

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107864.D
 Acq On : 31 Jul 2018 21:54
 Operator : JU/SJ
 Sample : J4236-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-A

Manual Integrations
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Quant Time: Aug 01 03:31:31 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	157991	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	664137	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	287321	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	515775	20.00	ng	0.00
75) Chrysene-d12	14.15	240	438140	20.00	ng	0.00
86) Perylene-d12	15.68	264	443915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	973569	104.73	ng	0.00
7) Phenol-d6	6.60	99	1194116	97.47	ng	0.00
23) Nitrobenzene-d5	7.52	82	802015	69.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	320597	82.12	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1492915	72.41	ng	0.00
78) Terphenyl-d14	13.08	244	1169470	57.88	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	99769	4.624	ng	99
70) Phenanthrene	11.52	178	70101	2.862	ng	96
74) Fluoranthene	12.71	202	130643	4.541	ng	98
77) Pyrene	12.95	202	127016	4.026	ng	97
80) Benzo(a)anthracene	14.14	228	67483	2.719	ng	98
82) Chrysene	14.18	228	62350	2.329	ng	97
87) Benzo(b)fluoranthene	15.23	252	73675m	3.365	ng	
89) Benzo(a)pyrene	15.62	252	57924	2.563	ng	# 87

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

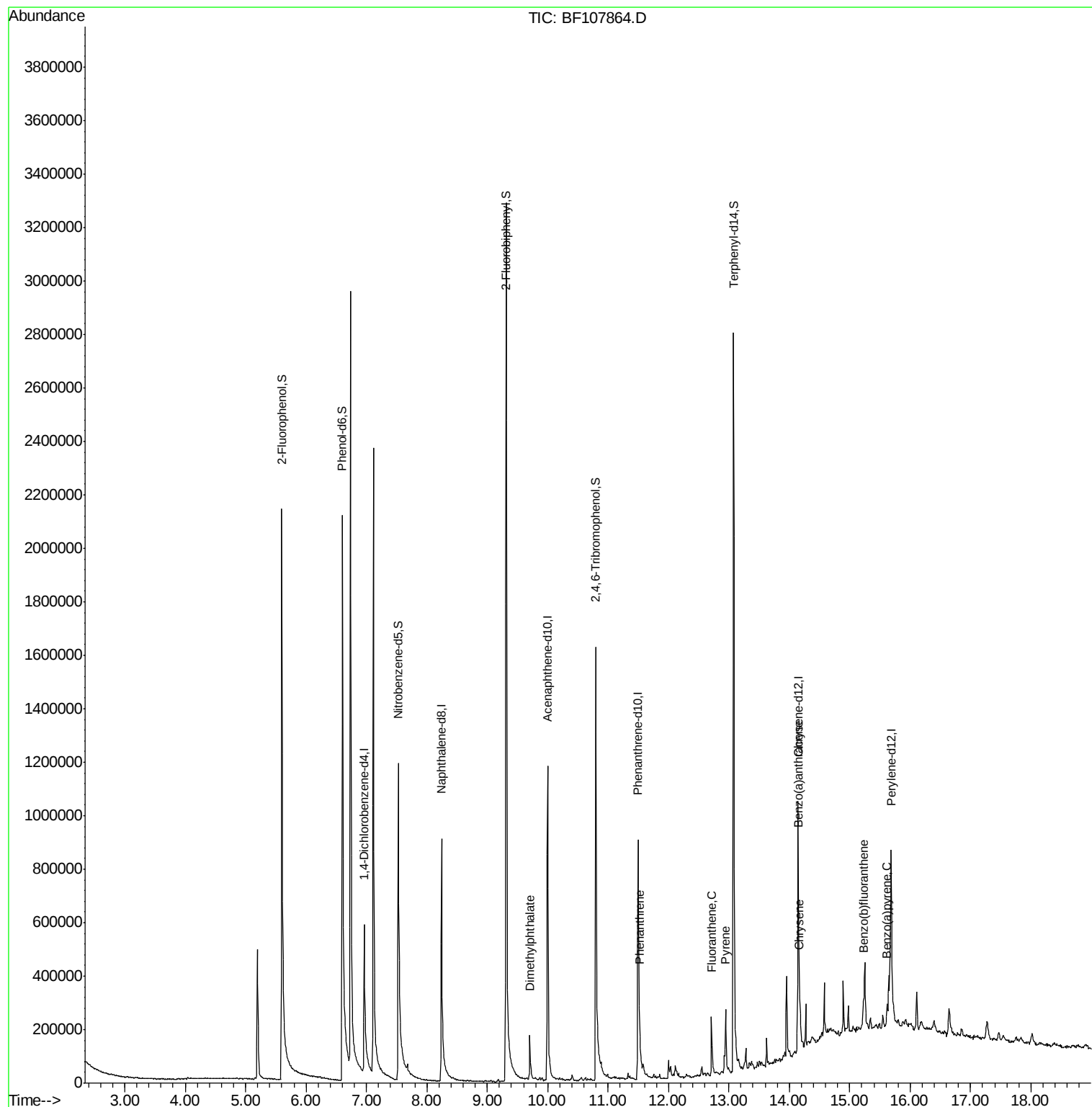
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107864.D
Acq On : 31 Jul 2018 21:54
Operator : JU/SJ
Sample : J4236-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

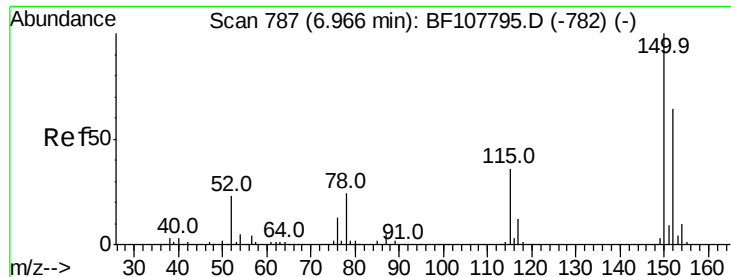
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-A

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Quant Time: Aug 01 03:31:31 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





#1

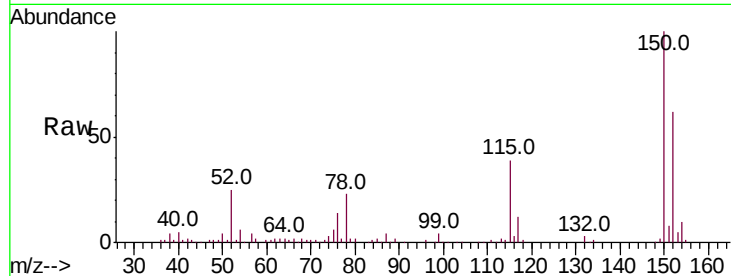
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107864.D
Acq: 31 Jul 2018 21:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	61.9	50.1	75.1

