

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091886.D
 Acq On : 22 Dec 2016 15:21
 Operator : UM/SJ
 Sample : H6182-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-51(6-8)-121916

Manual Integrations
 APPROVED

SOHIL
 12/23/2016 5:52:51 PM

Quant Time: Dec 23 11:13:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	273684	20.00	ng	0.01
21) Naphthalene-d8	8.05	136	673917	20.00	ng	0.01
38) Acenaphthene-d10	9.86	164	231900m	20.00	ng	0.07
63) Phenanthrene-d10	11.33	188	187833m	20.00	ng	0.07
75) Chrysene-d12	13.93	240	375314m	20.00	ng	0.02
86) Perylene-d12	15.32	264	441271m	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2138748	130.48	ng	0.07
7) Phenol-d6	6.46	99	2727194	136.28	ng	0.06
23) Nitrobenzene-d5	7.33	82	1505572	124.23	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	185465	96.64	ng	0.08
44) 2-Fluorobiphenyl	9.16	172	1087964	98.12	ng	0.05
78) Terphenyl-d14	12.90	244	1026186m	66.31	ng	0.05
Target Compounds						
10) Phenol	6.48	94	135354m	5.94	ng	Qvalue
83) Bis(2-ethylhexyl)phthalate	13.91	149	252369m	17.11	ng	

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

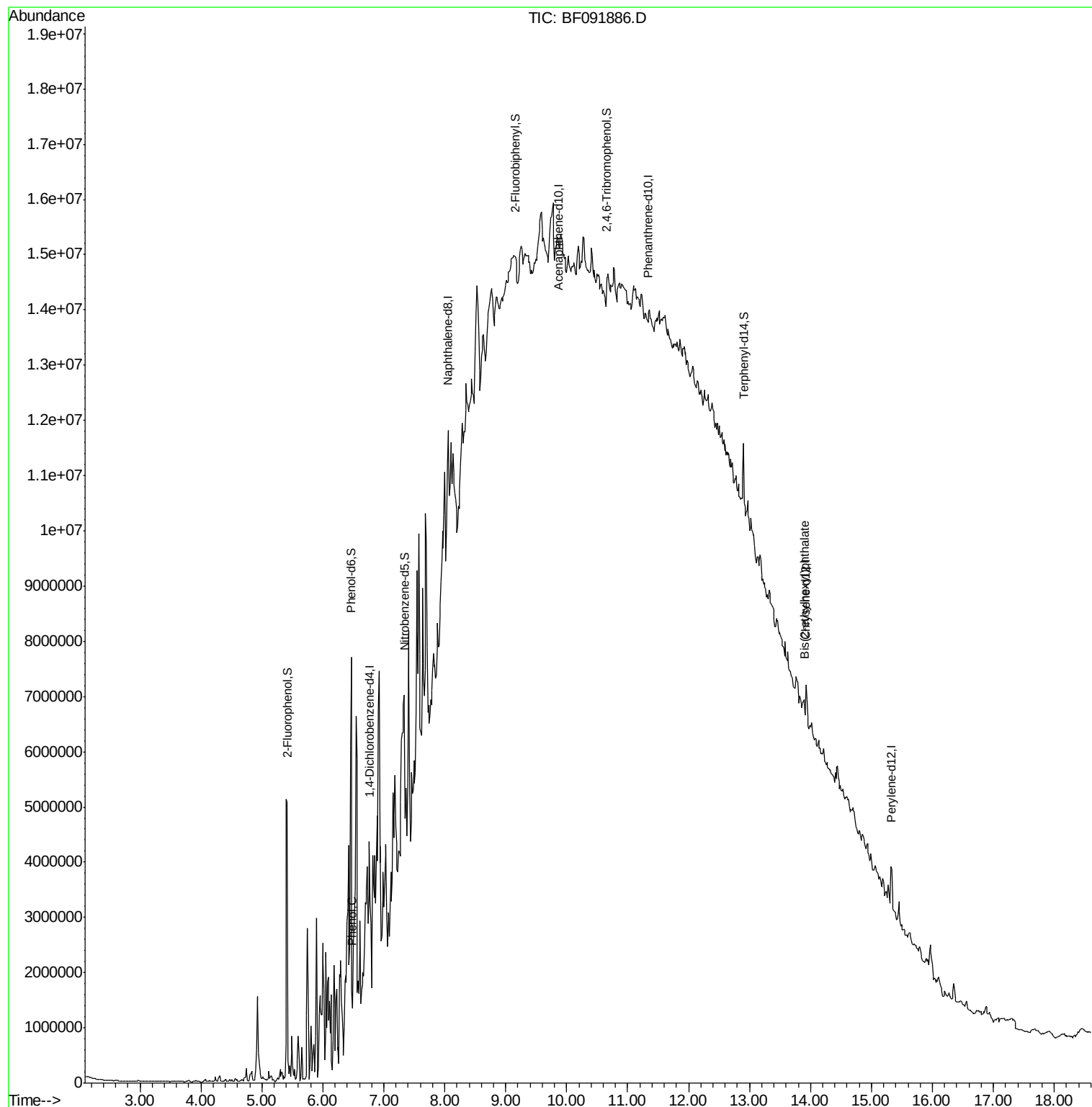
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091886.D
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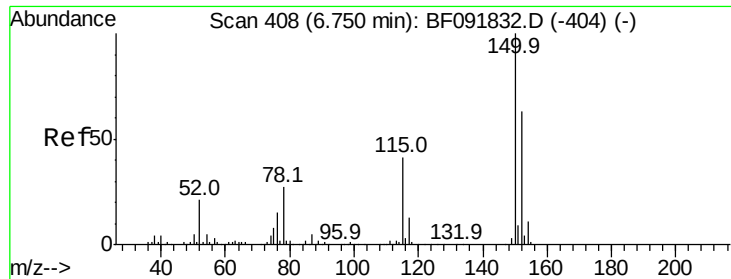
Instrument :
BNA_F
ClientSampleId :
SB-51(6-8)-121916

