

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088578.D
 Acq On : 1 Jul 2016 16:48
 Operator : UM/SJ
 Sample : H3808-12 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Manual Integrations
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Quant Time: Jul 05 02:26:31 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	142092	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	521259	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	225149	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	397273	20.00	ng	0.00
75) Chrysene-d12	13.95	240	287606	20.00	ng	0.00
86) Perylene-d12	15.35	264	244377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	430100	45.36	ng	-0.01
7) Phenol-d6	6.43	99	545497	44.53	ng	-0.01
23) Nitrobenzene-d5	7.37	82	375047	37.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	106621	51.00	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	546932	38.37	ng	-0.01
78) Terphenyl-d14	12.90	244	396193	30.68	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	64705	4.03	ng	99
70) Phenanthrene	11.35	178	378810	17.44	ng	98
71) Anthracene	11.39	178	53927	2.50	ng	98
72) Carbazole	11.54	167	88570	4.36	ng	99
74) Fluoranthene	12.53	202	438946	19.94	ng	97
77) Pyrene	12.75	202	355342	14.57	ng	100
79) Butylbenzylphthalate	13.38	149	63634	5.85	ng	# 85
80) Benzo(a)anthracene	13.94	228	166766	9.00	ng	98
82) Chrysene	13.98	228	161131	8.79	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	50912	4.10	ng	97
85) Indeno(1,2,3-cd)pyrene	16.70	276	45331	3.22	ng	# 100
87) Benzo(b)fluoranthene	14.95	252	174599m	11.39	ng	
88) Benzo(k)fluoranthene	14.97	252	29306m	2.20	ng	
89) Benzo(a)pyrene	15.29	252	90052	6.94	ng	98
91) Benzo(g,h,i)perylene	17.10	276	41192	3.67	ng	97

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

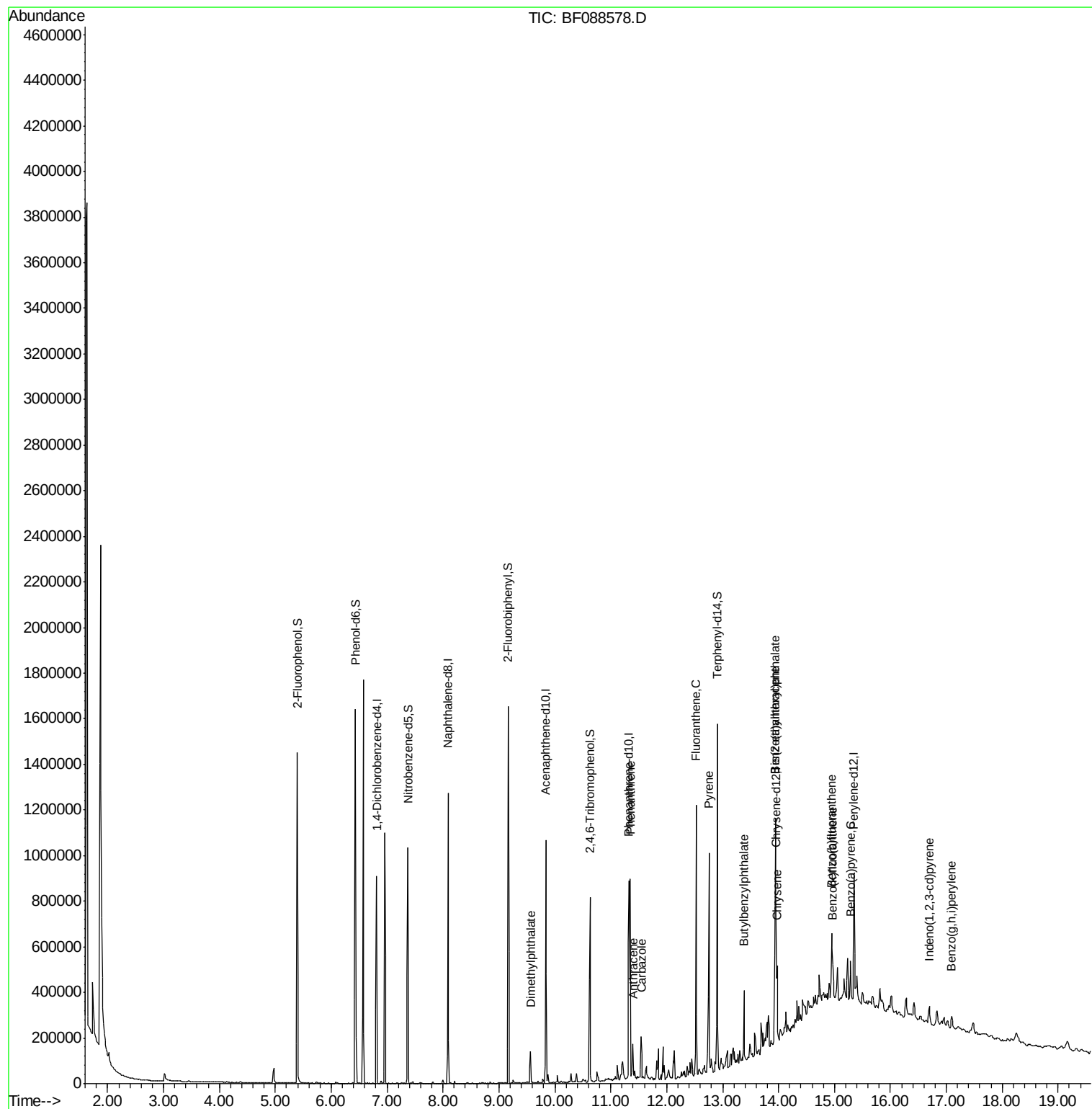
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
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ALS Vial : 15 Sample Multiplier: 1

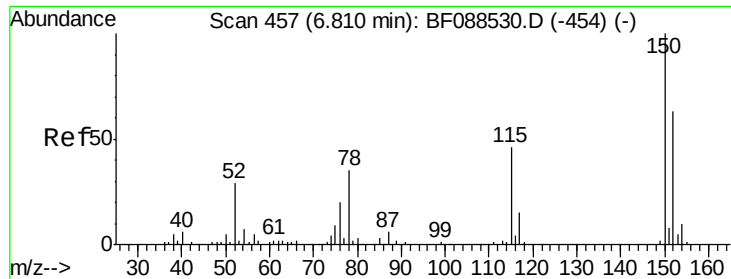
Instrument :
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#1

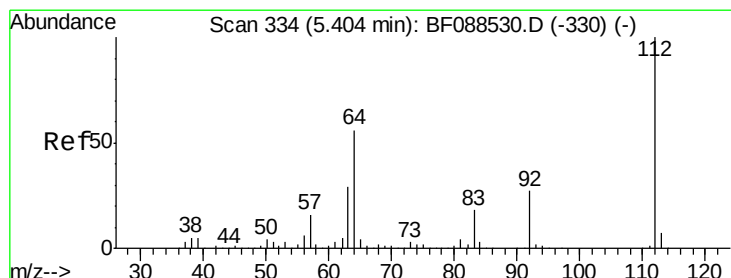
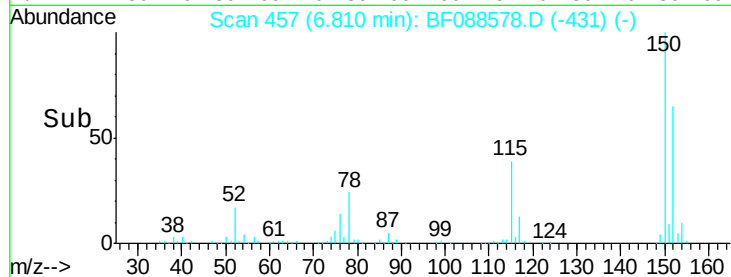
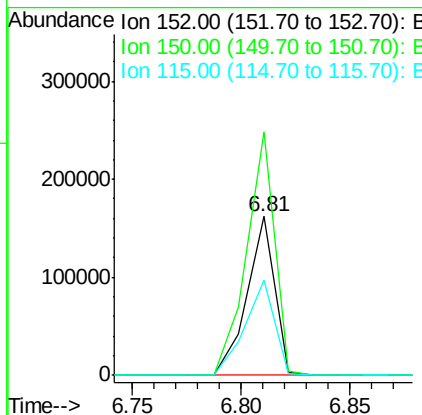
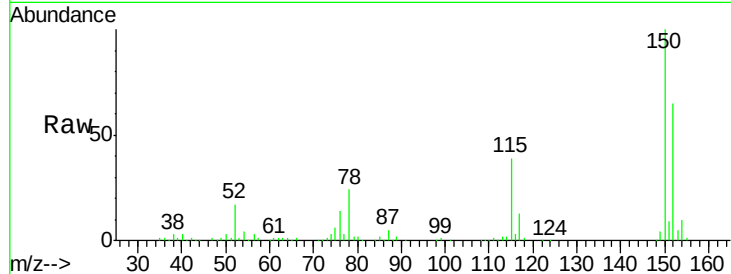
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088578.D
Acq: 1 Jul 2016 16:48

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.8	185.6
115	59.6	39.6	59.4#

