

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107482.D
 Acq On : 18 Jul 2018 17:20
 Operator : JU/SJ
 Sample : J4016-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB2-U-23-13

Manual Integrations
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Sohil
 7/19/2018 11:49:39 AM

Quant Time: Jul 18 18:55:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	140025	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	523320	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	252861	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	474566	20.00	ng	0.00
75) Chrysene-d12	14.17	240	335133	20.00	ng	0.00
86) Perylene-d12	15.71	264	306091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	788887	85.56	ng	0.01
7) Phenol-d6	6.61	99	1031728	86.55	ng	0.00
23) Nitrobenzene-d5	7.55	82	745999	76.01	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	209964	94.51	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1158583	75.14	ng	0.00
78) Terphenyl-d14	13.11	244	932788	69.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	231826	11.539	ng	100
70) Phenanthrene	11.55	178	164571	6.959	ng	97
74) Fluoranthene	12.74	202	238336	8.866	ng	90
77) Pyrene	12.97	202	201398	8.837	ng	95
80) Benzo(a)anthracene	14.16	228	89187m	4.349	ng	
82) Chrysene	14.20	228	95306m	4.866	ng	
85) Indeno(1,2,3-cd)pyrene	17.29	276	39102	2.804	ng	# 83
87) Benzo(b)fluoranthene	15.25	252	102790m	5.737	ng	
88) Benzo(k)fluoranthene	15.27	252	48532m	2.776	ng	
89) Benzo(a)pyrene	15.64	252	78656	4.783	ng	# 91
91) Benzo(g,h,i)perylene	17.77	276	37404	2.966	ng	# 88

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

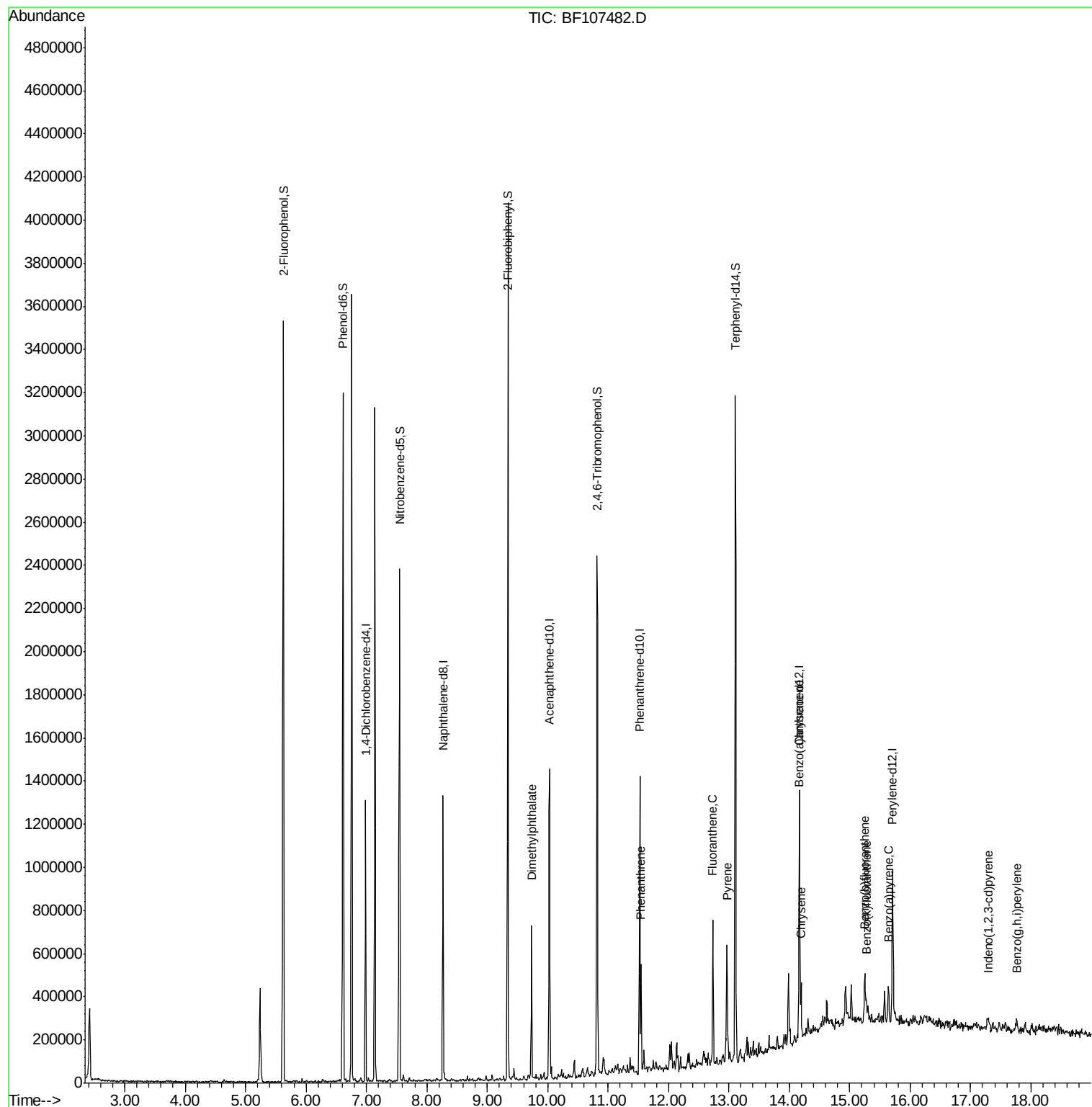
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
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ALS Vial : 20 Sample Multiplier: 1

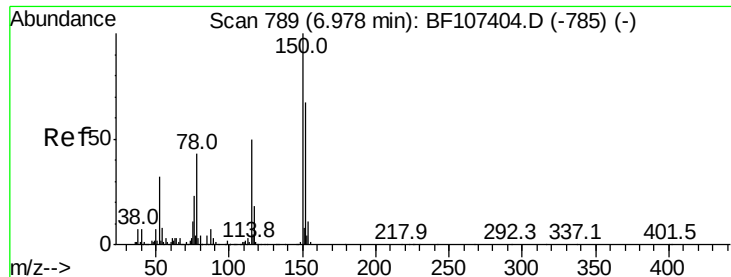
Instrument :
BNA_F
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SB2-U-23-13

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF107482.D

Acq: 18 Jul 2018 17:20

Instrument :

BNA_F

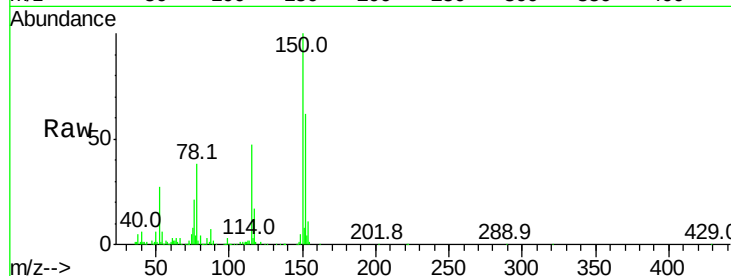
ClientSampleId :

SB2-U-23-13

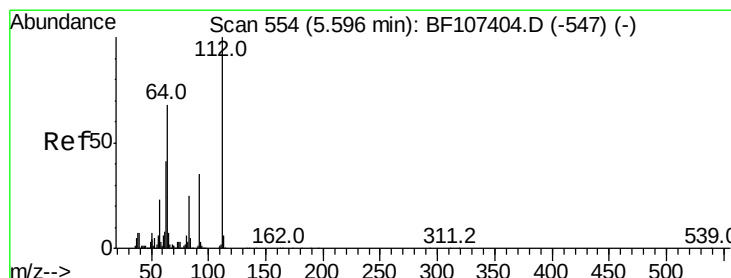
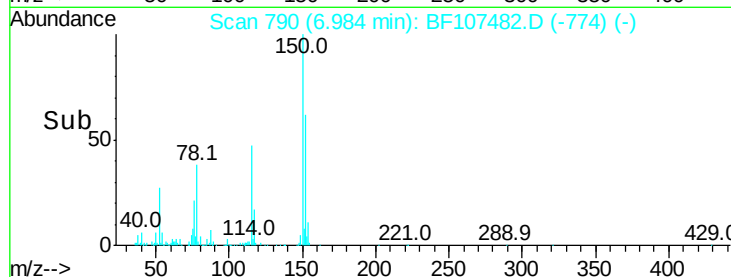
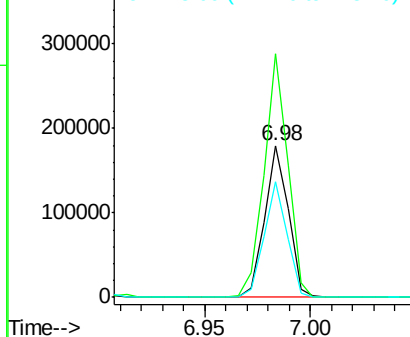
Tot Ion:	152	Resp:	140025
Ion Ratio	Lower	Upper	
152	100		
150	160.7	124.6	186.8
115	76.3	50.1	75.1#

