

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110770.D
 Acq On : 14 Nov 2018 17:55
 Operator : JU/SJ
 Sample : J5889-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-B

Manual Integrations
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 11/15/2018 4:18:19 PM

Quant Time: Nov 15 10:40:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	65396	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	247051	20.00	ng	0.01
39) Acenaphthene-d10	10.02	164	114916	20.00	ng	0.02
64) Phenanthrene-d10	11.50	188	179319	20.00	ng	0.02
76) Chrysene-d12	14.13	240	155332	20.00	ng	0.00
87) Perylene-d12	15.66	264	143510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	450575	111.91	ng	0.00
7) Phenol-d6	6.57	99	577956	112.26	ng	0.00
23) Nitrobenzene-d5	7.52	82	353880	82.49	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	96320	83.18	ng	0.02
45) 2-Fluorobiphenyl	9.32	172	598447	74.38	ng	0.01
79) Terphenyl-d14	13.07	244	470819	56.76	ng	0.00
Target Compounds						
10) Phenol	6.59	94	40628	6.806	ng	Qvalue # 72
31) Naphthalene	8.26	128	876490	75.574	ng	98
37) 2-Methylnaphthalene	8.96	142	1595687	209.880	ng	99
38) 1-Methylnaphthalene	9.06	142	1125026	153.865	ng	# 98
46) 1,1'-Biphenyl	9.42	154	149530	13.949	ng	95
50) Dimethylphthalate	9.71	163	45047	5.253	ng	# 70
52) Acenaphthene	10.05	154	112688	16.032	ng	# 67
58) Fluorene	10.56	166	201443	25.502	ng	# 84
71) Phenanthrene	11.53	178	599183	62.369	ng	# 95
75) Fluoranthene	12.71	202	42587	4.422	ng	83
78) Pyrene	12.94	202	115536	9.660	ng	# 90
83) Chrysene	14.16	228	19212m	2.172	ng	

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

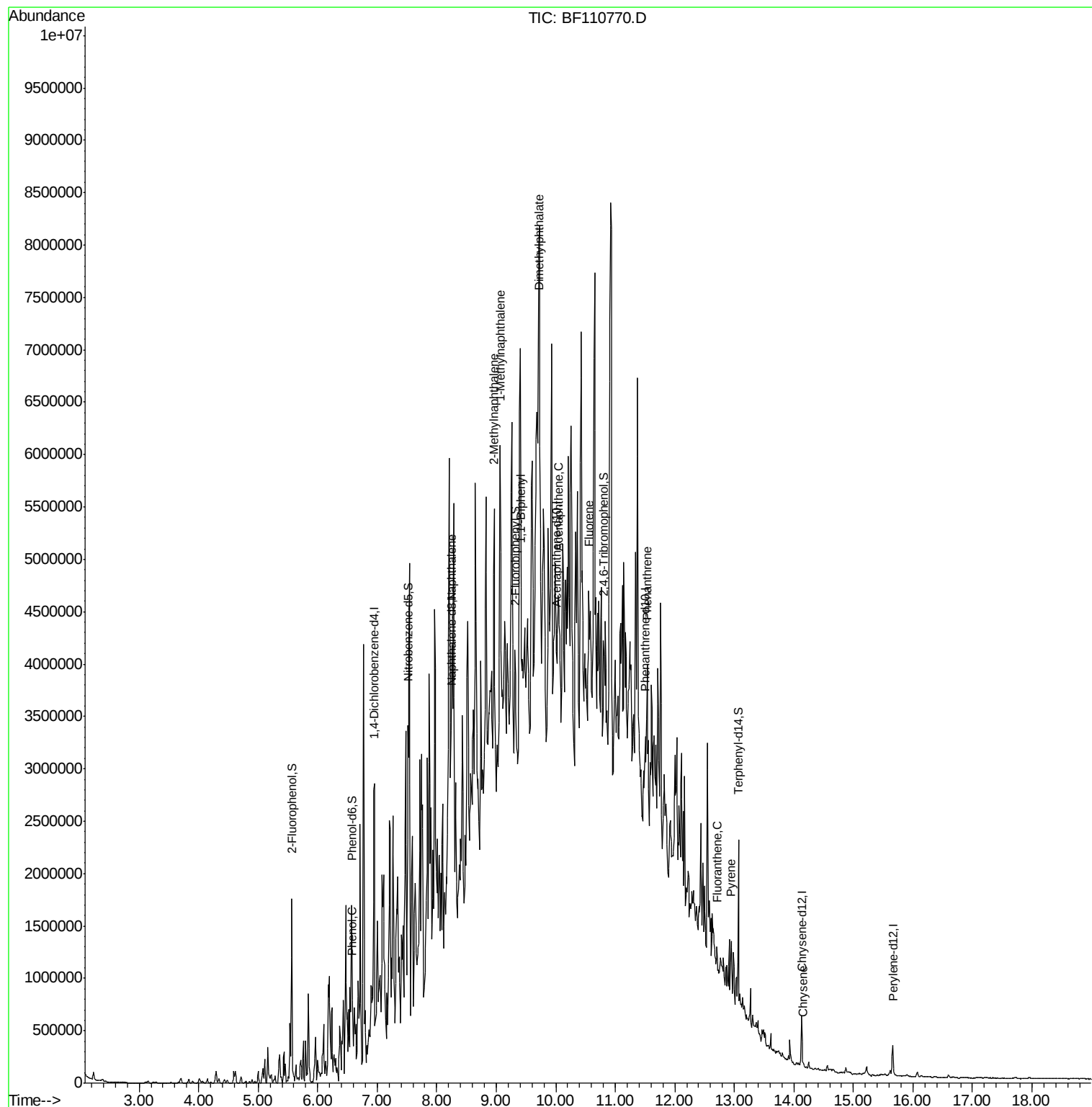
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110770.D
Acq On : 14 Nov 2018 17:55
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Sample : J5889-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

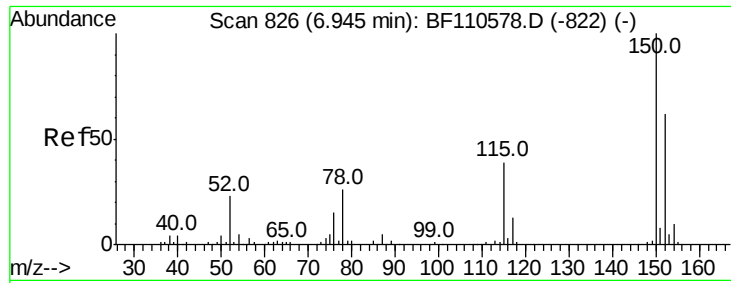
Instrument :
BNA_F
ClientSampleId :
WALL-B

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Quant Time: Nov 15 10:40:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

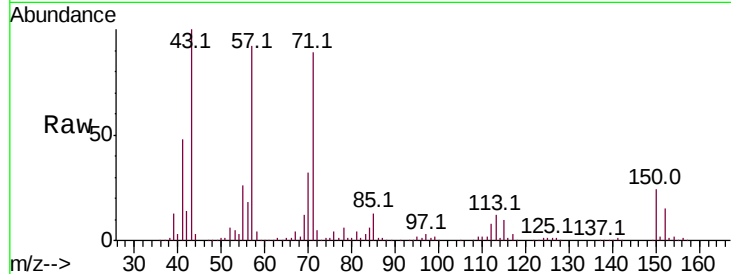
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110770.D
Acq: 14 Nov 2018 17:55

Instrument :
BNA_F
ClientSampleId :
WALL-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.7	184.1
115	64.7	49.1	73.7

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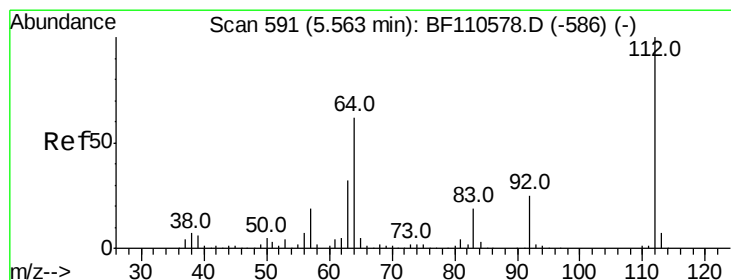
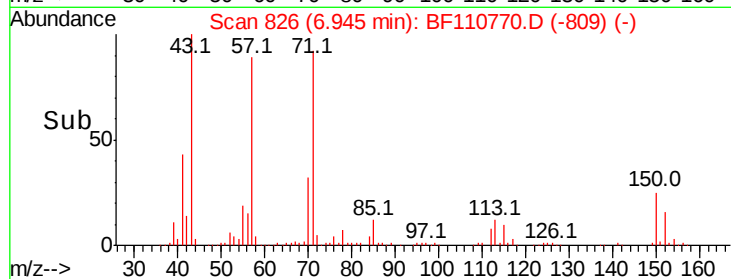
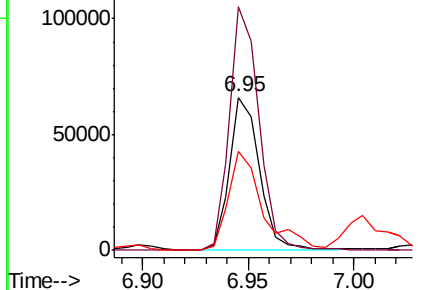


