

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107748.D
 Acq On : 27 Jul 2018 16:20
 Operator : JU/SJ
 Sample : J4143-06 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(10-12)

Manual Integrations
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Sohil
 7/30/2018 2:02:50 PM

Quant Time: Jul 27 18:56:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	158819	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	652410	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	283444	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	501659	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	410350	20.00	ng	-0.02
86) Perylene-d12	15.68	264	439095	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	409555	41.46	ng	-0.02
7) Phenol-d6	6.60	99	589925	49.74	ng	-0.02
23) Nitrobenzene-d5	7.52	82	330363	34.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	146652	45.50	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	413923	17.82	ng	-0.02
78) Terphenyl-d14	13.08	244	321358	20.05	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	70413	3.296	ng	Qvalue # 99
70) Phenanthrene	11.52	178	86809	3.551	ng	98
74) Fluoranthene	12.71	202	146593	5.588	ng	97
77) Pyrene	12.94	202	160980	5.735	ng	96
80) Benzo(a)anthracene	14.14	228	123819	5.149	ng	96
82) Chrysene	14.17	228	104468	4.522	ng	95
85) Indeno(1,2,3-cd)pyrene	17.26	276	77585	3.963	ng	# 88
87) Benzo(b)fluoranthene	15.22	252	175801m	7.316	ng	
88) Benzo(k)fluoranthene	15.25	252	74273m	3.155	ng	
89) Benzo(a)pyrene	15.62	252	138471	6.299	ng	# 93
91) Benzo(g,h,i)perylene	17.74	276	76036	4.057	ng	96

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

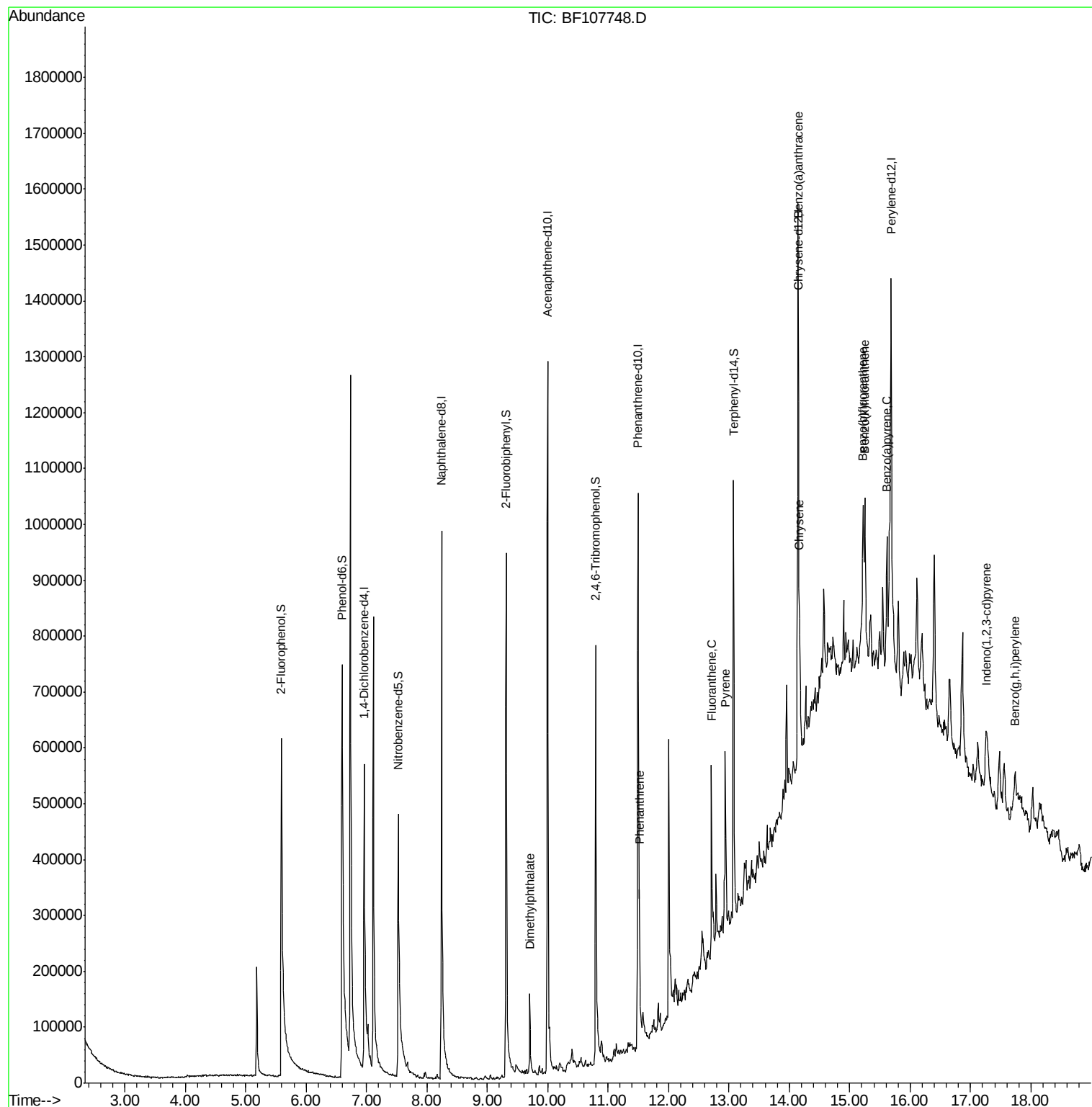
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107748.D
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ALS Vial : 7 Sample Multiplier: 1

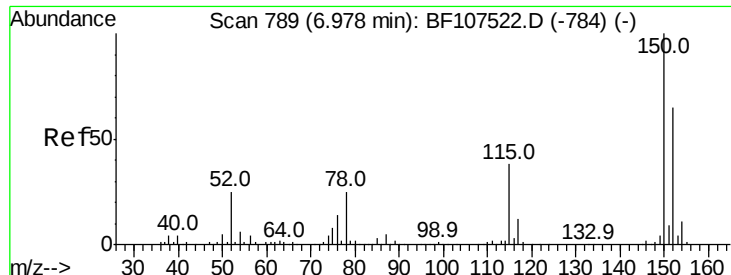
Instrument :
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ClientSampleId :
GW-01(10-12)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

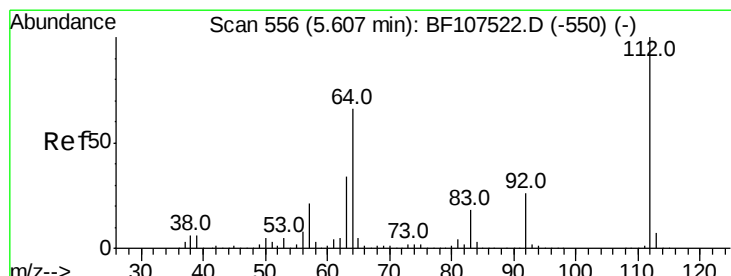
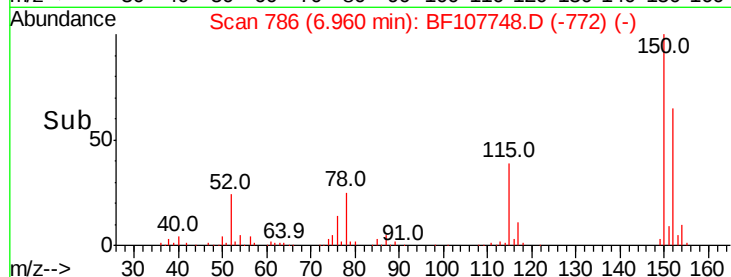
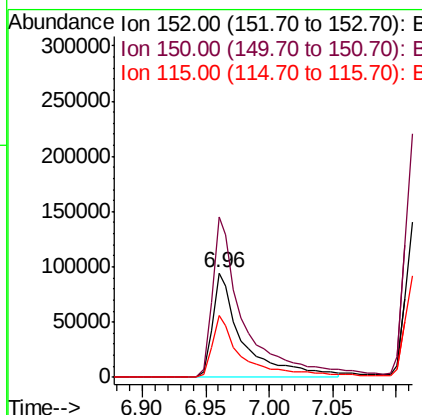
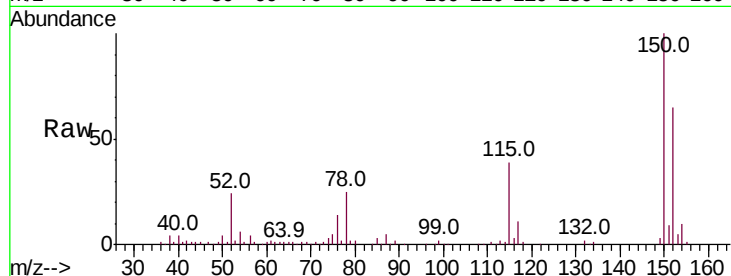
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107748.D
Acq: 27 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
GW-01(10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	59.8	50.1	75.1