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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: 85.564 ng

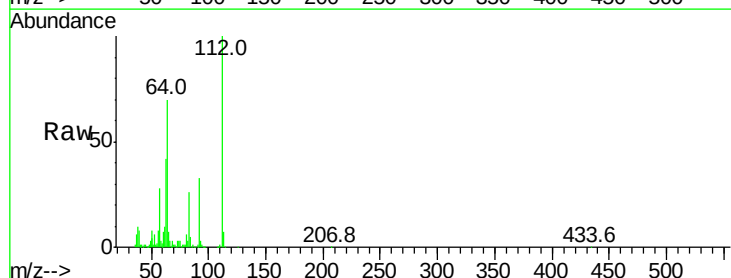
RT: 5.62 min Scan# 559

Delta R.T. 0.01 min

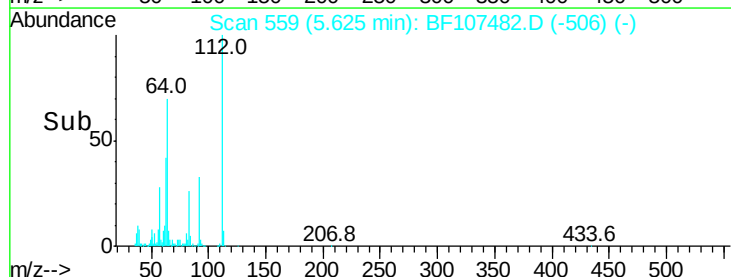
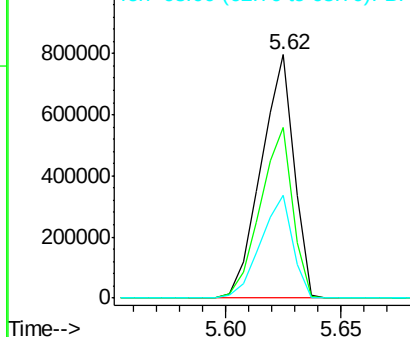
Lab File: BF107482.D

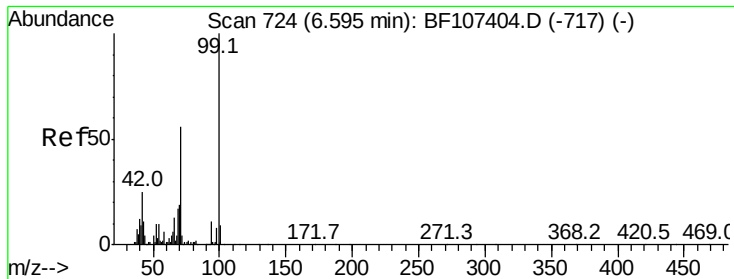
Acq: 18 Jul 2018 17:20

Tgt Ion:	112	Resp:	788887
Ion Ratio	Lower	Upper	
112	100		
64	70.3	47.9	71.9
63	42.3	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: 86.553 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107482.D

Acq: 18 Jul 2018 17:20

Instrument :

BNA_F

ClientSampleId :

SB2-U-23-13

Tot Ion: 99 Resp: 1031728

Ion Ratio Lower Upper

99 100

42 27.1 14.5 21.7#

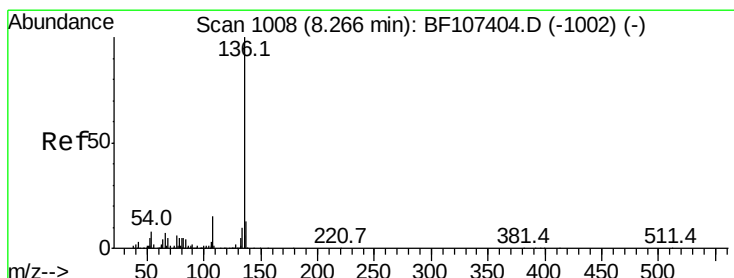
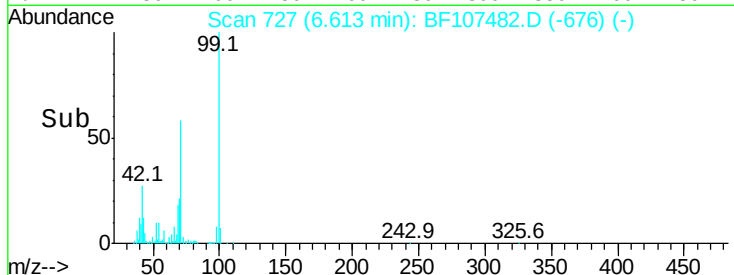
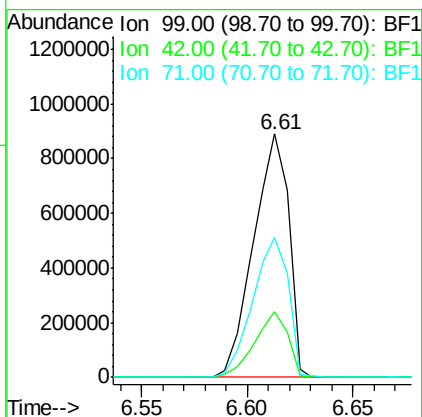
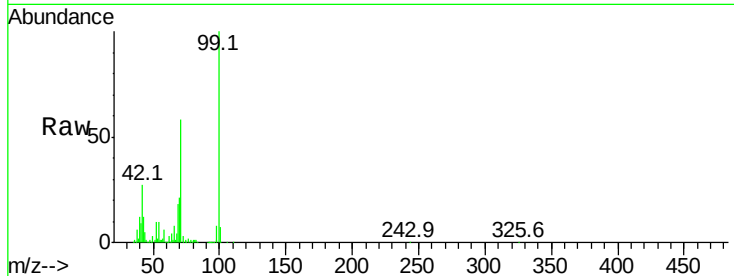
71 57.6 25.4 38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107482.D

Acq: 18 Jul 2018 17:20

Tgt Ion: 136 Resp: 523320

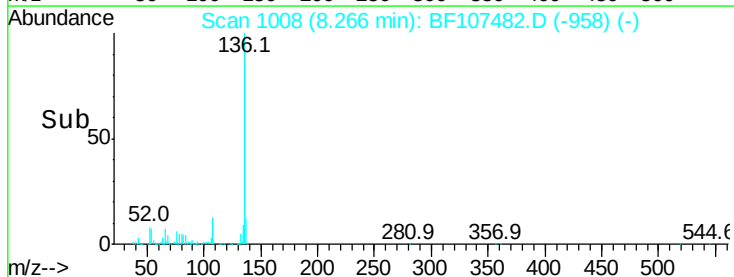
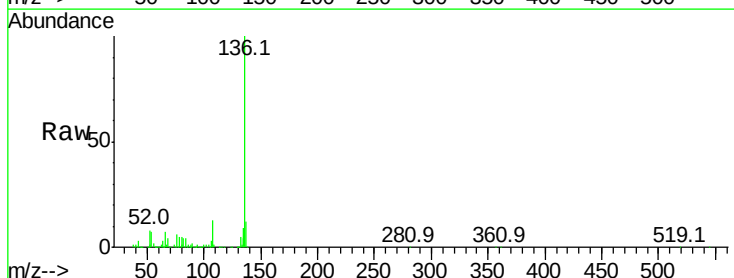
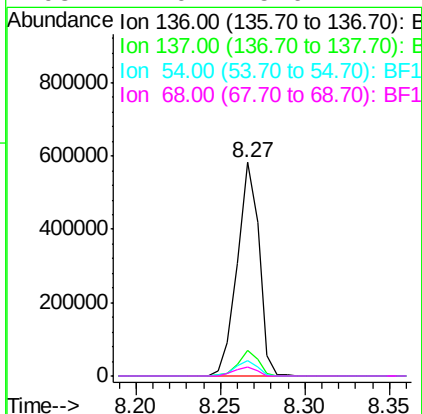
Ion Ratio Lower Upper