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

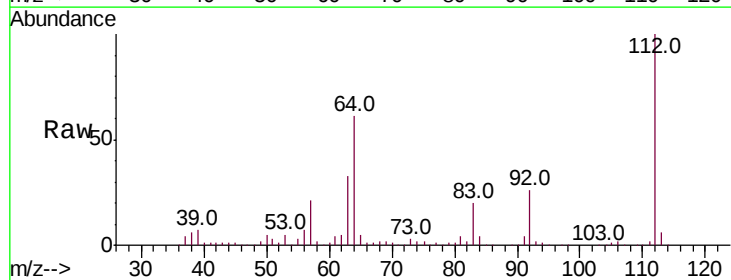
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.914 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110770.D
Acq: 14 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	44.1	66.1
63	32.5	23.7	35.5

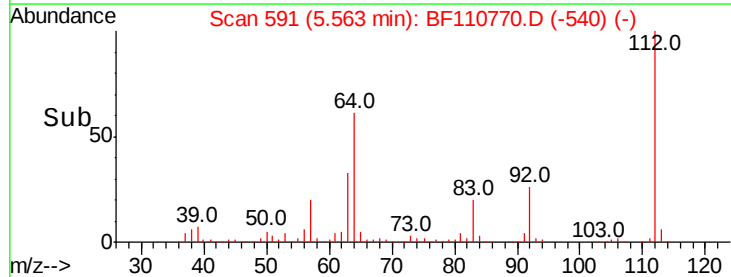
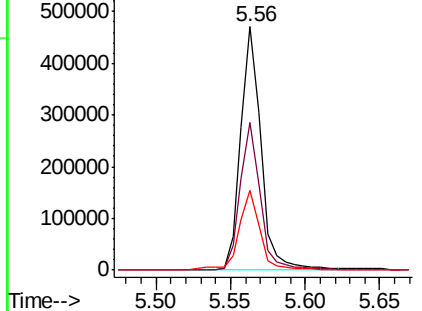


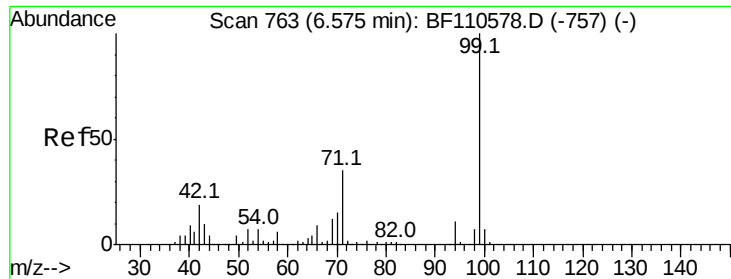
Abundance

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: 112.260 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110770.D

Acq: 14 Nov 2018 17:55

Instrument :

BNA_F

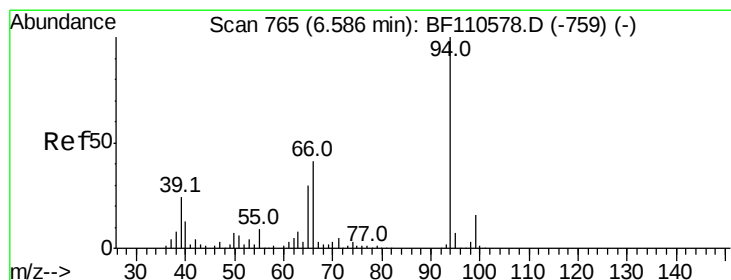
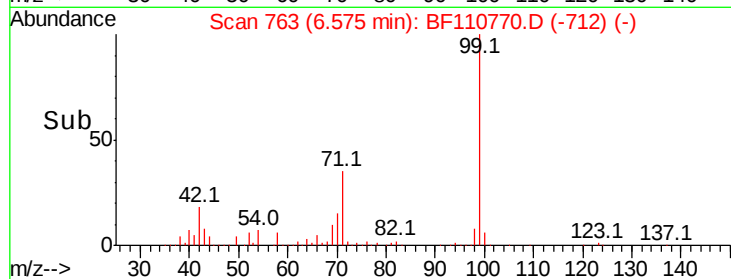
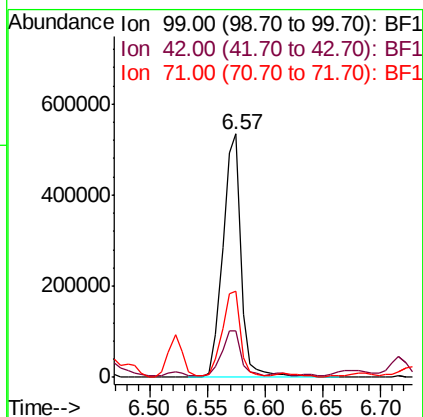
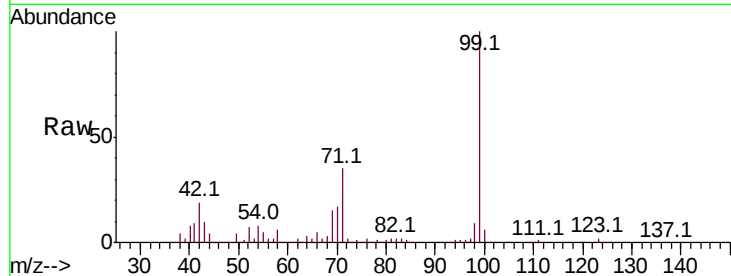
ClientSampleId :

WALL-B

Tot Ion:	99	Resp:	577956
Ion Ratio	Lower	Upper	
99	100		
42	19.1	15.8	23.6
71	35.2	28.0	42.0

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#10

Phenol

Concen: 6.806 ng

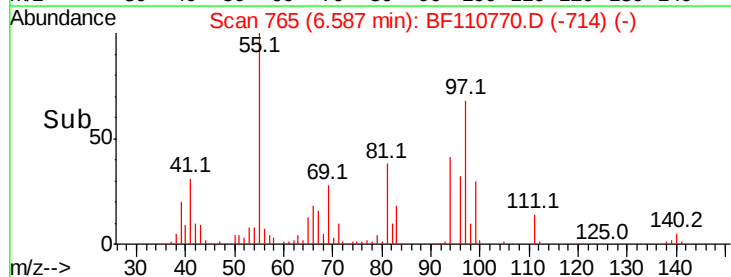
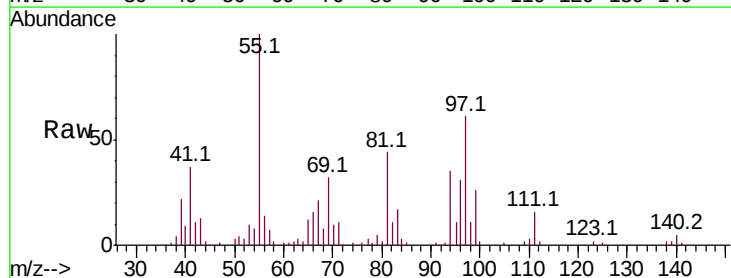
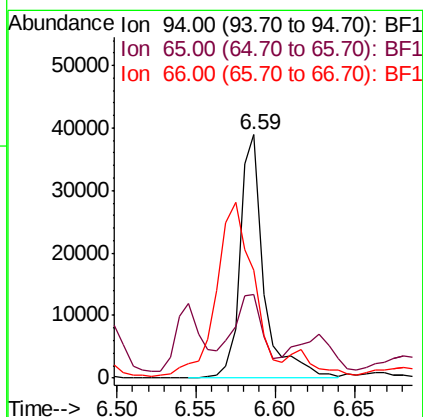
RT: 6.59 min Scan# 765

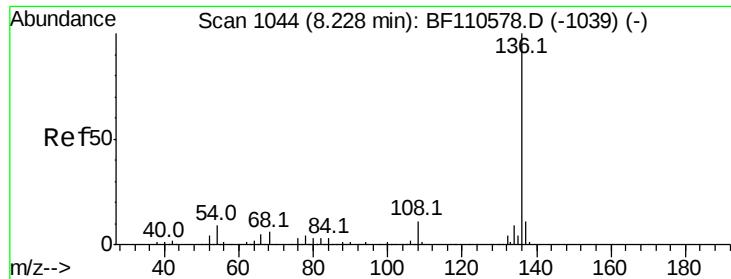
Delta R.T. 0.00 min

Lab File: BF110770.D

Acq: 14 Nov 2018 17:55

Tgt Ion:	94	Resp:	40628
Ion Ratio	Lower	Upper	
94	100		
65	34.4	25.3	65.3
66	44.5	54.5	94.5#





