

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088568.D
 Acq On : 1 Jul 2016 11:57
 Operator : UM/SJ
 Sample : H3808-23
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

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Quant Time: Jul 05 03:52:57 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	141166	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	575903	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	271108	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	543787	20.00	ng	0.00
75) Chrysene-d12	13.94	240	379780	20.00	ng	-0.01
86) Perylene-d12	15.35	264	311856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	748030	79.42	ng	0.00
7) Phenol-d6	6.43	99	955823	78.53	ng	-0.01
23) Nitrobenzene-d5	7.37	82	668211	60.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	203113	80.68	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1070277	62.36	ng	-0.01
78) Terphenyl-d14	12.90	244	951818	55.82	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	117262	6.07	ng	98
74) Fluoranthene	12.52	202	99086	3.29	ng	96
77) Pyrene	12.75	202	88764	2.76	ng	97
79) Butylbenzylphthalate	13.38	149	148816	10.36	ng	# 86
83) Bis(2-ethylhexyl)phthalate	13.94	149	224683	13.70	ng	# 98
84) Di-n-octyl phthalate	14.59	149	87961m	3.16	ng	
87) Benzo(b)fluoranthene	14.95	252	46850m	2.39	ng	

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

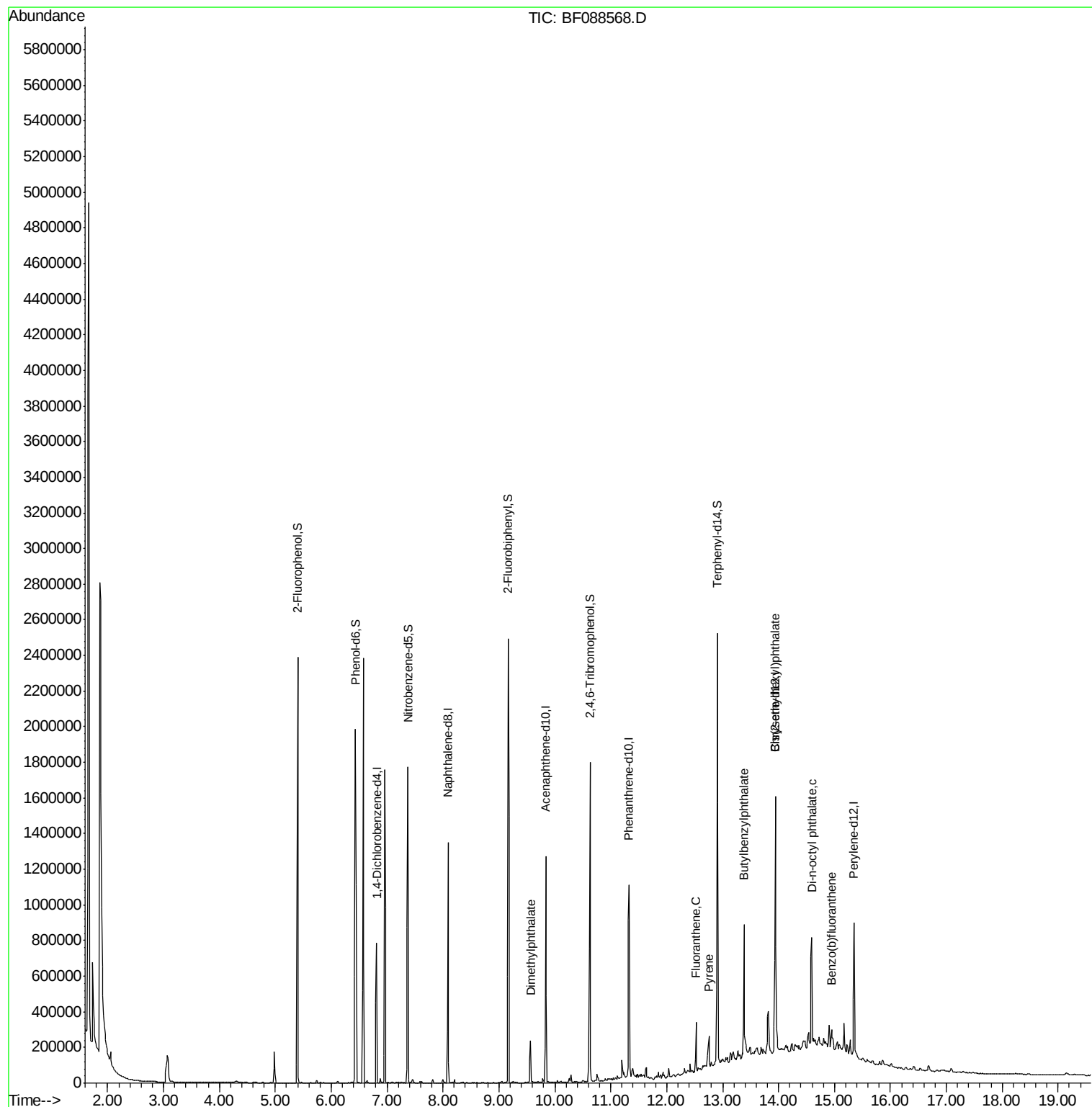
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088568.D
Acq On : 1 Jul 2016 11:57
Operator : UM/SJ
Sample : H3808-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

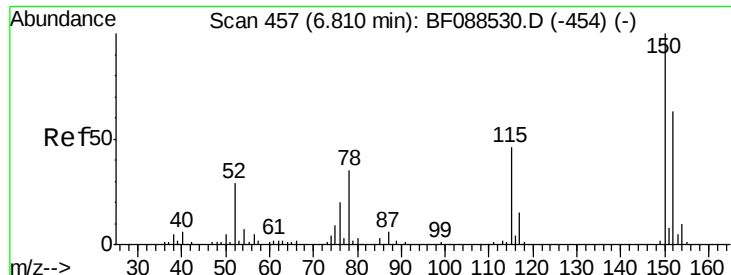
Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Quant Time: Jul 05 03:52:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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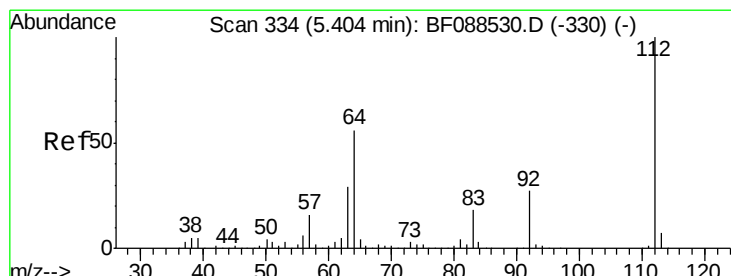
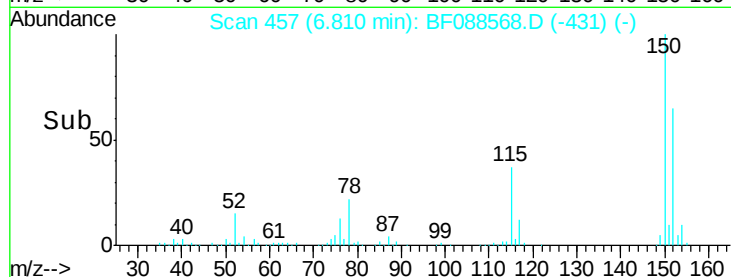
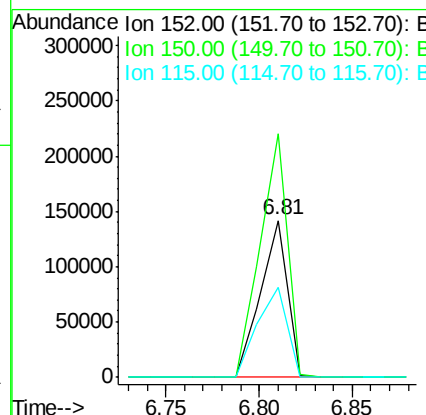
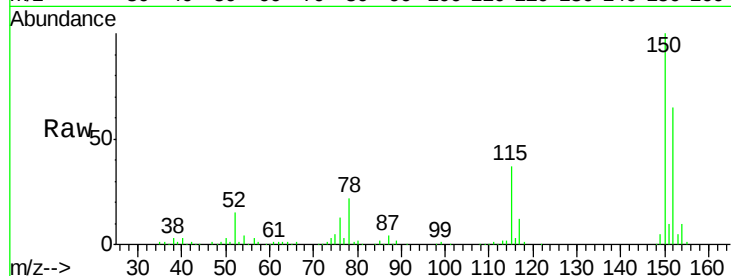
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF088568.D
 Acq: 1 Jul 2016 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	57.5	39.6	59.4