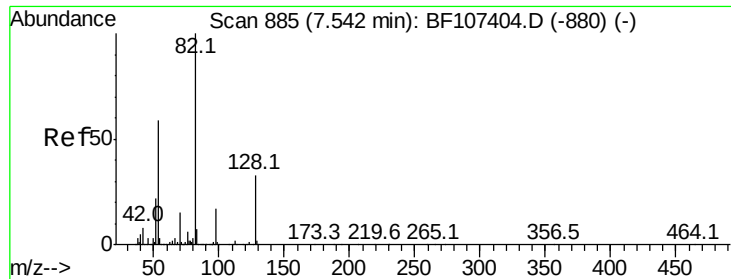
136 100

137 12.0 8.9 13.3

54 7.0 6.6 9.8

68 4.0 5.0 7.4#





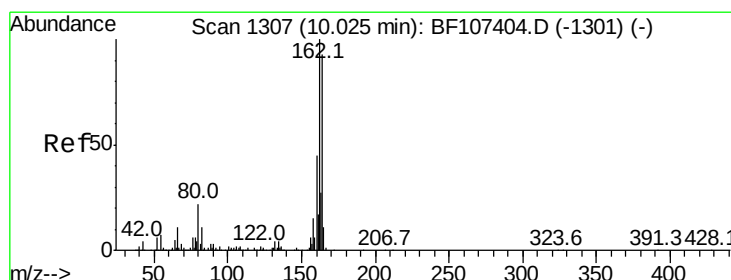
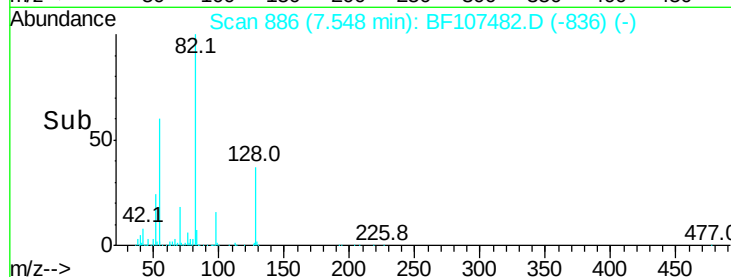
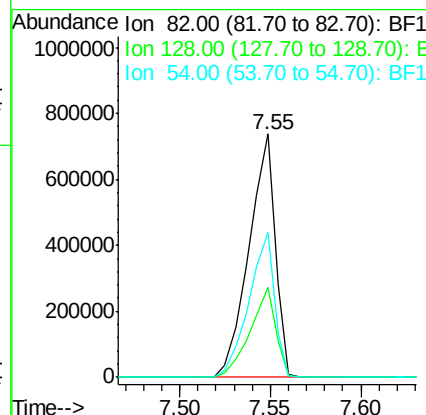
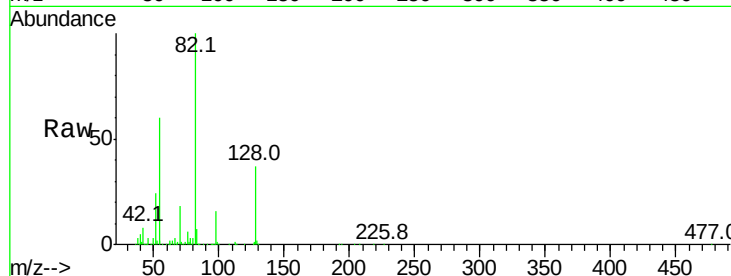
#23
Nitrobenzene-d5
Concen: 76.014 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107482.D
Acq: 18 Jul 2018 17:20

Instrument :
BNA_F
ClientSampleId :
SB2-U-23-13

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.2	36.1	54.1
54	59.6	41.4	62.2

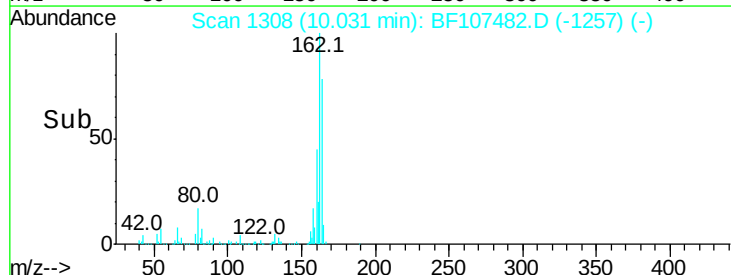
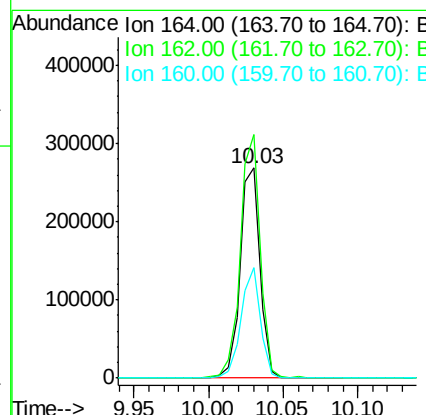
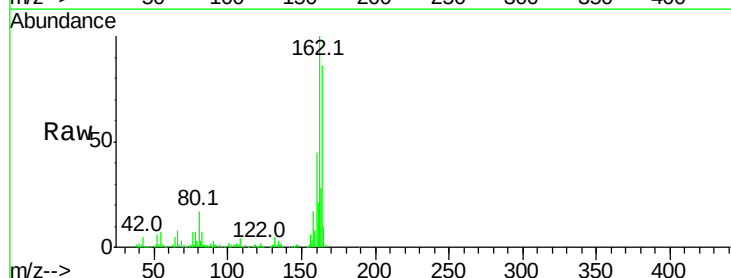
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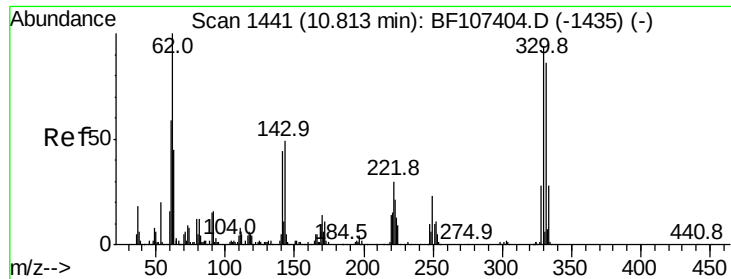
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF107482.D
Acq: 18 Jul 2018 17:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	115.9	86.1	129.1
160	52.6	38.3	57.5





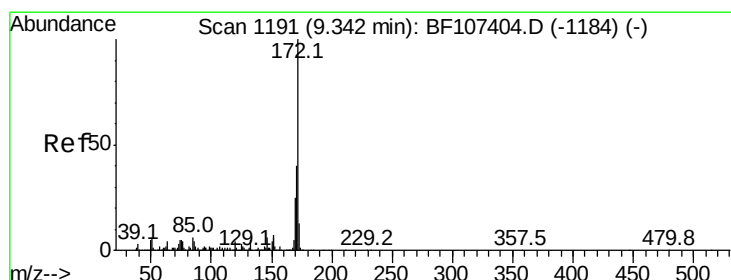
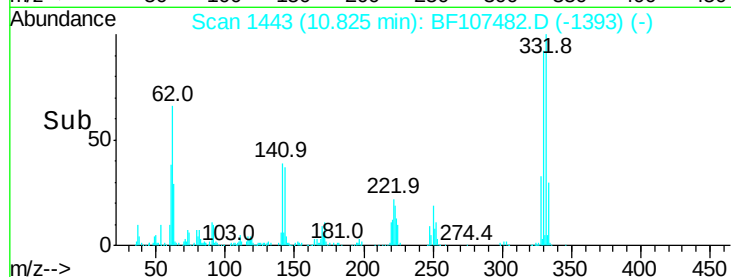
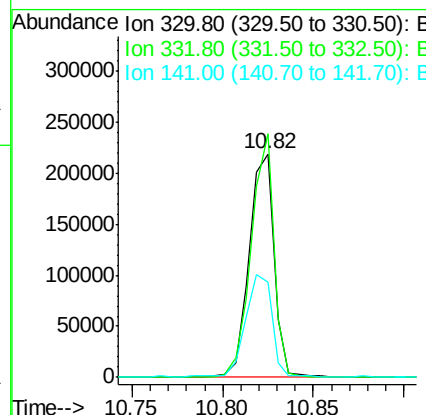
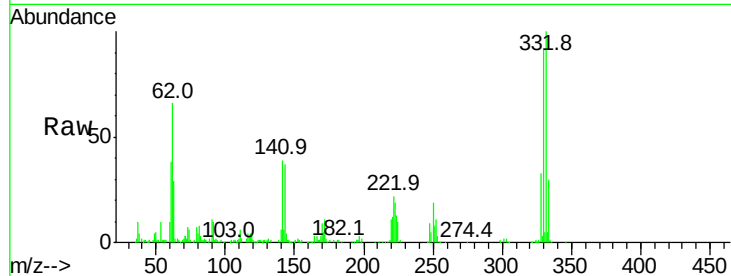
#41
2,4,6-Tribromophenol
Concen: 94.507 ng
RT: 10.82 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF107482.D
Acq: 18 Jul 2018 17:20