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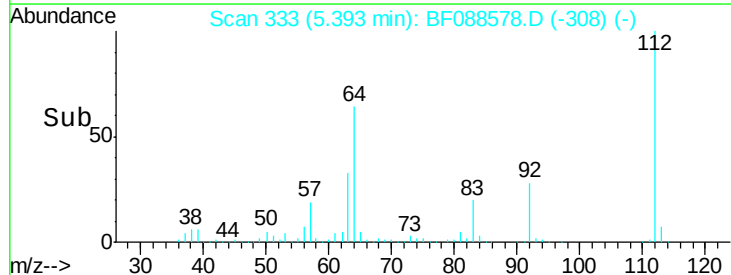
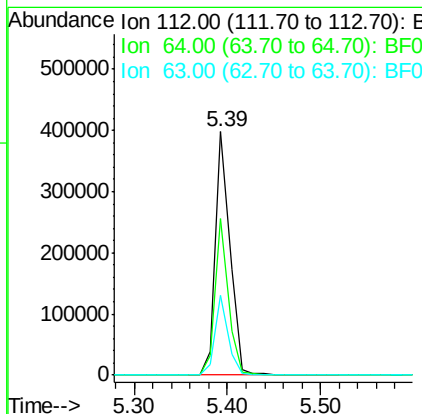
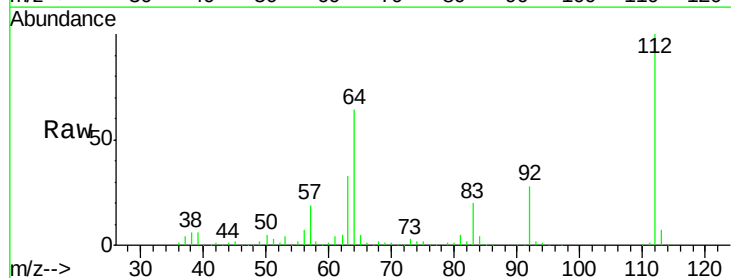
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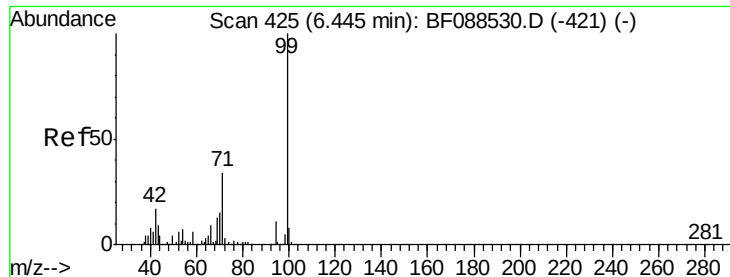


#5

2-Fluorophenol
Concen: 45.36 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF088578.D
Acq: 1 Jul 2016 16:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	42.2	63.2#
63	32.7	21.8	32.8





#7

Phenol-d6

Concen: 44.53 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088578.D

Acq: 1 Jul 2016 16:48

Instrument :

BNA_F

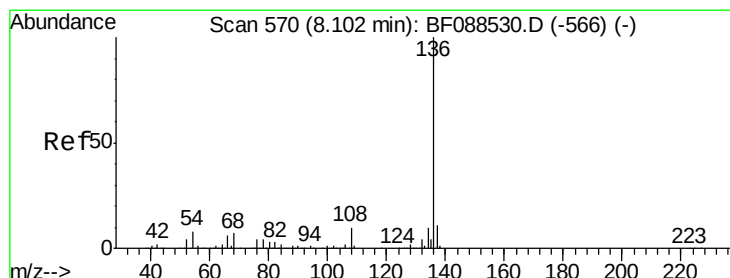
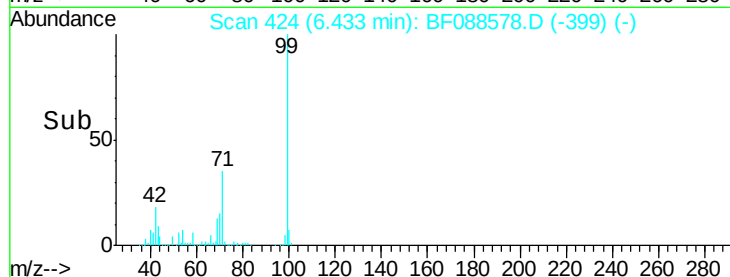
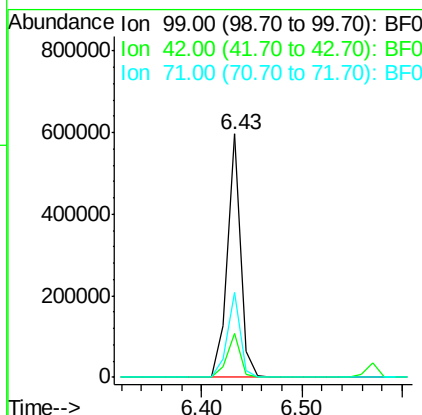
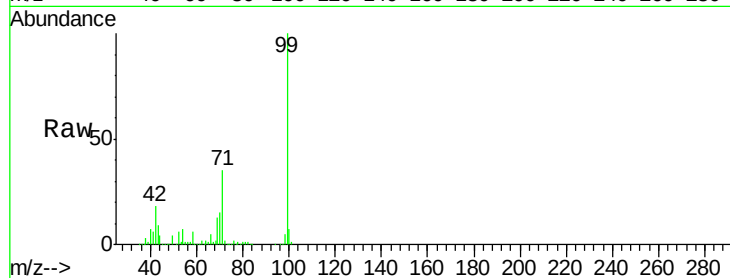
ClientSampleId :

SB-06-COMP

Tgt Ion:	99	Resp:	545497
Ion Ratio	Lower	Upper	
99	100		
42	17.9	12.2	18.2
71	34.9	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

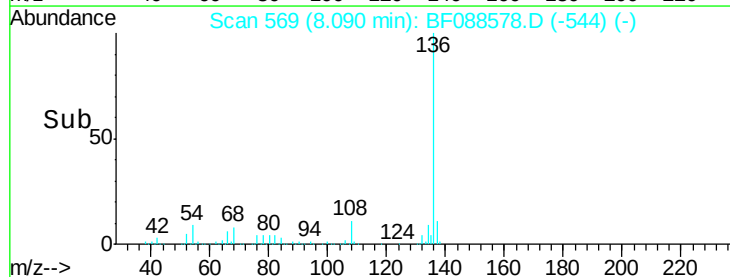
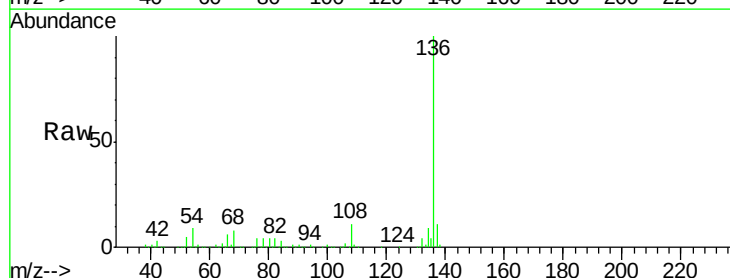
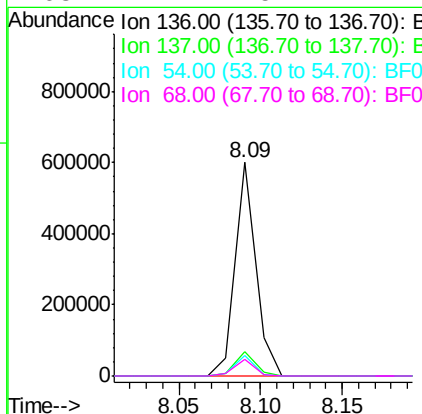
RT: 8.09 min Scan# 569

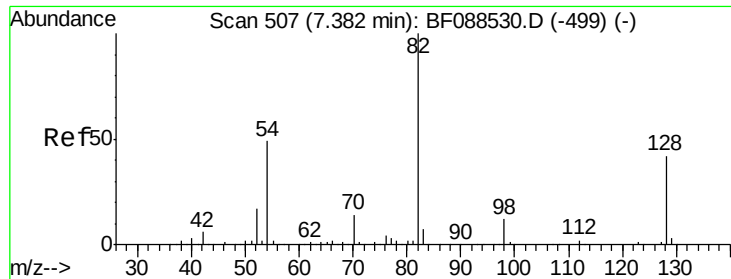
Delta R.T. -0.01 min

Lab File: BF088578.D

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Tgt Ion:	136	Resp:	521259
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	9.4	6.6	10.0
68	7.7	5.1	7.7#





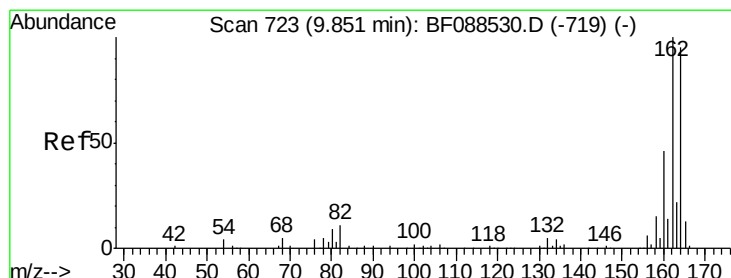
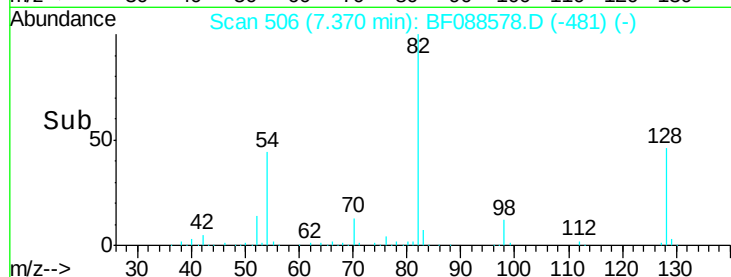
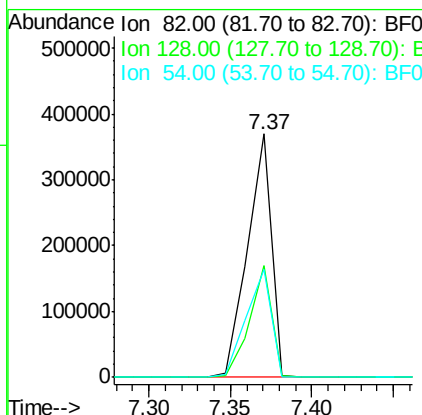
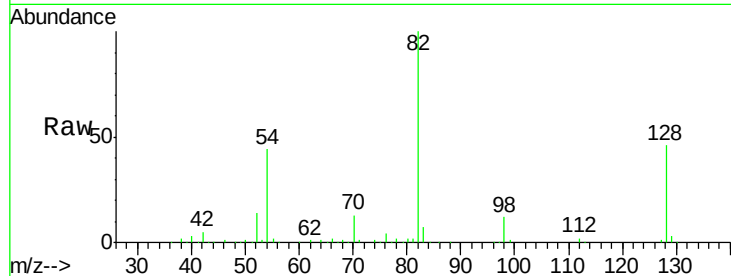
#23
 Nitrobenzene-d5
 Concen: 37.71 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088578.D
 Acq: 1 Jul 2016 16:48

