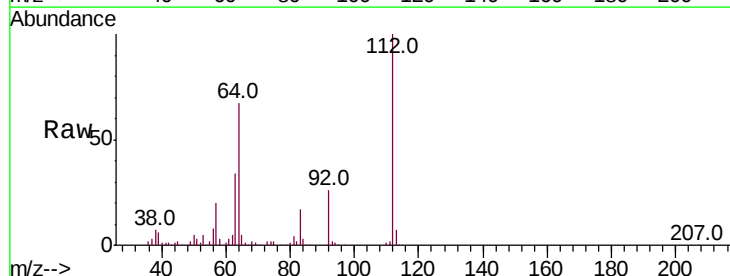
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 10.297 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF119612.D
Acq: 28 Mar 2020 13:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	56.7	85.1
63	33.6	29.5	44.3

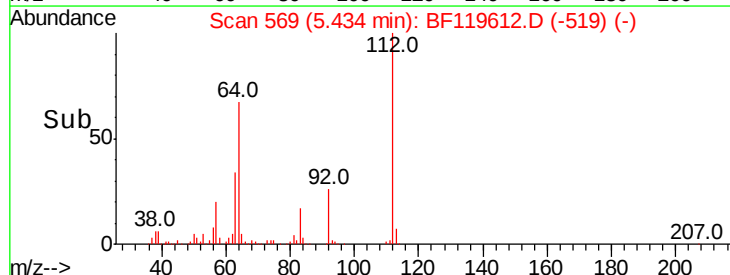
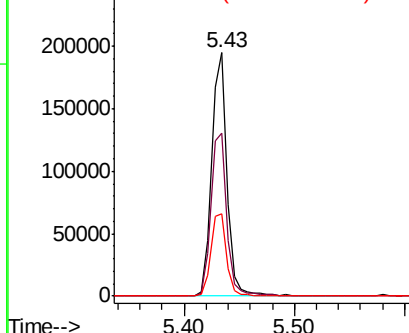


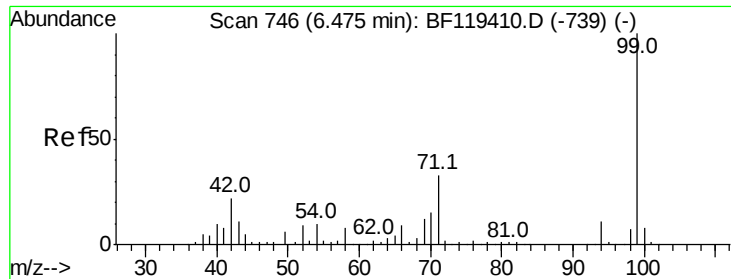
Abundance

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: 9.753 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF119612.D

Acq: 28 Mar 2020 13:09

Instrument :

BNA_F

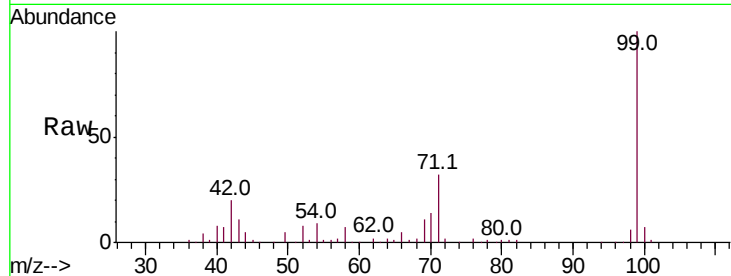
ClientSampleId :

GHD1-SB-0203-0-11

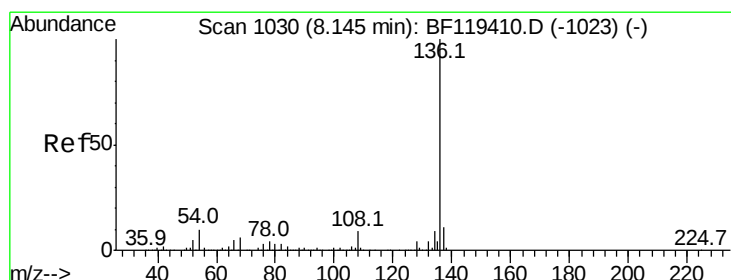
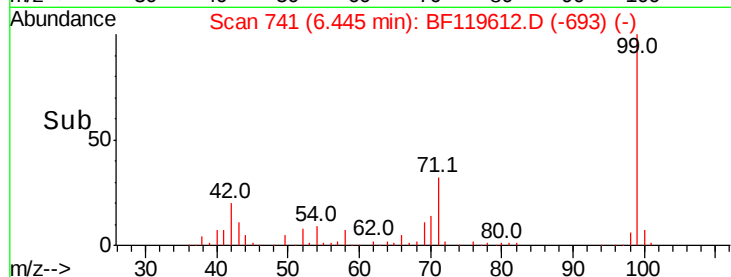
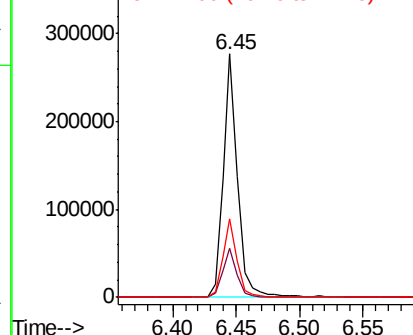
Tot Ion:	99	Resp:	222170
Ion Ratio	Lower	Upper	
99	100		
42	20.4	16.6	24.8
71	32.1	26.4	39.6

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

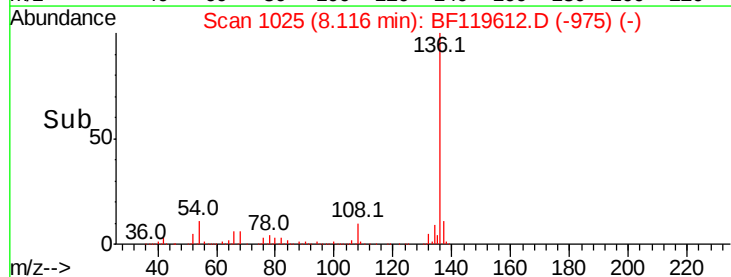
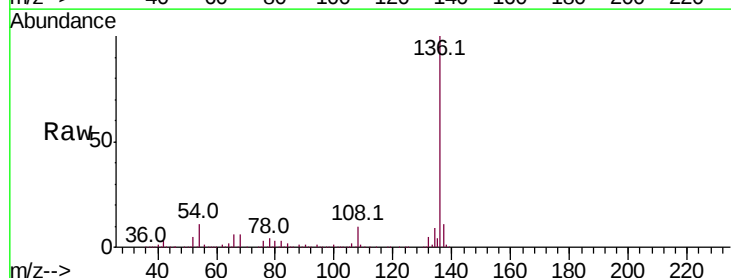
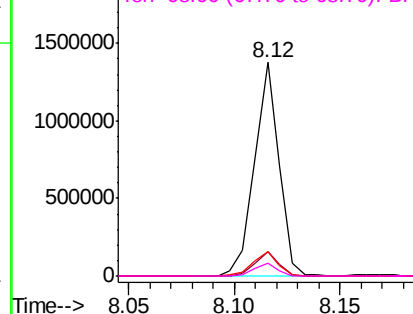
Delta R.T. -0.01 min