Instrument :
BNA_F
ClientSampleId :
SB2-U-23-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.0	115.6
141	49.9	29.9	44.9

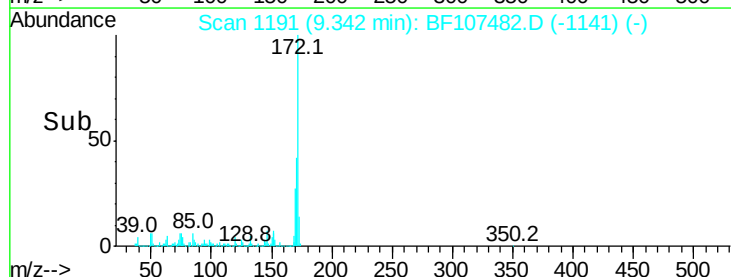
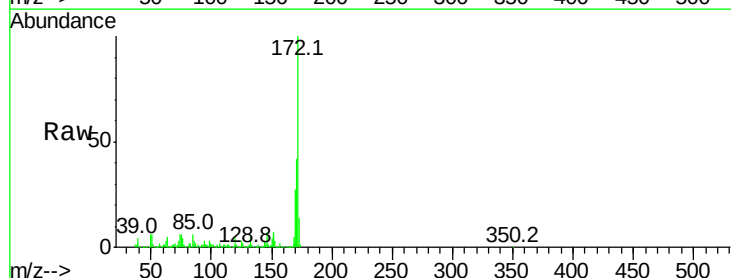
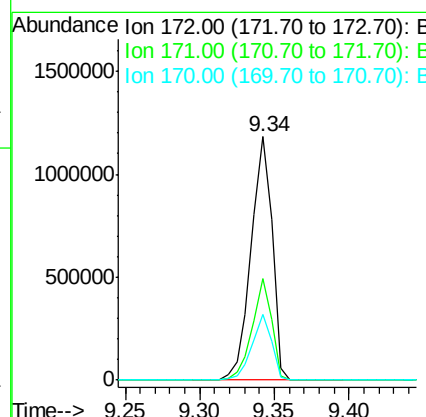
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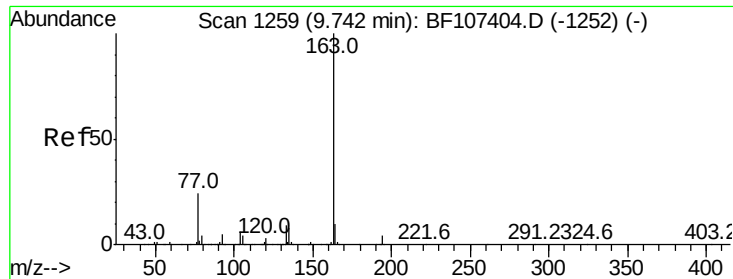
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#44
2-Fluorobiphenyl
Concen: 75.138 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107482.D
Acq: 18 Jul 2018 17:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.6	29.7	44.5
170	26.8	19.6	29.4





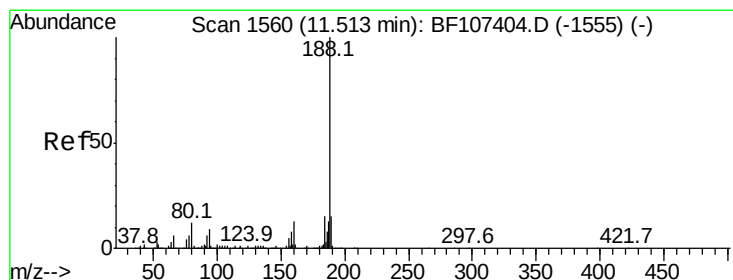
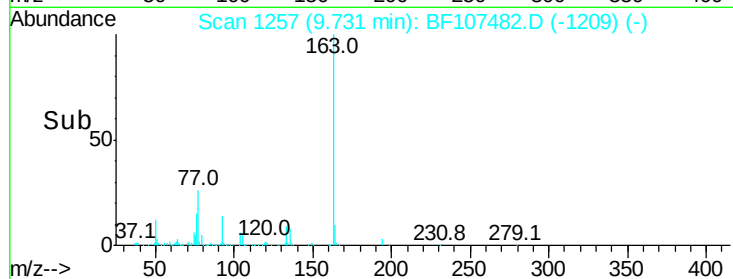
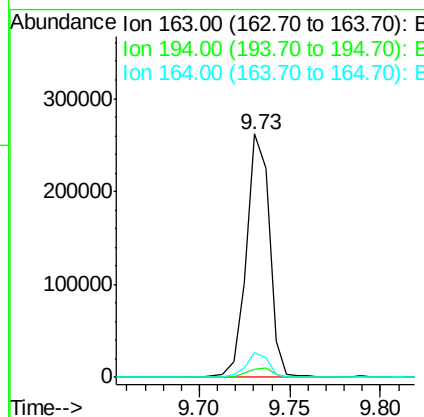
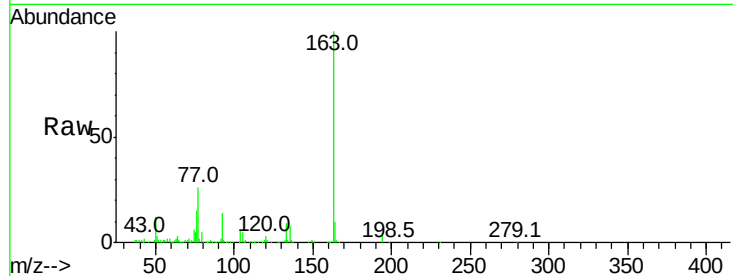
#49
Dimethylphthalate
Concen: 11.539 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107482.D
Acq: 18 Jul 2018 17:20

Instrument :
BNA_F
ClientSampleId :
SB2-U-23-13

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2

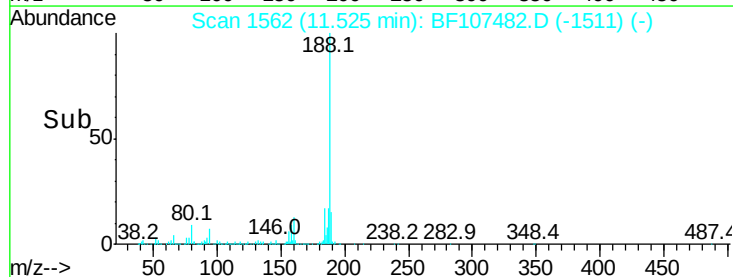
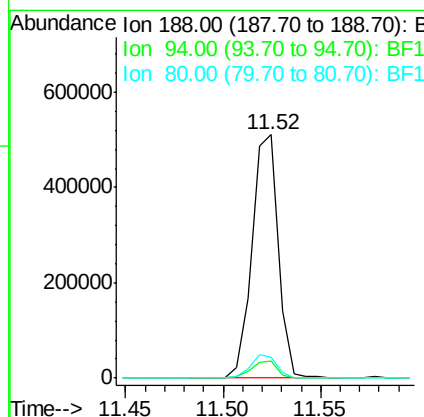
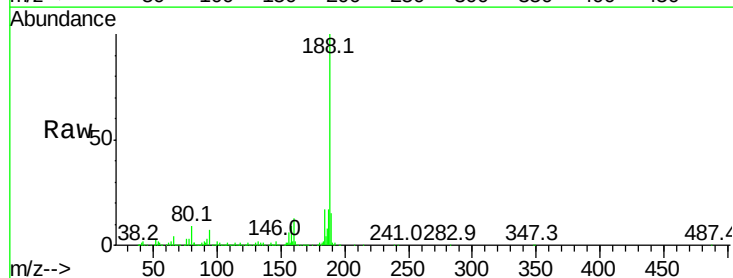
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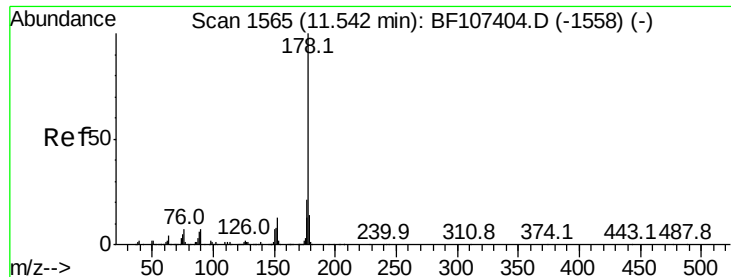
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107482.D
Acq: 18 Jul 2018 17:20

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	6.9	8.5	12.7#
80	8.7	9.2	13.8#





#70

Phenanthrene

Concen: 6.959 ng

RT: 11.55 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF107482.D

Acq: 18 Jul 2018 17:20

Instrument :