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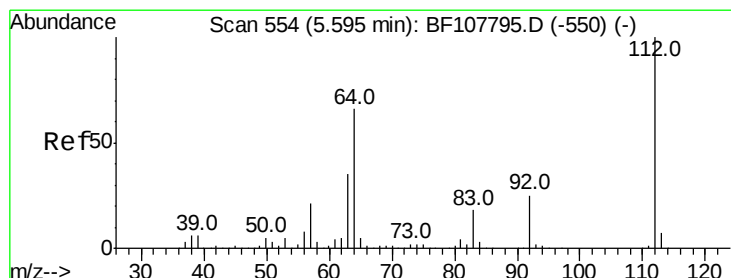
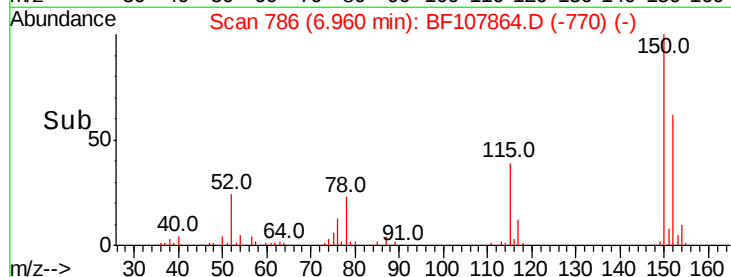
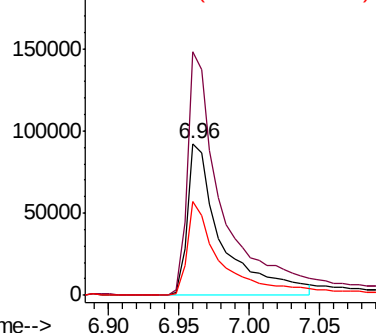


Abundance

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: 104.729 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107864.D
Acq: 31 Jul 2018 21:54

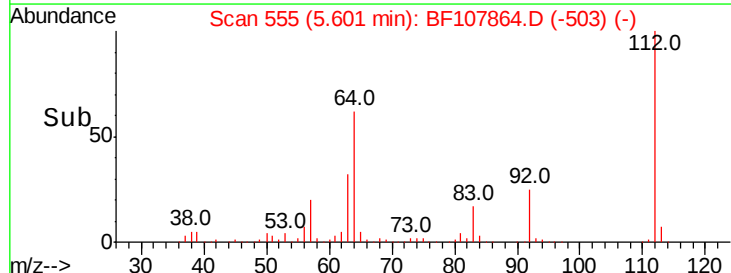
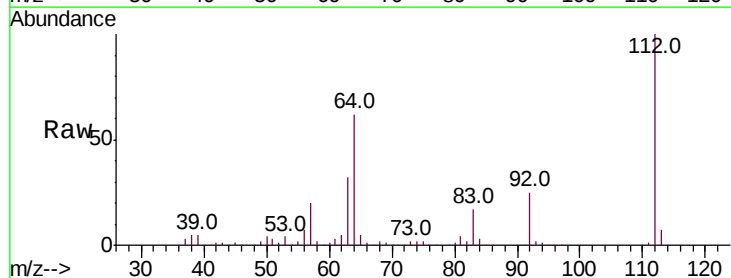
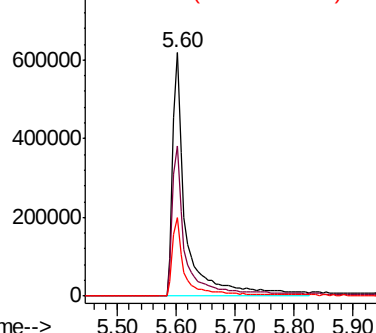
Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	32.0	23.7	35.5

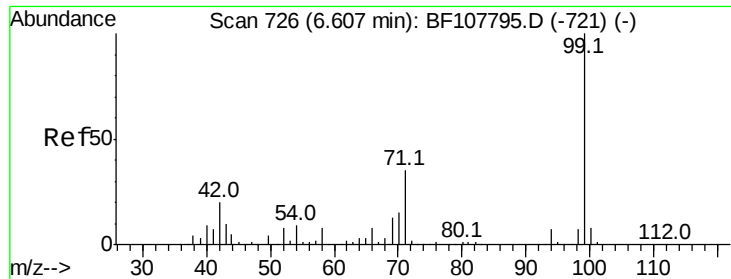
Abundance

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: 97.465 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107864.D

Acq: 31 Jul 2018 21:54

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-A

Tot Ion: 99 Resp: 1194116

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

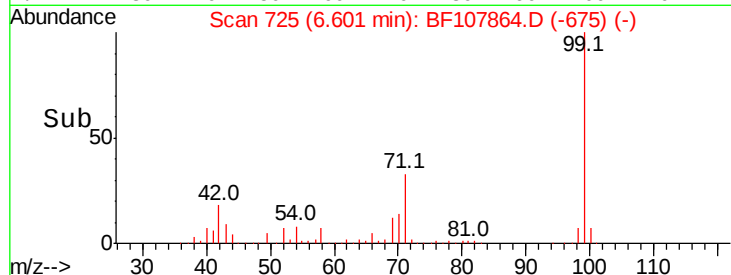
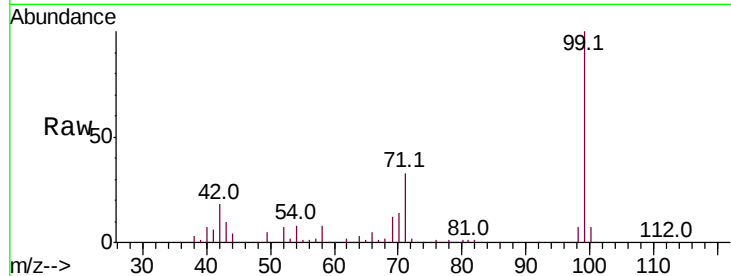
71 33.1 25.4 38.0

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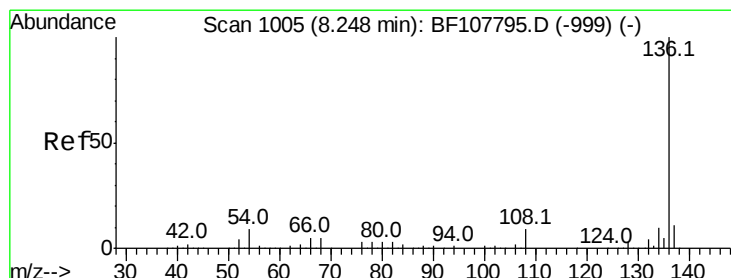
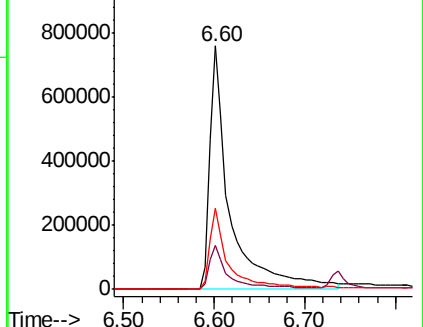
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107864.D

Acq: 31 Jul 2018 21:54

Tgt Ion: 136 Resp: 664137

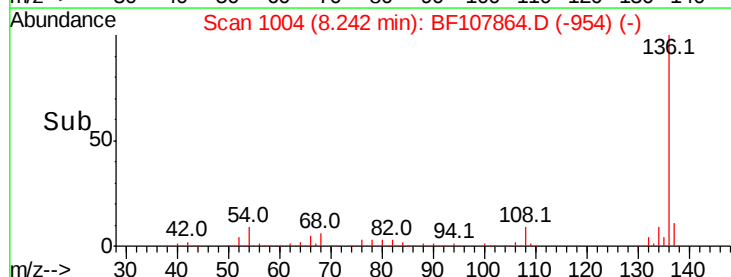
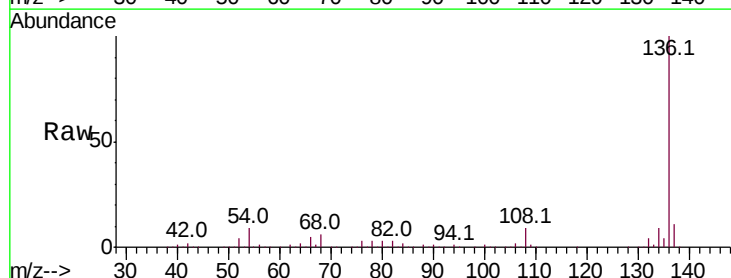
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.3 6.6 9.8