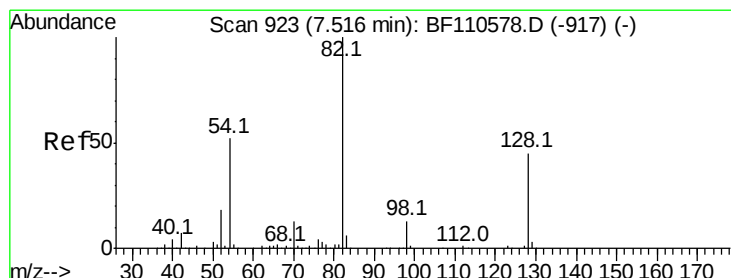
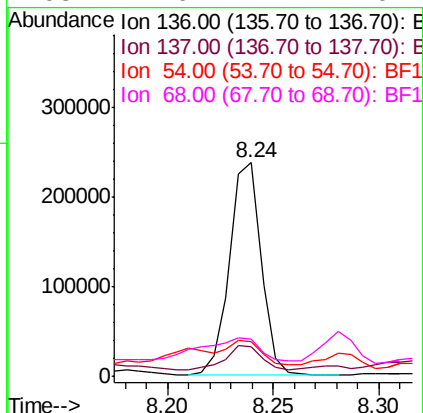
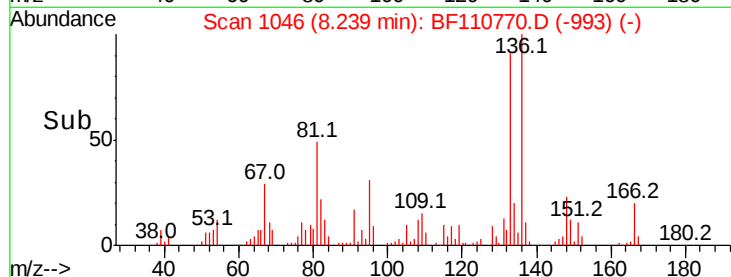
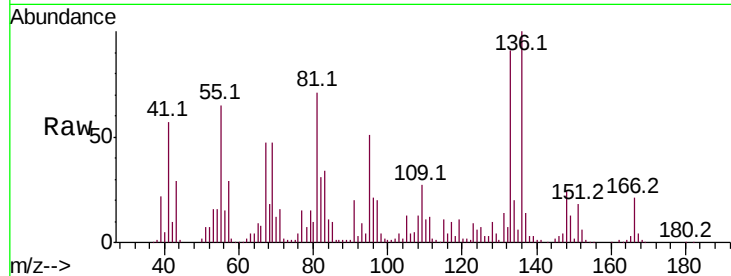
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF110770.D
Acq: 14 Nov 2018 17:55

Instrument :
BNA_F
ClientSampleId :
WALL-B

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	14.0	8.8	13.2#
54	16.5	5.4	8.2#
68	17.6	4.2	6.2#

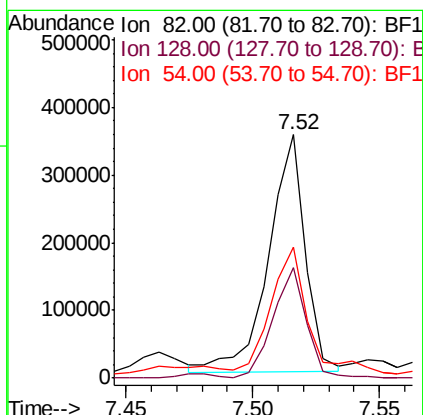
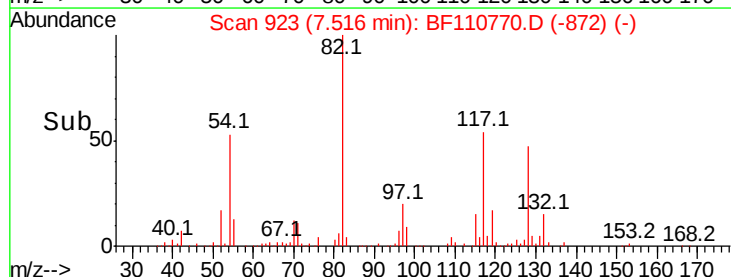
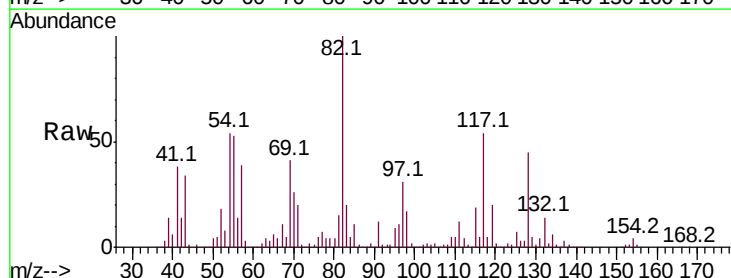
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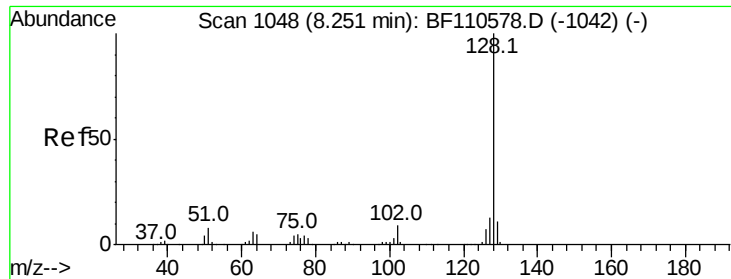
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#23
Nitrobenzene-d5
Concen: 82.492 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110770.D
Acq: 14 Nov 2018 17:55

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.3	34.2	51.2
54	54.0	38.6	58.0





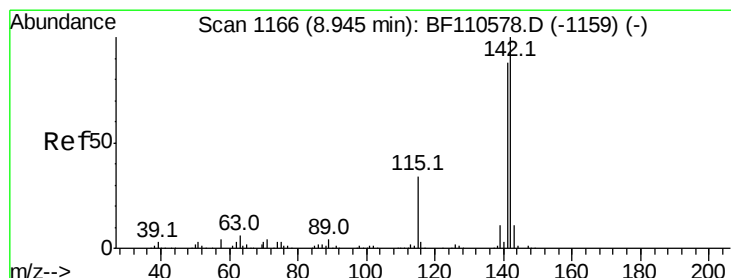
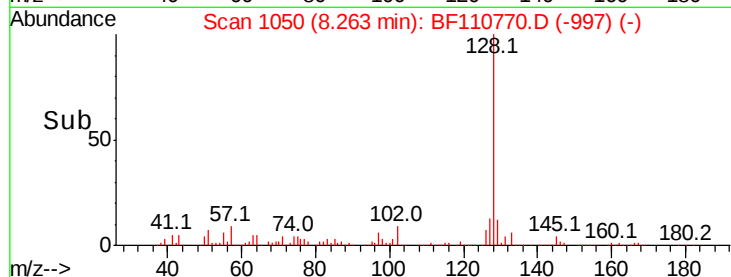
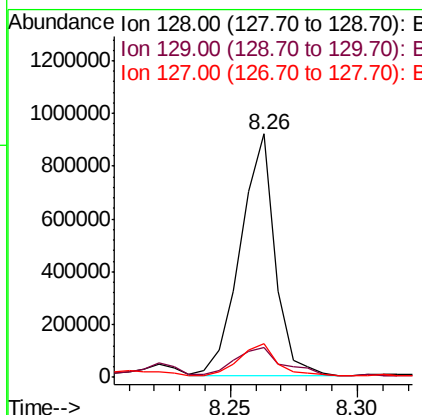
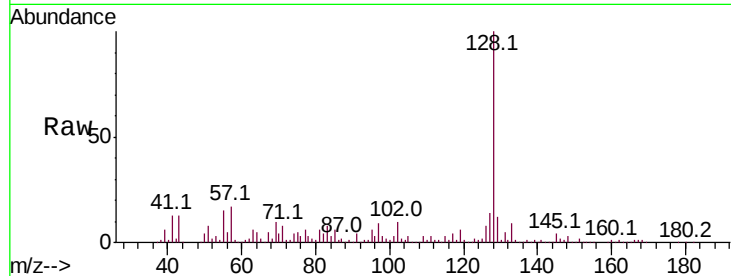
#31
Naphthalene
Concen: 75.574 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BF110770.D
Acq: 14 Nov 2018 17:55

Instrument :
BNA_F
ClientSampleId :
WALL-B

Tot Ion	Ratio	Resp	Lower	Upper
128	100	876490		
129	12.2		8.8	13.2
127	13.8		10.8	16.2

