

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088013.D
 Acq On : 14 Jun 2016 22:25
 Operator : UM/SJ
 Sample : H3489-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7-B5(0-6)C

Manual Integrations
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Quant Time: Jun 15 04:58:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 04:08:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	102062	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	404576	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	177436	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	266876	20.00	ng	0.00
75) Chrysene-d12	13.94	240	258985	20.00	ng	0.00
86) Perylene-d12	15.35	264	216434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	142036	23.79	ng	-0.01
7) Phenol-d6	6.41	99	224649	31.05	ng	-0.01
23) Nitrobenzene-d5	7.35	82	140582	20.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	8607	4.59	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	273710	20.00	ng	-0.01
78) Terphenyl-d14	12.89	244	208587	18.33	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	56165	4.37	ng	99
74) Fluoranthene	12.51	202	60738	4.11	ng	98
77) Pyrene	12.74	202	56427	2.94	ng	98
80) Benzo(a)anthracene	13.93	228	35222m	2.39	ng	
82) Chrysene	13.97	228	29099m	2.10	ng	
87) Benzo(b)fluoranthene	14.95	252	39410m	2.61	ng	
89) Benzo(a)pyrene	15.29	252	25597	2.10	ng	# 92

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

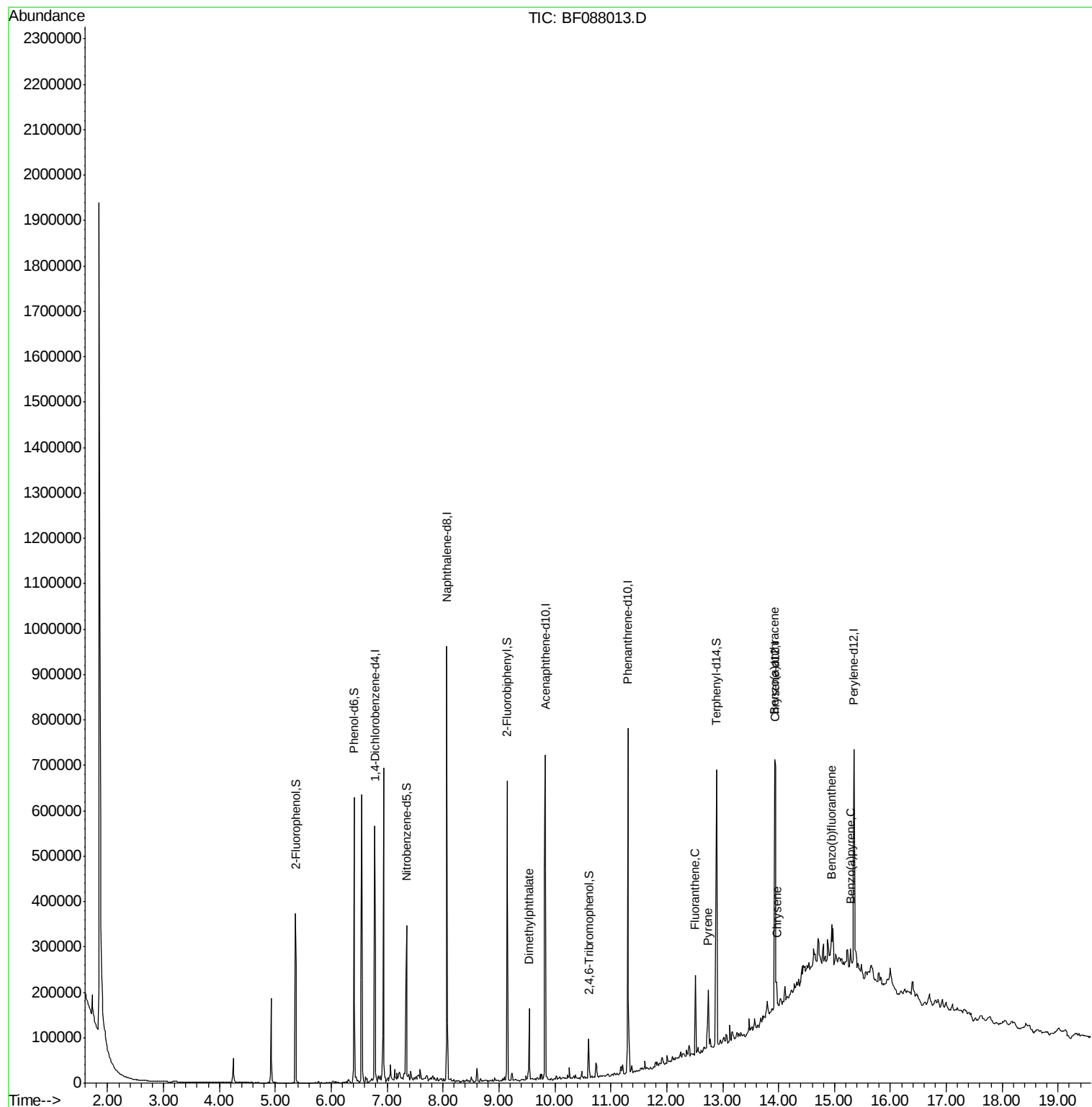
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
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#1