68 5.8 5.0 7.4

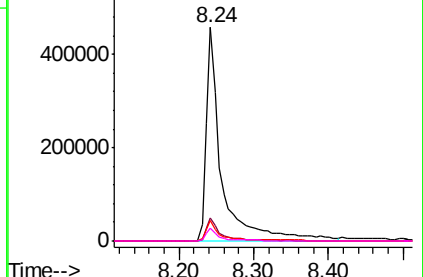


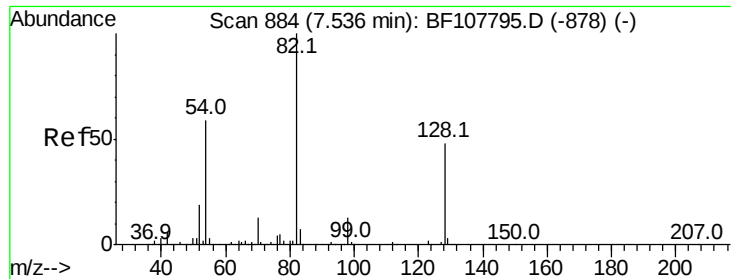
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





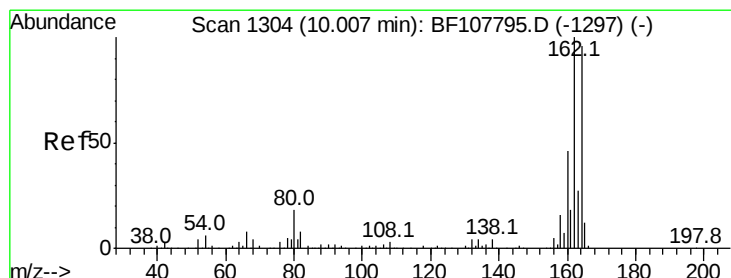
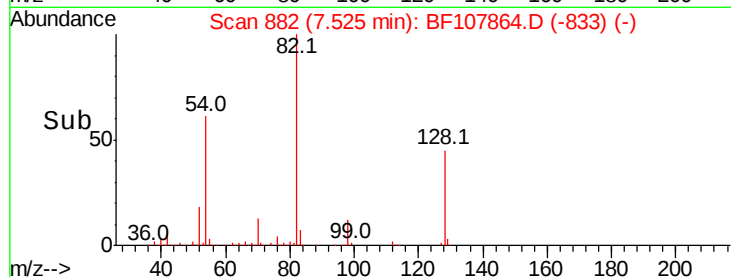
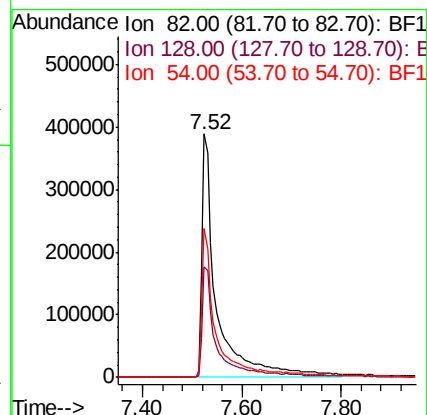
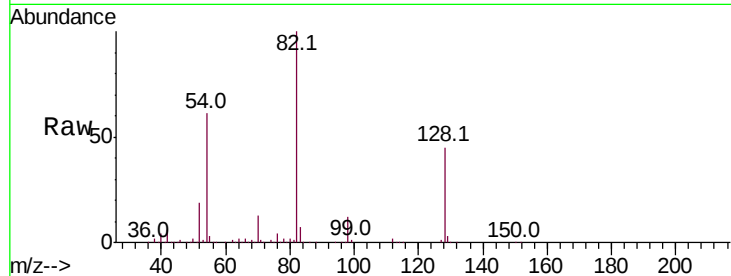
#23
Nitrobenzene-d5
Concen: 69.571 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107864.D
Acq: 31 Jul 2018 21:54

Instrument :
BNA_F
ClientSampled :
FK-GF-01-010-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	61.0	41.4	62.2

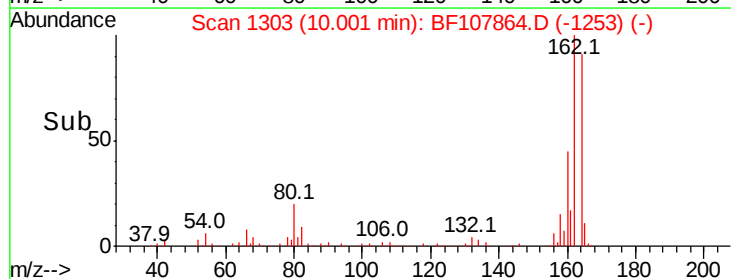
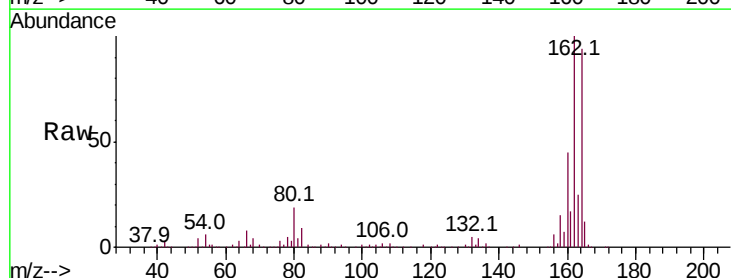
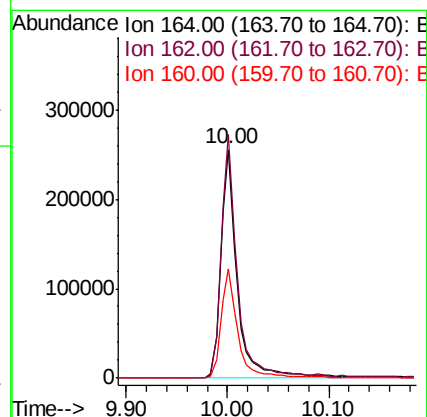
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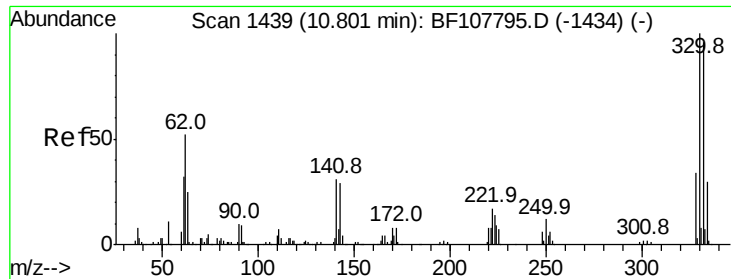
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107864.D
Acq: 31 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	48.1	38.3	57.5