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	375047		
128	46.0	35.9	53.9	
54	44.2	40.9	61.3	

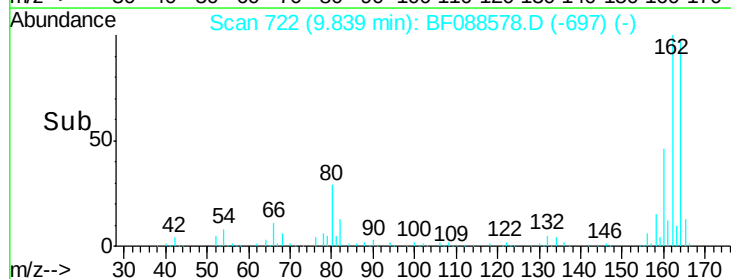
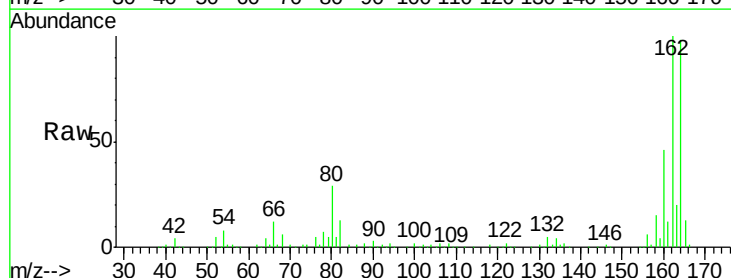
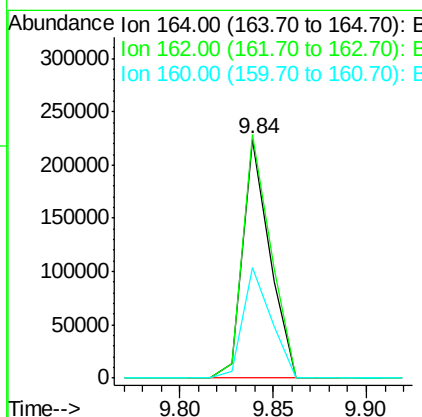
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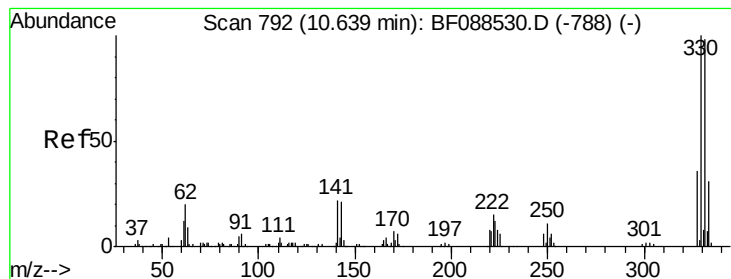
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088578.D
 Acq: 1 Jul 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	225149		
162	102.0	85.4	128.2	
160	46.5	39.5	59.3	





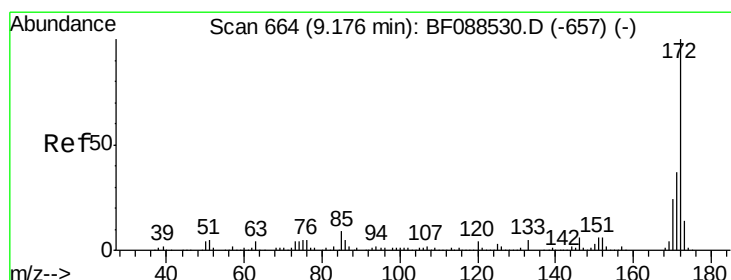
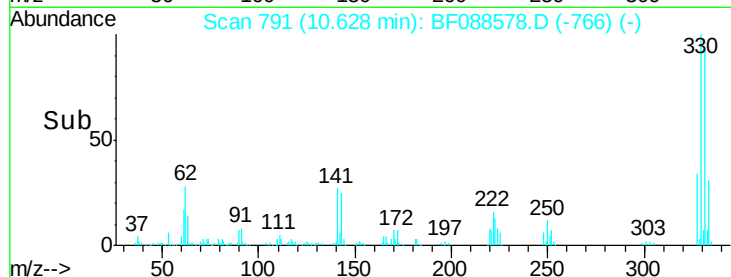
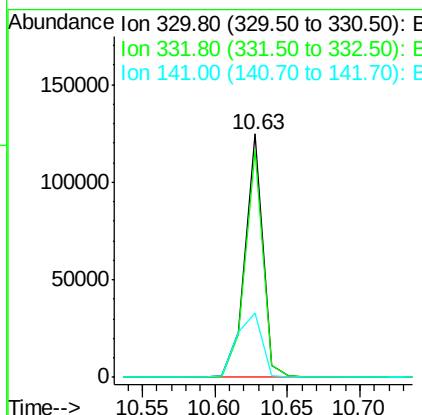
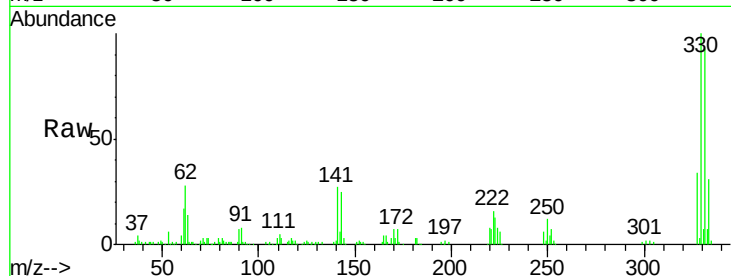
#41
 2,4,6-Tribromophenol
 Concen: 51.00 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088578.D
 Acq: 1 Jul 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.0	0.0	0.0#
141	37.9	0.0	0.0#

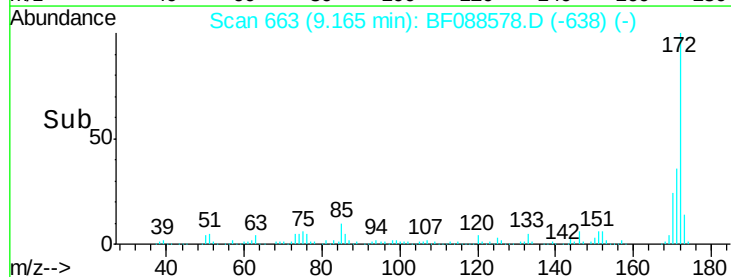
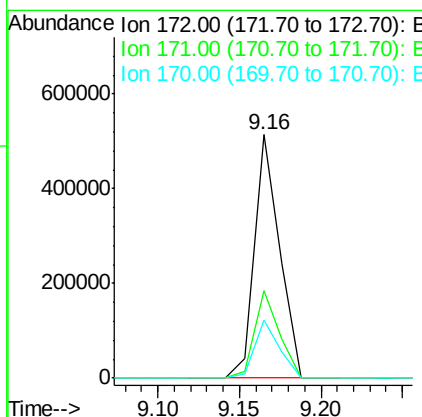
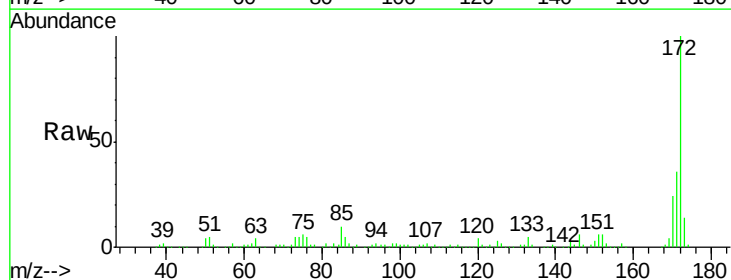
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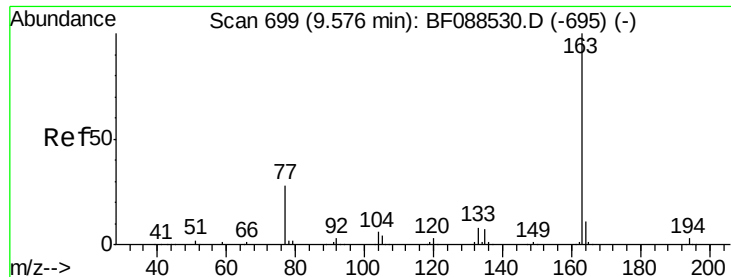
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#44
 2-Fluorobiphenyl
 Concen: 38.37 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF088578.D
 Acq: 1 Jul 2016 16:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.8	28.6	43.0
170	23.9	19.2	28.8





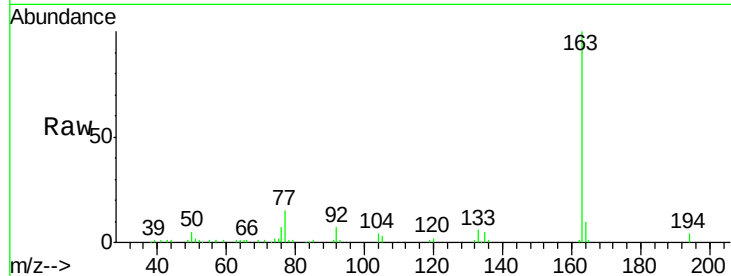
#49
Dimethylphthalate
Concen: 4.03 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088578.D
Acq: 1 Jul 2016 16:48