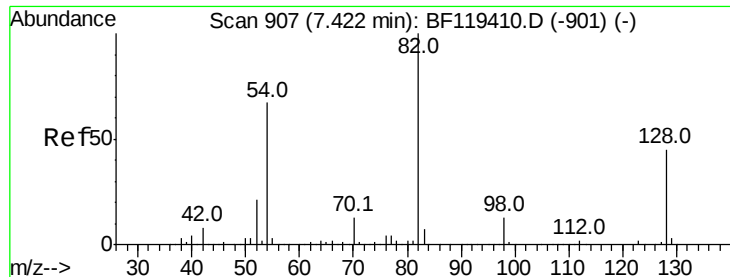
Lab File: BF119612.D

Acq: 28 Mar 2020 13:09

Tgt Ion:	136	Resp:	1114483
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	11.2	9.1	13.7
68	6.0	4.6	6.8

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





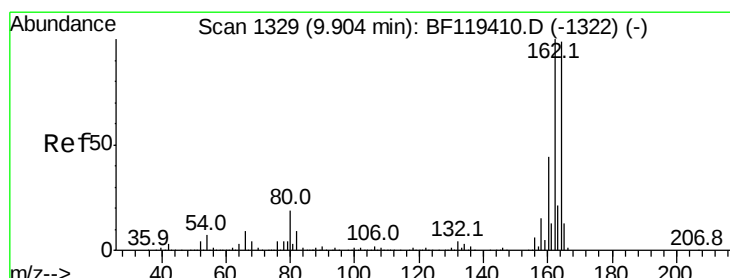
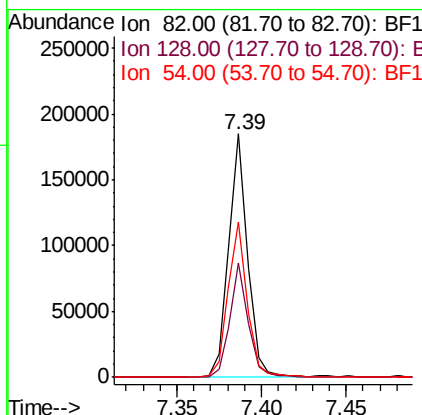
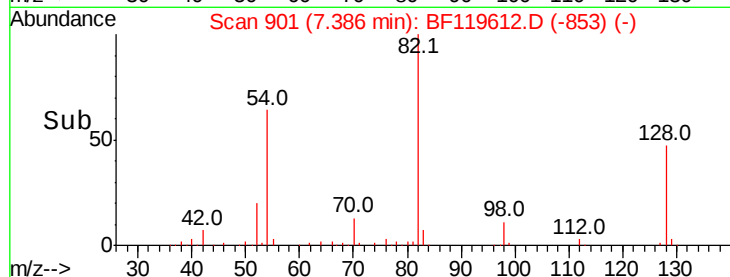
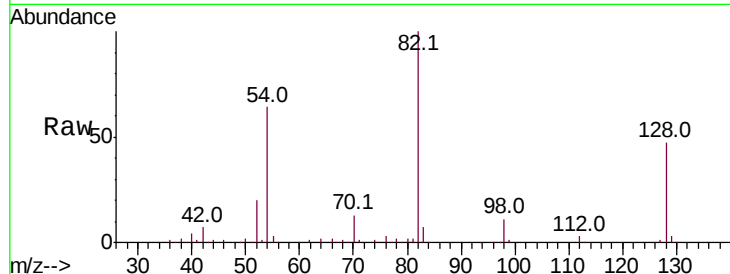
#23
Nitrobenzene-d5
Concen: 7.042 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF119612.D
Acq: 28 Mar 2020 13:09

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	63.7	50.6	75.8

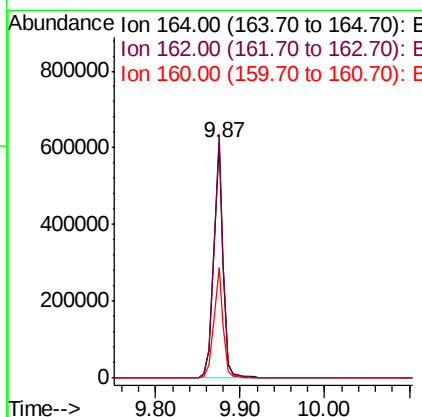
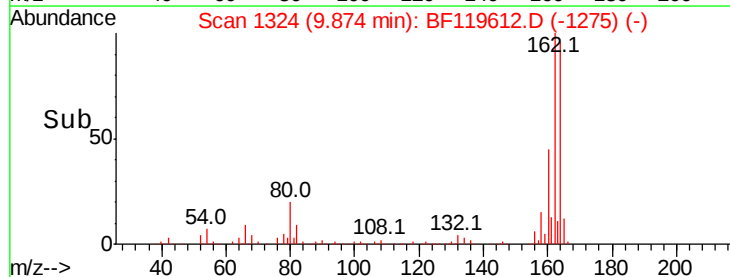
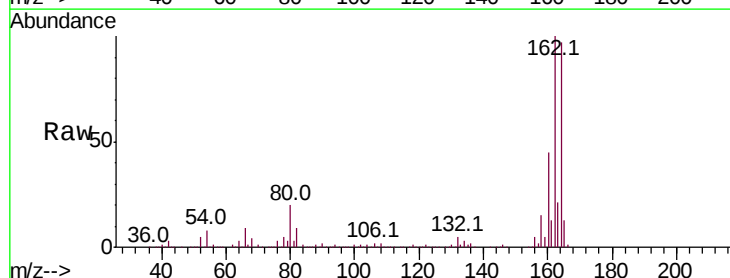
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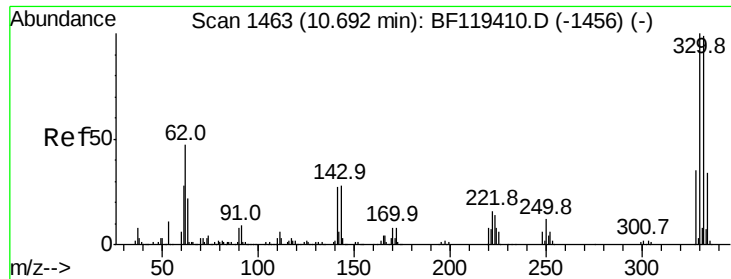
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119612.D
Acq: 28 Mar 2020 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	121.0
160	46.8	35.7	53.5