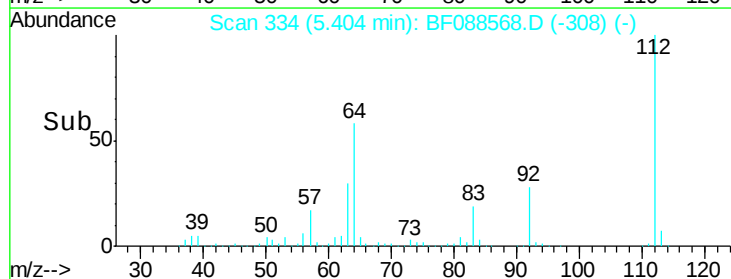
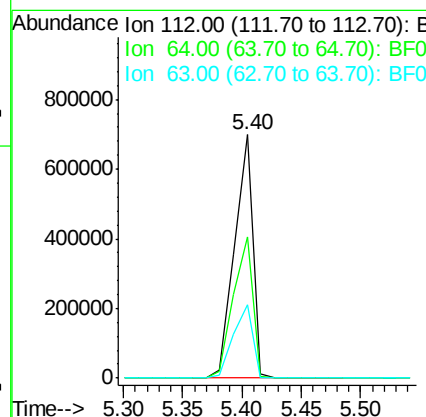
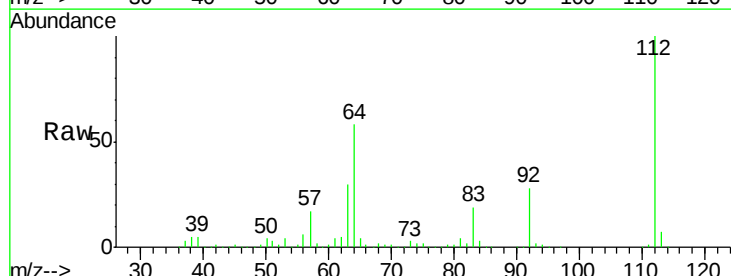
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#5
 2-Fluorophenol
 Concen: 79.42 ng
 RT: 5.40 min Scan# 334
 Delta R.T. 0.00 min
 Lab File: BF088568.D
 Acq: 1 Jul 2016 11:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.2	63.2
63	30.0	21.8	32.8





#7

Phenol-d6

Concen: 78.53 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088568.D

Acq: 1 Jul 2016 11:57

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

Tgt Ion: 99 Resp: 955823

Ion Ratio Lower Upper

99 100

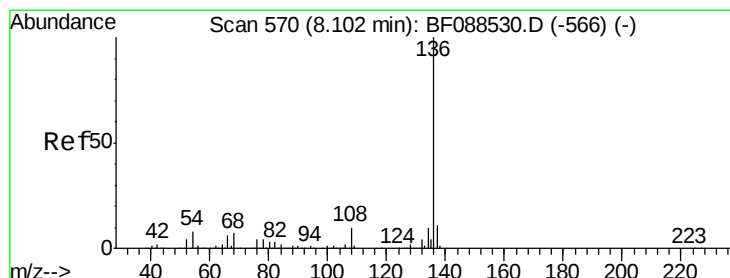
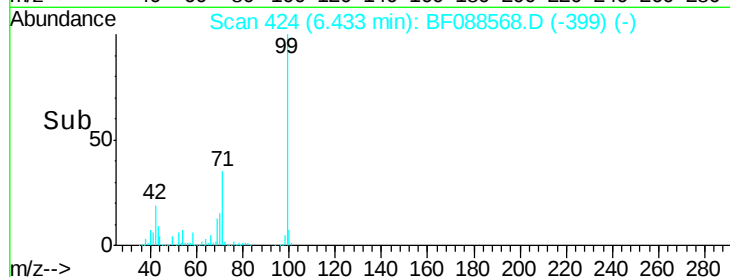
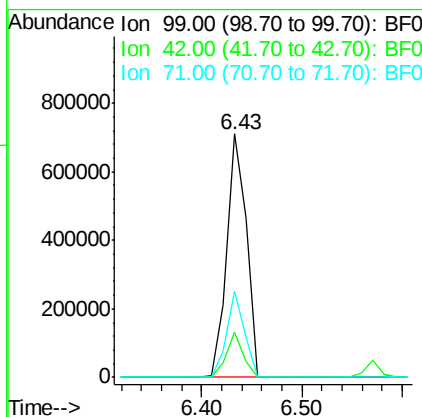
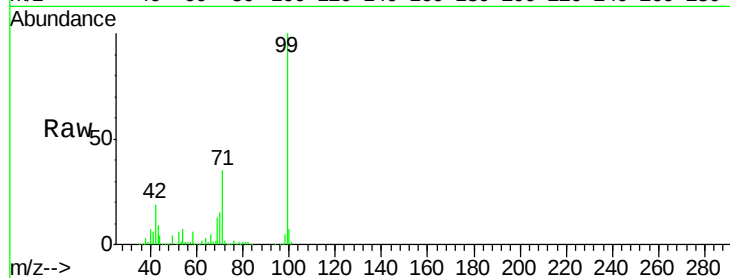
42 18.6 12.2 18.2#