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

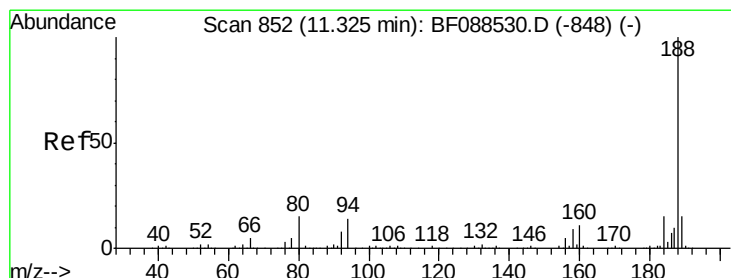
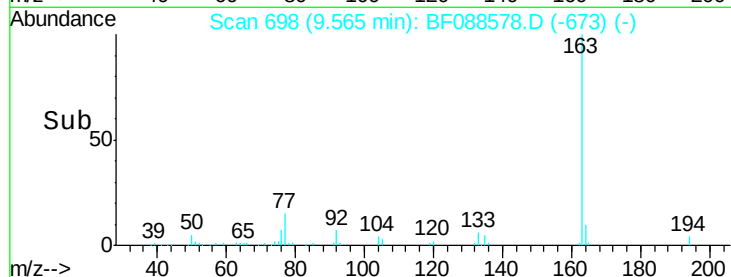
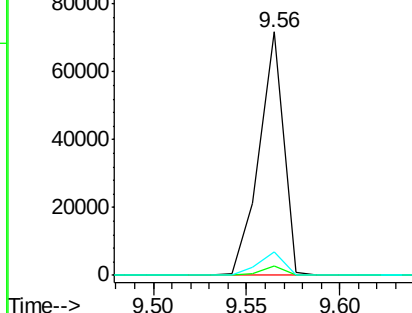
Tgt Ion:163 Resp: 64705
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.8 8.3 12.5

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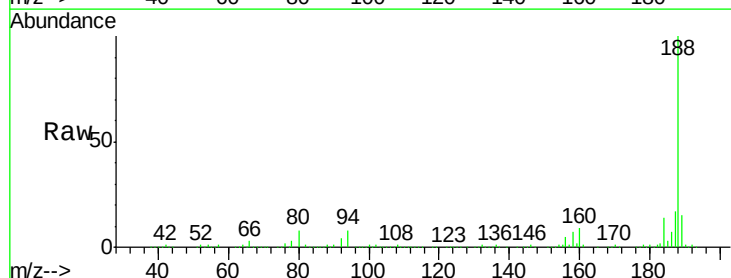


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

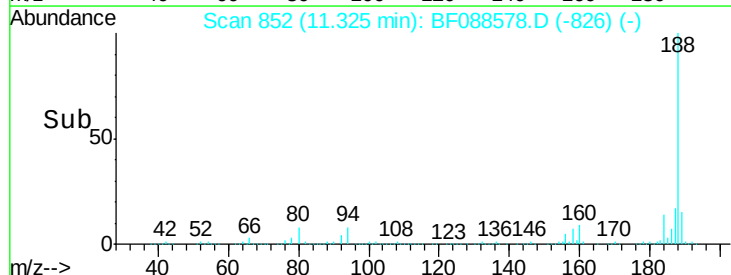
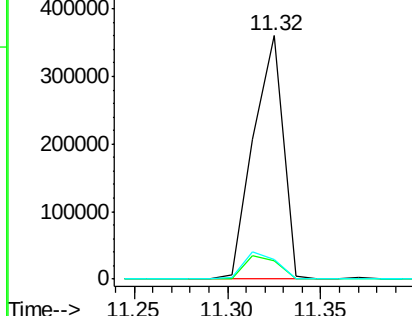


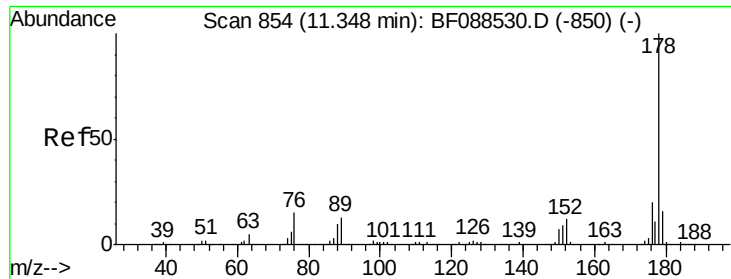
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088578.D
Acq: 1 Jul 2016 16:48

Tgt Ion:188 Resp: 397273
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.6#
80 8.1 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





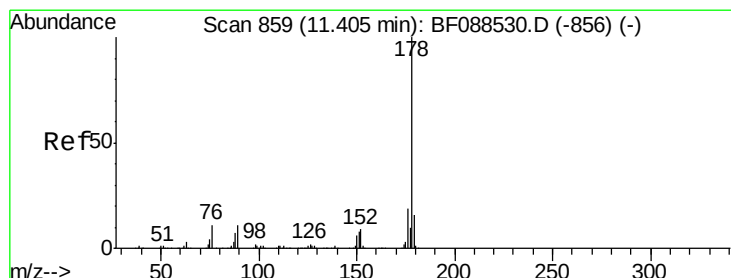
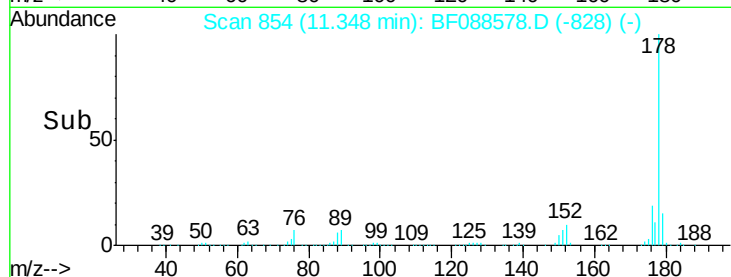
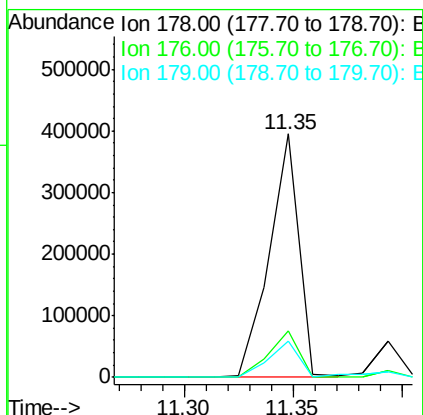
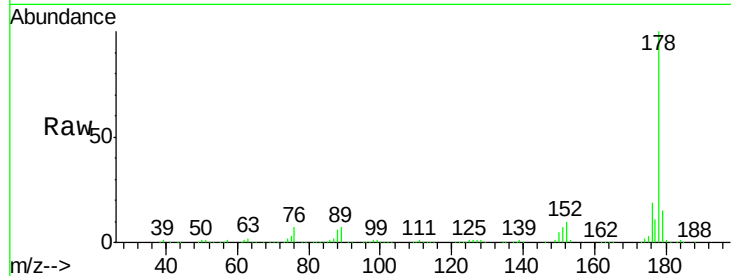
#70
Phenanthrene
Concen: 17.44 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF088578.D
Acq: 1 Jul 2016 16:48

Instrument :
BNA_F
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SB-06-COMP

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.0	13.0	19.4

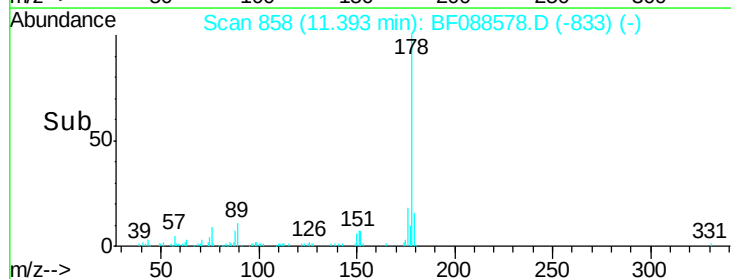
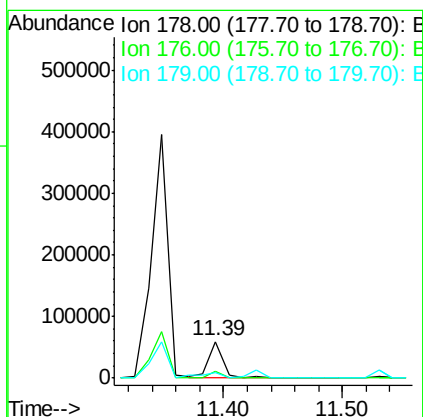
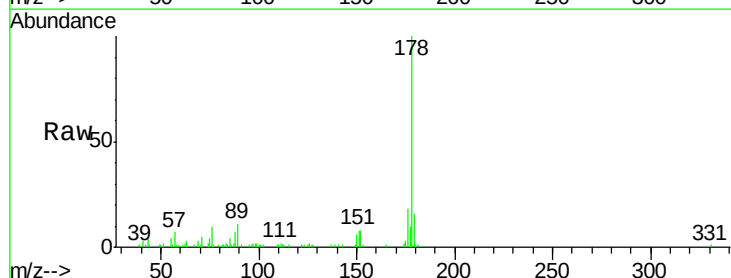
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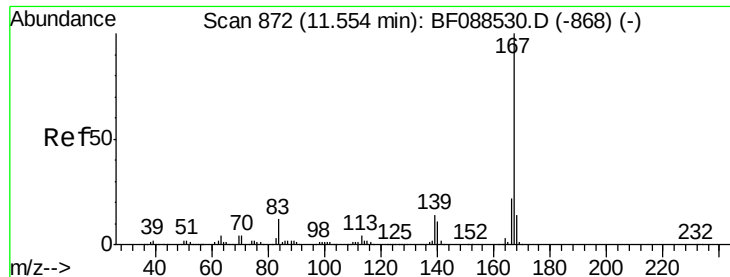
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#71
Anthracene
Concen: 2.50 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF088578.D
Acq: 1 Jul 2016 16:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.6	23.4
179	15.6	12.8	19.2