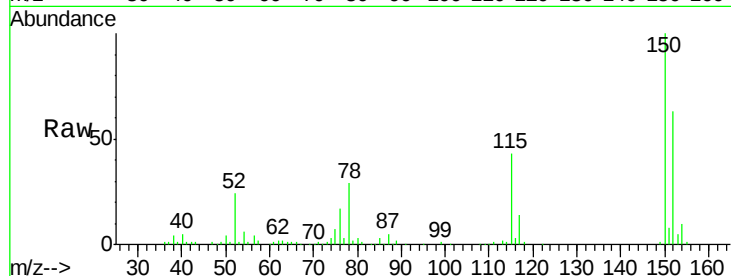
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF088013.D
Acq: 14 Jun 2016 22:25

Instrument :
BNA_F
ClientSampleId :
S7-B5(0-6)C

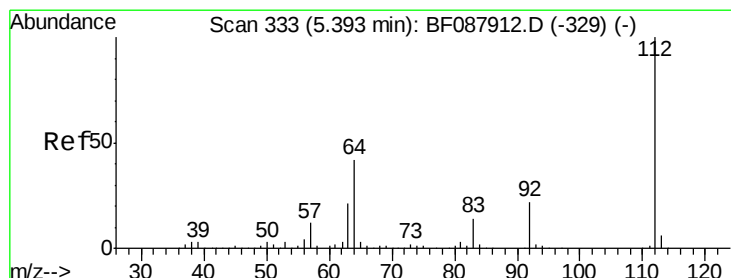
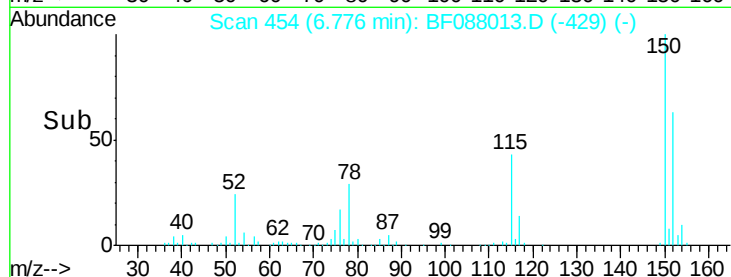
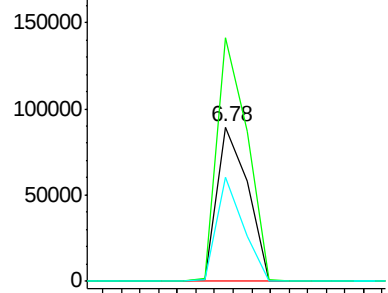
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.8	185.6
115	67.9	39.6	59.4

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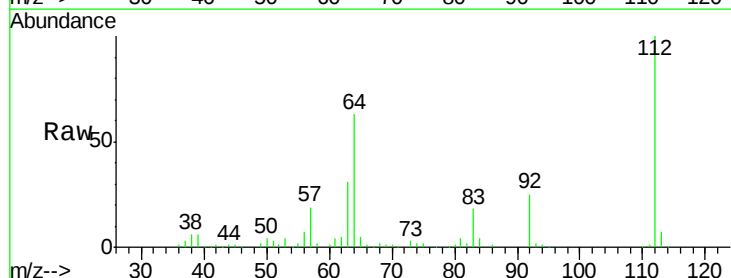
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



