

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107470.D
 Acq On : 18 Jul 2018 12:00
 Operator : JU/SJ
 Sample : J3906-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-EW-2@2.75

Manual Integrations
 APPROVED

Sohil
 7/19/2018 11:49:19 AM

Quant Time: Jul 19 09:17:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	122540	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	438796	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	250350	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	501005	20.00	ng	0.00
75) Chrysene-d12	14.17	240	319281	20.00	ng	0.00
86) Perylene-d12	15.71	264	299092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	856947	106.21	ng	0.01
7) Phenol-d6	6.61	99	1118946	107.26	ng	0.00
23) Nitrobenzene-d5	7.55	82	842773	102.42	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	248757	113.09	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1208964	79.86	ng	0.00
78) Terphenyl-d14	13.11	244	1141818	88.85	ng	0.00
Target Compounds						
10) Phenol	6.62	94	23477	2.099	ng	# 69
49) Dimethylphthalate	9.73	163	312926	15.732	ng	# 99
70) Phenanthrene	11.54	178	57448	2.301	ng	96
74) Fluoranthene	12.74	202	81298	2.865	ng	94
77) Pyrene	12.97	202	69035m	3.180	ng	
87) Benzo(b)fluoranthene	15.24	252	40981m	2.341	ng	

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

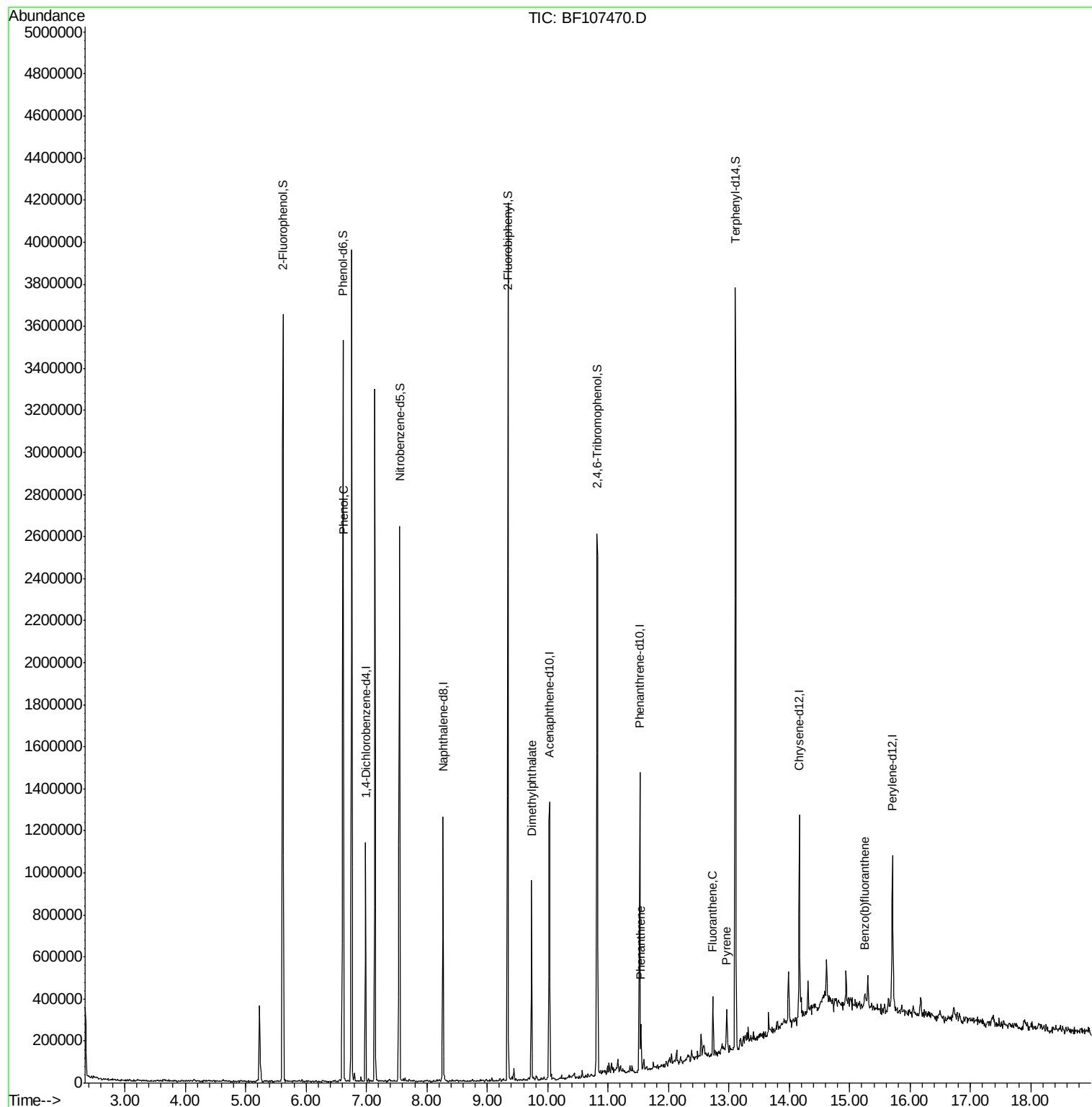
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
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Sample : J3906-04
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ALS Vial : 8 Sample Multiplier: 1

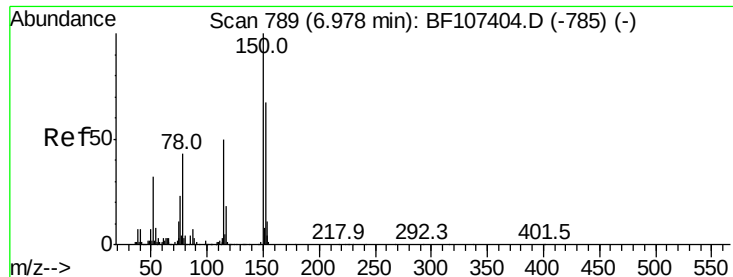
Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-2@2.75

