

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107711.D
 Acq On : 26 Jul 2018 20:27
 Operator : JU/SJ
 Sample : J4109-02 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(10-12)

Manual Integrations
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Quant Time: Jul 27 04:57:52 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	168212	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	746661	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	339402	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	606662	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	409511	20.00	ng	-0.02
86) Perylene-d12	15.68	264	480242	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	153539	14.68	ng	0.00
7) Phenol-d6	6.60	99	240262	19.13	ng	-0.01
23) Nitrobenzene-d5	7.53	82	136509	12.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	69633	18.04	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	214988	4.85	ng	-0.02
78) Terphenyl-d14	13.08	244	184338	11.52	ng	-0.02
Target Compounds						
31) Naphthalene	8.27	128	67971	2.070	ng	98
51) Acenaphthene	10.03	154	76611	3.602	ng	96
57) Fluorene	10.55	166	89185	3.992	ng	# 97
70) Phenanthrene	11.52	178	460734	15.585	ng	98
71) Anthracene	11.57	178	129043	4.335	ng	97
74) Fluoranthene	12.71	202	167081	5.267	ng	96
77) Pyrene	12.94	202	262753	9.380	ng	96
80) Benzo(a)anthracene	14.14	228	89493m	3.729	ng	
82) Chrysene	14.17	228	87514	3.796	ng	96
89) Benzo(a)pyrene	15.61	252	62059	2.581	ng	96

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

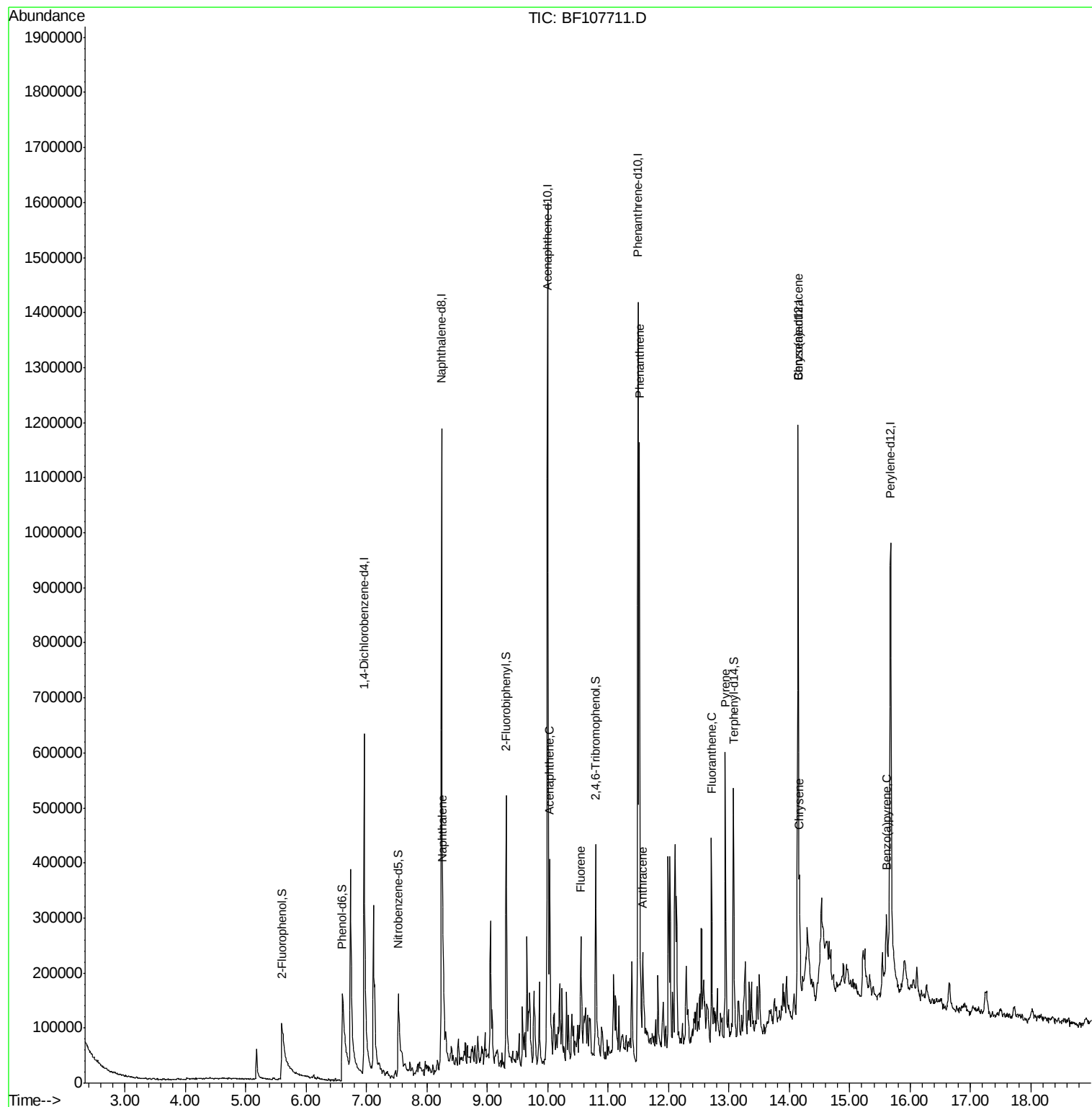
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107711.D
Acq On : 26 Jul 2018 20:27
Operator : JU/SJ
Sample : J4109-02 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

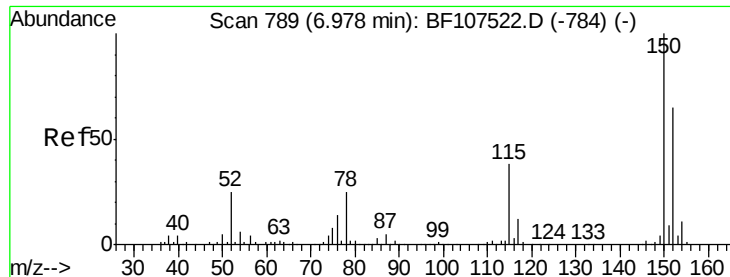
Instrument :
BNA_F
ClientSampleId :
GW-04(10-12)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

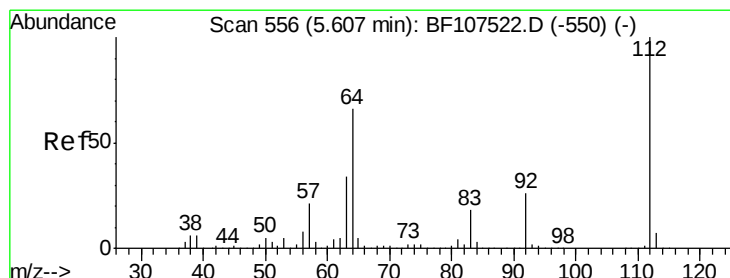
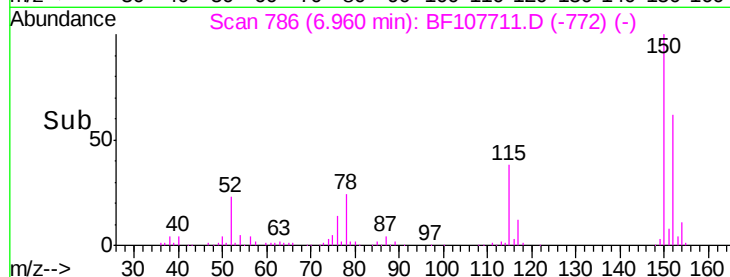
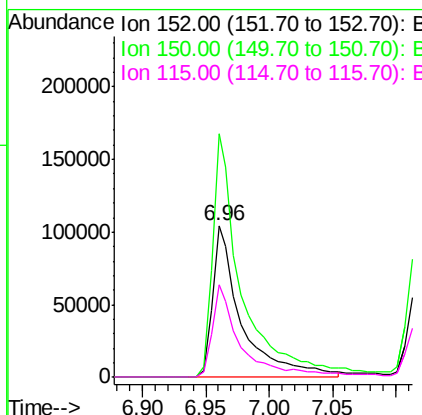
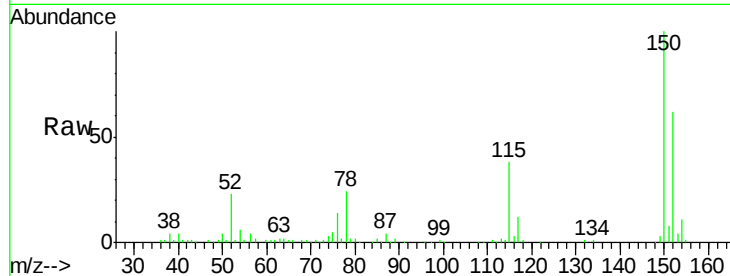
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107711.D
Acq: 26 Jul 2018 20:27