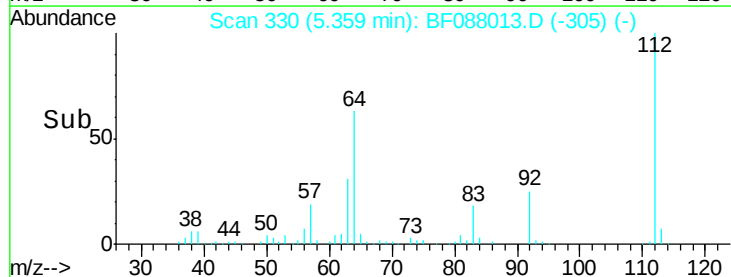
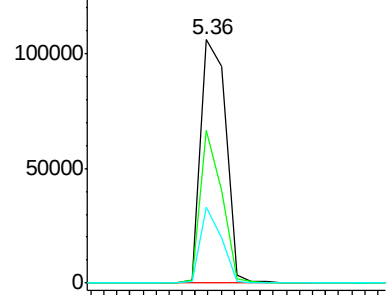
#5

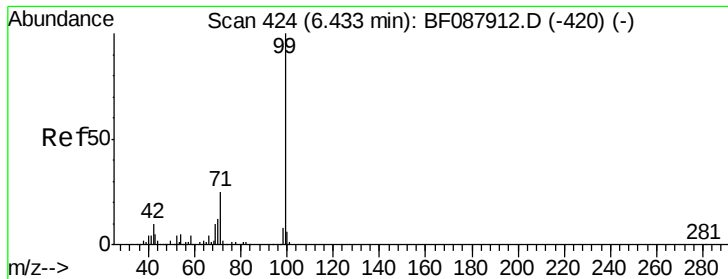
2-Fluorophenol
Concen: 23.79 ng
RT: 5.36 min Scan# 330
Delta R.T. -0.01 min
Lab File: BF088013.D
Acq: 14 Jun 2016 22:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	42.2	63.2
63	31.4	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: 31.05 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF088013.D

Acq: 14 Jun 2016 22:25

Instrument :

BNA_F

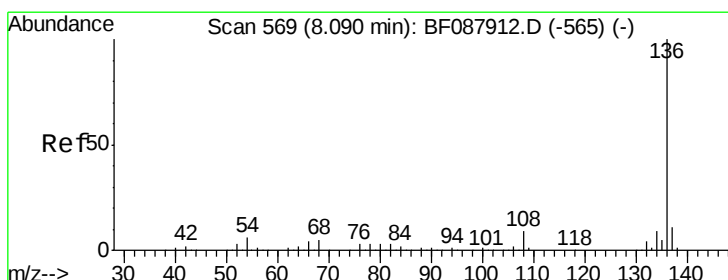
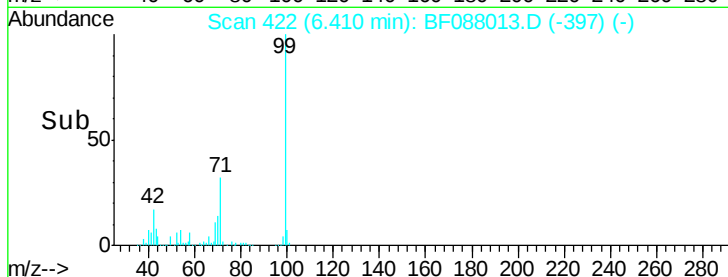
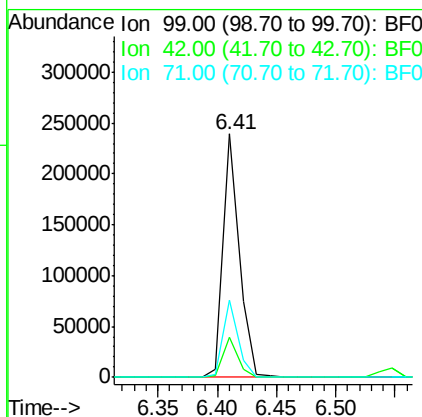
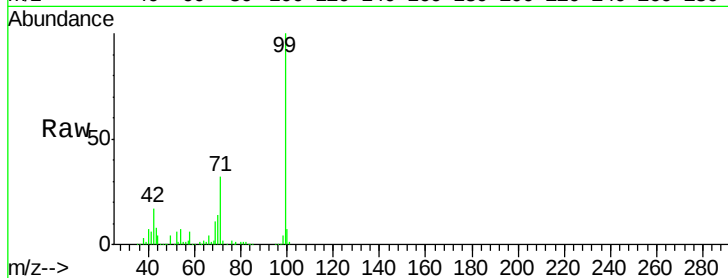
ClientSampleId :

