

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088594.D
 Acq On : 2 Jul 2016 1:07
 Operator : UM/SJ
 Sample : H3816-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

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Quant Time: Jul 02 03:51:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128193	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	480610	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	194844	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	308126	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	232187	20.00	ng	-0.01
86) Perylene-d12	15.35	264	200662	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	691894	80.89	ng	0.00
7) Phenol-d6	6.44	99	1069735	96.79	ng	0.00
23) Nitrobenzene-d5	7.37	82	609442	66.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	154981	85.66	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	993990	80.58	ng	0.00
78) Terphenyl-d14	12.90	244	599671	57.53	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	177813	12.81	ng	98
70) Phenanthrene	11.34	178	39922	2.37	ng	99
74) Fluoranthene	12.53	202	69233	4.05	ng	97
77) Pyrene	12.75	202	58141	2.95	ng	98
80) Benzo(a)anthracene	13.93	228	32279	2.16	ng	95
83) Bis(2-ethylhexyl)phthalate	13.94	149	70698	7.05	ng	99
87) Benzo(b)fluoranthene	14.95	252	29603m	2.35	ng	

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

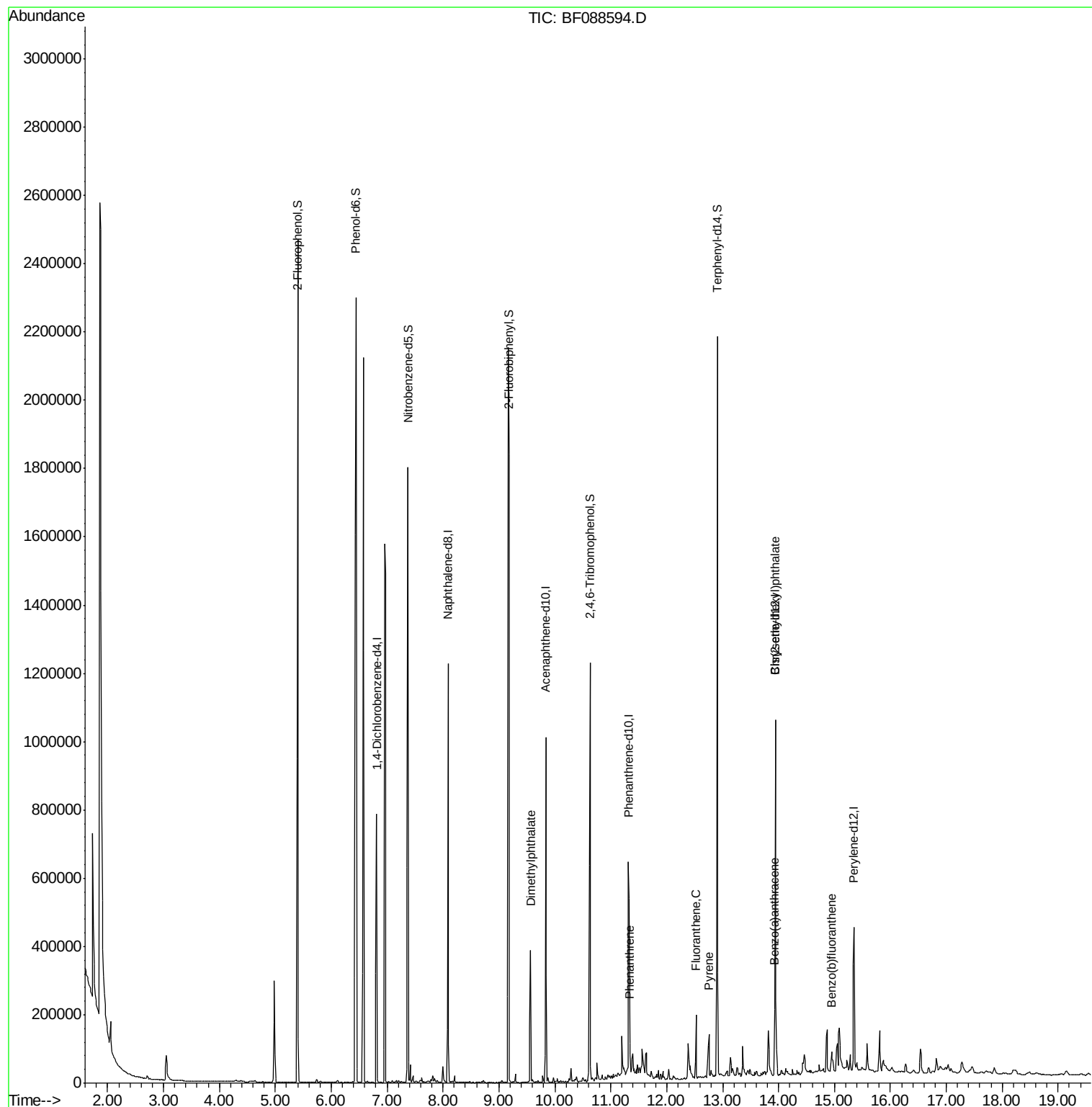
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088594.D
Acq On : 2 Jul 2016 1:07
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Sample : H3816-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

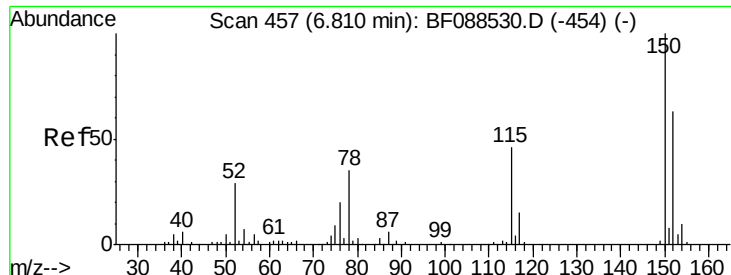
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

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Quant Time: Jul 02 03:51:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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Response via : Initial Calibration





#1

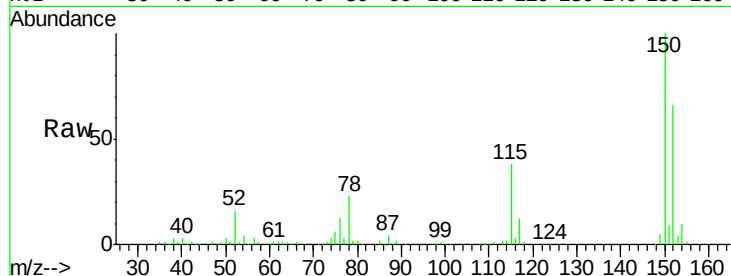
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088594.D
Acq: 2 Jul 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

