

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107920.D
 Acq On : 2 Aug 2018 20:12
 Operator : JU/SJ
 Sample : J4285-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-1

Manual Integrations
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 8/3/2018 12:53:31 PM

Quant Time: Aug 03 03:54:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	127194	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	514240	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	186195	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	344520	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	359119	20.00	ng	-0.01
86) Perylene-d12	15.68	264	298371	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	750429	100.27	ng	0.00
7) Phenol-d6	6.60	99	943375	95.64	ng	0.00
23) Nitrobenzene-d5	7.52	82	589827	66.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	195988	77.47	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	880264	65.88	ng	-0.01
78) Terphenyl-d14	13.07	244	804958	48.60	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	152471	10.904	ng	99
59) Diethylphthalate	10.40	149	71276	4.741	ng	98
70) Phenanthrene	11.51	178	150600	9.206	ng	98
71) Anthracene	11.57	178	57415	3.043	ng	96
74) Fluoranthene	12.71	202	297030	15.455	ng	95
77) Pyrene	12.94	202	259180	10.023	ng	97
80) Benzo(a)anthracene	14.13	228	141030	6.933	ng	97
82) Chrysene	14.17	228	138339	6.305	ng	96
85) Indeno(1,2,3-cd)pyrene	17.26	276	45822	2.746	ng	# 81
87) Benzo(b)fluoranthene	15.22	252	107145m	7.281	ng	
88) Benzo(k)fluoranthene	15.24	252	75203m	4.162	ng	
89) Benzo(a)pyrene	15.61	252	91002	5.990	ng	96
91) Benzo(a,h,i)perylene	17.74	276	39257	3.062	ng	93

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

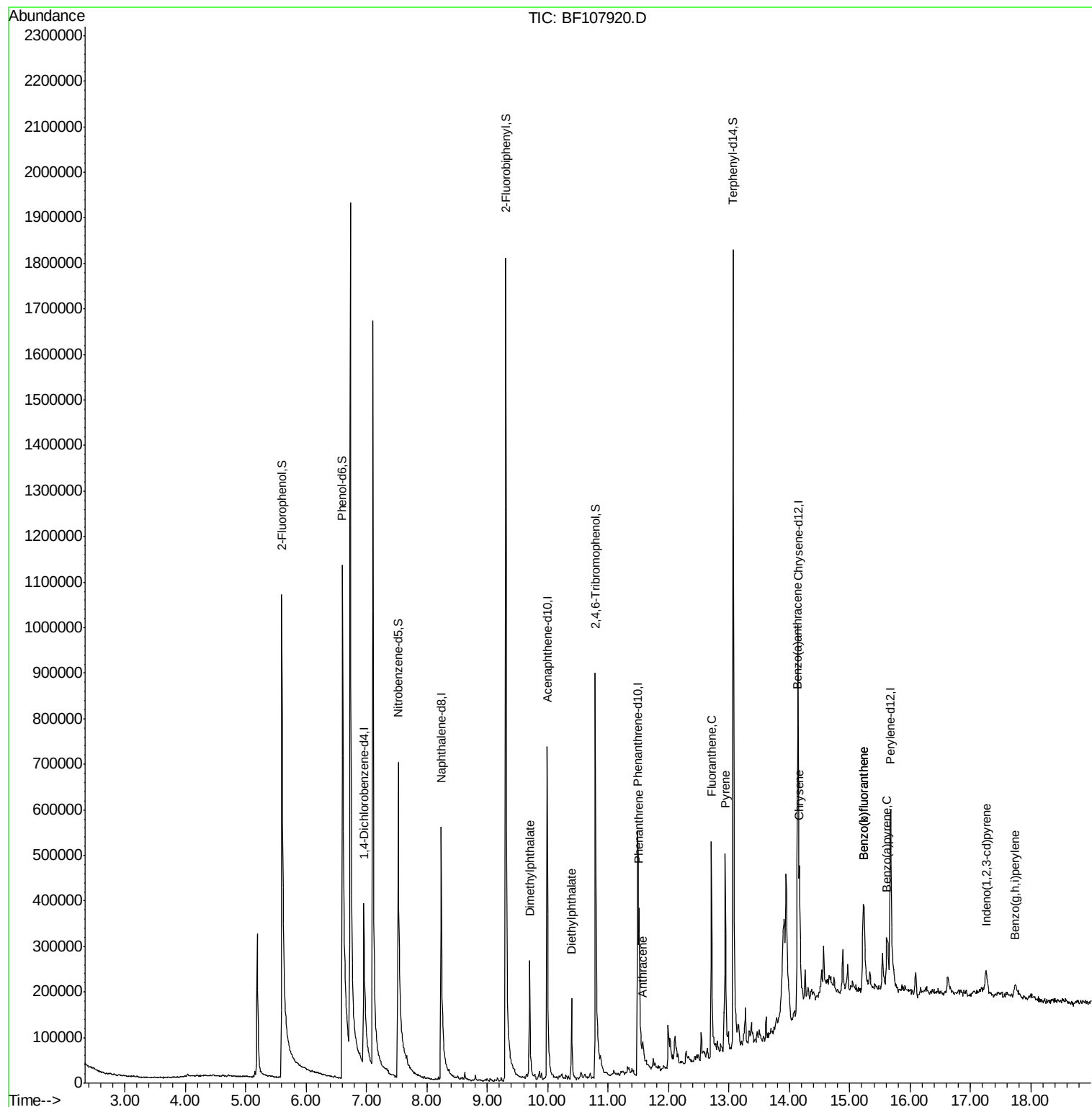
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107920.D
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Sample : J4285-01
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ALS Vial : 16 Sample Multiplier: 1

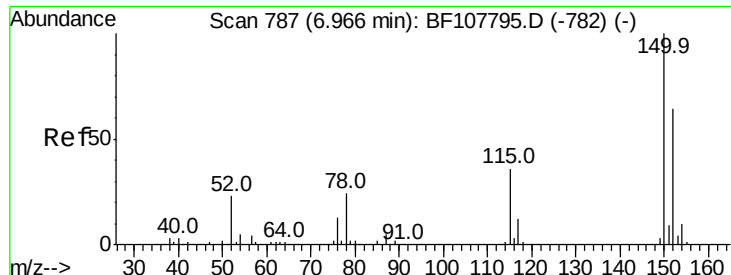
Instrument :
BNA_F
ClientSampled :
KG-PIT-1

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Quant Time: Aug 03 03:54:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

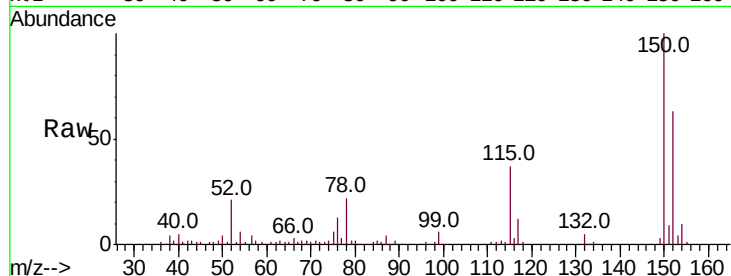
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107920.D
Acq: 2 Aug 2018 20:12

Instrument :
BNA_F
ClientSampled :
KG-PIT-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	58.5	50.1	75.1

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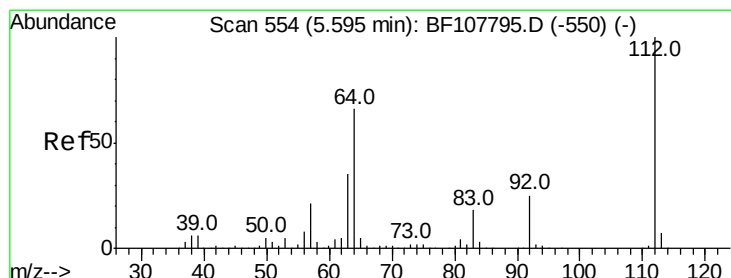
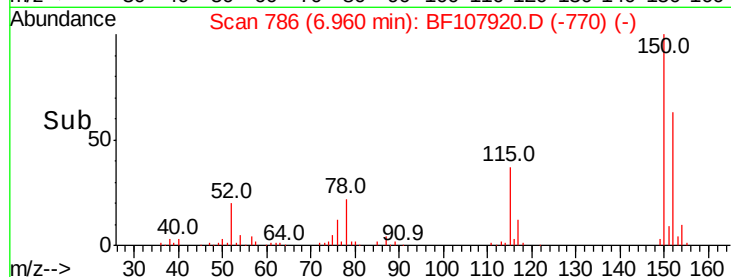
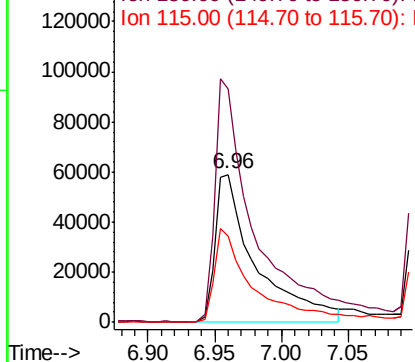