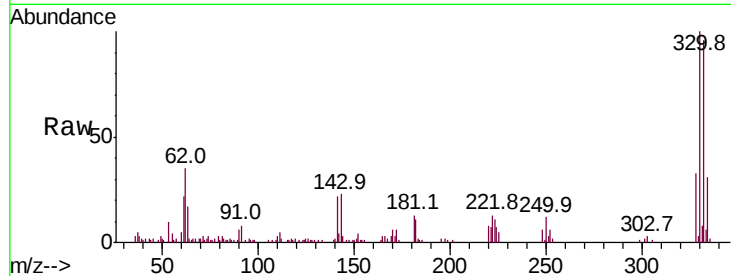
#42
 2,4,6-Tribromophenol
 Concen: 10.631 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119612.D
 Acq: 28 Mar 2020 13:09

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

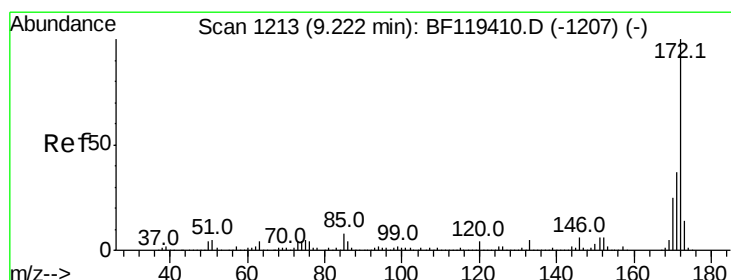
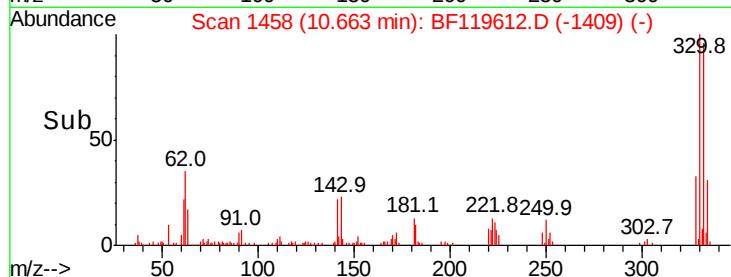
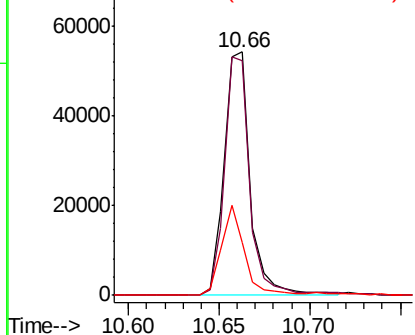
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.7	113.5
141	32.3	25.4	38.0

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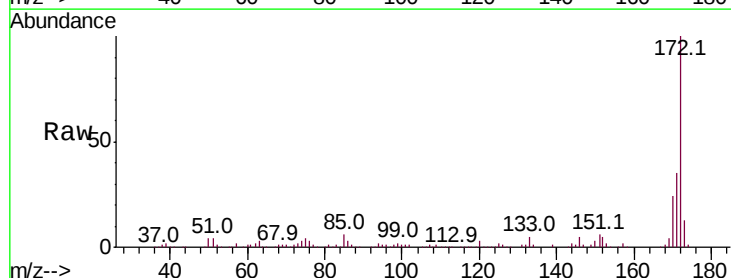


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

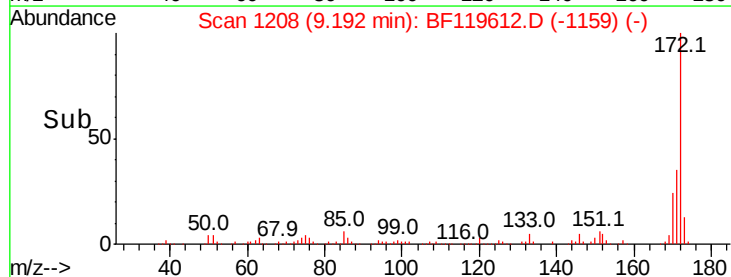
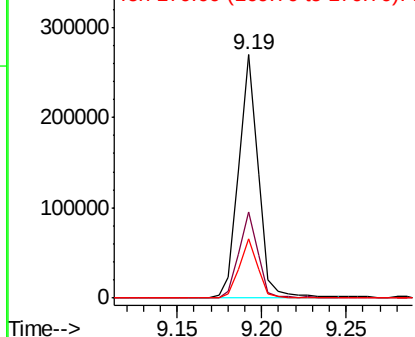


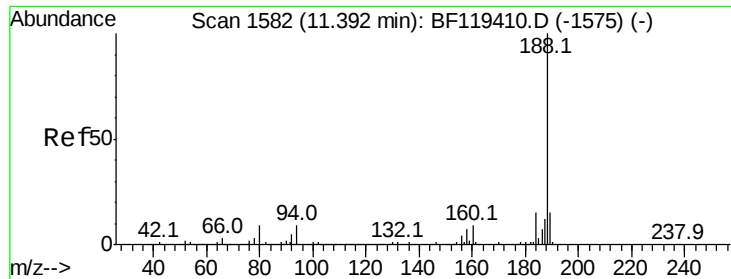
#45
 2-Fluorobiphenyl
 Concen: 6.494 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF119612.D
 Acq: 28 Mar 2020 13:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	24.3	20.2	30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





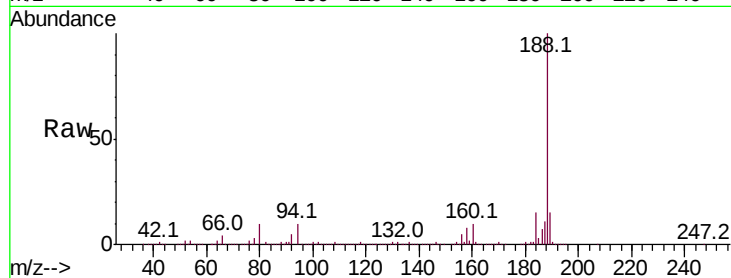
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119612.D
Acq: 28 Mar 2020 13:09

