

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107745.D
 Acq On : 27 Jul 2018 14:59
 Operator : JU/SJ
 Sample : J4180-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GS-PIT-2

Manual Integrations
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Sohil
 7/30/2018 5:40:16 PM

Quant Time: Jul 30 09:43:21 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	151247	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	655438	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	288830	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	550470	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	399168	20.00	ng	-0.02
86) Perylene-d12	15.67	264	429456	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	724886	77.06	ng	-0.01
7) Phenol-d6	6.60	99	975907	86.40	ng	-0.02
23) Nitrobenzene-d5	7.52	82	604229	62.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	294525	89.67	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1139234	62.69	ng	-0.02
78) Terphenyl-d14	13.08	244	991841	63.61	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	90316	4.149	ng	98
74) Fluoranthene	12.71	202	66674	2.316	ng	96
77) Pyrene	12.94	202	96234	3.525	ng	96
82) Chrysene	14.17	228	47499m	2.114	ng	
87) Benzo(b)fluoranthene	15.22	252	49031m	2.086	ng	
89) Benzo(a)pyrene	15.61	252	52383	2.436	ng	93

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

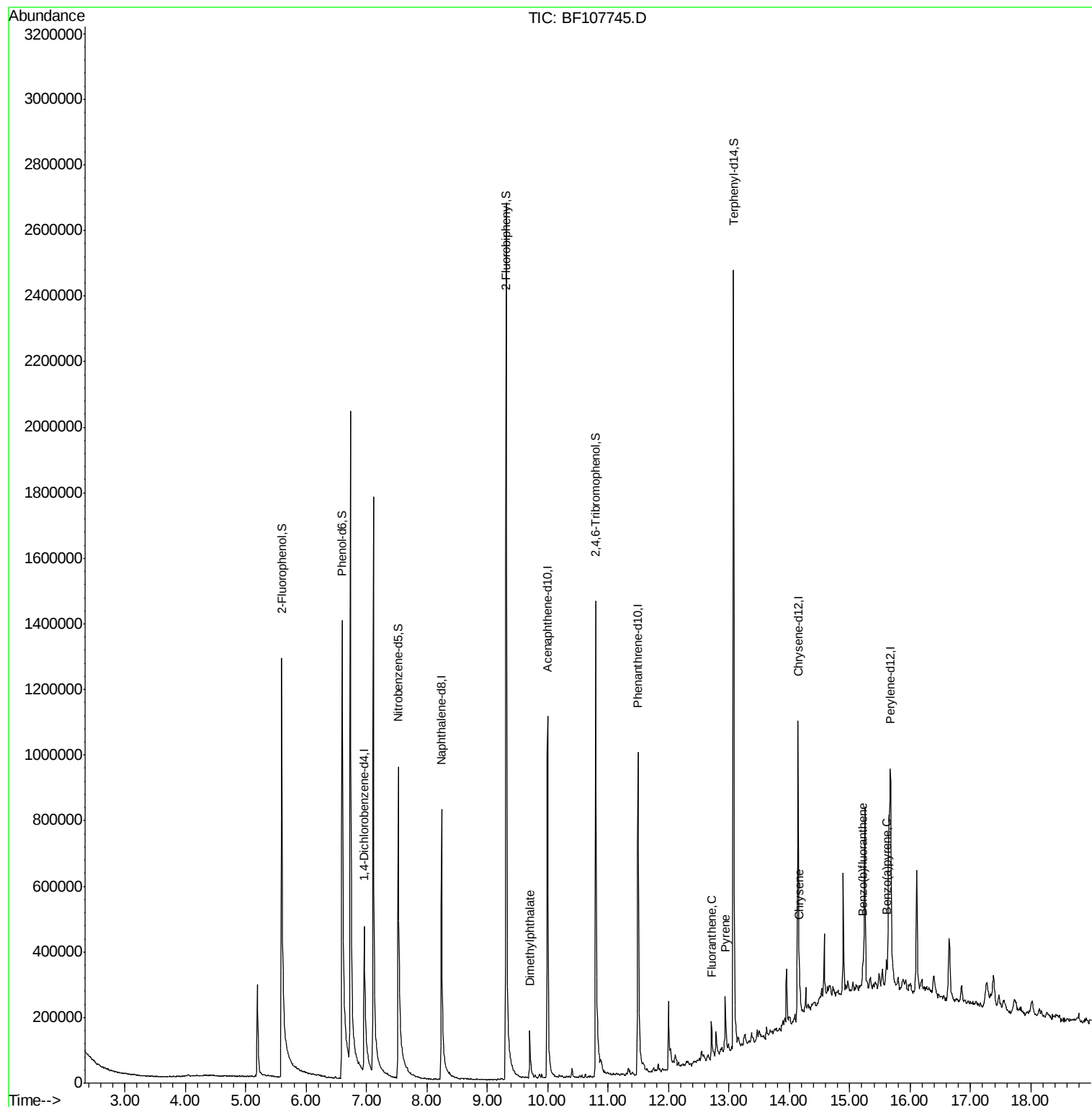
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
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ALS Vial : 4 Sample Multiplier: 1

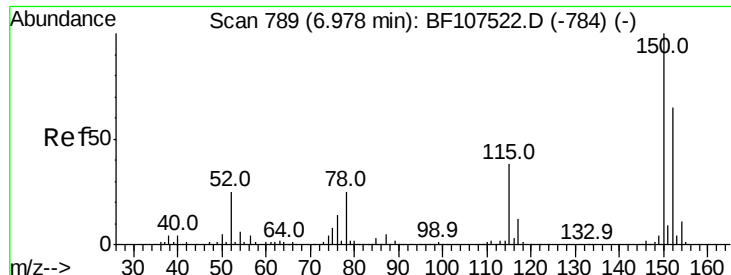
Instrument :
BNA_F
ClientSampleId :
GS-PIT-2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
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#1

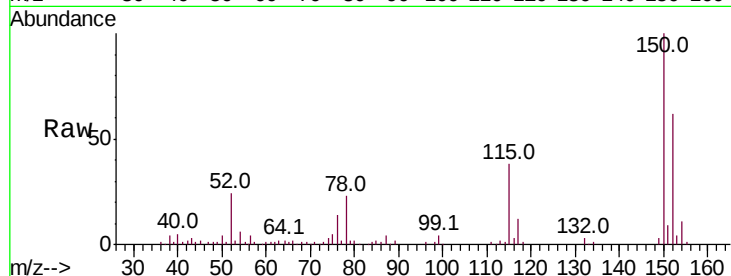
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
GS-PIT-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	60.5	50.1	75.1

