

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107925.D
 Acq On : 2 Aug 2018 22:28
 Operator : JU/SJ
 Sample : J4285-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-3

Manual Integrations
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Sohil
 8/3/2018 12:53:35 PM

Quant Time: Aug 03 04:39:52 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	6.95	152	117496	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	460485	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	166440	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	290840	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	260966	20.00	ng	0.00
86) Perylene-d12	15.69	264	229333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	597164	86.38	ng	0.00
7) Phenol-d6	6.60	99	785761	86.24	ng	0.00
23) Nitrobenzene-d5	7.52	82	437214	54.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	162278	71.75	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	780361	65.33	ng	-0.01
78) Terphenyl-d14	13.08	244	586671	48.75	ng	0.00
Target Compounds						
31) Naphthalene	8.26	128	52074	2.433	ng	99
49) Dimethylphthalate	9.70	163	113125	9.050	ng	100
70) Phenanthrene	11.52	178	58858	4.262	ng	# 85
74) Fluoranthene	12.72	202	92382	5.694	ng	75
77) Pyrene	12.95	202	95195	5.066	ng	# 77
80) Benzo(a)anthracene	14.15	228	43685	2.955	ng	# 53
82) Chrysene	14.19	228	64700	4.058	ng	# 80
85) Indeno(1,2,3-cd)pyrene	17.27	276	36718	3.028	ng	# 83
87) Benzo(b)fluoranthene	15.24	252	68189m	6.029	ng	
88) Benzo(k)fluoranthene	15.25	252	47051m	3.388	ng	
89) Benzo(a)pyrene	15.62	252	37561	3.217	ng	# 52
91) Benzo(a,h,i)perylene	17.75	276	34764	3.527	ng	# 88

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

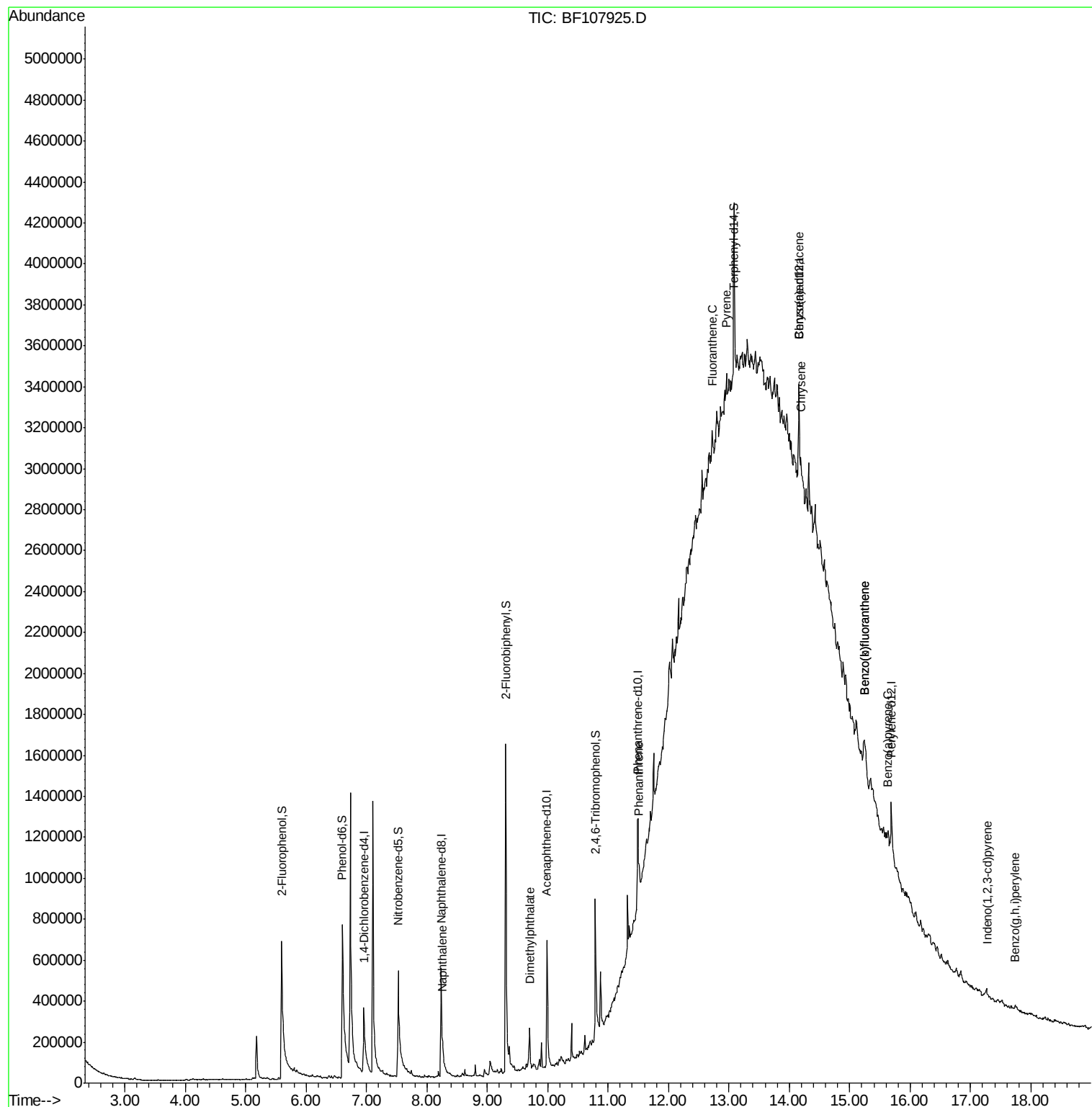
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
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ALS Vial : 21 Sample Multiplier: 1

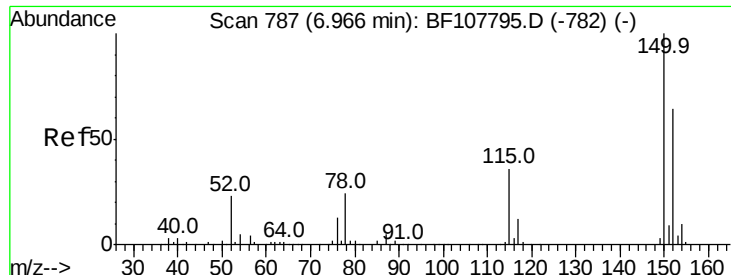
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Aug 03 04:39:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

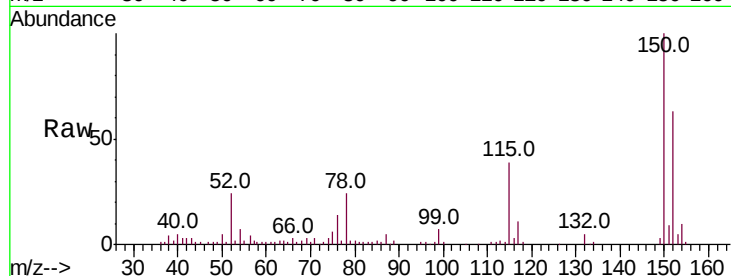
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	61.0	50.1	75.1

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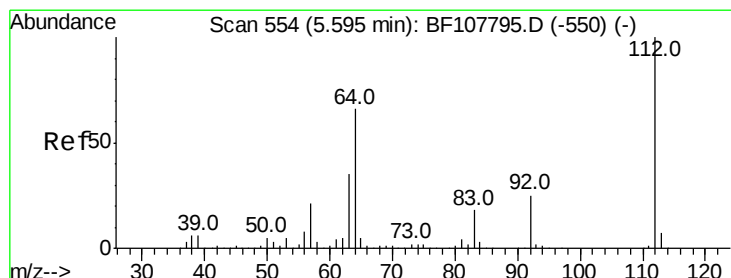
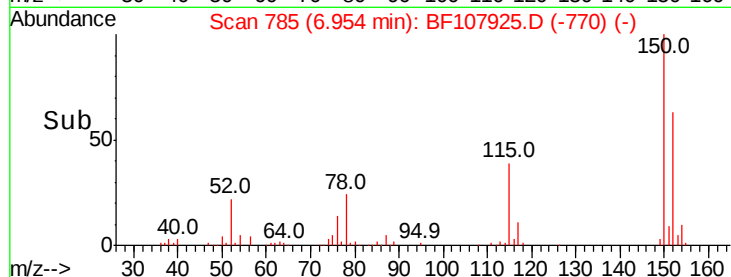
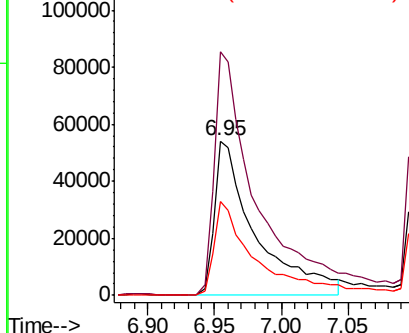