Manual Integrations
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

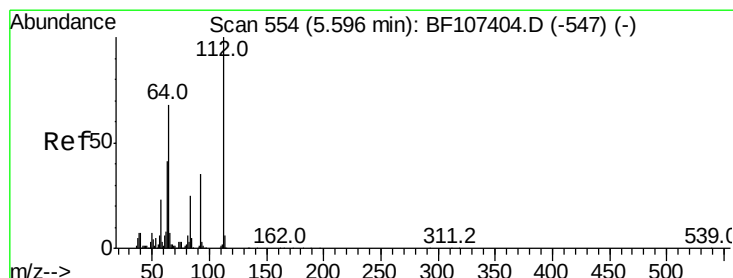
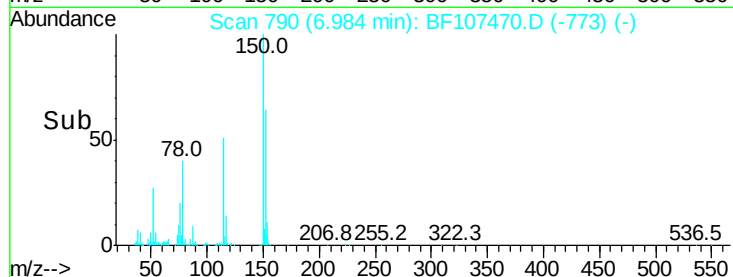
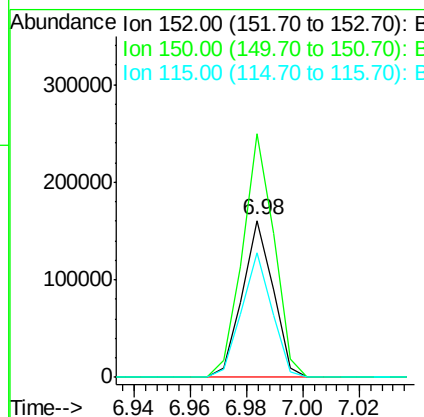
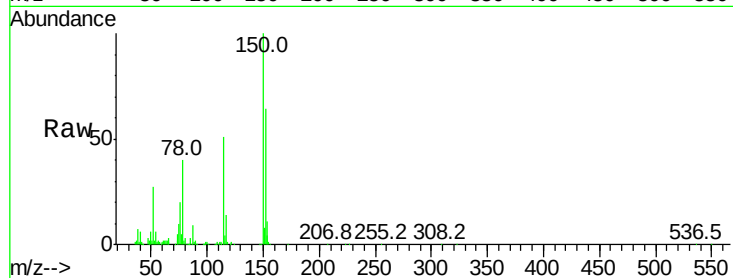
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107470.D
Acq: 18 Jul 2018 12:00

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-2@2.75

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	79.8	50.1	75.1#

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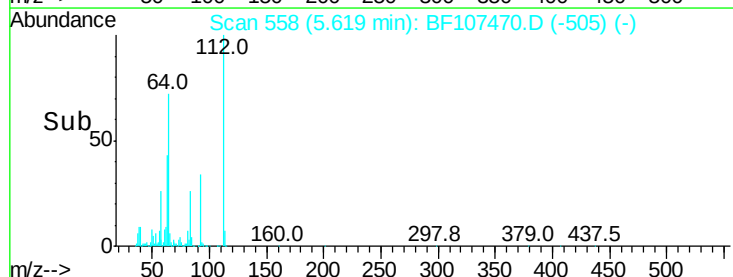
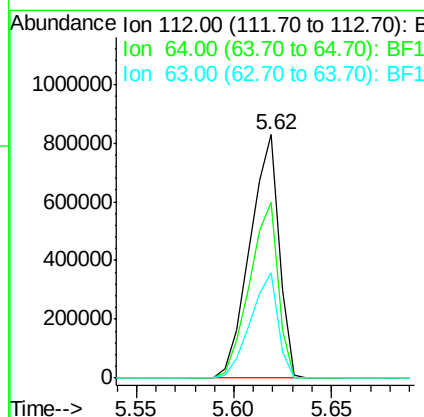
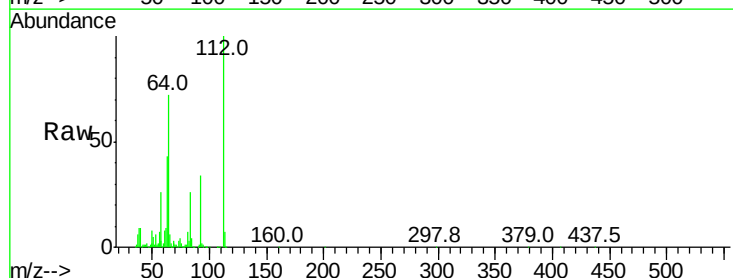
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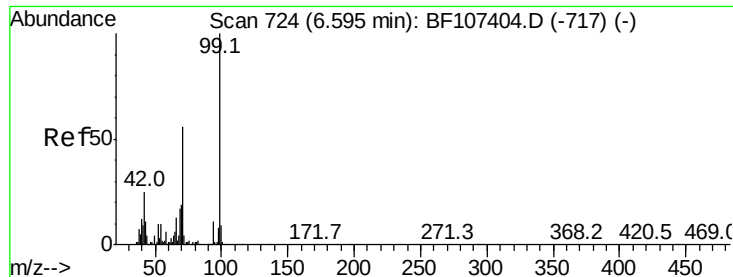


#5

2-Fluorophenol
Concen: 106.209 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF107470.D
Acq: 18 Jul 2018 12:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	47.9	71.9#
63	43.2	23.7	35.5#





#7

Phenol-d6

Concen: 107.264 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107470.D

Acq: 18 Jul 2018 12:00

Instrument :

BNA_F

ClientSampleId :

CB-7-8-6-ST-EW-2@2.75

Tot Ion: 99 Resp: 1118946

Ion Ratio Lower Upper

99 100

42 29.0 14.5 21.7#

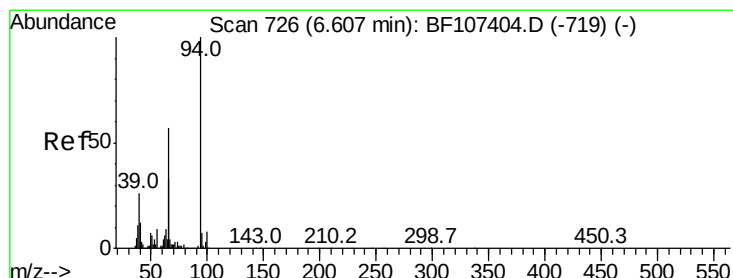
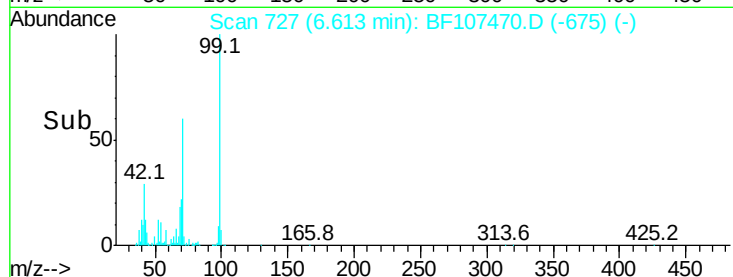
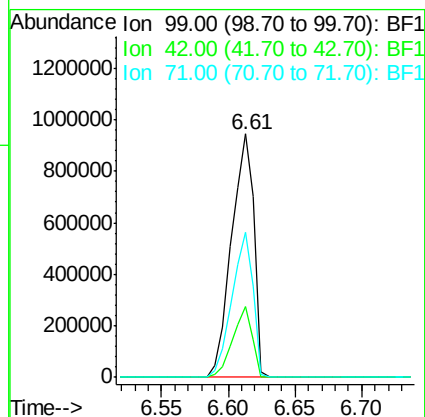
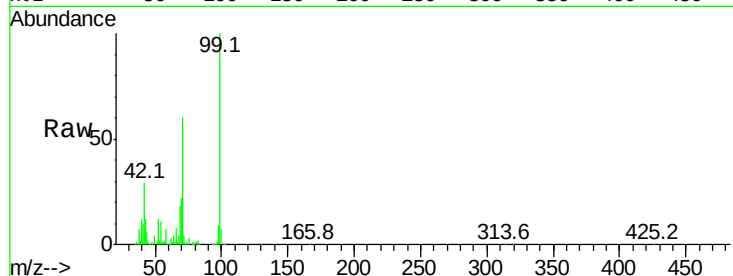
71 59.5 25.4 38.0#