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

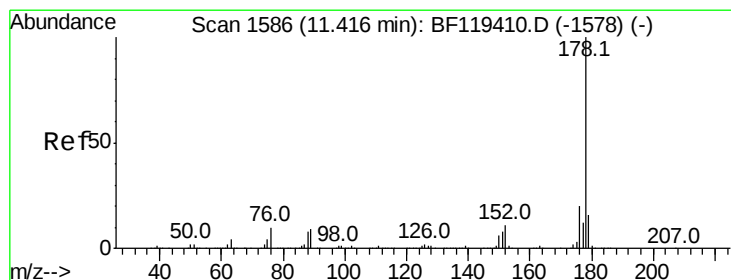
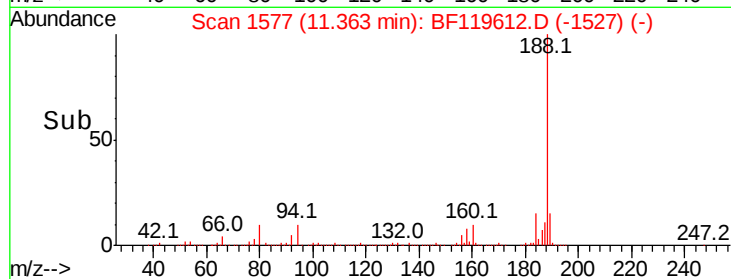
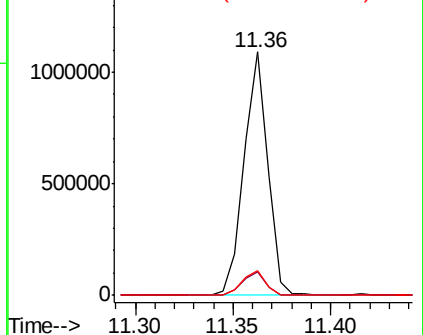
Tot Ion	Ratio	Resp	Lower	Upper
188	100	921874		
94	9.6		7.5	11.3
80	10.4		9.0	13.4

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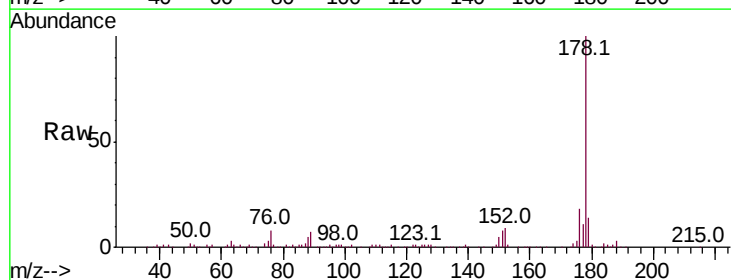


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

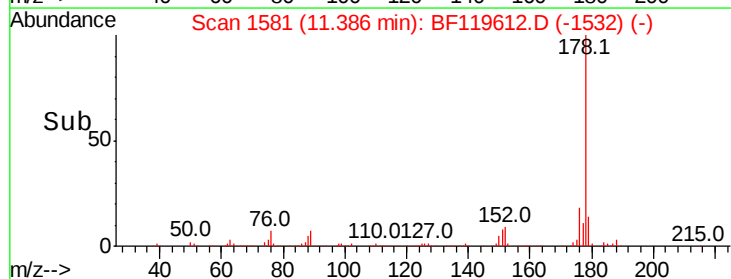
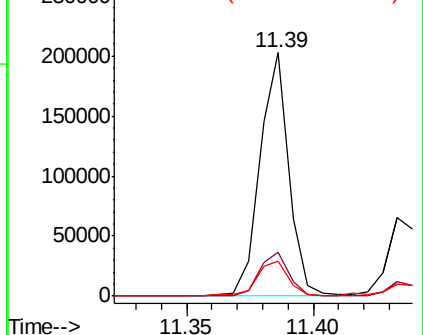


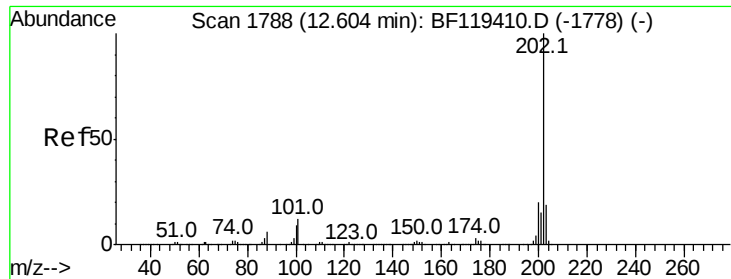
#71
Phenanthrene
Concen: 3.380 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119612.D
Acq: 28 Mar 2020 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	161556		
176	17.9		16.2	24.4
179	14.2		13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 7.104 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF119612.D

Acq: 28 Mar 2020 13:09

Instrument :

BNA_F

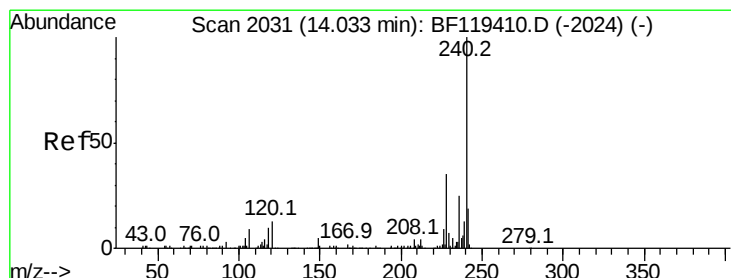
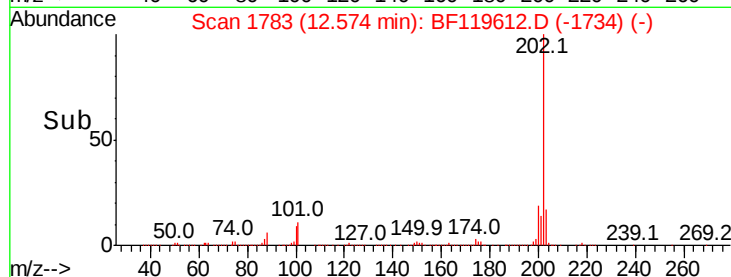
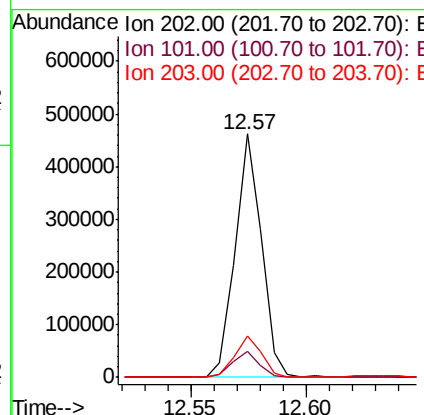
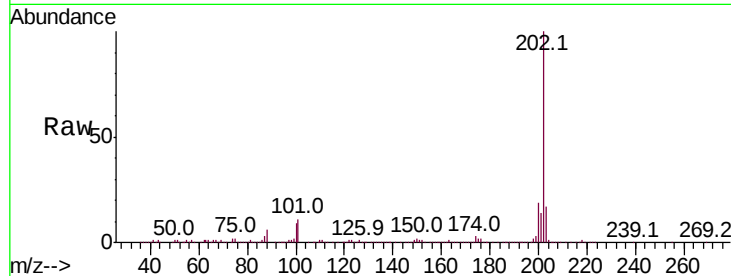
ClientSampleId :

GHD1-SB-0203-0-11

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.6	0.0	32.2	
203	17.2	0.0	38.8	