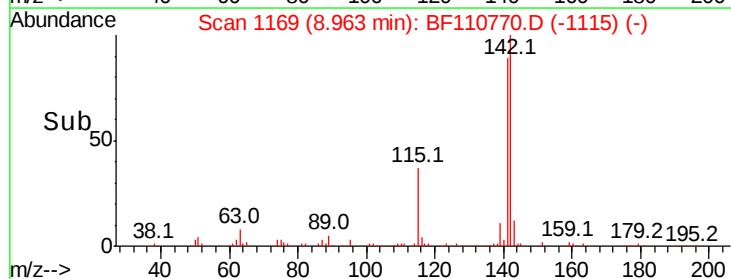
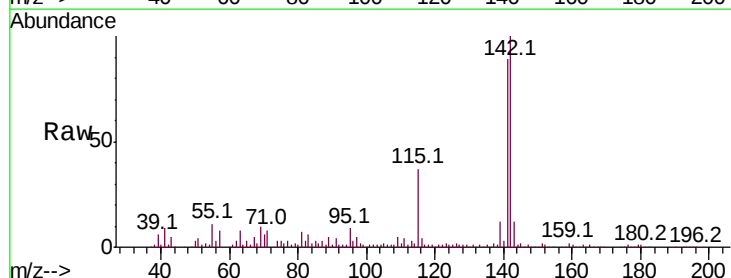
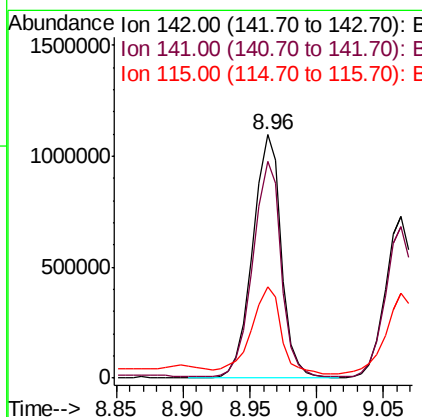
Manual Integrations
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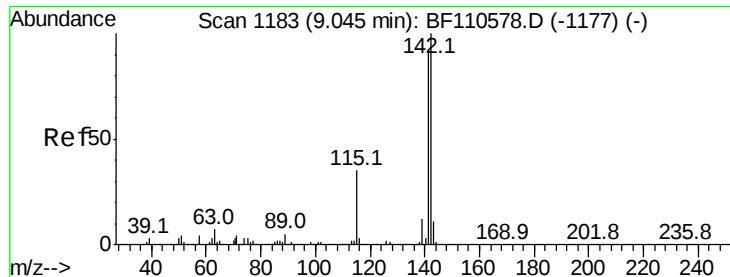
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#37
2-Methylnaphthalene
Concen: 209.880 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BF110770.D
Acq: 14 Nov 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1595687		
141	89.0		71.4	107.2
115	37.4		28.7	43.1





#38

1-Methylnaphthalene

Concen: 153.865 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.02 min

Lab File: BF110770.D

Acq: 14 Nov 2018 17:55

Instrument :

BNA_F

ClientSampled :

WALL-B

Tot Ion:142 Resp: 1125026

Ion Ratio Lower Upper

142 100

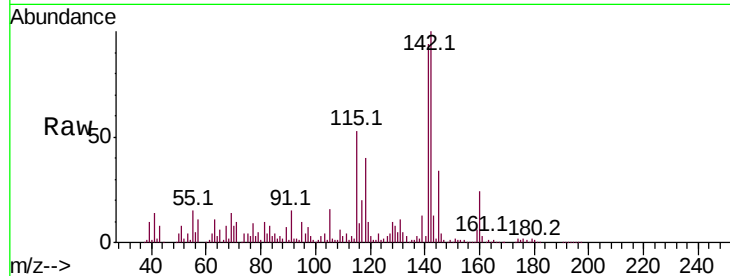
141 94.3 74.2 111.4

116 8.5 2.6 4.0#

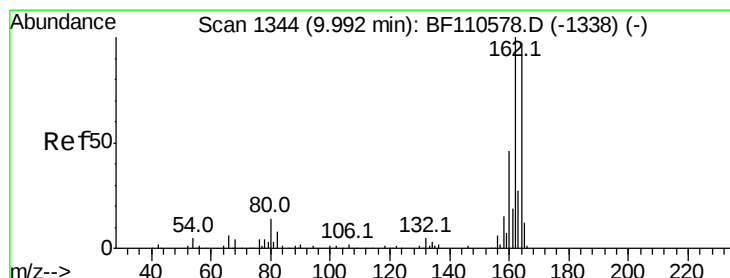
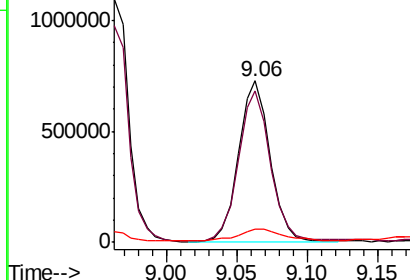
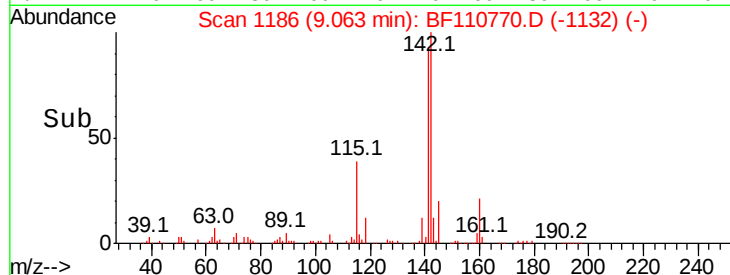
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Abundance Ion 142.00 (141.70 to 142.70): E
1500000
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.02 min

Lab File: BF110770.D

Acq: 14 Nov 2018 17:55

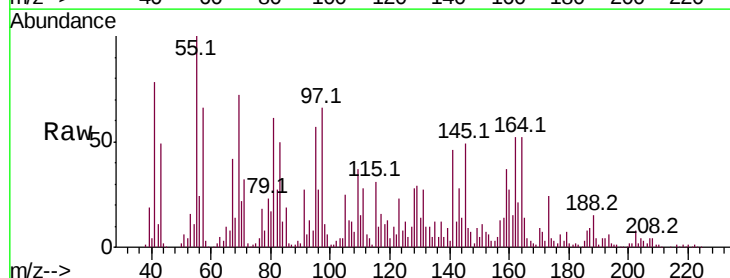
Tgt Ion:164 Resp: 114916

Ion Ratio Lower Upper

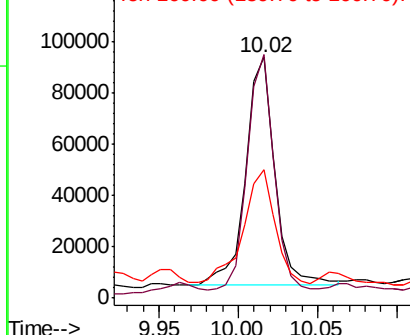
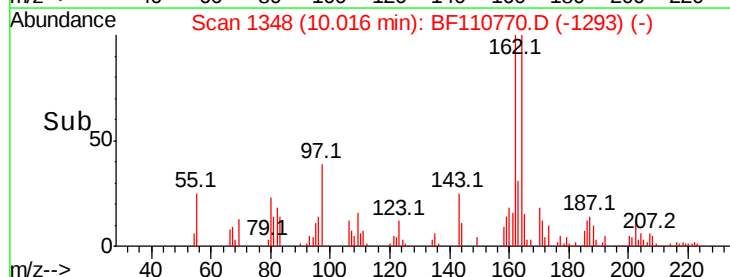
164 100

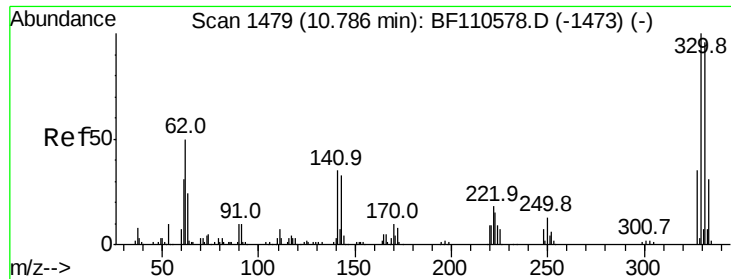
162 101.2 83.0 124.6

160 53.1 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E
120000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





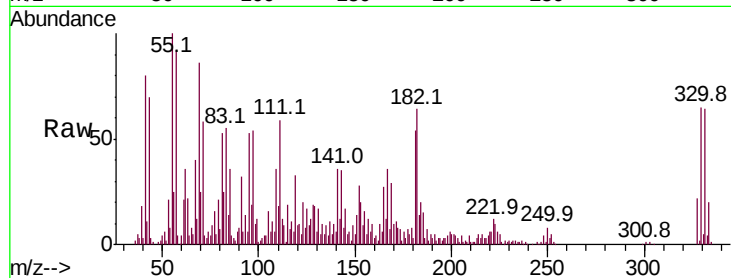
#42
 2,4,6-Tribromophenol
 Concen: 83.183 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.02 min
 Lab File: BF110770.D
 Acq: 14 Nov 2018 17:55