BNA_F

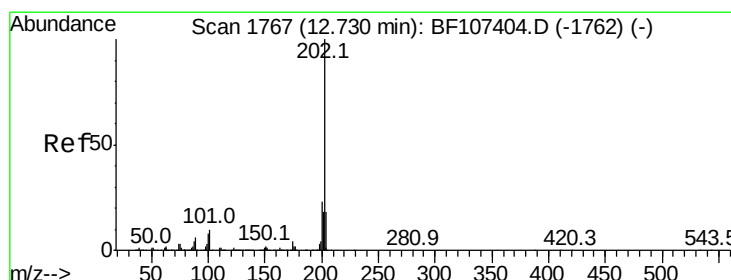
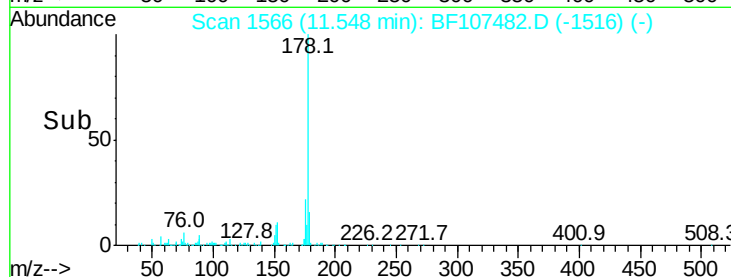
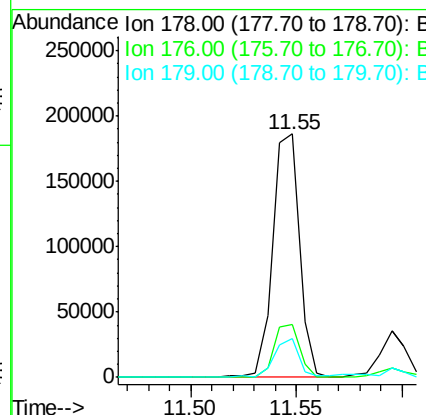
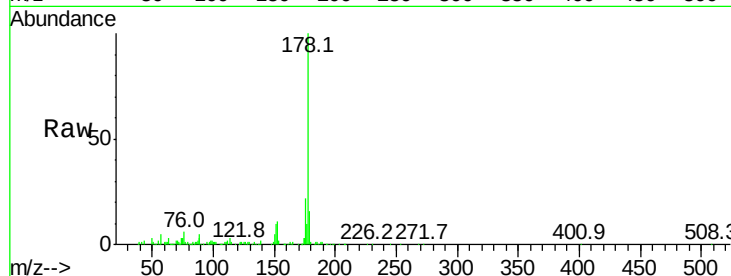
ClientSampleId :

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Tot Ion:	178	Resp:	164571
Ion Ratio	Lower	Upper	
178	100		
176	21.8	15.8	23.8
179	16.0	13.0	19.6

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#74

Fluoranthene

Concen: 8.866 ng

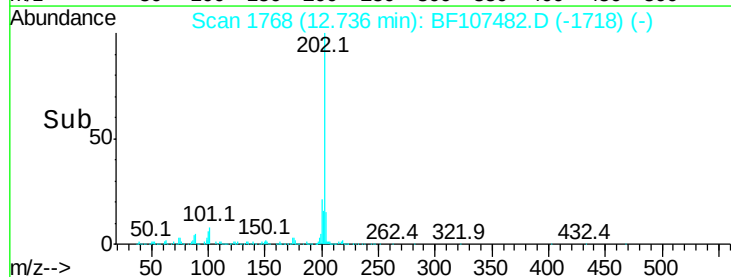
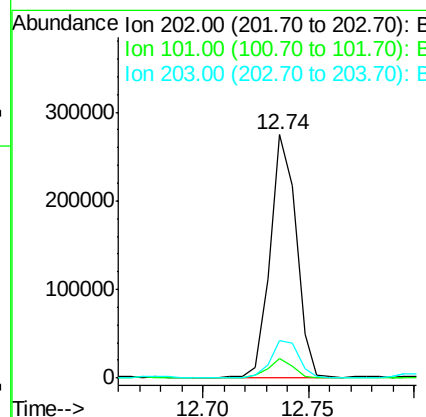
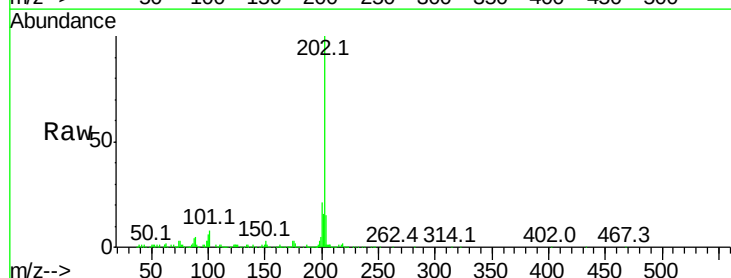
RT: 12.74 min Scan# 1768

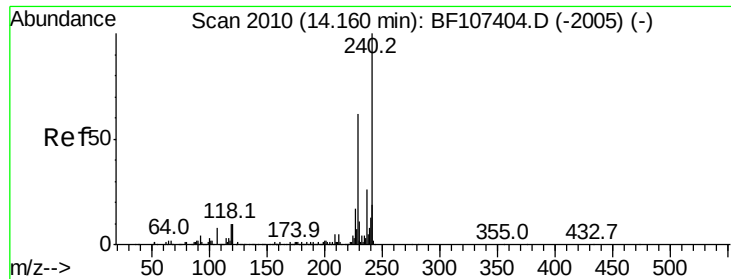
Delta R.T. -0.01 min

Lab File: BF107482.D

Acq: 18 Jul 2018 17:20

Tgt Ion:	202	Resp:	238336
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	34.1
203	15.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF107482.D

Acq: 18 Jul 2018 17:20

Instrument :

BNA_F

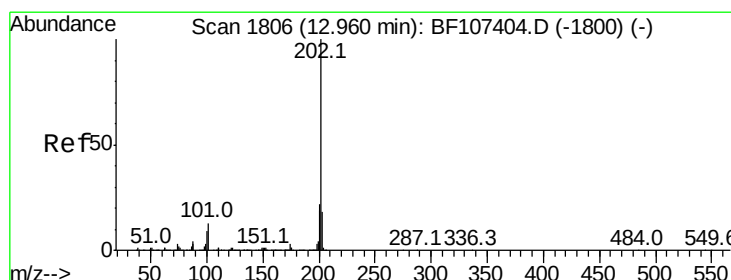
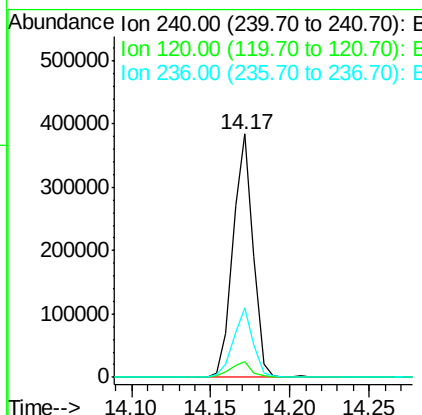
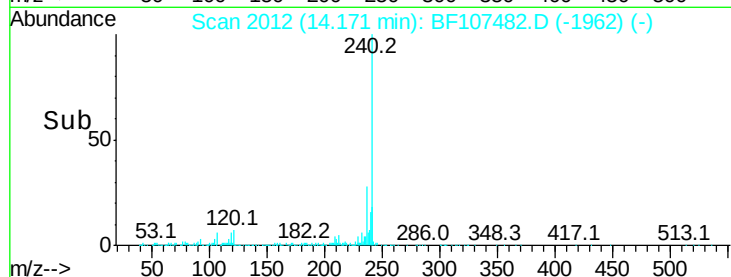
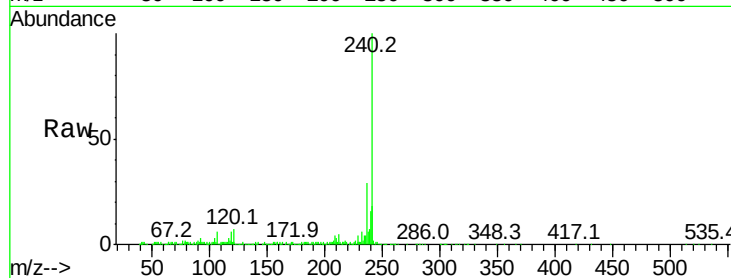
ClientSampleId :

SB2-U-23-13

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.6	9.5	14.3#
236	28.5	20.7	31.1