Instrument :
BNA_F
ClientSampleId :
GW-04(10-12)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	61.0	50.1	75.1

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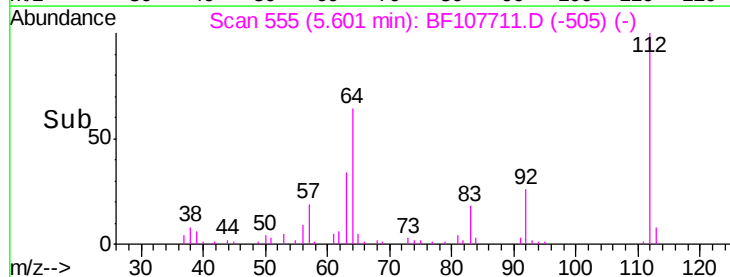
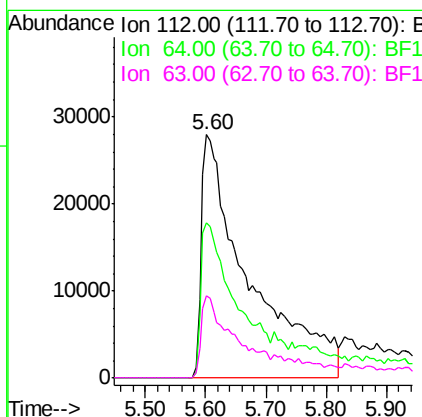
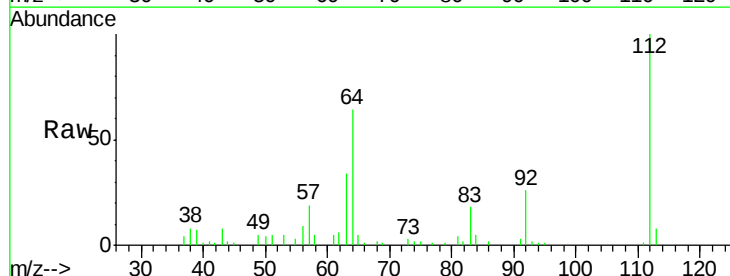
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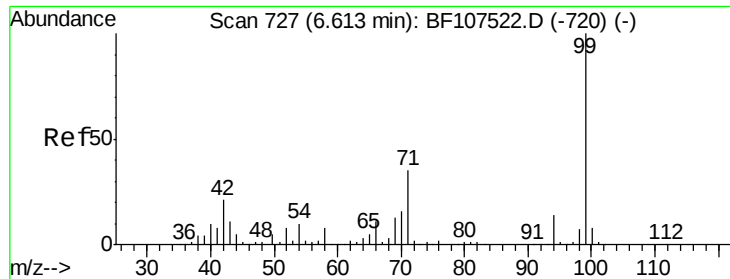


#5

2-Fluorophenol
Concen: 14.676 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107711.D
Acq: 26 Jul 2018 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	47.9	71.9
63	33.6	23.7	35.5





#7

Phenol-d6

Concen: 19.126 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107711.D

Acq: 26 Jul 2018 20:27

Instrument :

BNA_F

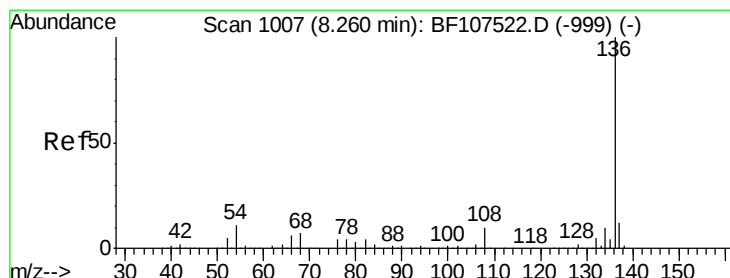
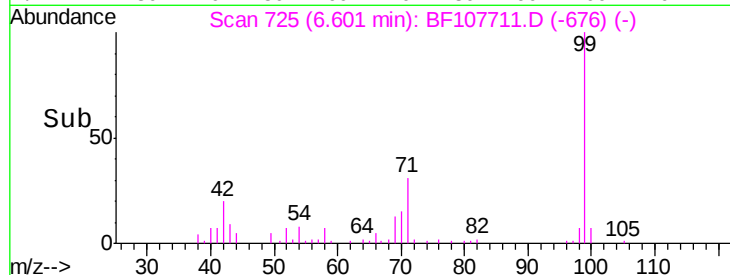
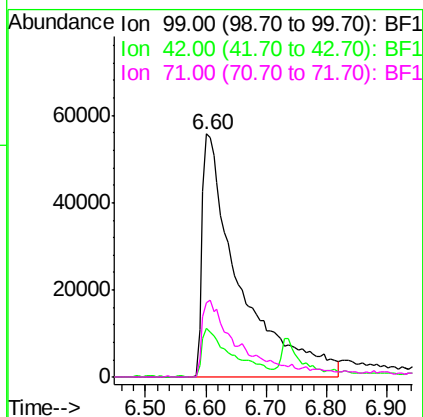
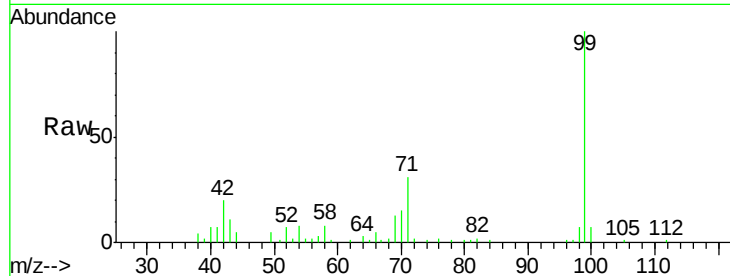
ClientSampleId :

GW-04(10-12)

Tgt Ion:	99	Resp:	240262
Ion Ratio	Lower	Upper	
99	100		
42	20.1	14.5	21.7
71	30.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

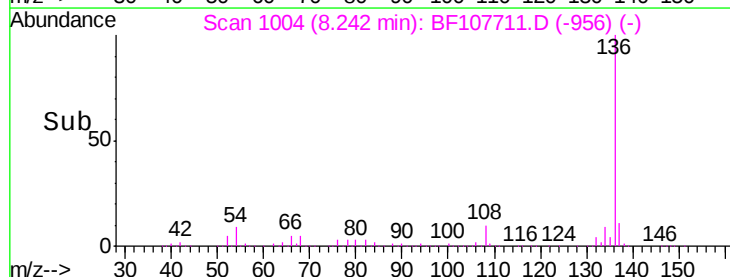
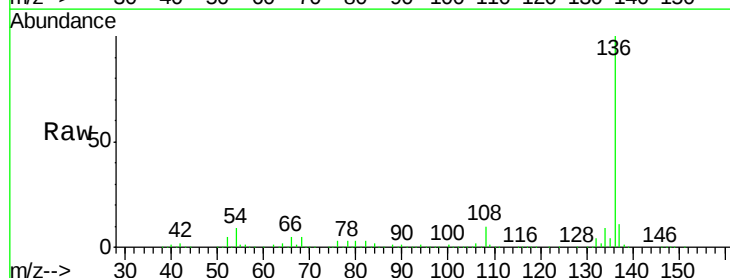
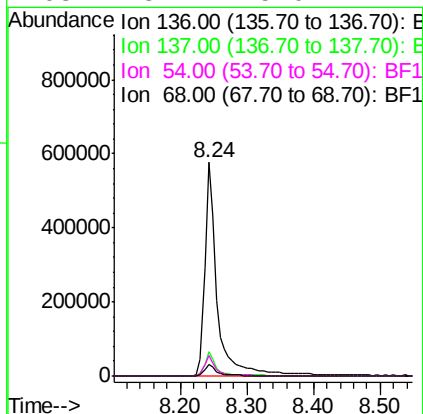
RT: 8.24 min Scan# 1004