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#10

Phenol

Concen: 2.099 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF107470.D

Acq: 18 Jul 2018 12:00

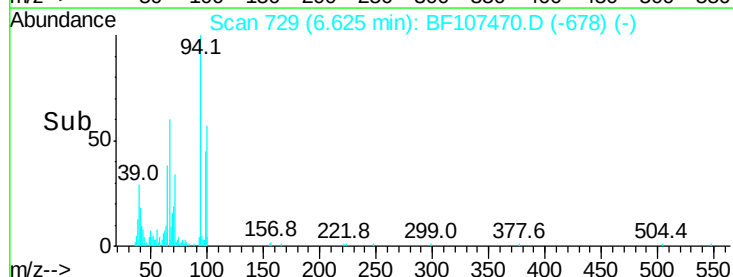
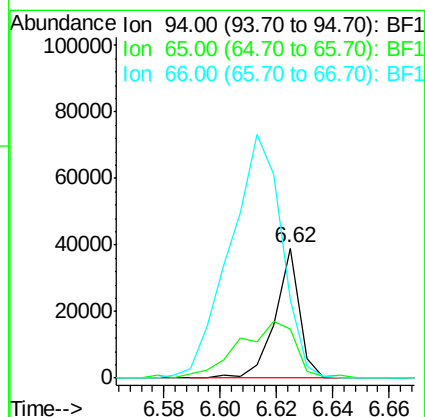
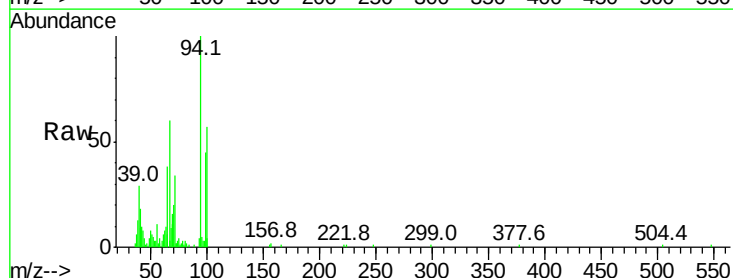
Tgt Ion: 94 Resp: 23477

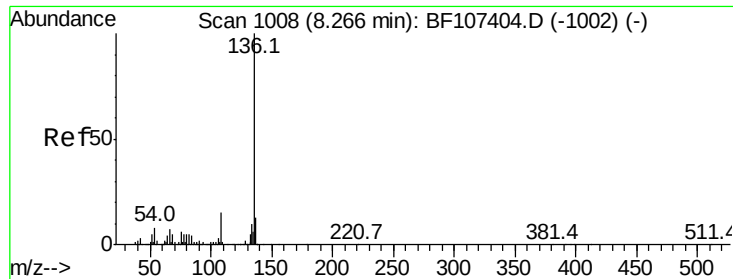
Ion Ratio Lower Upper

94 100

65 38.1 7.9 47.9

66 60.0 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107470.D

Acq: 18 Jul 2018 12:00

Instrument :

BNA_F

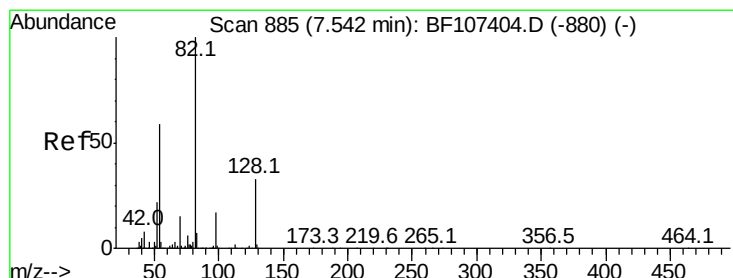
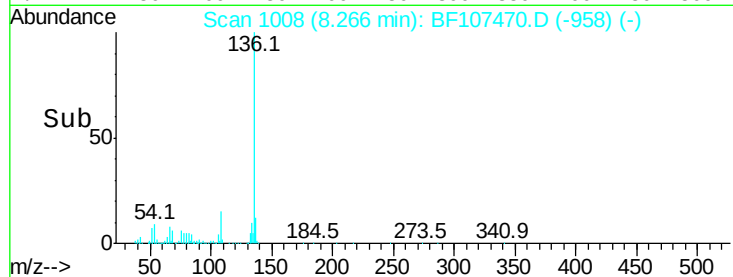
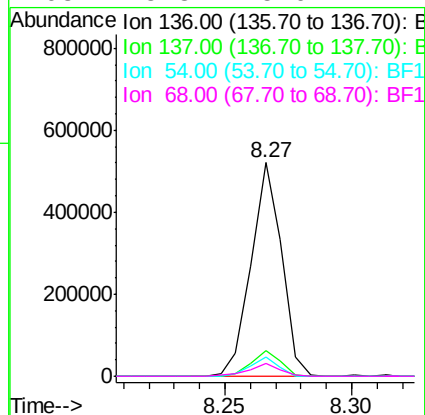
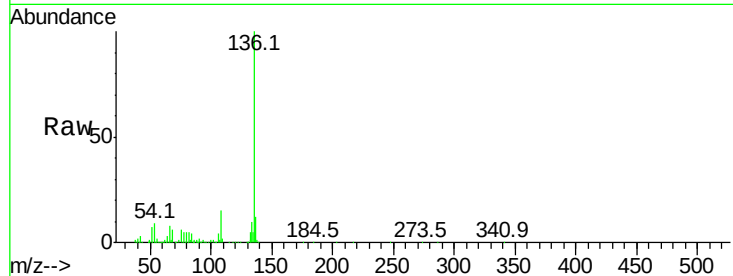
ClientSampleId :

CB-7-8-6-ST-EW-2@2.75

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.9	8.9	13.3
54	9.2	6.6	9.8
68	5.8	5.0	7.4