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

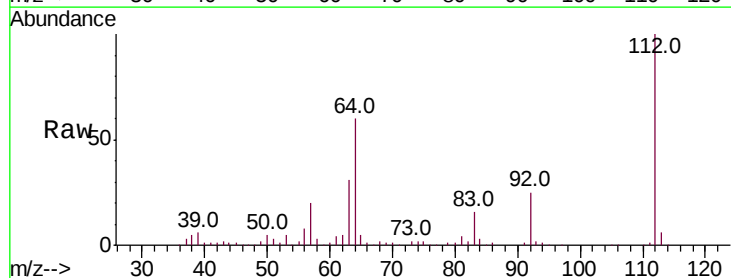
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.378 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	30.7	23.7	35.5

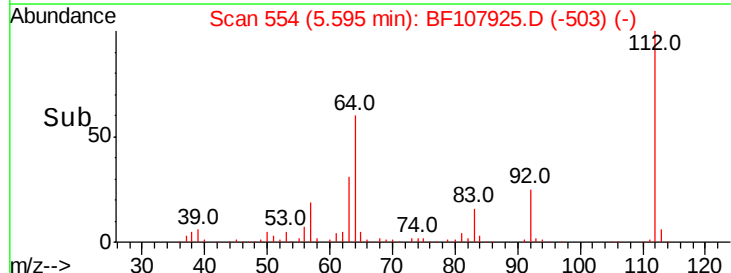
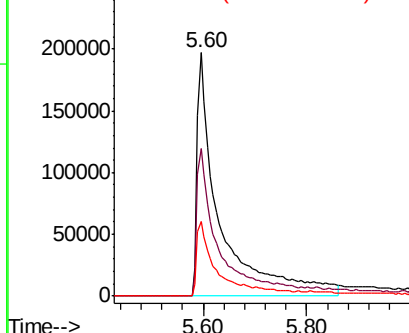


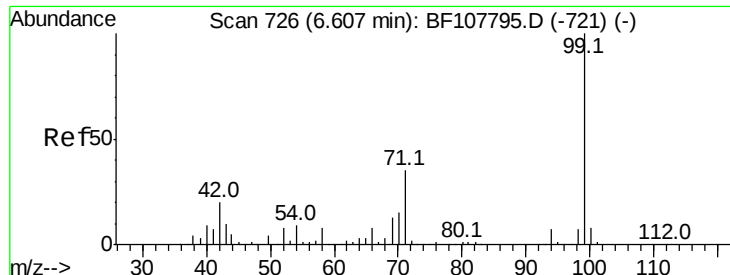
Abundance

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: 86.239 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107925.D

Acq: 2 Aug 2018 22:28

Instrument :

BNA_F

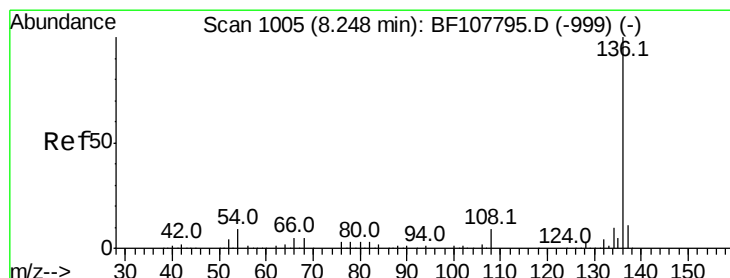
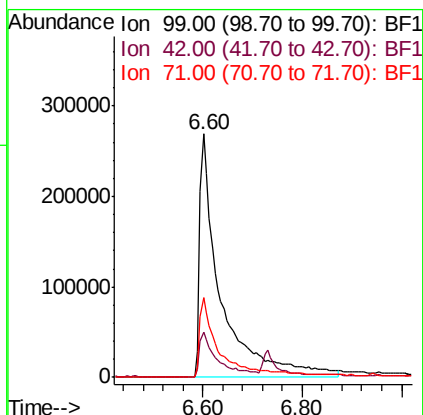
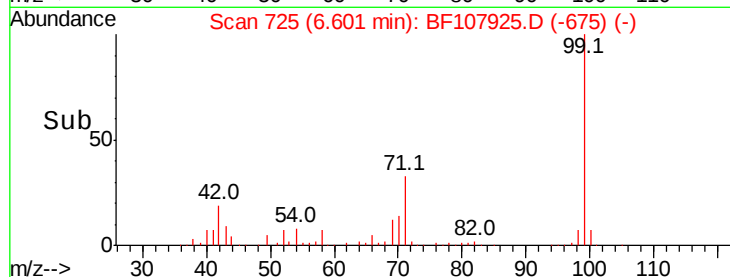
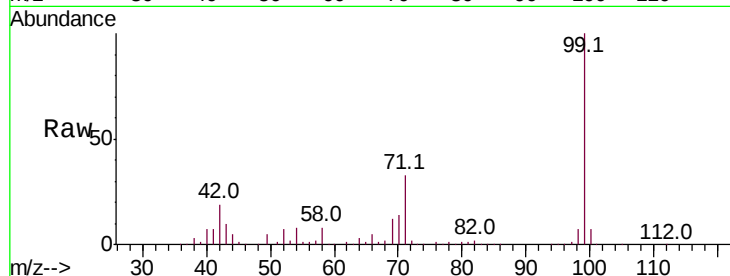
ClientSampled :

KG-PIT-3

Tot Ion:	99	Resp:	785761
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.5	21.7
71	32.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

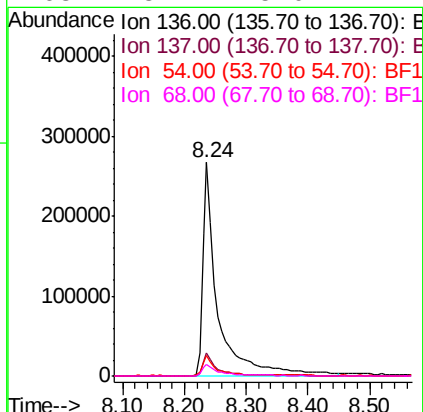
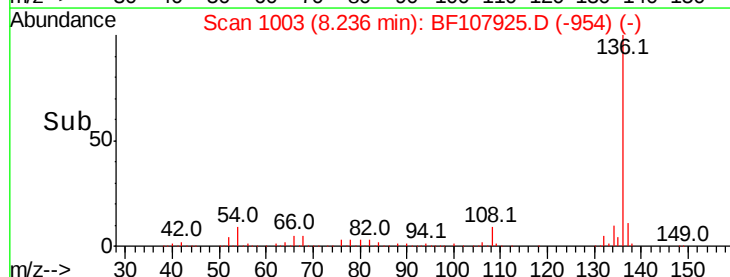
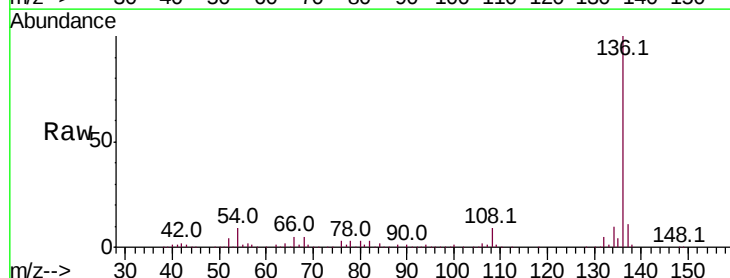
RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107925.D

Acq: 2 Aug 2018 22:28

Tgt Ion:	136	Resp:	460485
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	5.4	5.0	7.4