71 35.5 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: BF088568.D

Acq: 1 Jul 2016 11:57

Tgt Ion: 136 Resp: 575903

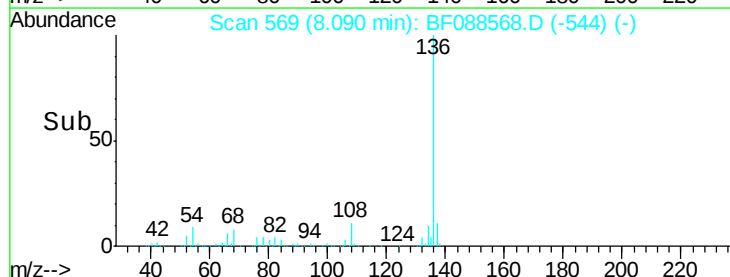
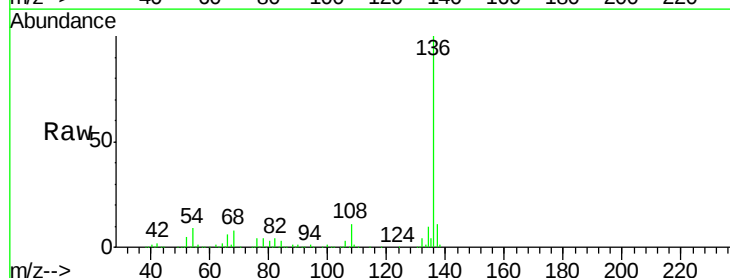
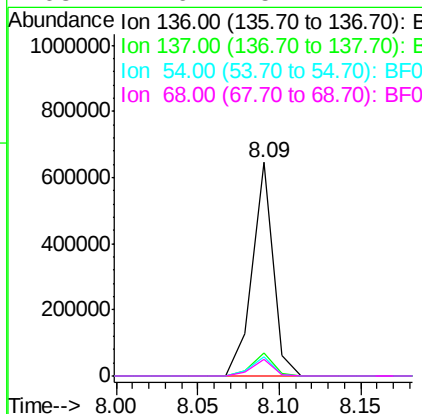
Ion Ratio Lower Upper

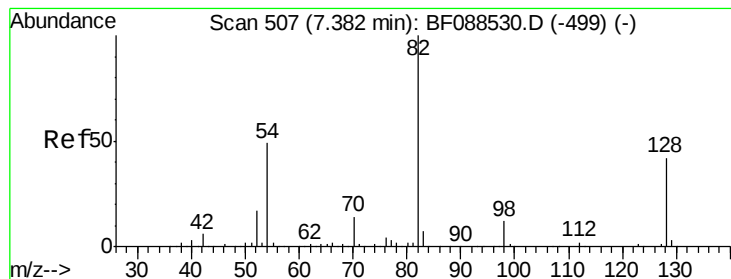
136 100

137 11.0 9.1 13.7

54 8.8 6.6 10.0

68 7.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 60.80 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088568.D

Acq: 1 Jul 2016 11:57

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

Tgt Ion: 82 Resp: 668211
Ion Ratio Lower Upper

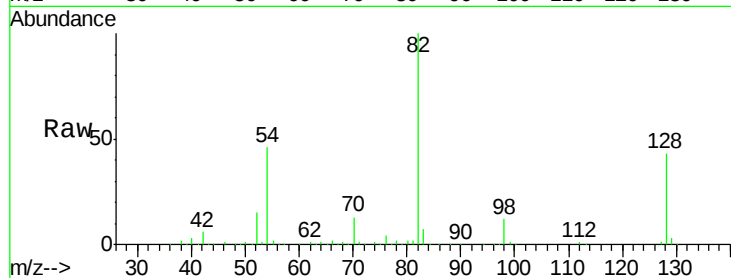
82 100

128 43.1 35.9 53.9

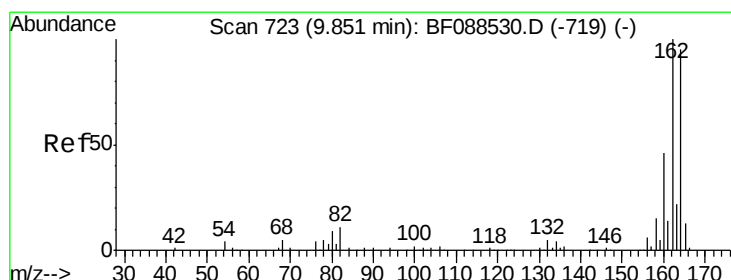
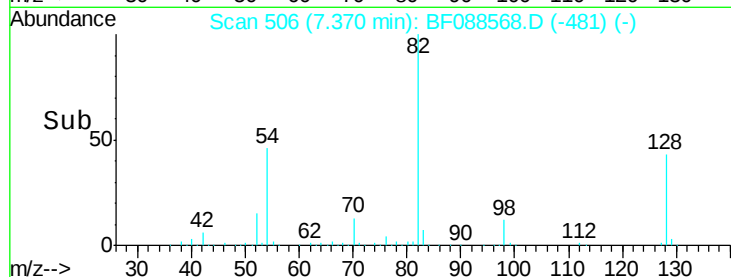
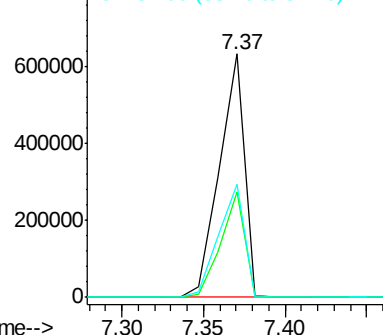
54 46.5 40.9 61.3

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088568.D

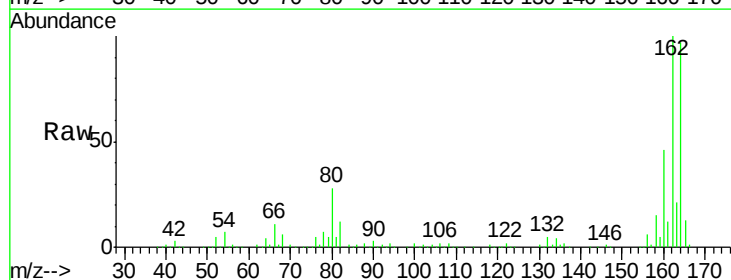
Acq: 1 Jul 2016 11:57

Tgt Ion: 164 Resp: 271108
Ion Ratio Lower Upper

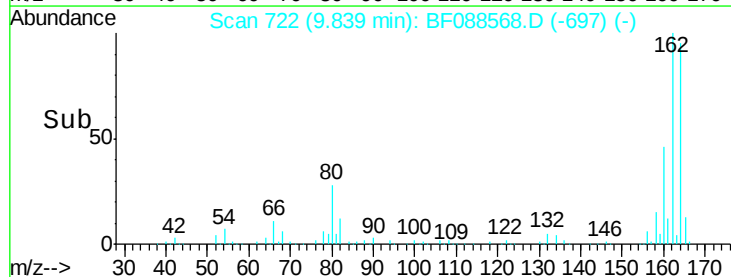
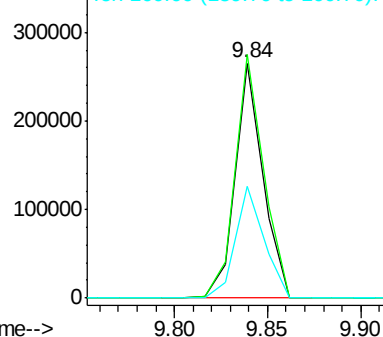
164 100