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

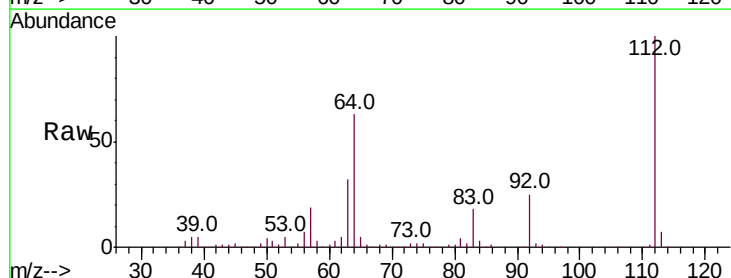
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.271 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107920.D
Acq: 2 Aug 2018 20:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	47.9	71.9
63	31.9	23.7	35.5

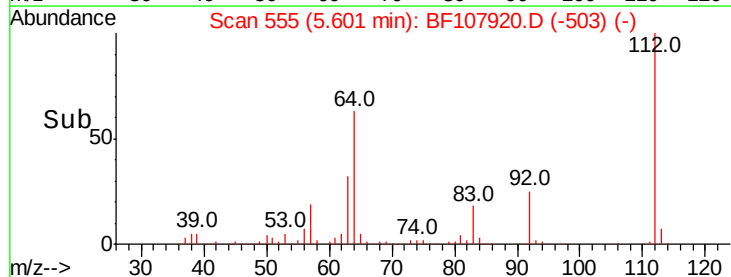
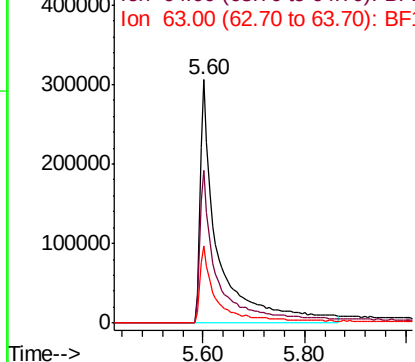


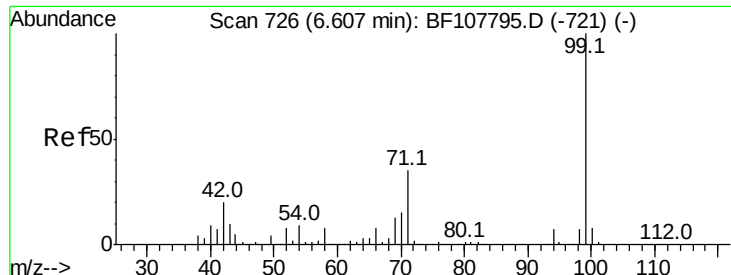
Abundance

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: 95.643 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107920.D

Acq: 2 Aug 2018 20:12

Instrument :

BNA_F

ClientSampled :

KG-PIT-1

Tot Ion: 99 Resp: 943375

Ion Ratio Lower Upper

99 100

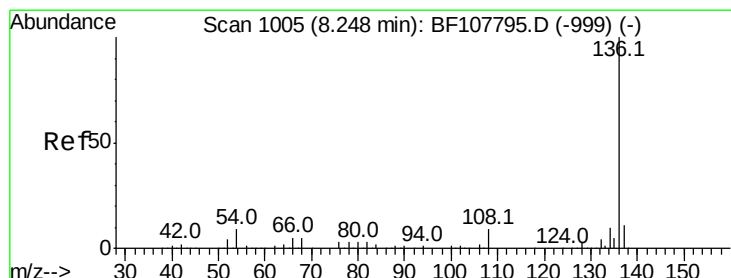
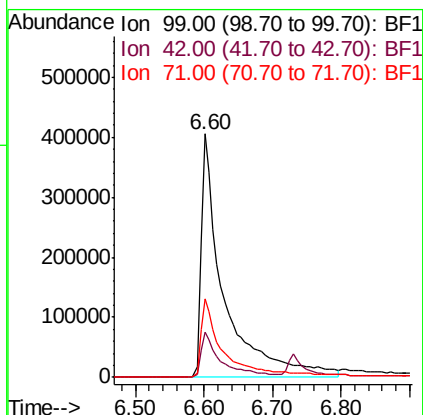
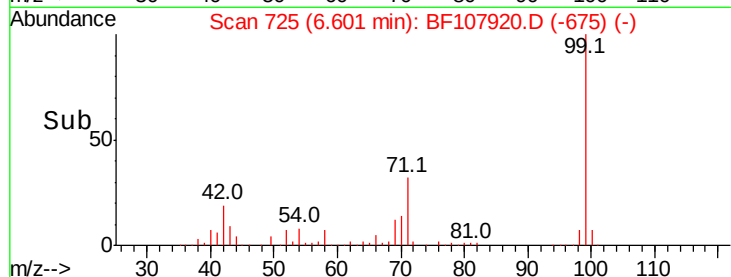
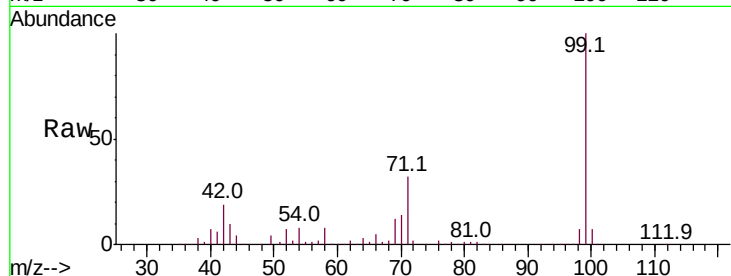
42 18.6 14.5 21.7

71 32.3 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107920.D

Acq: 2 Aug 2018 20:12

Tgt Ion: 136 Resp: 514240

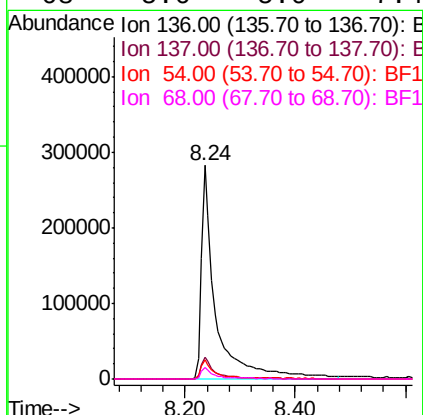
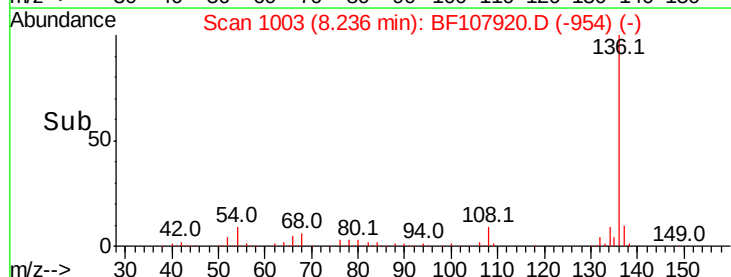
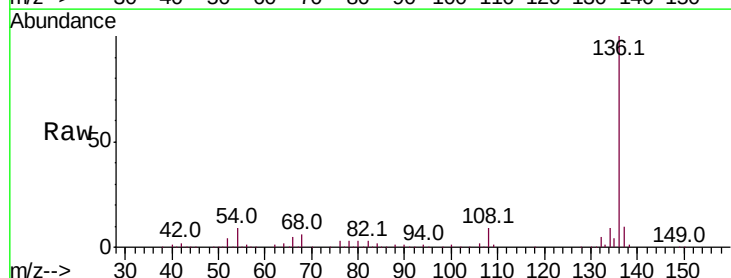
Ion Ratio Lower Upper