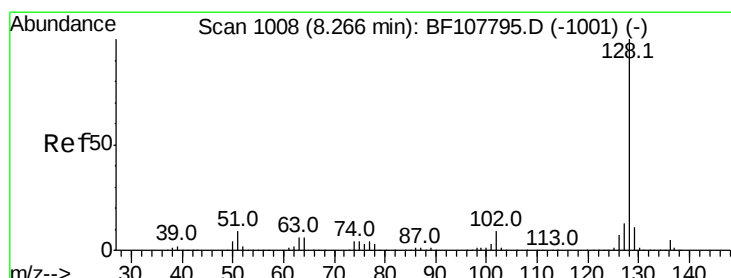
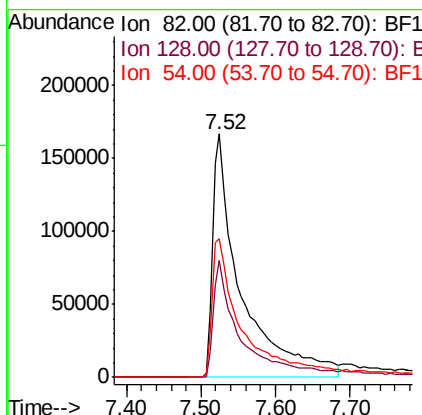
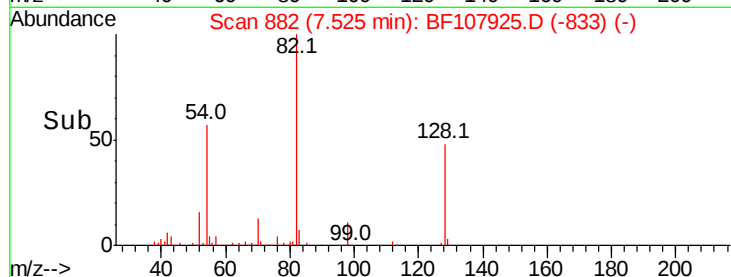
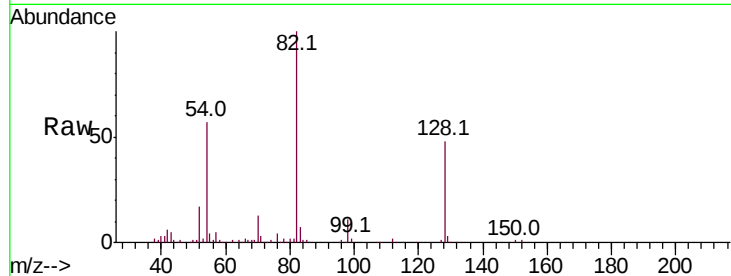
#23
 Nitrobenzene-d5
 Concen: 54.699 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107925.D
 Acq: 2 Aug 2018 22:28

Instrument :
 BNA_F
 ClientSampled :
 KG-PIT-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	57.1	41.4	62.2

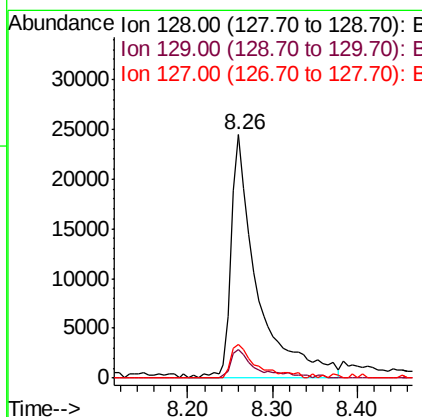
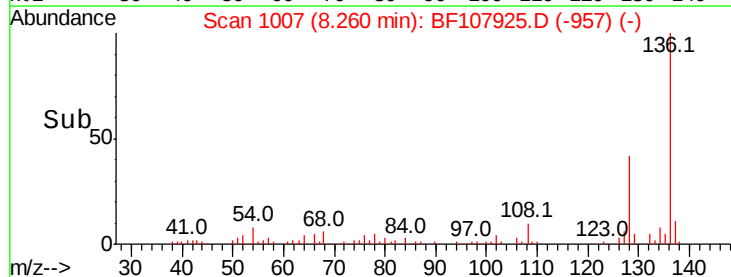
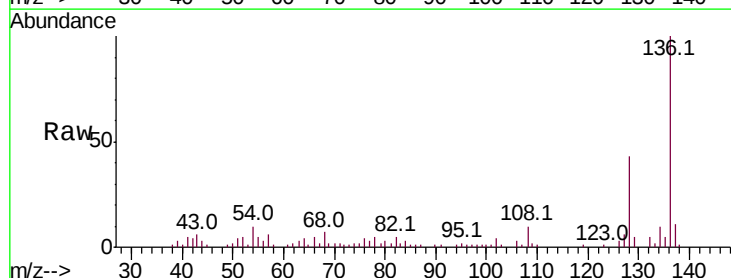
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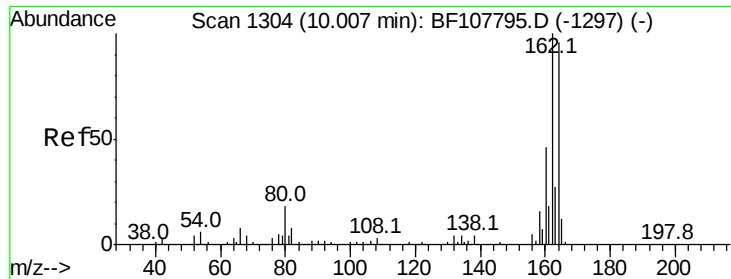
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#31
 Naphthalene
 Concen: 2.433 ng
 RT: 8.26 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF107925.D
 Acq: 2 Aug 2018 22:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.0	10.9	16.3





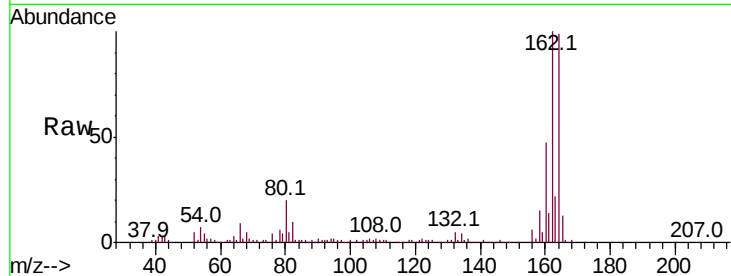
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-3

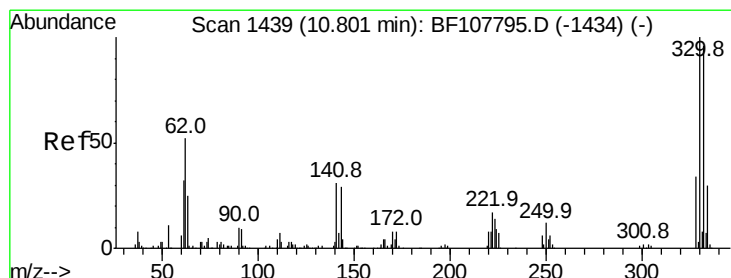
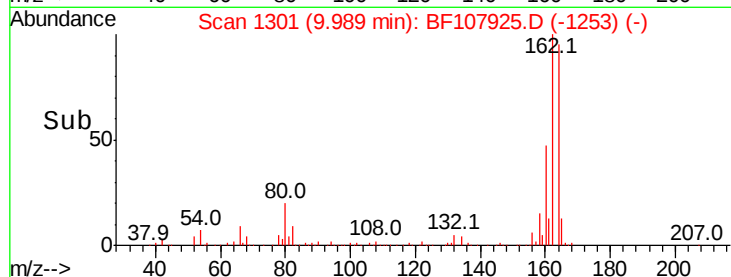
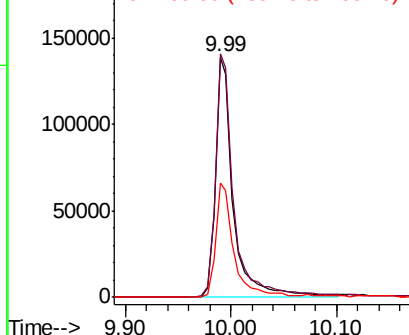
Tot Ion	Ratio	Resp	Lower	Upper
164	100	166440		
162	101.3	86.1	129.1	
160	47.6	38.3	57.5	

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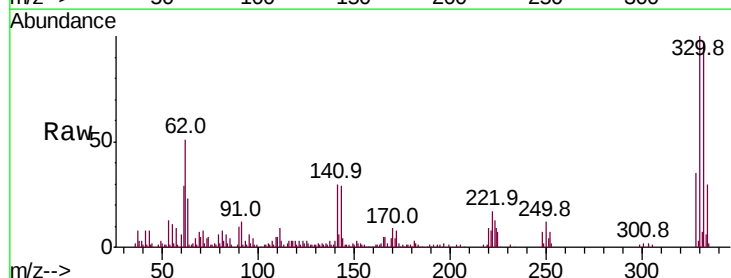


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

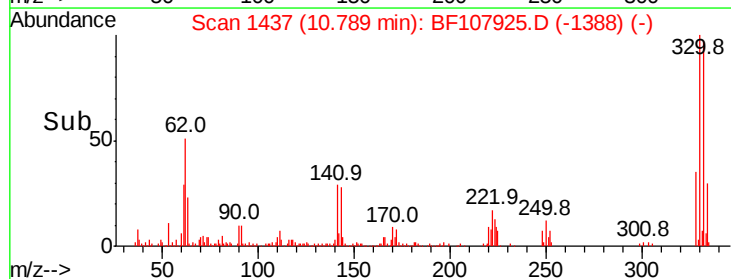
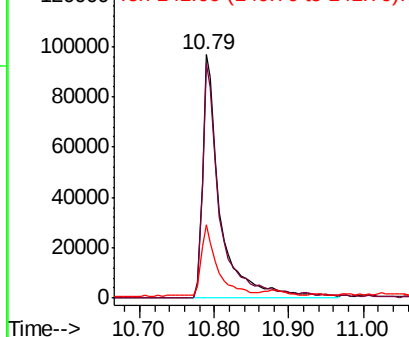