S7-B5(0-6)C

Tot Ion:	99	Resp:	224649
Ion Ratio	Lower	Upper	
99	100		
42	16.7	12.2	18.2
71	31.7	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

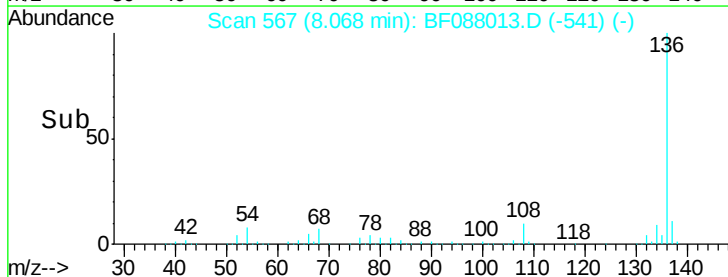
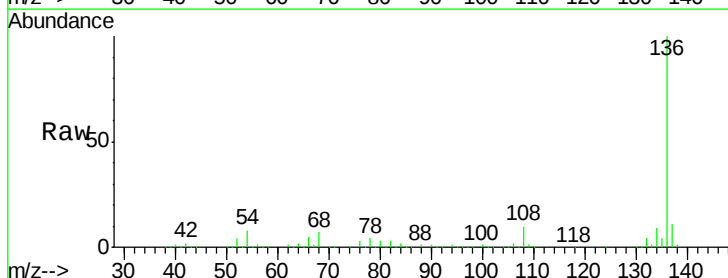
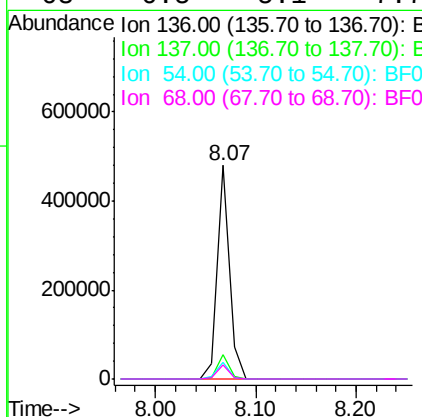
RT: 8.07 min Scan# 567

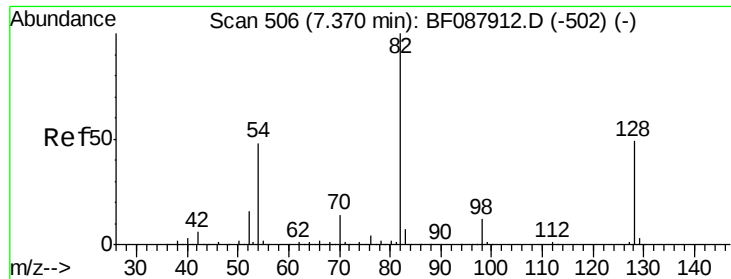
Delta R.T. 0.00 min

Lab File: BF088013.D

Acq: 14 Jun 2016 22:25

Tgt Ion:	136	Resp:	404576
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	7.9	6.6	10.0
68	6.5	5.1	7.7