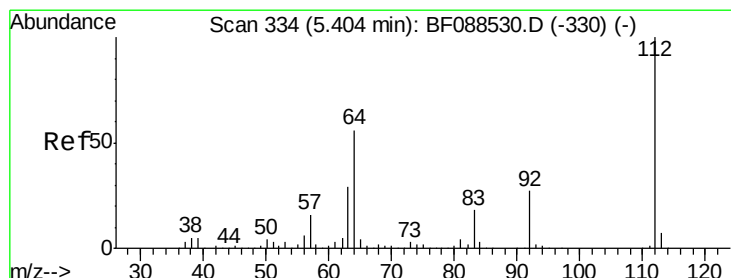
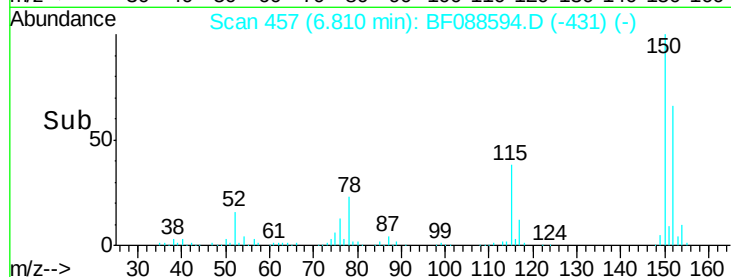
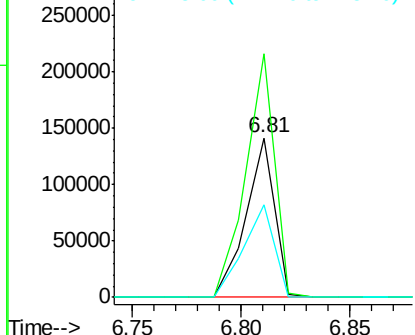
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	128193		
150	152.4	123.8	185.6	
115	58.2	39.6	59.4	

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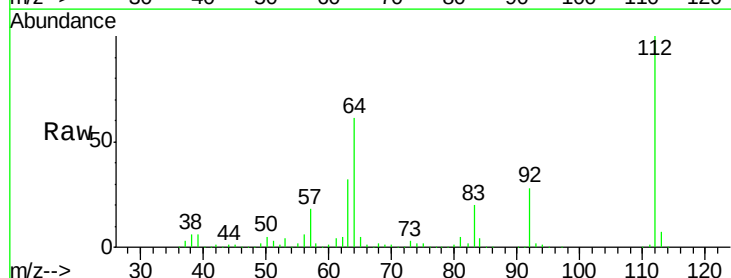
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



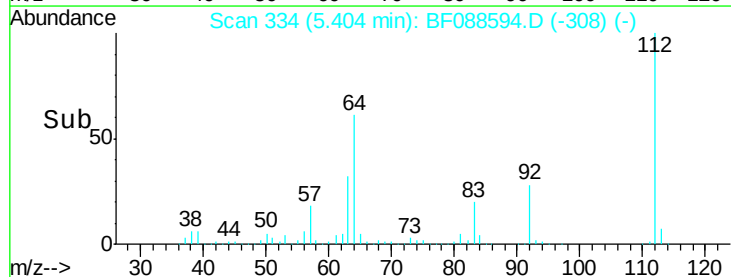
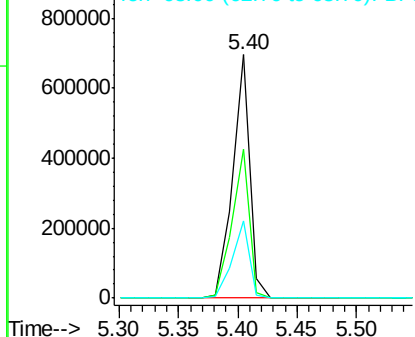
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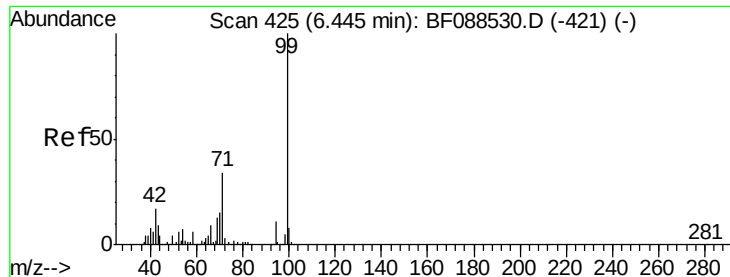
2-Fluorophenol
Concen: 80.89 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF088594.D
Acq: 2 Jul 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	691894		
64	61.1	42.2	63.2	
63	31.5	21.8	32.8	



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.79 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088594.D

Acq: 2 Jul 2016 1:07

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1069735

Ion Ratio Lower Upper

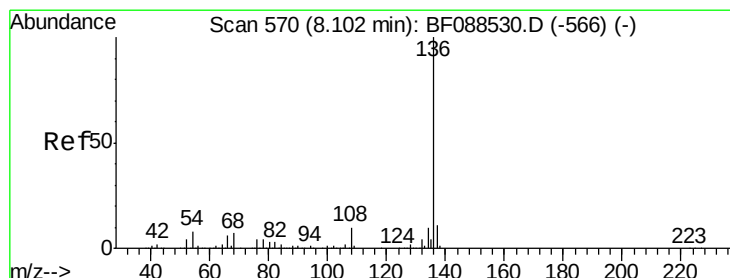
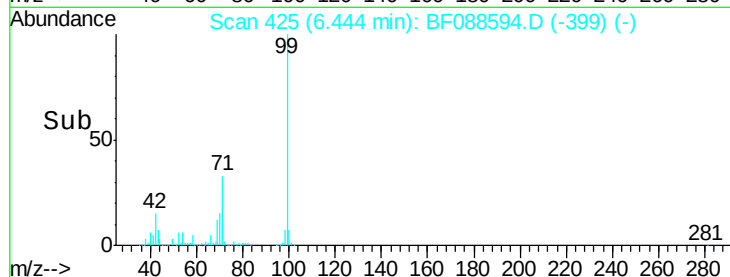
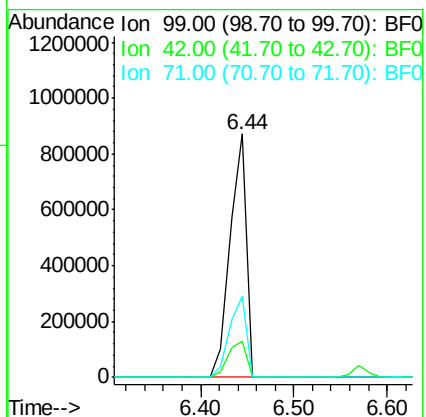
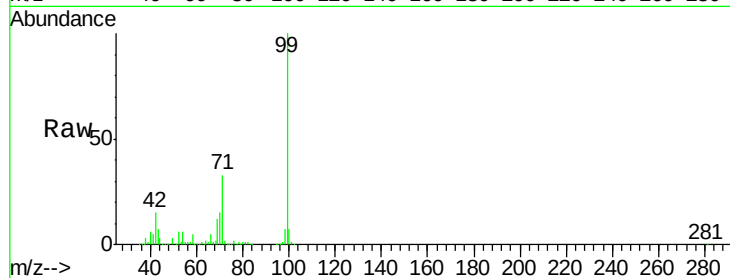
99 100