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#23

Nitrobenzene-d5

Concen: 102.417 ng

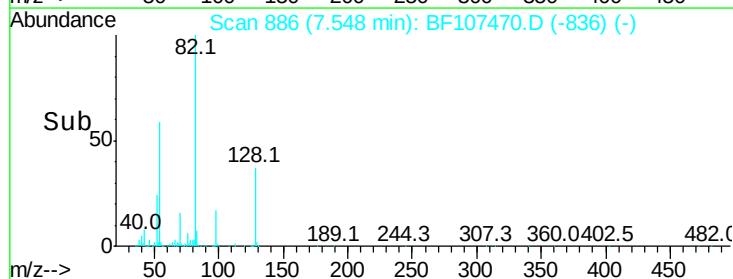
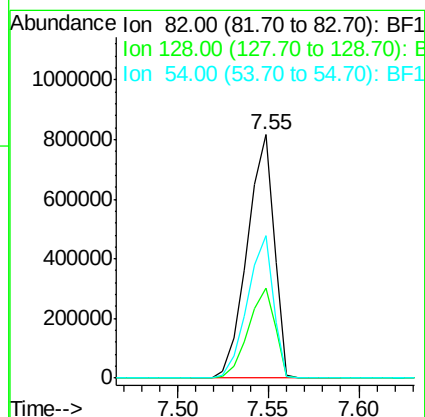
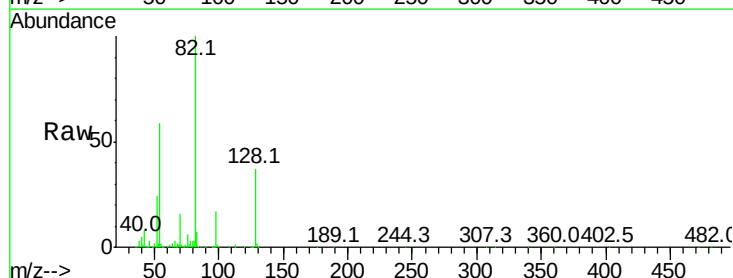
RT: 7.55 min Scan# 886

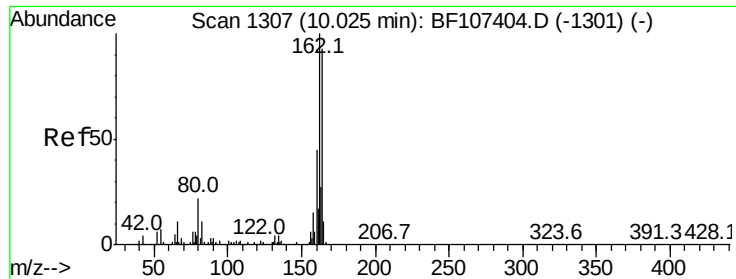
Delta R.T. -0.01 min

Lab File: BF107470.D

Acq: 18 Jul 2018 12:00

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	37.2	36.1	54.1
54	58.8	41.4	62.2





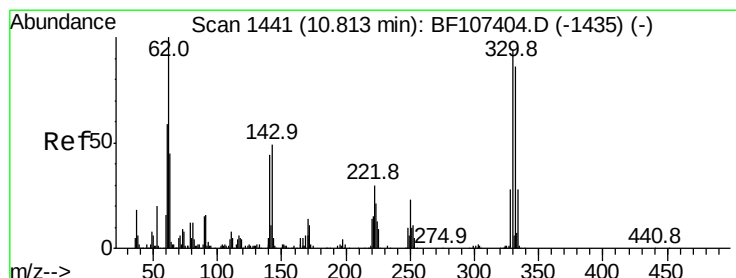
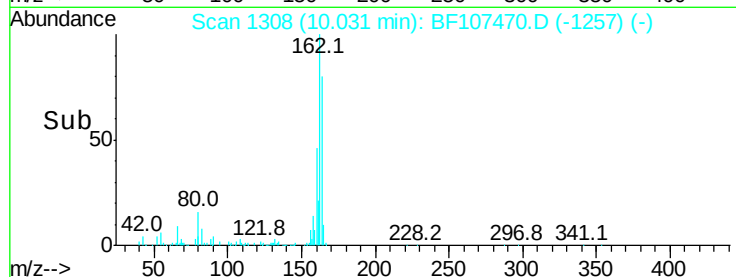
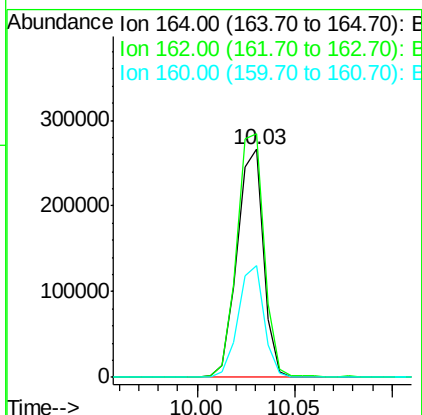
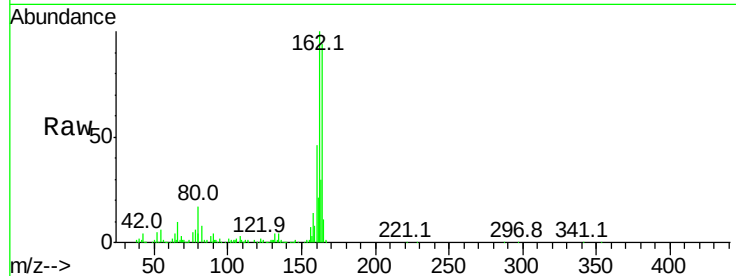
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF107470.D
Acq: 18 Jul 2018 12:00

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-2@2.75

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	49.1	38.3	57.5

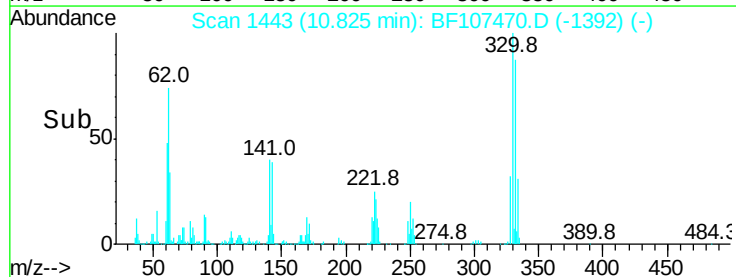
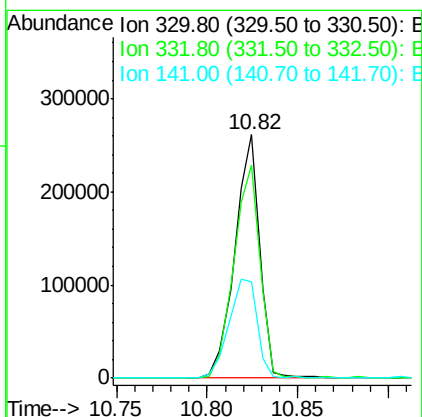
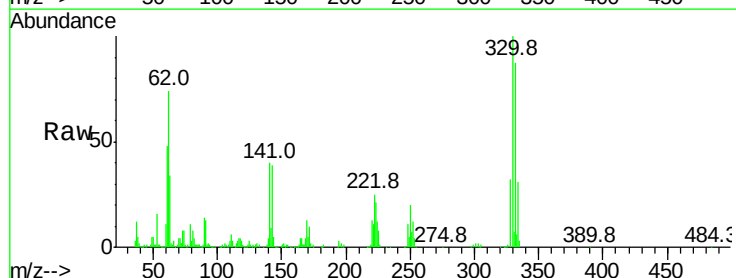
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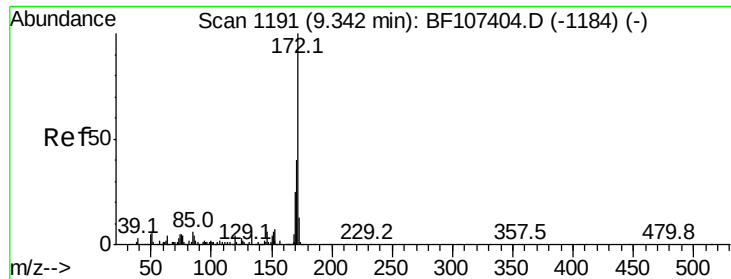
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#41
2,4,6-Tribromophenol
Concen: 113.091 ng
RT: 10.82 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF107470.D
Acq: 18 Jul 2018 12:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.4	77.0	115.6
141	46.9	29.9	44.9#