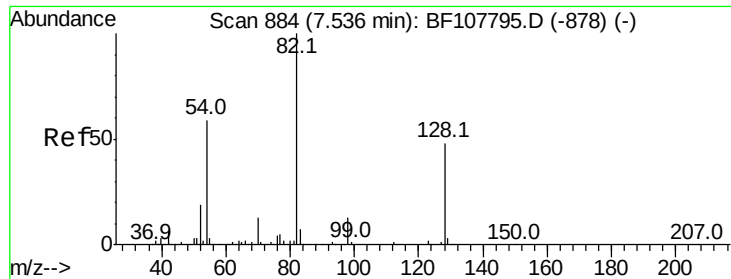
136 100

137 10.4 8.9 13.3

54 9.0 6.6 9.8

68 5.6 5.0 7.4





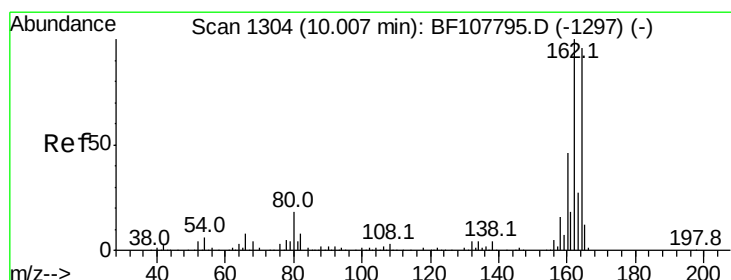
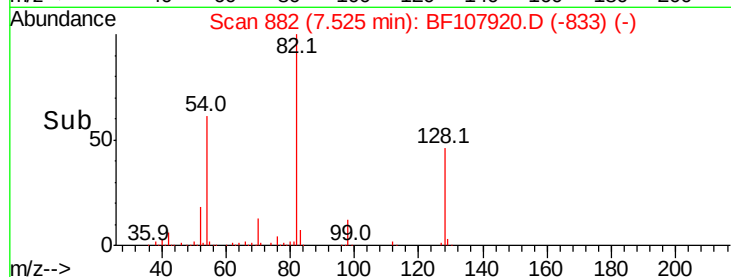
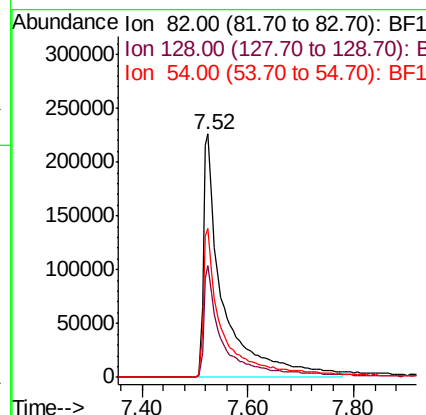
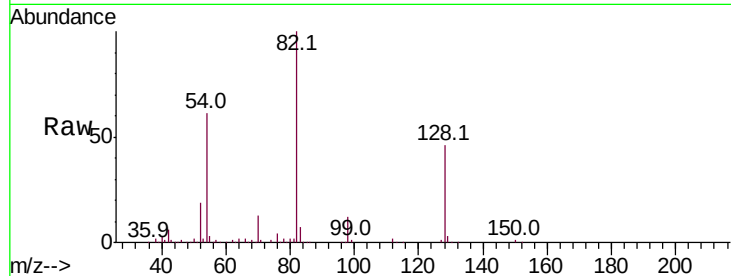
#23
 Nitrobenzene-d5
 Concen: 66.078 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107920.D
 Acq: 2 Aug 2018 20:12

Instrument :
 BNA_F
 ClientSampled :
 KG-PIT-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	61.2	41.4	62.2

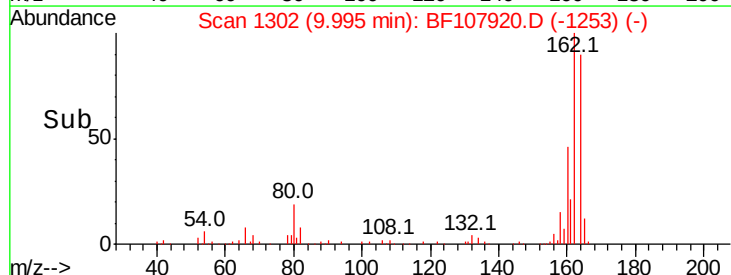
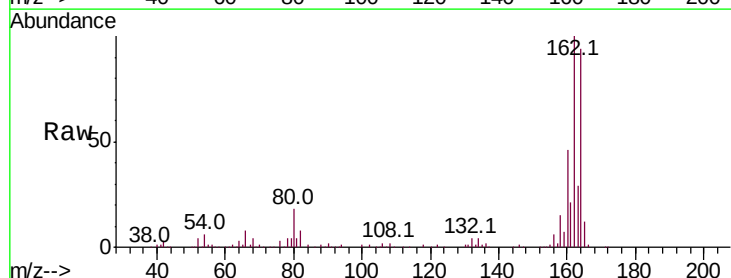
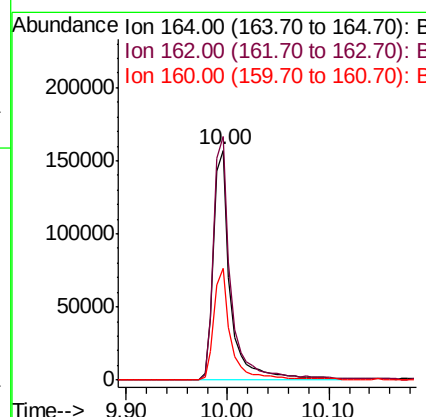
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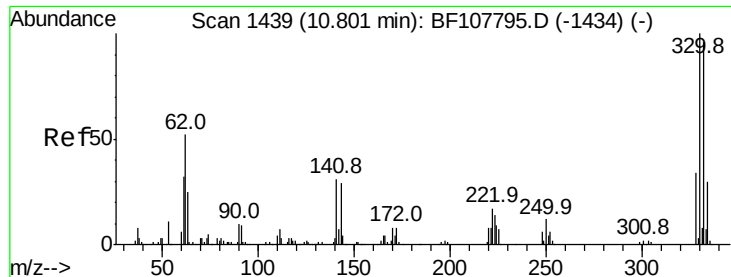
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107920.D
 Acq: 2 Aug 2018 20:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	48.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 77.465 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107920.D

Acq: 2 Aug 2018 20:12

Instrument :

BNA_F

ClientSampled :

KG-PIT-1

Tot Ion:330 Resp: 195988

Ion Ratio Lower Upper

330 100

332 92.4 77.0 115.6

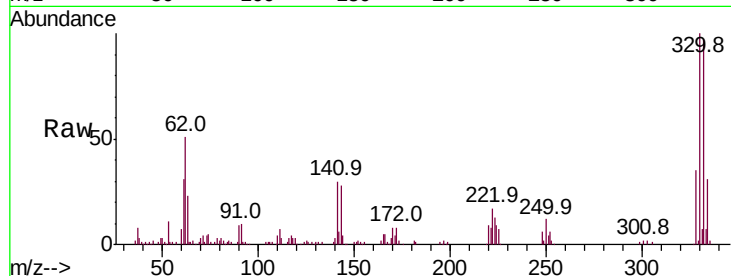
141 29.5 29.9 44.9#

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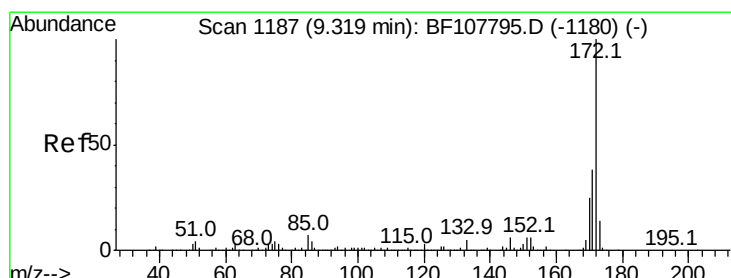
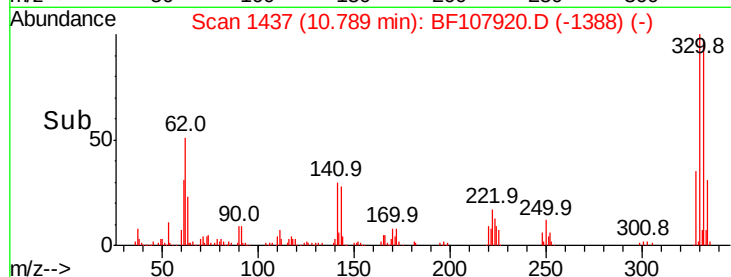
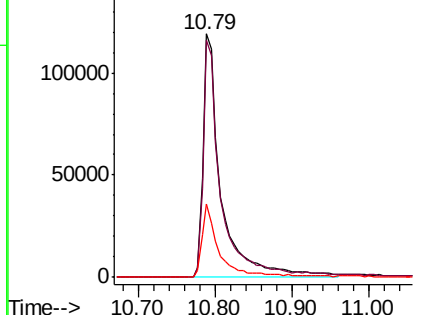
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 65.879 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF107920.D

Acq: 2 Aug 2018 20:12

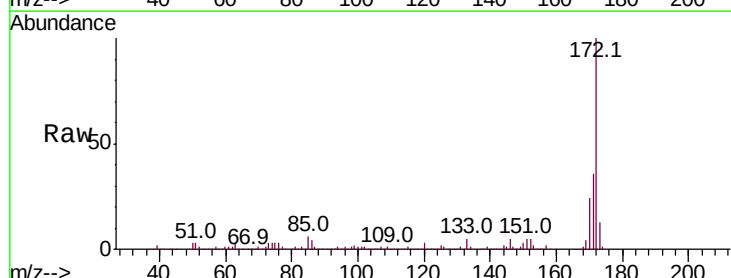
Tgt Ion:172 Resp: 880264

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

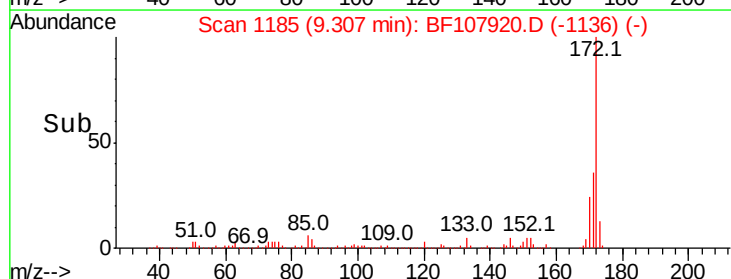
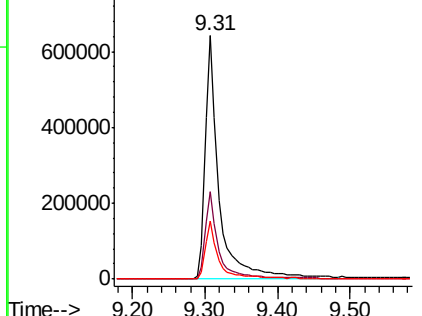
170 23.7 19.6 29.4