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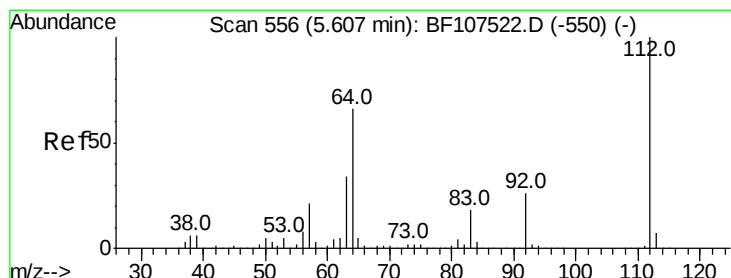
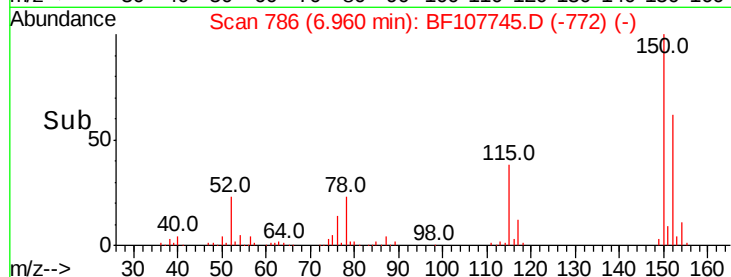
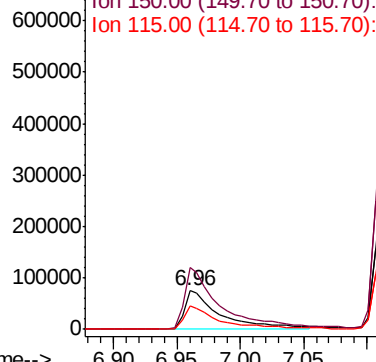


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

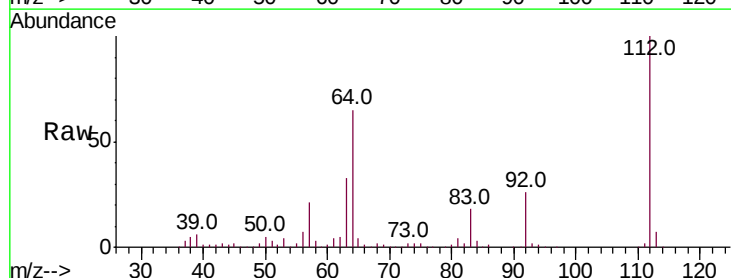
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.058 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	47.9	71.9
63	32.8	23.7	35.5

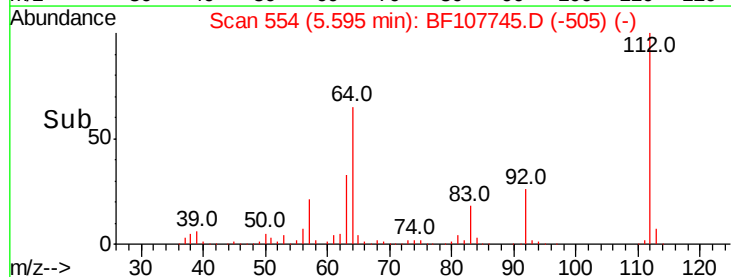
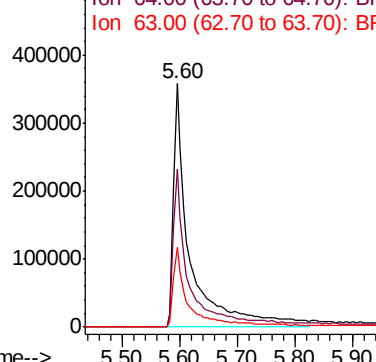


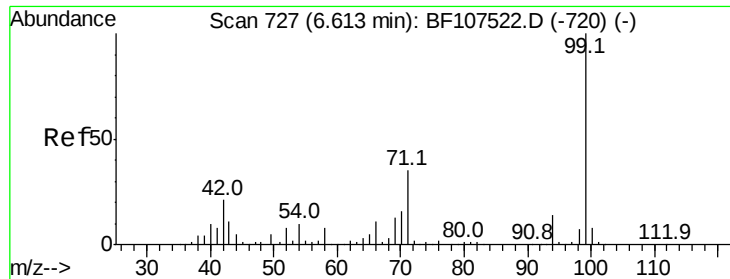
Abundance

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: 86.399 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107745.D

Acq: 27 Jul 2018 14:59

Instrument :

BNA_F

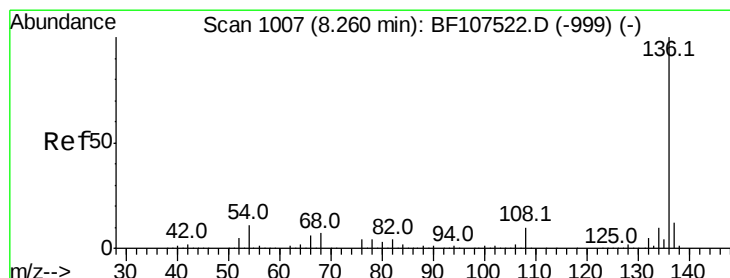
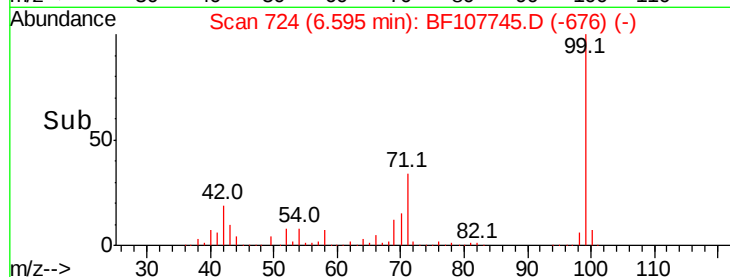
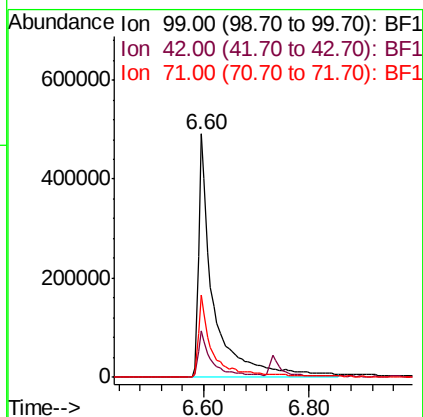
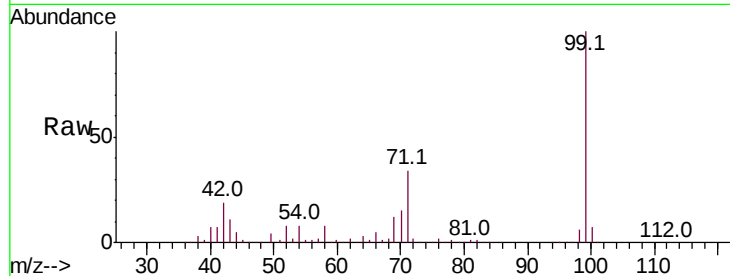
ClientSampleId :