Manual Integrations
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Quant Time: Dec 23 11:13:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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#1

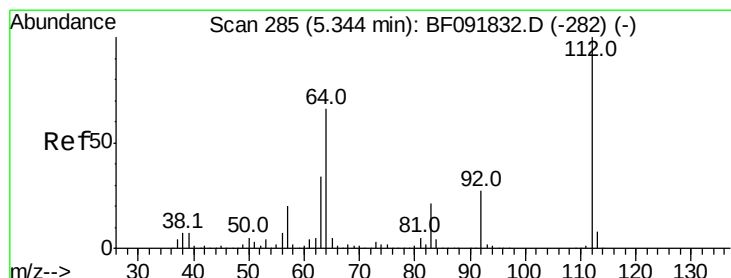
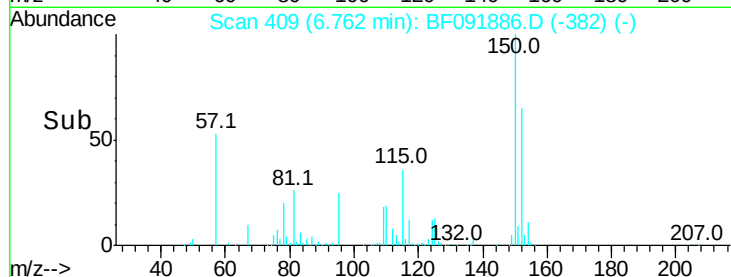
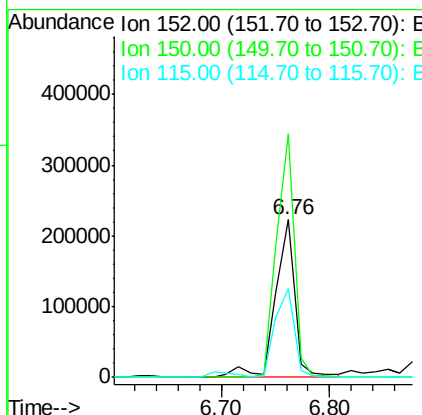
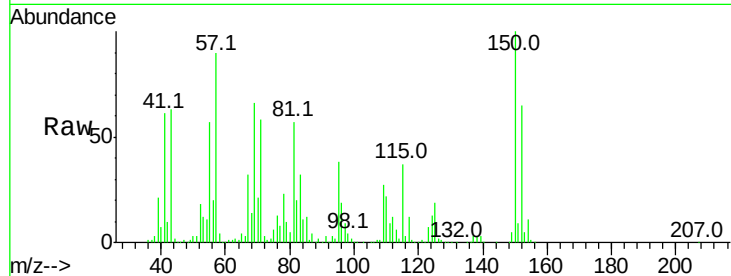
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

Instrument :
BNA_F
ClientSampleId :
SB-51(6-8)-121916

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.9	187.3
115	56.4	46.0	69.0

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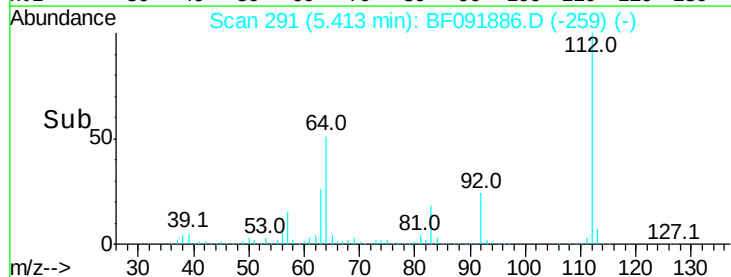
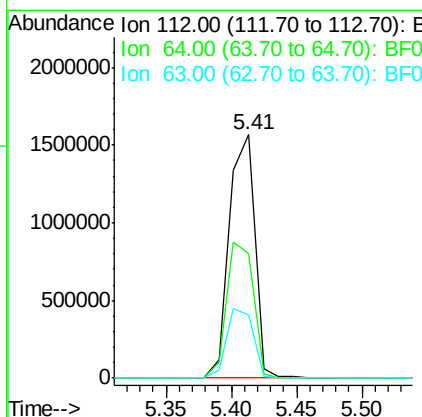
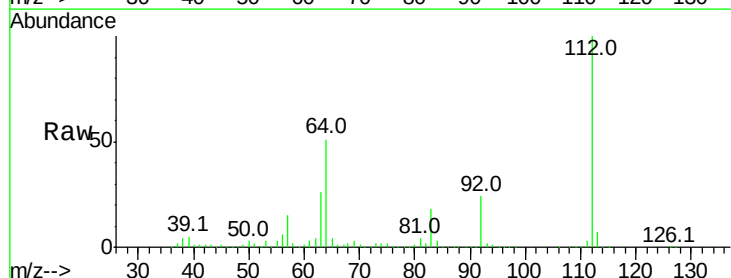
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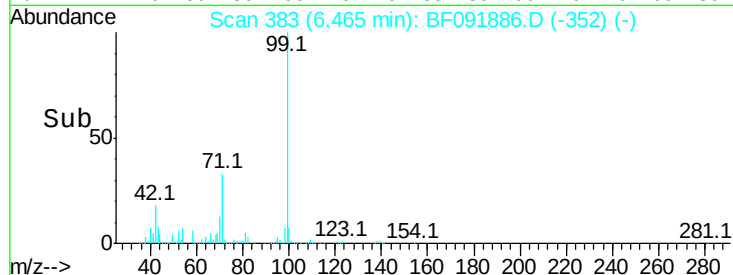
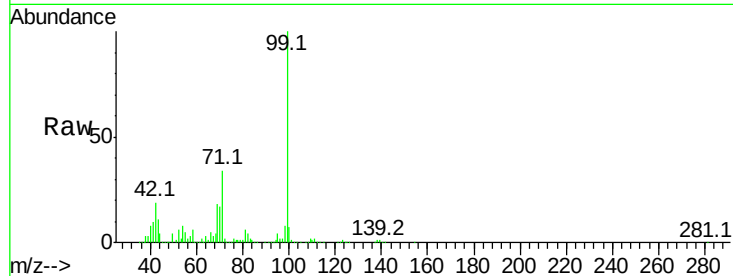
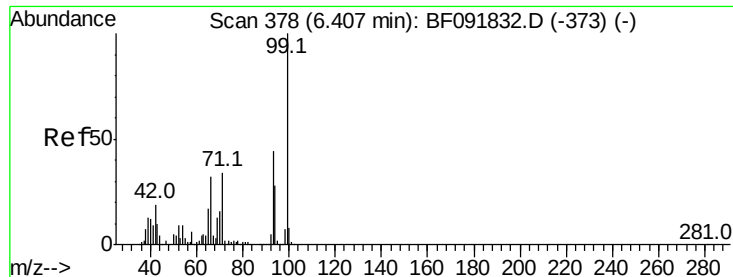