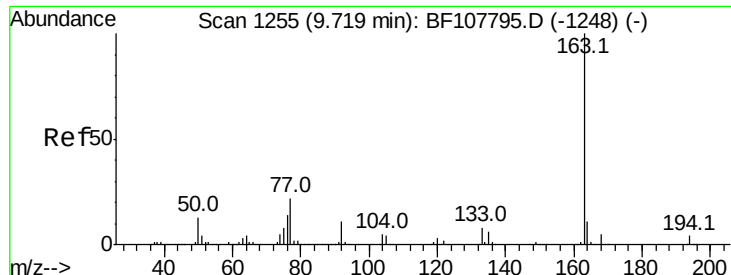


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





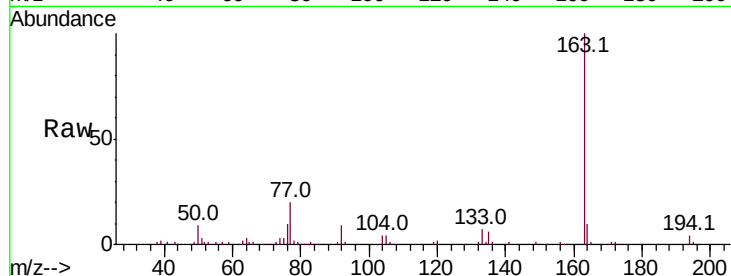
#49
Dimethylphthalate
Concen: 10.904 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107920.D
Acq: 2 Aug 2018 20:12

Instrument :
BNA_F
ClientSampleId :
KG-PIT-1

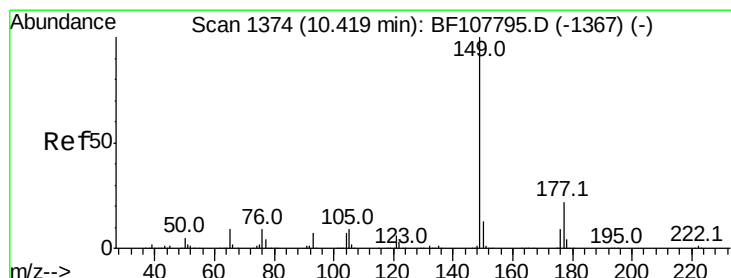
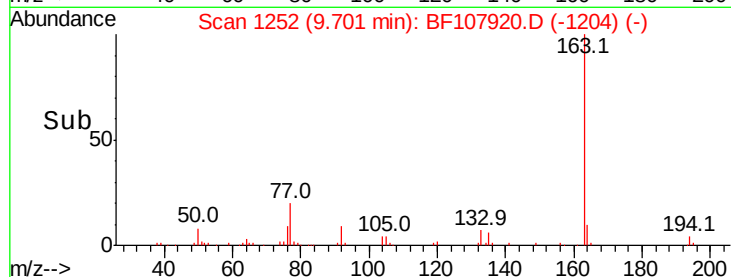
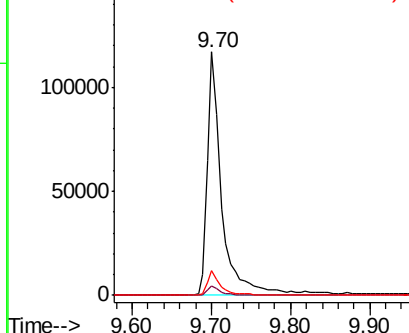
Tot Ion	Ratio	Resp	Lower	Upper
163	100	152471		
194	3.8	2.7	4.1	
164	10.3	8.2	12.2	

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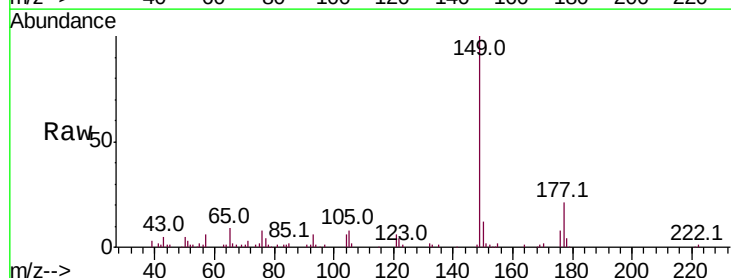


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

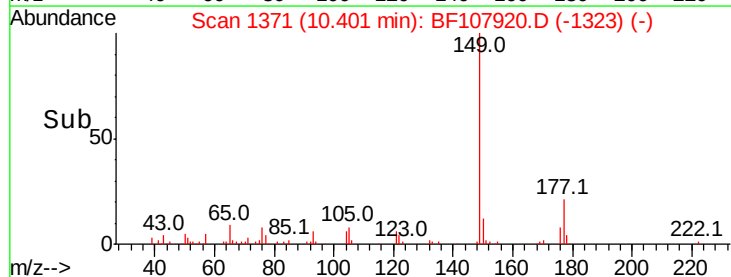
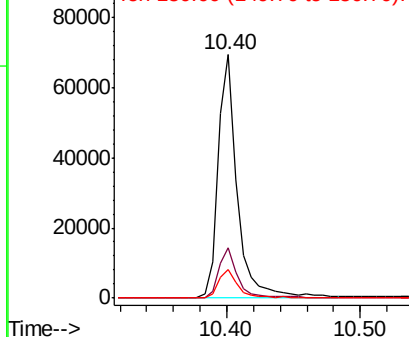


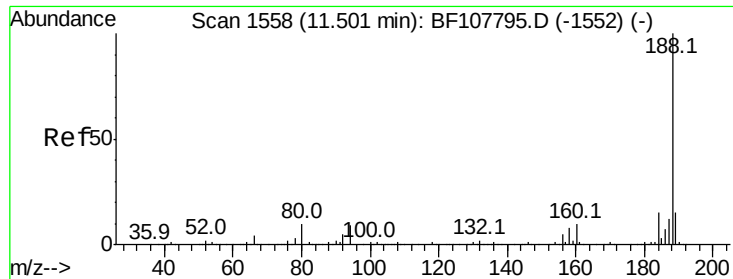
#59
Diethylphthalate
Concen: 4.741 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107920.D
Acq: 2 Aug 2018 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	71276		
177	20.7	16.1	24.1	
150	11.8	10.1	15.1	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





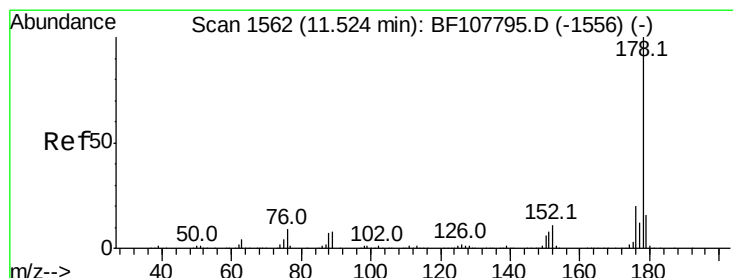
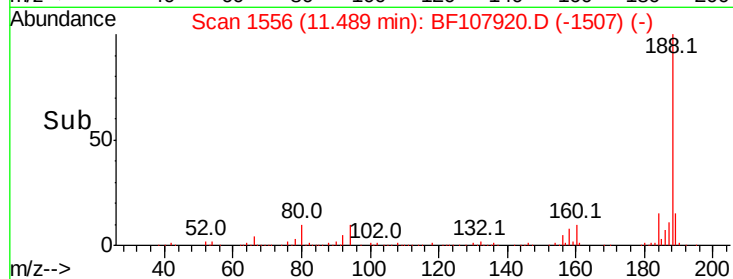
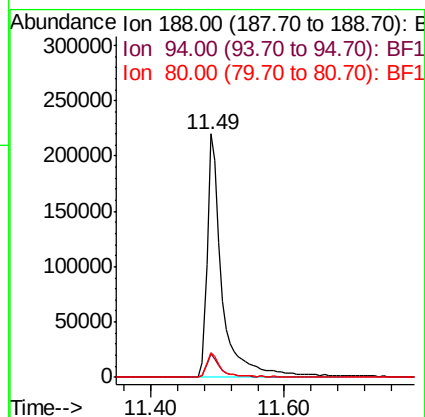
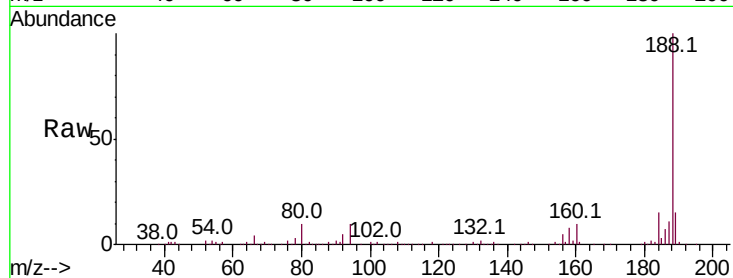
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107920.D
Acq: 2 Aug 2018 20:12