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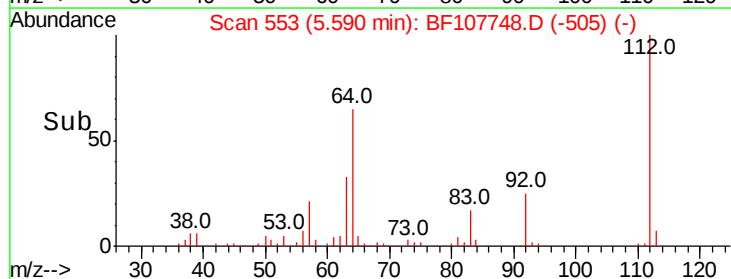
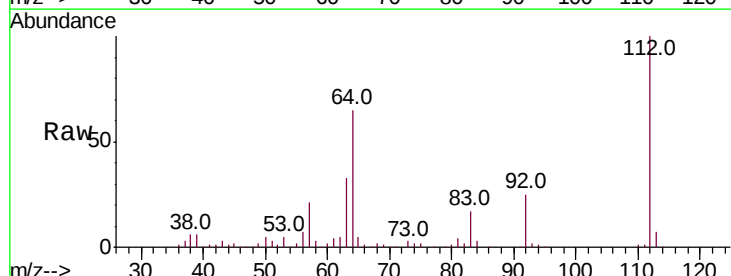
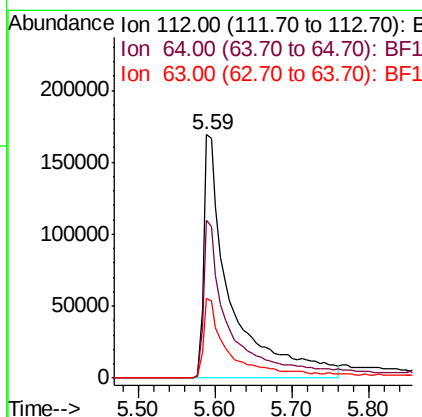
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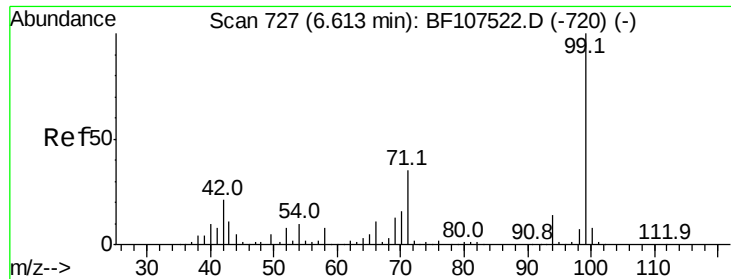


#5

2-Fluorophenol
Concen: 41.461 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF107748.D
Acq: 27 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	32.9	23.7	35.5





#7

Phenol-d6

Concen: 49.737 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107748.D

Acq: 27 Jul 2018 16:20

Instrument :

BNA_F

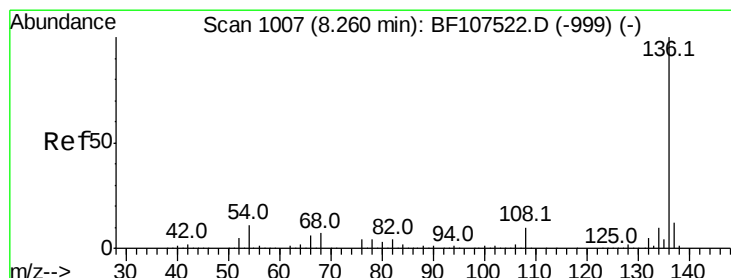
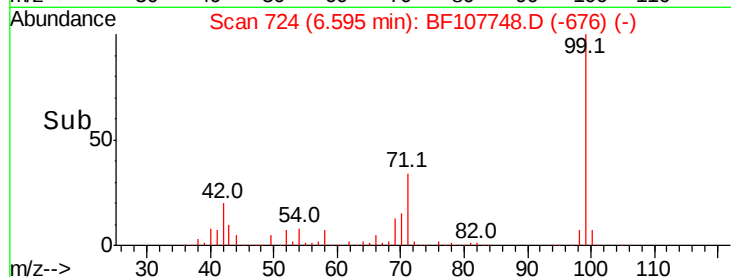
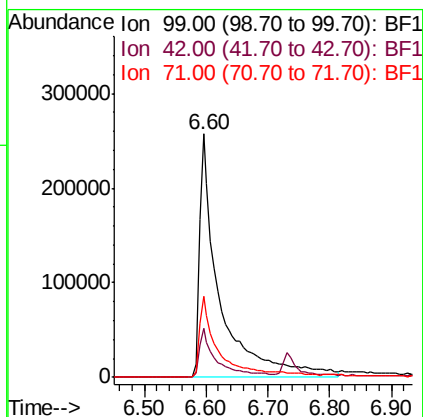
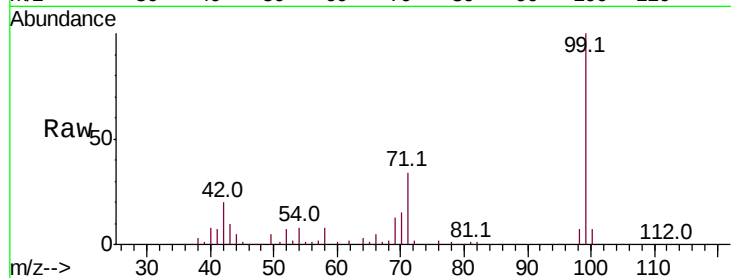
ClientSampleId :

GW-01(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
99	100	589925		
42	20.2		14.5	21.7
71	33.5		25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

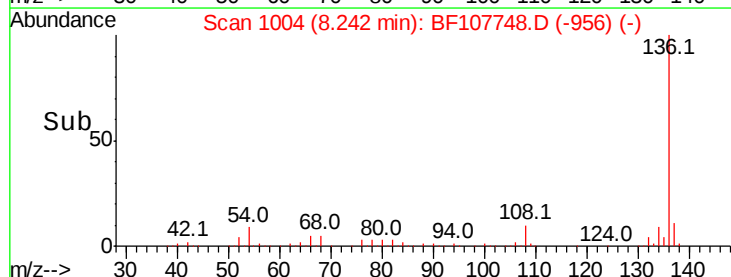
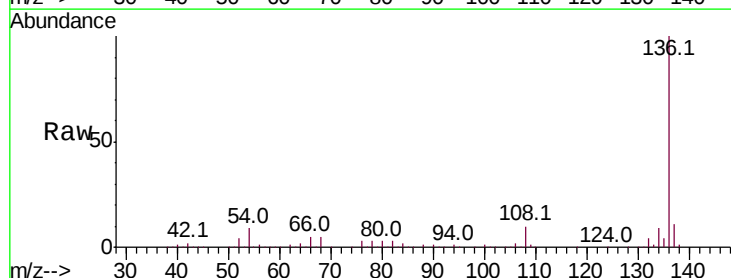
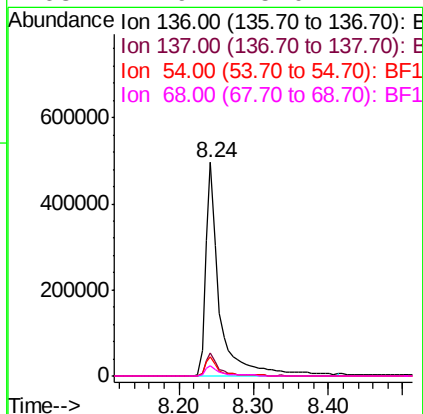
RT: 8.24 min Scan# 1004