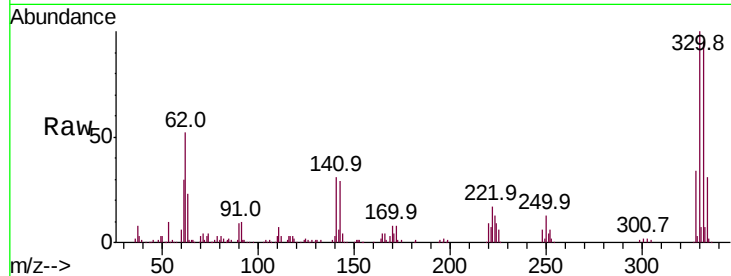
#41
 2,4,6-Tribromophenol
 Concen: 82.118 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107864.D
 Acq: 31 Jul 2018 21:54

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-A

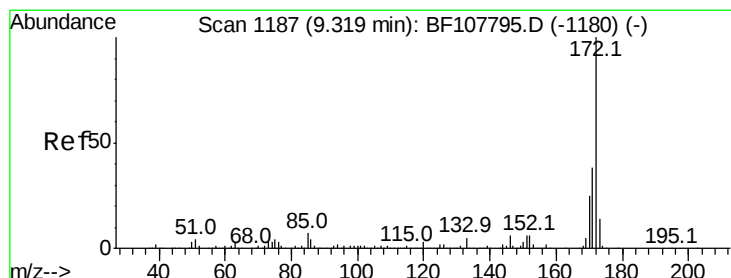
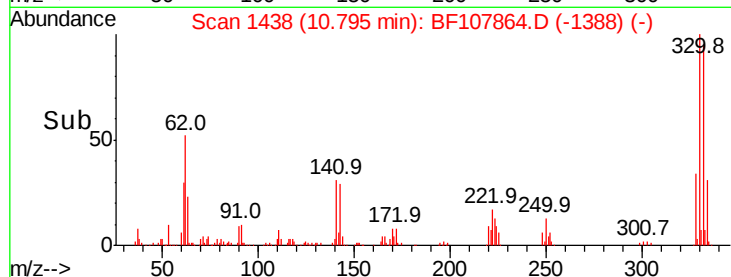
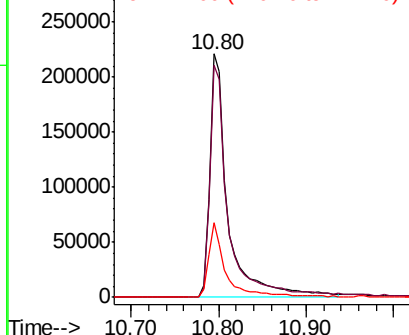
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	28.7	29.9	44.9#

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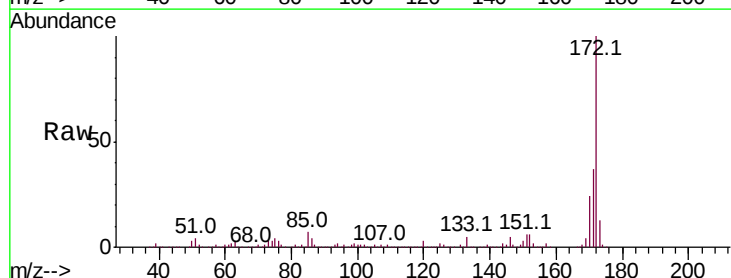


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

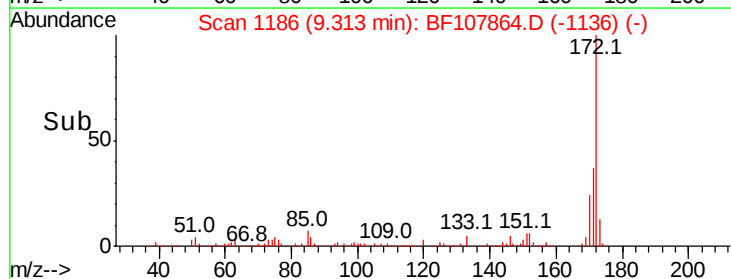
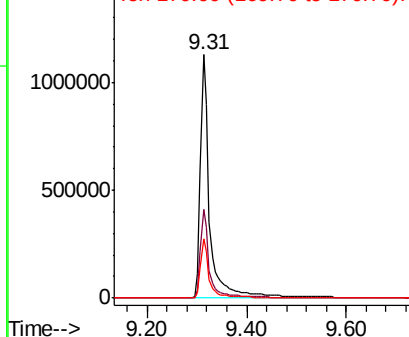


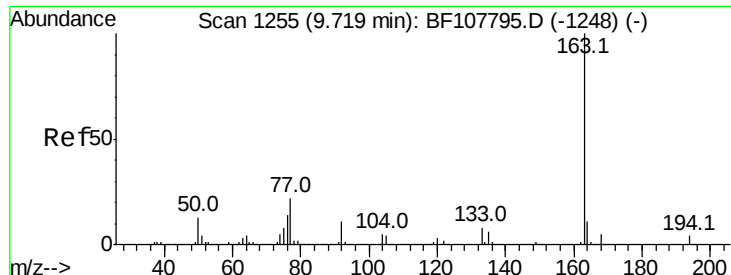
#44
 2-Fluorobiphenyl
 Concen: 72.406 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107864.D
 Acq: 31 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	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





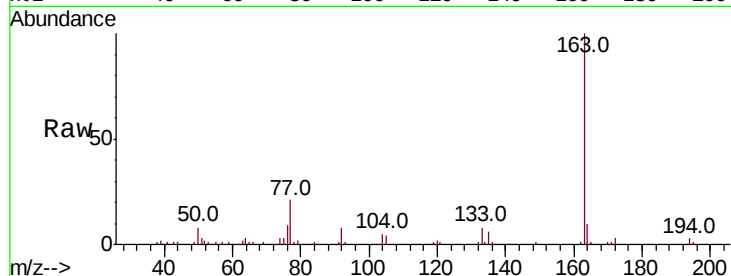
#49
Dimethylphthalate
Concen: 4.624 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107864.D
Acq: 31 Jul 2018 21:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-A

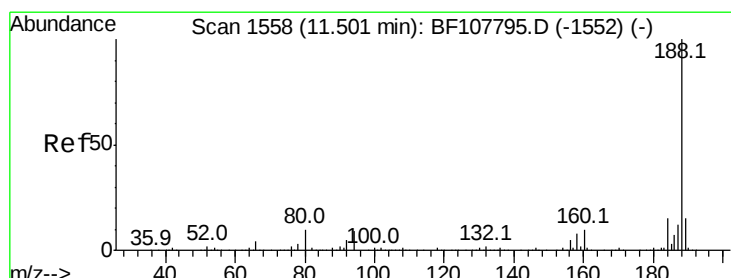
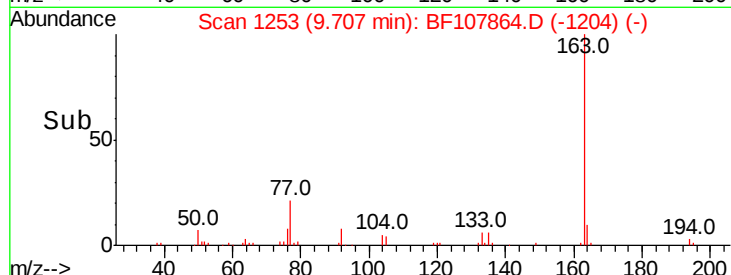
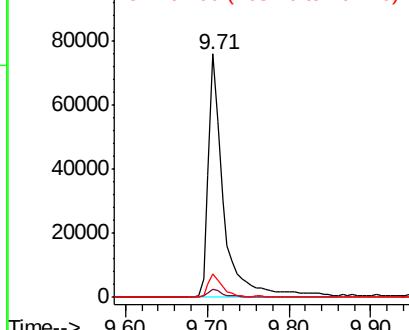
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2