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#76

Chrysene-d12

Concen: 20.000 ng

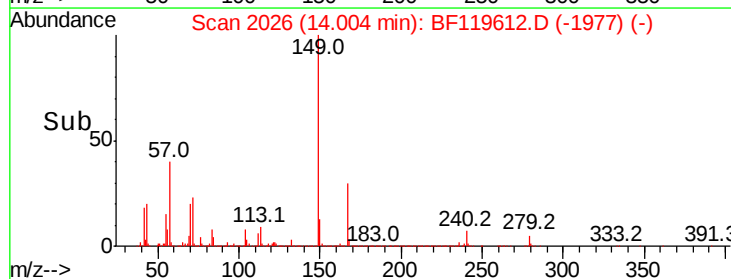
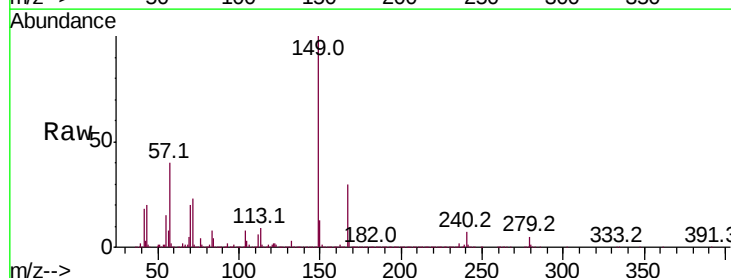
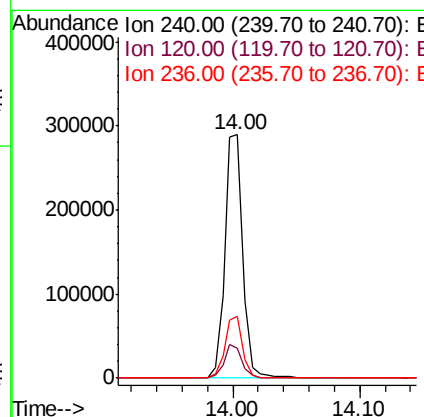
RT: 14.00 min Scan# 2026

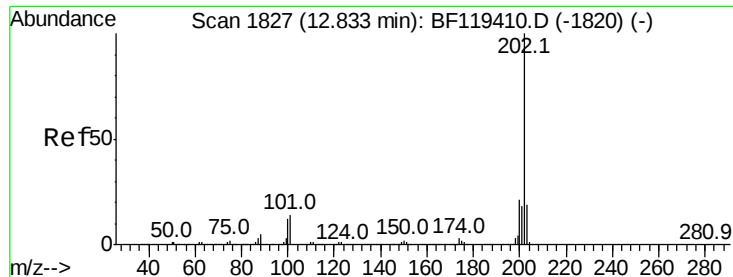
Delta R.T. -0.01 min

Lab File: BF119612.D

Acq: 28 Mar 2020 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.2	10.6	15.8	
236	25.2	20.2	30.2	





#78

Pvrene

Concen: 12.817 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF119612.D

Acq: 28 Mar 2020 13:09

Instrument :

BNA_F

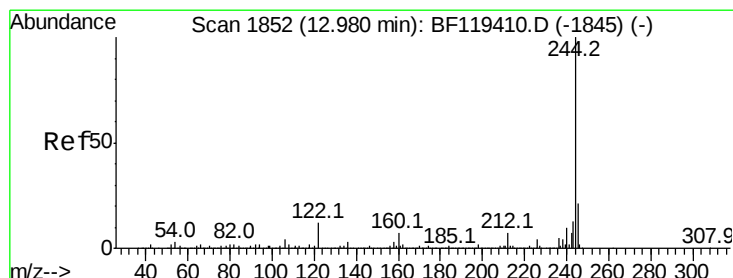
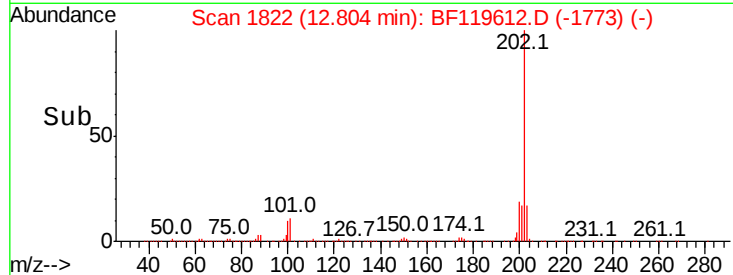
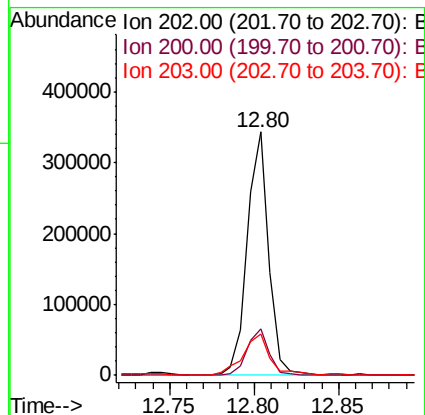
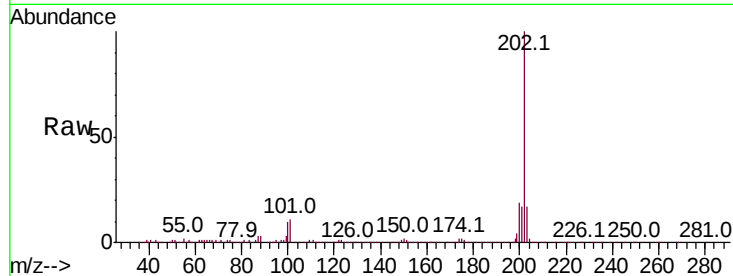
ClientSampleId :

GHD1-SB-0203-0-11

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.0	16.8	25.2
203	17.1	15.1	22.7

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#79

Terphenyl-d14

Concen: 14.652 ng

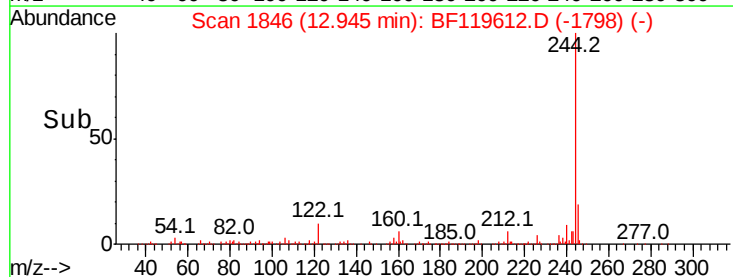
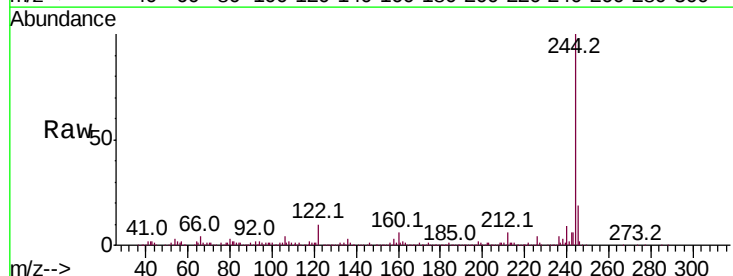
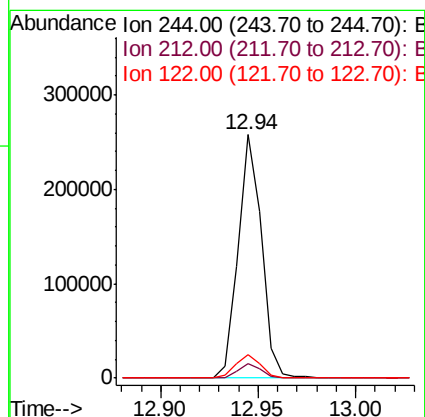
RT: 12.94 min Scan# 1846