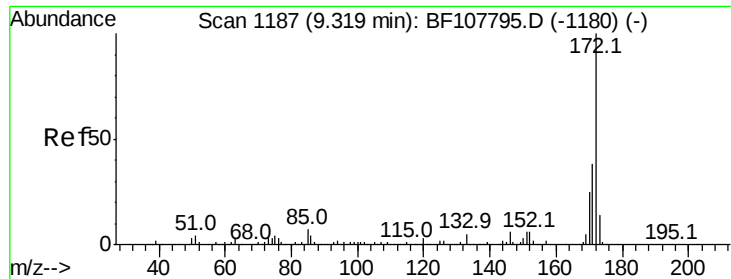
#41
2,4,6-Tribromophenol
Concen: 71.754 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	162278		
332	93.1	77.0	115.6	
141	25.7	29.9	44.9#	



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





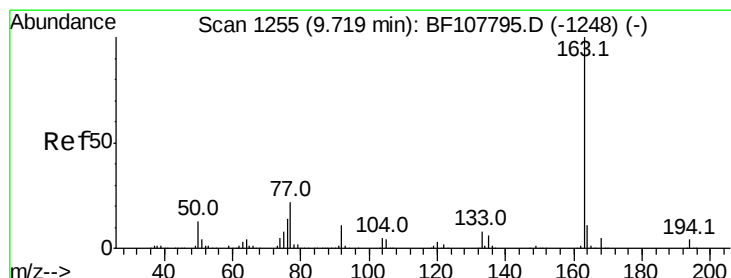
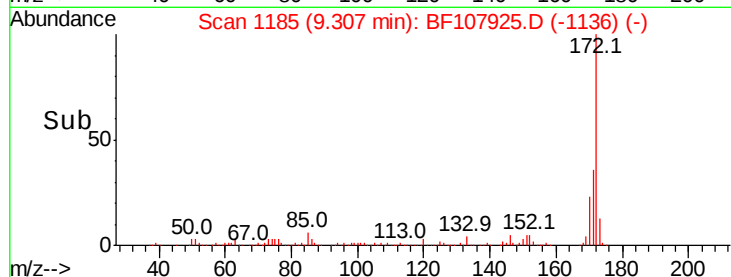
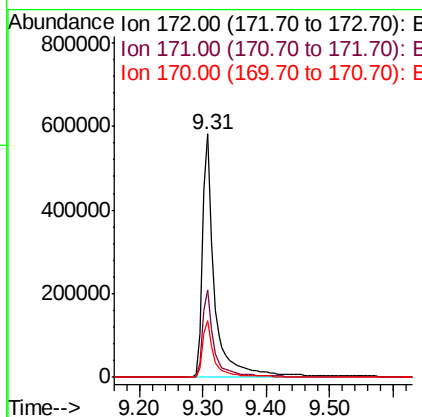
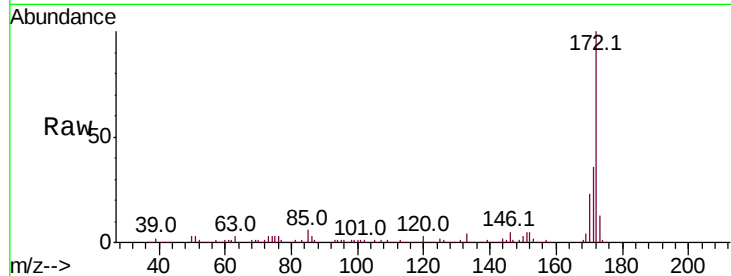
#44
2-Fluorobiphenyl
Concen: 65.334 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-3

Tot Ion	Ratio	Resp	Lower	Upper
172	100	780361		
171	35.9		29.7	44.5
170	23.3		19.6	29.4

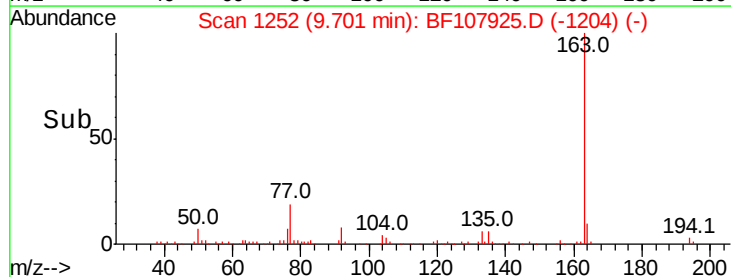
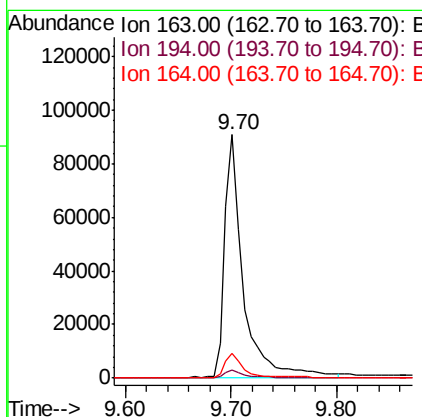
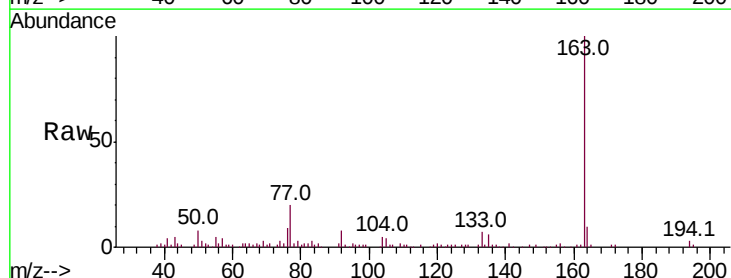
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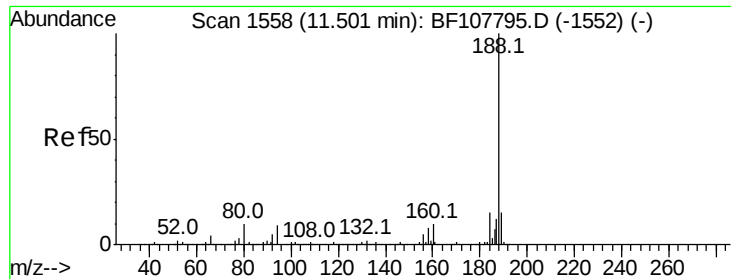
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#49
Dimethylphthalate
Concen: 9.050 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	113125		
194	3.3		2.7	4.1
164	10.3		8.2	12.2





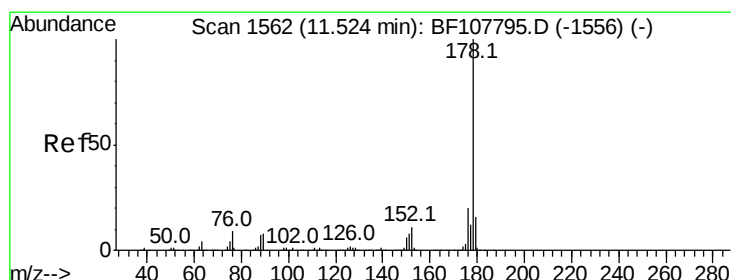
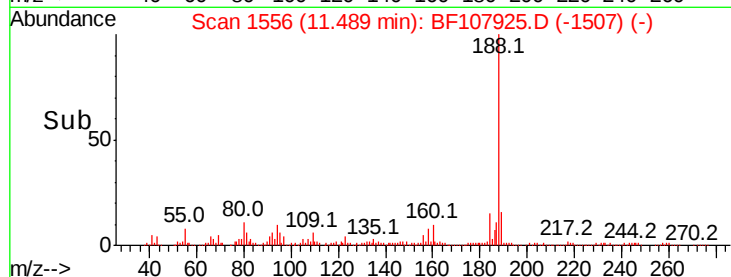
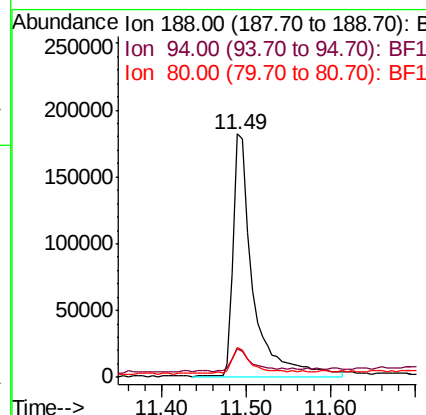
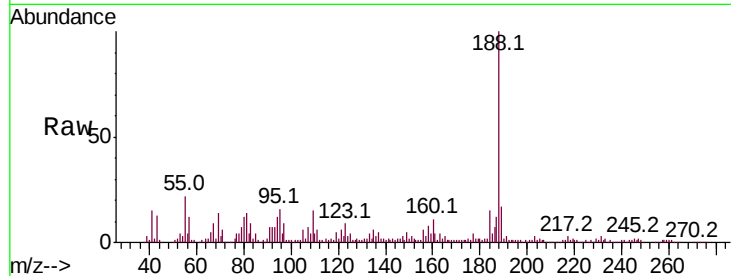
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Instrument :
BNA_F
ClientSampled :
KG-PIT-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	290840		
94	12.0		8.5	12.7
80	12.1		9.2	13.8