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#77

Pyrene

Concen: 8.837 ng

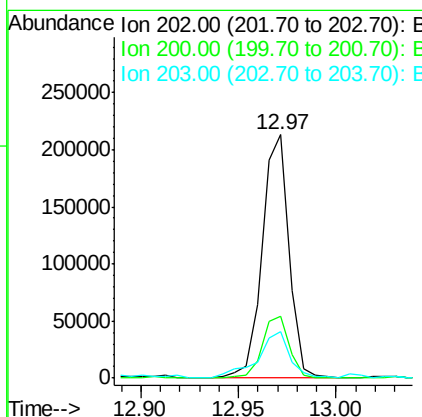
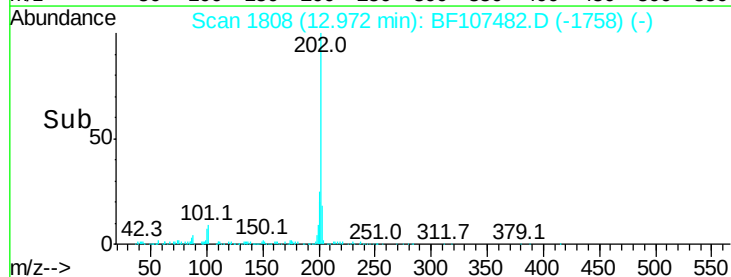
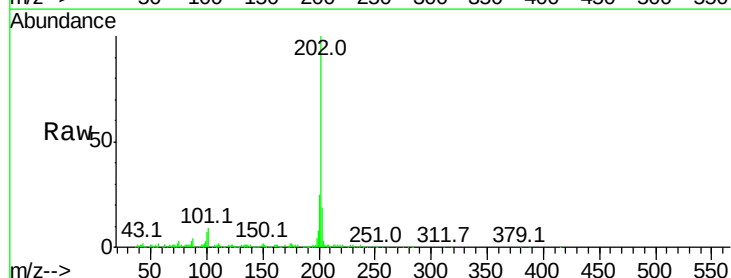
RT: 12.97 min Scan# 1808

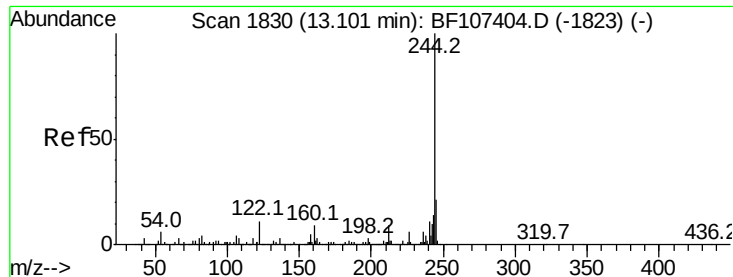
Delta R.T. -0.01 min

Lab File: BF107482.D

Acq: 18 Jul 2018 17:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.3	17.4	26.2
203	19.3	14.3	21.5





#78

Terphenyl-d14

Concen: 69.154 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107482.D

Acq: 18 Jul 2018 17:20

Instrument :

BNA_F

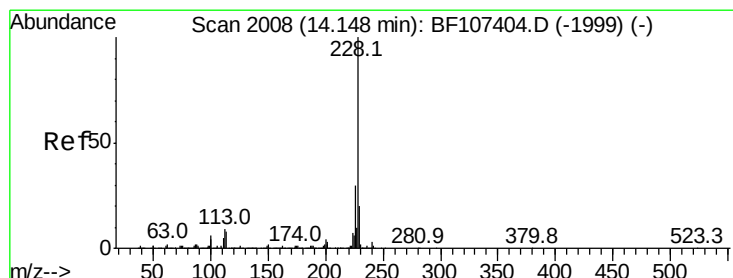
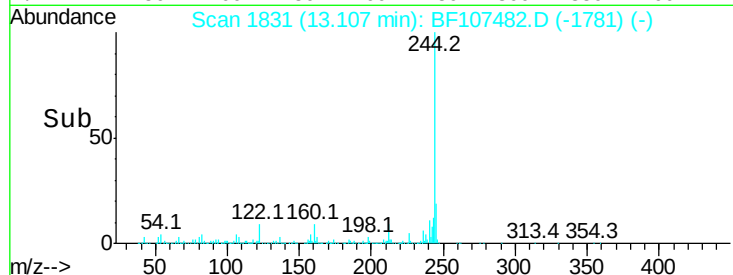
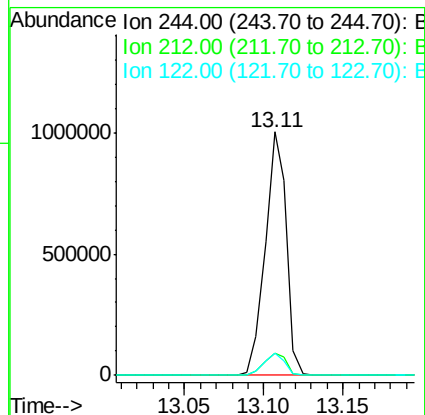
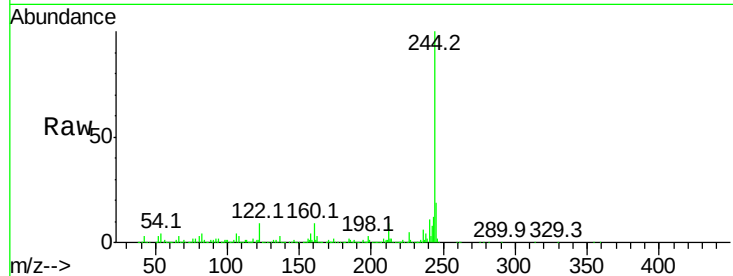
ClientSampleId :

SB2-U-23-13

Tot Ion:	244	Resp:	932788
Ion Ratio	Lower	Upper	
244	100		
212	9.2	5.4	8.0#
122	9.1	11.0	16.4#

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#80

Benzo(a)anthracene

Concen: 4.349 ng m

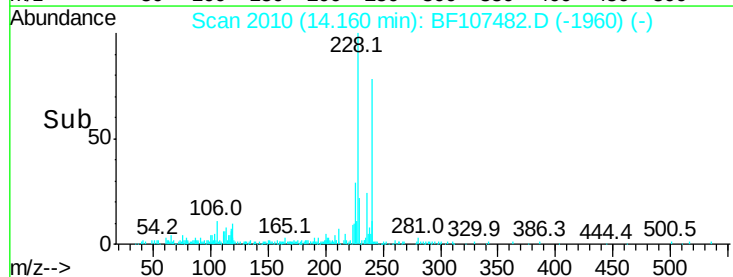
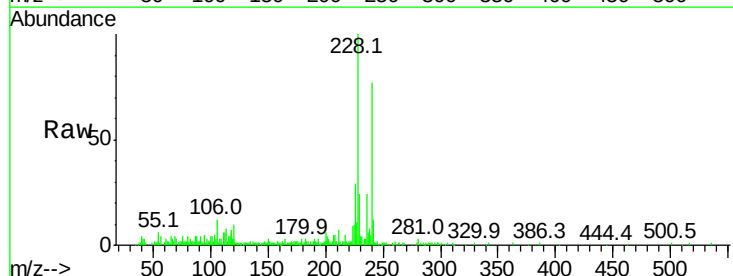
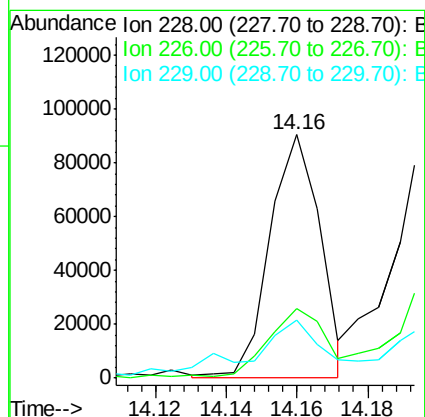
RT: 14.16 min Scan# 2010

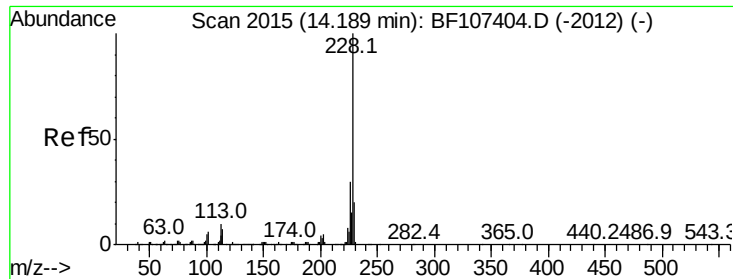
Delta R.T. -0.01 min

Lab File: BF107482.D

Acq: 18 Jul 2018 17:20

Tgt Ion:	228	Resp:	89187
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.6	33.8
229	23.8	15.8	23.6#