42 14.7 12.2 18.2

71 33.3 23.4 35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088594.D

Acq: 2 Jul 2016 1:07

Tgt Ion: 136 Resp: 480610

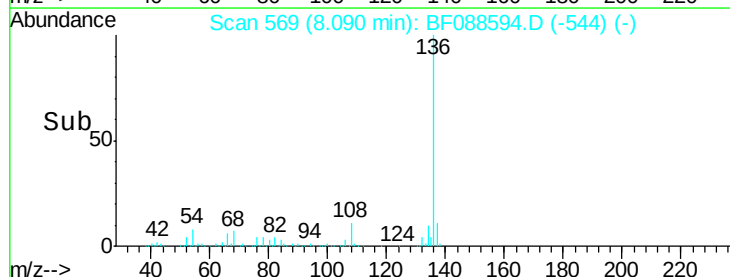
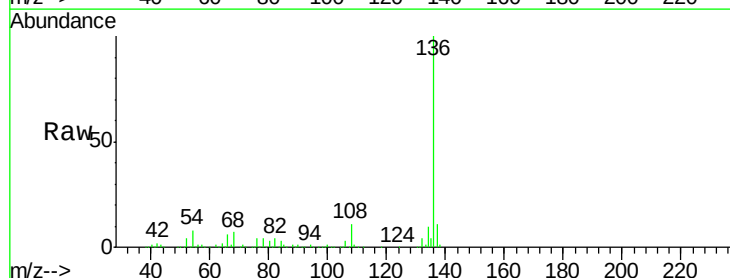
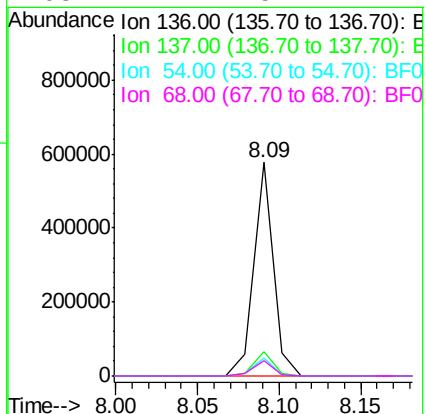
Ion Ratio Lower Upper

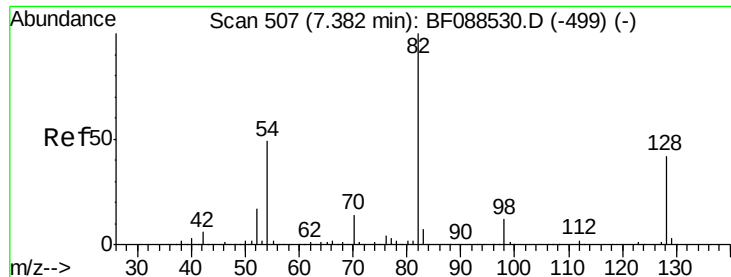
136 100

137 11.4 9.1 13.7

54 8.5 6.6 10.0

68 7.2 5.1 7.7





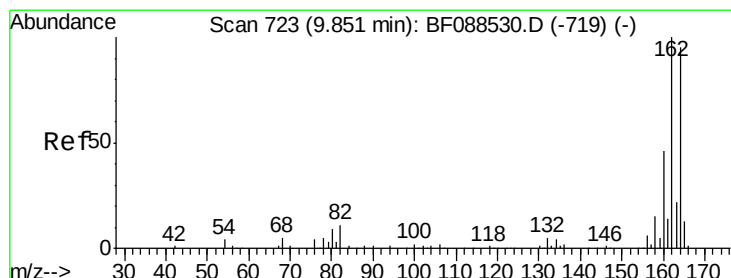
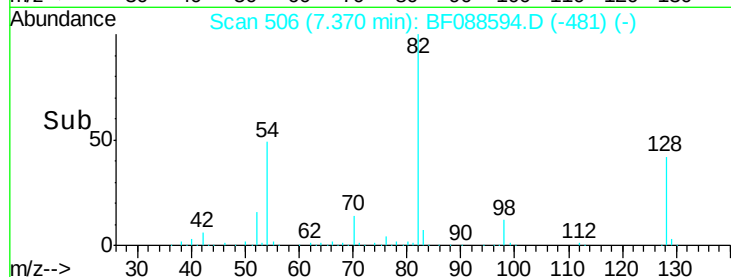
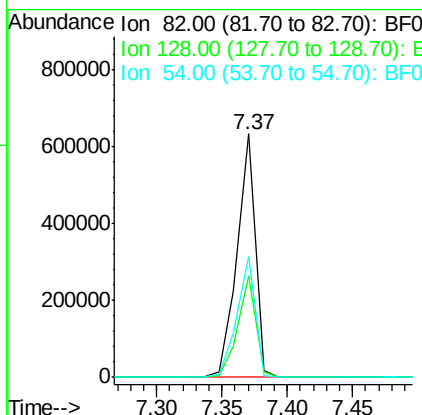
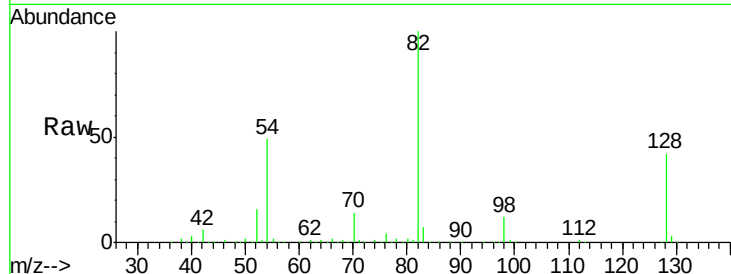
#23
 Nitrobenzene-d5
 Concen: 66.45 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088594.D
 Acq: 2 Jul 2016 1:07

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	609442		
128	41.6	35.9	53.9	
54	49.4	40.9	61.3	

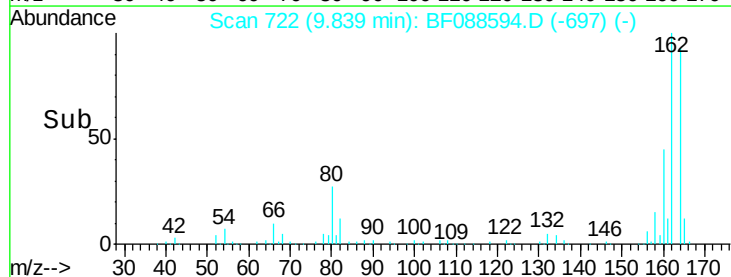
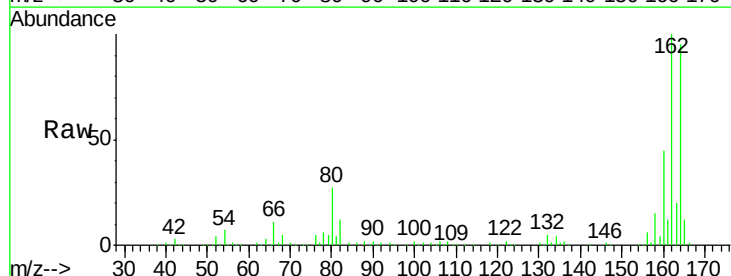
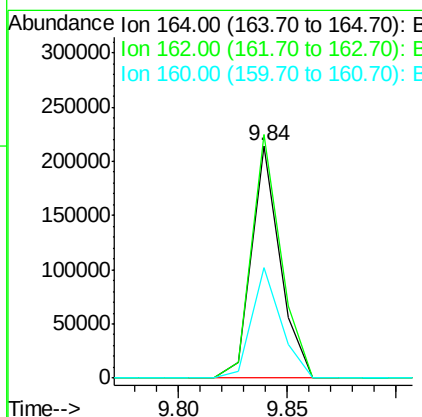
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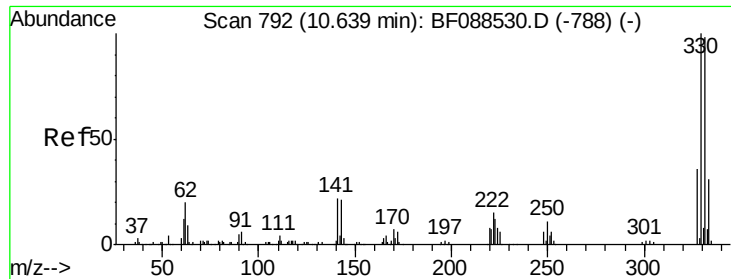
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088594.D
 Acq: 2 Jul 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	194844		
162	104.9	85.4	128.2	
160	47.4	39.5	59.3	