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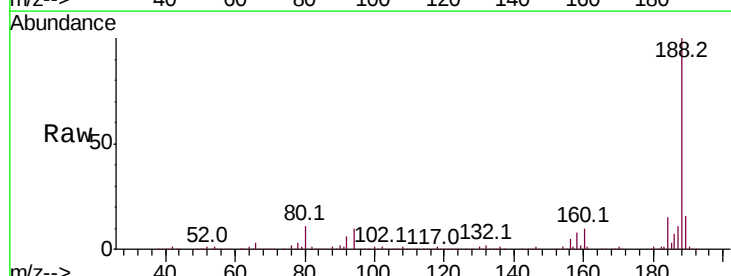


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

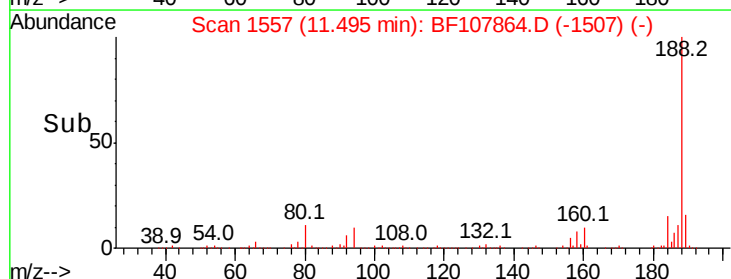
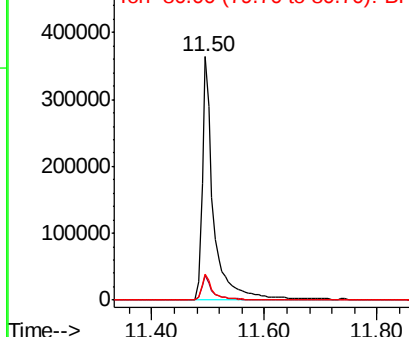


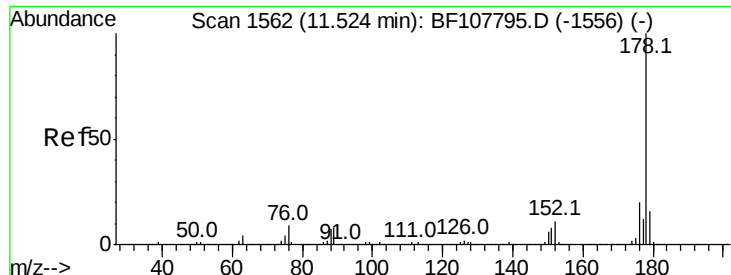
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107864.D
Acq: 31 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.8	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





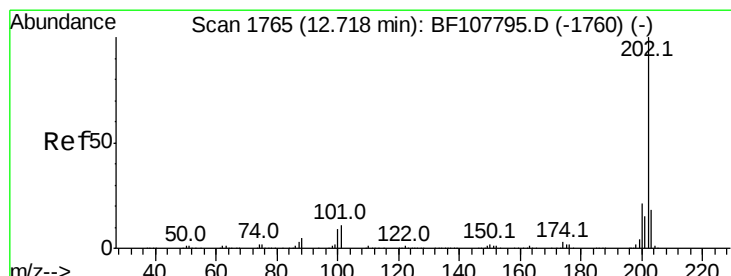
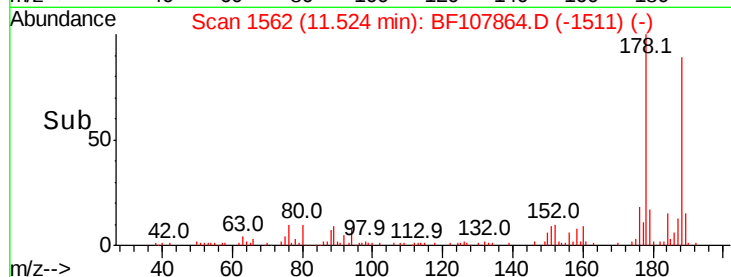
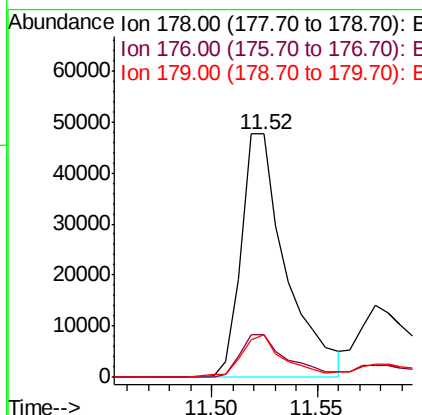
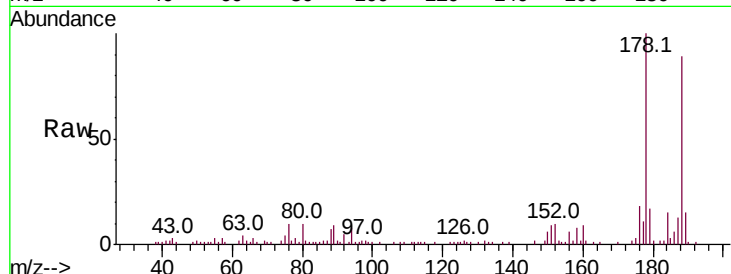
#70
Phenanthrene
Concen: 2.862 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107864.D
Acq: 31 Jul 2018 21:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	17.3	13.0	19.6