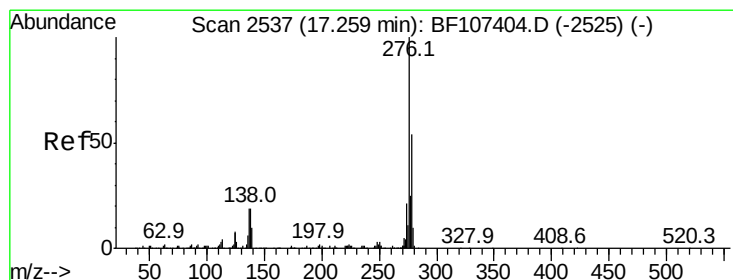
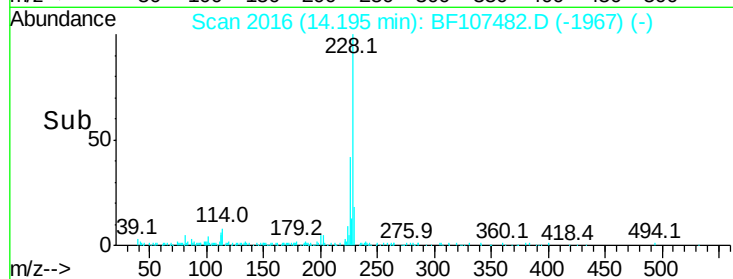
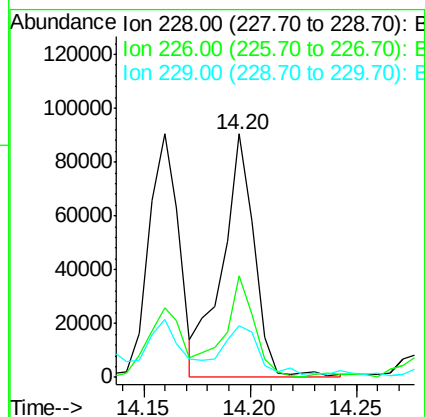
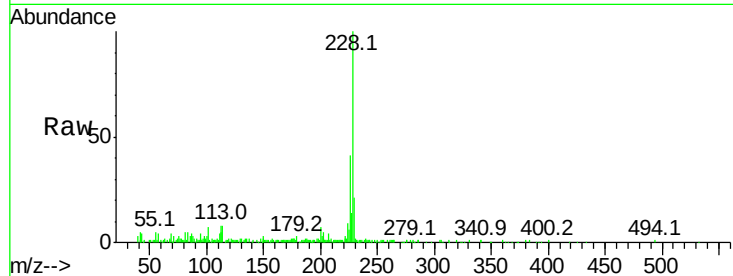
#82
Chrysene
Concen: 4.866 ng/mL
RT: 14.20 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF107482.D
Acq: 18 Jul 2018 17:20

Instrument :
BNA_F
ClientSampleId :
SB2-U-23-13

Tot Ion:	228	Resp:	95306
Ion Ratio	Lower	Upper	
228	100		
226	41.5	25.0	37.6#
229	21.0	16.2	24.4

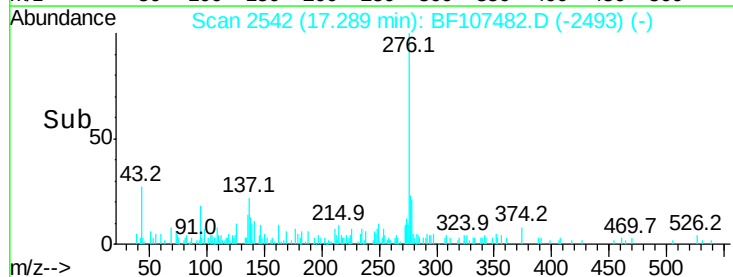
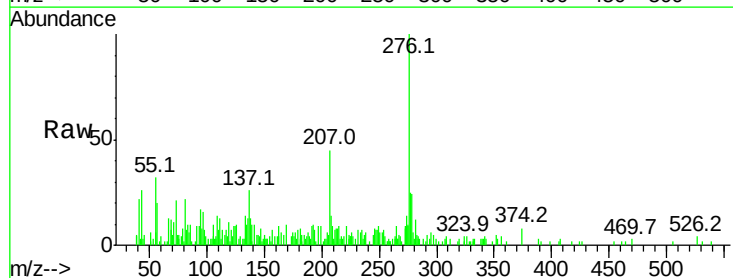
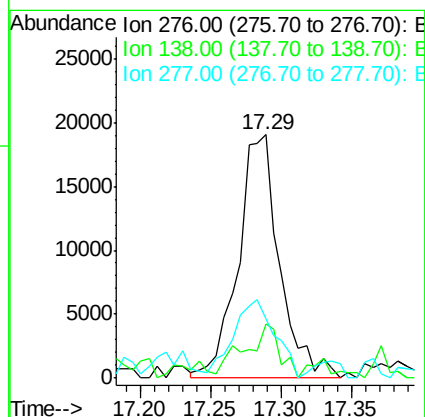
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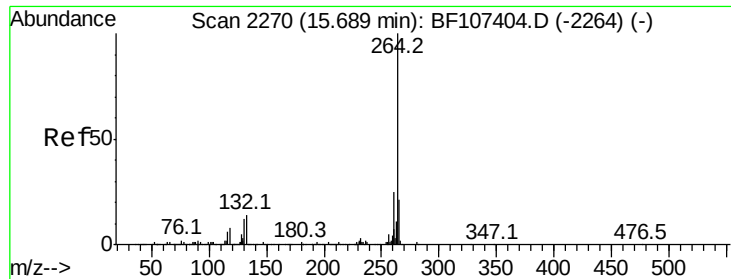
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.804 ng/mL
RT: 17.29 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF107482.D
Acq: 18 Jul 2018 17:20

Tgt Ion:	276	Resp:	39102
Ion Ratio	Lower	Upper	
276	100		
138	19.0	25.0	37.6#
277	30.8	20.1	30.1#





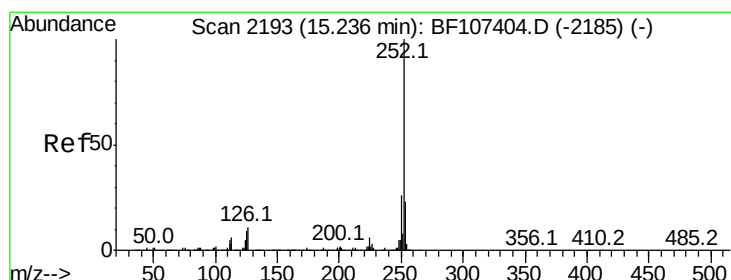
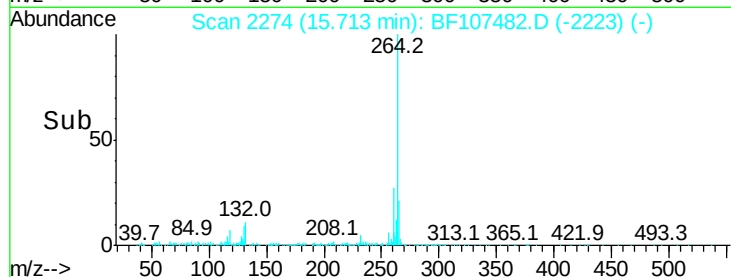
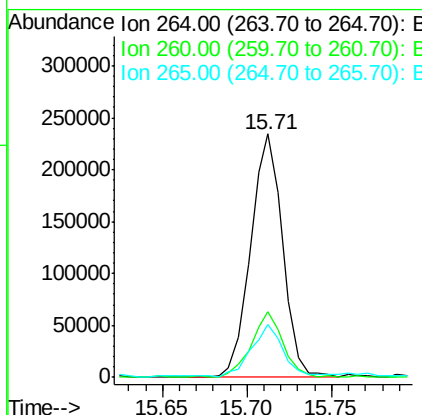
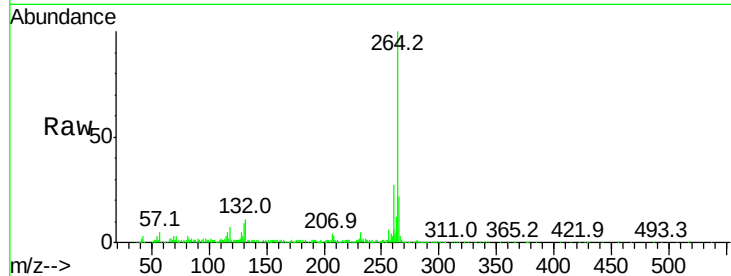
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF107482.D
Acq: 18 Jul 2018 17:20