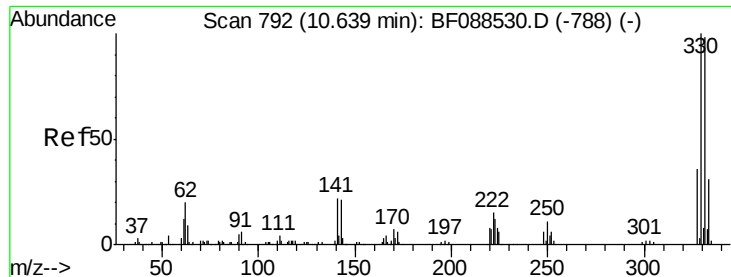
162 103.6 85.4 128.2

160 47.8 39.5 59.3



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





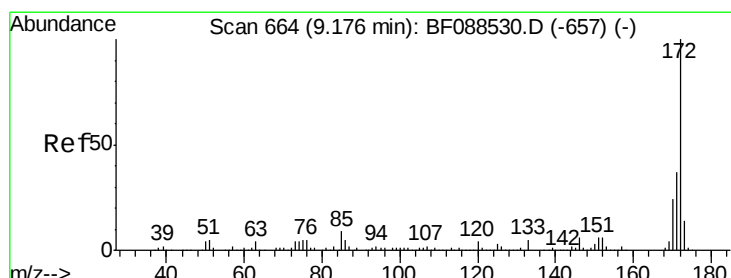
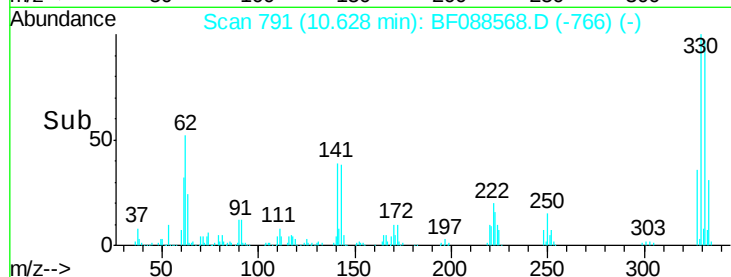
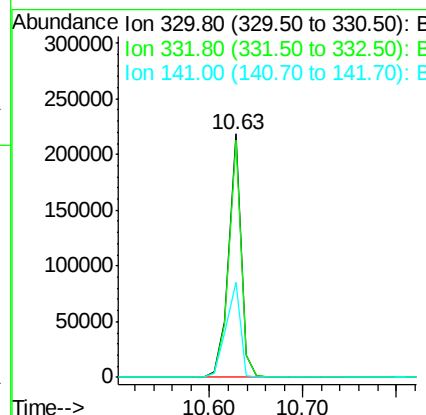
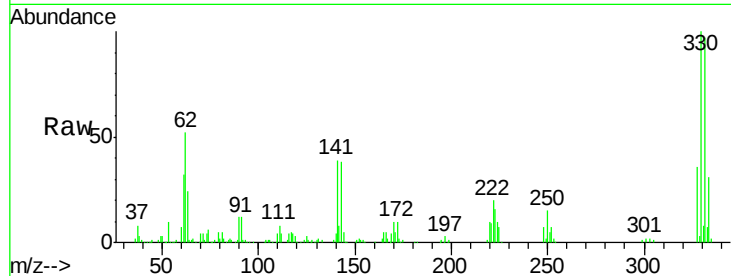
#41
 2,4,6-Tribromophenol
 Concen: 80.68 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088568.D
 Acq: 1 Jul 2016 11:57

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.3	0.0	0.0#
141	44.2	0.0	0.0#

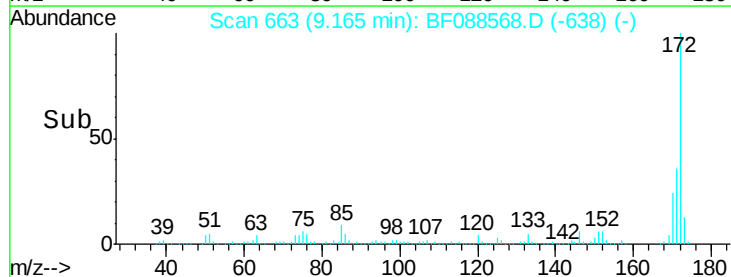
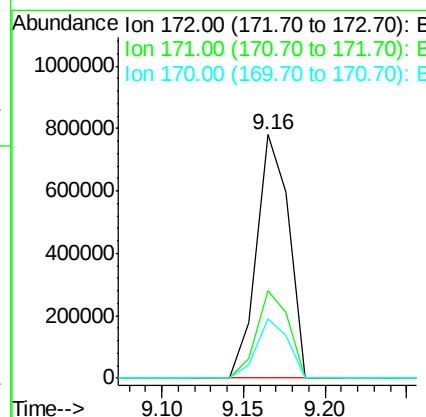
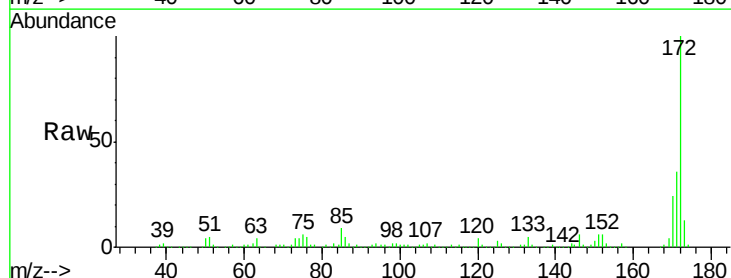
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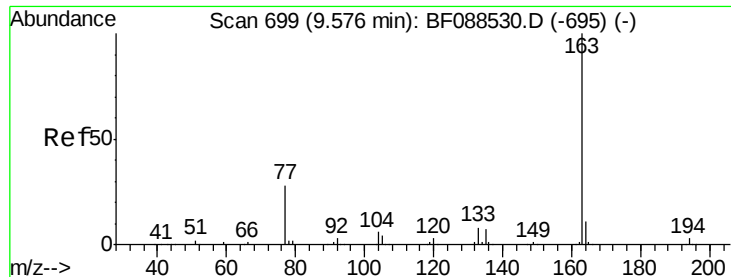
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#44
 2-Fluorobiphenyl
 Concen: 62.36 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF088568.D
 Acq: 1 Jul 2016 11:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.0	28.6	43.0
170	24.2	19.2	28.8