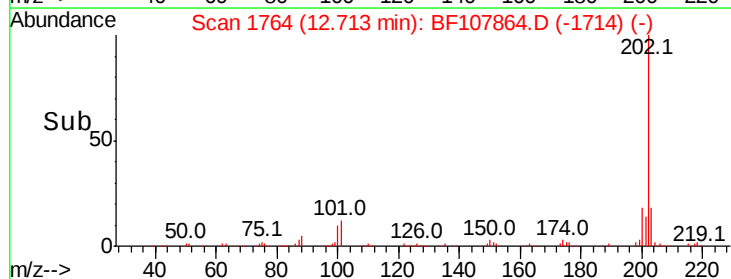
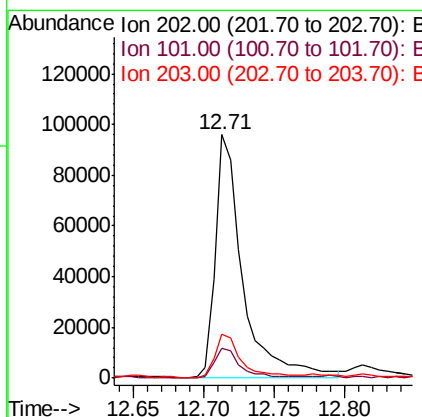
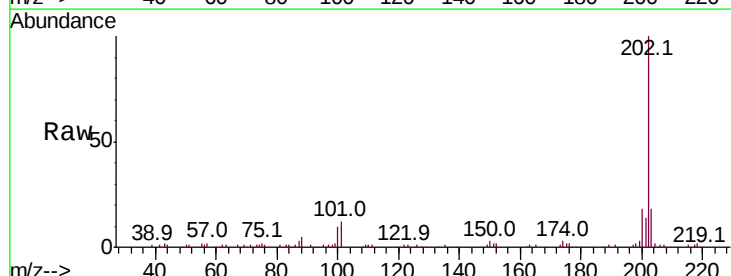
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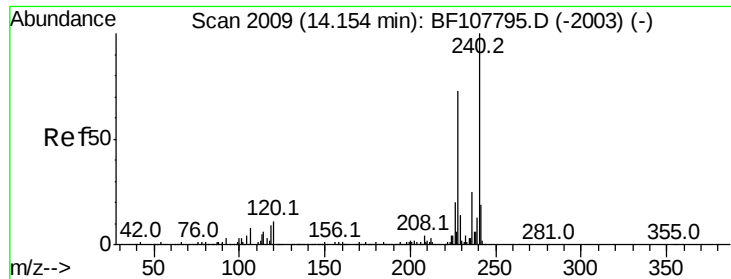
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#74
Fluoranthene
Concen: 4.541 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107864.D
Acq: 31 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107864.D

Acq: 31 Jul 2018 21:54

Instrument :

BNA_F

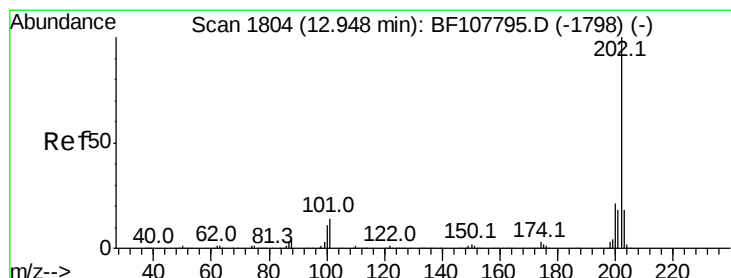
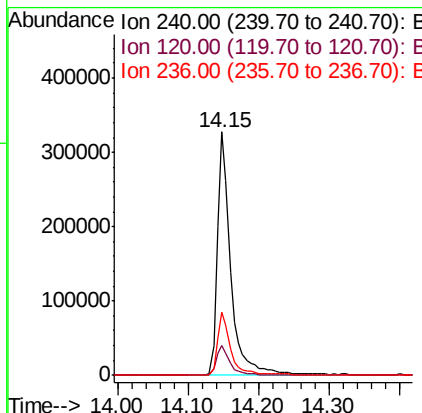
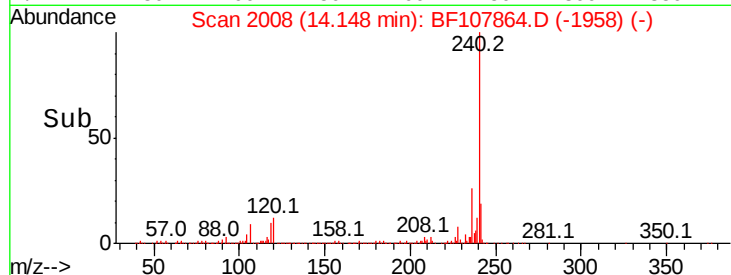
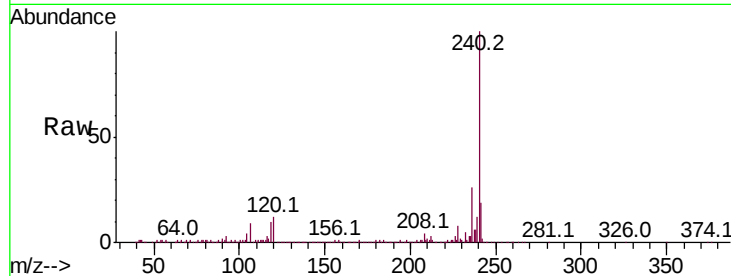
ClientSampleId :

FK-GF-01-010-A

Tot Ion:	240	Resp:	438140
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 4.026 ng

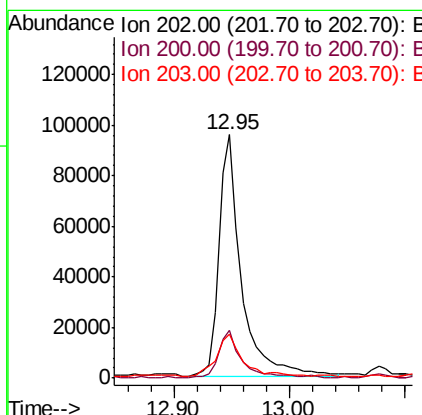
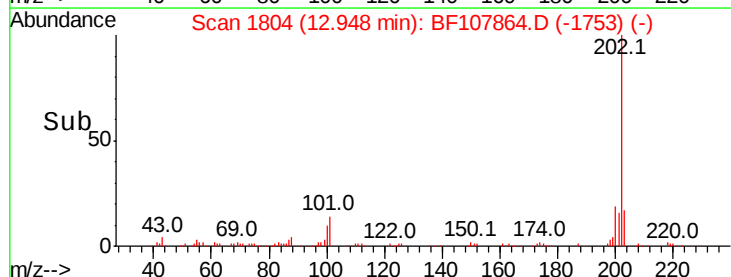
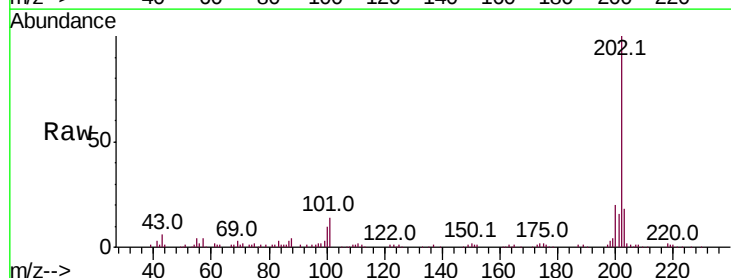
RT: 12.95 min Scan# 1804

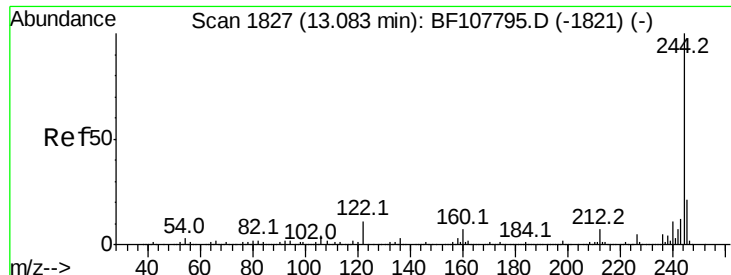
Delta R.T. 0.00 min

Lab File: BF107864.D

Acq: 31 Jul 2018 21:54

Tgt Ion:	202	Resp:	127016
Ion Ratio	Lower	Upper	
202	100		
200	19.6	17.4	26.2
203	18.3	14.3	21.5