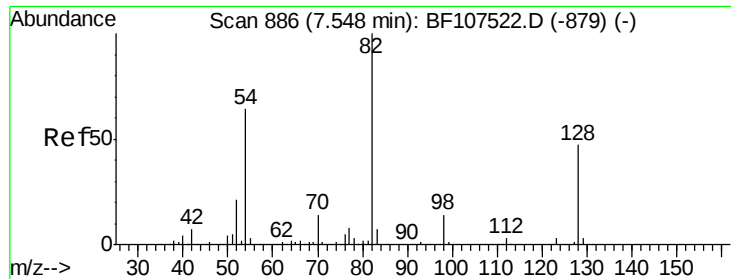
Delta R.T. -0.02 min

Lab File: BF107711.D

Acq: 26 Jul 2018 20:27

Tgt Ion:	136	Resp:	746661
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	9.4	6.6	9.8
68	5.2	5.0	7.4





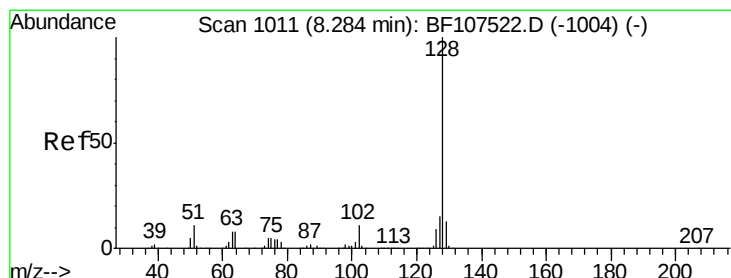
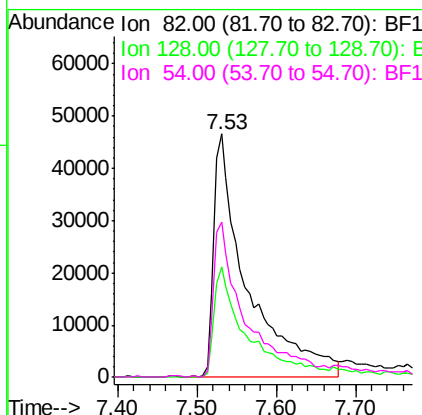
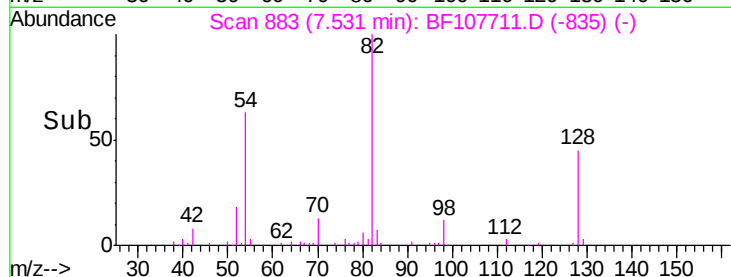
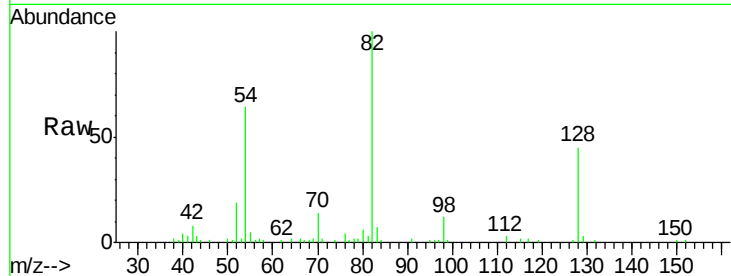
#23
 Nitrobenzene-d5
 Concen: 12.338 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107711.D
 Acq: 26 Jul 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(10-12)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	63.6	41.4	62.2

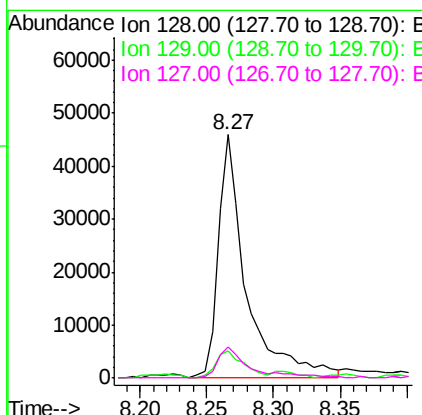
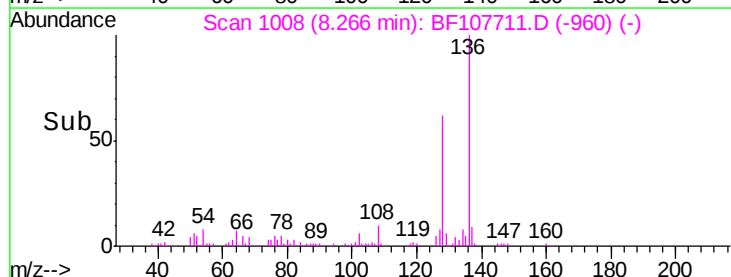
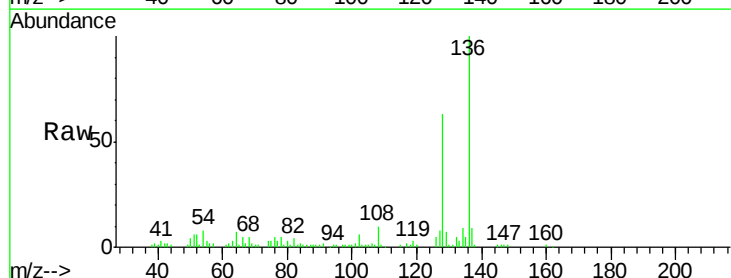
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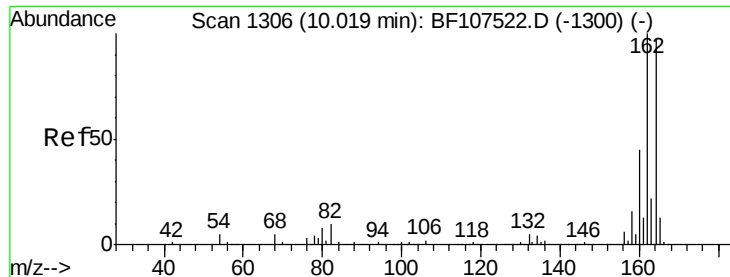
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#31
 Naphthalene
 Concen: 2.070 ng
 RT: 8.27 min Scan# 1008
 Delta R.T. -0.02 min
 Lab File: BF107711.D
 Acq: 26 Jul 2018 20:27

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.7	10.9	16.3





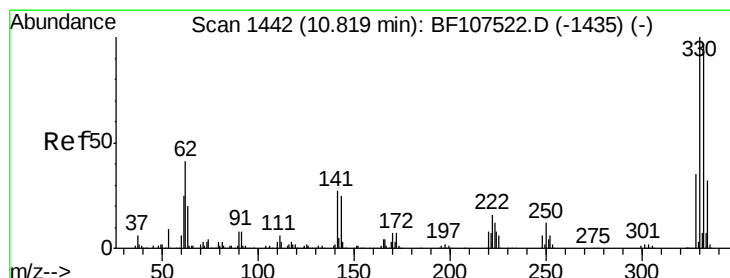
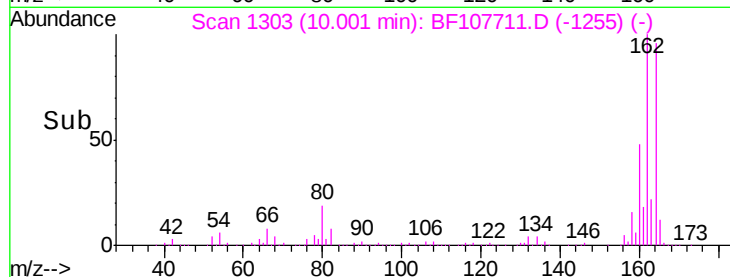
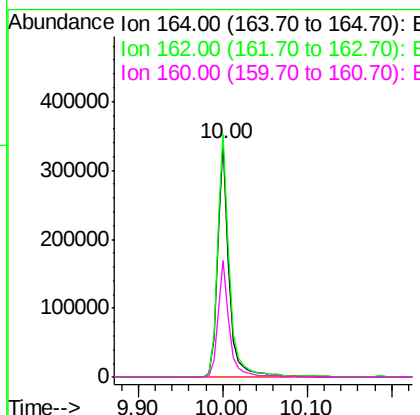
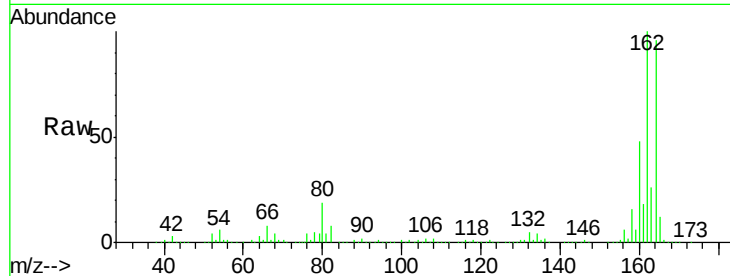
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107711.D
Acq: 26 Jul 2018 20:27