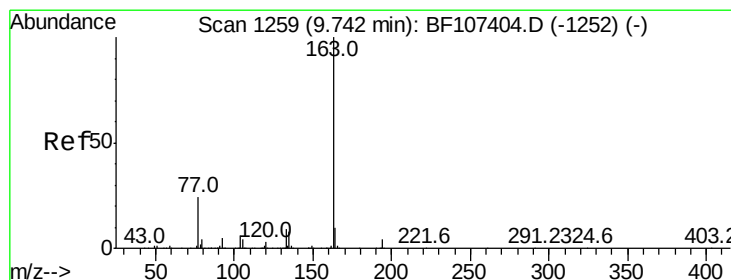
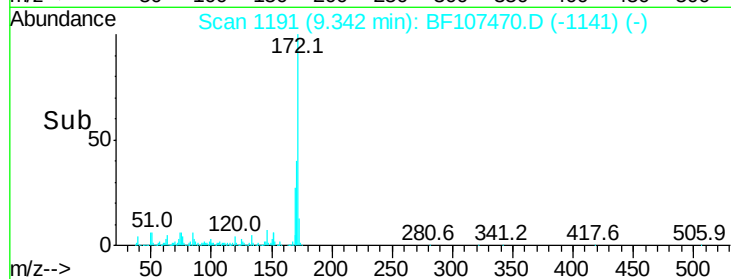
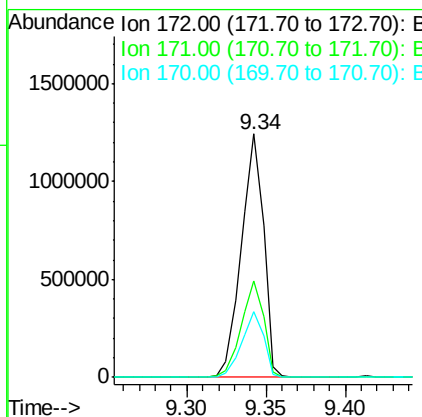
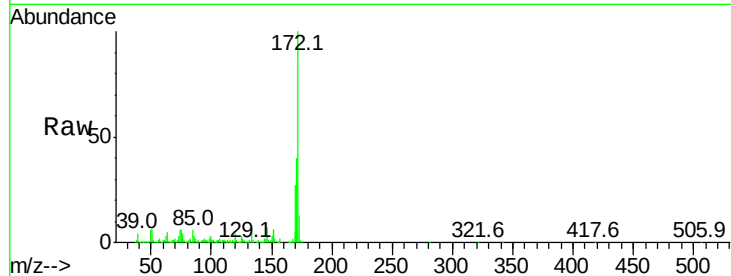
#44
2-Fluorobiphenyl
Concen: 79.862 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107470.D
Acq: 18 Jul 2018 12:00

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-2@2.75

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.6	29.7	44.5
170	27.2	19.6	29.4

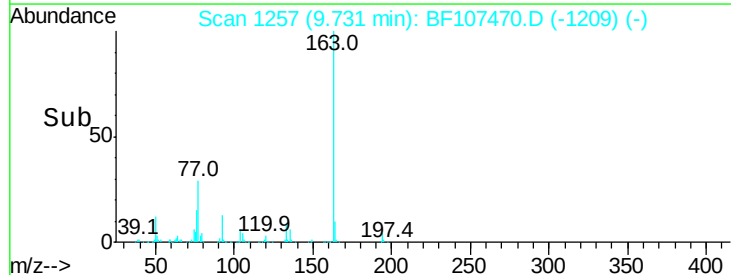
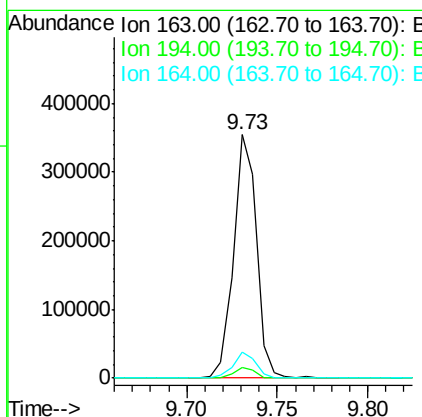
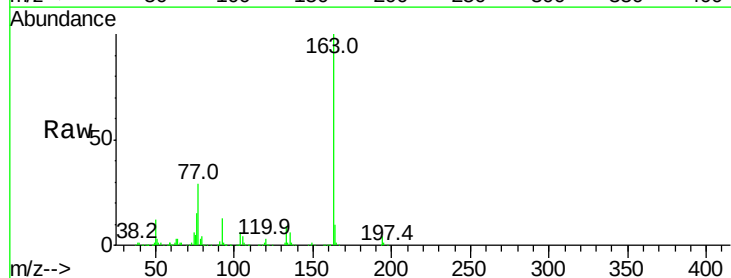
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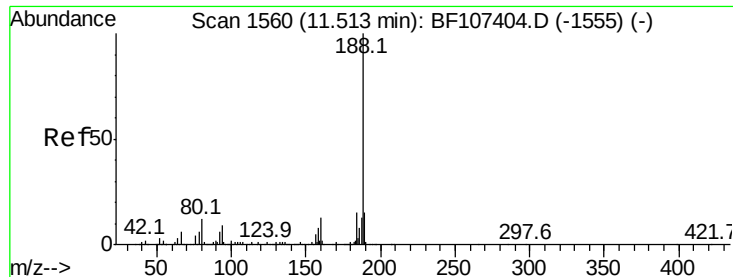
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#49
Dimethylphthalate
Concen: 15.732 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107470.D
Acq: 18 Jul 2018 12:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.5	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF107470.D

Acq: 18 Jul 2018 12:00

Instrument :