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Tot Ion:	99	Resp:	975907
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.5	21.7
71	33.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

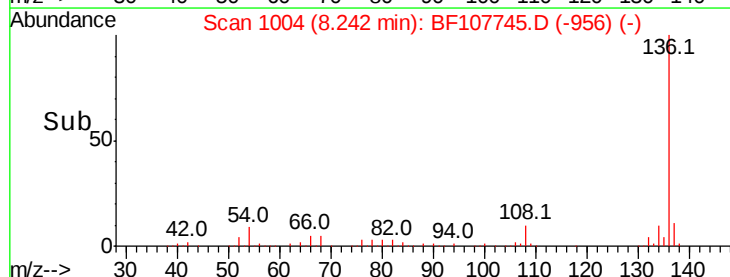
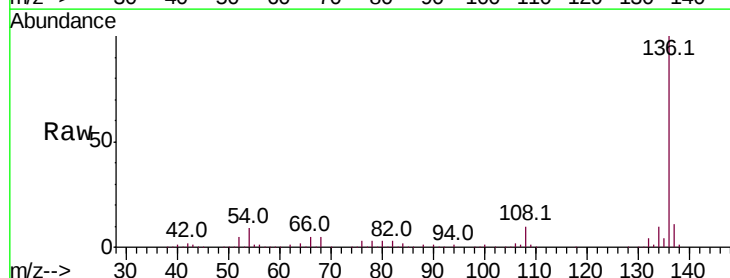
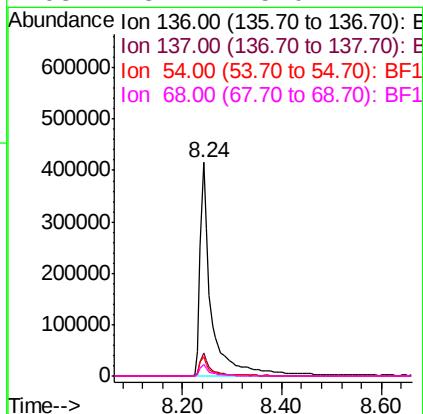
RT: 8.24 min Scan# 1004

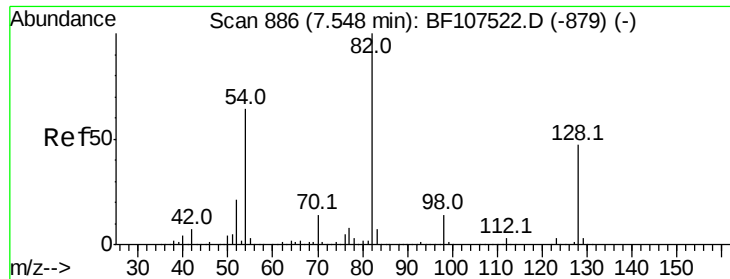
Delta R.T. -0.02 min

Lab File: BF107745.D

Acq: 27 Jul 2018 14:59

Tgt Ion:	136	Resp:	655438
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	9.3	6.6	9.8
68	5.4	5.0	7.4





#23

Nitrobenzene-d5

Concen: 62.215 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF107745.D

Acq: 27 Jul 2018 14:59

Instrument :

BNA_F

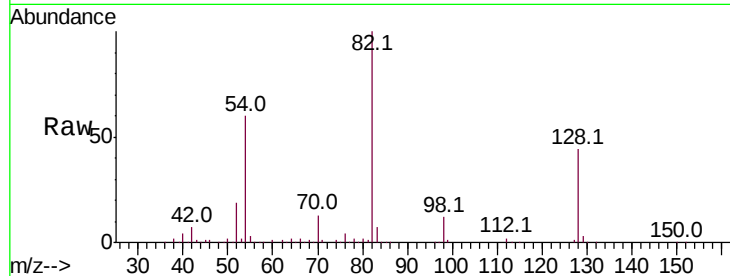
ClientSampleId :

GS-PIT-2

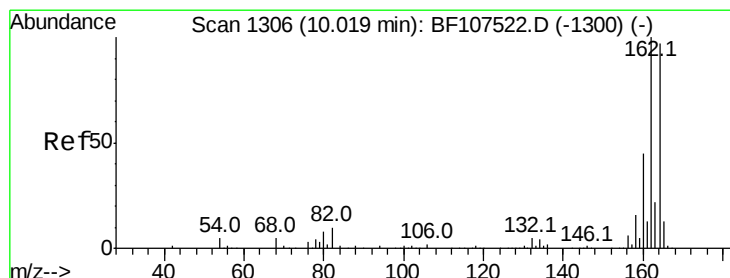
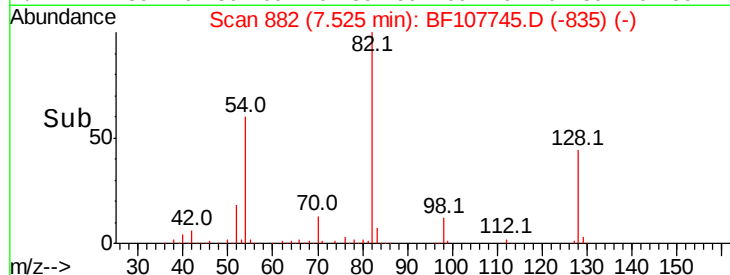
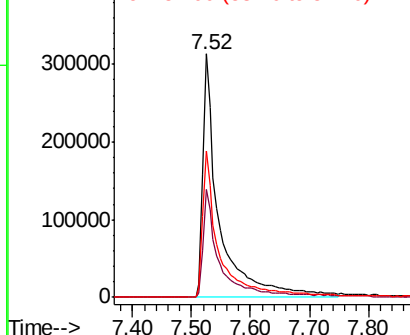
Tot Ion:	82	Resp:	604229
Ion Ratio	Lower	Upper	
82	100		
128	44.3	36.1	54.1
54	60.0	41.4	62.2