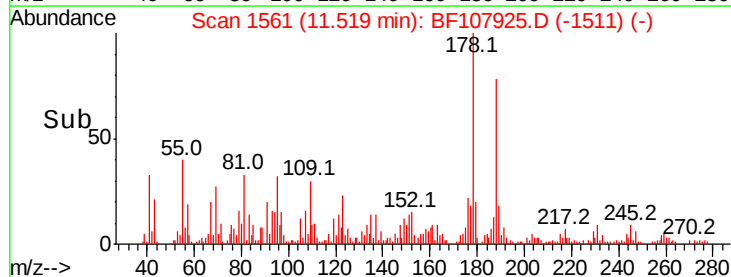
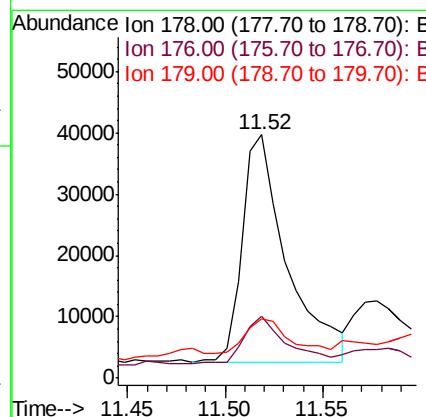
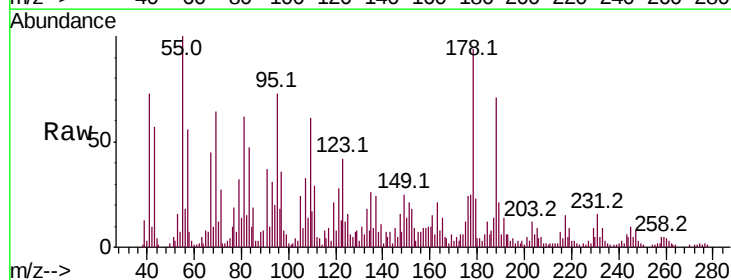
Manual Integrations
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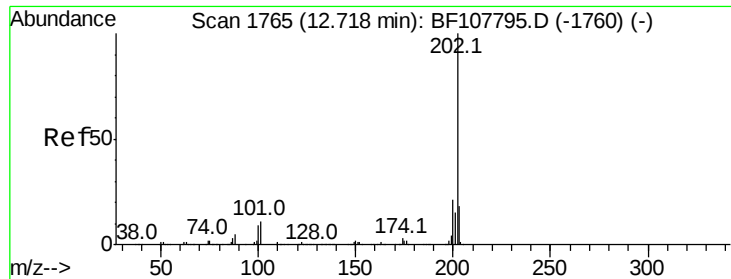
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#70
Phenanthrene
Concen: 4.262 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	58858		
176	25.3		15.8	23.8#
179	24.4		13.0	19.6#





#74

Fluoranthene

Concen: 5.694 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF107925.D

Acq: 2 Aug 2018 22:28

Instrument :

BNA_F

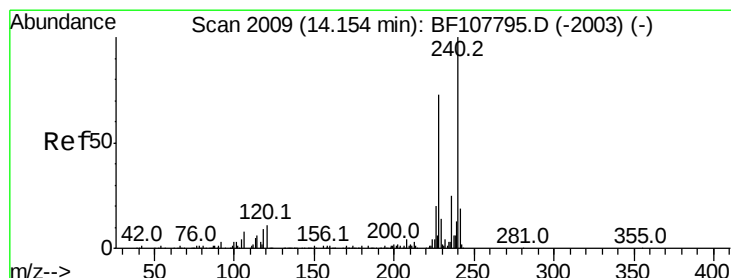
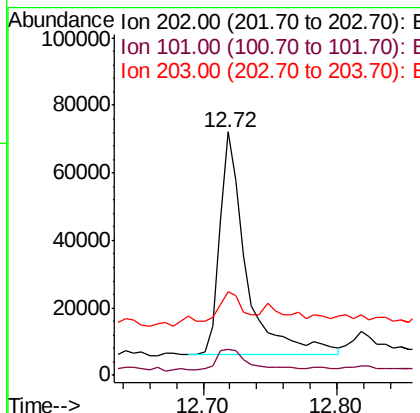
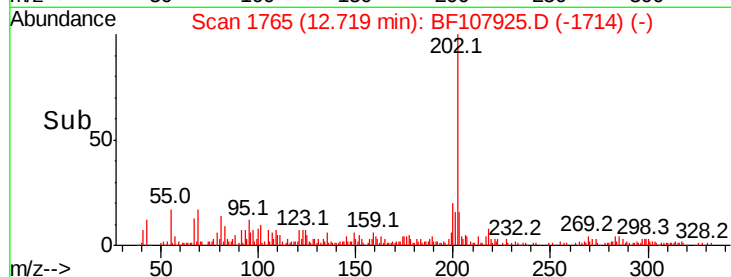
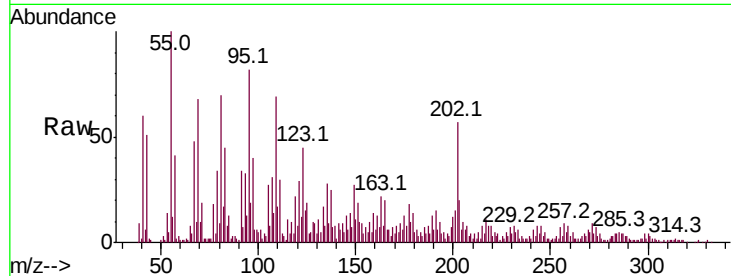
ClientSampled :

KG-PIT-3

Tot Ion:	202	Resp:	92382
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	34.1
203	34.5	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

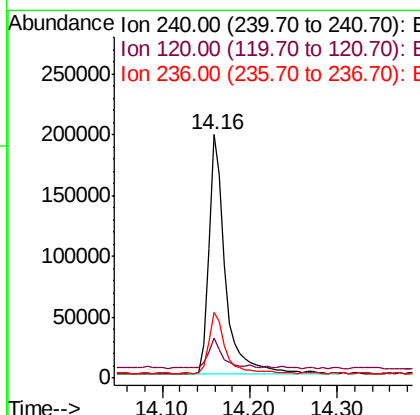
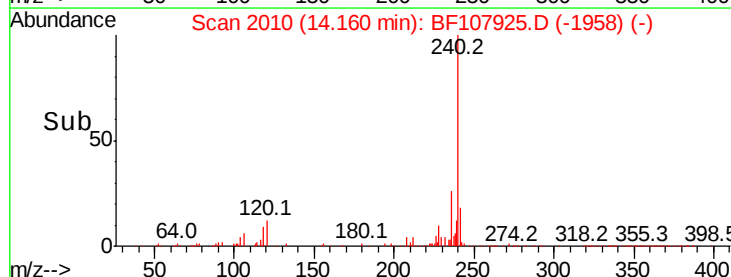
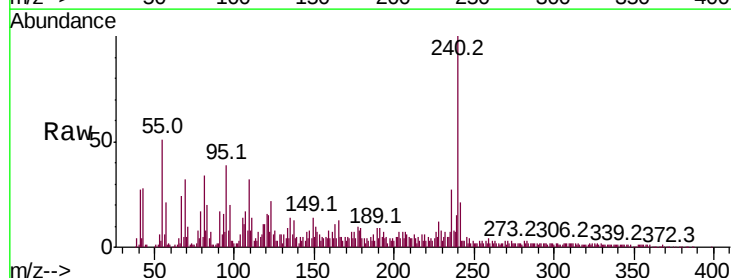
RT: 14.16 min Scan# 2010