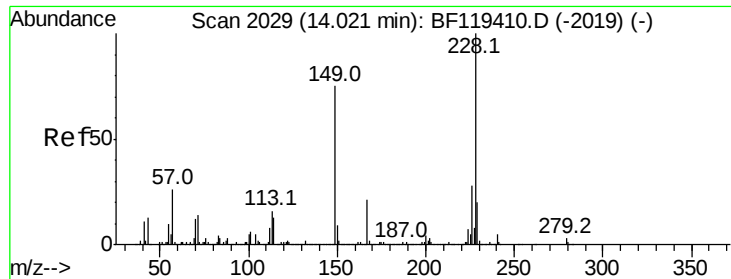
Delta R.T. -0.02 min

Lab File: BF119612.D

Acq: 28 Mar 2020 13:09

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.0	5.8	8.8
122	9.9	10.3	15.5#





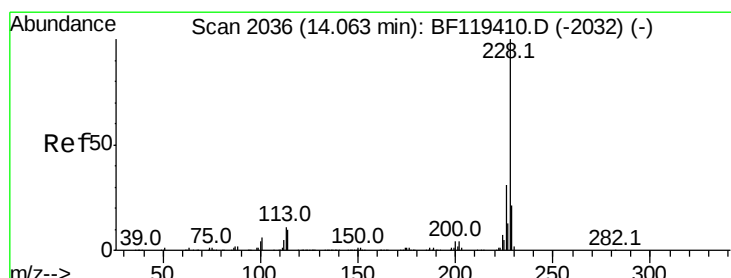
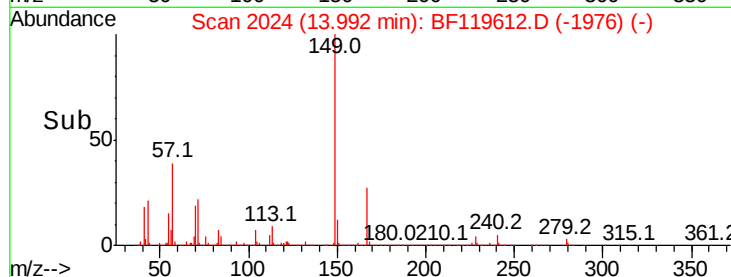
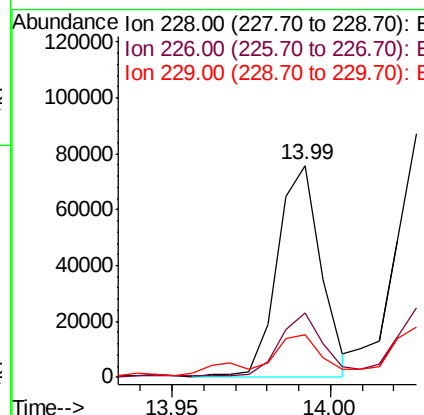
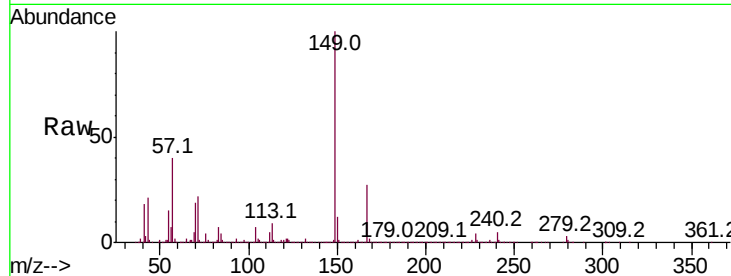
#81
Benzo(a)anthracene
Concen: 3.877 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF119612.D
Acq: 28 Mar 2020 13:09

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.8	32.8
229	20.2	16.2	24.4

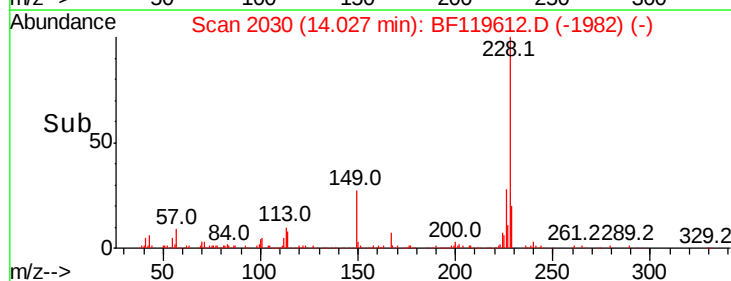
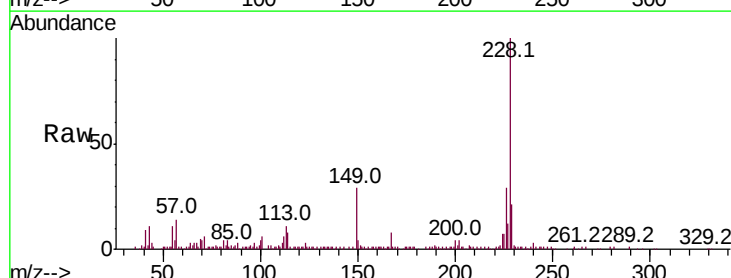
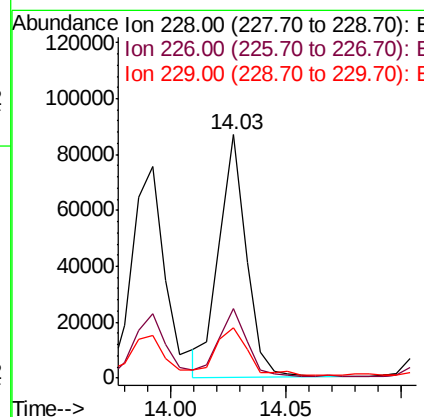
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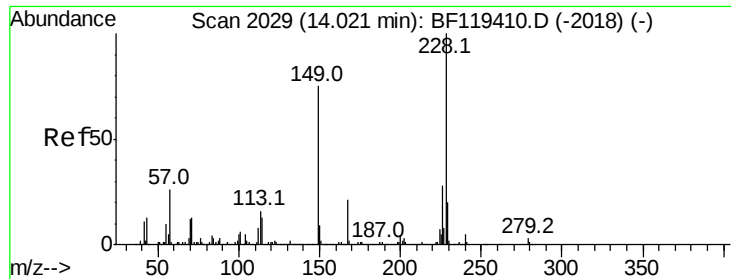
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#83
Chrysene
Concen: 3.718 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF119612.D
Acq: 28 Mar 2020 13:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.4	38.0
229	20.7	16.6	24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 593.822 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF119612.D