Instrument :
BNA_F
ClientSampleId :
SB2-U-23-13

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.2	28.8
265	21.6	17.5	26.3

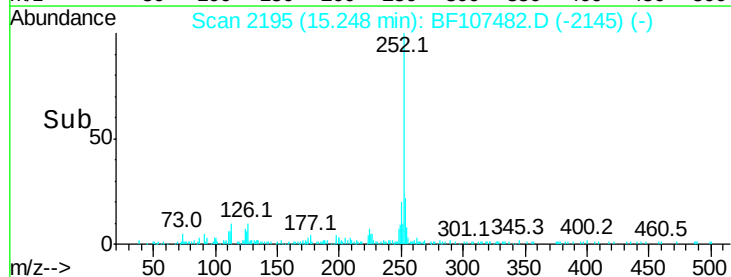
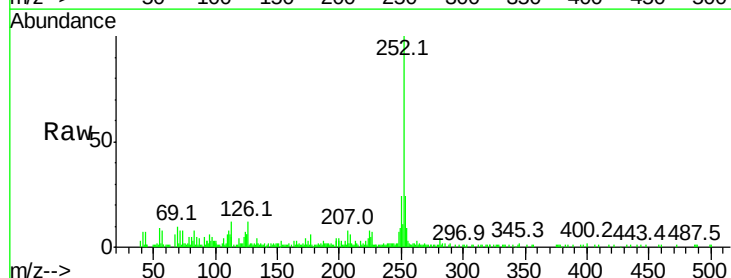
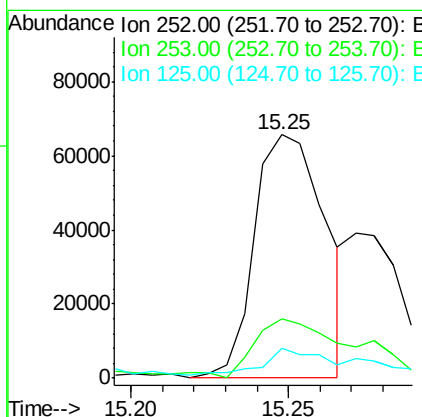
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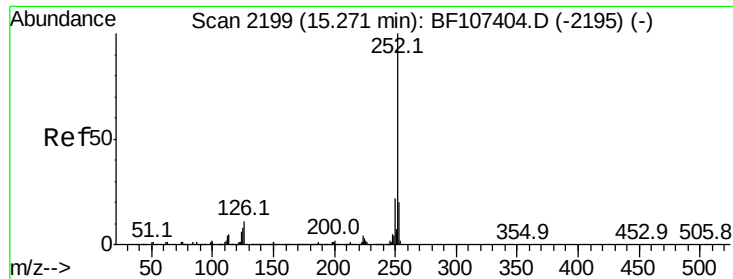
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#87
Benzo(b)fluoranthene
Concen: 5.737 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107482.D
Acq: 18 Jul 2018 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	6.5	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 2.776 ng/mL

RT: 15.27 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BF107482.D

Acq: 18 Jul 2018 17:20

Instrument :

BNA_F

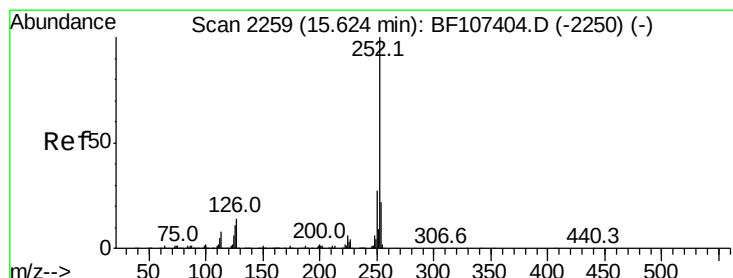
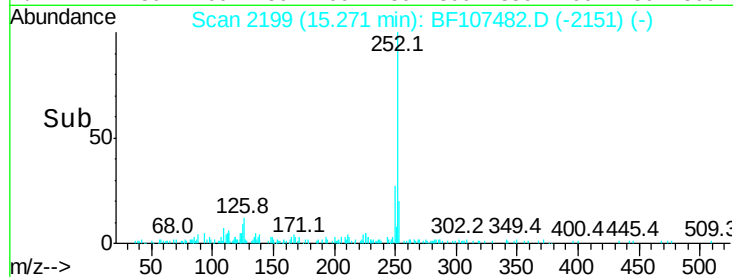
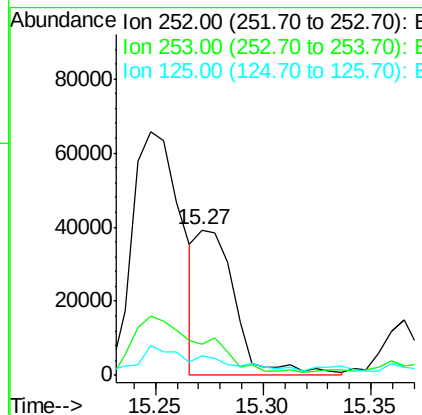
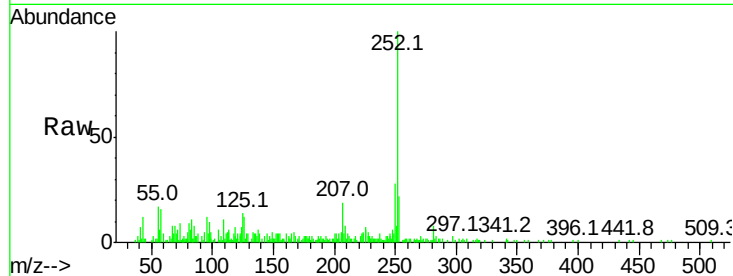
ClientSampleId :

SB2-U-23-13

Tot Ion:	252	Resp:	48532
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	13.6	10.2	15.2

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#89

Benzo(a)pyrene

Concen: 4.783 ng/mL

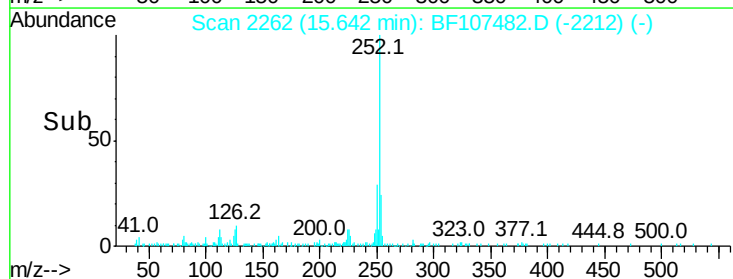
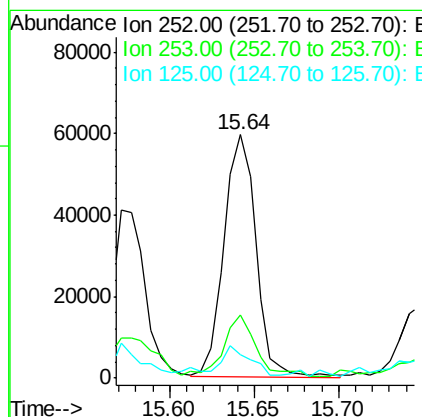
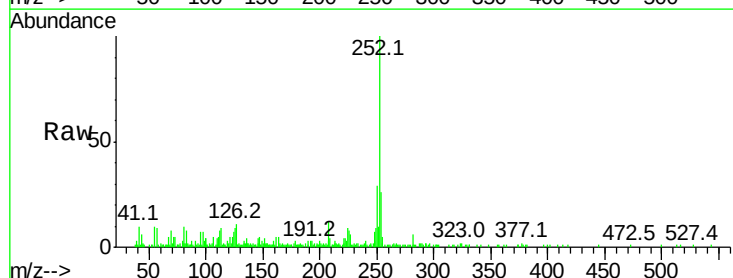
RT: 15.64 min Scan# 2262

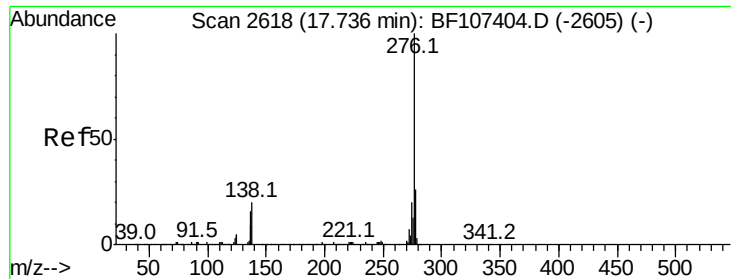
Delta R.T. -0.01 min

Lab File: BF107482.D

Acq: 18 Jul 2018 17:20

Tgt Ion:	252	Resp:	78656
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.1	25.7#
125	9.5	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.966 ng
 RT: 17.77 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF107482.D
 Acq: 18 Jul 2018 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SB2-U-23-13

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.9	17.9	26.9
138	16.6	21.8	32.8#

Manual Integrations
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 7/19/2018 11:49:39 AM