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

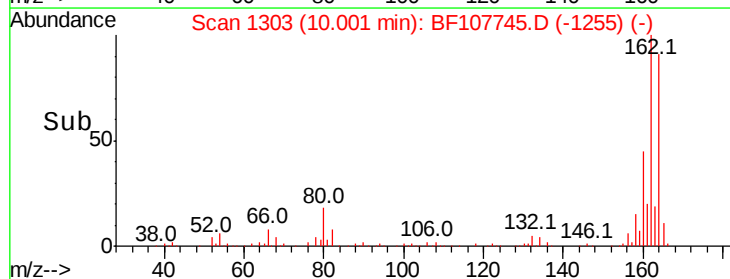
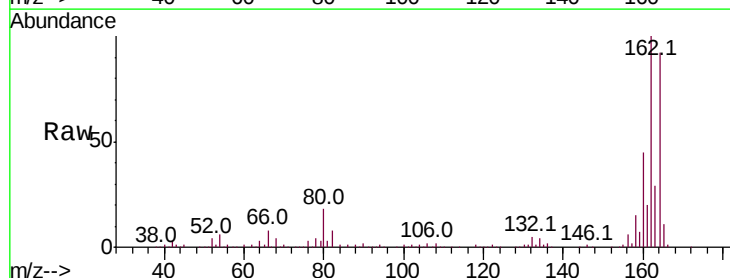
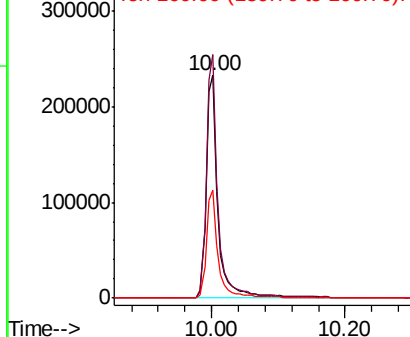
Delta R.T. -0.02 min

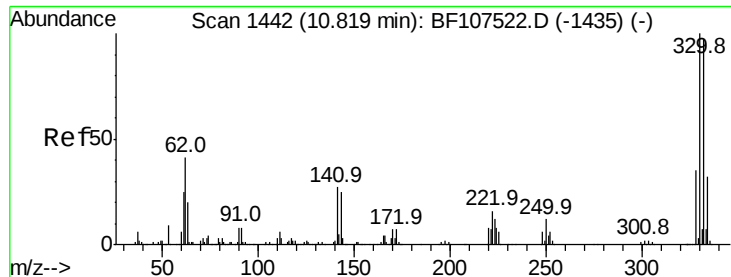
Lab File: BF107745.D

Acq: 27 Jul 2018 14:59

Tgt Ion:	164	Resp:	288830
Ion Ratio	Lower	Upper	
164	100		
162	109.2	86.1	129.1
160	48.7	38.3	57.5

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





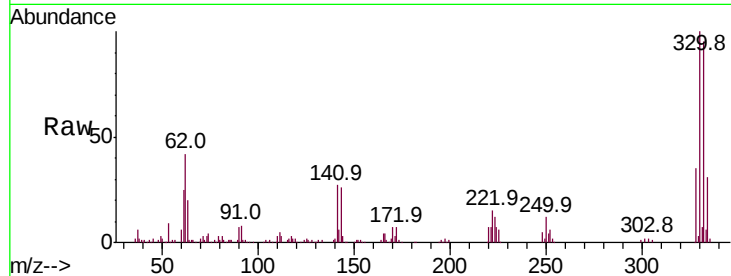
#41
 2,4,6-Tribromophenol
 Concen: 89.673 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107745.D
 Acq: 27 Jul 2018 14:59

Instrument :
 BNA_F
 ClientSampled :
 GS-PIT-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	294525		
332	95.3	77.0	115.6	
141	28.8	29.9	44.9#	

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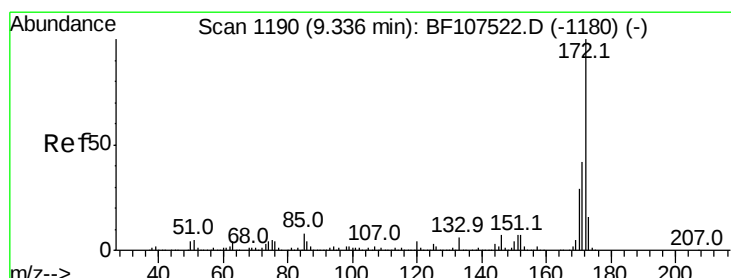
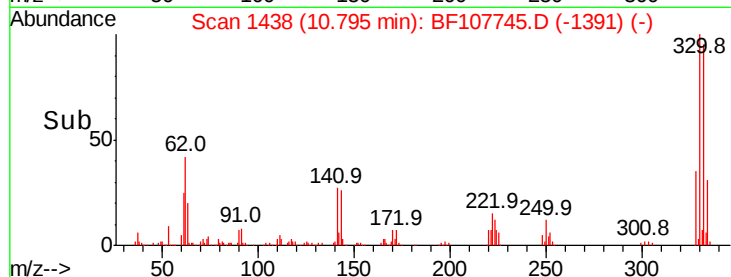
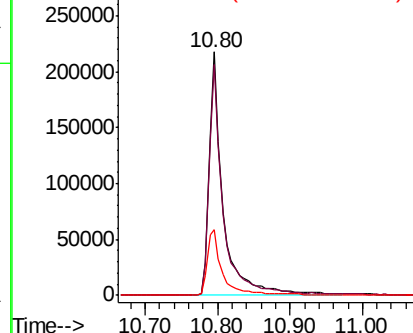


Abundance

Ion 329.80 (329.50 to 330.50): E

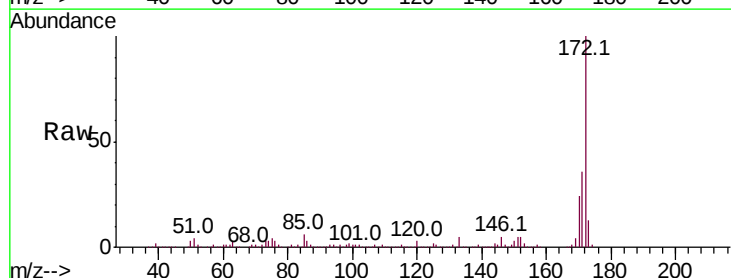
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.686 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107745.D
 Acq: 27 Jul 2018 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1139234		
171	36.2	29.7	44.5	
170	23.8	19.6	29.4	

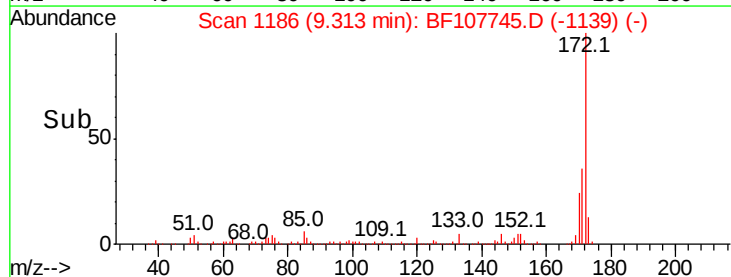
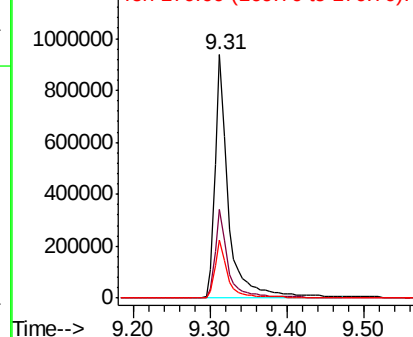