Instrument :
BNA_F
ClientSampleId :
GW-04(10-12)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	339402		
162	103.8	86.1	129.1	
160	49.6	38.3	57.5	

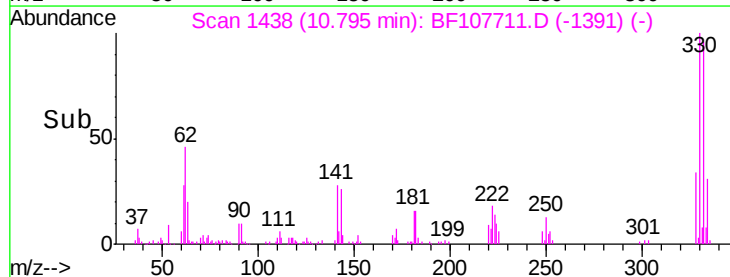
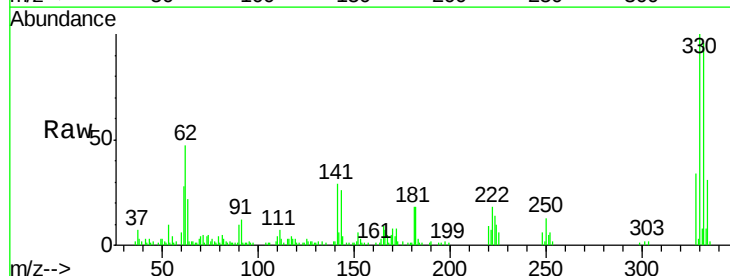
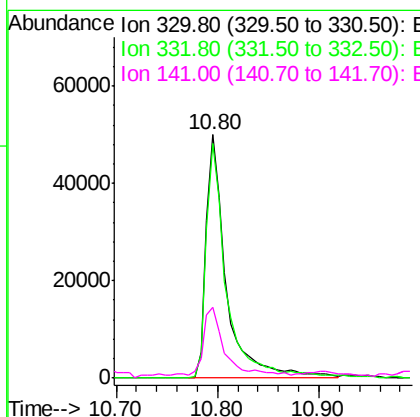
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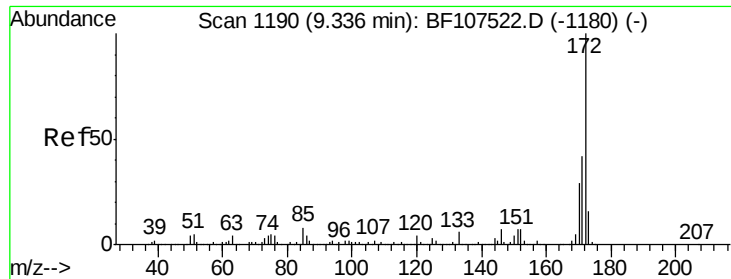
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#41
2,4,6-Tribromophenol
Concen: 18.042 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107711.D
Acq: 26 Jul 2018 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	69633		
332	97.9	77.0	115.6	
141	28.6	29.9	44.9#	





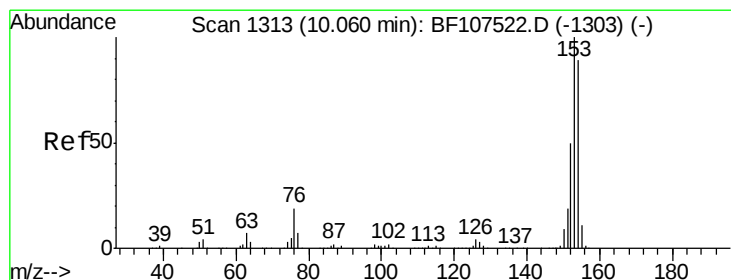
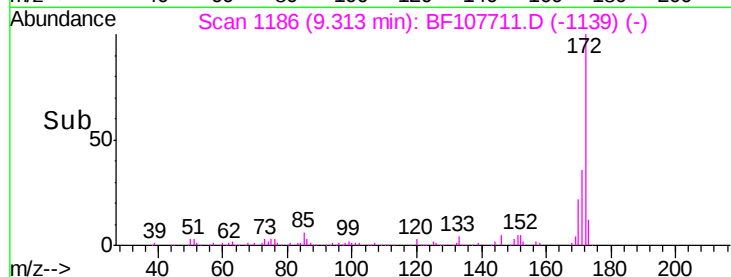
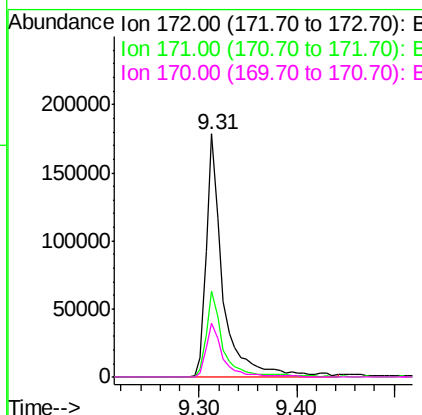
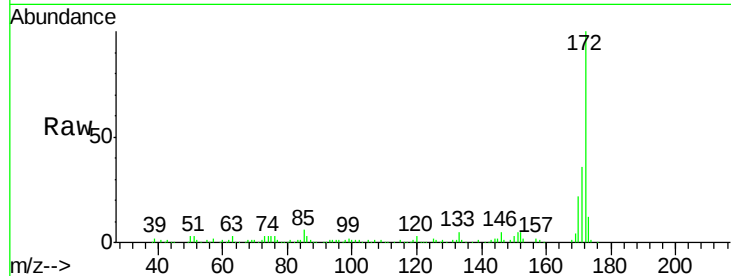
#44
2-Fluorobiphenyl
Concen: 4.848 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107711.D
Acq: 26 Jul 2018 20:27

Instrument :
BNA_F
ClientSampleId :
GW-04(10-12)

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	22.3	19.6	29.4

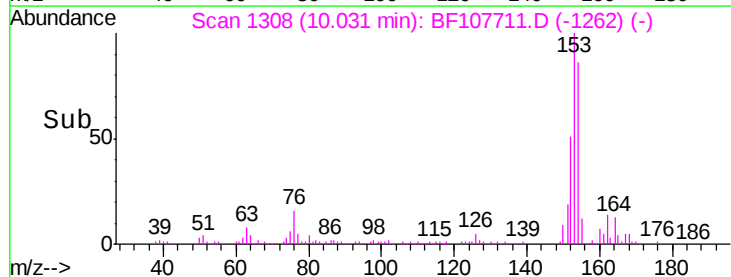
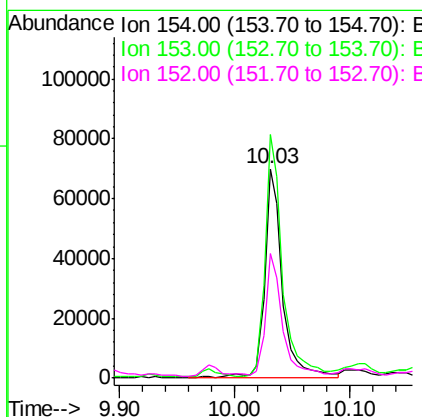
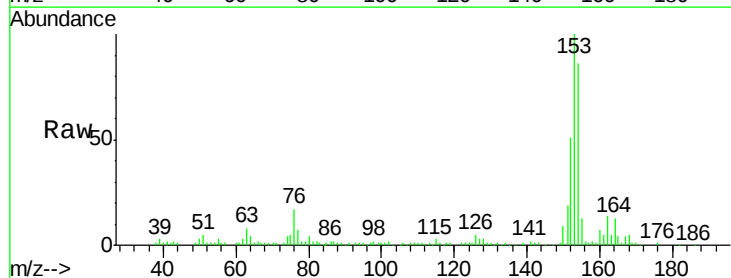
Manual Integrations
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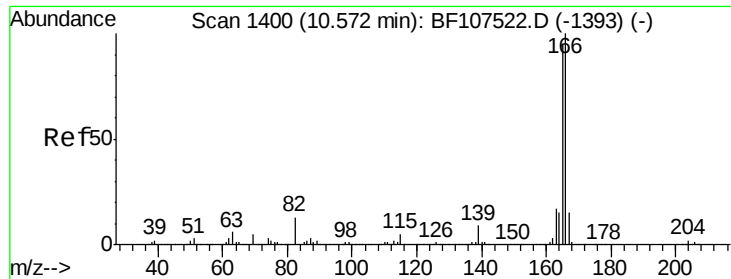
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#51
Acenaphthene
Concen: 3.602 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BF107711.D
Acq: 26 Jul 2018 20:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.4	91.2	136.8
152	59.6	43.8	65.8