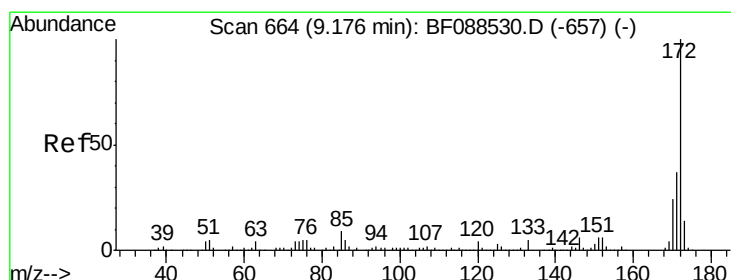
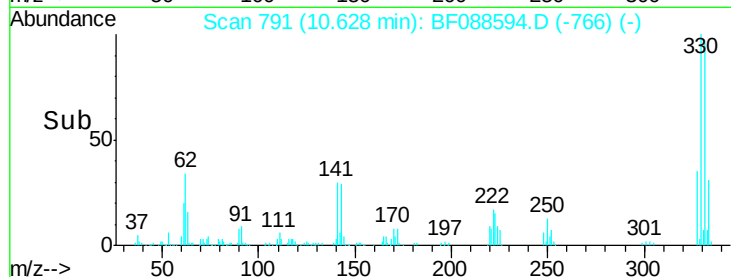
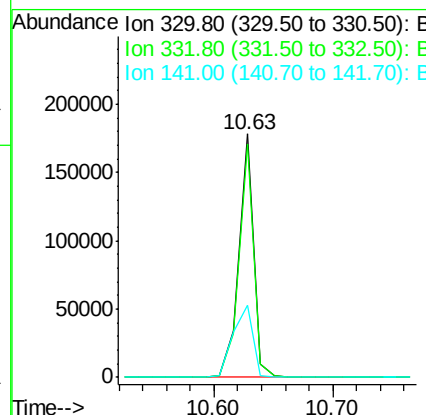
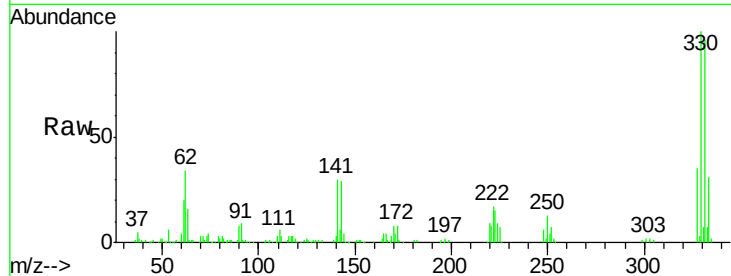
#41
 2,4,6-Tribromophenol
 Concen: 85.66 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088594.D
 Acq: 2 Jul 2016 1:07

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.7	0.0	0.0#
141	39.4	0.0	0.0#

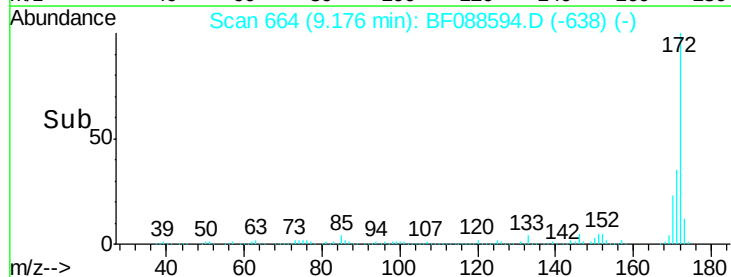
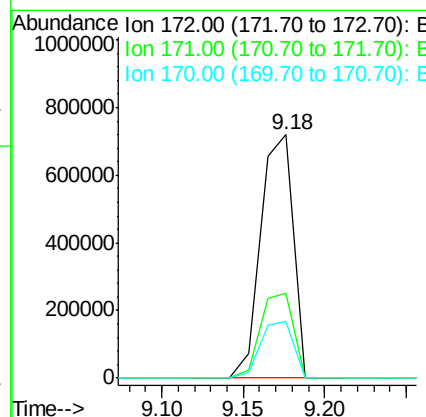
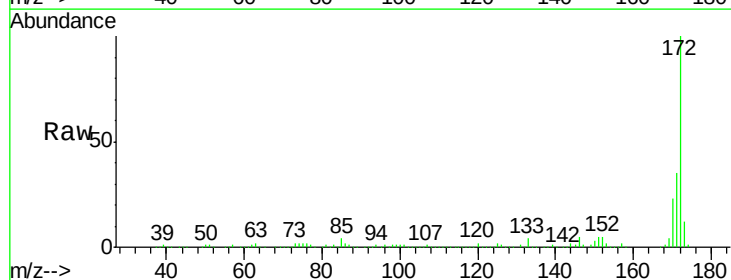
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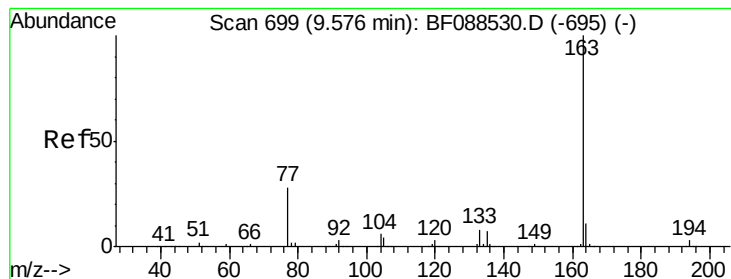
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#44
 2-Fluorobiphenyl
 Concen: 80.58 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088594.D
 Acq: 2 Jul 2016 1:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.1	28.6	43.0
170	23.4	19.2	28.8





#49

Dimethylphthalate

Concen: 12.81 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF088594.D

Acq: 2 Jul 2016 1:07

Instrument :