BNA_F

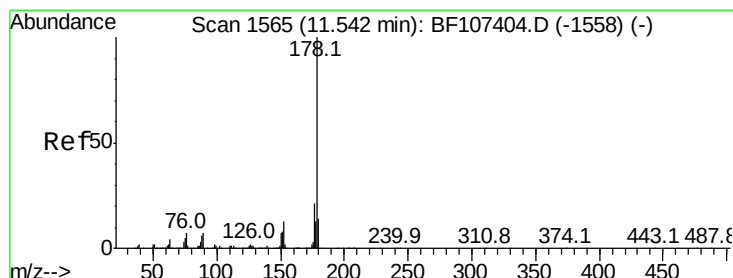
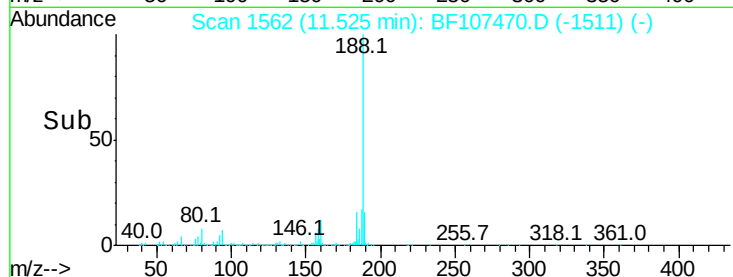
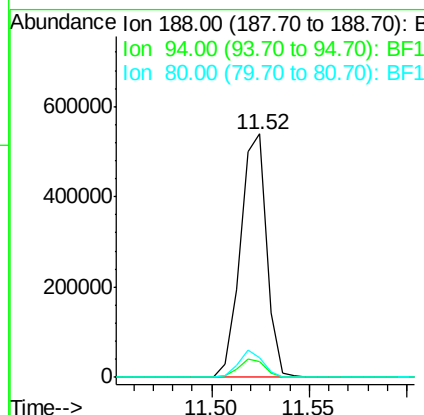
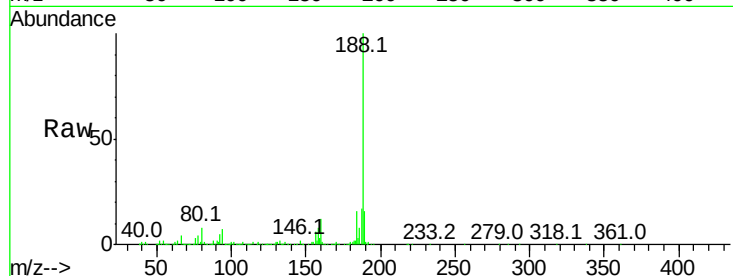
ClientSampleId :

CB-7-8-6-ST-EW-2@2.75

Tot Ion:	188	Resp:	501005
Ion Ratio	Lower	Upper	
188	100		
94	6.7	8.5	12.7#
80	8.2	9.2	13.8#

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#70

Phenanthrene

Concen: 2.301 ng

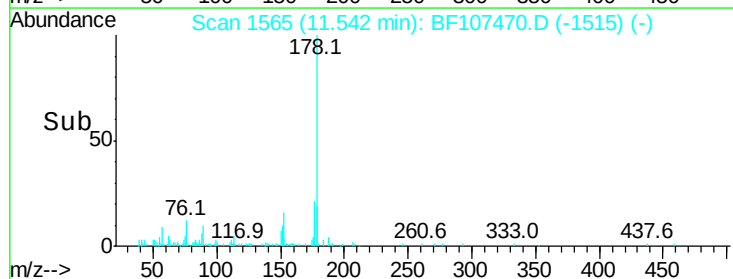
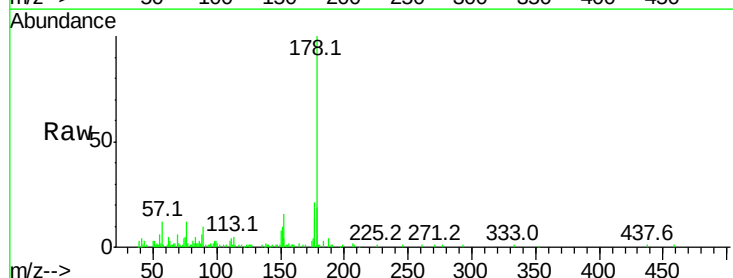
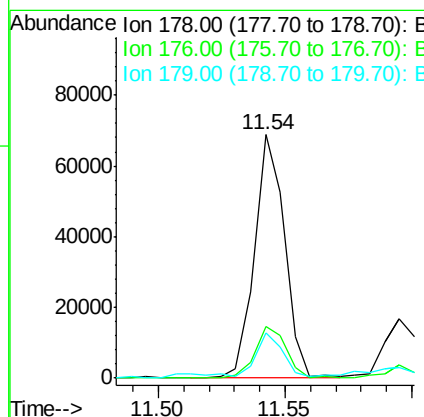
RT: 11.54 min Scan# 1565

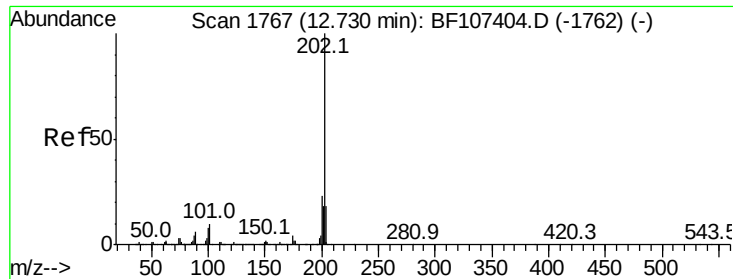
Delta R.T. -0.01 min

Lab File: BF107470.D

Acq: 18 Jul 2018 12:00

Tgt Ion:	178	Resp:	57448
Ion Ratio	Lower	Upper	
178	100		
176	21.1	15.8	23.8
179	18.5	13.0	19.6





#74

Fluoranthene

Concen: 2.865 ng

RT: 12.74 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF107470.D

Acq: 18 Jul 2018 12:00

Instrument :