#5

2-Fluorophenol
Concen: 130.48 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.07 min
Lab File: BF091886.D
Acq: 22 Dec 2016 15:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.0	46.1	69.1
63	25.9	23.8	35.6





#7

Phenol-d6

Concen: 136.28 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.06 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Tot Ion: 99 Resp: 2727194

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

71 34.1 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

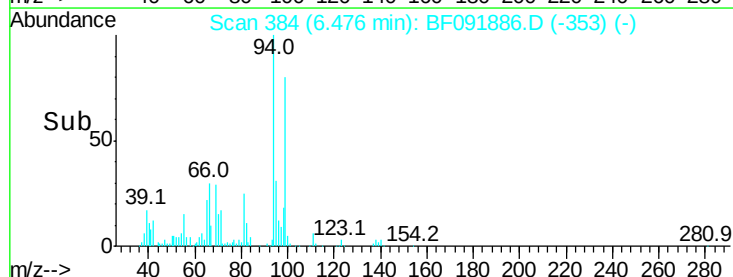
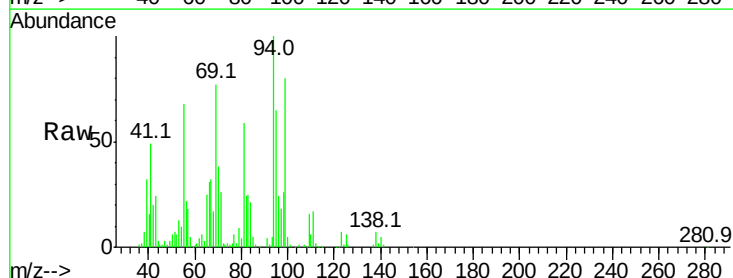
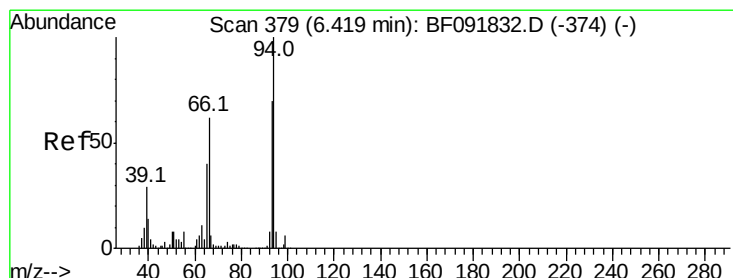
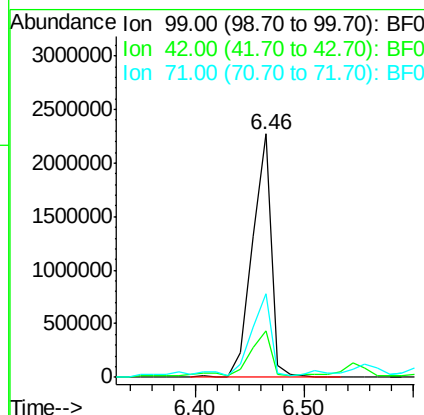
SB-51(6-8)-121916