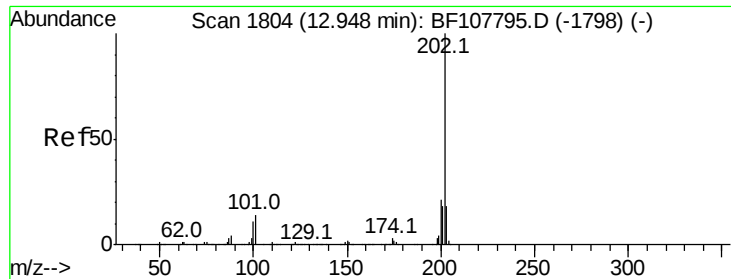
Delta R.T. 0.01 min

Lab File: BF107925.D

Acq: 2 Aug 2018 22:28

Tgt Ion:	240	Resp:	260966
Ion Ratio	Lower	Upper	
240	100		
120	16.4	9.5	14.3#
236	27.0	20.7	31.1





#77

Pvrene

Concen: 5.066 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF107925.D

Acq: 2 Aug 2018 22:28

Instrument :

BNA_F

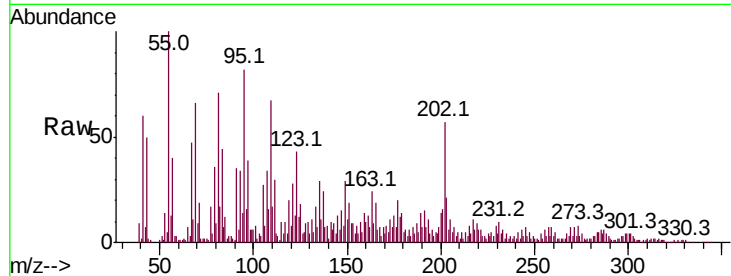
ClientSampled :

KG-PIT-3

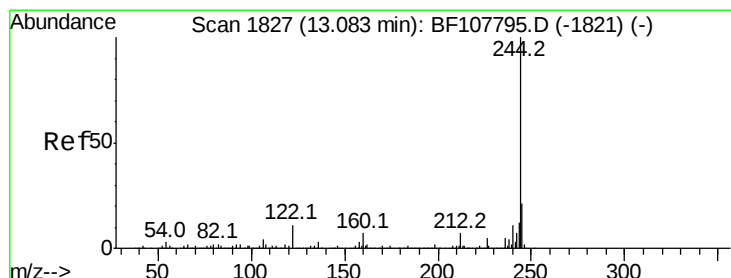
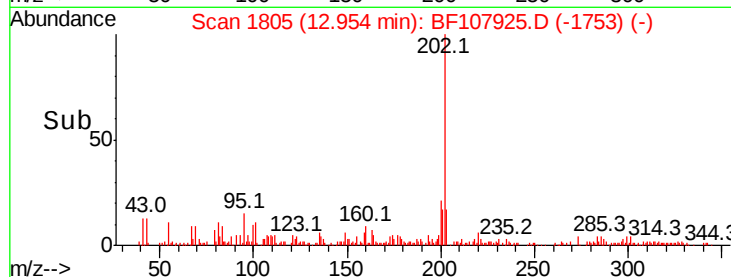
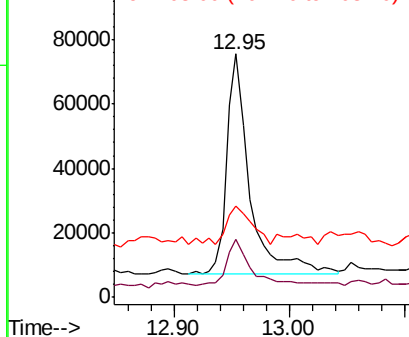
Tot Ion:	202	Resp:	95195
Ion Ratio	Lower	Upper	
202	100		
200	23.9	17.4	26.2
203	37.6	14.3	21.5#

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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: 48.748 ng

RT: 13.08 min Scan# 1827

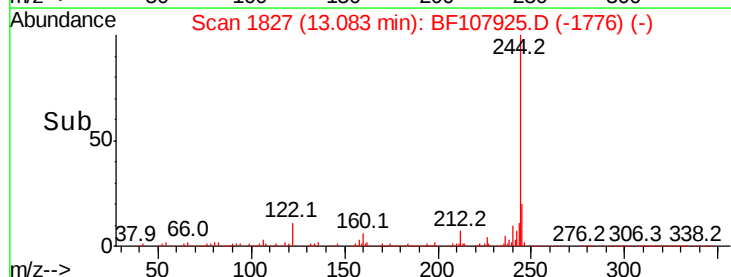
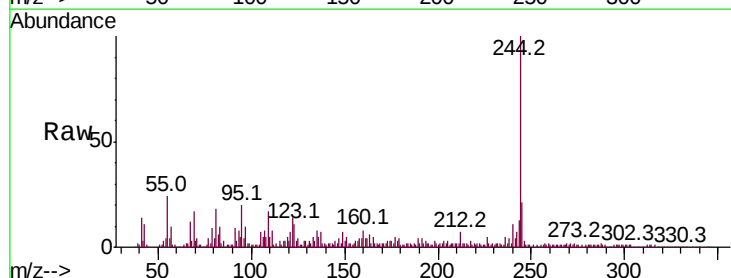
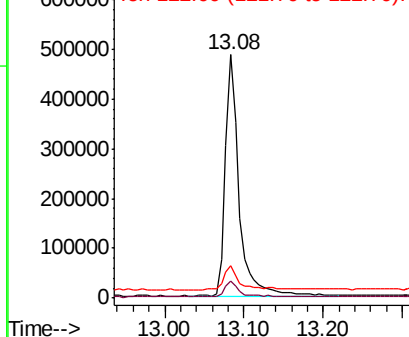
Delta R.T. 0.00 min

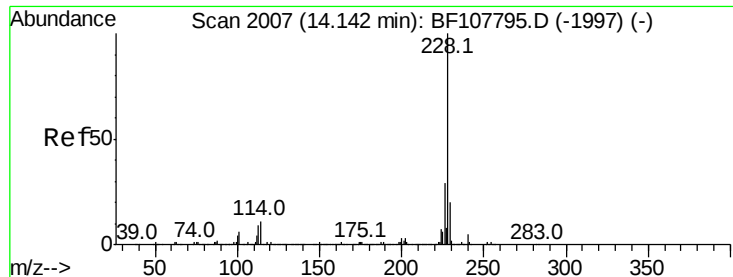
Lab File: BF107925.D

Acq: 2 Aug 2018 22:28

Tgt Ion:	244	Resp:	586671
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	13.5	11.0	16.4

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





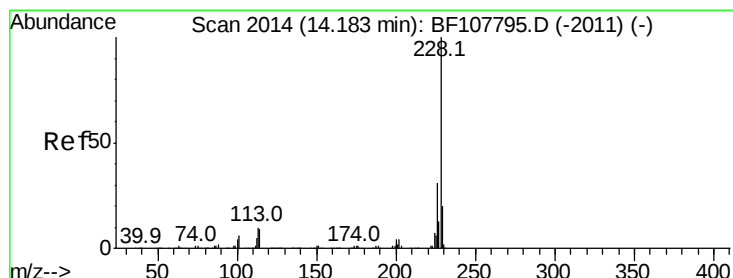
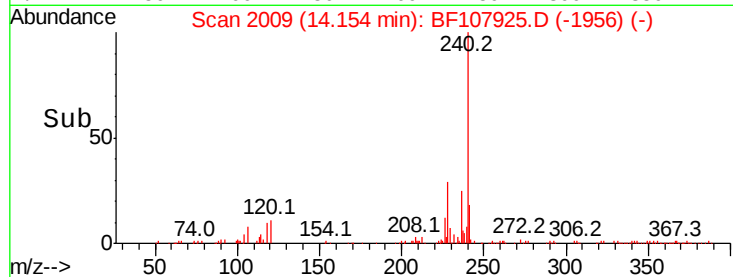
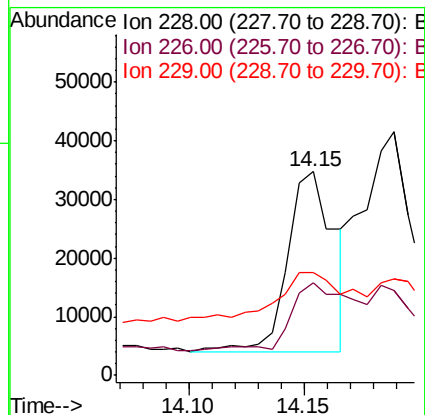
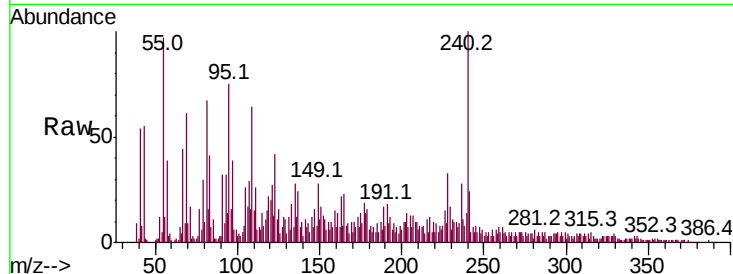
#80
Benzo(a)anthracene
Concen: 2.955 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Instrument :
BNA_F
ClientSampled :
KG-PIT-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	45.3	22.6	33.8#
229	50.5	15.8	23.6#