BNA_F

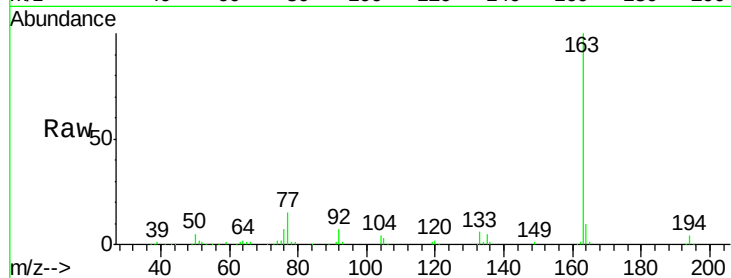
ClientSampleId :

SB-08-COMP

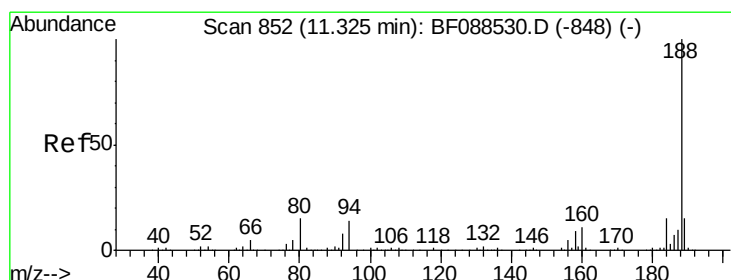
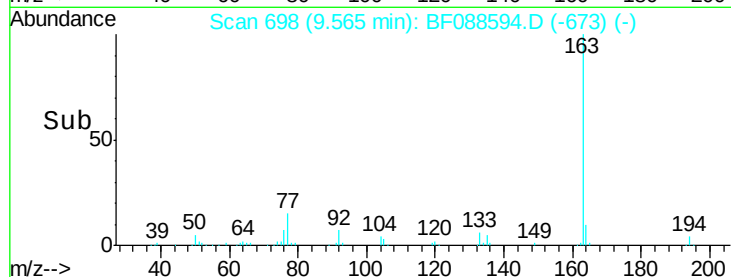
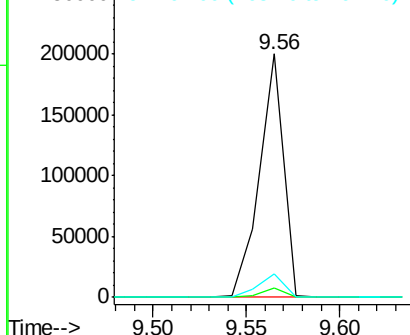
Tgt Ion:	163	Resp:	177813
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.8	4.2
164	9.6	8.3	12.5

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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: 20.00 ng

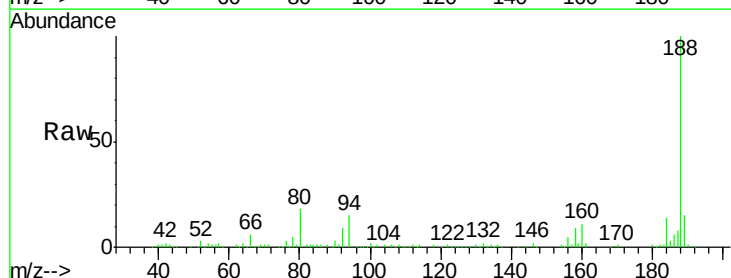
RT: 11.31 min Scan# 851

Delta R.T. -0.01 min

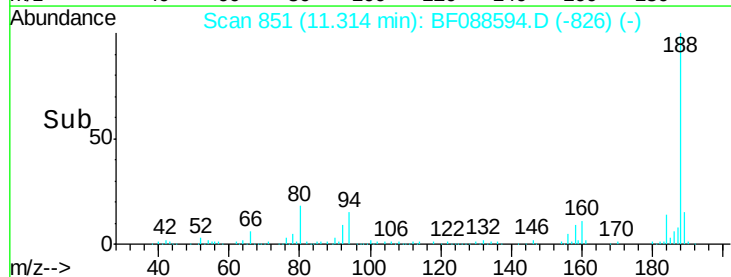
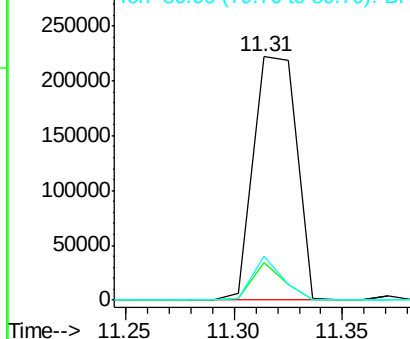
Lab File: BF088594.D

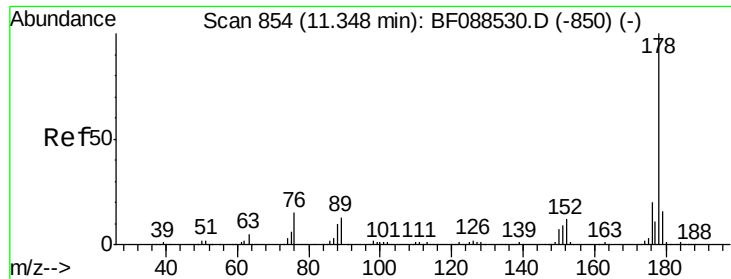
Acq: 2 Jul 2016 1:07

Tgt Ion:	188	Resp:	308126
Ion Ratio	Lower	Upper	
188	100		
94	15.3	9.0	13.6#
80	18.2	10.0	15.0#



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





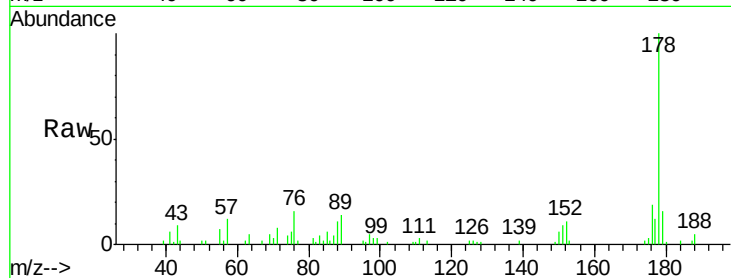
#70
Phenanthrene
Concen: 2.37 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF088594.D
Acq: 2 Jul 2016 1:07