Acq: 28 Mar 2020 13:09

Instrument :

BNA_F

ClientSampleId :

GHD1-SB-0203-0-11

Tot Ion:149 Resp: 6726256

Ion Ratio Lower Upper

149 100

167 30.7 21.3 31.9

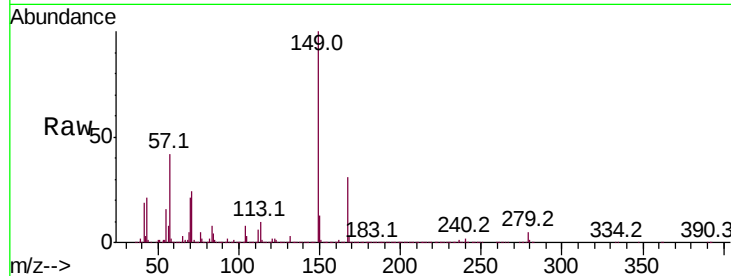
279 5.1 2.7 4.1#

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Abundance Ion 149.00 (148.70 to 149.70): E

6000000 Ion 167.00 (166.70 to 167.70): E

5000000 Ion 279.00 (278.70 to 279.70): E

4000000

3000000

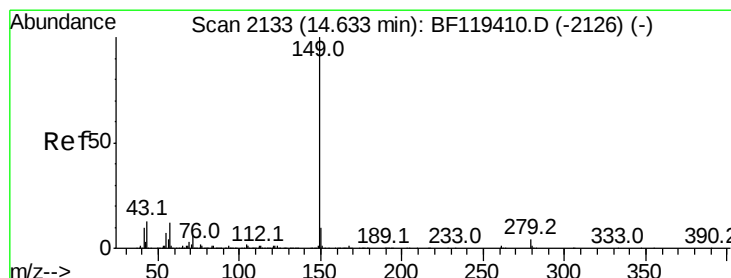
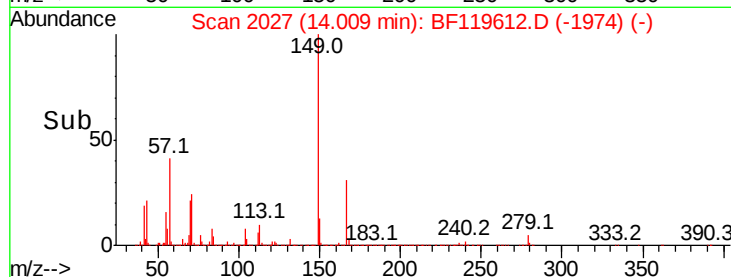
2000000

1000000

0

13.90 13.95 14.00 14.05

Time-->



#85

Di-n-octyl phthalate

Concen: 13.782 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF119612.D

Acq: 28 Mar 2020 13:09

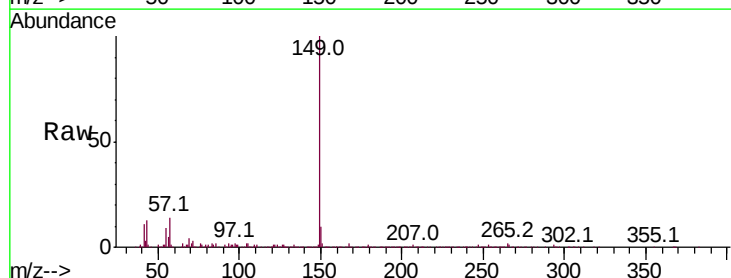
Tgt Ion:149 Resp: 274553

Ion Ratio Lower Upper

149 100

167 2.3 1.2 1.8#

43 12.2 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

300000 Ion 167.00 (166.70 to 167.70): E

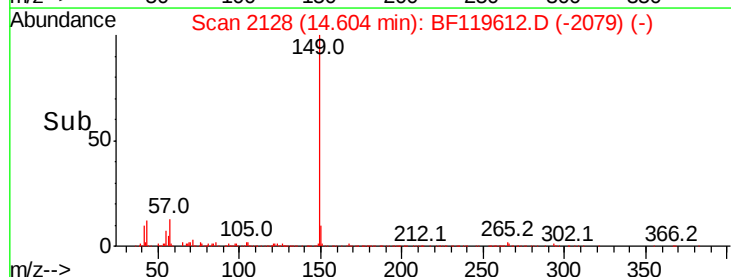
200000 Ion 43.00 (42.70 to 43.70): BF1

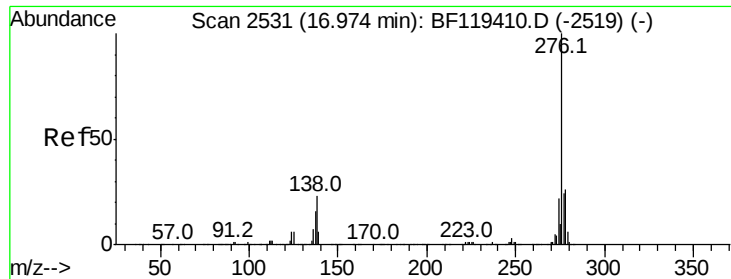
100000

0

14.55 14.60 14.65

Time-->





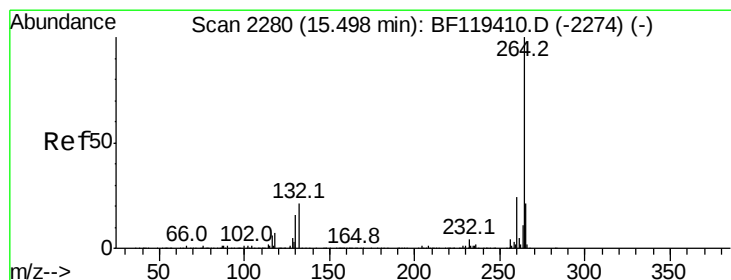
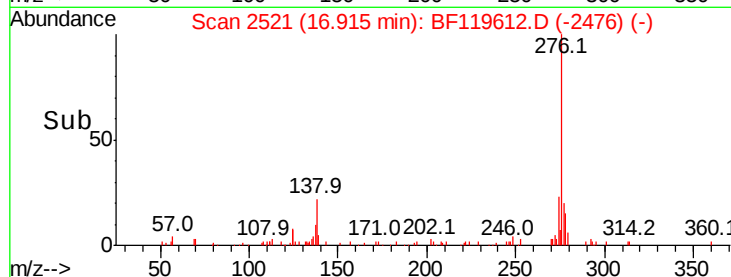
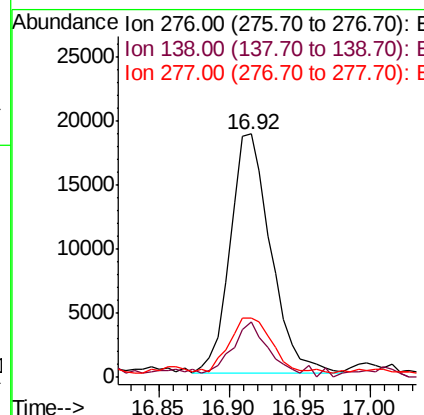
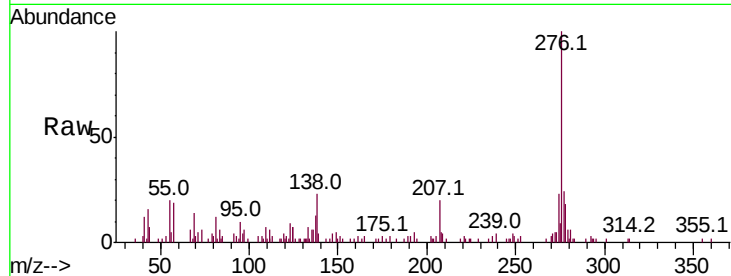
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.053 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.04 min
Lab File: BF119612.D
Acq: 28 Mar 2020 13:09