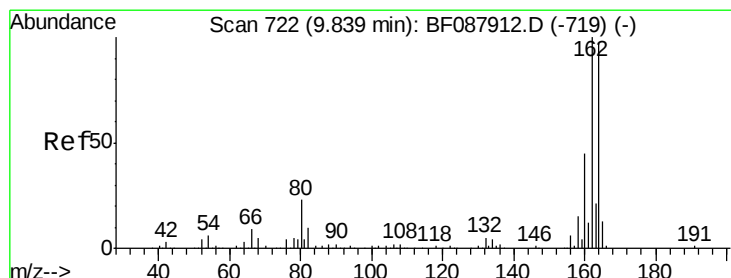
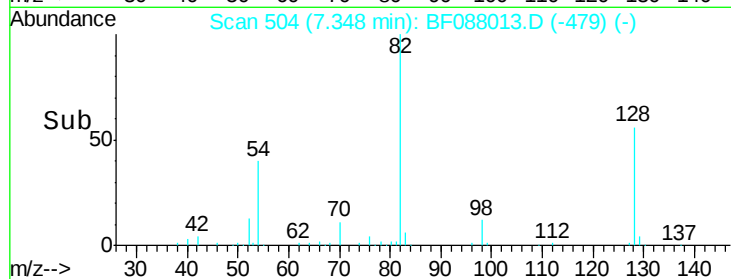
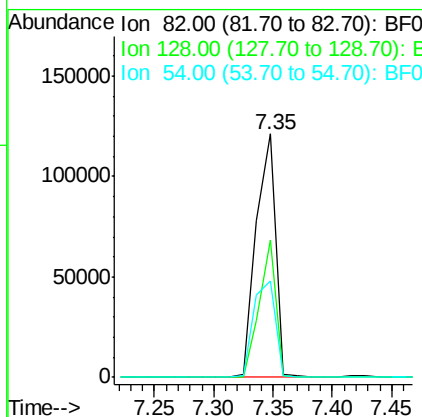
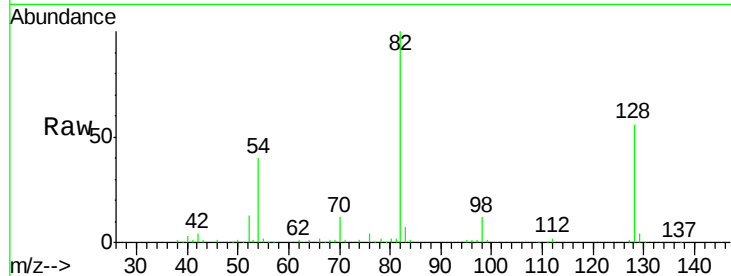
#23
 Nitrobenzene-d5
 Concen: 20.29 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF088013.D
 Acq: 14 Jun 2016 22:25

Instrument :
 BNA_F
 ClientSampleId :
 S7-B5(0-6)C

Tot Ion	Ratio	Lower	Upper
82	100		
128	56.4	35.9	53.9#
54	39.8	40.9	61.3#

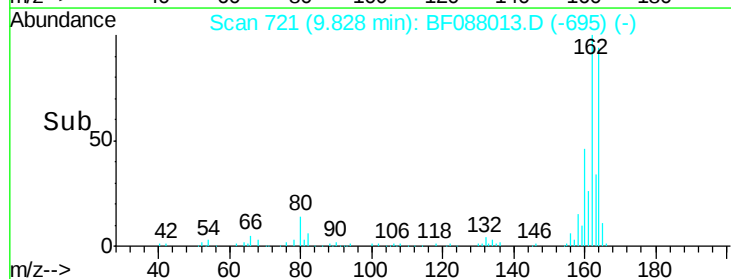
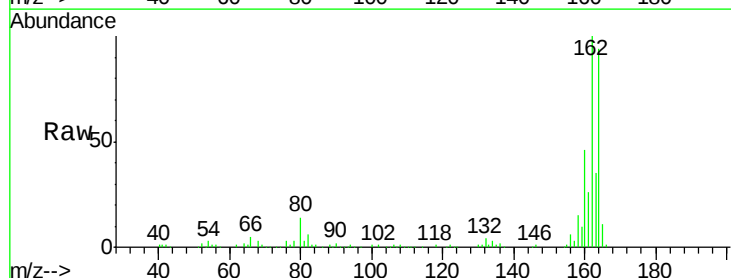
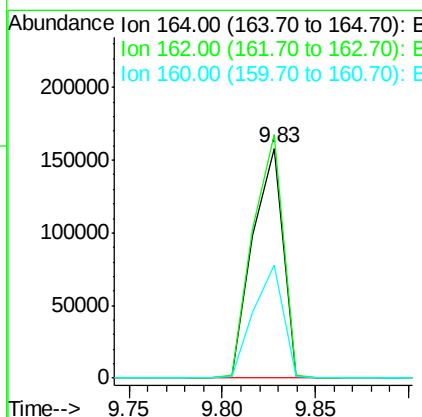
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF088013.D
 Acq: 14 Jun 2016 22:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.4	128.2
160	49.1	39.5	59.3