#72

Carbazole

Concen: 4.36 ng

RT: 11.54 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF088578.D

Acq: 1 Jul 2016 16:48

Instrument :

BNA_F

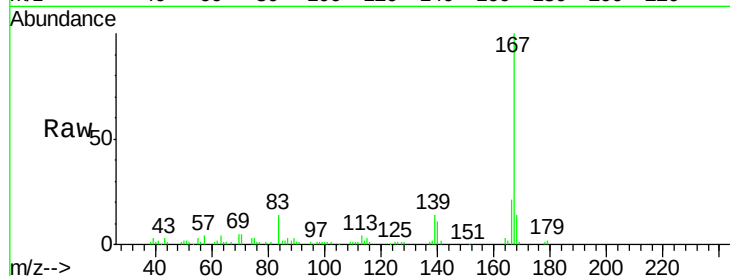
ClientSampleId :

SB-06-COMP

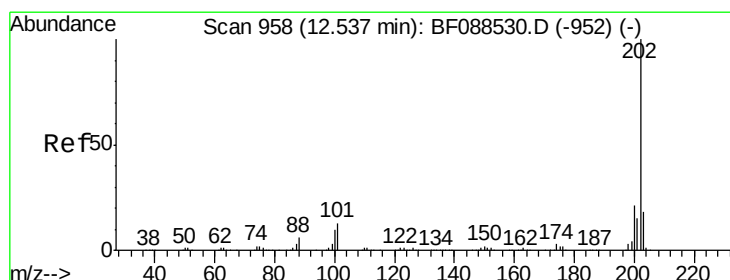
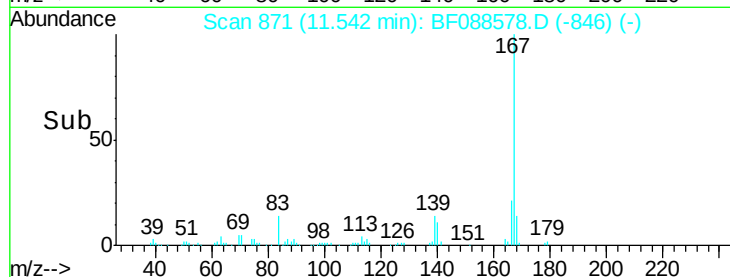
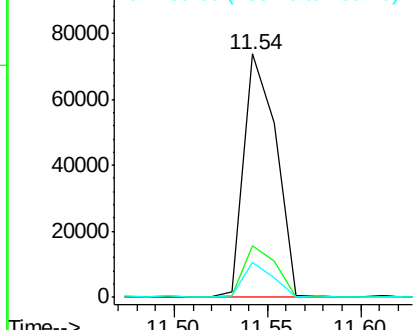
Tgt Ion:	167	Resp:	88570
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.8	26.6
139	14.4	11.2	16.8

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 19.94 ng

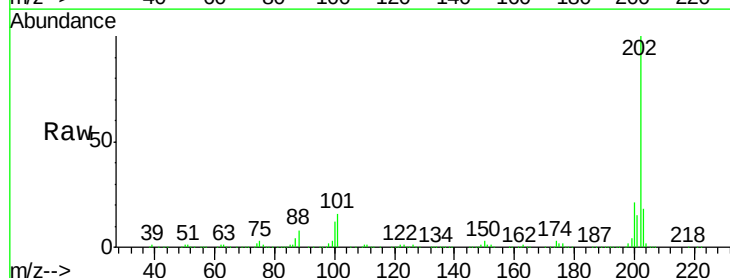
RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

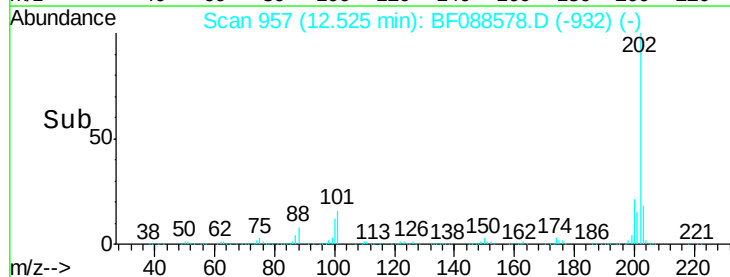
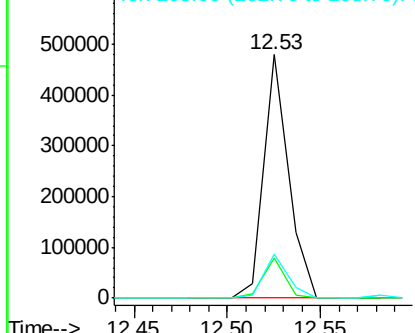
Lab File: BF088578.D

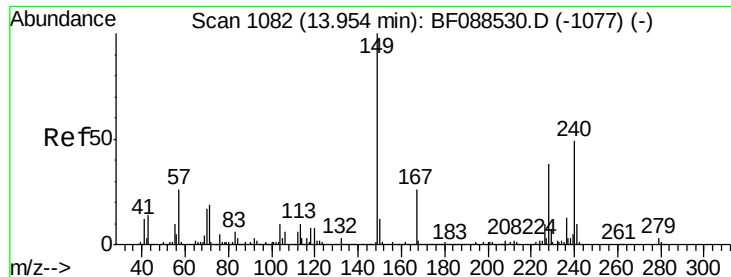
Acq: 1 Jul 2016 16:48

Tgt Ion:	202	Resp:	438946
Ion Ratio	Lower	Upper	
202	100		
101	16.3	0.0	33.1
203	18.0	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: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088578.D

Acq: 1 Jul 2016 16:48

Instrument :

BNA_F

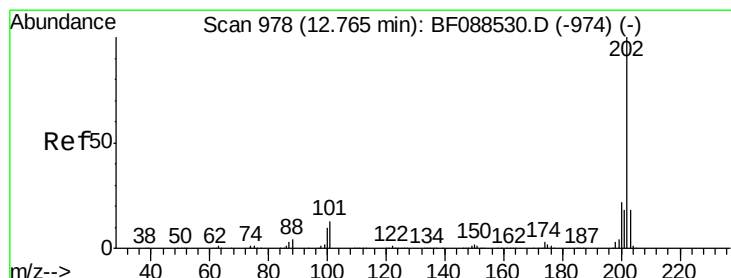
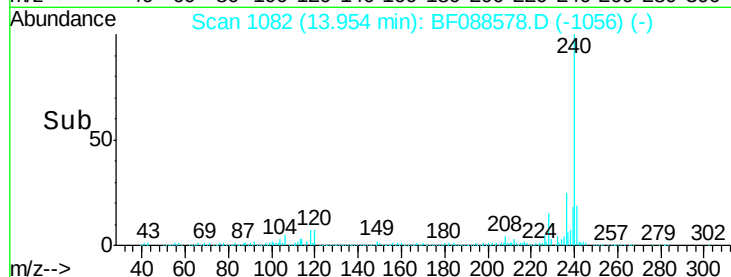
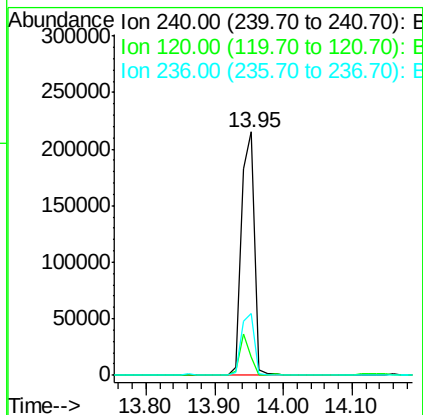
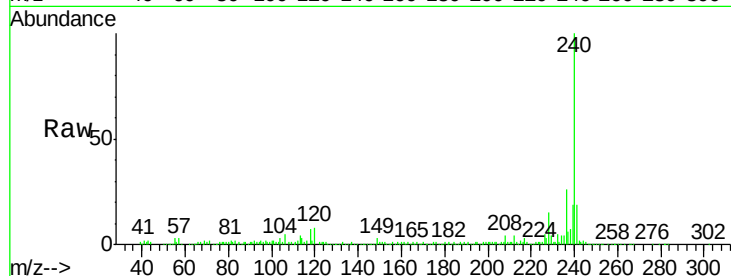
ClientSampleId :

SB-06-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	287606		
120	7.5	6.8	10.2	
236	25.6	20.2	30.2	

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#77

Pyrene

Concen: 14.57 ng

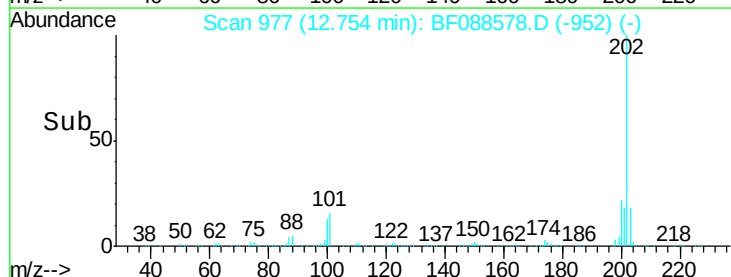
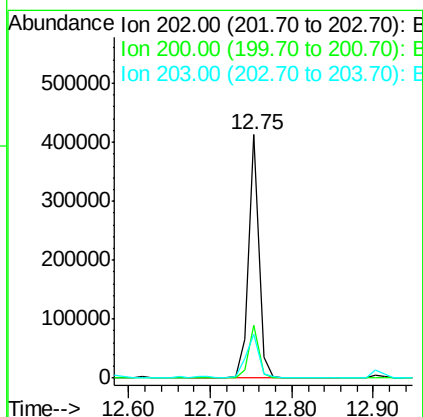
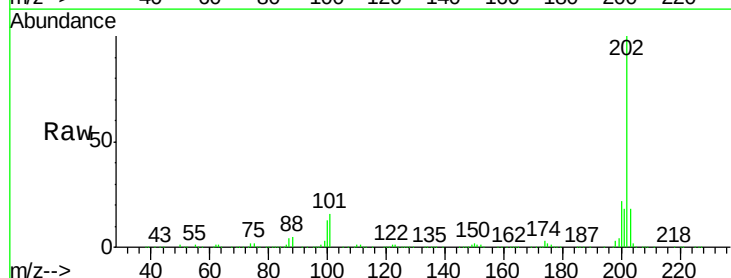
RT: 12.75 min Scan# 977