Manual Integrations

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#10

Phenol

Concen: 5.94 ng m

RT: 6.48 min Scan# 384

Delta R.T. 0.06 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

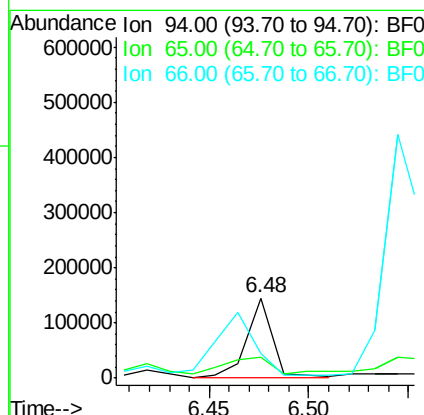
Tgt Ion: 94 Resp: 135354

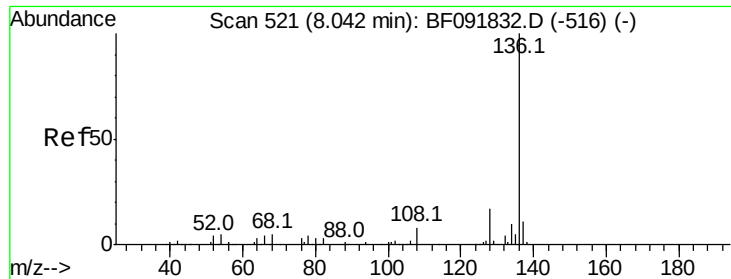
Ion Ratio Lower Upper

94 100

65 25.3 21.4 61.4

66 30.6 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

Tot Ion:136 Resp: 673917
Ion Ratio Lower Upper

136 100

137 27.3 8.4 12.6#

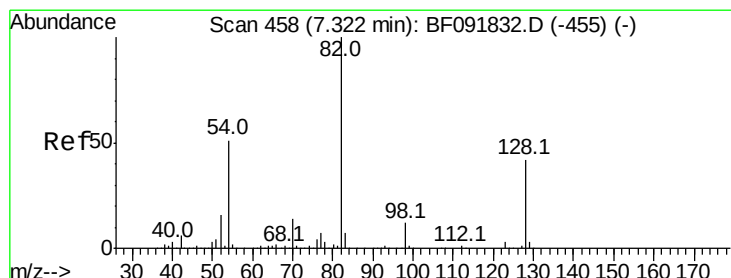
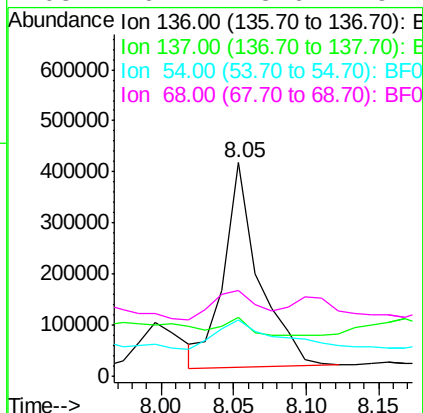
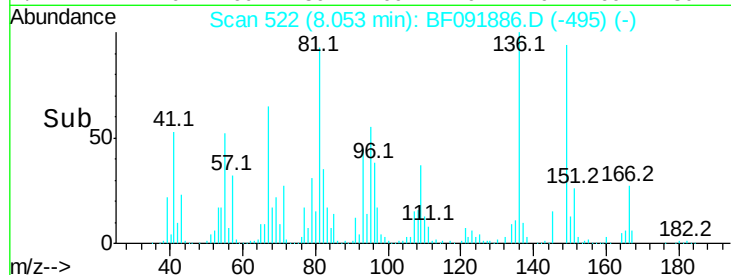
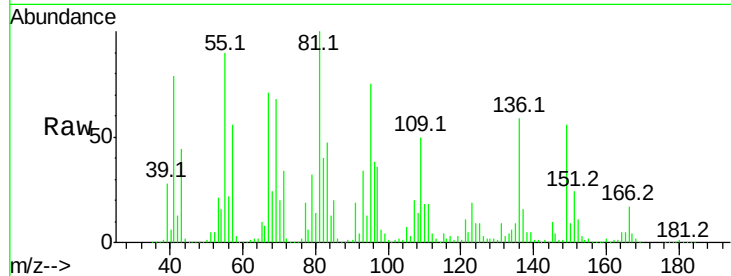
54 26.6 4.5 6.7#

68 40.1 3.6 5.4#

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#23

Nitrobenzene-d5

Concen: 124.23 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF091886.D

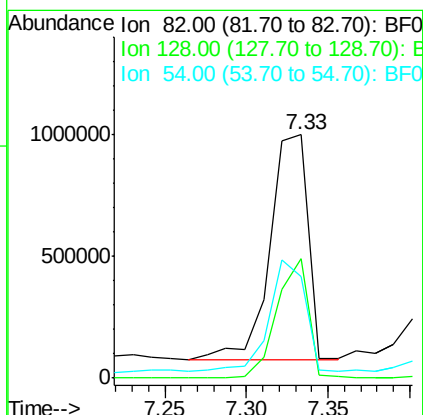
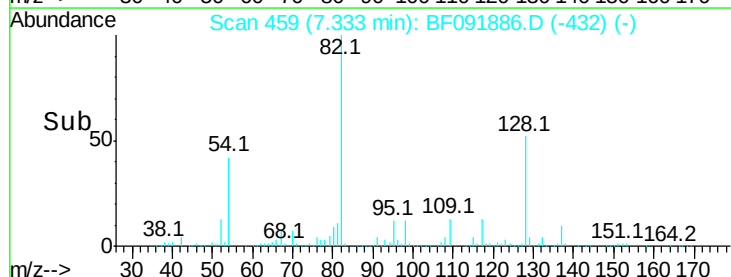
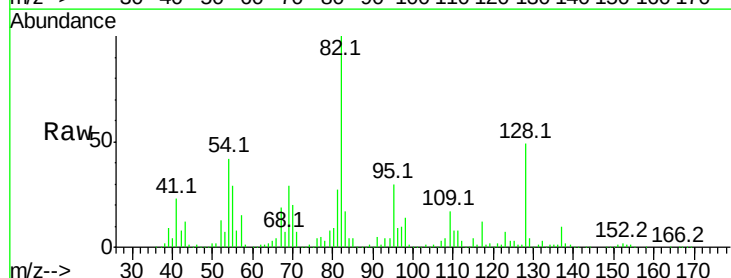
Acq: 22 Dec 2016 15:21