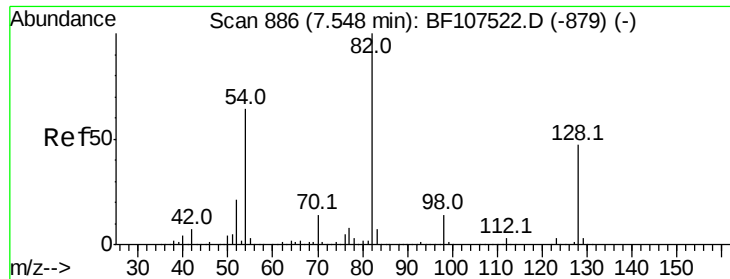
Delta R.T. -0.02 min

Lab File: BF107748.D

Acq: 27 Jul 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	652410		
137	10.5		8.9	13.3
54	8.9		6.6	9.8
68	4.9		5.0	7.4#





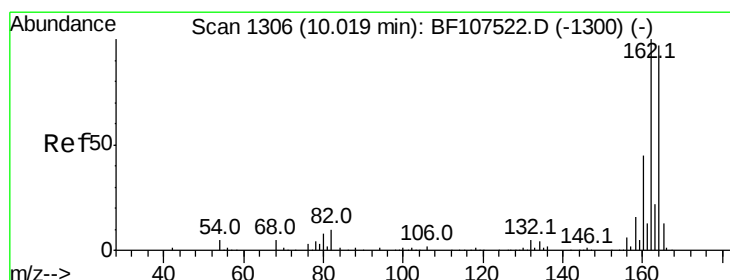
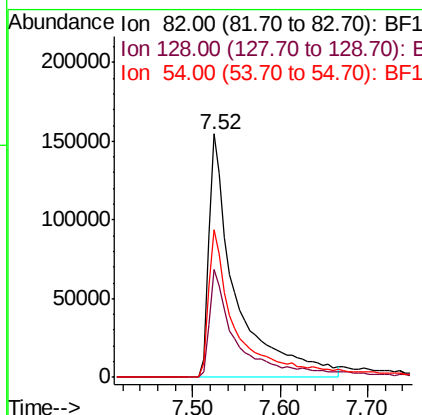
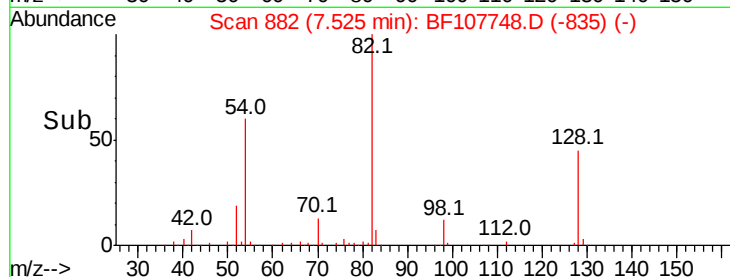
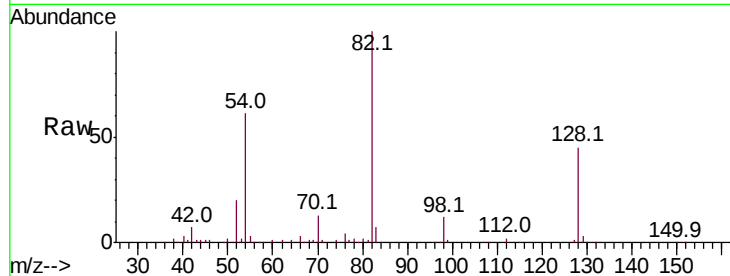
#23
 Nitrobenzene-d5
 Concen: 34.174 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF107748.D
 Acq: 27 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(10-12)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	60.6	41.4	62.2

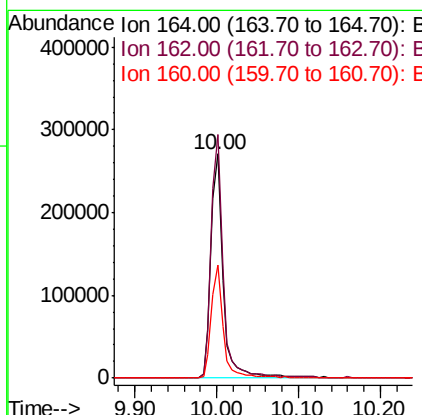
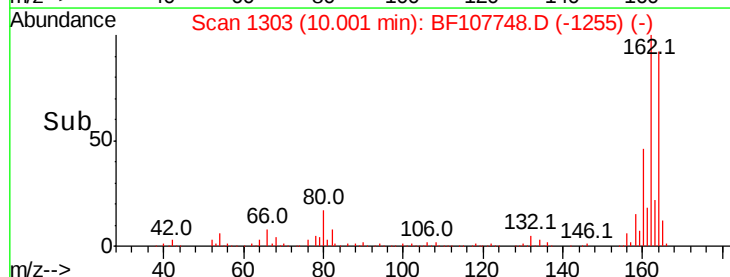
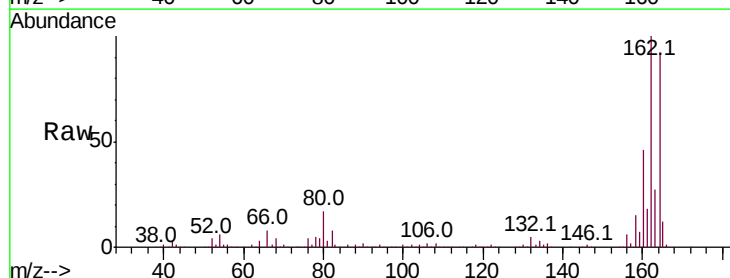
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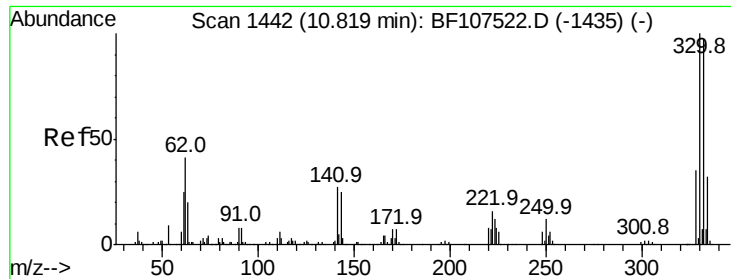
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107748.D
 Acq: 27 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.6	86.1	129.1
160	50.3	38.3	57.5





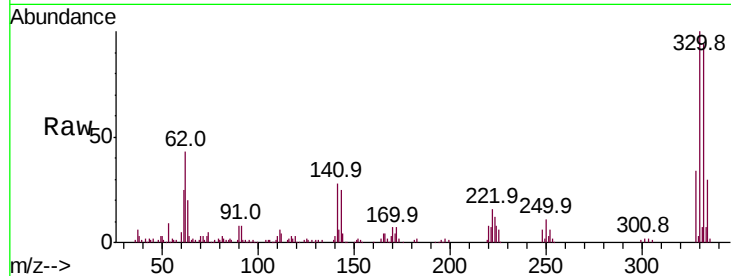
#41
 2,4,6-Tribromophenol
 Concen: 45.499 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107748.D
 Acq: 27 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(10-12)

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.0	77.0	115.6
141	28.6	29.9	44.9#

Manual Integrations
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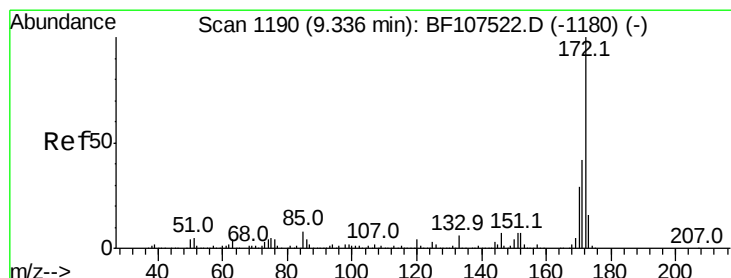
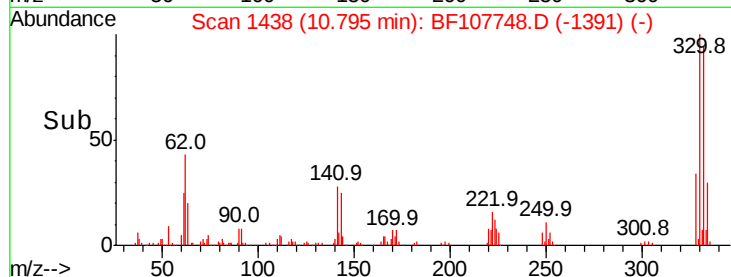
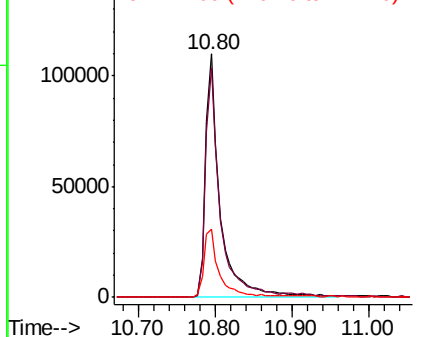