Instrument :
 BNA_F
 ClientSampled :
 WALL-B

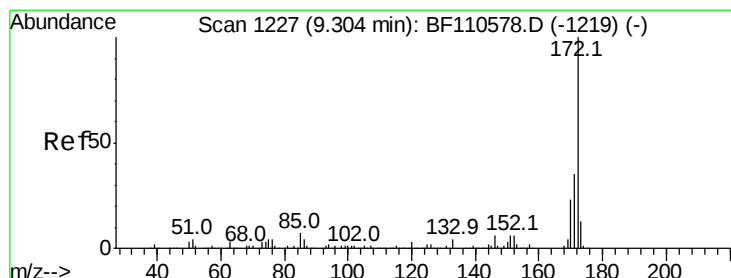
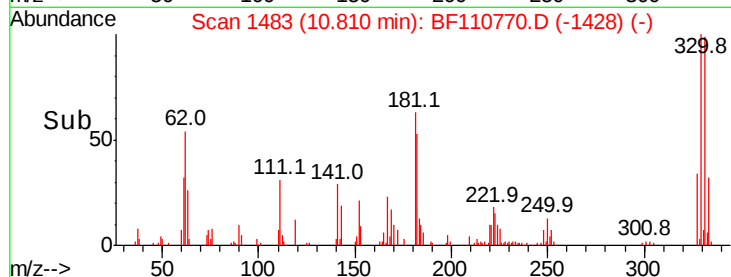
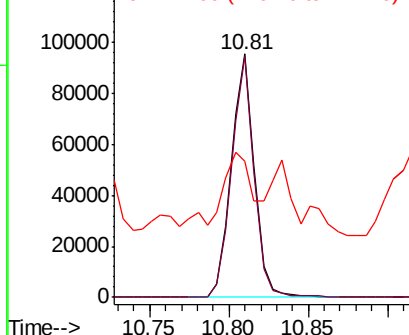
Tot Ion:330 Resp: 96320
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 35.4 27.0 40.4

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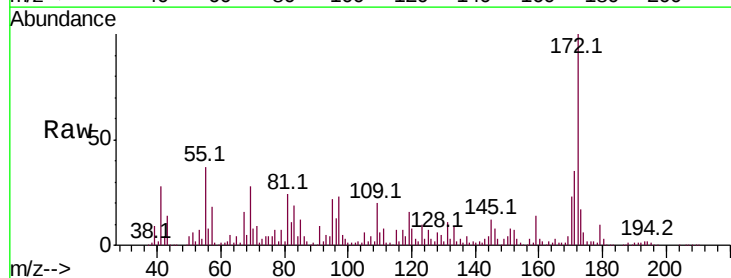


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

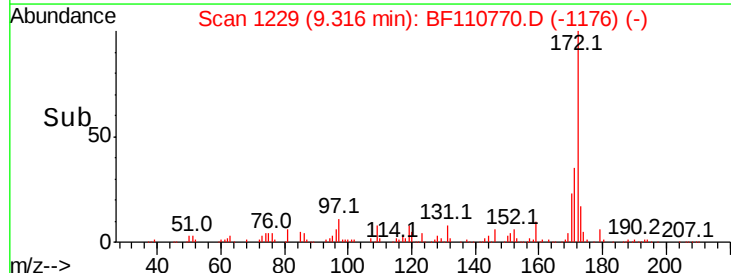
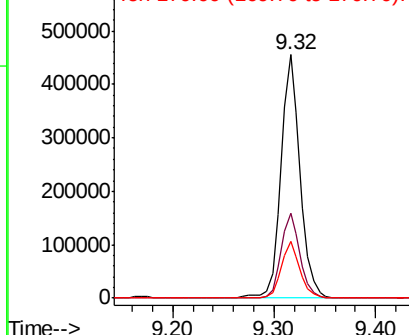


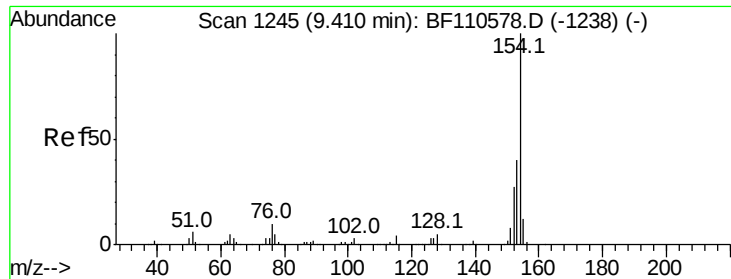
#45
 2-Fluorobiphenyl
 Concen: 74.375 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF110770.D
 Acq: 14 Nov 2018 17:55

Tgt Ion:172 Resp: 598447
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 23.4 19.7 29.5



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





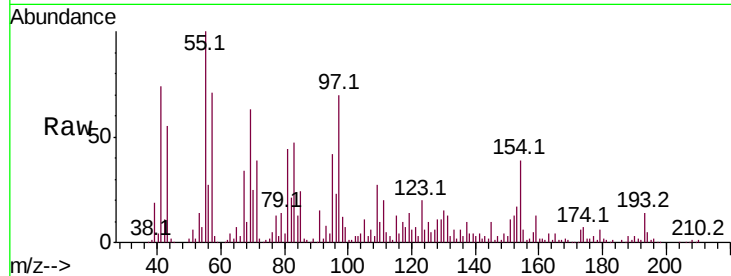
#46
1,1'-Biphenyl
Concen: 13.949 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF110770.D
Acq: 14 Nov 2018 17:55

Instrument :
BNA_F
ClientSampleId :
WALL-B

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	43.5	20.4	60.4	
76	13.5	0.0	31.9	

Manual Integrations
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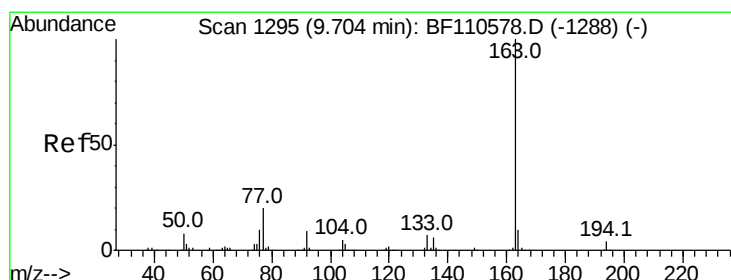
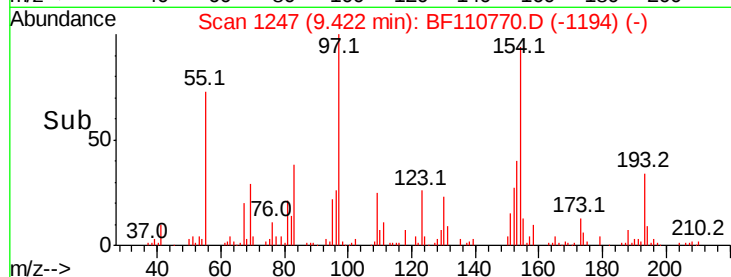
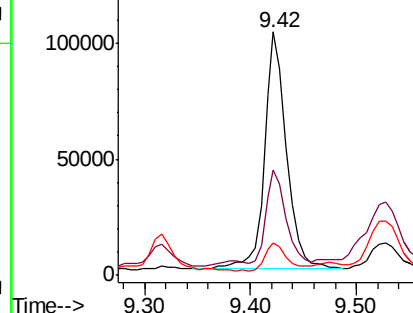


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#50
Dimethylphthalate
Concen: 5.253 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF110770.D
Acq: 14 Nov 2018 17:55

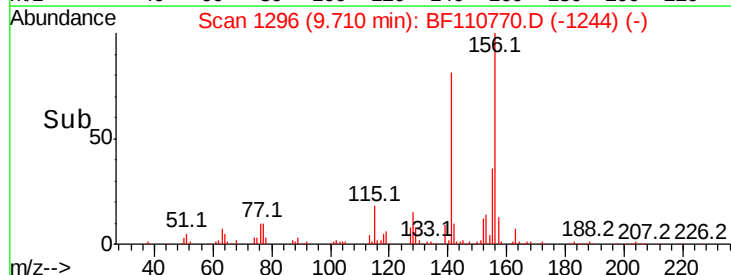
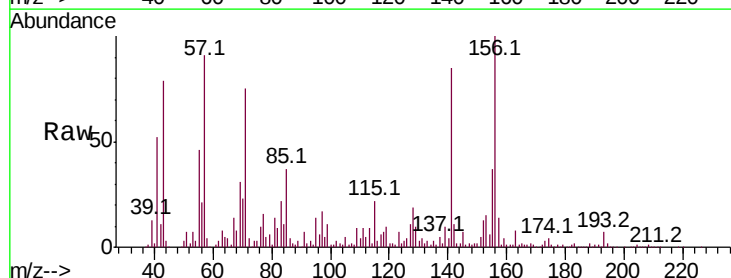
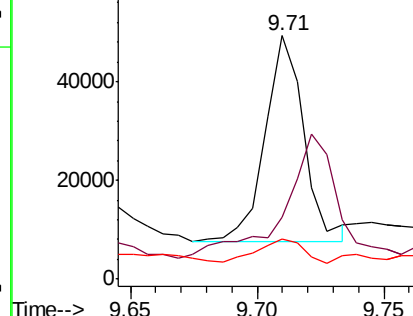
Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	25.2	3.2	4.8#	
164	16.4	8.1	12.1#	