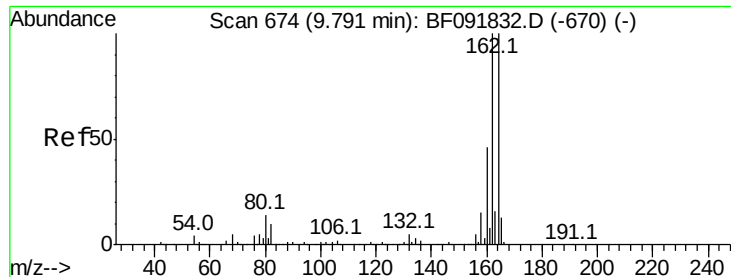
Tgt Ion: 82 Resp: 1505572
Ion Ratio Lower Upper

82 100

128 49.1 34.6 52.0

54 41.8 39.5 59.3





#38

Acenaphthene-d10

Concen: 20.00 ng/mL

RT: 9.86 min Scan# 680

Delta R.T. 0.07 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

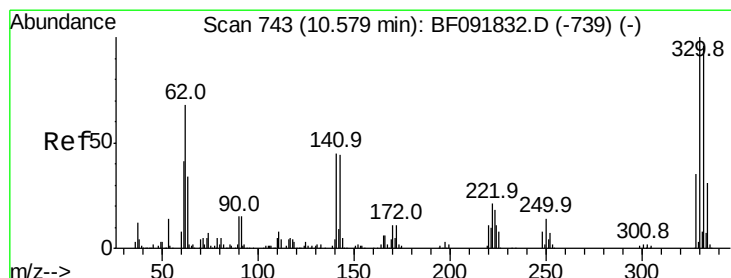
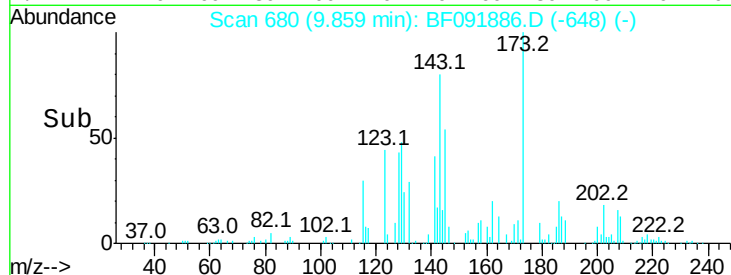
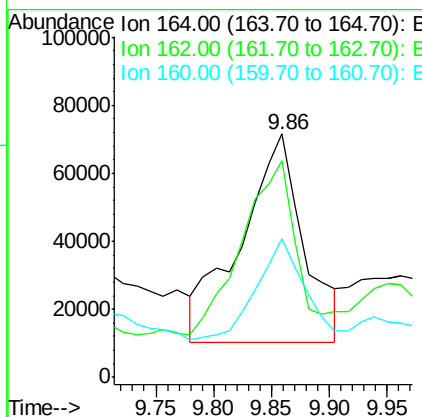
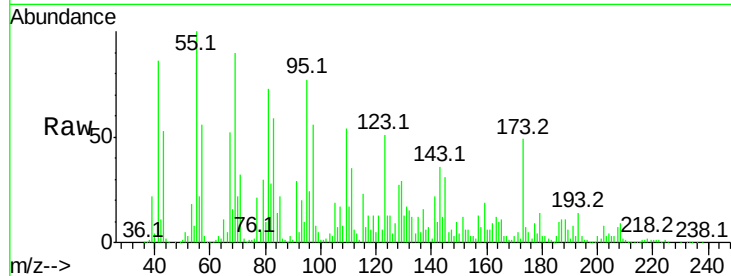
ClientSampleId :

SB-51(6-8)-121916

Tot Ion:	164	Resp:	231900
Ion Ratio	Lower	Upper	
164	100		
162	88.9	80.2	120.2
160	57.1	36.9	55.3#