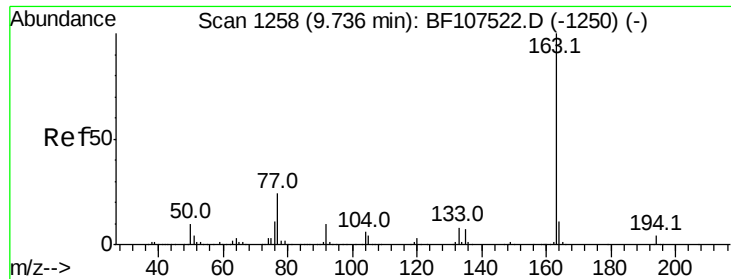
Abundance

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





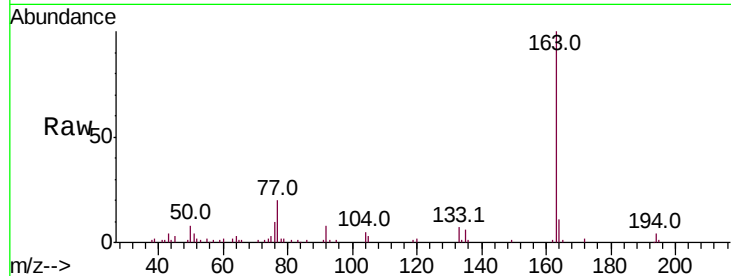
#49
Dimethylphthalate
Concen: 4.149 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
GS-PIT-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.1	8.2	12.2

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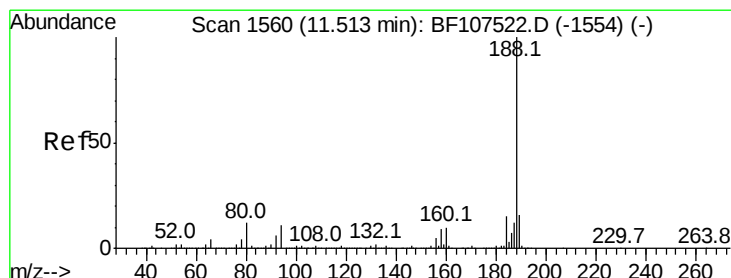
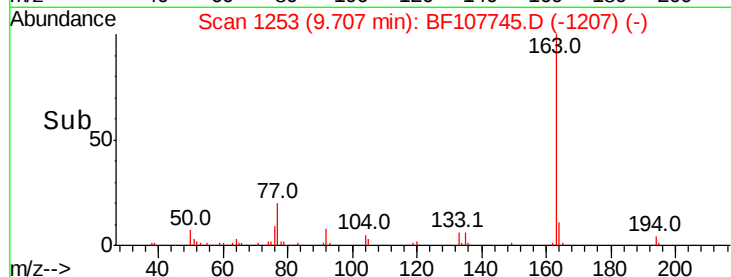
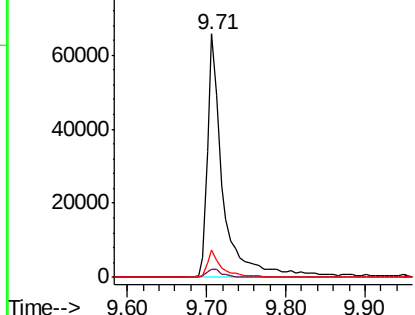


Abundance

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



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

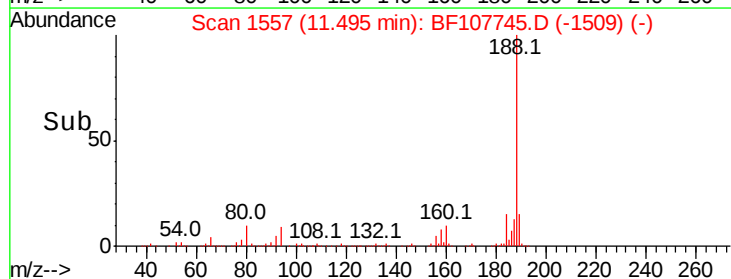
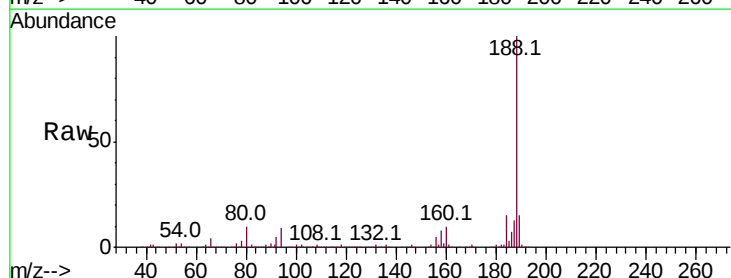
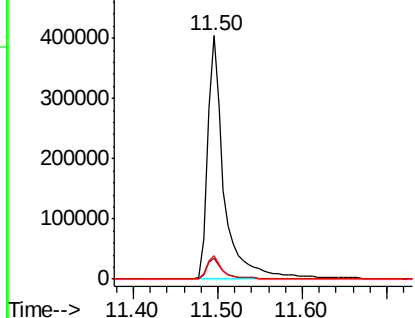
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.7	9.2	13.8

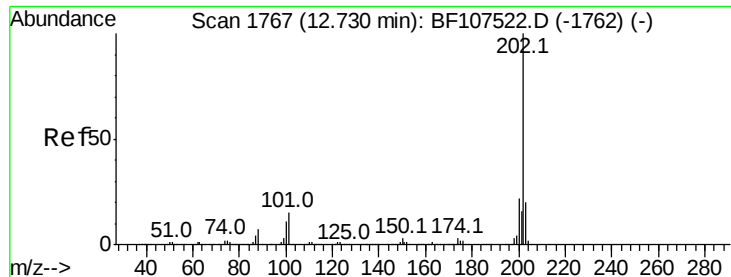
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.316 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF107745.D

Acq: 27 Jul 2018 14:59

Instrument :