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.6	29.4
277	27.8	20.0	30.0

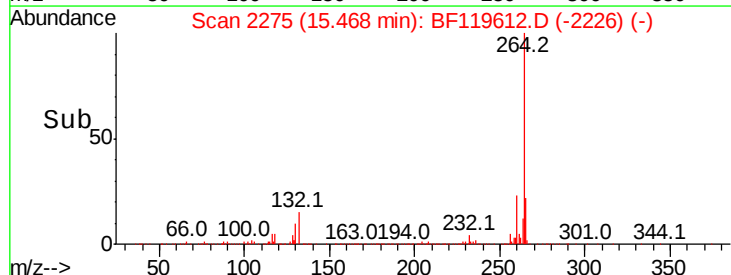
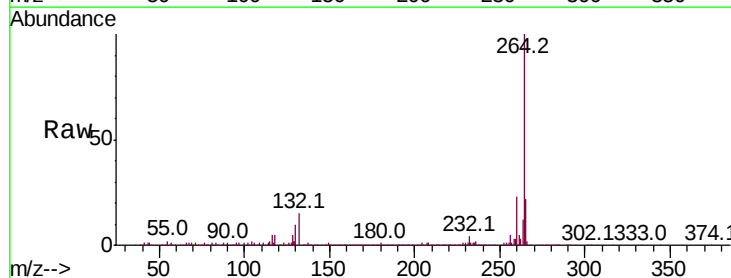
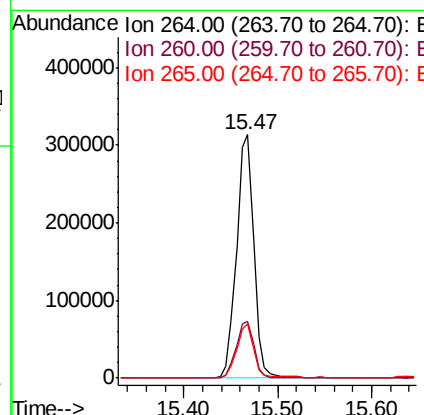
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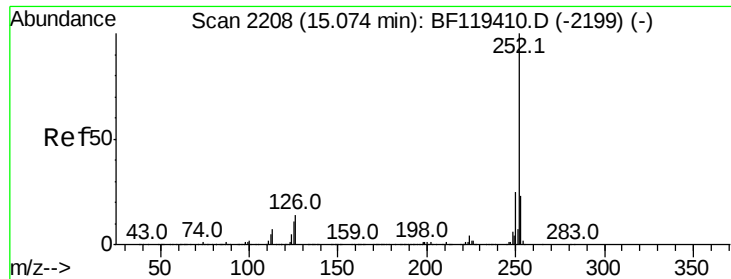
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119612.D
Acq: 28 Mar 2020 13:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.2	17.7	26.5





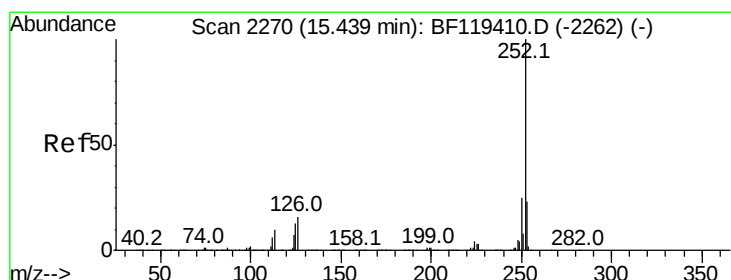
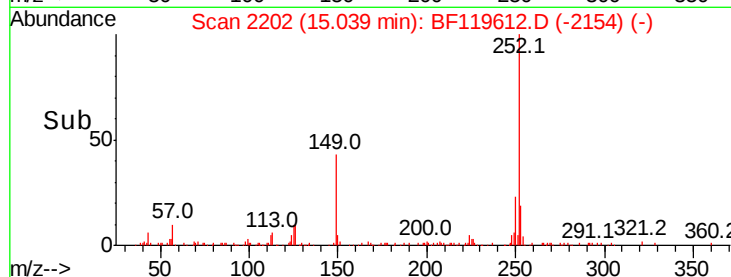
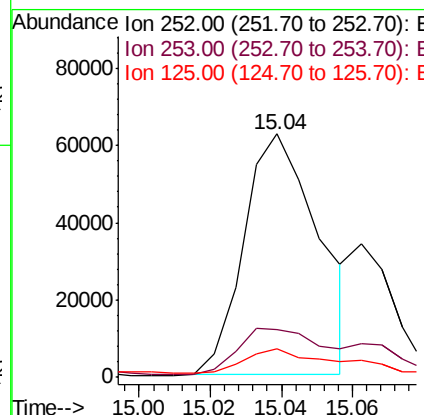
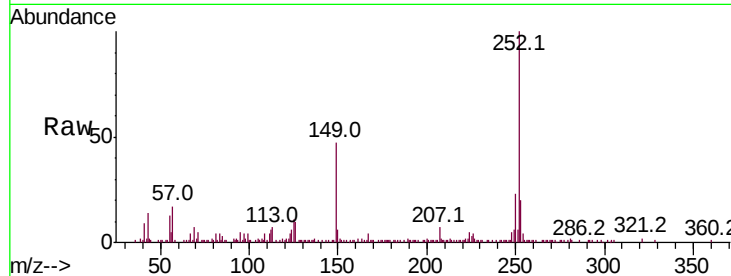
#88
Benzo(b)fluoranthene
Concen: 3.413 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF119612.D
Acq: 28 Mar 2020 13:09

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.6	17.4	26.0
125	11.5	7.9	11.9

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#90
Benzo(a)pyrene
Concen: 2.614 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.02 min
Lab File: BF119612.D
Acq: 28 Mar 2020 13:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	12.7	9.4	14.2