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 96.64 ng/mL

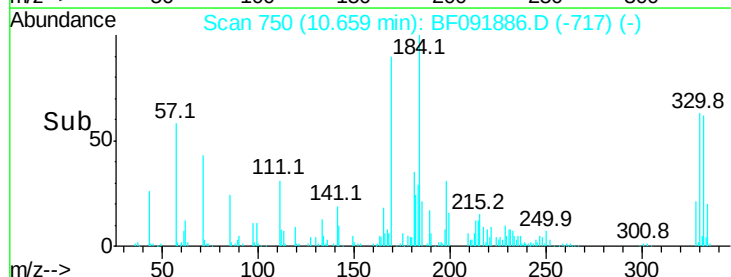
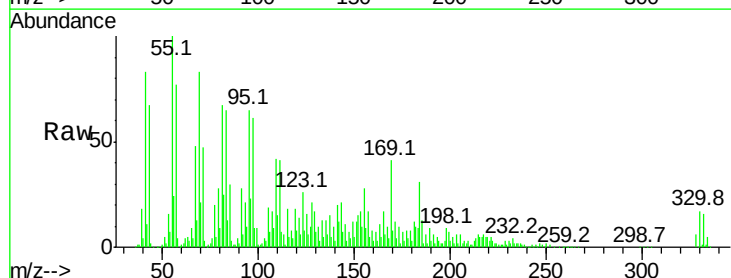
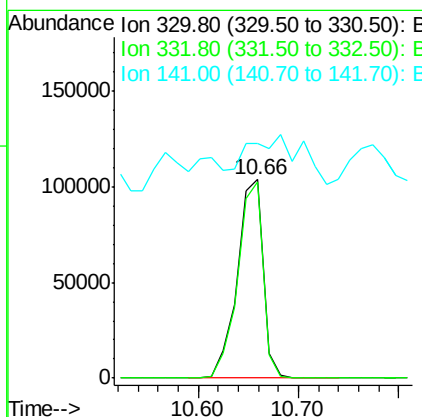
RT: 10.66 min Scan# 750

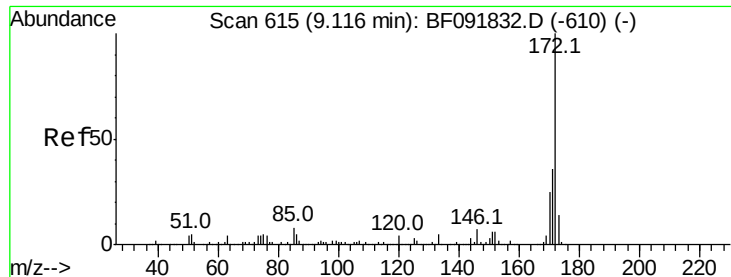
Delta R.T. 0.08 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Tgt Ion:	330	Resp:	185465
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.4	116.2
141	14.6	34.1	51.1#





#44

2-Fluorobiphenyl

Concen: 98.12 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.05 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916

Tot Ion:172 Resp: 1087964

Ion Ratio Lower Upper

172 100

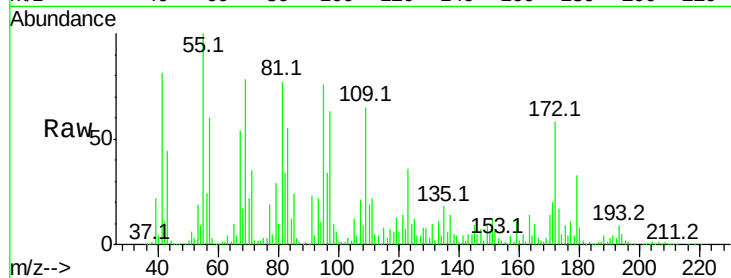
171 35.1 29.4 44.0

170 23.3 20.2 30.4

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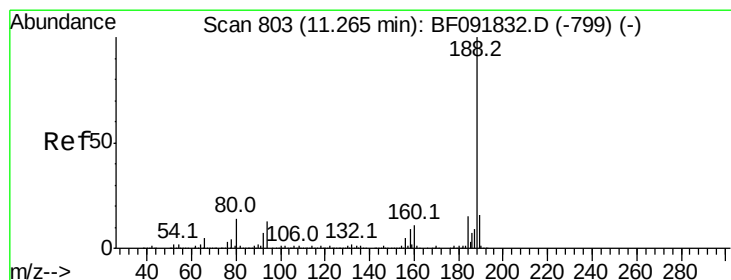
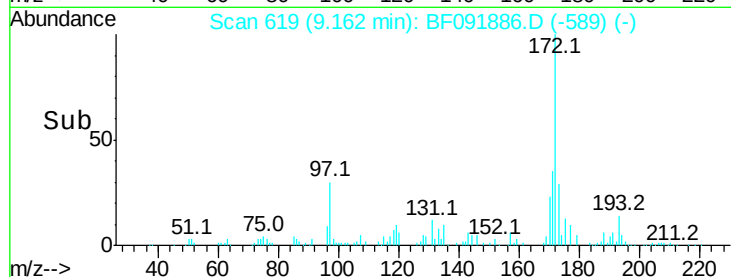
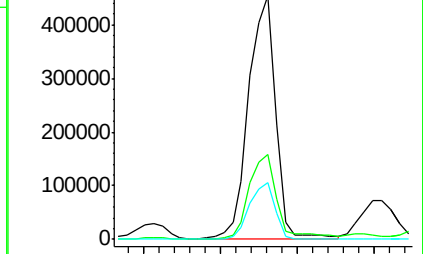
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng m