Abundance

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



#44
 2-Fluorobiphenyl
 Concen: 17.823 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107748.D
 Acq: 27 Jul 2018 16:20

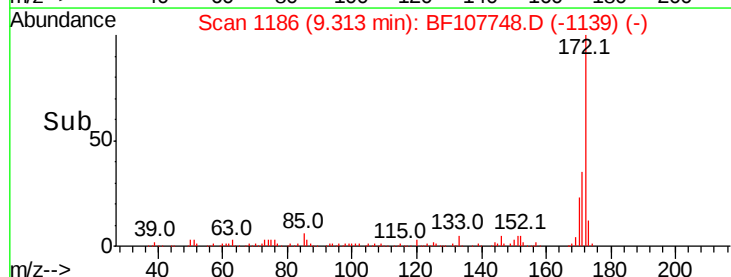
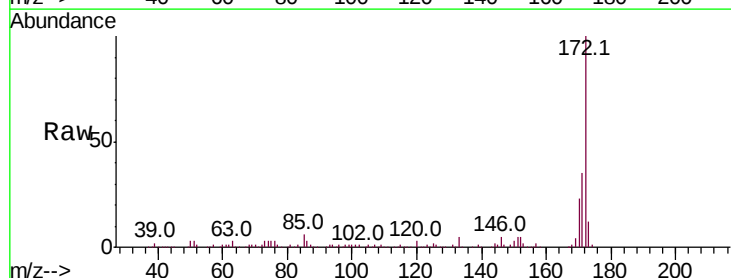
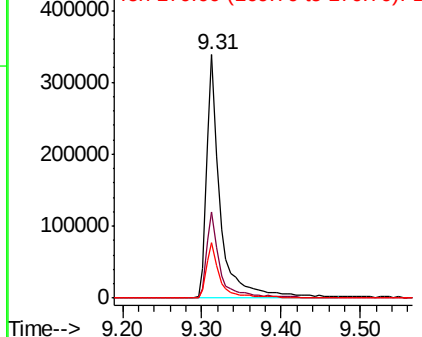
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.7	19.6	29.4

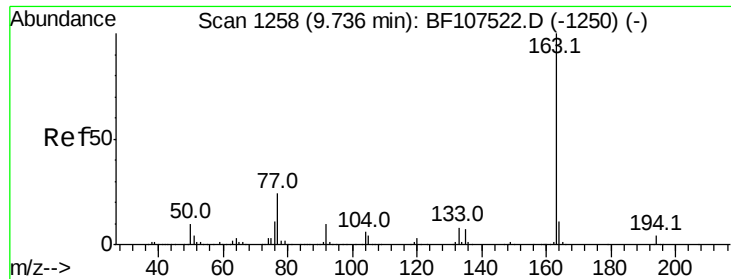
Abundance

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





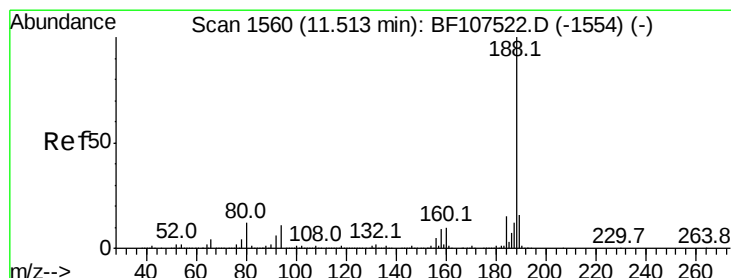
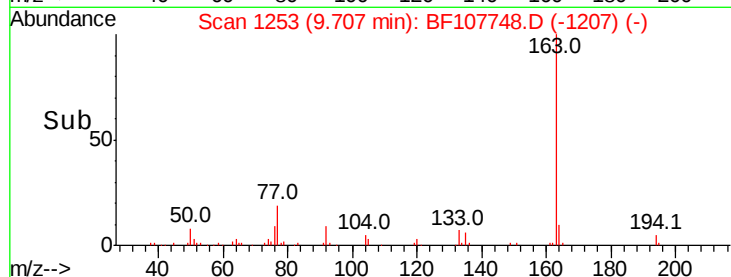
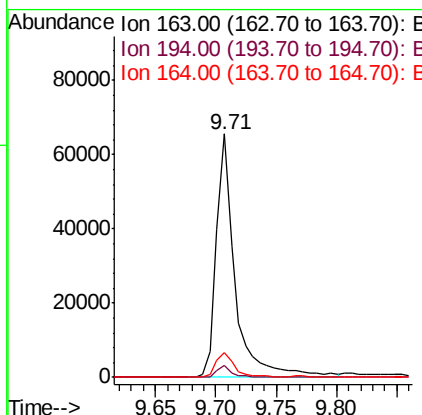
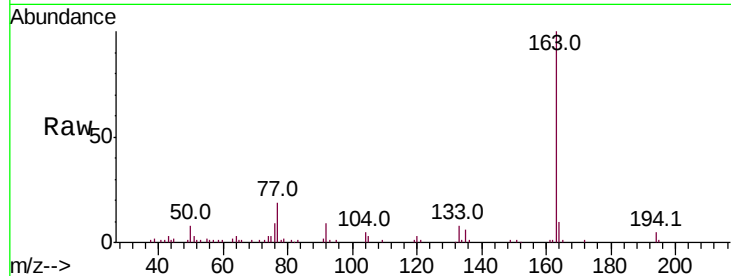
#49
Dimethylphthalate
Concen: 3.296 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107748.D
Acq: 27 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
GW-01(10-12)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	10.3	8.2	12.2

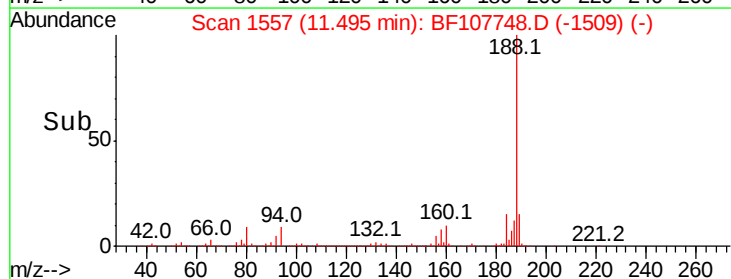
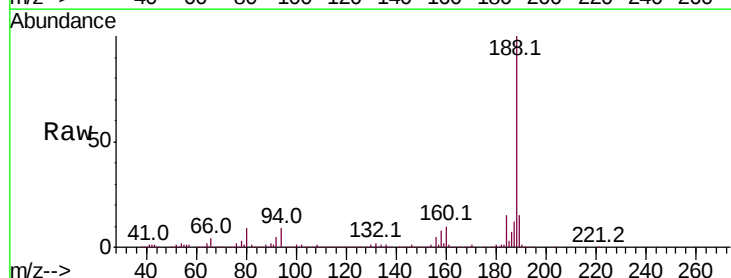
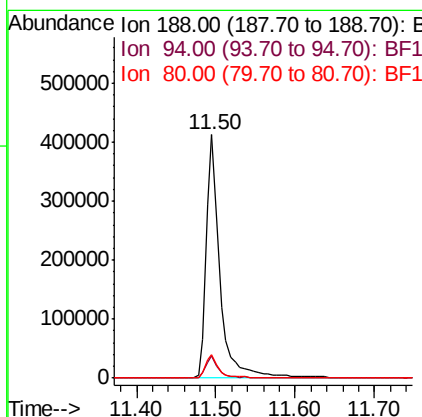
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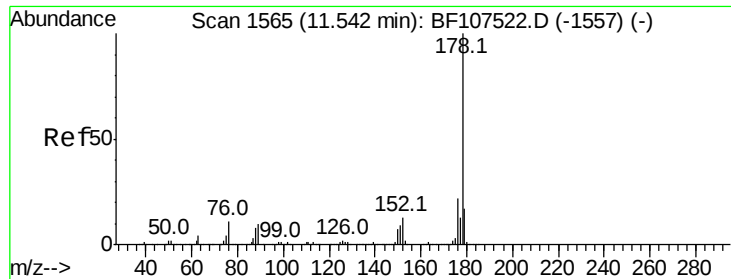
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107748.D
Acq: 27 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.4	9.2	13.8