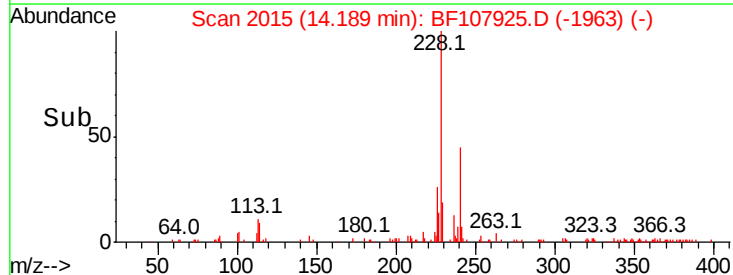
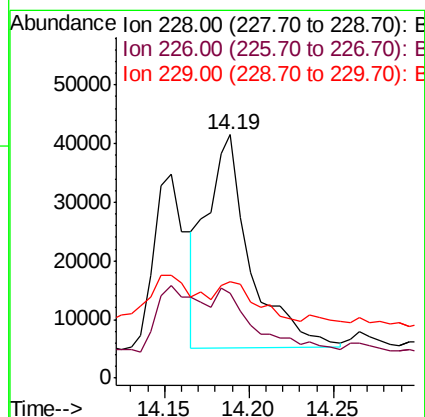
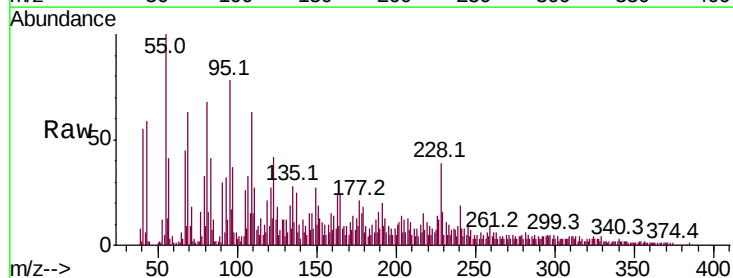
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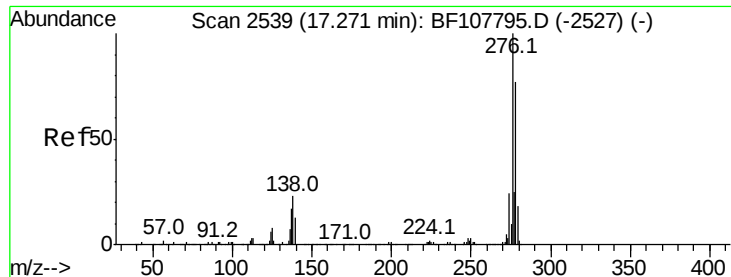
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#82
Chrysene
Concen: 4.058 ng
RT: 14.19 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	25.0	37.6
229	39.5	16.2	24.4#





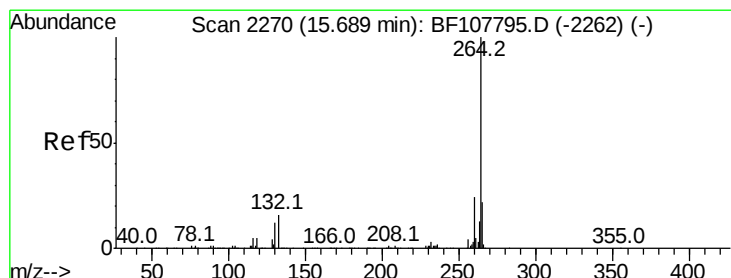
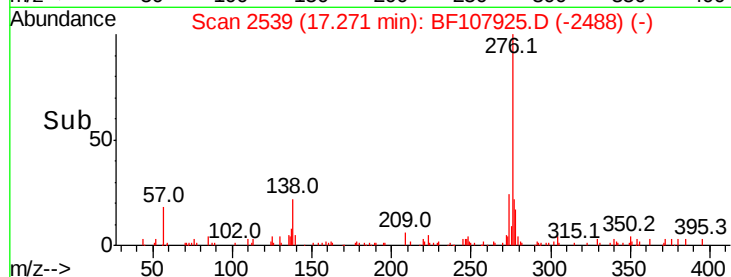
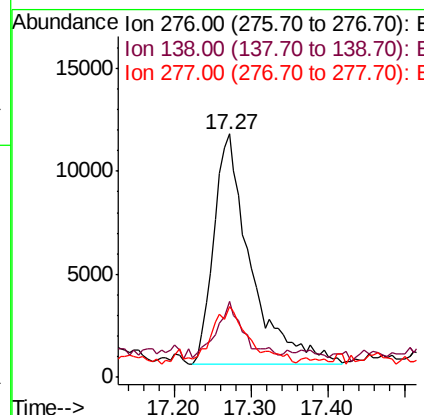
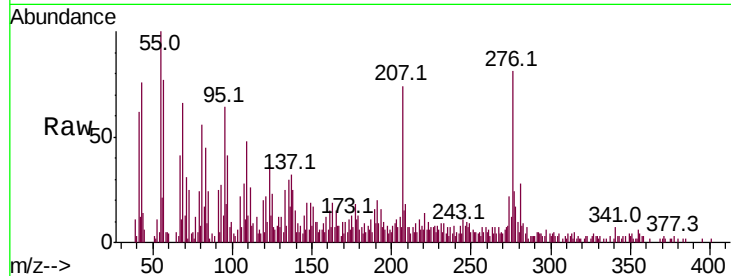
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.028 ng
RT: 17.27 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-3

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.0	25.0	37.6#
277	23.4	20.1	30.1

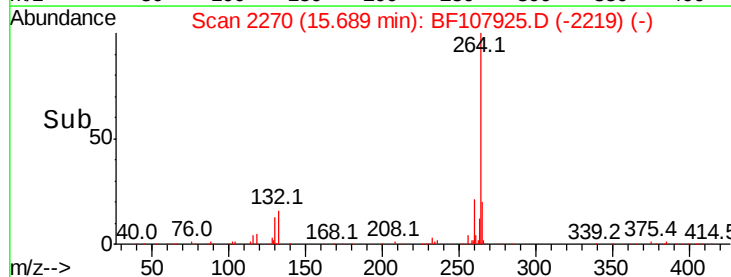
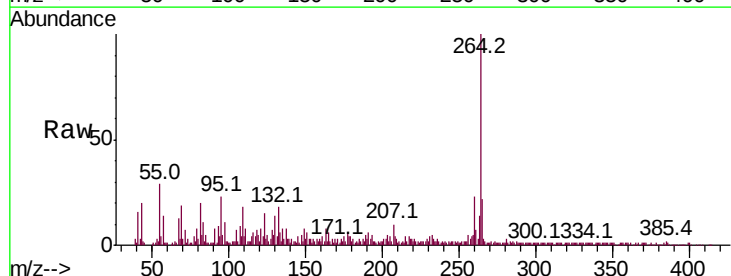
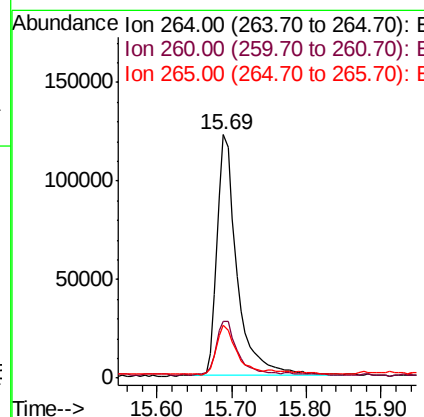
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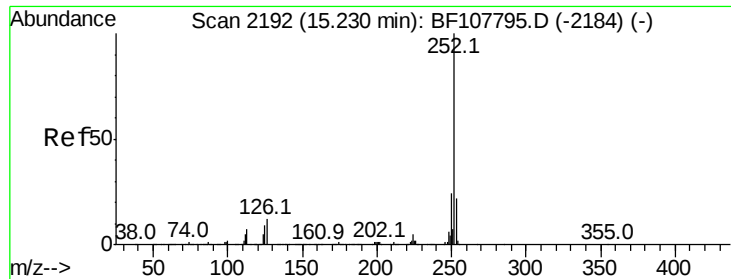
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 6.029 ng m

RT: 15.24 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF107925.D

Acq: 2 Aug 2018 22:28

Instrument :