BNA_F

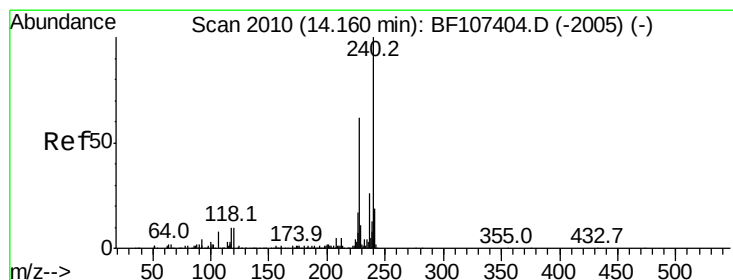
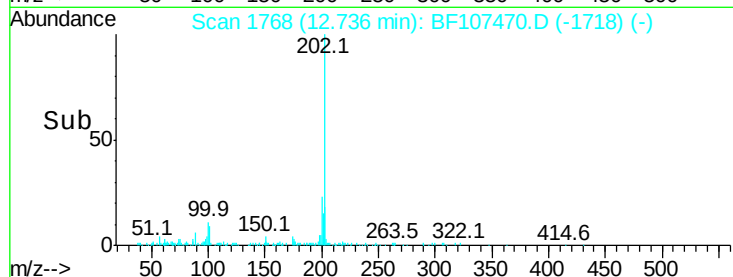
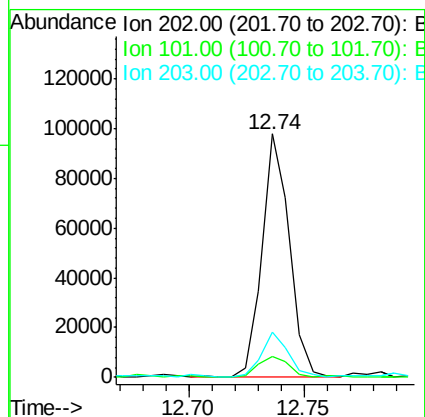
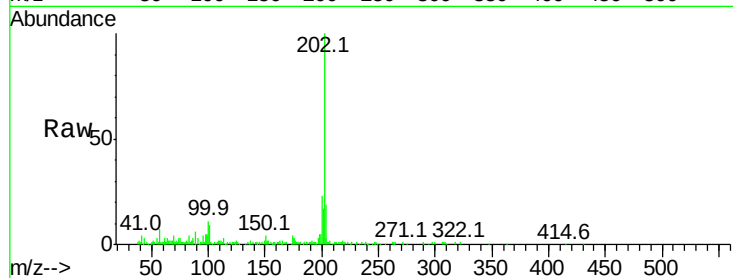
ClientSampleId :

CB-7-8-6-ST-EW-2@2.75

Tot Ion:	202	Resp:	81298
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	34.1
203	18.7	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

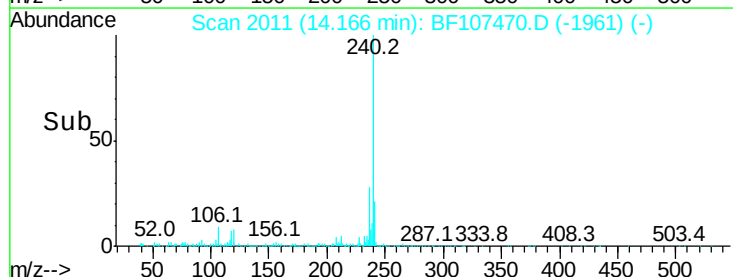
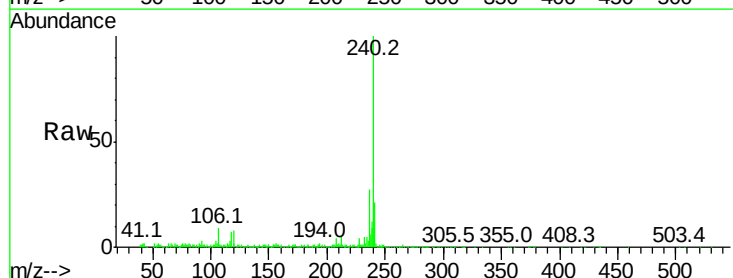
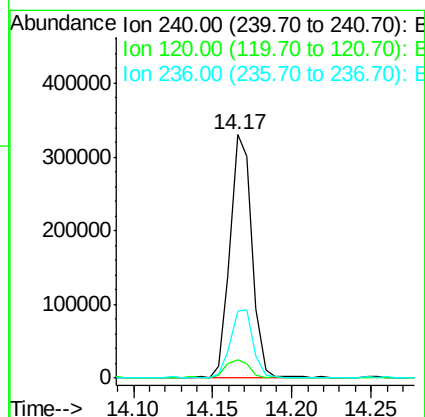
RT: 14.17 min Scan# 2011

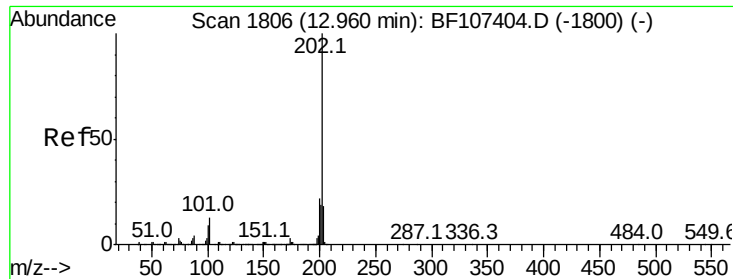
Delta R.T. -0.01 min

Lab File: BF107470.D

Acq: 18 Jul 2018 12:00

Tgt Ion:	240	Resp:	319281
Ion Ratio	Lower	Upper	
240	100		
120	7.7	9.5	14.3#
236	27.5	20.7	31.1





#77

Pvrene

Concen: 3.180 ng/mL

RT: 12.97 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF107470.D

Acq: 18 Jul 2018 12:00

Instrument :

BNA_F

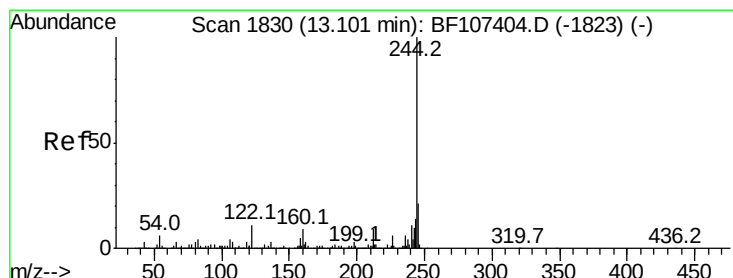
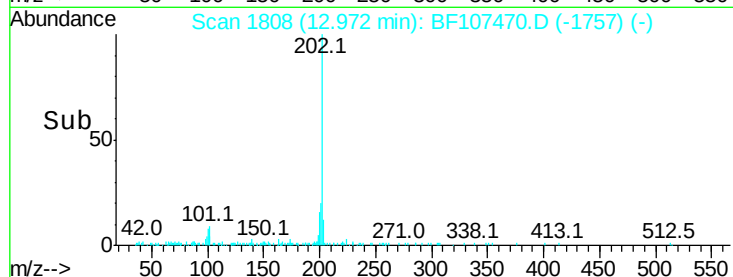
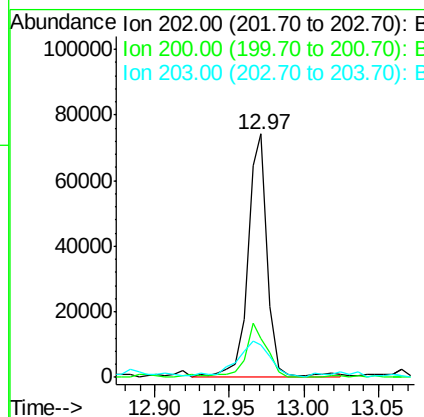
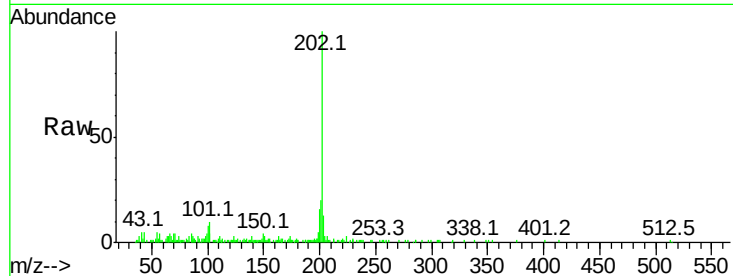
ClientSampleId :