BNA_F

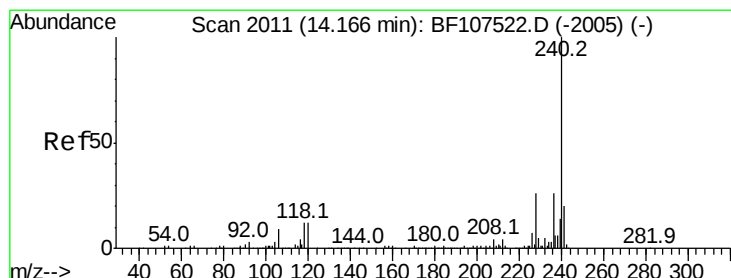
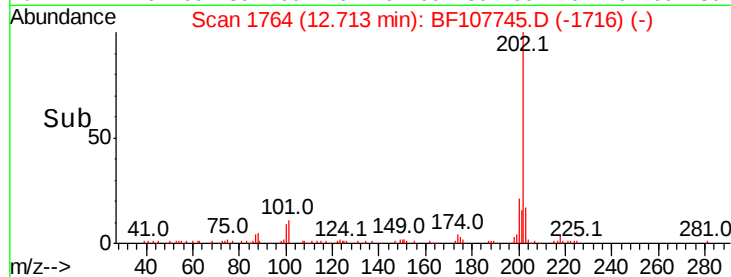
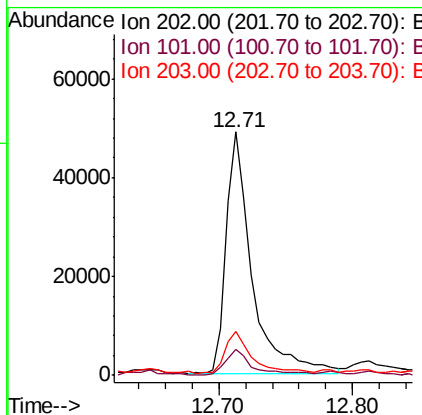
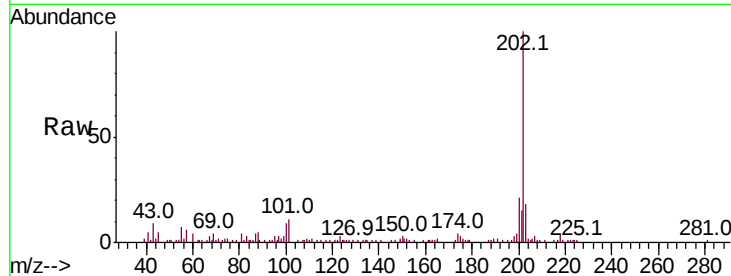
ClientSampleId :

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Tot Ion:	202	Resp:	66674
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	34.1
203	18.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

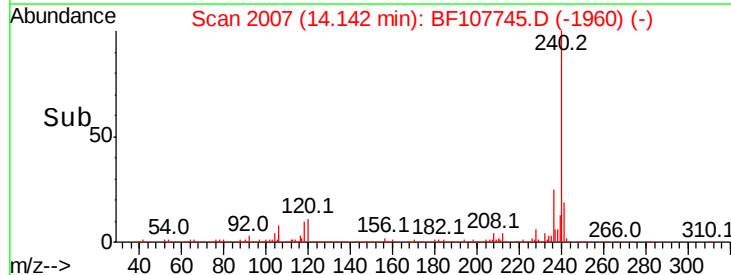
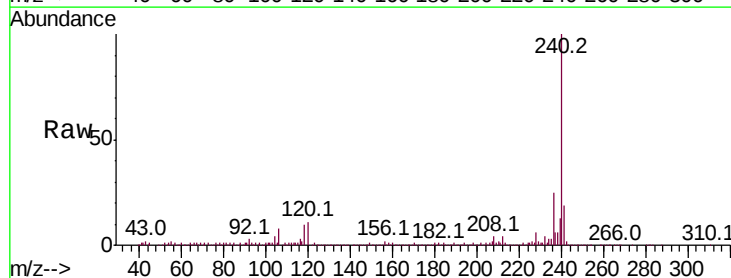
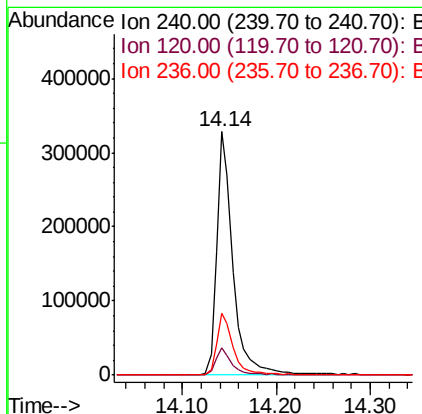
RT: 14.14 min Scan# 2007

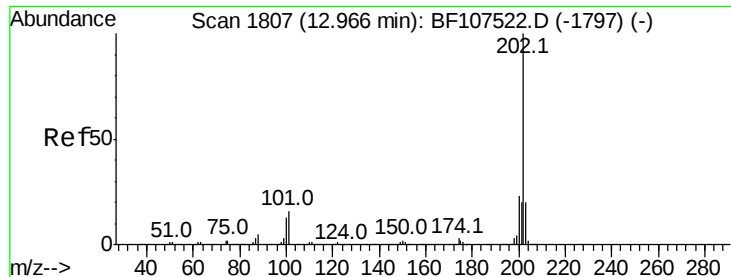
Delta R.T. -0.02 min

Lab File: BF107745.D

Acq: 27 Jul 2018 14:59

Tgt Ion:	240	Resp:	399168
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.5	14.3
236	25.2	20.7	31.1





#77

Pvrene

Concen: 3.525 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF107745.D

Acq: 27 Jul 2018 14:59

Instrument :