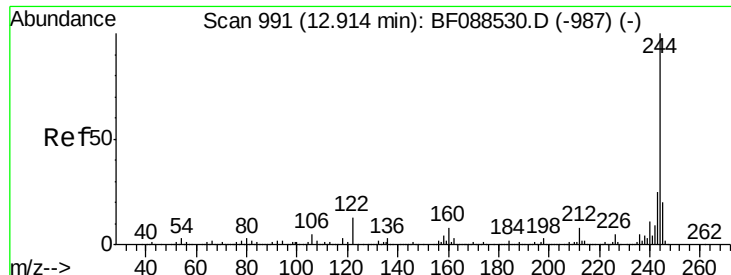
Delta R.T. -0.01 min

Lab File: BF088578.D

Acq: 1 Jul 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	355342		
200	21.6	17.4	26.2	
203	17.9	14.5	21.7	





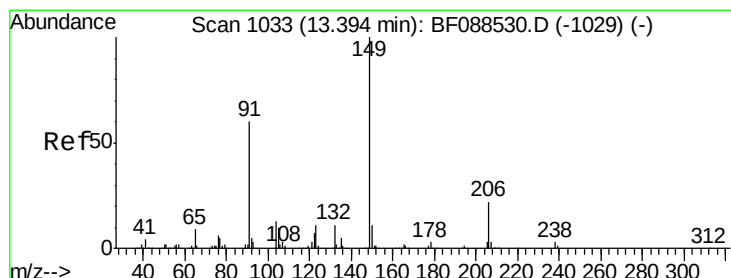
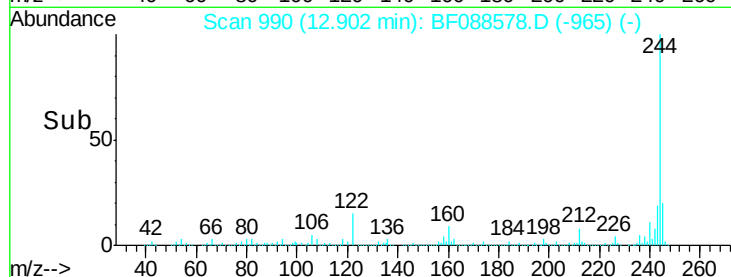
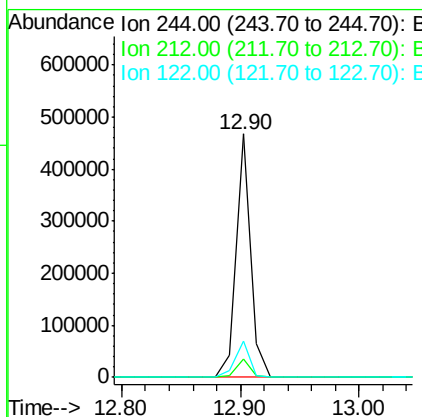
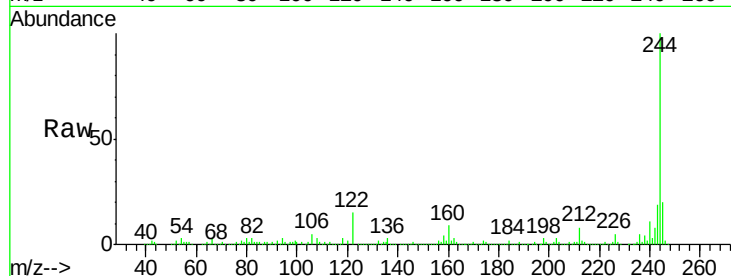
#78
 Terphenyl-d14
 Concen: 30.68 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088578.D
 Acq: 1 Jul 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	396193		
212	7.7	6.0	9.0	
122	15.1	11.2	16.8	

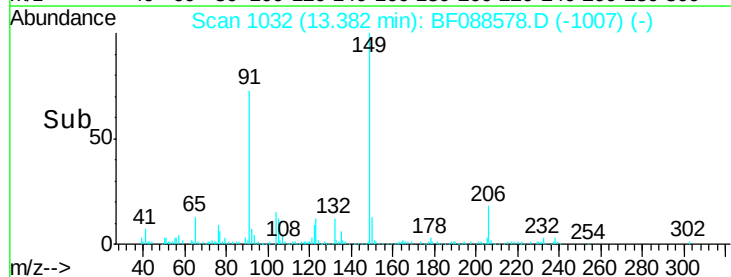
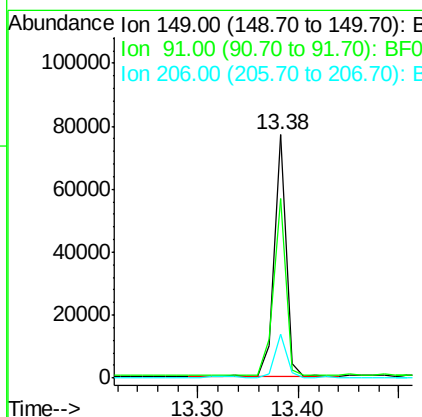
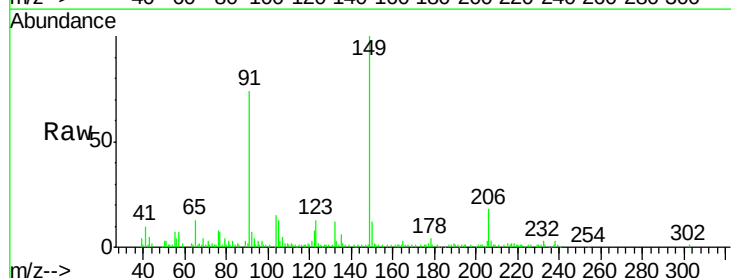
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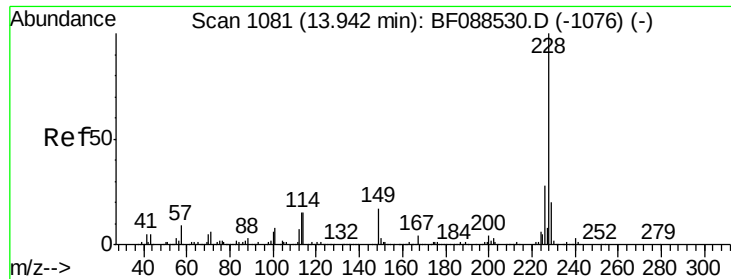
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#79
 Butylbenzylphthalate
 Concen: 5.85 ng
 RT: 13.38 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF088578.D
 Acq: 1 Jul 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	63634		
91	74.0	48.0	72.0#	
206	18.1	16.0	24.0	





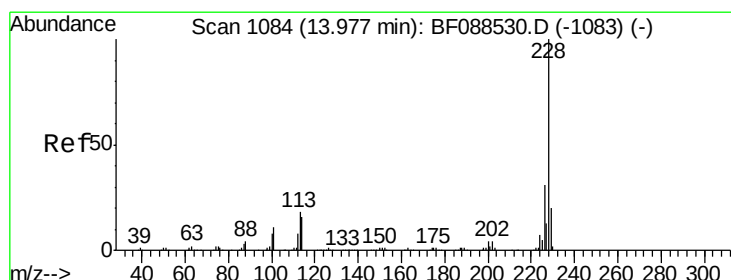
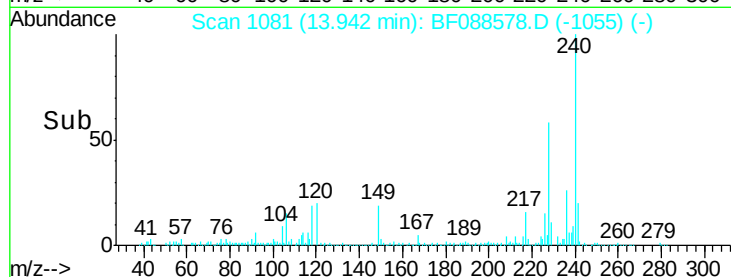
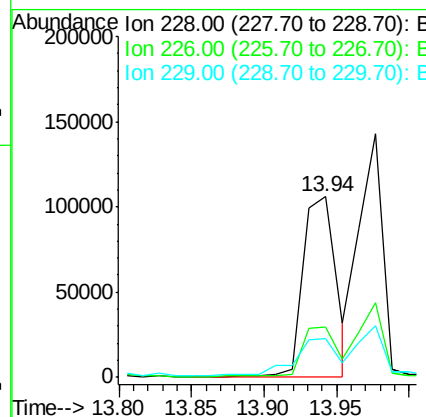
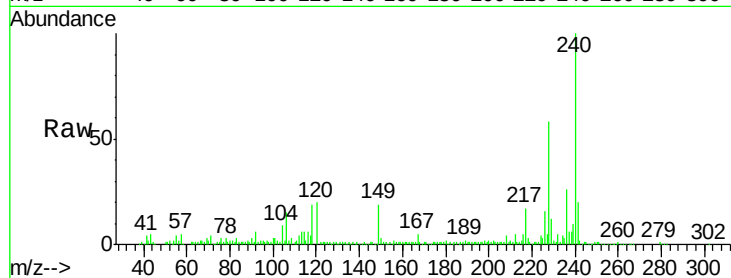
#80
Benzo(a)anthracene
Concen: 9.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF088578.D
Acq: 1 Jul 2016 16:48