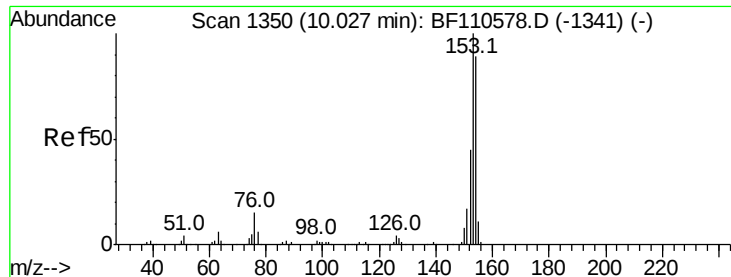
Abundance

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





#52

Acenaphthene

Concen: 16.032 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.02 min

Lab File: BF110770.D

Acq: 14 Nov 2018 17:55

Instrument :

BNA_F

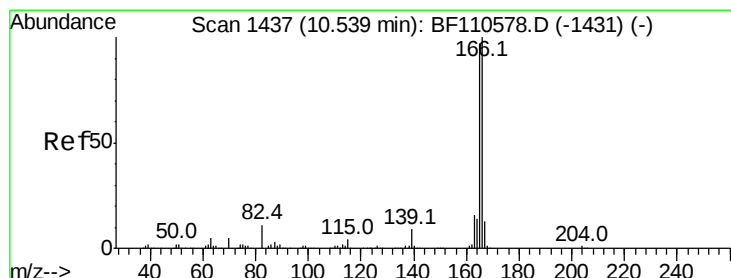
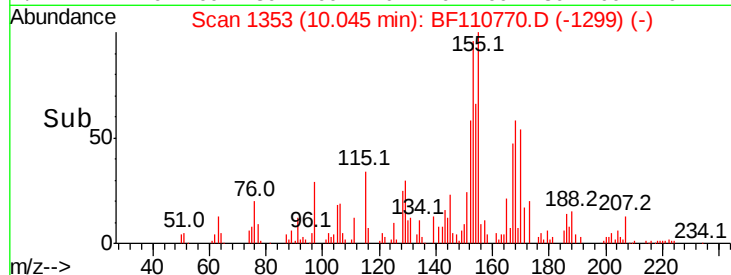
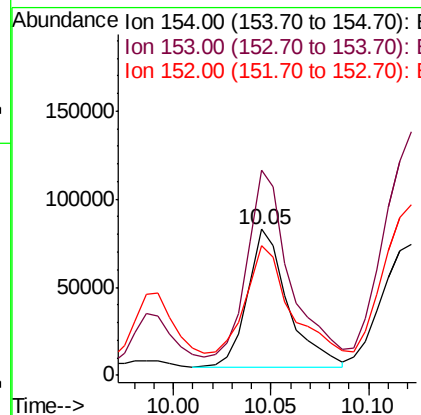
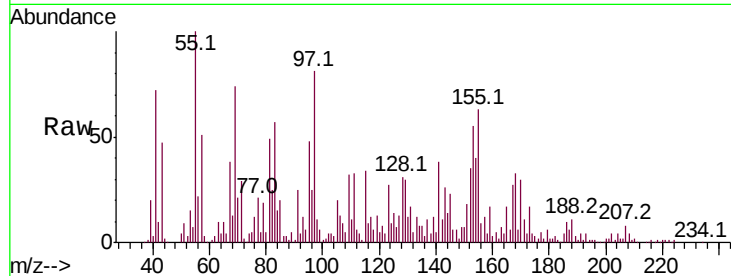
ClientSampled :

WALL-B

Tot Ion:	154	Resp:	112688
Ion Ratio	Lower	Upper	
154	100		
153	140.3	90.1	135.1#
152	88.4	43.4	65.2#

Manual Integrations
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#58

Fluorene

Concen: 25.502 ng

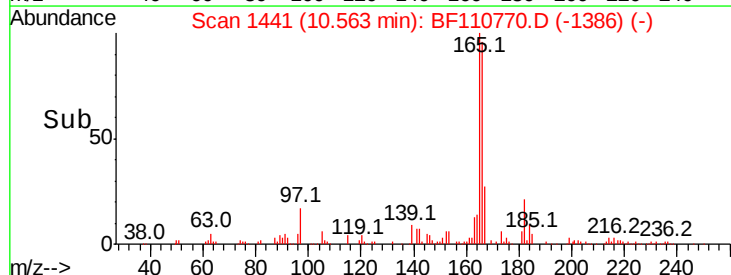
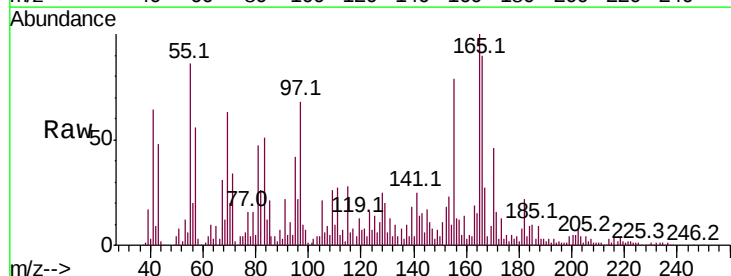
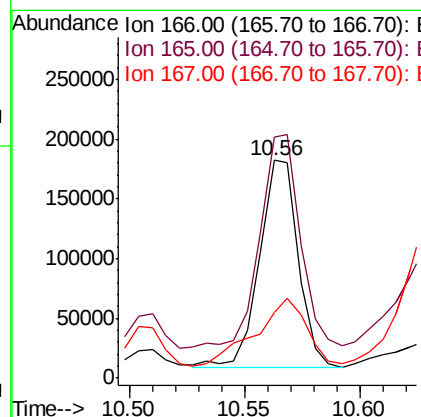
RT: 10.56 min Scan# 1441

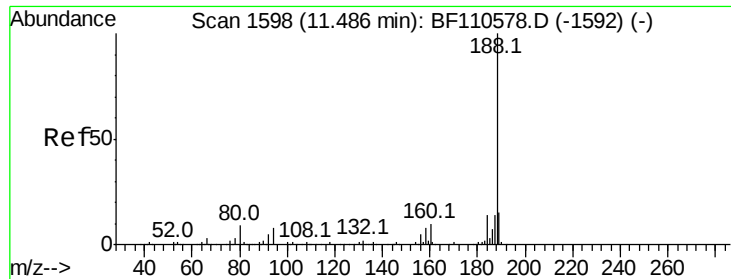
Delta R.T. 0.02 min

Lab File: BF110770.D

Acq: 14 Nov 2018 17:55

Tgt Ion:	166	Resp:	201443
Ion Ratio	Lower	Upper	
166	100		
165	110.7	78.6	117.8
167	30.2	10.8	16.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.02 min

Lab File: BF110770.D

Acq: 14 Nov 2018 17:55

Instrument :

BNA_F

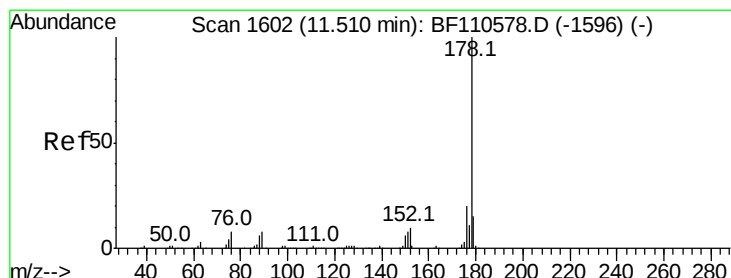
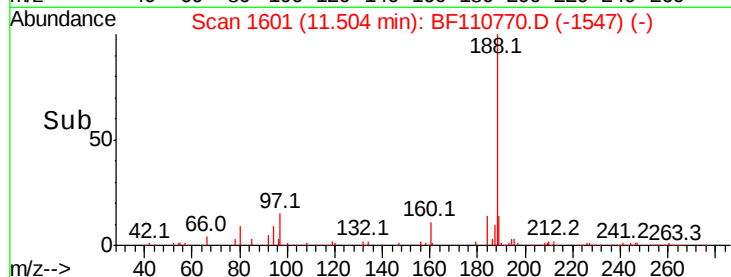
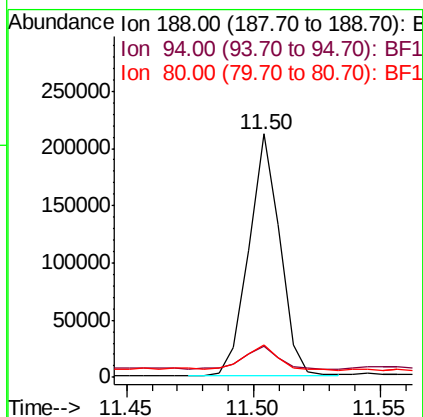
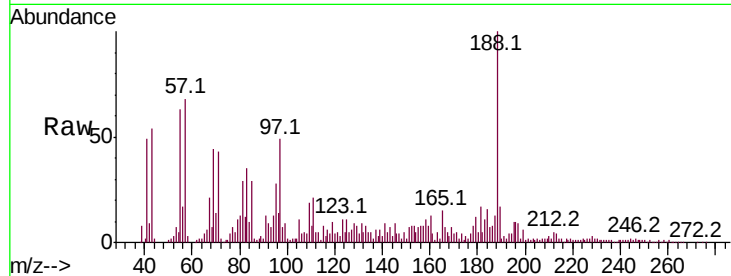
ClientSampled :