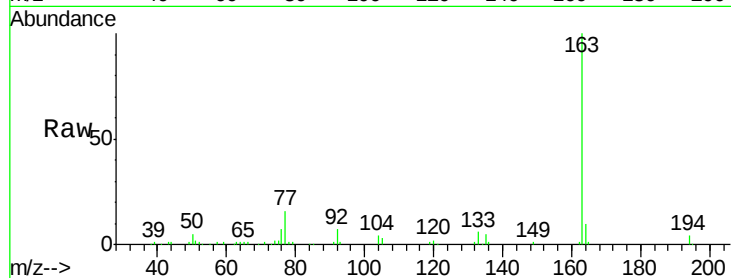
#49
Dimethylphthalate
Concen: 6.07 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088568.D
Acq: 1 Jul 2016 11:57

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

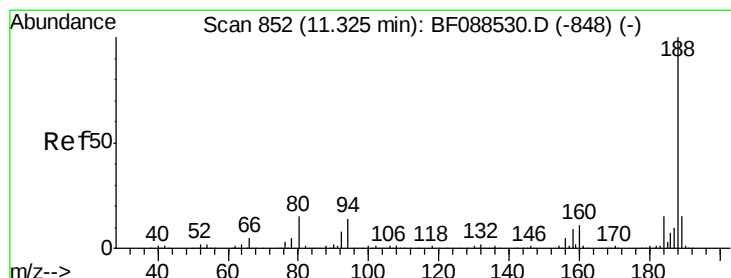
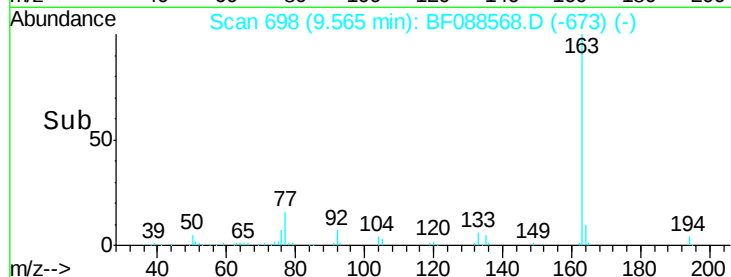
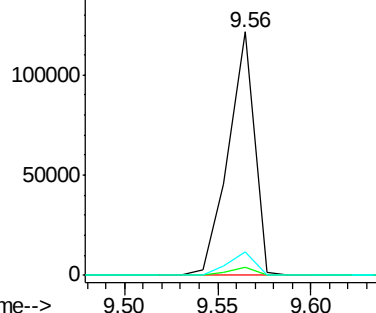
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	117262		
194	3.5	2.8	4.2	
164	9.5	8.3	12.5	

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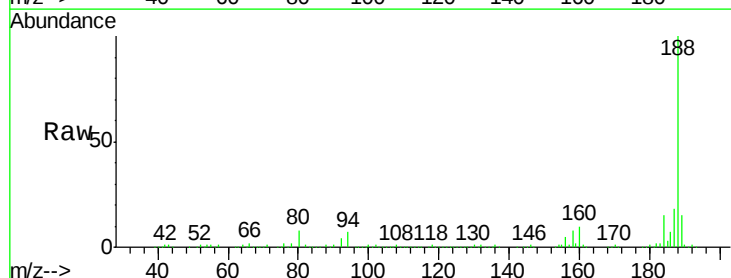


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

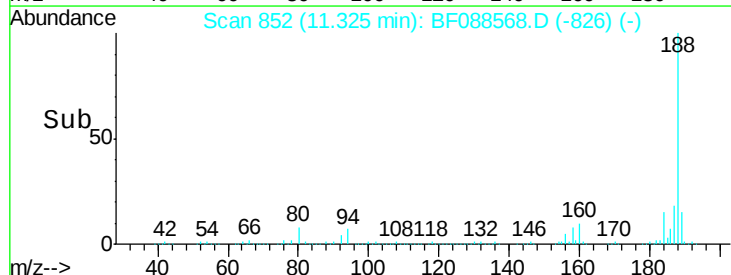
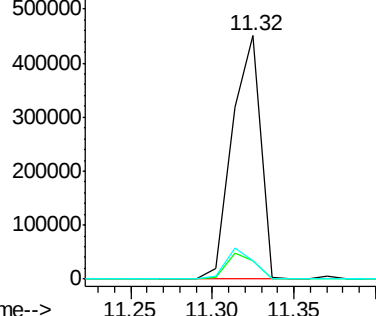


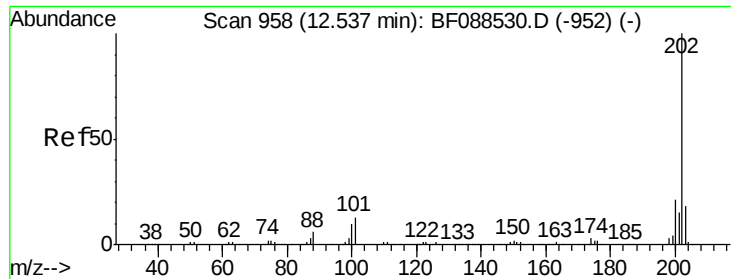
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088568.D
Acq: 1 Jul 2016 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	543787		
94	7.4	9.0	13.6#	
80	7.8	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





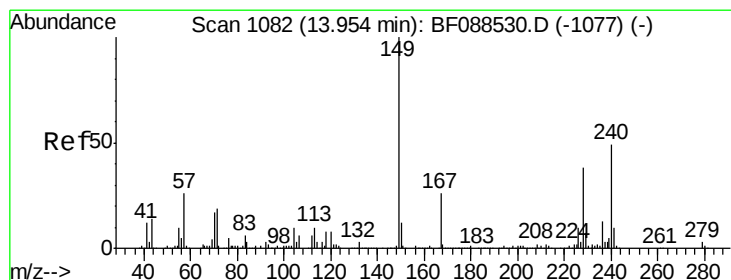
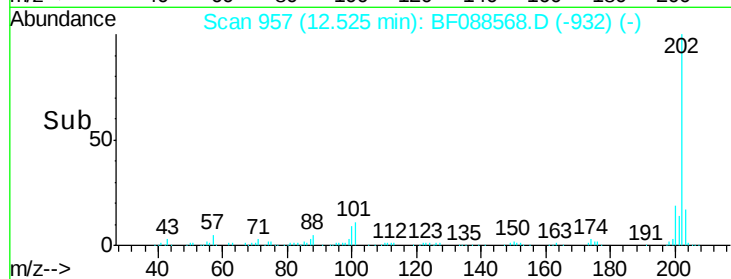
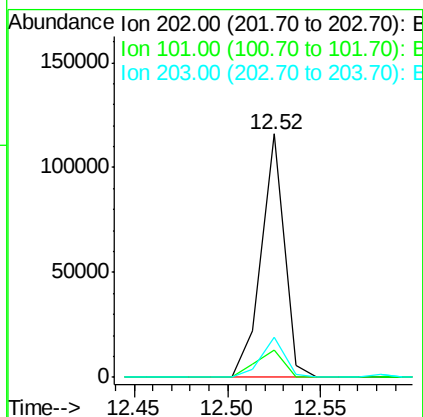
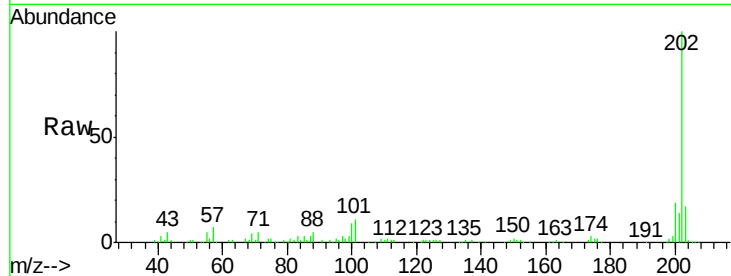
#74
 Fluoranthene
 Concen: 3.29 ng
 RT: 12.52 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF088568.D
 Acq: 1 Jul 2016 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	0.0	33.1
203	16.7	0.0	38.1