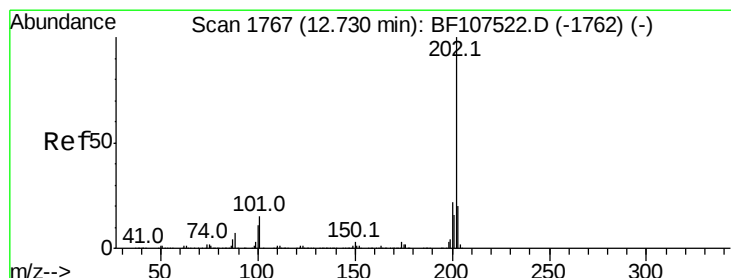
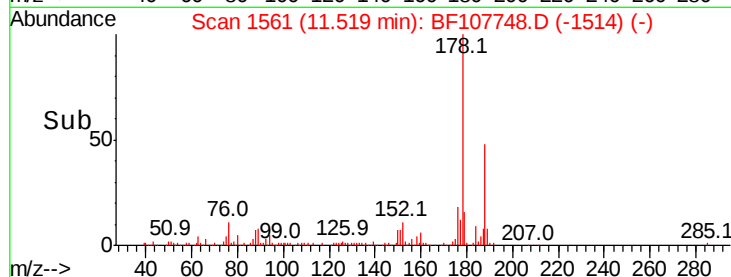
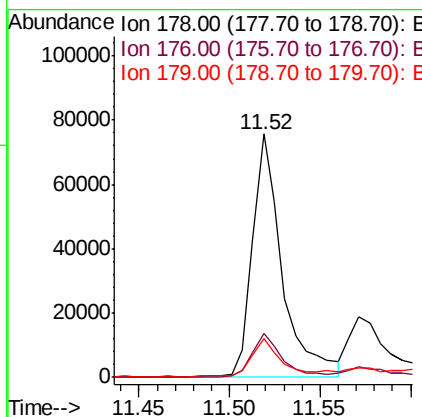
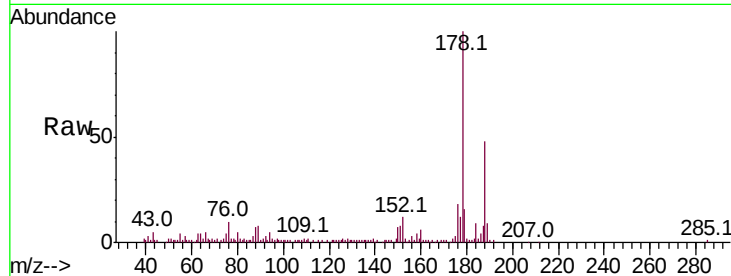
#70
Phenanthrene
Concen: 3.551 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF107748.D
Acq: 27 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
GW-01(10-12)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.9	13.0	19.6

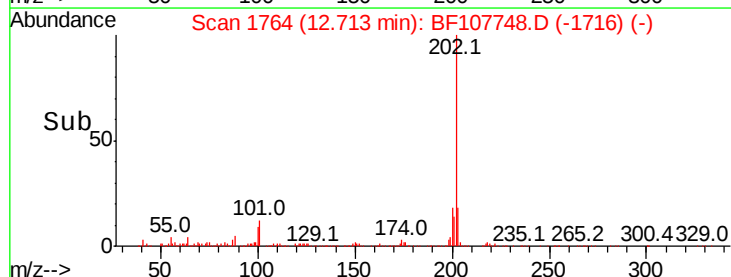
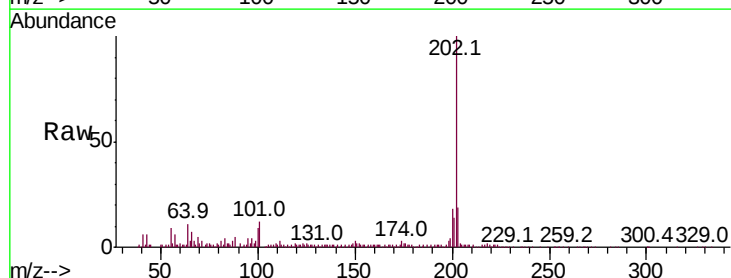
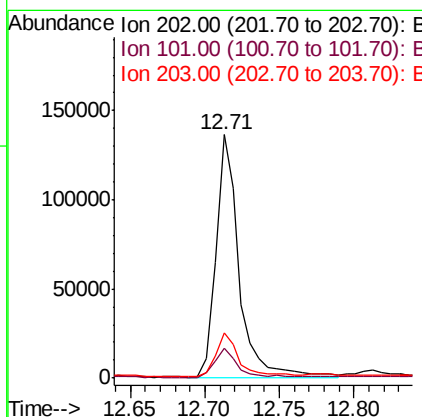
Manual Integrations
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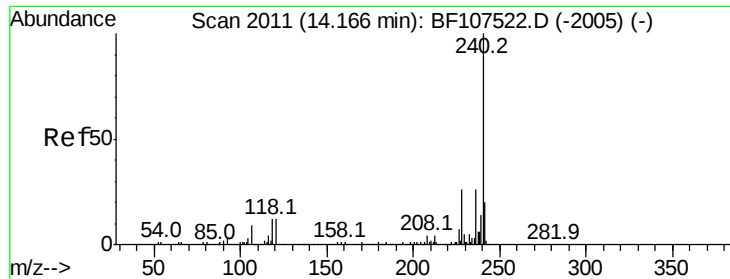
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#74
Fluoranthene
Concen: 5.588 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF107748.D
Acq: 27 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107748.D

Acq: 27 Jul 2018 16:20

Instrument :

BNA_F

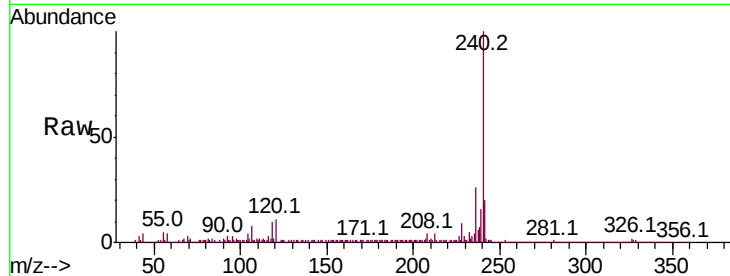
ClientSampleId :

GW-01(10-12)

Tot Ion:	240	Resp:	410350
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.5	14.3
236	26.0	20.7	31.1

Manual Integrations
APPROVED

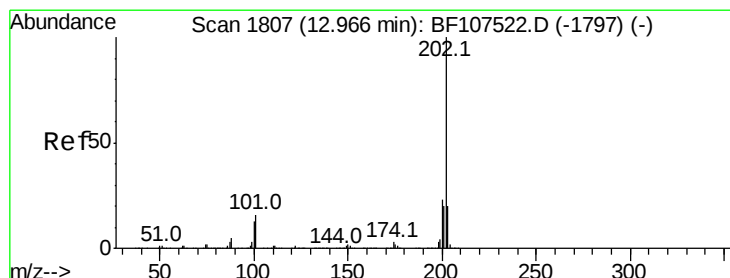
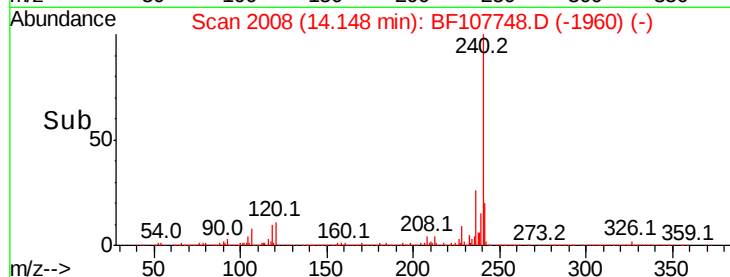
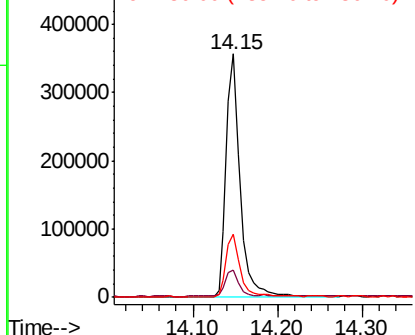
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.735 ng