Instrument :
BNA_F
ClientSampled :
KG-PIT-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.2	9.2	13.8

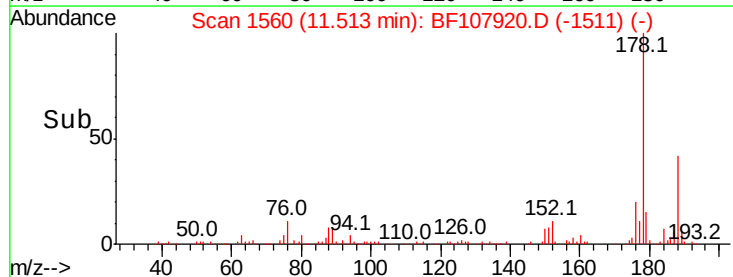
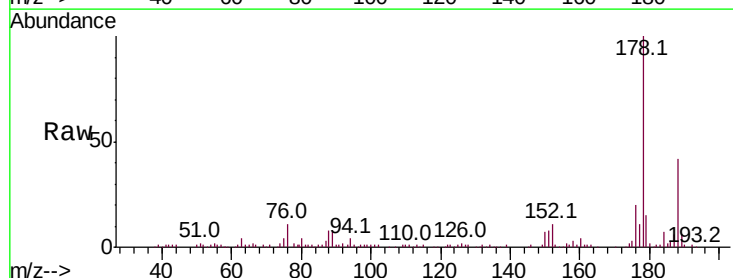
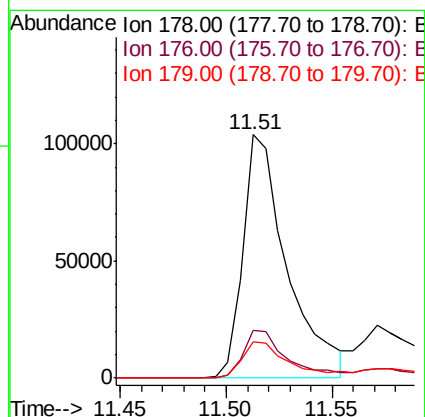
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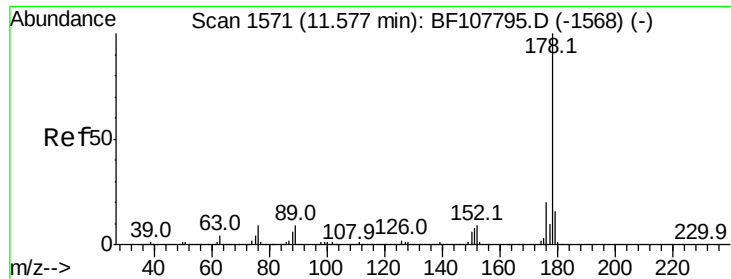
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#70
Phenanthrene
Concen: 9.206 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107920.D
Acq: 2 Aug 2018 20:12

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.5	15.8	23.8
179	14.9	13.0	19.6





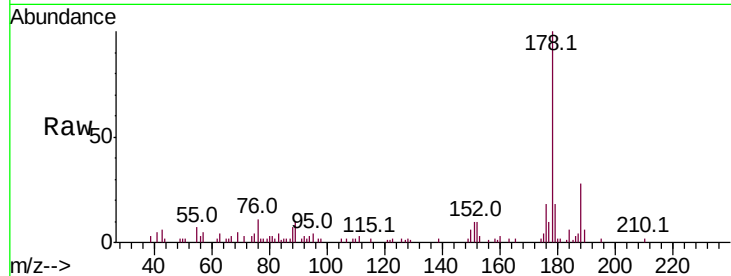
#71
 Anthracene
 Concen: 3.043 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF107920.D
 Acq: 2 Aug 2018 20:12

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-1

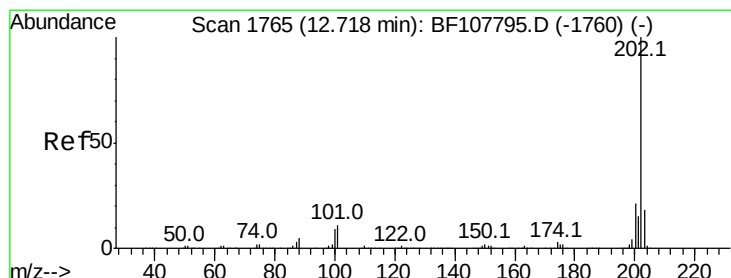
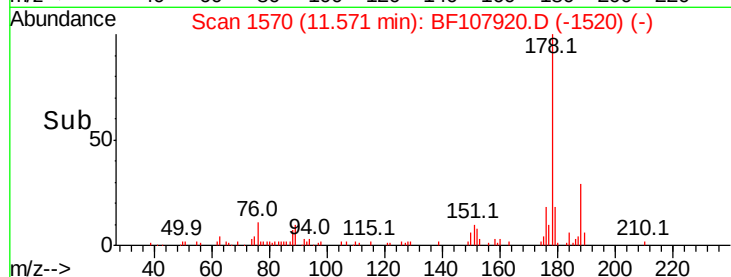
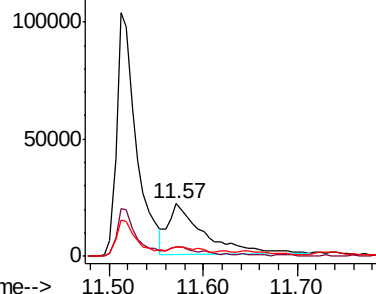
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	17.7	12.6	19.0

Manual Integrations
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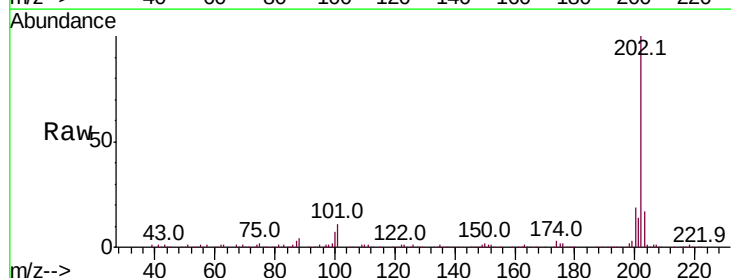


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

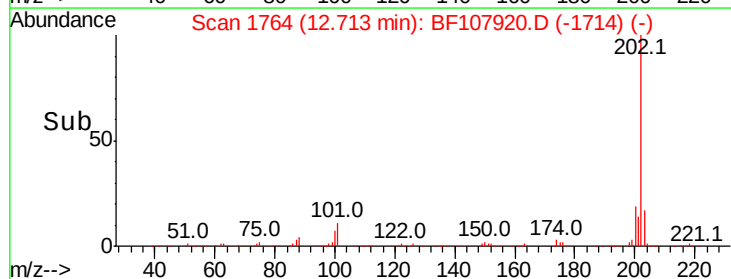
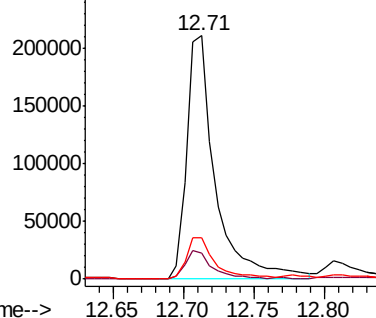


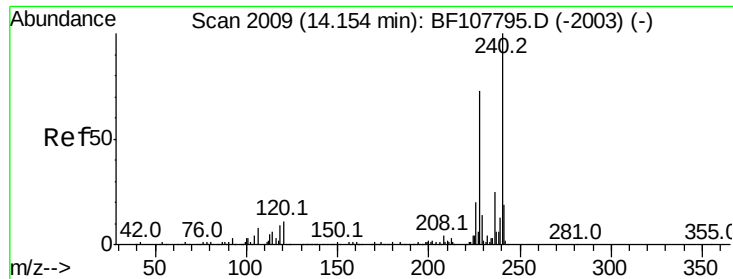
#74
 Fluoranthene
 Concen: 15.455 ng
 RT: 12.71 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF107920.D
 Acq: 2 Aug 2018 20:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	17.1	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107920.D

Acq: 2 Aug 2018 20:12

Instrument :

BNA_F

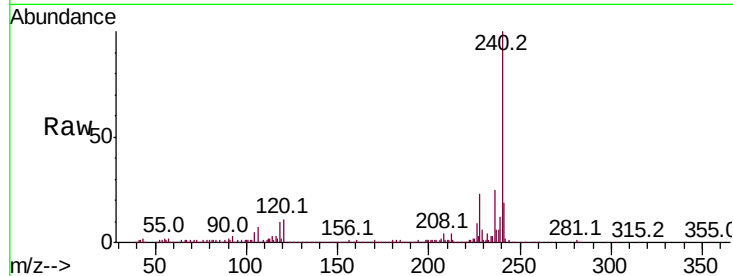
ClientSampleId :