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	21.3	16.0	24.0

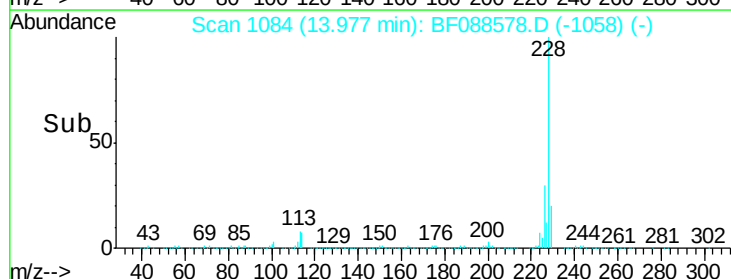
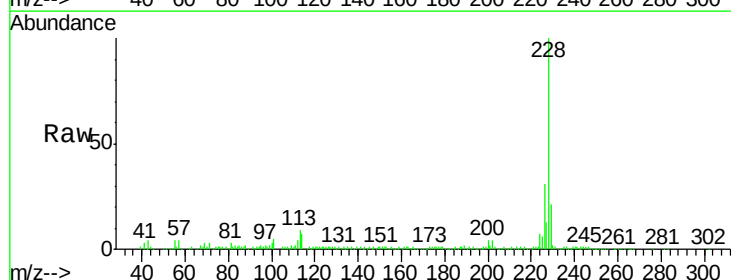
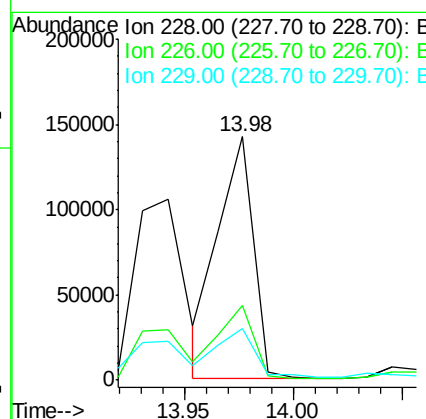
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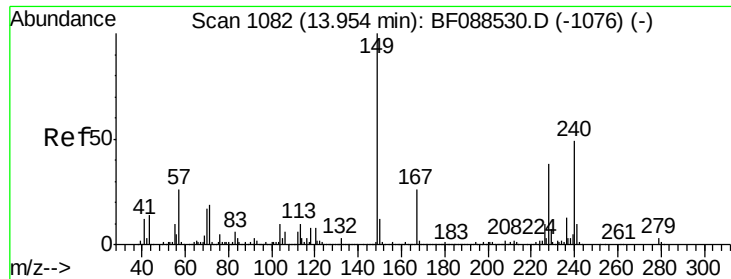
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#82
Chrysene
Concen: 8.79 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF088578.D
Acq: 1 Jul 2016 16:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.2
229	21.3	16.3	24.5





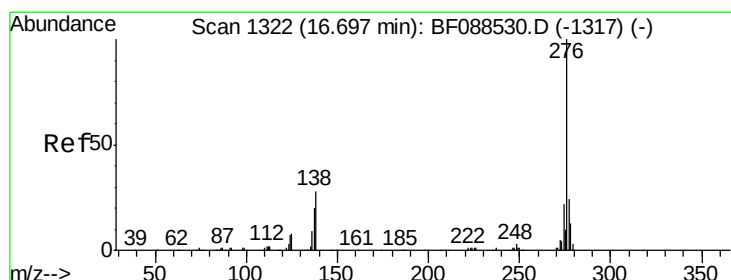
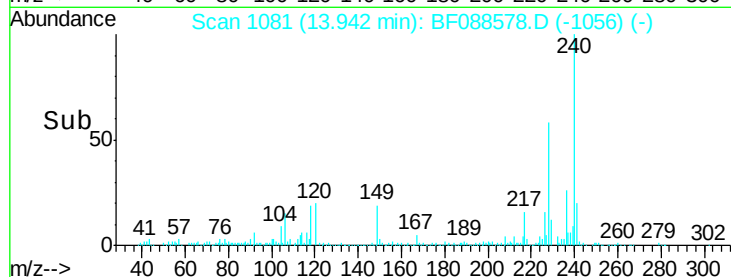
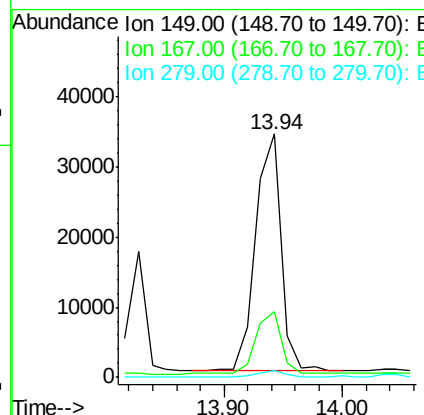
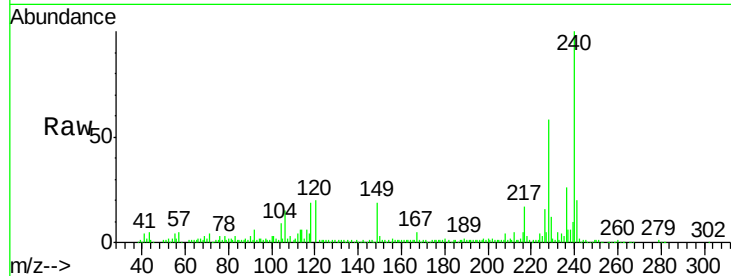
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.10 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088578.D
 Acq: 1 Jul 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	50912		
167	27.2	20.5	30.7	
279	2.6	2.0	3.0	

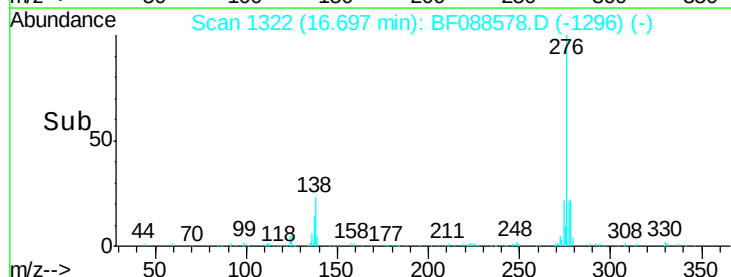
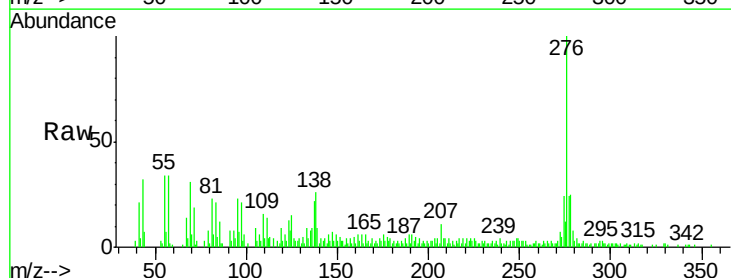
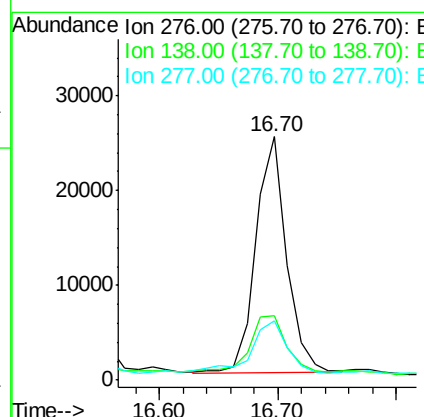
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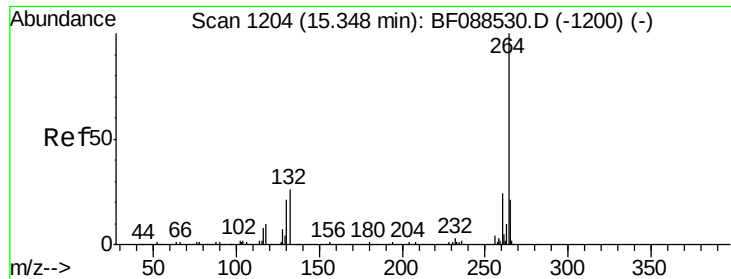
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.22 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF088578.D
 Acq: 1 Jul 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	45331		
138	28.2	0.0	0.0#	
277	28.0	0.0	0.0#	





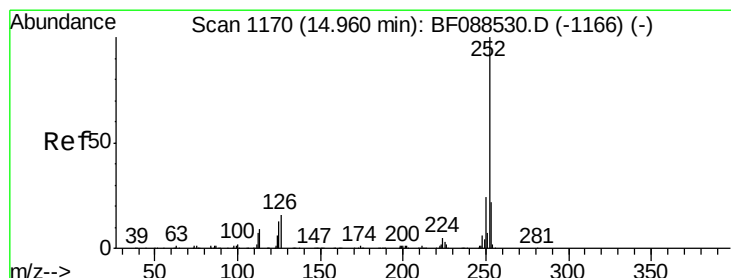
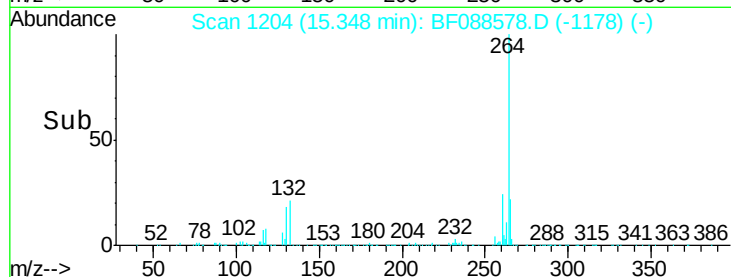
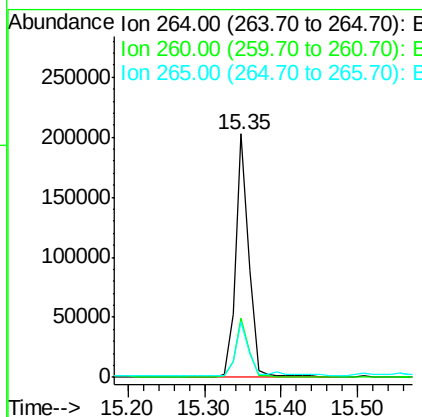
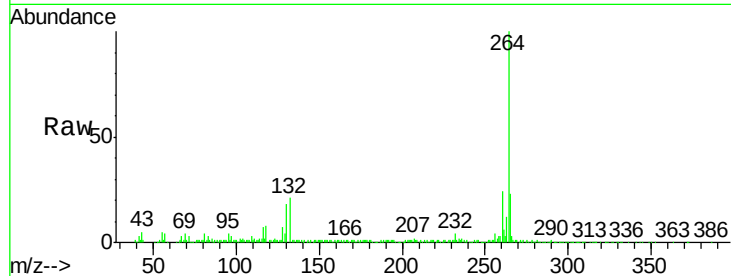
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088578.D
Acq: 1 Jul 2016 16:48