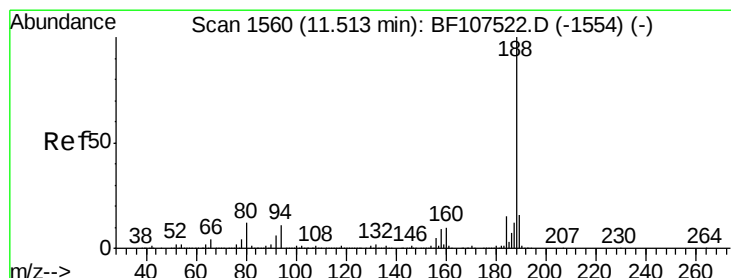
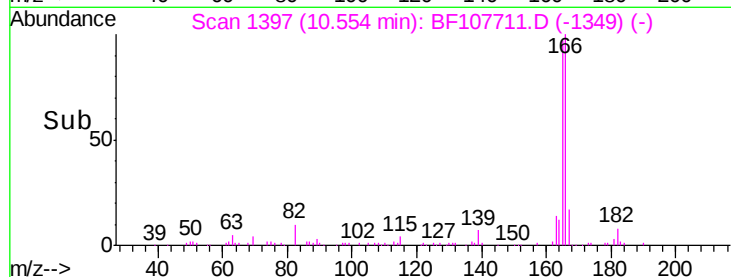
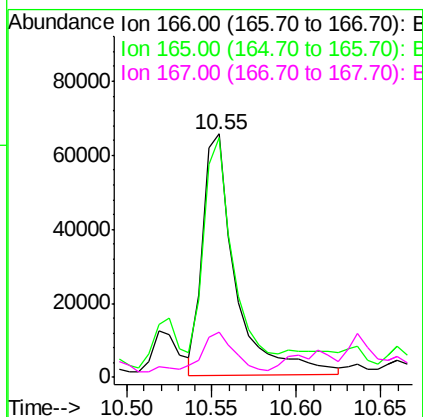
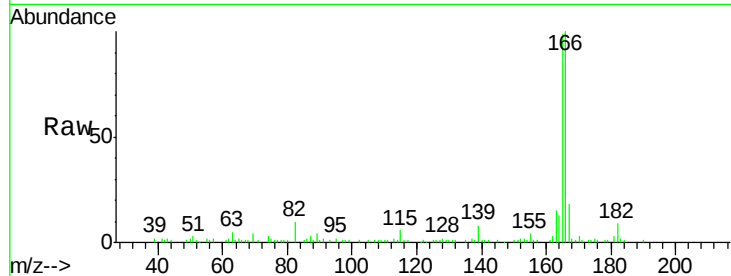
#57
Fluorene
 Concen: 3.992 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF107711.D
 Acq: 26 Jul 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(10-12)

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	18.4	10.6	16.0

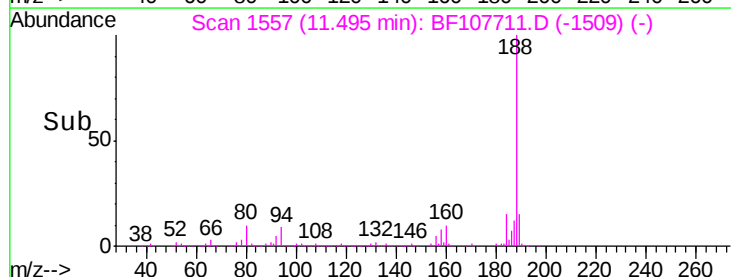
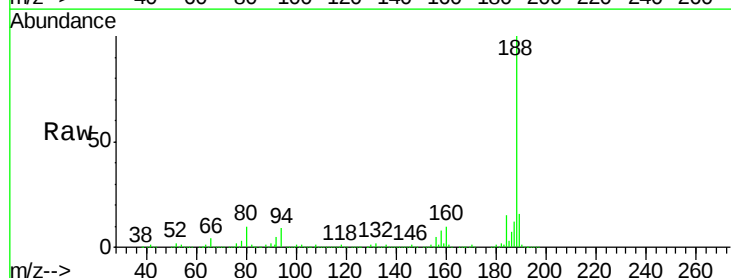
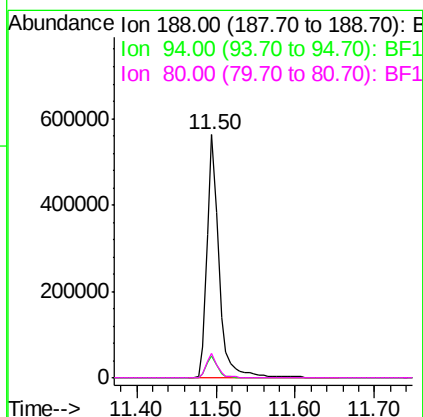
Manual Integrations
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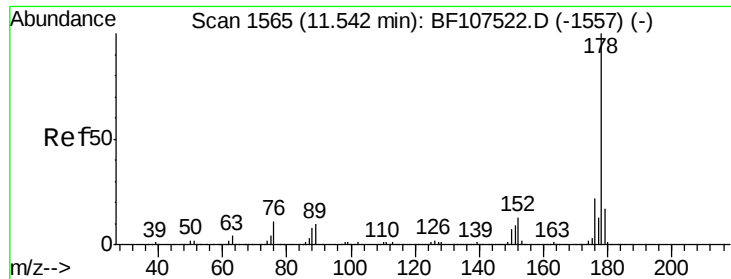
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF107711.D
 Acq: 26 Jul 2018 20:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	10.0	9.2	13.8





#70

Phenanthrene

Concen: 15.585 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BF107711.D

Acq: 26 Jul 2018 20:27

Instrument :