Instrument :
BNA_F
ClientSampleId :
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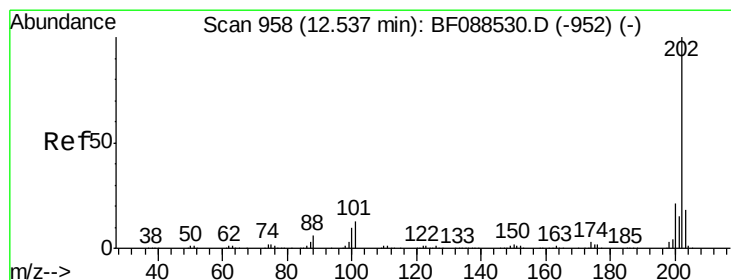
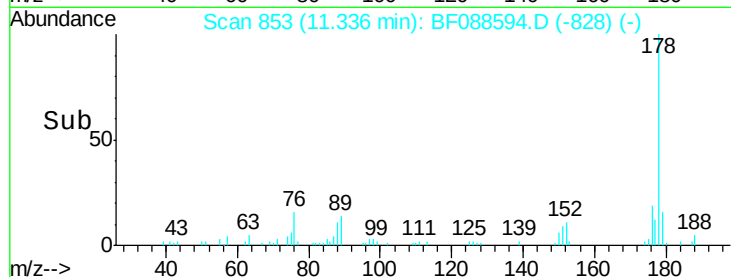
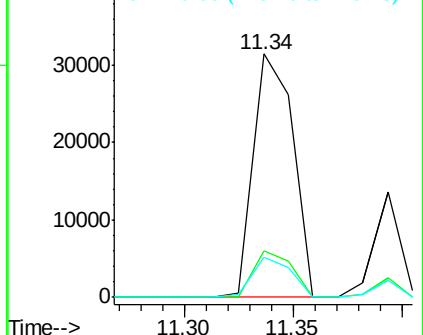
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	16.2	13.0	19.4

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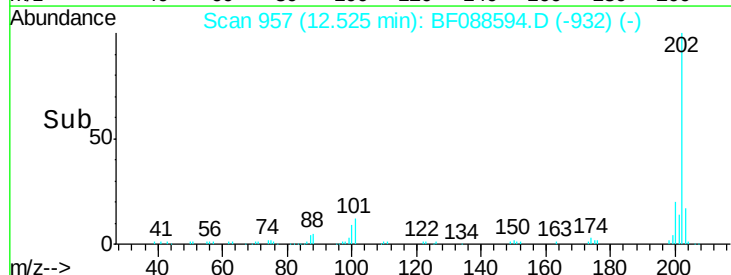
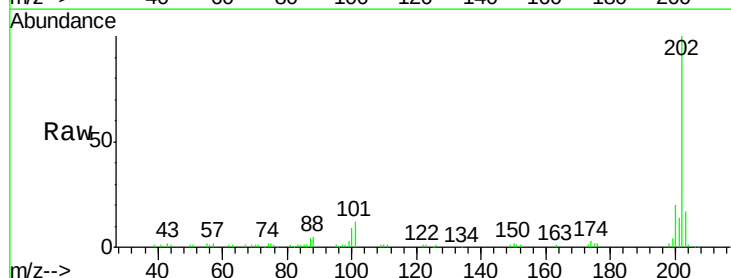
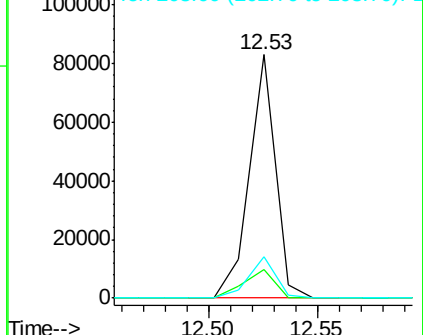
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

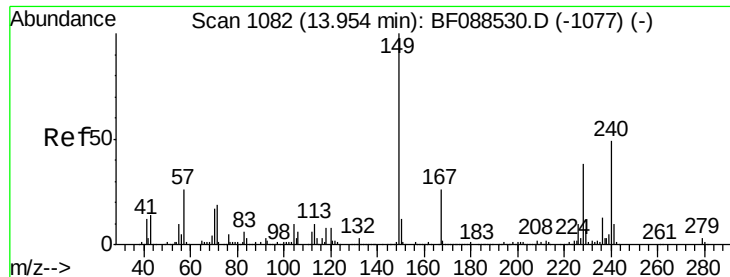


#74
Fluoranthene
Concen: 4.05 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF088594.D
Acq: 2 Jul 2016 1:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.1
203	17.0	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088594.D

Acq: 2 Jul 2016 1:07

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 240 Resp: 232187
Ion Ratio Lower Upper

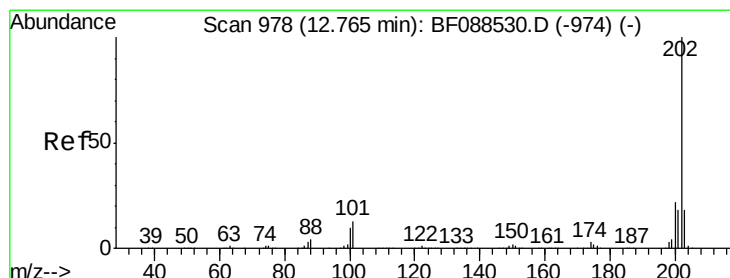
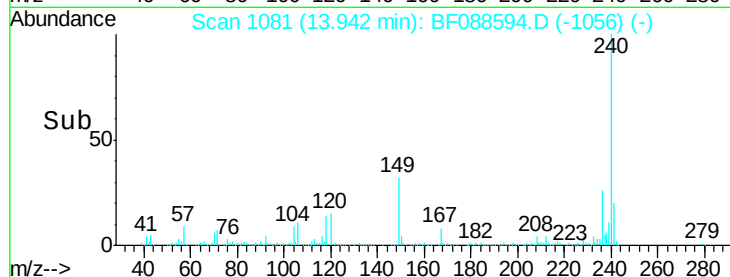
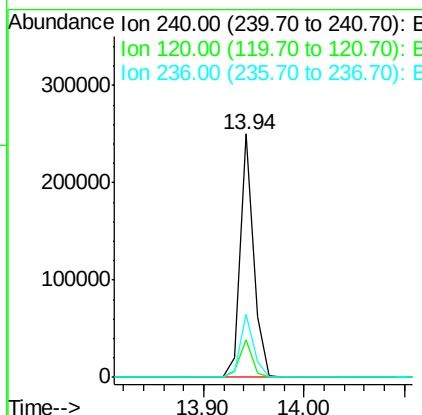
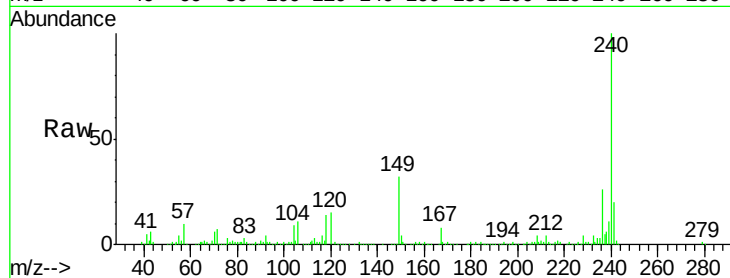
240 100