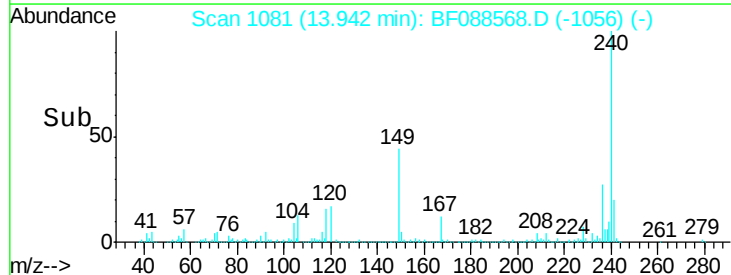
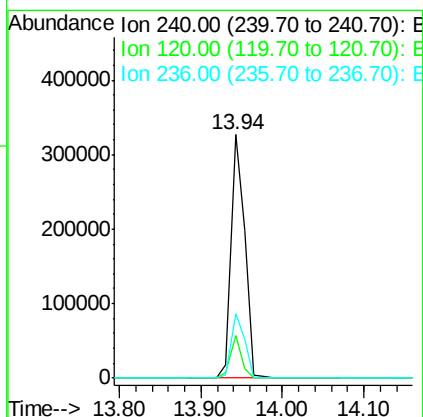
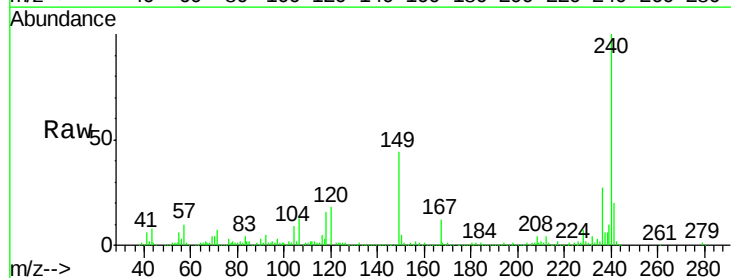
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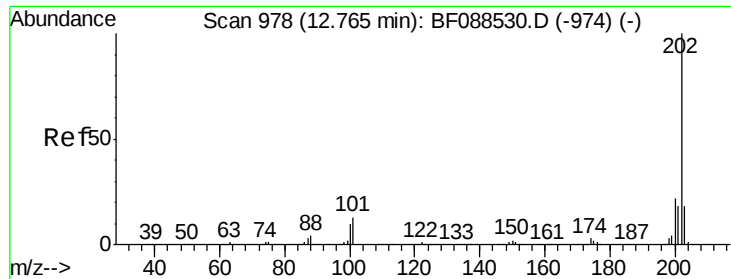
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088568.D
 Acq: 1 Jul 2016 11:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	17.5	6.8	10.2#
236	26.6	20.2	30.2





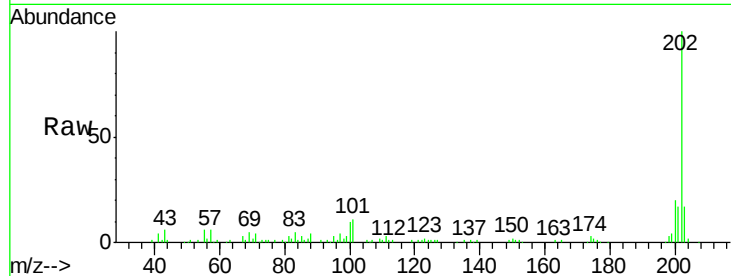
#77
 Pyrene
 Concen: 2.76 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088568.D
 Acq: 1 Jul 2016 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

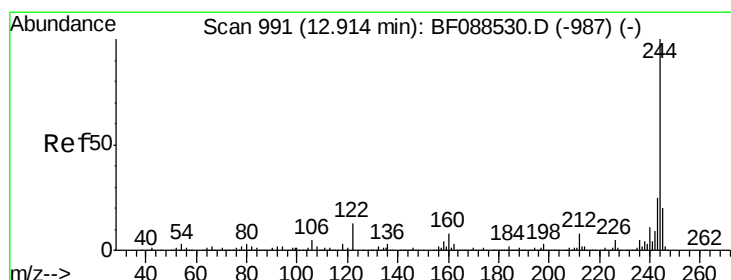
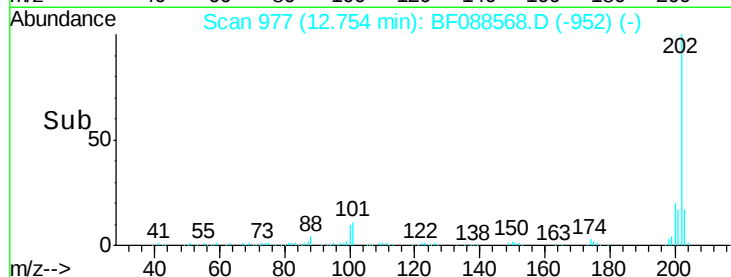
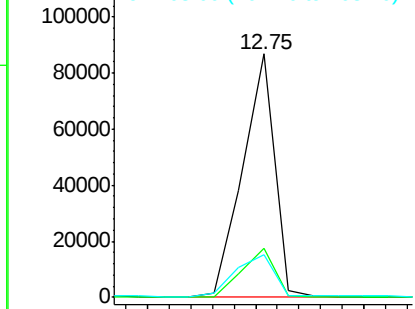
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.9	17.4	26.2
203	17.3	14.5	21.7

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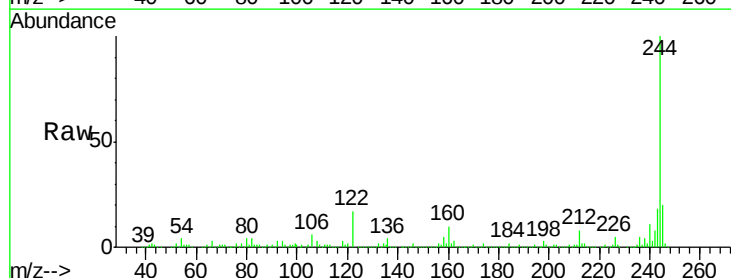