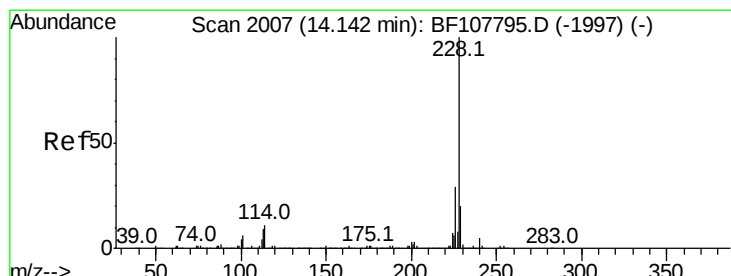
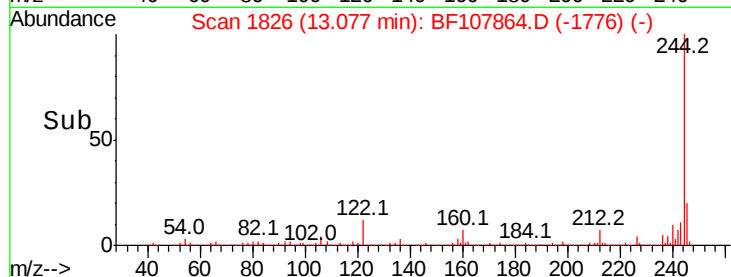
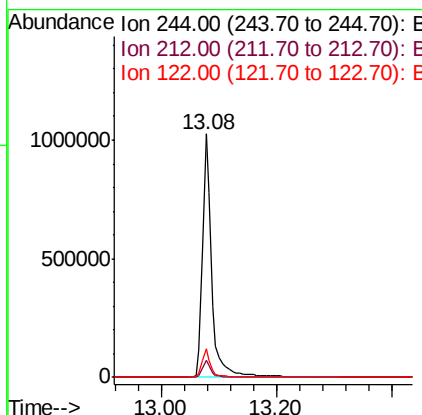
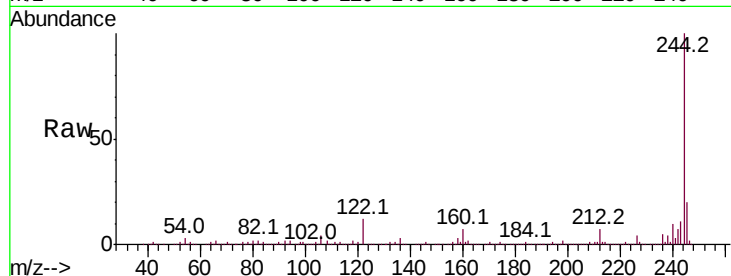
#78
 Terphenyl-d14
 Concen: 57.879 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107864.D
 Acq: 31 Jul 2018 21:54

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-A

Tot Ion:244 Resp: 1169470
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.8 11.0 16.4

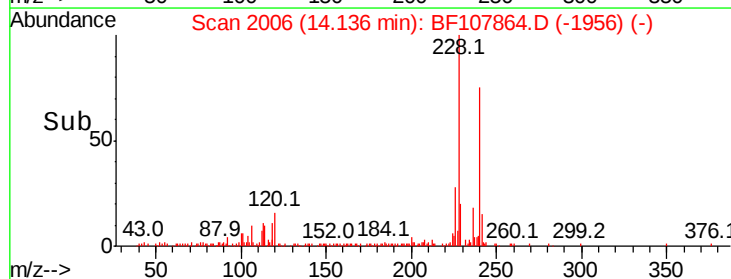
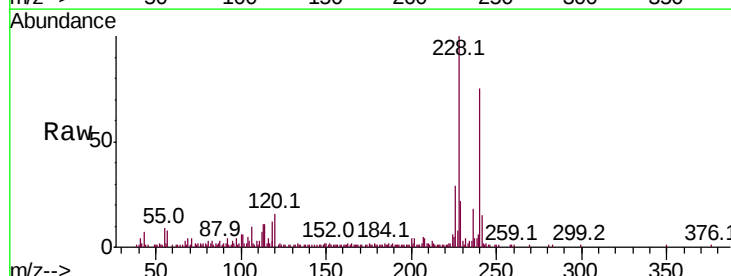
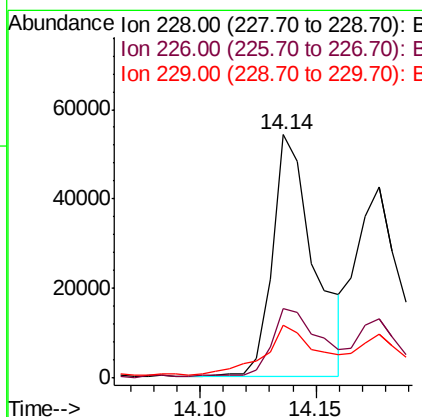
Manual Integrations
 APPROVED

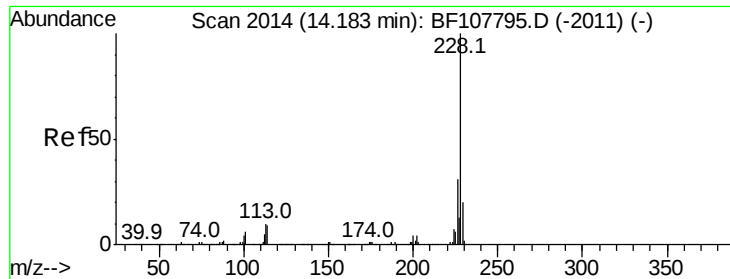
Sohil
 8/1/2018 3:57:28 PM



#80
 Benzo(a)anthracene
 Concen: 2.719 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF107864.D
 Acq: 31 Jul 2018 21:54

Tgt Ion:228 Resp: 67483
 Ion Ratio Lower Upper
 228 100
 226 28.5 22.6 33.8
 229 21.6 15.8 23.6





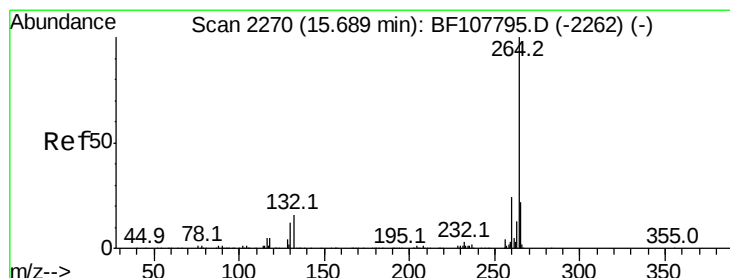
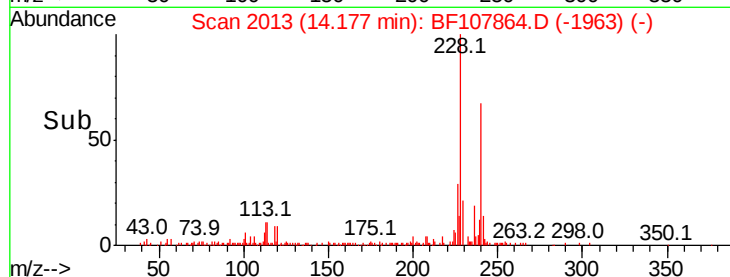
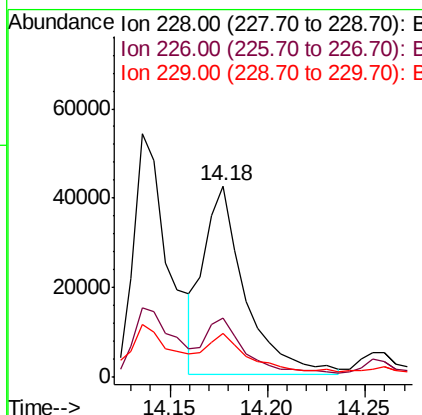
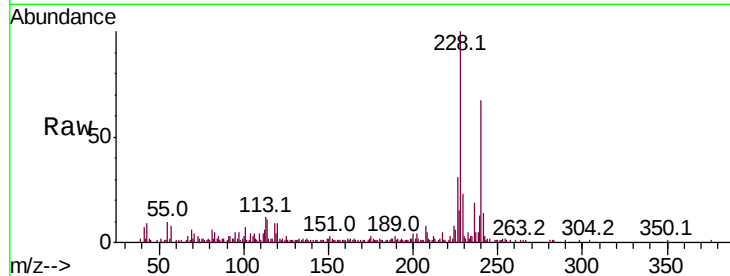
#82
Chrysene
Concen: 2.329 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF107864.D
Acq: 31 Jul 2018 21:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-A