120 15.2 6.8 10.2#

236 26.0 20.2 30.2

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#77

Pyrene

Concen: 2.95 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088594.D

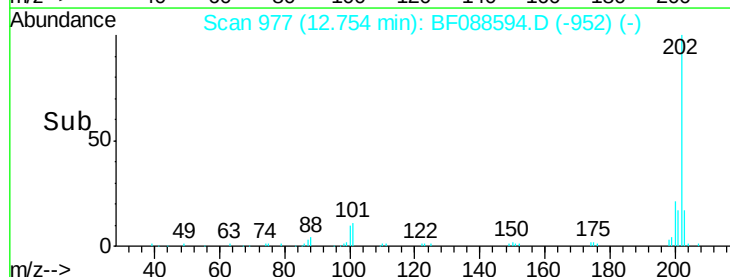
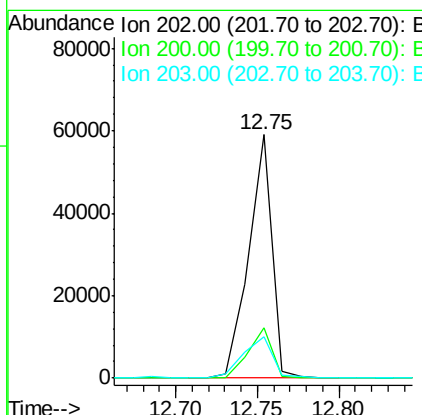
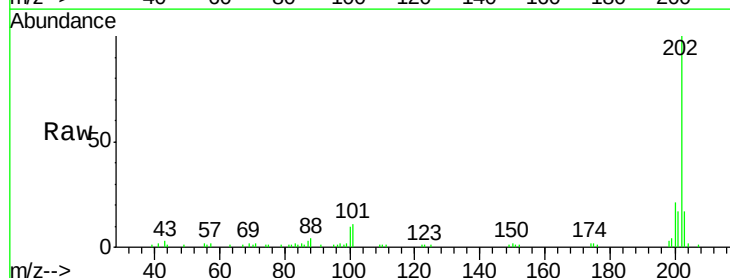
Acq: 2 Jul 2016 1:07

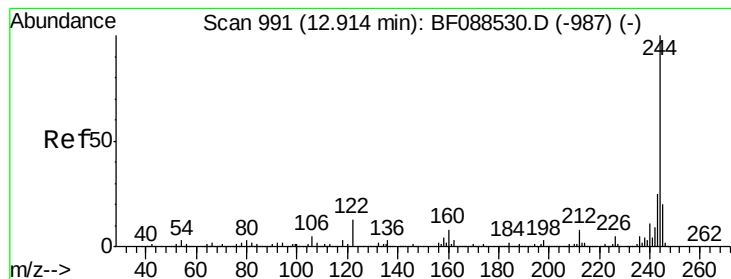
Tgt Ion: 202 Resp: 58141
Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

203 17.1 14.5 21.7





#78

Terphenyl-d14

Concen: 57.53 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088594.D

Acq: 2 Jul 2016 1:07

Instrument :

BNA_F

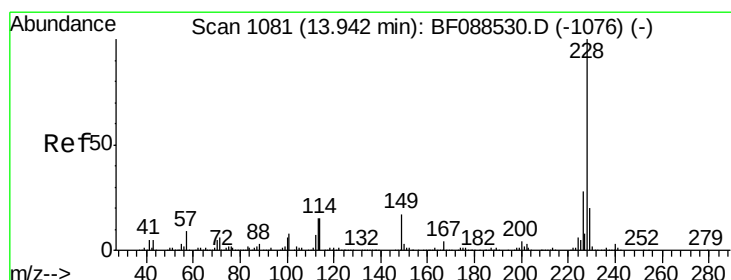
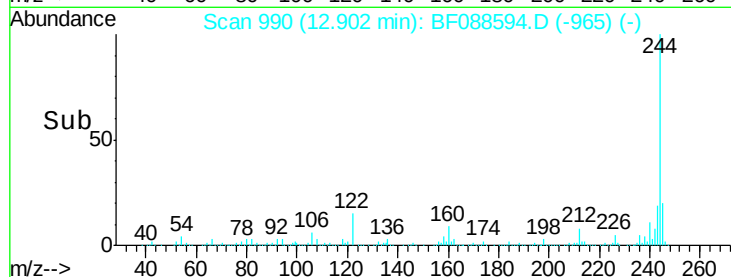
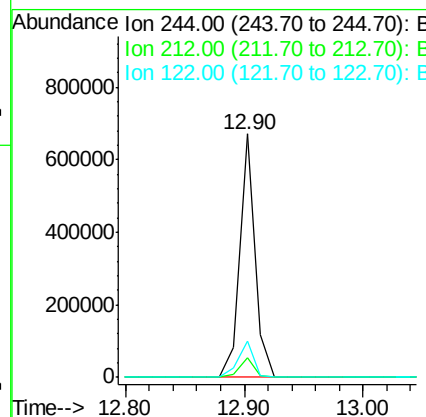
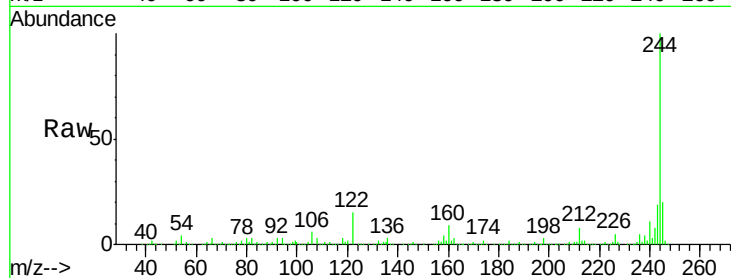
ClientSampleId :

SB-08-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	599671		
212	7.8	6.0	9.0	
122	15.1	11.2	16.8	

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#80

Benzo(a)anthracene

Concen: 2.16 ng

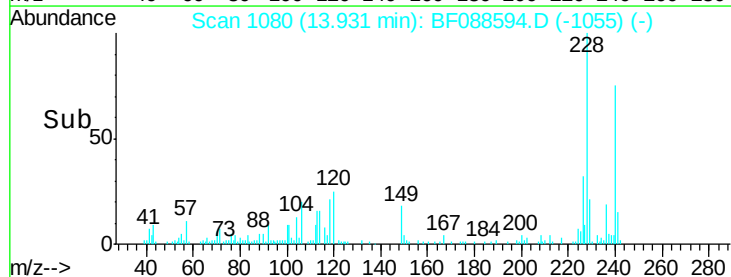
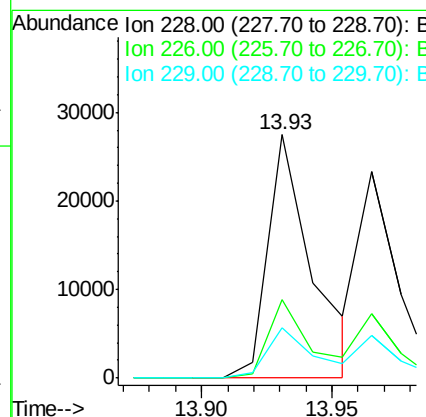
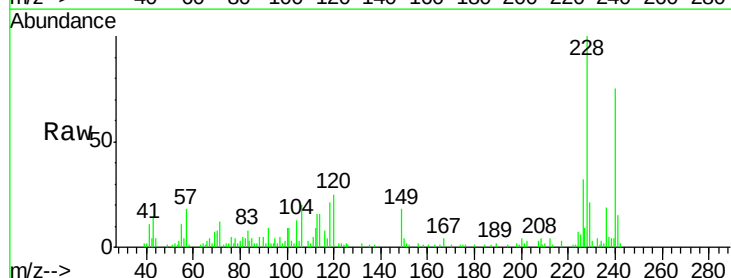
RT: 13.93 min Scan# 1080