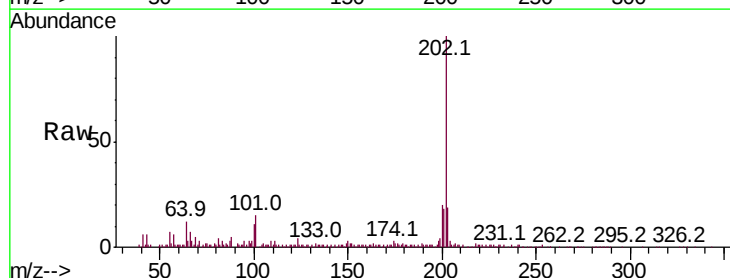
RT: 12.94 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF107748.D

Acq: 27 Jul 2018 16:20

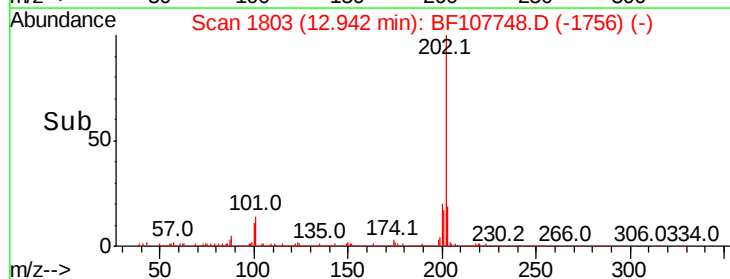
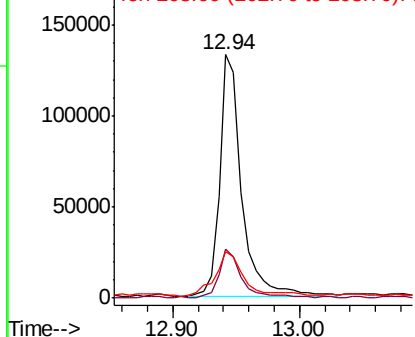
Tgt Ion:	202	Resp:	160980
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.4	26.2
203	19.3	14.3	21.5

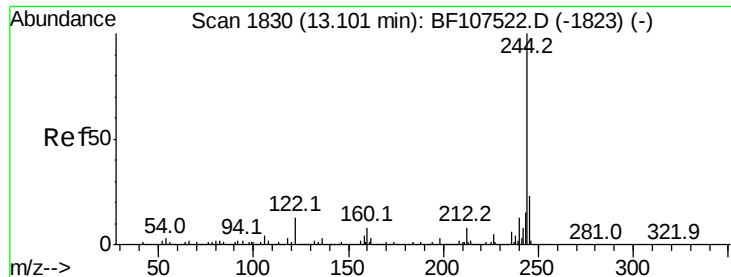


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 20.049 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107748.D

Acq: 27 Jul 2018 16:20

Instrument :

BNA_F

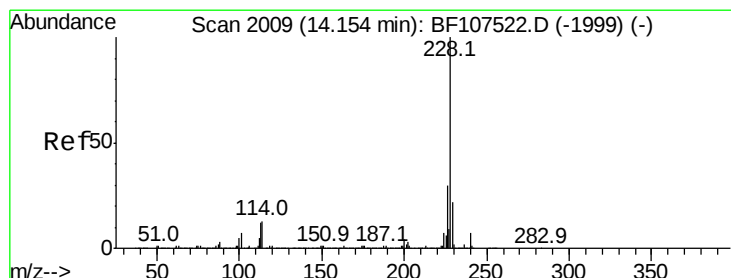
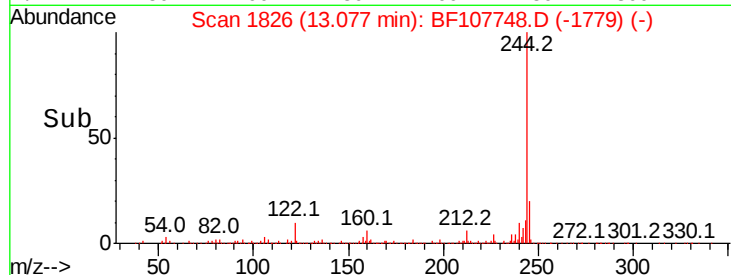
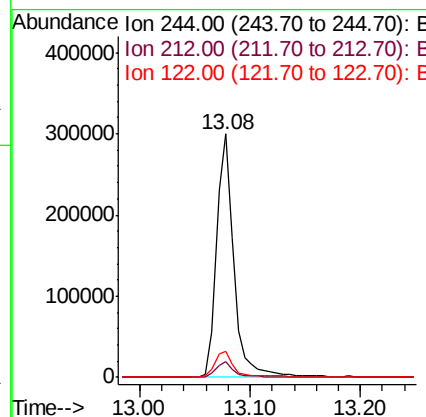
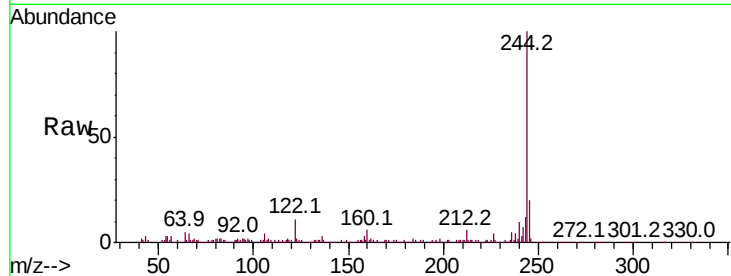
ClientSampleId :

GW-01(10-12)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.6	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 5.149 ng

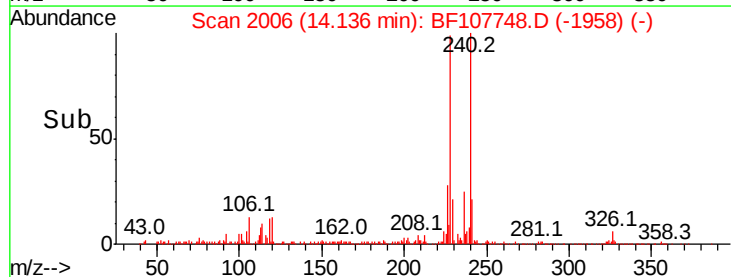
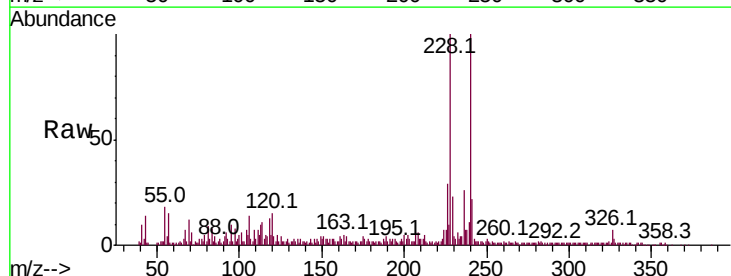
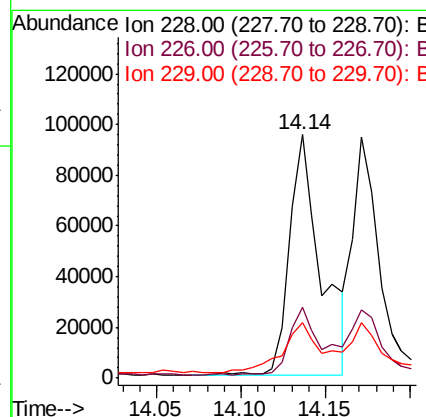
RT: 14.14 min Scan# 2006