KG-PIT-1

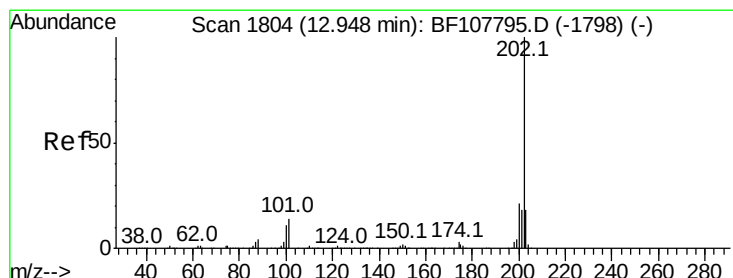
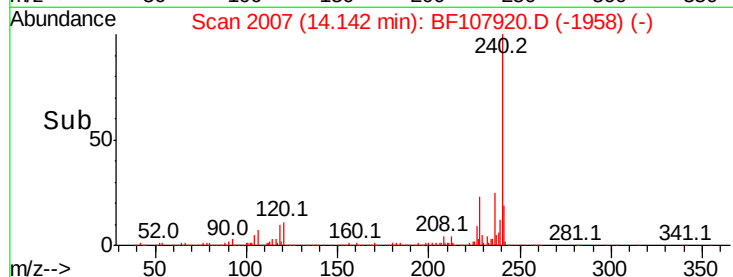
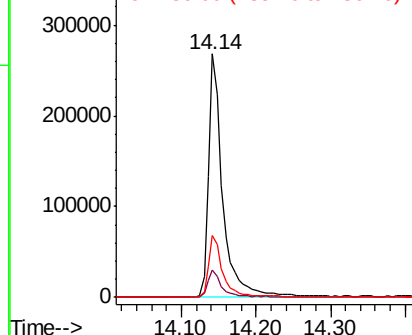
Tot Ion:	240	Resp:	359119
Ion Ratio		Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.2	20.7	31.1

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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: 10.023 ng

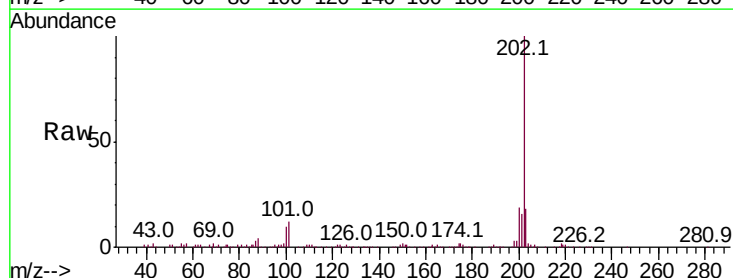
RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

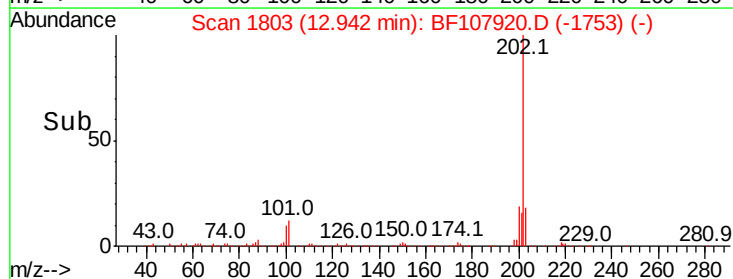
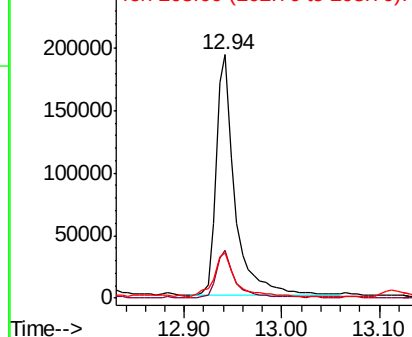
Lab File: BF107920.D

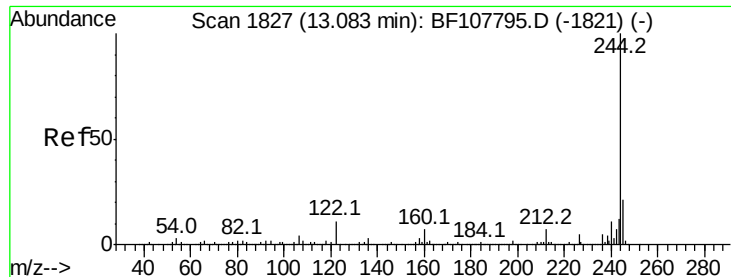
Acq: 2 Aug 2018 20:12

Tgt Ion:	202	Resp:	259180
Ion Ratio		Lower	Upper
202	100		
200	19.4	17.4	26.2
203	18.4	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: 48.605 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107920.D

Acq: 2 Aug 2018 20:12

Instrument :

BNA_F

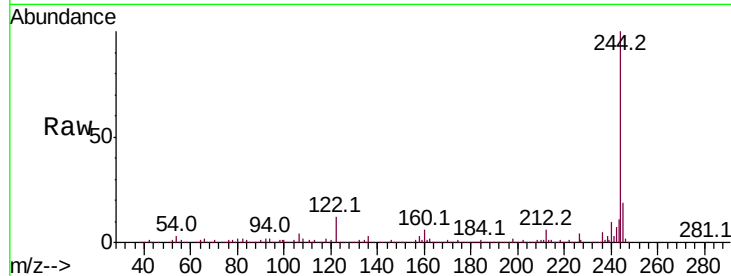
ClientSampleId :

KG-PIT-1

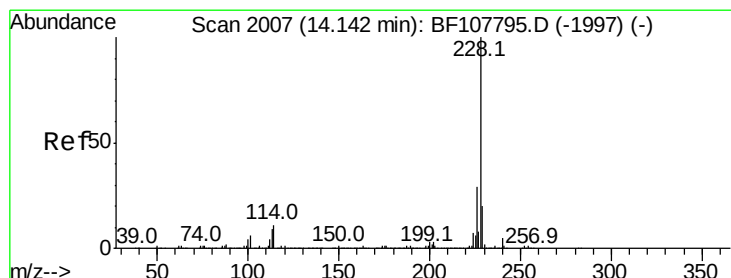
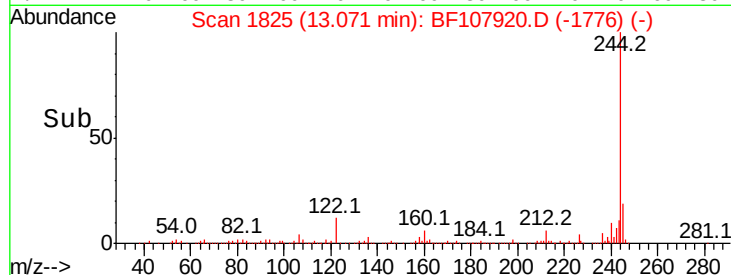
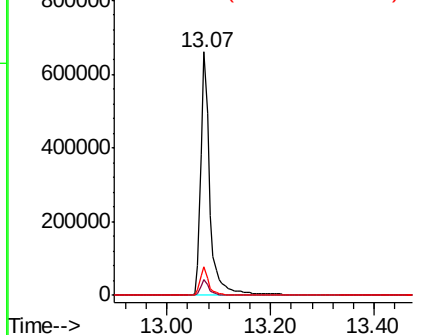
Tot Ion:	244	Resp:	804958
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	11.5	11.0	16.4

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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



#80

Benzo(a)anthracene

Concen: 6.933 ng

RT: 14.13 min Scan# 2005

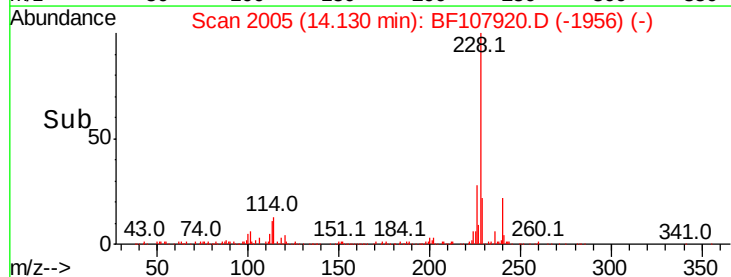
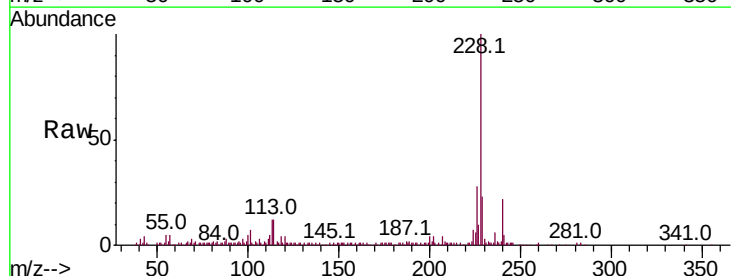
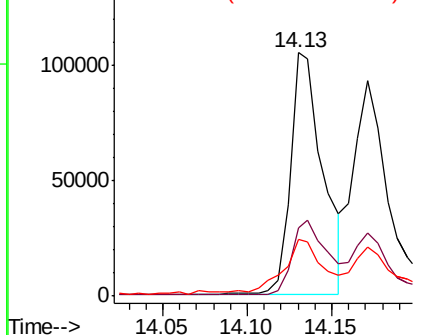
Delta R.T. -0.01 min