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

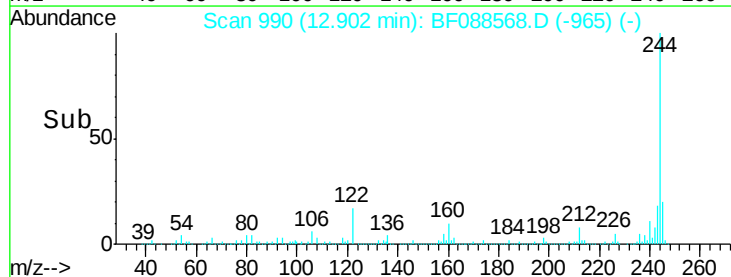
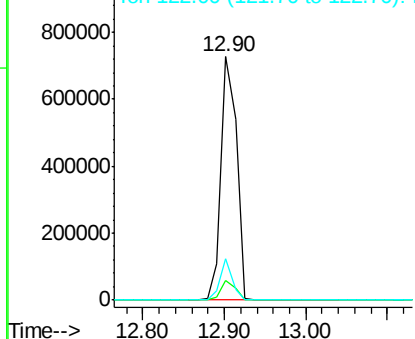


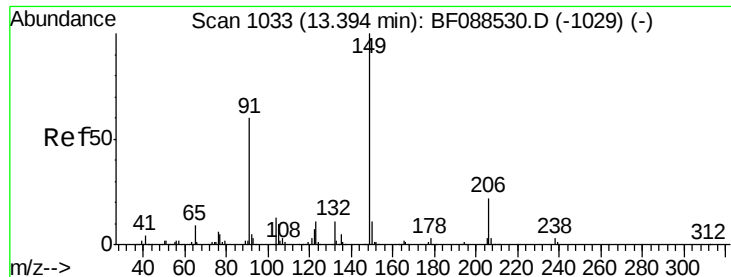
#78
 Terphenyl-d14
 Concen: 55.82 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088568.D
 Acq: 1 Jul 2016 11:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.2	6.0	9.0
122	16.8	11.2	16.8#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





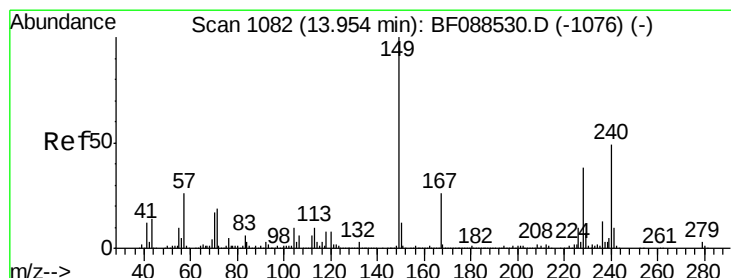
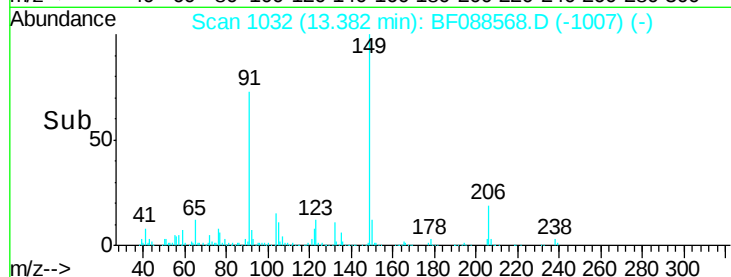
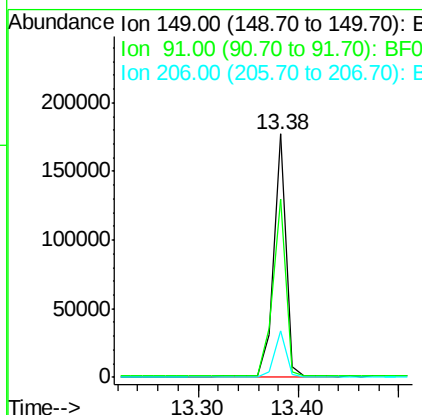
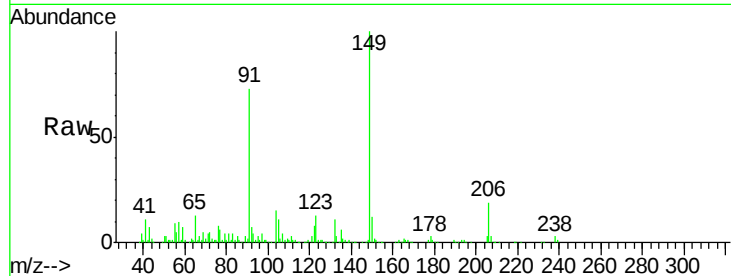
#79
Butylbenzylphthalate
Concen: 10.36 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF088568.D
Acq: 1 Jul 2016 11:57

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	148816		
91	73.2	48.0	72.0#	
206	19.0	16.0	24.0	

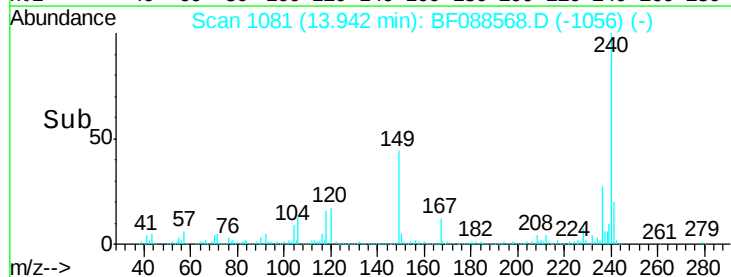
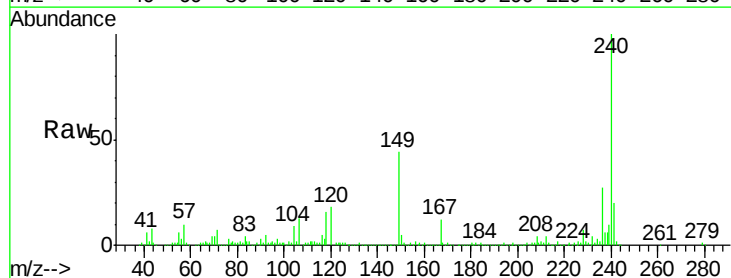
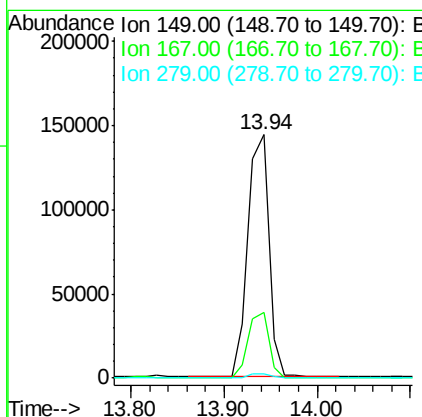
Manual Integrations
APPROVED