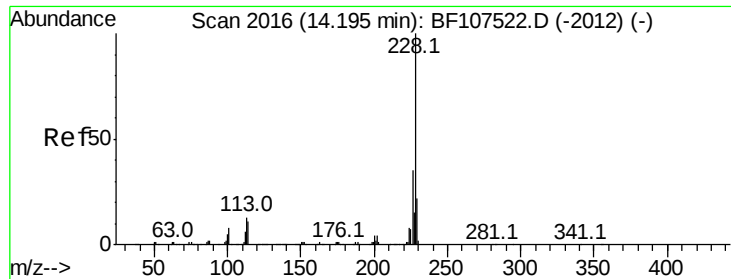
Delta R.T. -0.02 min

Lab File: BF107748.D

Acq: 27 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	22.6	15.8	23.6





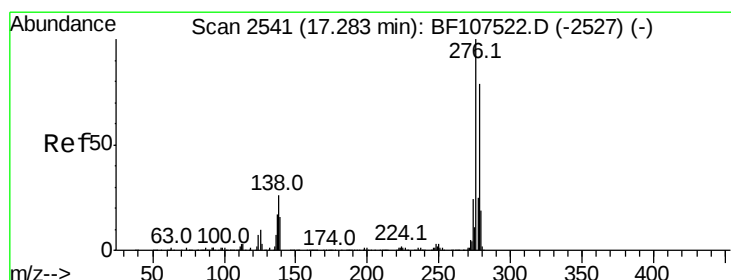
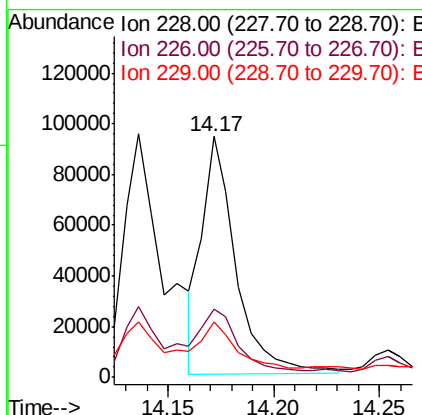
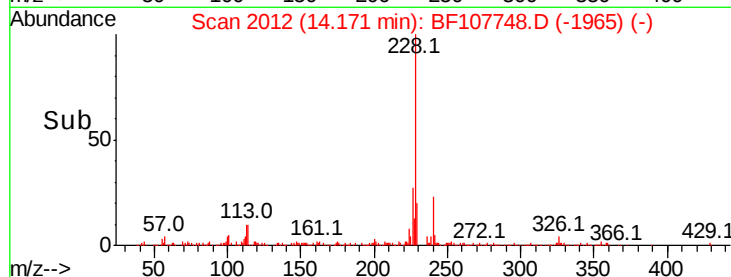
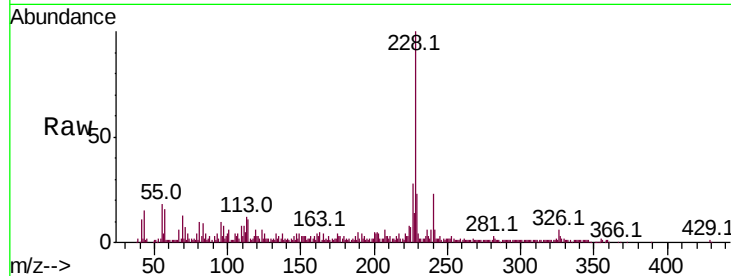
#82
Chrysene
Concen: 4.522 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107748.D
Acq: 27 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
GW-01(10-12)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.6
229	22.9	16.2	24.4

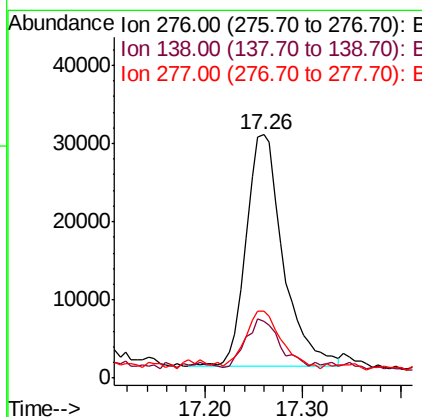
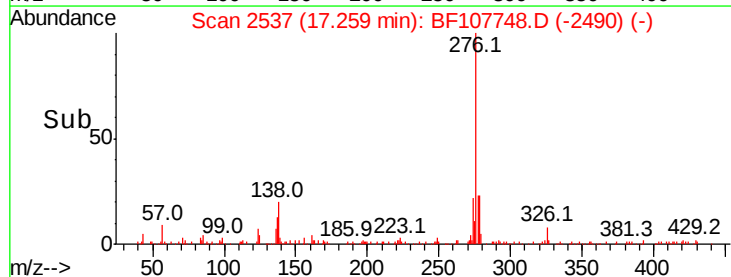
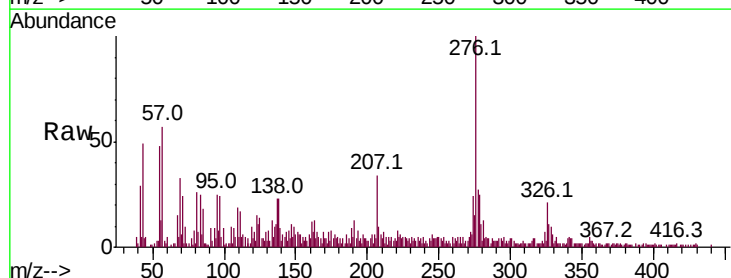
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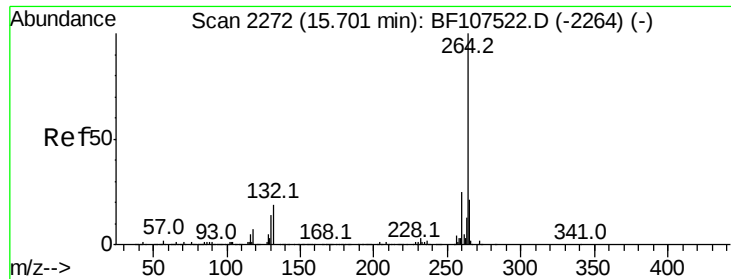
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.963 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BF107748.D
Acq: 27 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	25.0	37.6#
277	24.6	20.1	30.1





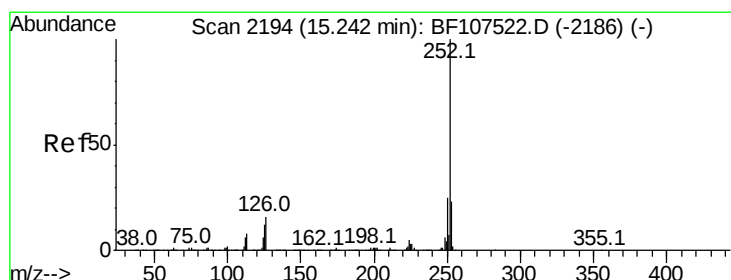
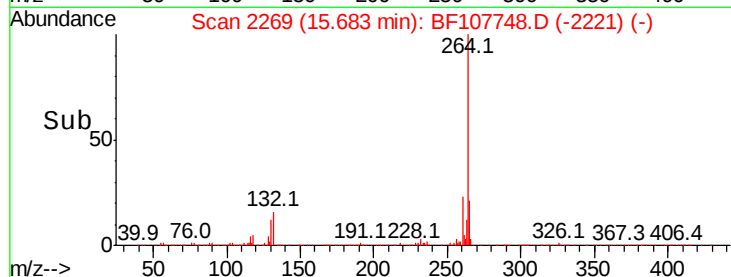
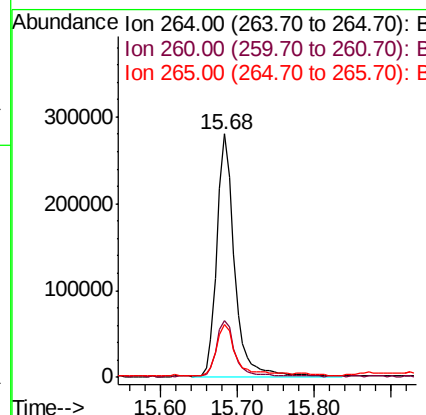
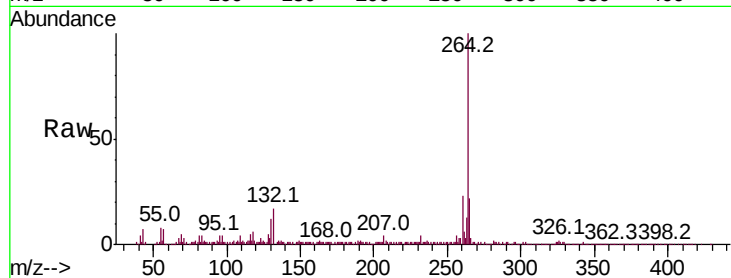
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107748.D
Acq: 27 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
GW-01(10-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	17.5	26.3