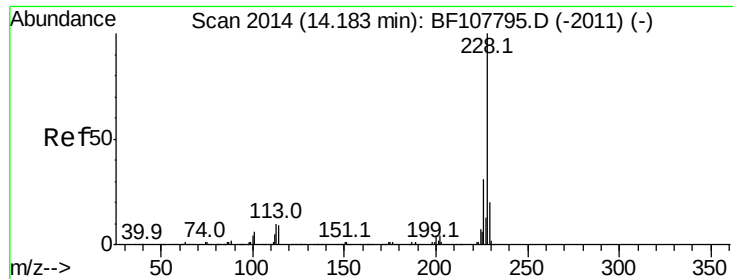
Lab File: BF107920.D

Acq: 2 Aug 2018 20:12

Tgt Ion:	228	Resp:	141030
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	23.2	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





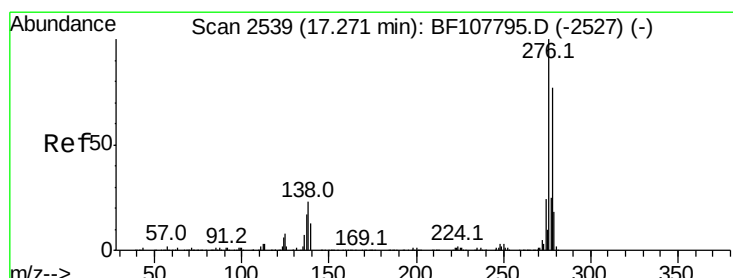
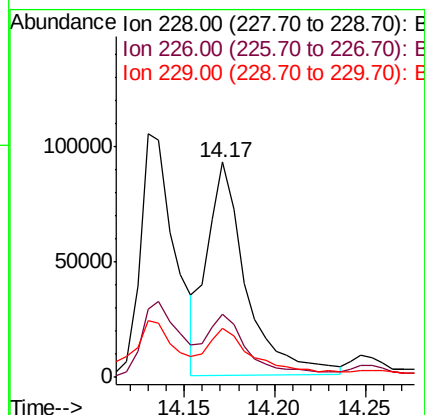
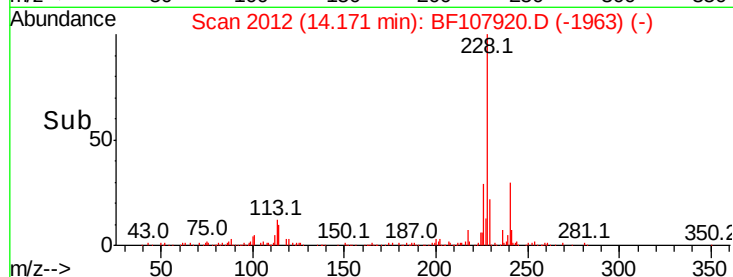
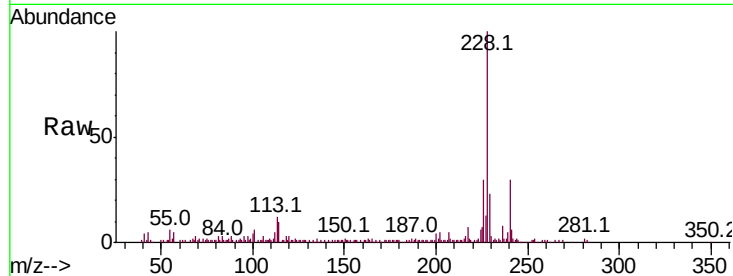
#82
Chrysene
Concen: 6.305 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF107920.D
Acq: 2 Aug 2018 20:12

Instrument :
BNA_F
ClientSampled :
KG-PIT-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	22.6	16.2	24.4

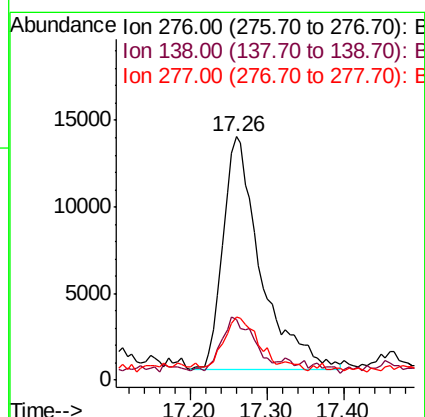
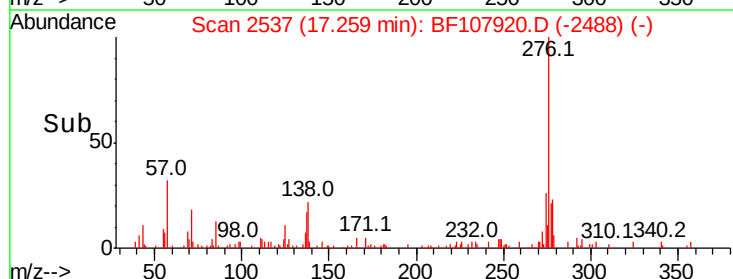
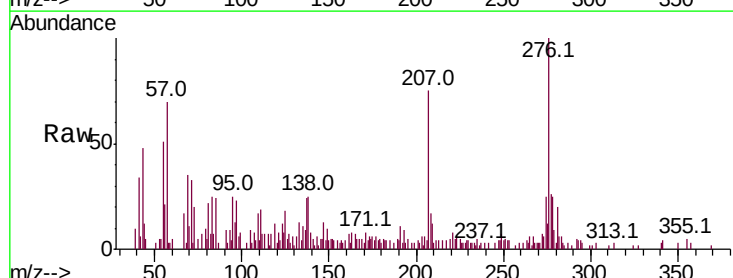
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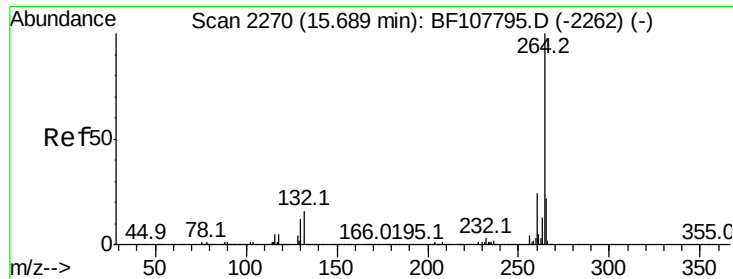
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.746 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF107920.D
Acq: 2 Aug 2018 20:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	25.0	37.6#
277	17.9	20.1	30.1#





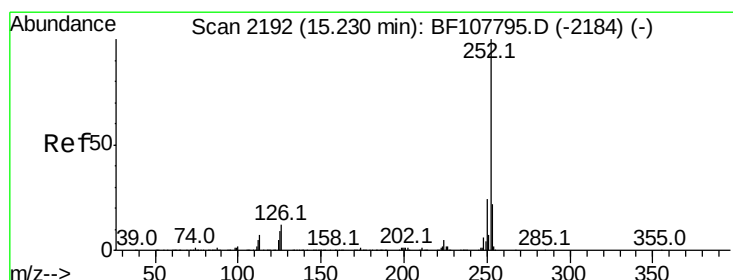
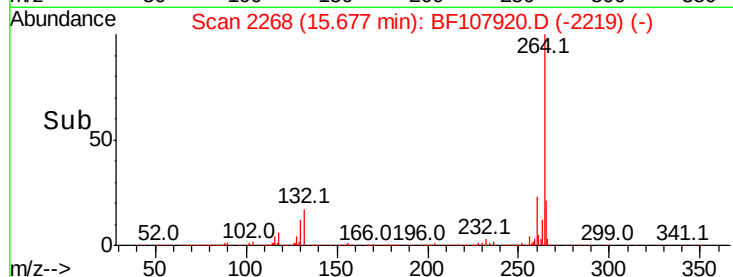
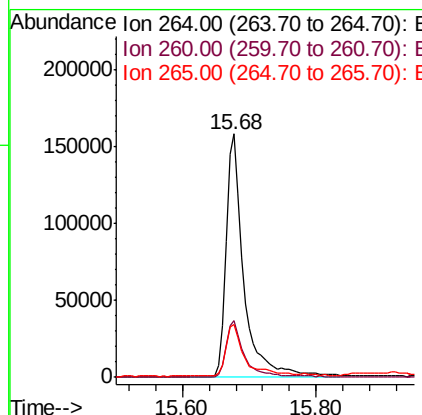
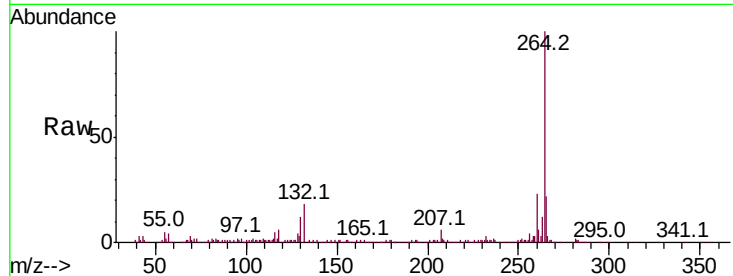
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF107920.D
 Acq: 2 Aug 2018 20:12