BNA_F

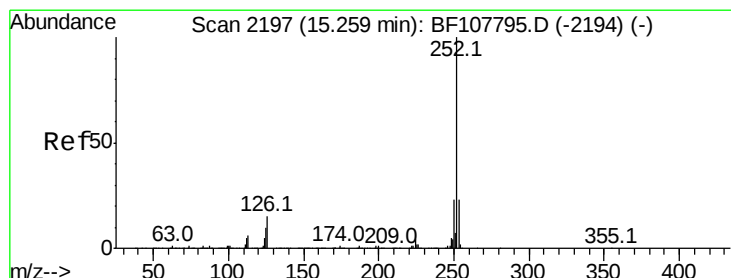
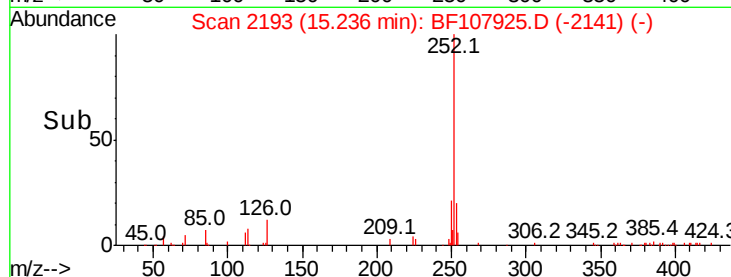
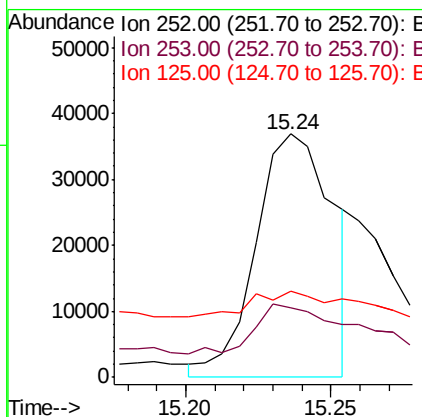
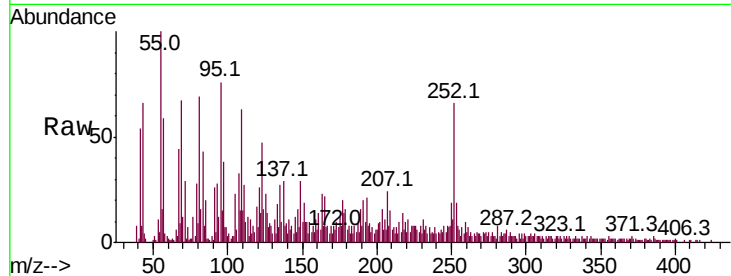
ClientSampled :

KG-PIT-3

Tot Ion:	252	Resp:	68189
Ion Ratio	Lower	Upper	
252	100		
253	28.8	17.0	25.6#
125	35.3	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 3.388 ng m

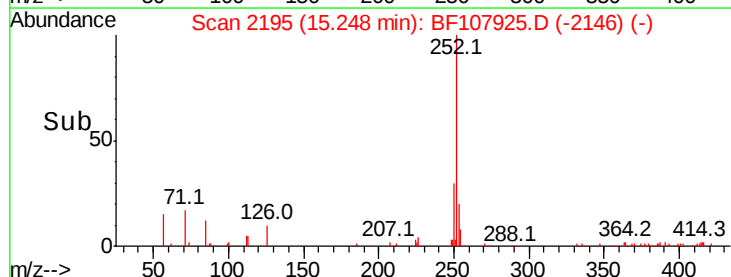
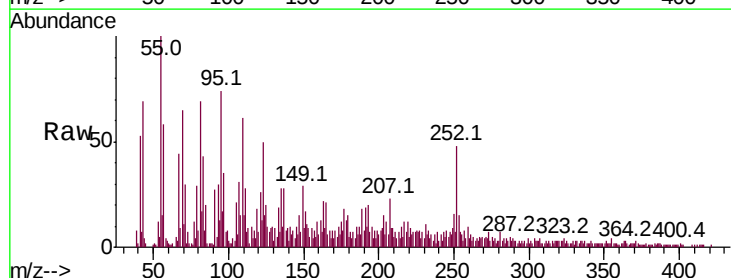
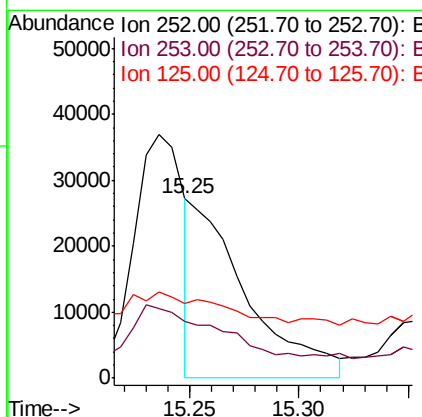
RT: 15.25 min Scan# 2195

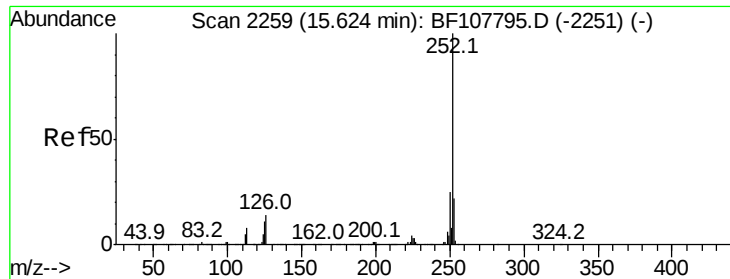
Delta R.T. -0.01 min

Lab File: BF107925.D

Acq: 2 Aug 2018 22:28

Tgt Ion:	252	Resp:	47051
Ion Ratio	Lower	Upper	
252	100		
253	31.7	17.9	26.9#
125	41.8	10.2	15.2#





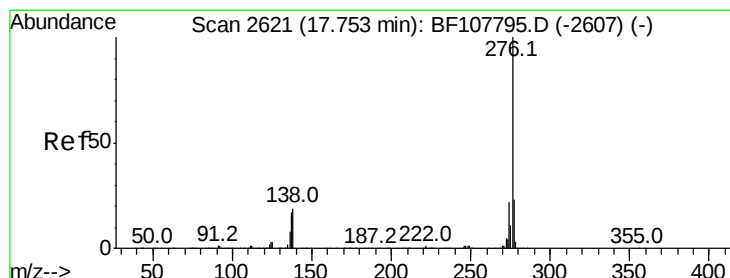
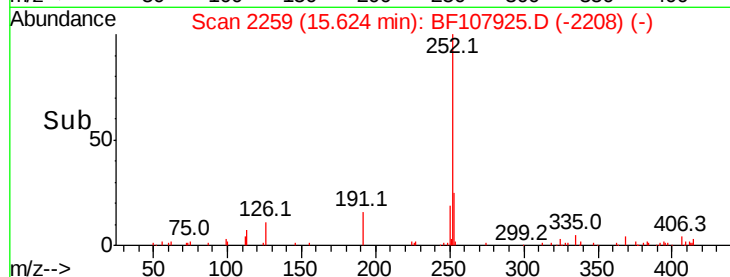
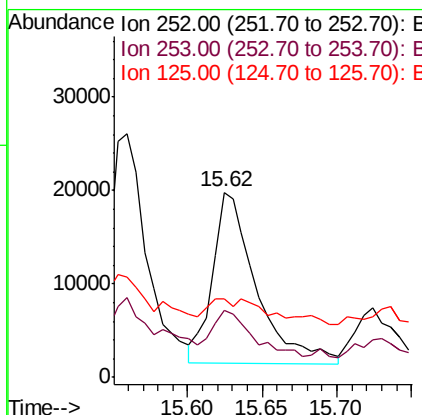
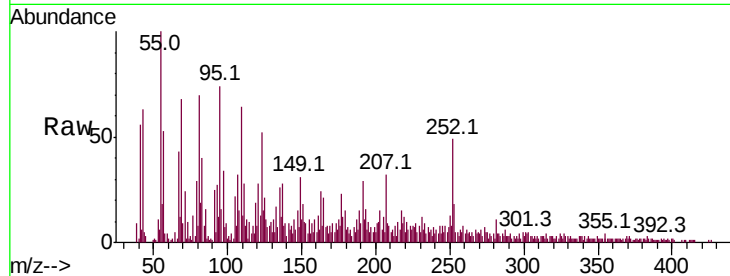
#89
Benzo(a)pyrene
Concen: 3.217 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Instrument :
BNA_F
ClientSampled :
KG-PIT-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.9	17.1	25.7#
125	42.4	9.8	14.6#

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#91
Benzo(g,h,i)perylene
Concen: 3.527 ng
RT: 17.75 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF107925.D
Acq: 2 Aug 2018 22:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.5	17.9	26.9#
138	31.8	21.8	32.8