BNA_F

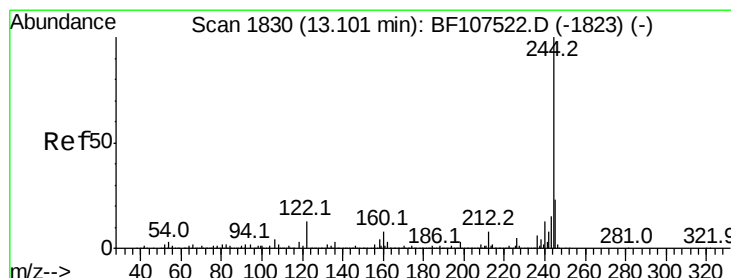
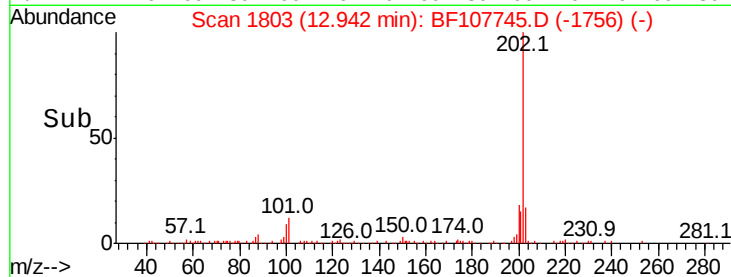
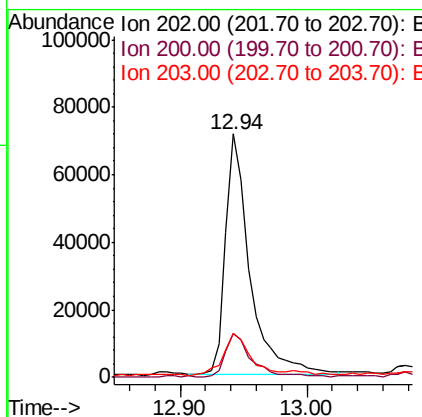
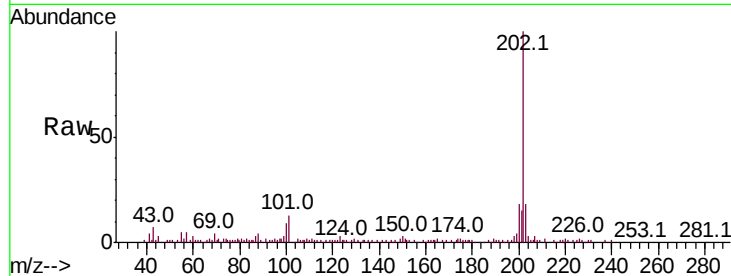
ClientSampled :

GS-PIT-2

Tot Ion:	202	Resp:	96234
Ion Ratio	Lower	Upper	
202	100		
200	18.2	17.4	26.2
203	18.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 63.612 ng

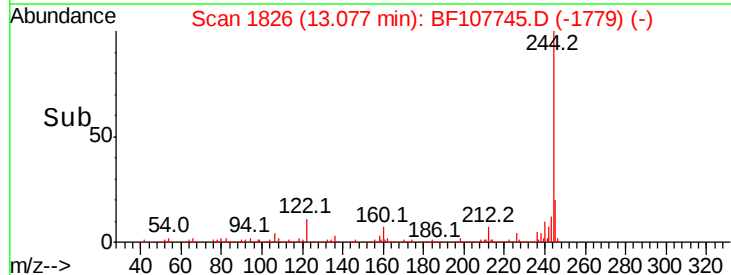
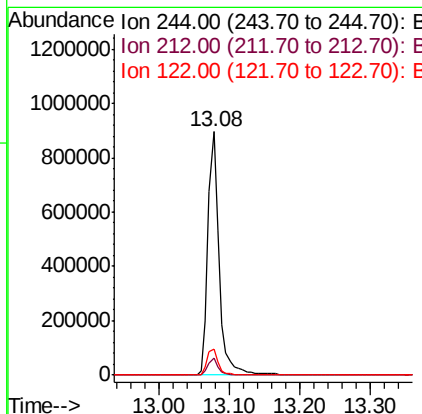
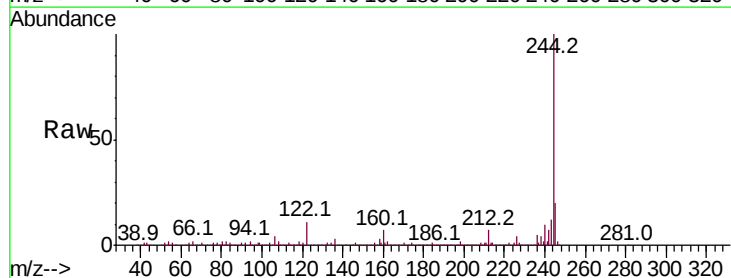
RT: 13.08 min Scan# 1826

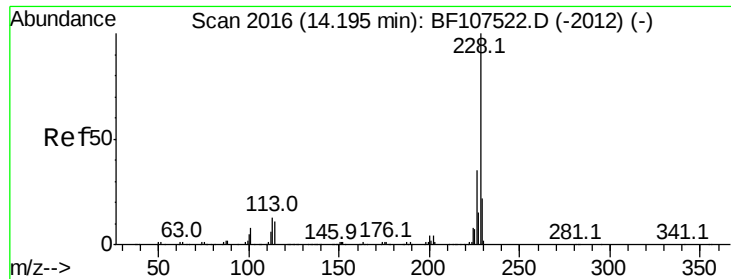
Delta R.T. -0.02 min

Lab File: BF107745.D

Acq: 27 Jul 2018 14:59

Tgt Ion:	244	Resp:	991841
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	10.8	11.0	16.4#





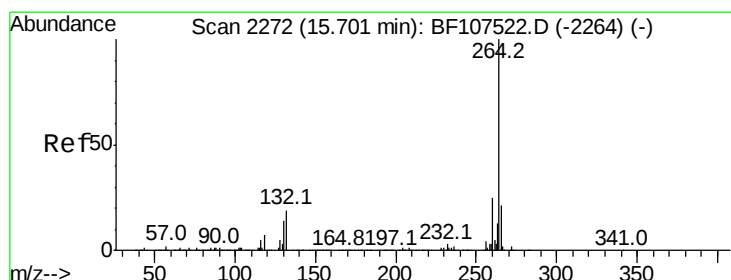
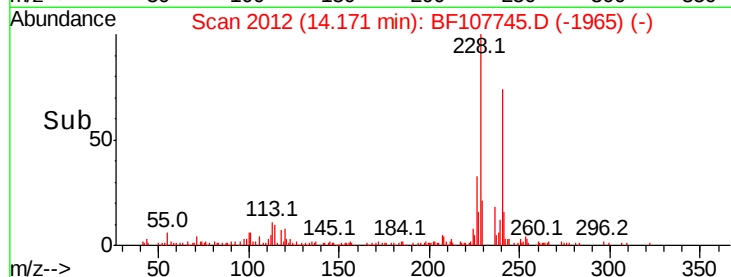
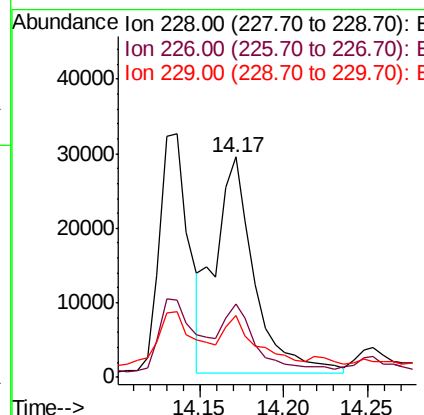
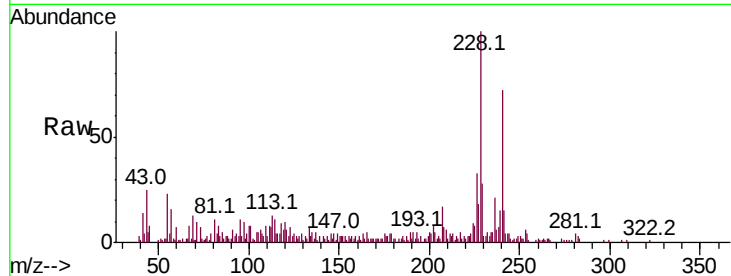
#82
 Chrysene
 Concen: 2.114 ng/mL
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF107745.D
 Acq: 27 Jul 2018 14:59