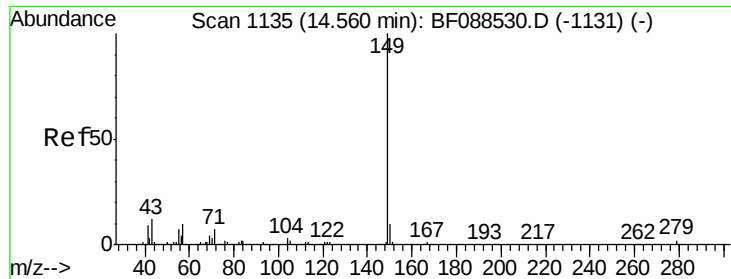
sohil
7/5/2016 7:30:46 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 13.70 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088568.D
Acq: 1 Jul 2016 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	224683		
167	26.7	20.5	30.7	
279	1.9	2.0	3.0#	





#84

Di-n-octyl phthalate

Concen: 3.16 ng m

RT: 14.59 min Scan# 1138

Delta R.T. 0.03 min

Lab File: BF088568.D

Acq: 1 Jul 2016 11:57

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

Tgt Ion:149 Resp: 87961

Ion Ratio Lower Upper

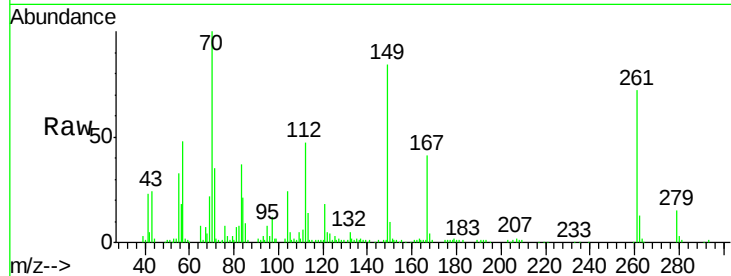
149 100

167 0.0 0.0 0.0

43 16.2 0.0 0.0#

Manual Integrations
APPROVED

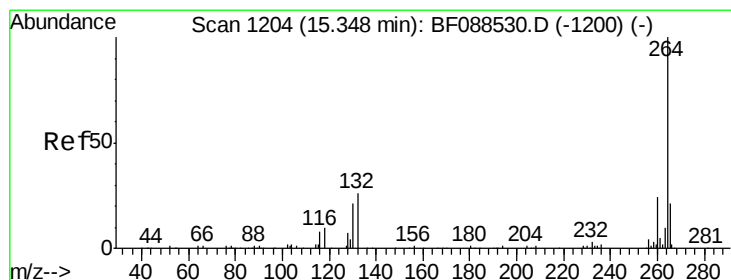
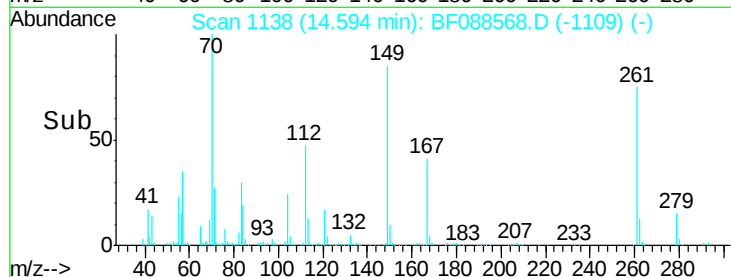
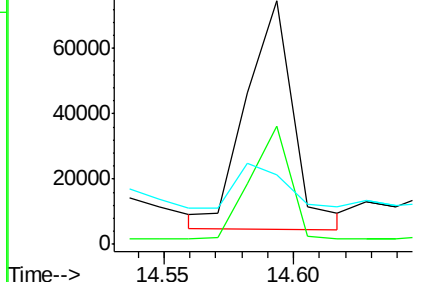
sohil
7/5/2016 7:30:46 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF088568.D

Acq: 1 Jul 2016 11:57

Tgt Ion:264 Resp: 311856

Ion Ratio Lower Upper

264 100

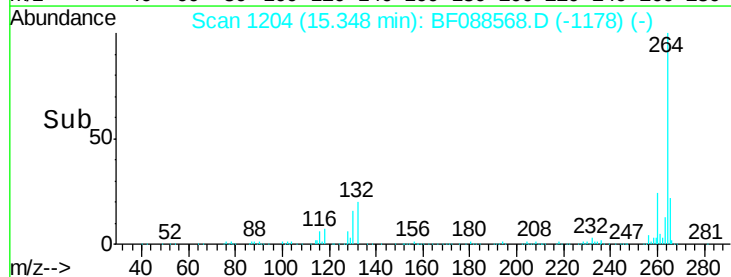
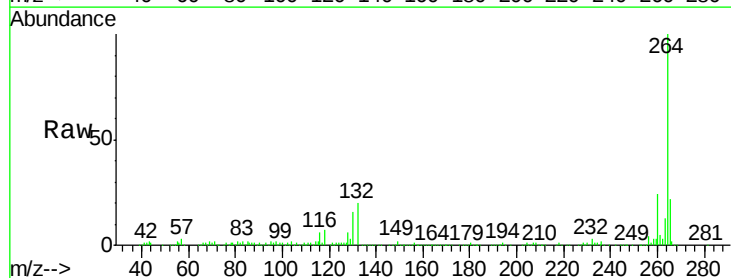
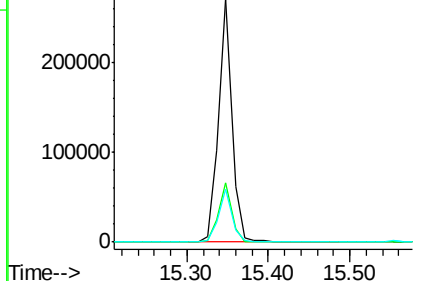
260 24.4 19.2 28.8

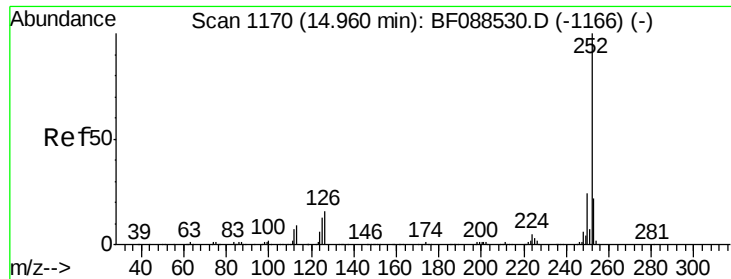
265 21.7 16.9 25.3

Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87
 Benzo(b)fluoranthene
 Concen: 2.39 ng m
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF088568.D
 Acq: 1 Jul 2016 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	20.4	7.1	10.7

Manual Integrations
 APPROVED

sohil
 7/5/2016 7:30:46 PM