BNA_F

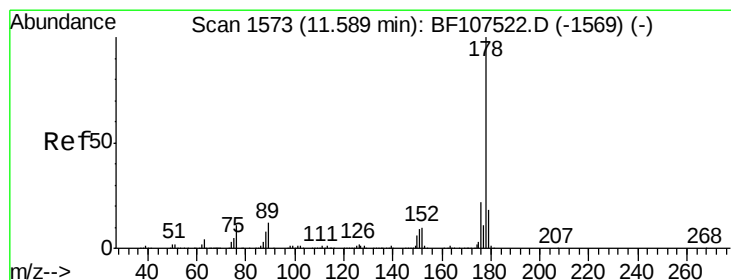
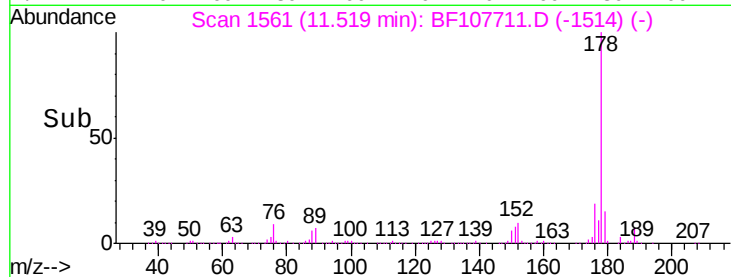
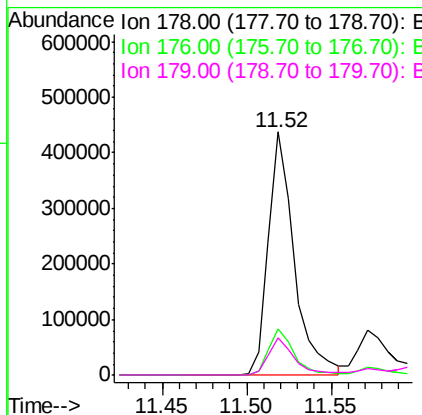
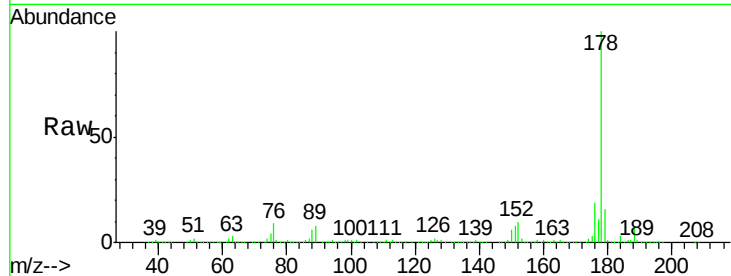
ClientSampleId :

GW-04(10-12)

Tgt Ion:	178	Resp:	460734
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.8	23.8
179	15.6	13.0	19.6

Manual Integrations
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#71

Anthracene

Concen: 4.335 ng

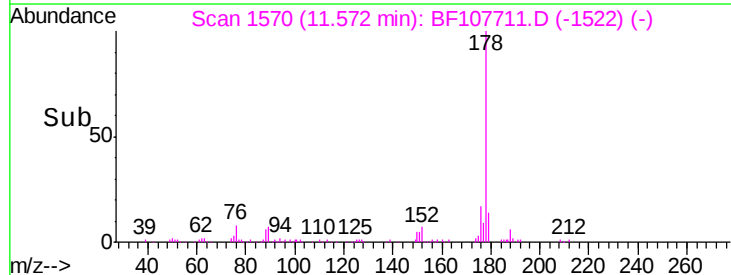
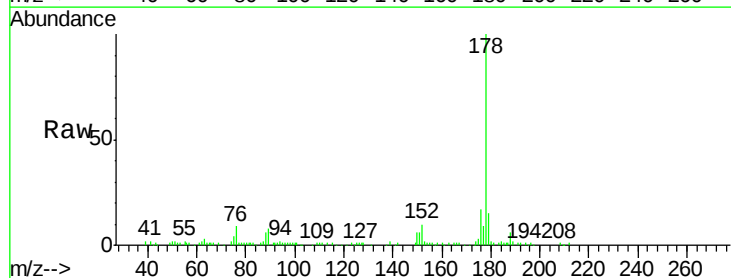
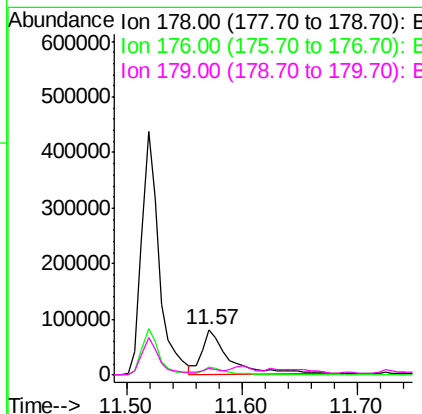
RT: 11.57 min Scan# 1570

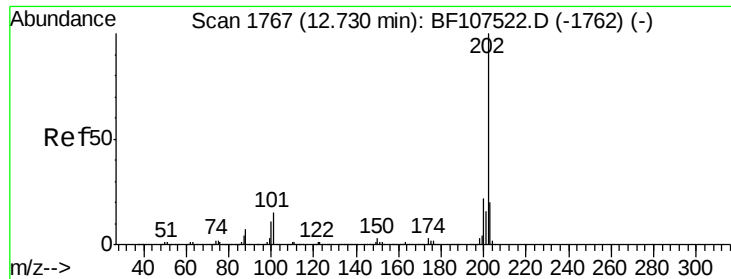
Delta R.T. -0.02 min

Lab File: BF107711.D

Acq: 26 Jul 2018 20:27

Tgt Ion:	178	Resp:	129043
Ion Ratio	Lower	Upper	
178	100		
176	17.2	15.4	23.2
179	15.4	12.6	19.0





#74

Fluoranthene

Concen: 5.267 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF107711.D

Acq: 26 Jul 2018 20:27

Instrument :

BNA_F

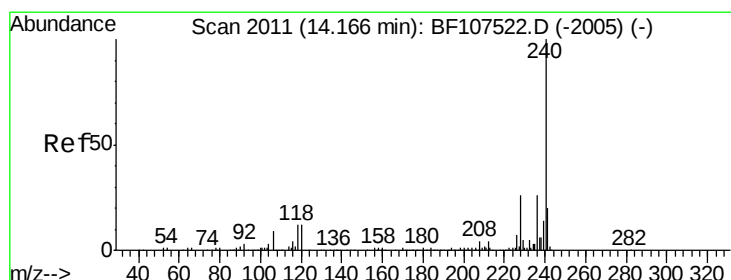
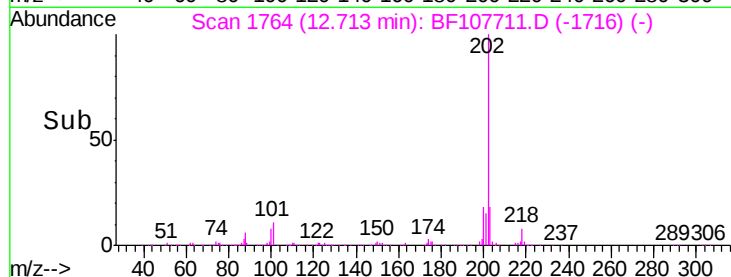
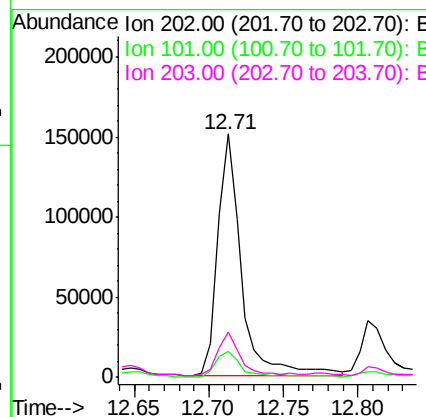
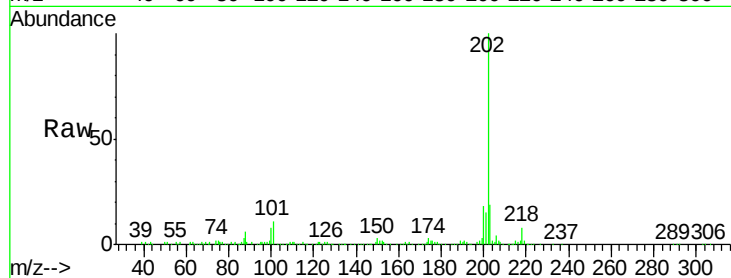
ClientSampleId :

GW-04(10-12)

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		167081		
101	10.9	0.0	34.1		
203	18.7	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.000 ng