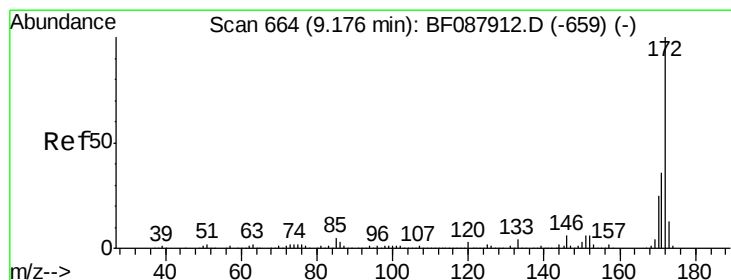
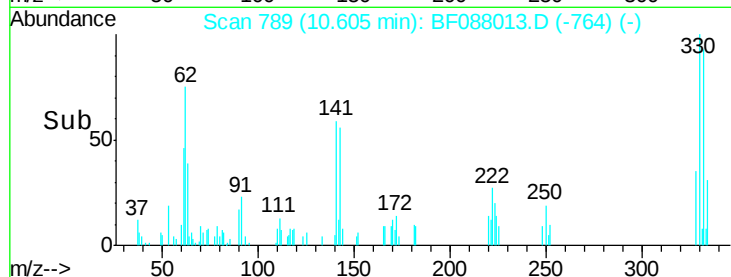
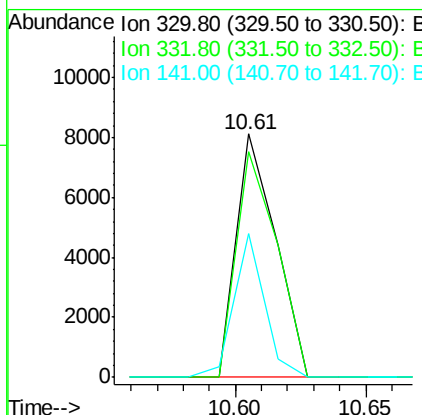
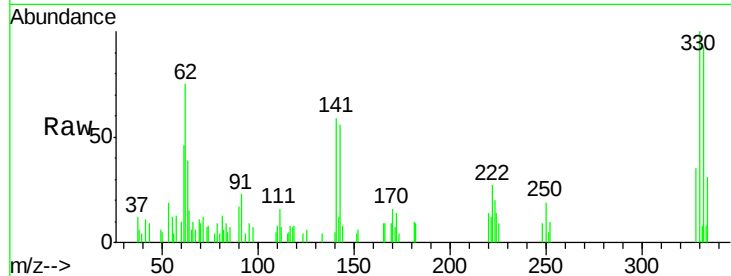
#41
 2,4,6-Tribromophenol
 Concen: 4.59 ng
 RT: 10.61 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF088013.D
 Acq: 14 Jun 2016 22:25

Instrument :
 BNA_F
 ClientSampleId :
 S7-B5(0-6)C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	8607		
332	95.3	0.0	0.0	0.0
141	46.3	0.0	0.0	0.0