WALL-B

Tot Ion:	188	Resp:	179319
Ion Ratio	Lower	Upper	
188	100		
94	12.7	7.2	10.8#
80	13.1	7.9	11.9#

Manual Integrations
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Sohil
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#71

Phenanthrene

Concen: 62.369 ng

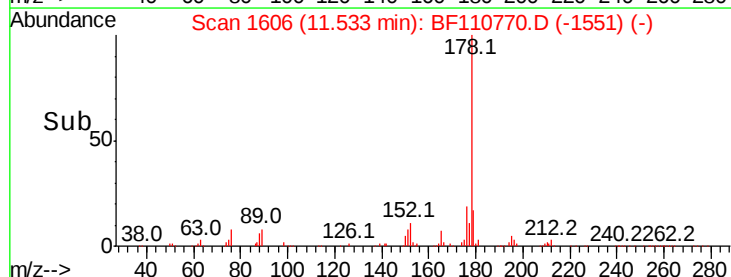
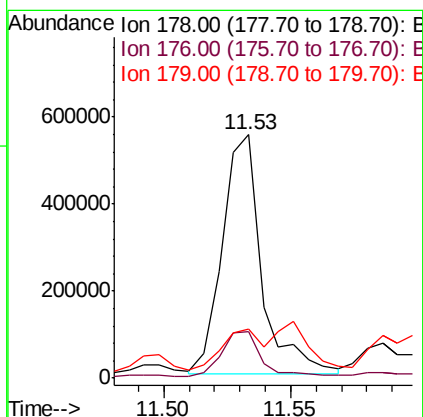
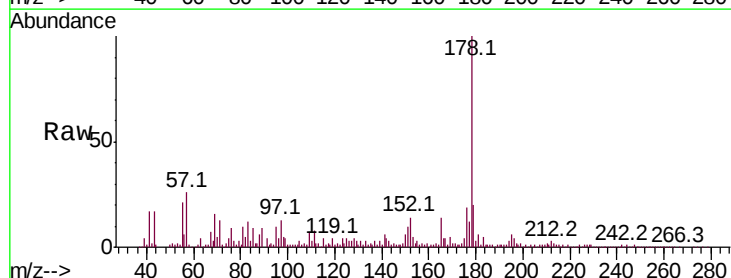
RT: 11.53 min Scan# 1606

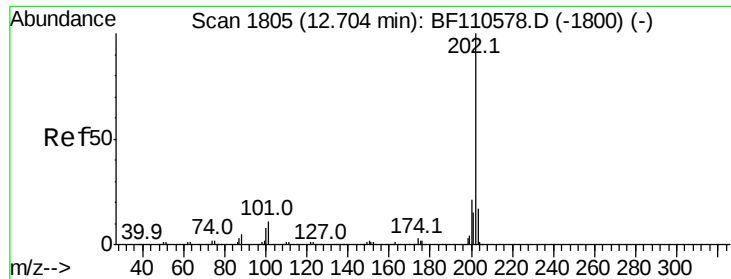
Delta R.T. 0.02 min

Lab File: BF110770.D

Acq: 14 Nov 2018 17:55

Tgt Ion:	178	Resp:	599183
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.5	23.3
179	20.2	12.5	18.7#





#75

Fluoranthene

Concen: 4.422 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF110770.D

Acq: 14 Nov 2018 17:55

Instrument :

BNA_F

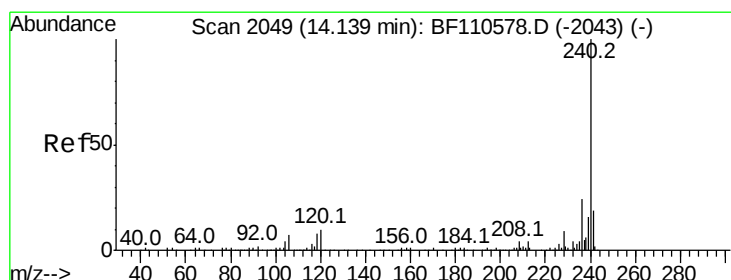
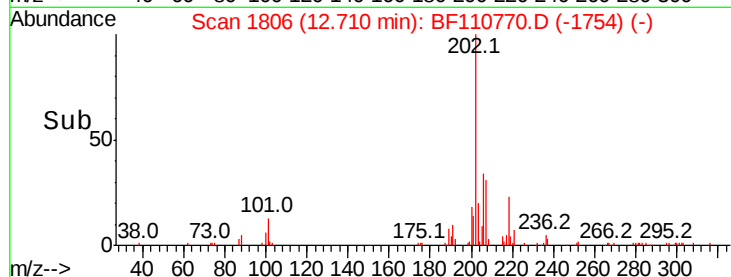
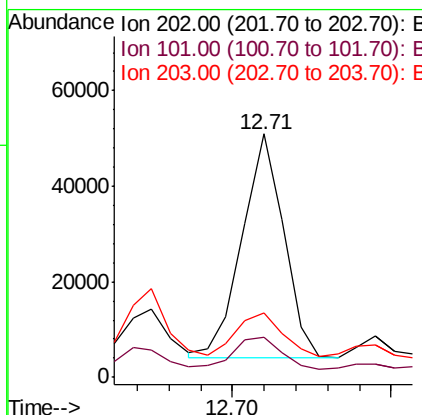
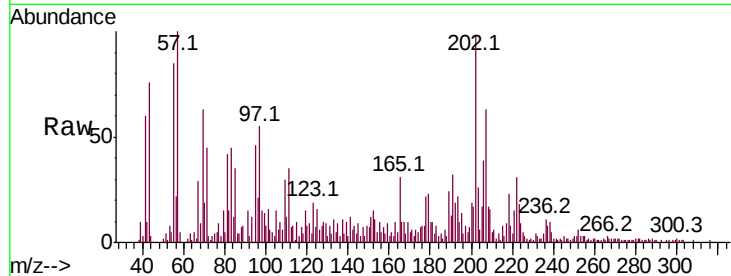
ClientSampleId :

WALL-B

Tot Ion:202	Resp:	42587
Ion Ratio	Lower	Upper
202 100		
101 16.3	0.0	31.4
203 26.5	0.0	37.7

Manual Integrations
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Sohil
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#76

Chrysene-d12

Concen: 20.000 ng

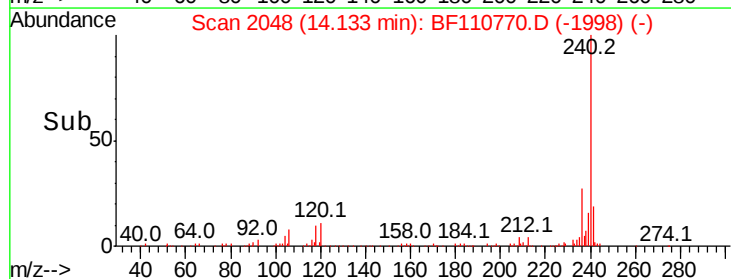
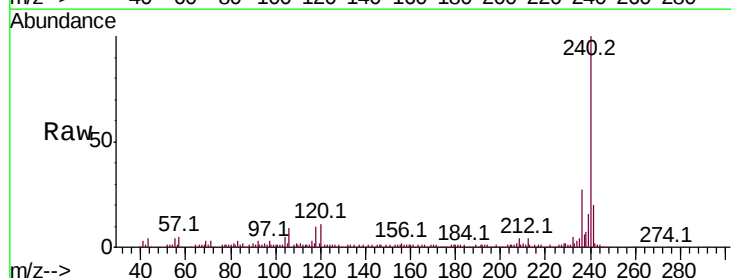
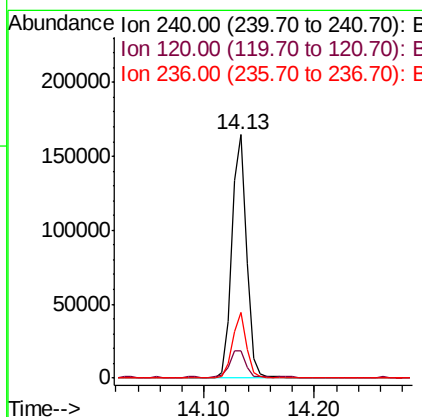
RT: 14.13 min Scan# 2048

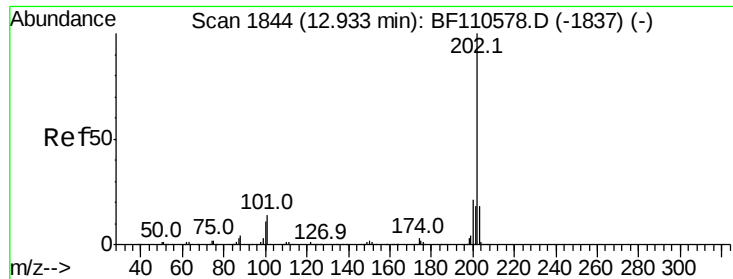
Delta R.T. -0.01 min

Lab File: BF110770.D

Acq: 14 Nov 2018 17:55

Tgt Ion:240	Resp:	155332
Ion Ratio	Lower	Upper
240 100		
120 11.2	8.3	12.5
236 27.0	21.2	31.8