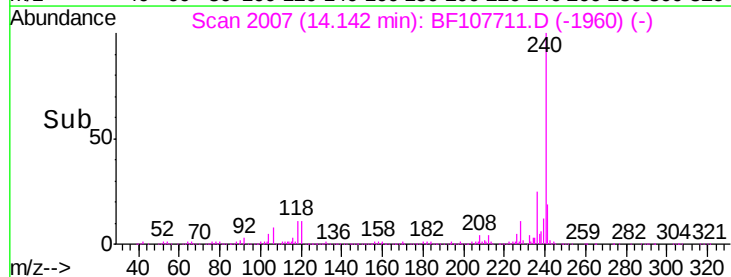
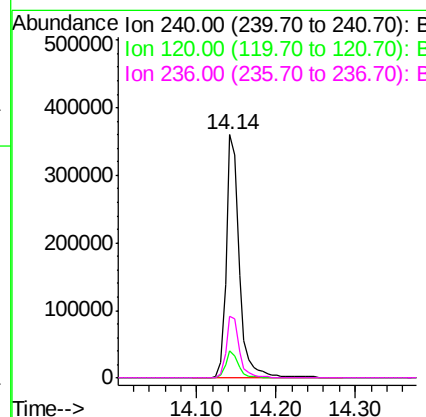
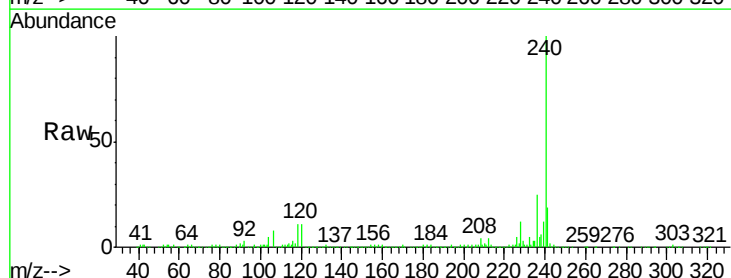
RT: 14.14 min Scan# 2007

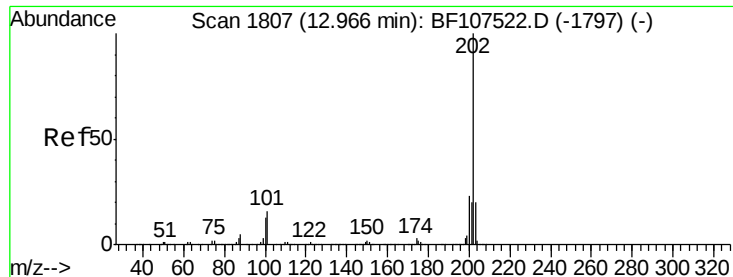
Delta R.T. -0.02 min

Lab File: BF107711.D

Acq: 26 Jul 2018 20:27

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		409511		
120	11.4	9.5	14.3		
236	25.4	20.7	31.1		





#77

Pyrene

Concen: 9.380 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF107711.D

Acq: 26 Jul 2018 20:27

Instrument :

BNA_F

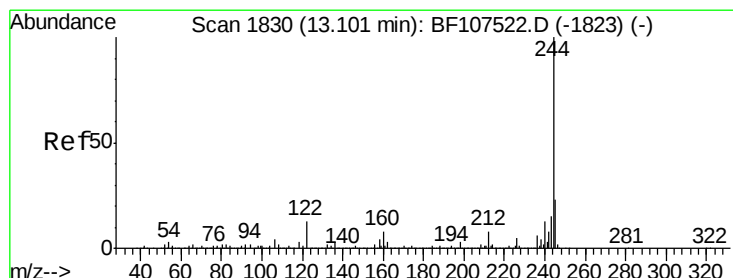
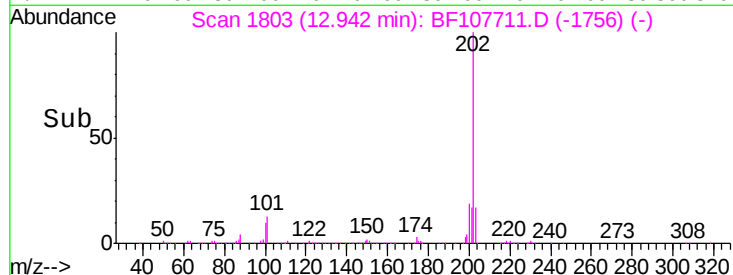
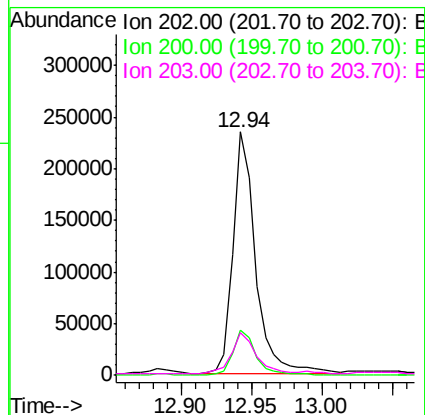
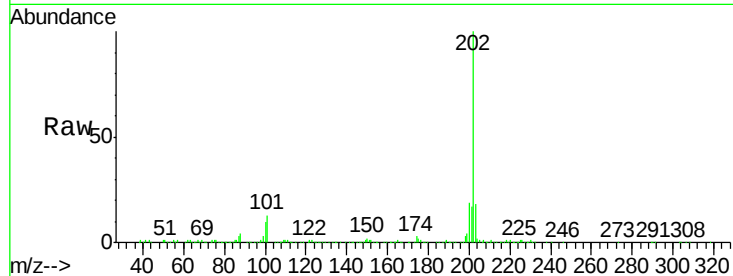
ClientSampleId :

GW-04(10-12)

Tgt	Ion	202	Resp:	262753
Ion	Ratio	Lower	Upper	
202	100			
200	18.8	17.4	26.2	
203	17.7	14.3	21.5	

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#78

Terphenyl-d14

Concen: 11.524 ng

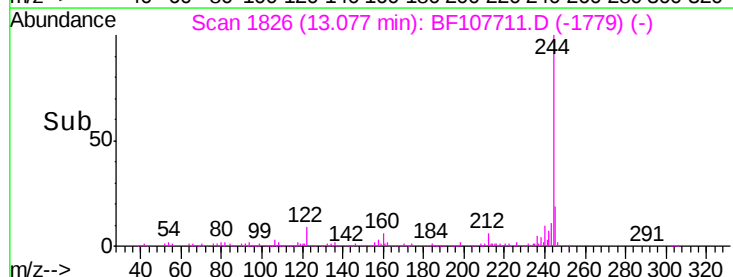
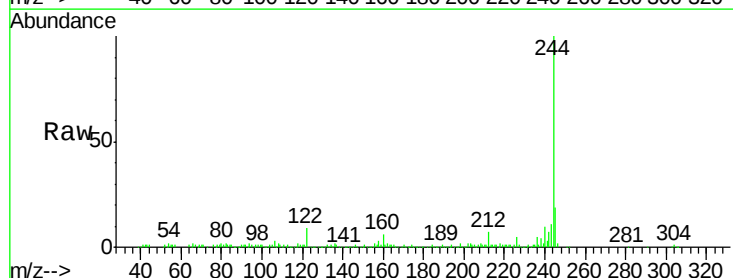
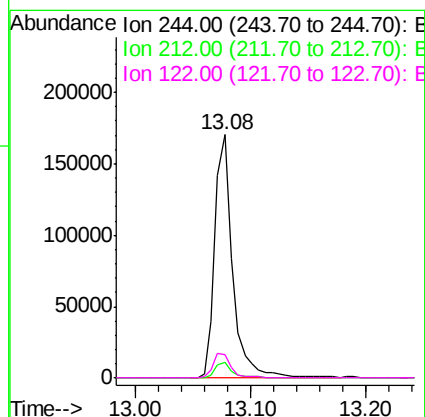
RT: 13.08 min Scan# 1826

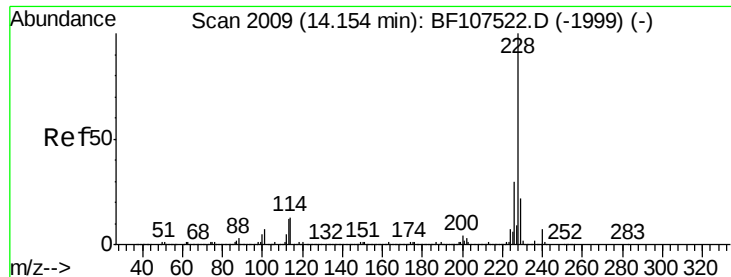
Delta R.T. -0.02 min

Lab File: BF107711.D

Acq: 26 Jul 2018 20:27

Tgt	Ion	244	Resp:	184338
Ion	Ratio	Lower	Upper	
244	100			
212	6.6	5.4	8.0	
122	9.4	11.0	16.4#	