Tot Ion:	228	Resp:	62350
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	23.1	16.2	24.4

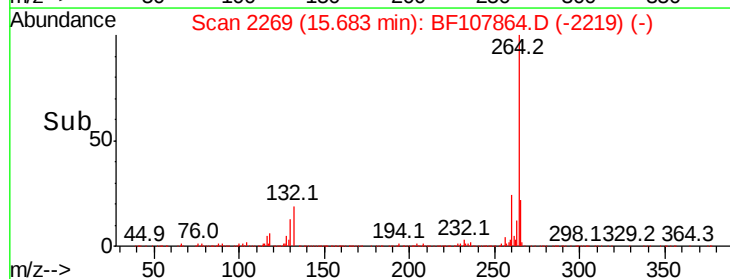
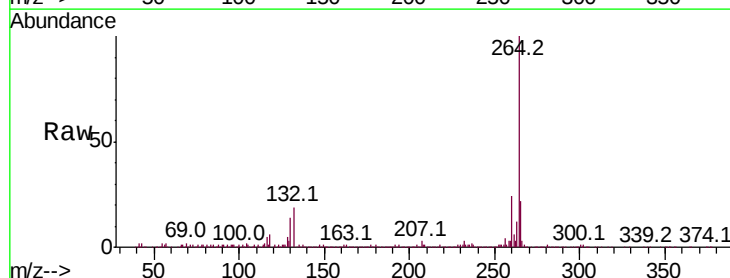
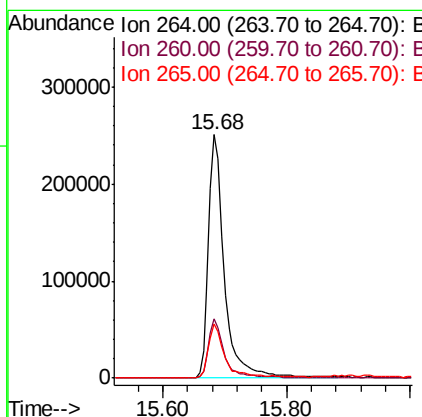
Manual Integrations
APPROVED

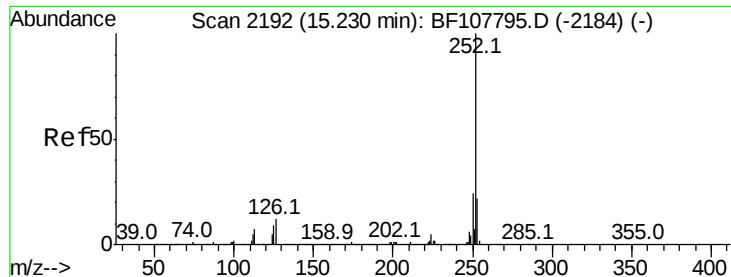
Sohil
8/1/2018 3:57:28 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107864.D
Acq: 31 Jul 2018 21:54

Tgt Ion:	264	Resp:	443915
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.365 ng/mL

RT: 15.23 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BF107864.D

Acq: 31 Jul 2018 21:54

Instrument :

BNA_F

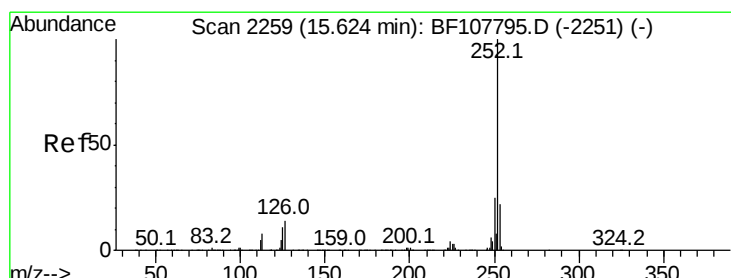
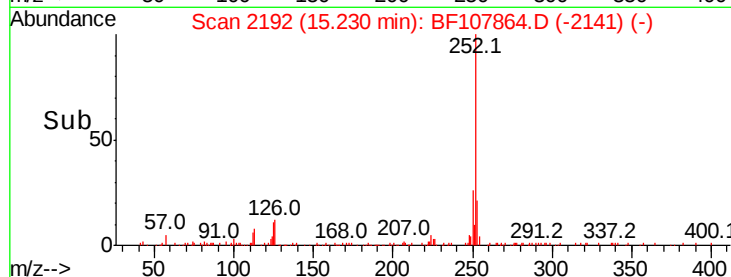
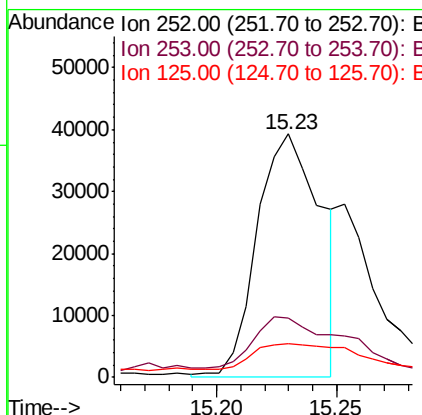
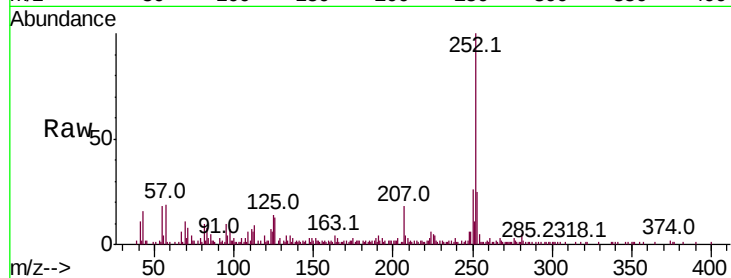
ClientSampleId :

FK-GF-01-010-A

Tot Ion:	252	Resp:	73675
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.0	25.6
125	14.0	9.0	13.6#

Manual Integrations
APPROVED

Sohil
8/1/2018 3:57:28 PM



#89

Benzo(a)pyrene

Concen: 2.563 ng/mL

RT: 15.62 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF107864.D

Acq: 31 Jul 2018 21:54

Tgt Ion:	252	Resp:	57924
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.1	25.7#
125	18.1	9.8	14.6#