CB-7-8-6-ST-EW-2@2.75

Tot Ion:	202	Resp:	69035
Ion Ratio	Lower	Upper	
202	100		
200	16.2	17.4	26.2#
203	13.2	14.3	21.5#

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



#78

Terphenyl-d14

Concen: 88.854 ng/mL

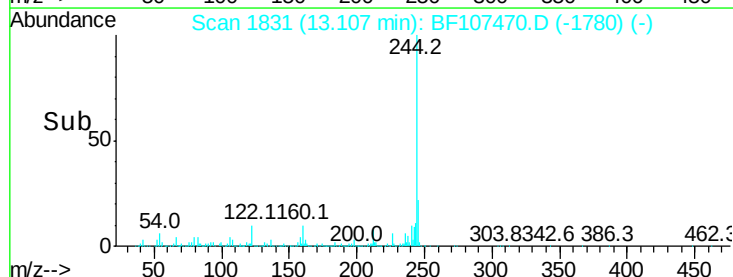
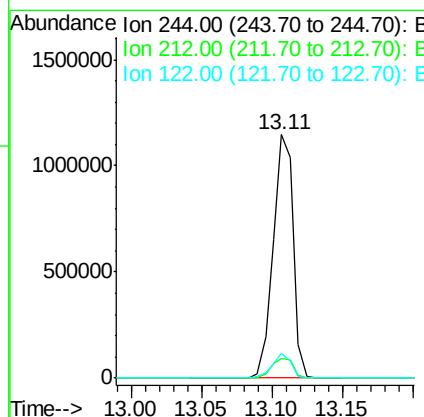
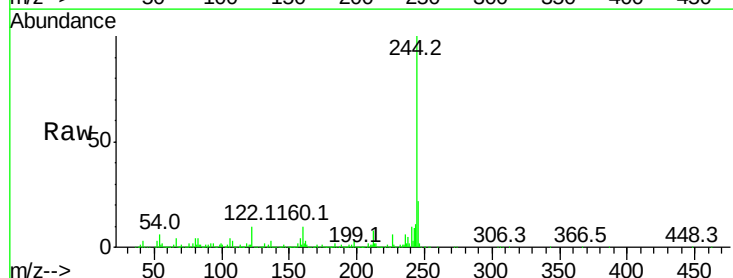
RT: 13.11 min Scan# 1831

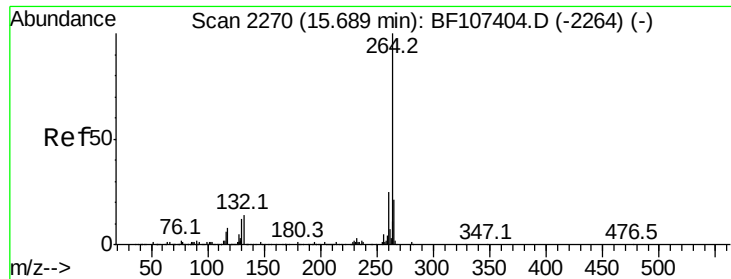
Delta R.T. 0.00 min

Lab File: BF107470.D

Acq: 18 Jul 2018 12:00

Tgt Ion:	244	Resp:	1141818
Ion Ratio	Lower	Upper	
244	100		
212	8.2	5.4	8.0#
122	10.3	11.0	16.4#





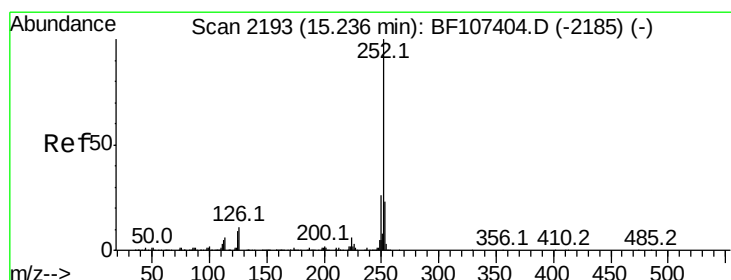
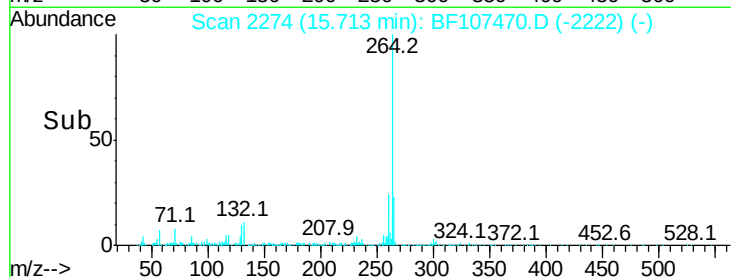
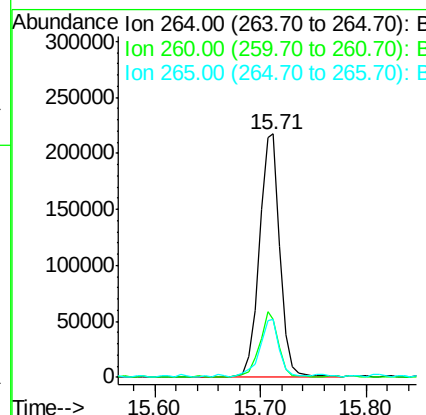
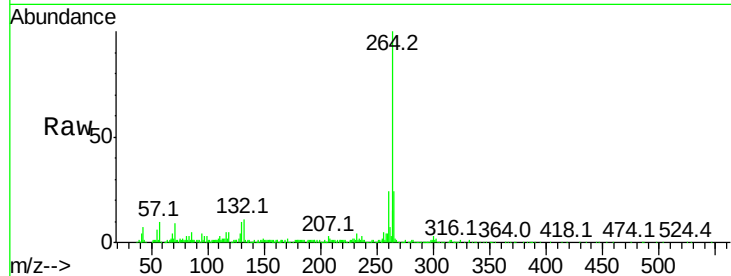
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF107470.D
Acq: 18 Jul 2018 12:00

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-2@2.75

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	23.6	17.5	26.3

Manual Integrations
APPROVED

Sohil
7/19/2018 11:49:19 AM



#87
Benzo(b)fluoranthene
Concen: 2.341 ng m
RT: 15.24 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF107470.D
Acq: 18 Jul 2018 12:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	17.5	9.0	13.6