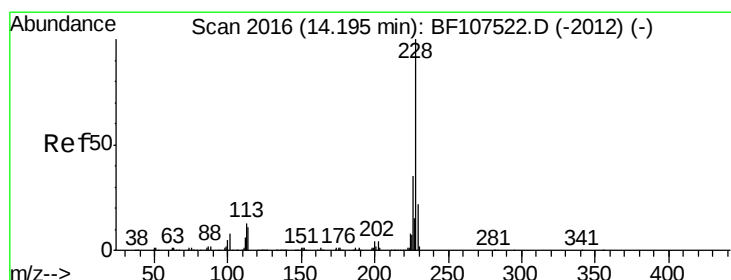
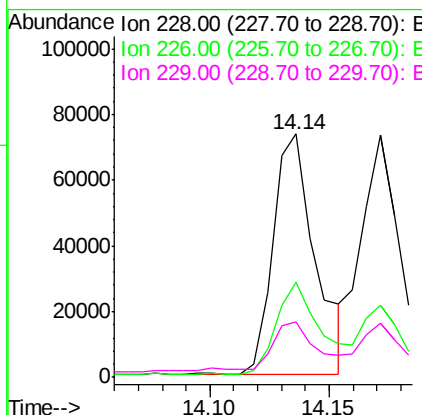
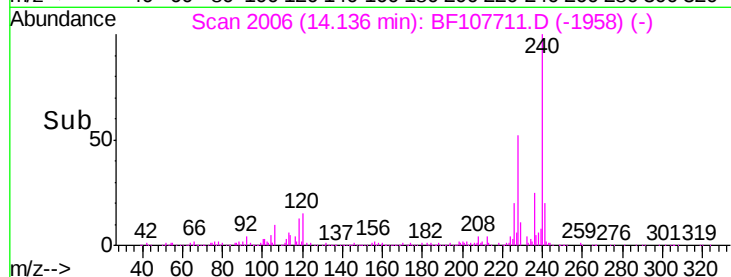
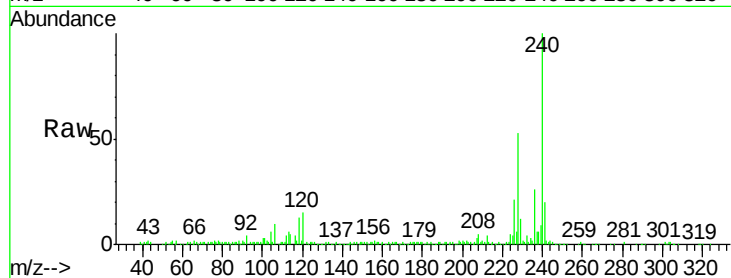
#80
Benzo(a)anthracene
Concen: 3.729 ng m
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107711.D
Acq: 26 Jul 2018 20:27

Instrument :
BNA_F
ClientSampleId :
GW-04(10-12)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.0	22.6	33.8#
229	22.8	15.8	23.6

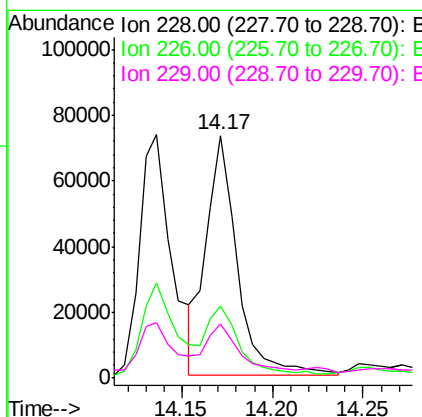
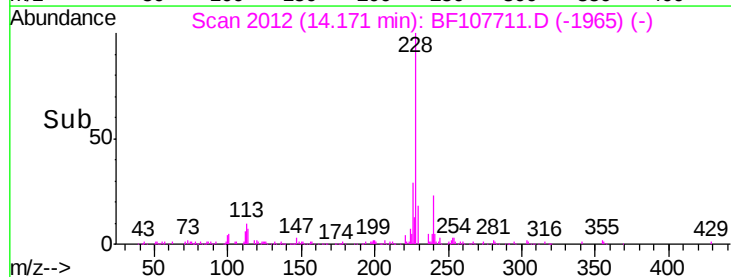
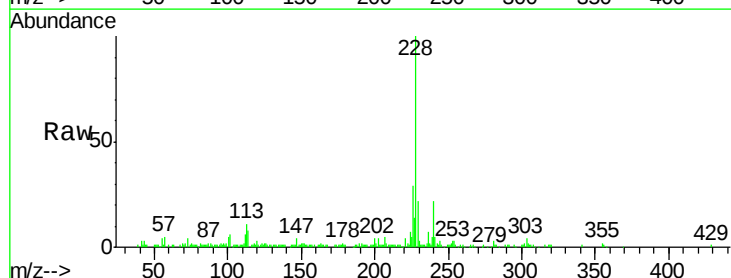
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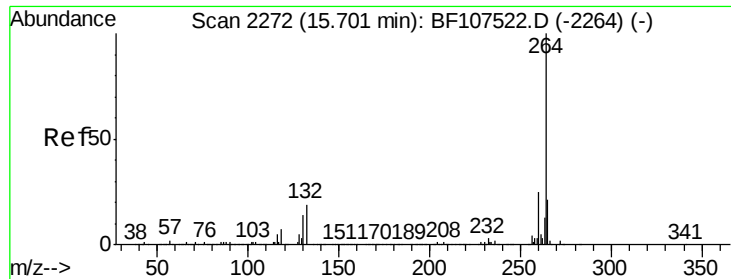
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#82
Chrysene
Concen: 3.796 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107711.D
Acq: 26 Jul 2018 20:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	22.3	16.2	24.4





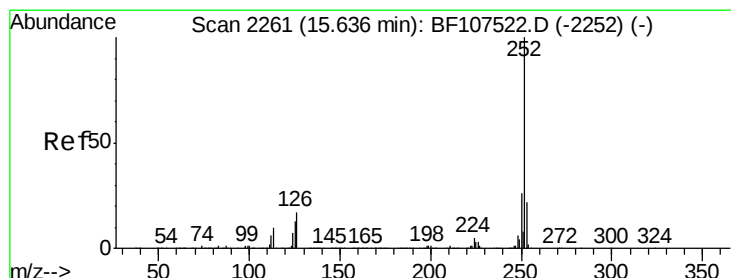
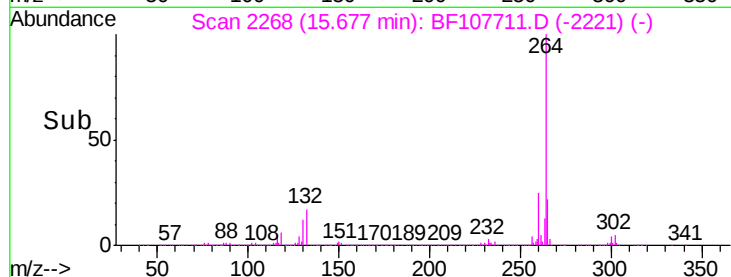
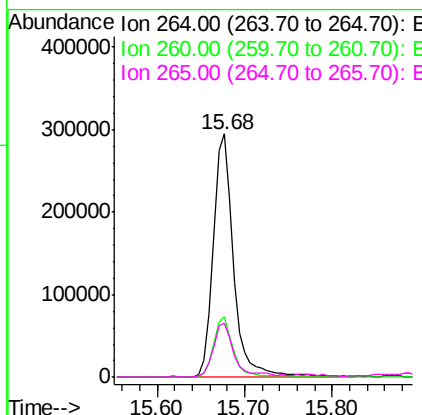
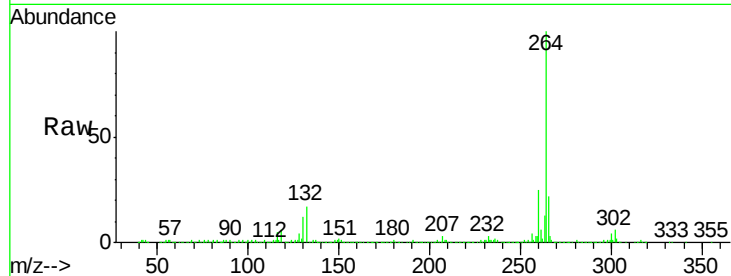
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107711.D
Acq: 26 Jul 2018 20:27

Instrument :
BNA_F
ClientSampleId :
GW-04(10-12)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.3	17.5	26.3

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#89
Benzo(a)pyrene
Concen: 2.581 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.03 min
Lab File: BF107711.D
Acq: 26 Jul 2018 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.4	9.8	14.6