RT: 11.33 min Scan# 809

Delta R.T. 0.07 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

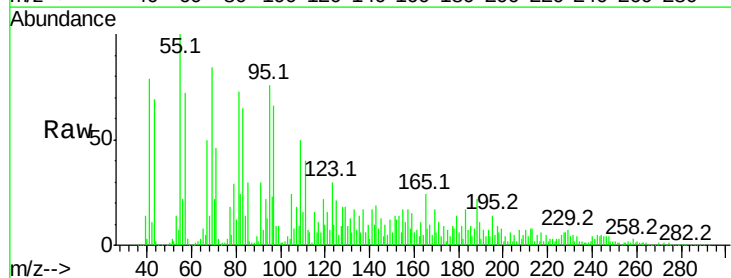
Tgt Ion:188 Resp: 187833

Ion Ratio Lower Upper

188 100

94 59.2 10.0 15.0#

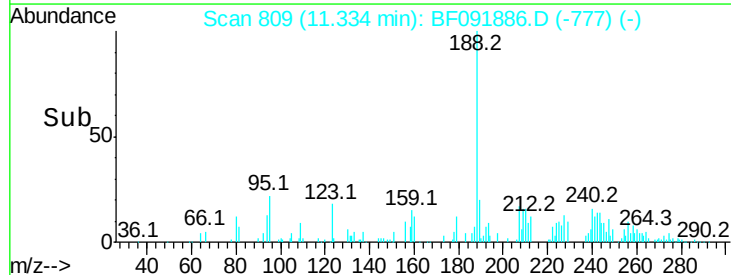
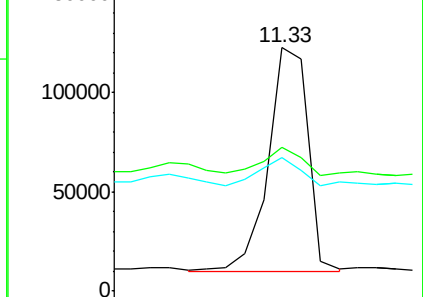
80 55.0 11.2 16.8#

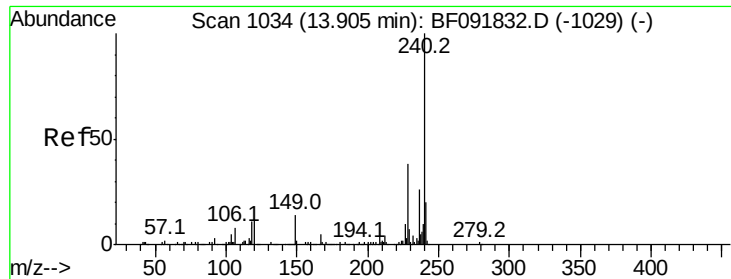


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng/mL

RT: 13.93 min Scan# 1036

Delta R.T. 0.02 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

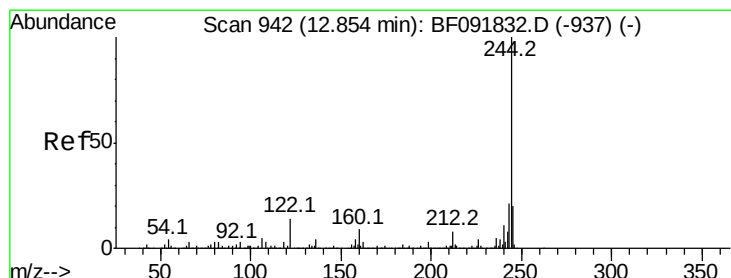
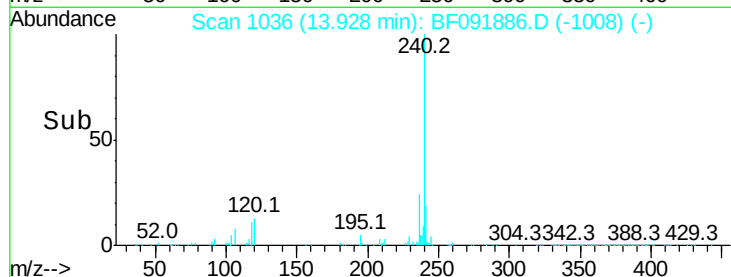
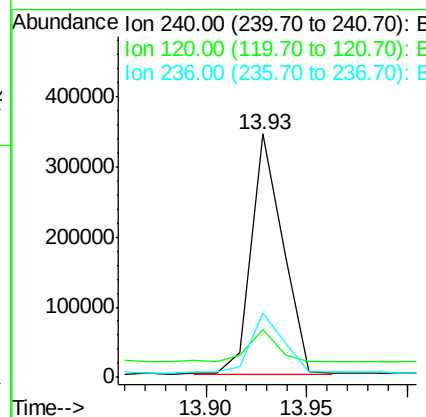
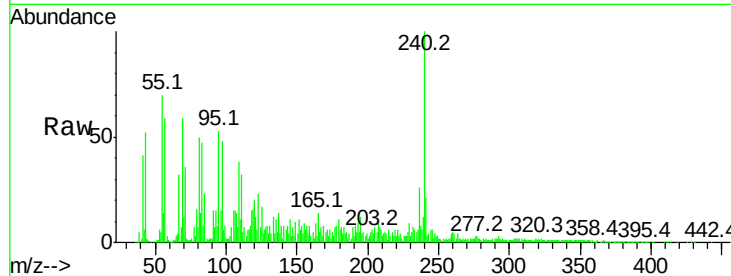
ClientSampleId :