#78

Pvrene

Concen: 9.660 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BF110770.D

Acq: 14 Nov 2018 17:55

Instrument :

BNA_F

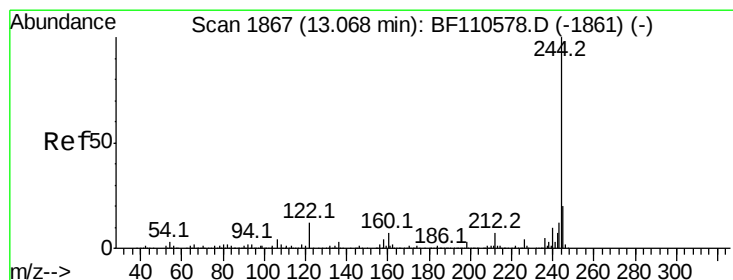
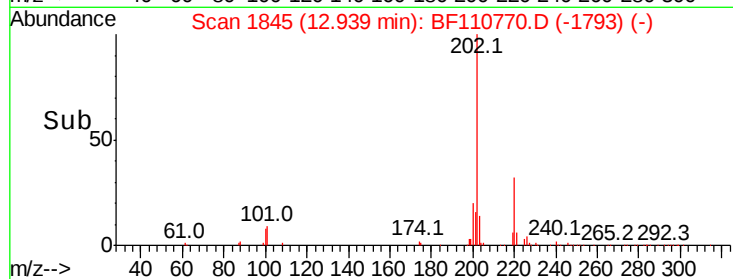
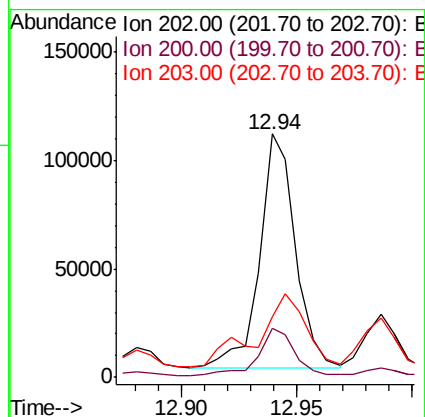
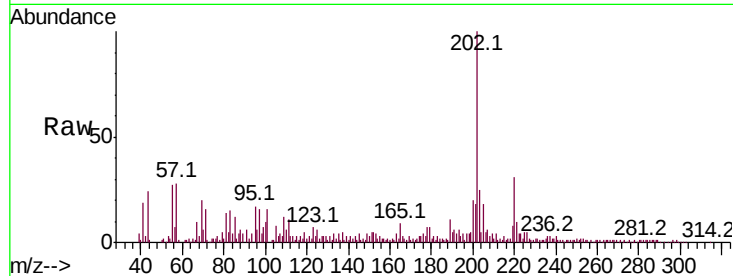
ClientSampled :

WALL-B

Tot Ion:202	Resp:	115536
Ion Ratio	Lower	Upper
202 100		
200 20.0	17.8	26.6
203 25.1	14.2	21.4#

Manual Integrations
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#79

Terphenyl-d14

Concen: 56.764 ng

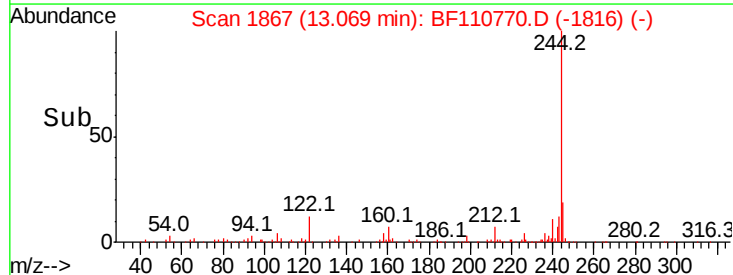
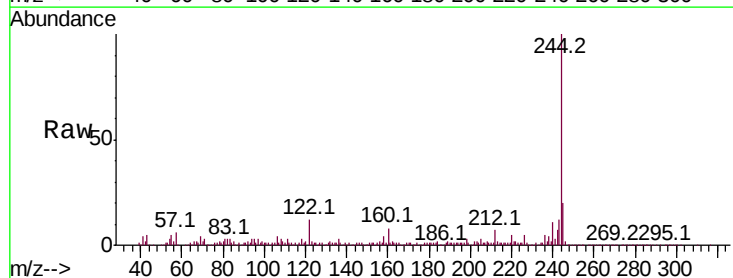
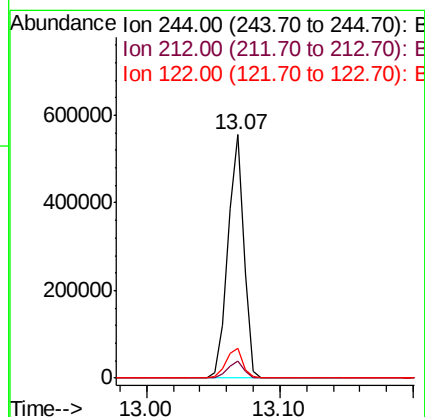
RT: 13.07 min Scan# 1867

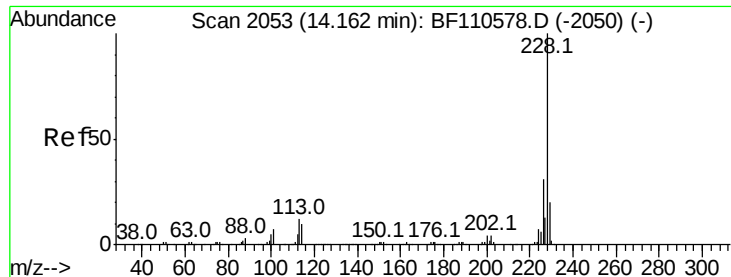
Delta R.T. 0.00 min

Lab File: BF110770.D

Acq: 14 Nov 2018 17:55

Tgt Ion:244	Resp:	470819
Ion Ratio	Lower	Upper
244 100		
212 7.1	5.8	8.8
122 12.1	8.7	13.1





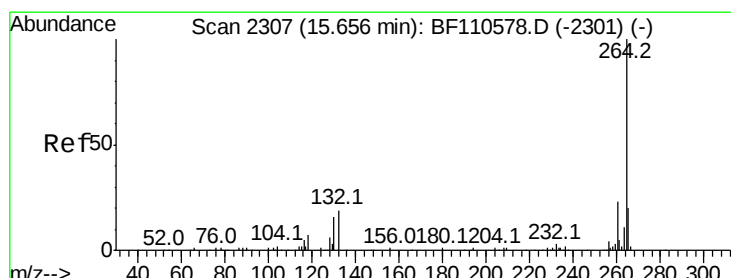
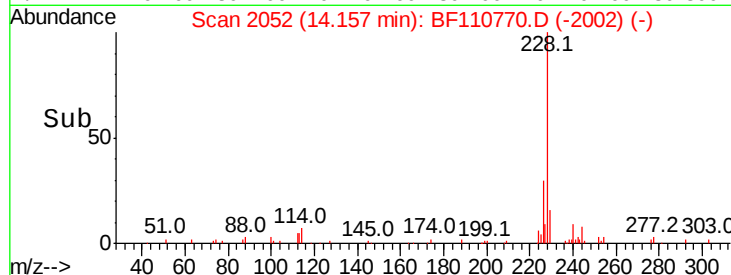
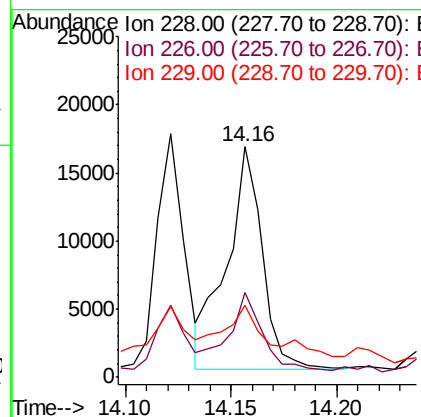
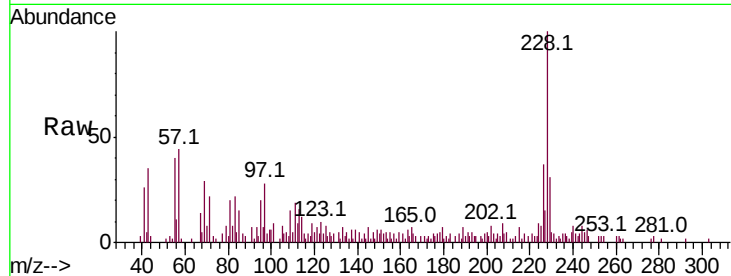
#83
Chrysene
Concen: 2.172 ng/ml
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110770.D
Acq: 14 Nov 2018 17:55

Instrument :
BNA_F
ClientSampleId :
WALL-B

Tot Ion:	228	Resp:	19212
Ion Ratio	Lower	Upper	
228	100		
226	36.6	24.7	37.1
229	31.4	15.9	23.9

Manual Integrations
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Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110770.D
Acq: 14 Nov 2018 17:55

Tgt Ion:	264	Resp:	143510
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.7	28.1
265	21.0	16.7	25.1