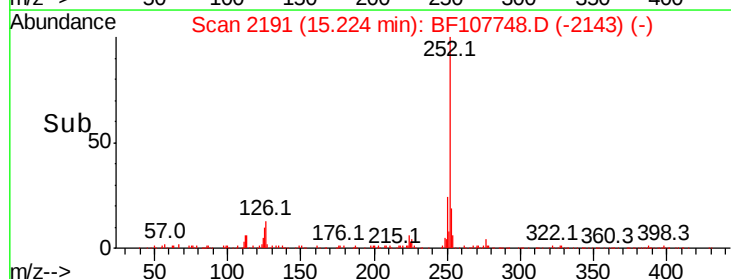
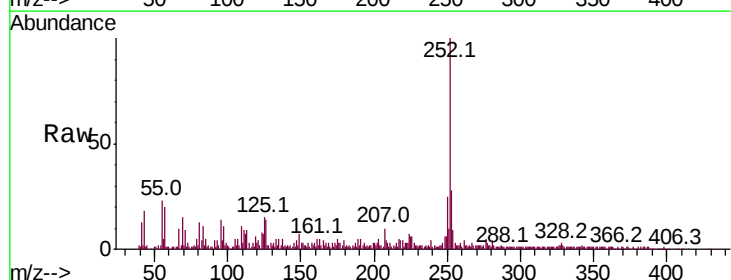
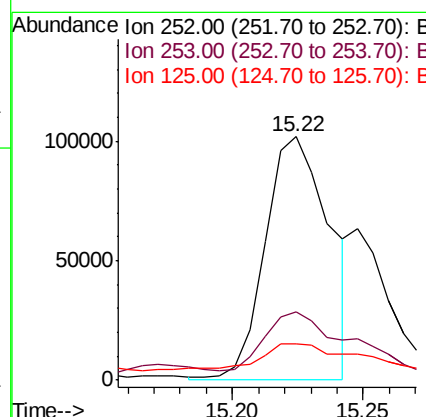
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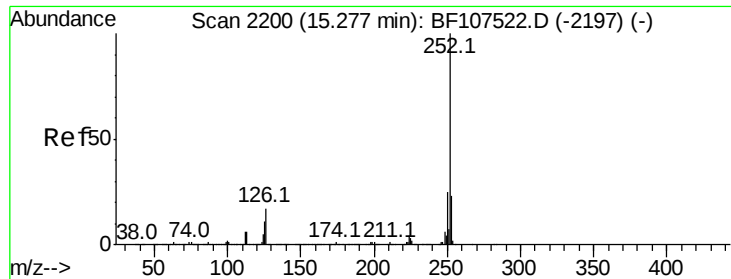
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#87
Benzo(b)fluoranthene
Concen: 7.316 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107748.D
Acq: 27 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.0	25.6#
125	15.0	9.0	13.6#





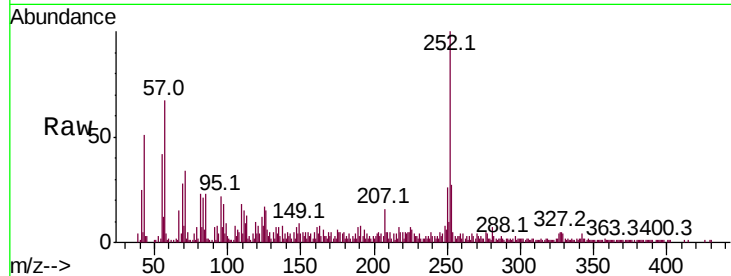
#88
Benzo(k)fluoranthene
Concen: 3.155 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BF107748.D
Acq: 27 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
GW-01(10-12)

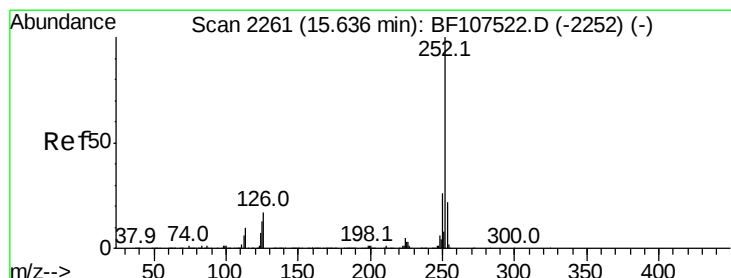
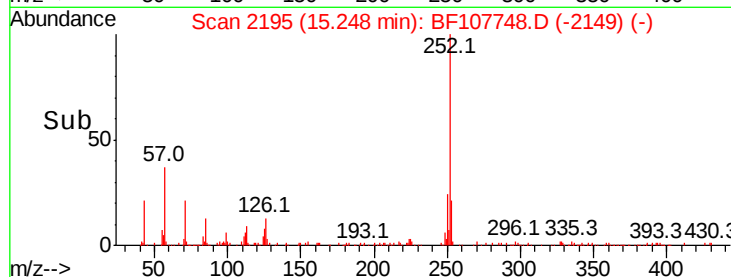
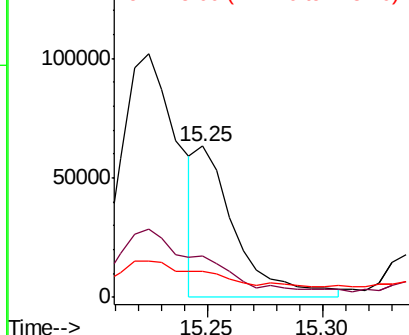
Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.9	26.9#
125	17.1	10.2	15.2#

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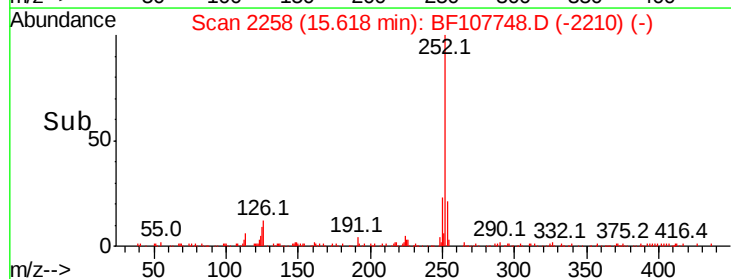
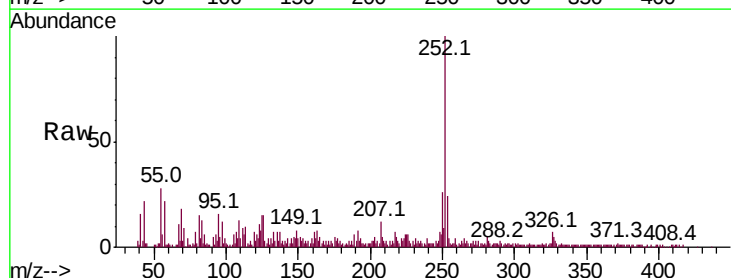
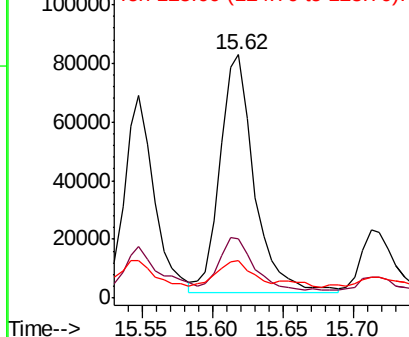
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

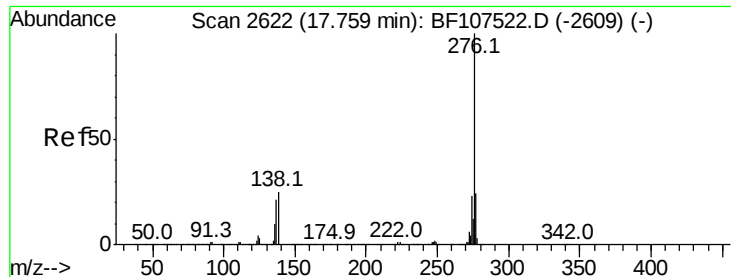


#89
Benzo(a)pyrene
Concen: 6.299 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107748.D
Acq: 27 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	15.3	9.8	14.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 4.057 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF107748.D
 Acq: 27 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(10-12)

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	26.6	21.8	32.8

Manual Integrations
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