Instrument :
 BNA_F
 ClientSampled :
 GS-PIT-2

Tot Ion:	228	Resp:	47499
Ion Ratio	Lower	Upper	
228	100		
226	33.4	25.0	37.6
229	27.9	16.2	24.4

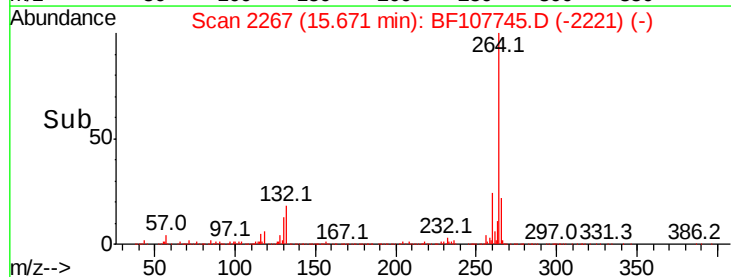
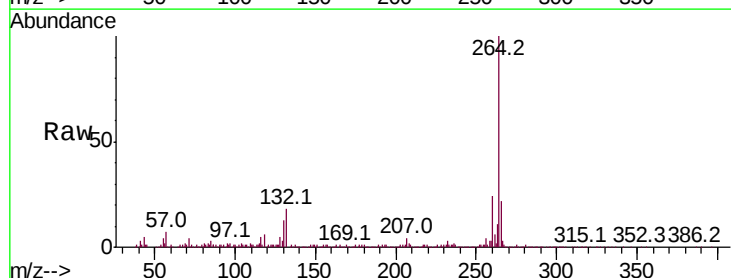
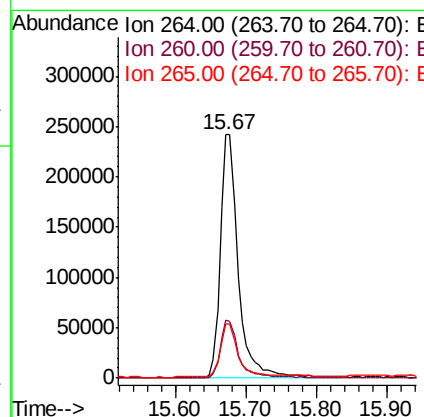
Manual Integrations
 APPROVED

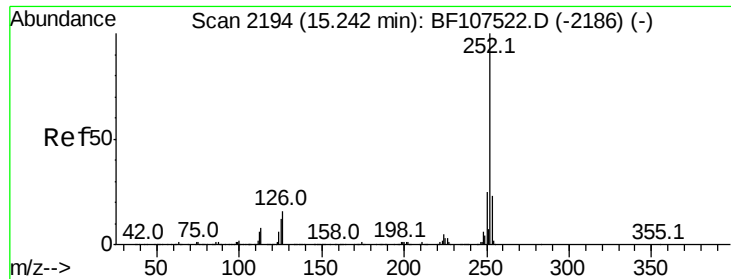
Sohil
 7/30/2018 5:40:16 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.03 min
 Lab File: BF107745.D
 Acq: 27 Jul 2018 14:59

Tgt Ion:	264	Resp:	429456
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.086 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BF107745.D

Acq: 27 Jul 2018 14:59

Instrument :

BNA_F

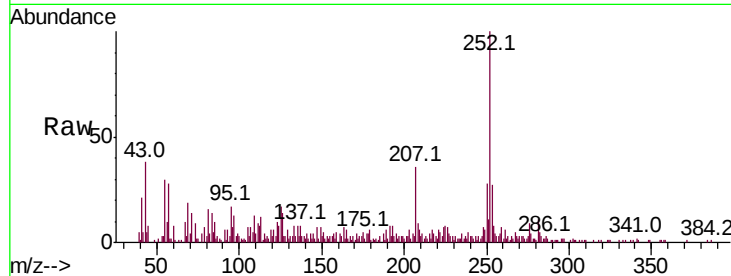
ClientSampleId :

GS-PIT-2

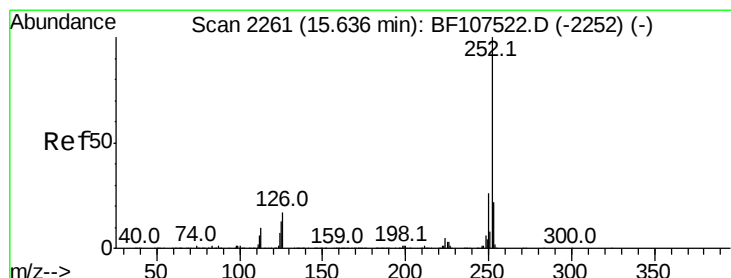
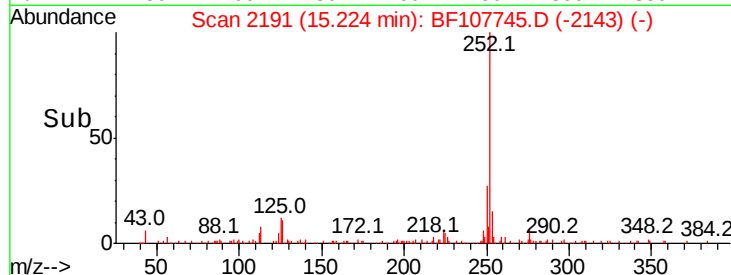
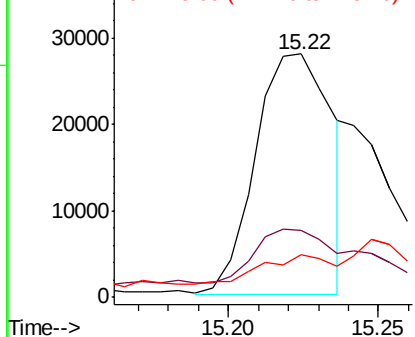
Tot Ion:	252	Resp:	49031
Ion Ratio	Lower	Upper	
252	100		
253	27.3	17.0	25.6#
125	17.4	9.0	13.6#

Manual Integrations
APPROVED

Sohil
7/30/2018 5:40:16 PM



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: 2.436 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BF107745.D

Acq: 27 Jul 2018 14:59

Tgt Ion:	252	Resp:	52383
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.1	25.7
125	13.9	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