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.5	26.3

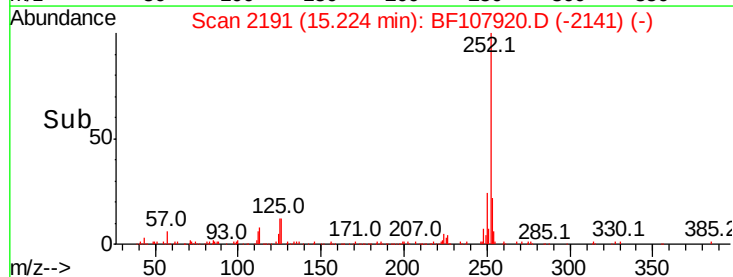
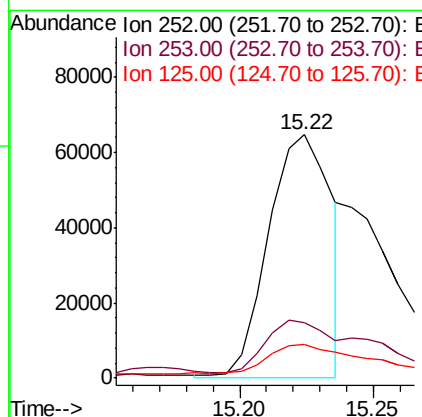
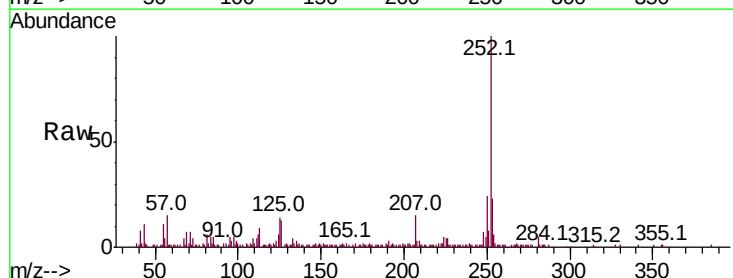
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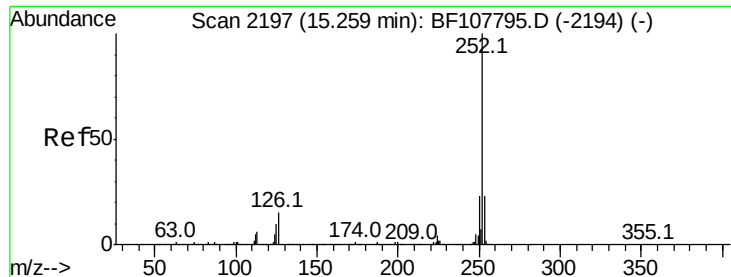
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#87
 Benzo(b)fluoranthene
 Concen: 7.281 ng m
 RT: 15.22 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BF107920.D
 Acq: 2 Aug 2018 20:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	14.1	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 4.162 ng

RT: 15.24 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BF107920.D

Acq: 2 Aug 2018 20:12

Instrument :

BNA_F

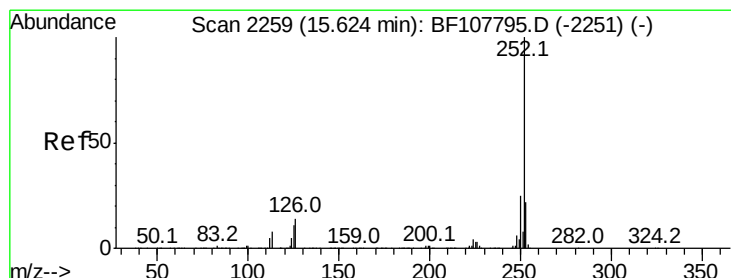
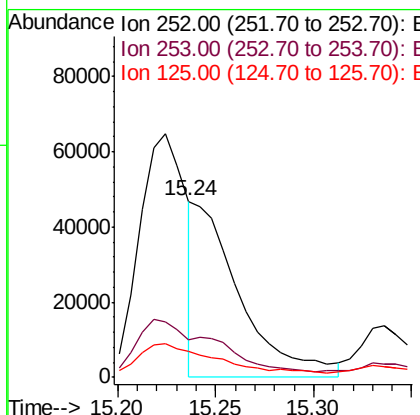
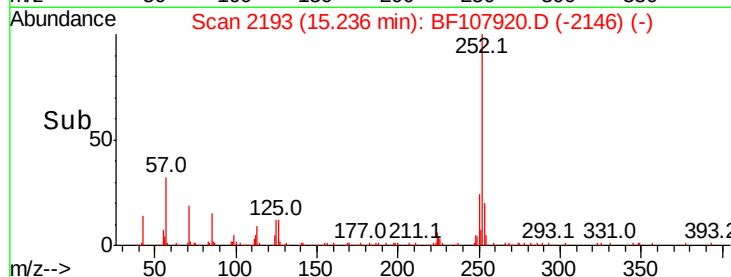
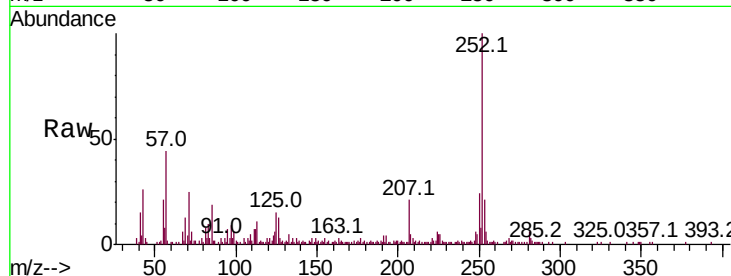
ClientSampled :

KG-PIT-1

Tot Ion:	252	Resp:	75203
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.9	26.9
125	14.9	10.2	15.2

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#89

Benzo(a)pyrene

Concen: 5.990 ng

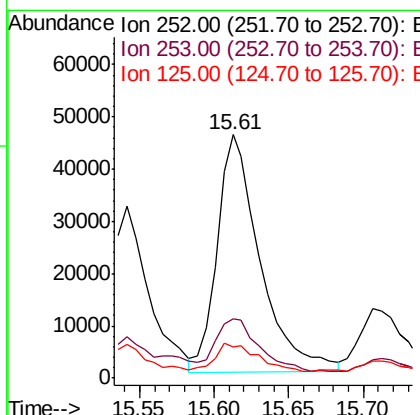
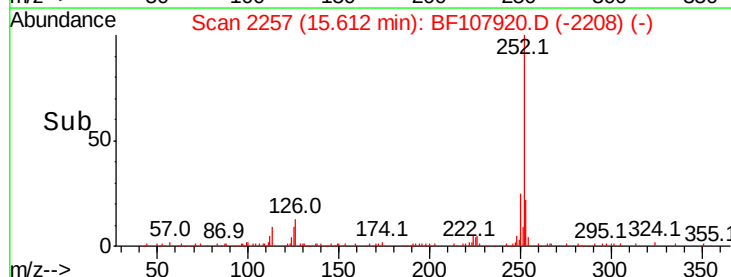
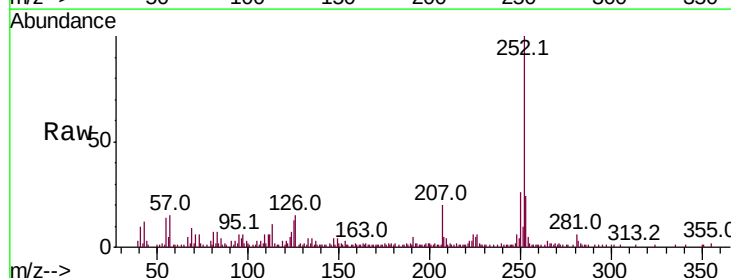
RT: 15.61 min Scan# 2257

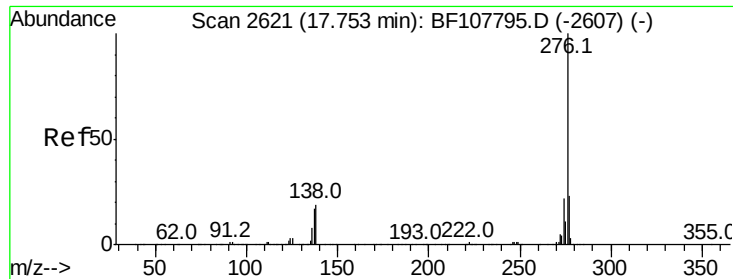
Delta R.T. -0.01 min

Lab File: BF107920.D

Acq: 2 Aug 2018 20:12

Tgt Ion:	252	Resp:	91002
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.1	25.7
125	12.9	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.062 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. -0.02 min
 Lab File: BF107920.D
 Acq: 2 Aug 2018 20:12

Instrument :
 BNA_F
 ClientSampled :
 KG-PIT-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	23.3	21.8	32.8

Manual Integrations
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