SB-51(6-8)-121916

Tot Ion	Ratio	Lower	Upper
240	100		
120	19.9	12.9	19.3#
236	26.4	20.9	31.3

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#78

Terphenyl-d14

Concen: 66.31 ng/mL

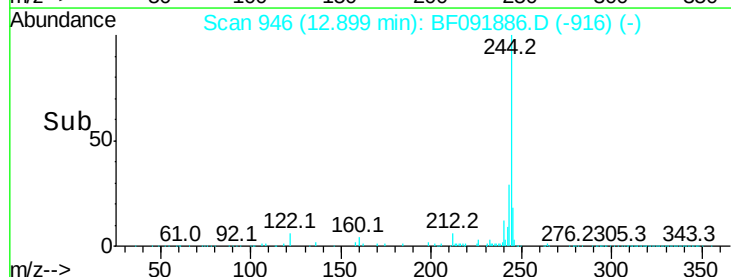
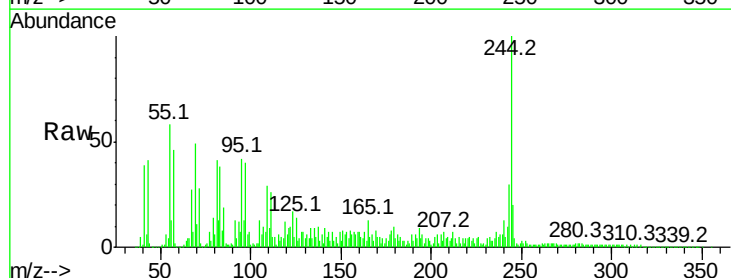
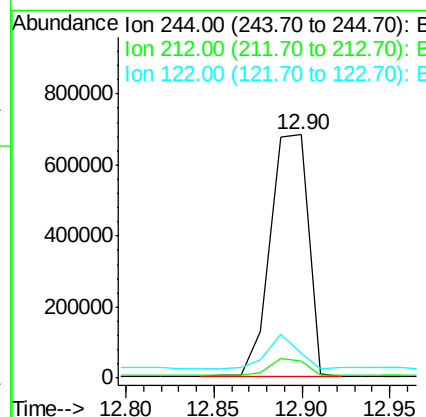
RT: 12.90 min Scan# 946

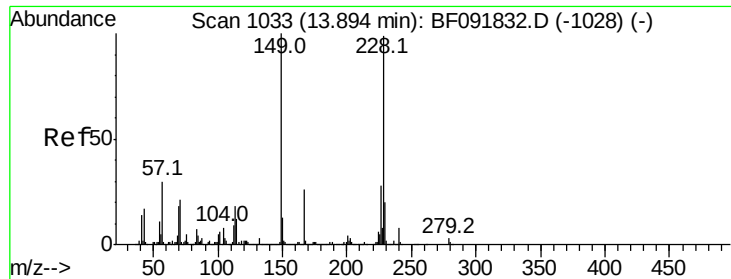
Delta R.T. 0.05 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	10.2	11.4	17.2#





#83

Bis(2-ethylhexyl)phthalate

Concen: 17.11 ng m

RT: 13.91 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Instrument :

BNA_F

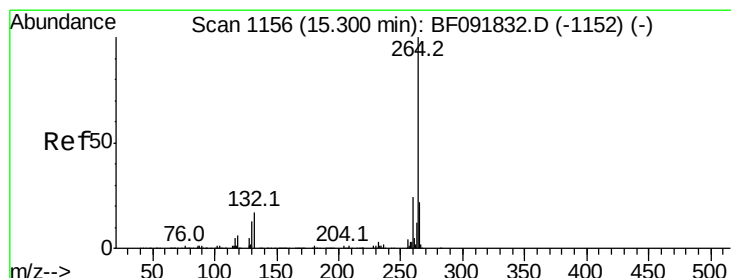
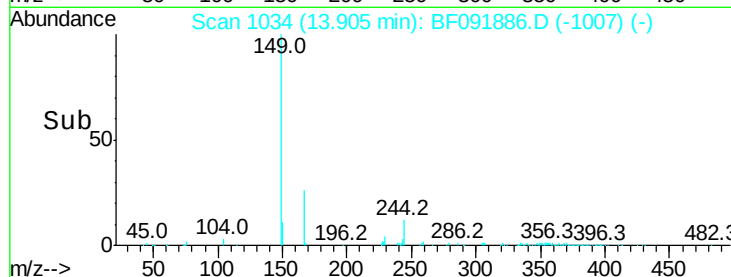
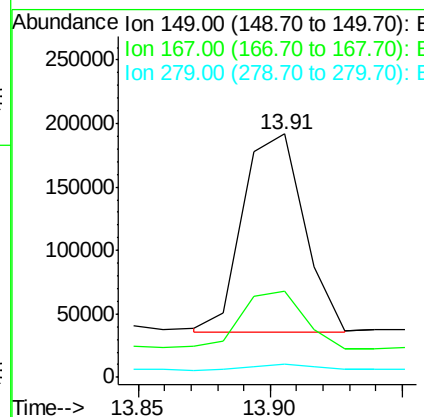
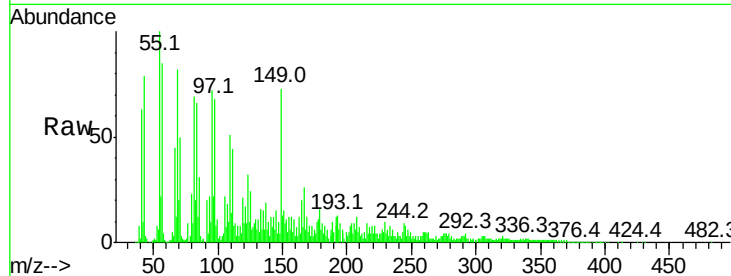
ClientSampleId :

SB-51(6-8)-121916

Tot Ion:	149	Resp:	252369
Ion Ratio	Lower	Upper	
149	100		
167	35.4	20.2	30.4#
279	5.2	1.8	2.8#

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng m

RT: 15.32 min Scan# 1158

Delta R.T. 0.02 min

Lab File: BF091886.D

Acq: 22 Dec 2016 15:21

Tgt Ion:	264	Resp:	441271
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	23.3	17.4	26.0