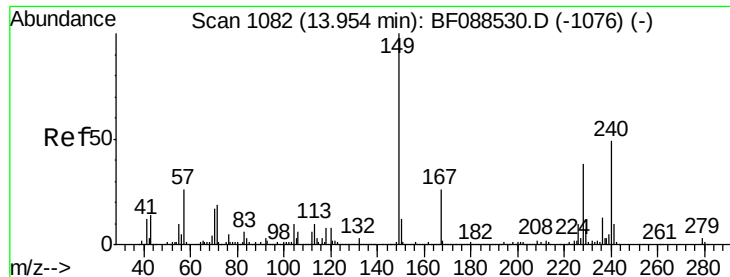
Delta R.T. -0.01 min

Lab File: BF088594.D

Acq: 2 Jul 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	32279		
226	32.2	22.3	33.5	
229	20.8	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.05 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088594.D

Acq: 2 Jul 2016 1:07

Instrument :

BNA_F

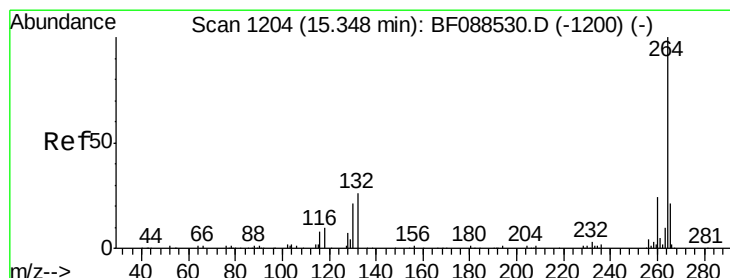
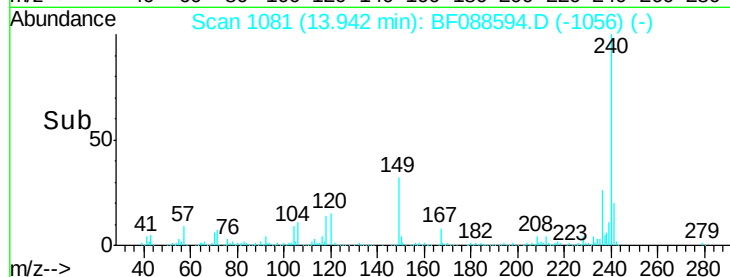
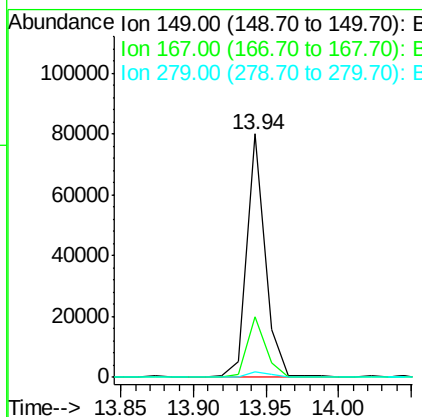
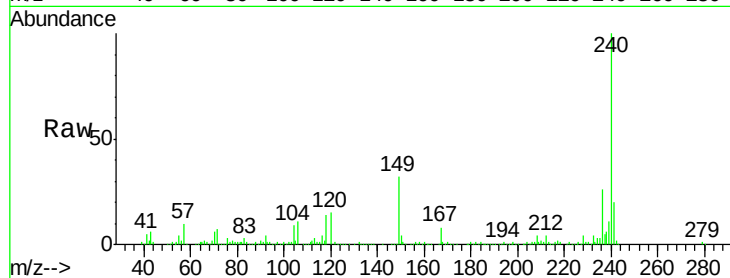
ClientSampleId :

SB-08-COMP

Tgt Ion:	149	Resp:	70698
Ion Ratio	Lower	Upper	
149	100		
167	25.1	20.5	30.7
279	2.3	2.0	3.0

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

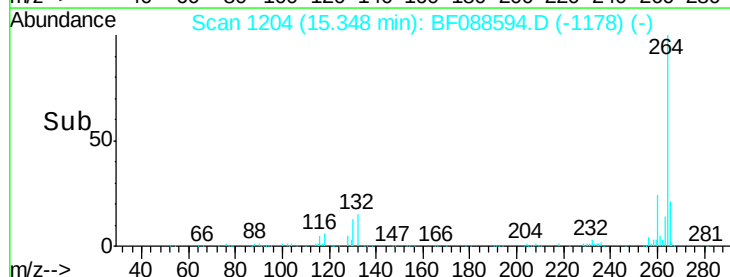
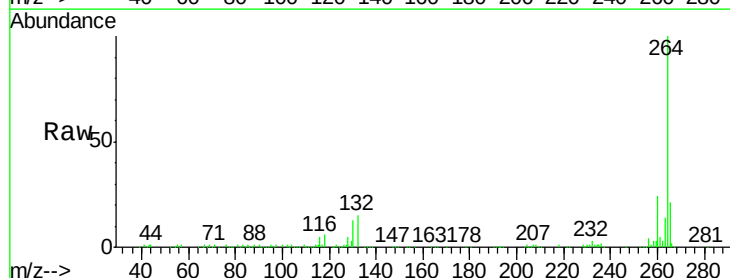
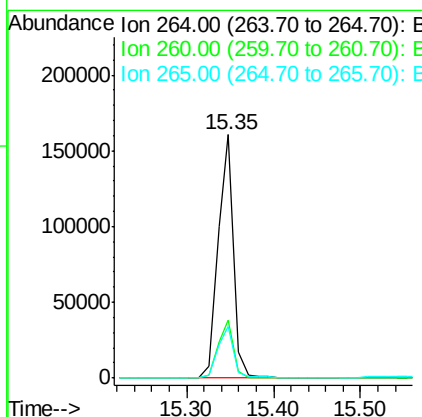
RT: 15.35 min Scan# 1204

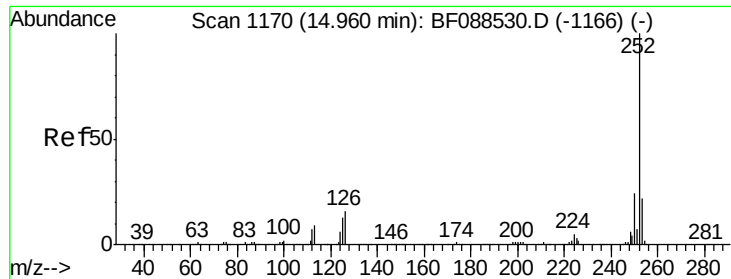
Delta R.T. -0.00 min

Lab File: BF088594.D

Acq: 2 Jul 2016 1:07

Tgt Ion:	264	Resp:	200662
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.2	16.9	25.3





#87
 Benzo(b)fluoranthene
 Concen: 2.35 ng m
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF088594.D
 Acq: 2 Jul 2016 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	15.1	7.1	10.7

Manual Integrations
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