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.7	16.9	25.3

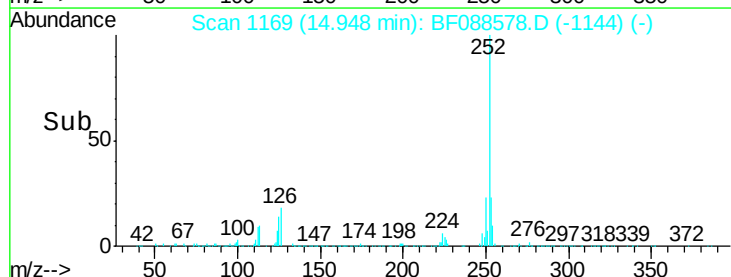
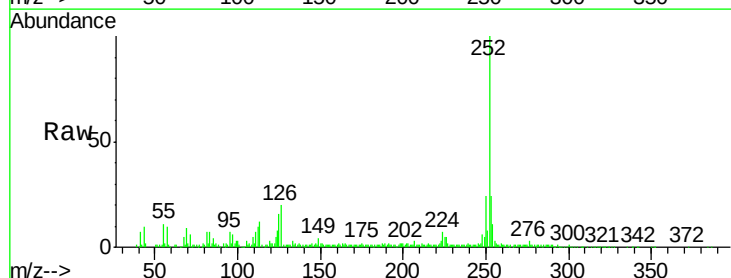
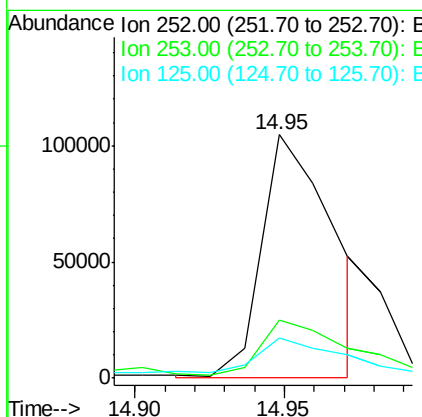
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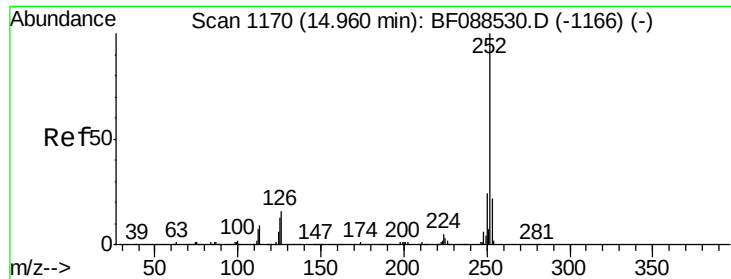
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#87
Benzo(b)fluoranthene
Concen: 11.39 ng m
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088578.D
Acq: 1 Jul 2016 16:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	16.3	7.1	10.7#





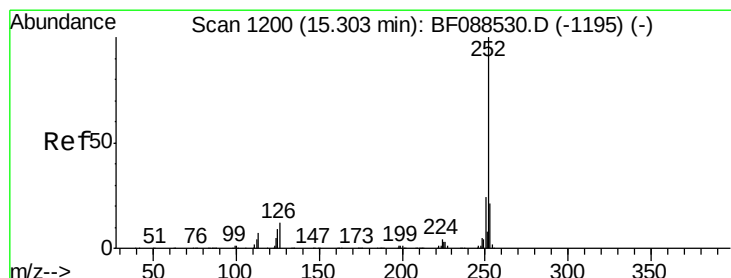
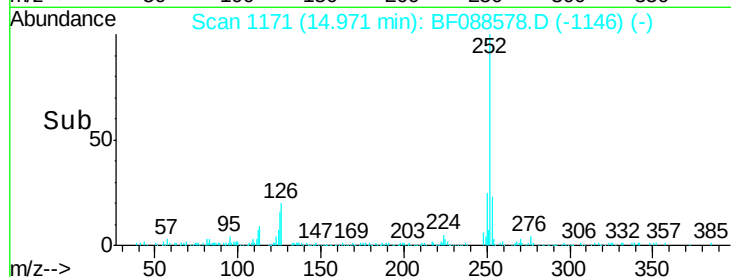
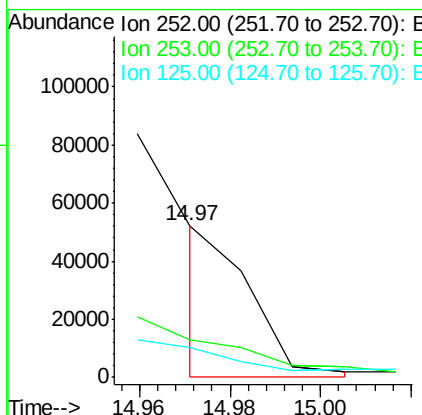
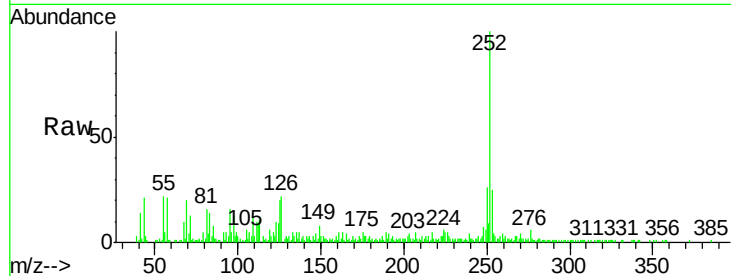
#88
Benzo(k)fluoranthene
Concen: 2.20 ng m
RT: 14.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF088578.D
Acq: 1 Jul 2016 16:48

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	19.8	11.2	16.8

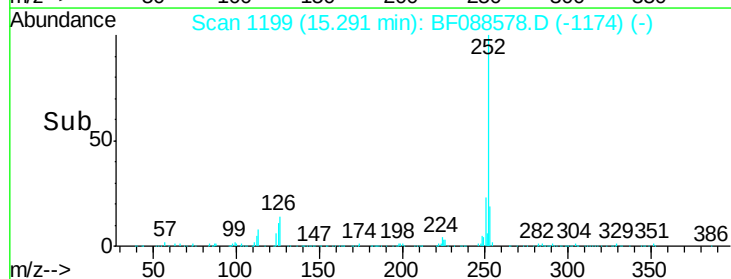
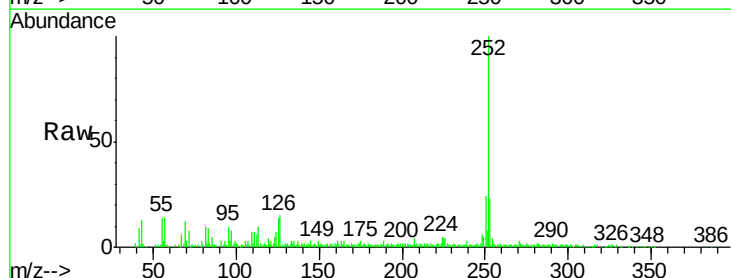
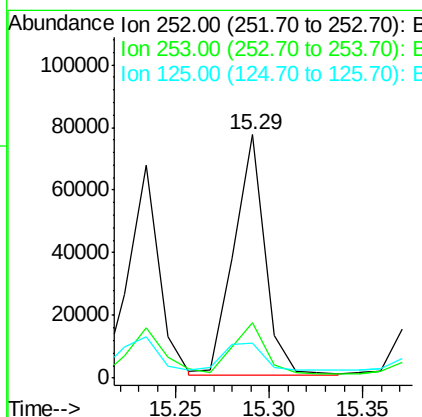
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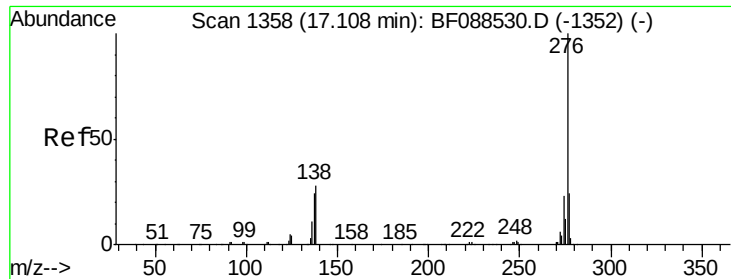
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#89
Benzo(a)pyrene
Concen: 6.94 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088578.D
Acq: 1 Jul 2016 16:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	14.5	12.5	18.7





#91
 Benzo(g,h,i)perylene
 Concen: 3.67 ng
 RT: 17.10 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF088578.D
 Acq: 1 Jul 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tgt Ion:	276	Resp:	41192
Ion Ratio		Lower	Upper
276	100		
277	26.1	18.9	28.3
138	27.3	21.4	32.2

Manual Integrations
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