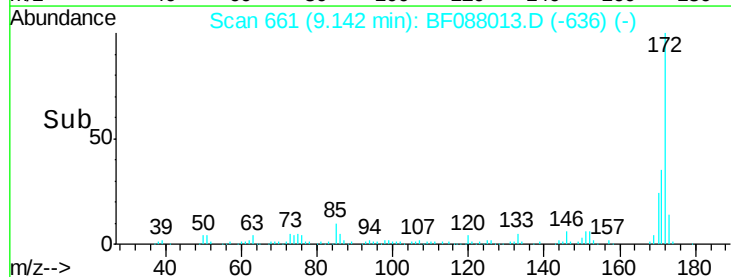
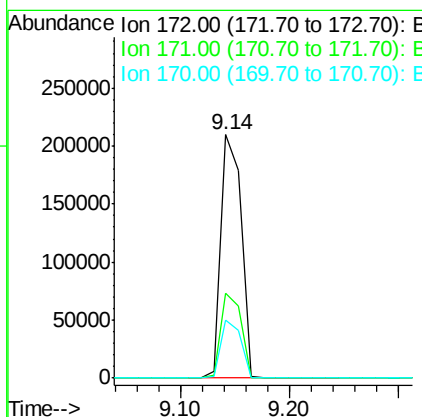
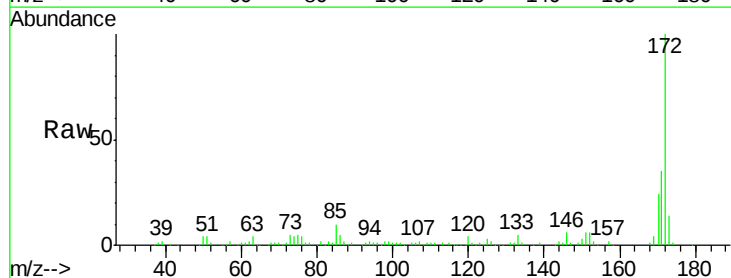
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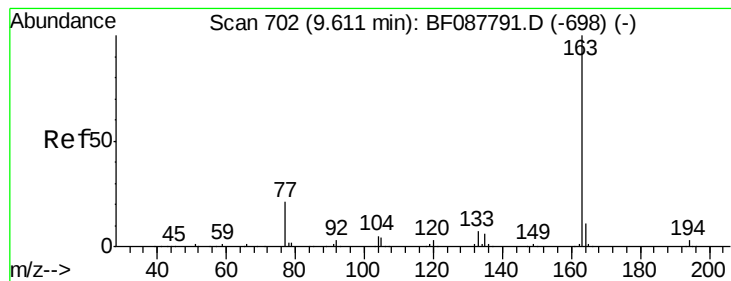
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#44
 2-Fluorobiphenyl
 Concen: 20.00 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF088013.D
 Acq: 14 Jun 2016 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	273710		
171	35.1	28.6	43.0	
170	23.6	19.2	28.8	





#49

Dimethylphthalate

Concen: 4.37 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF088013.D

Acq: 14 Jun 2016 22:25

Instrument :

BNA_F

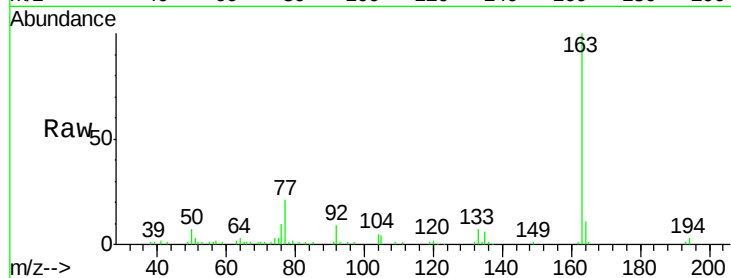
ClientSampleId :

S7-B5(0-6)C

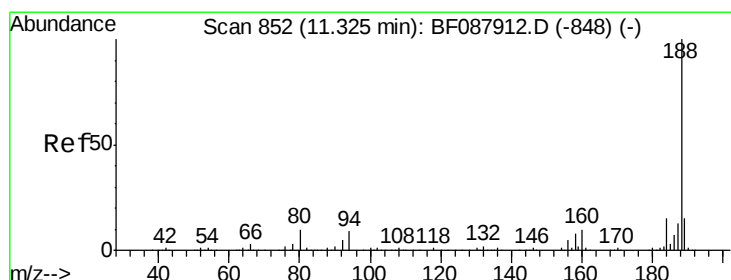
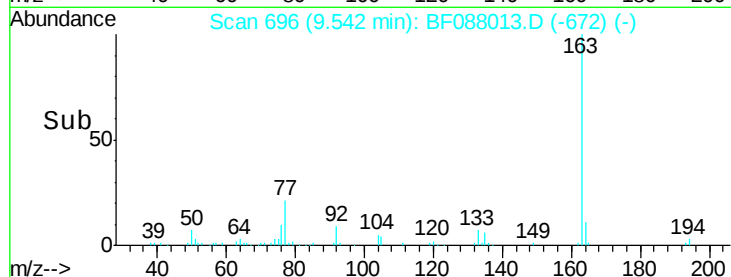
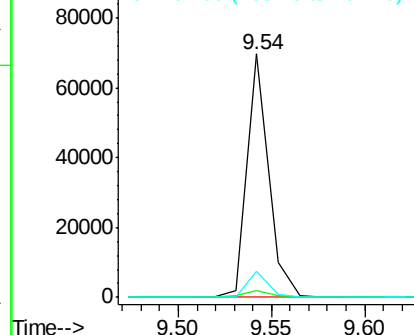
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Tot Ion:	163	Resp:	56165
Ion Ratio	Lower	Upper	
163	100		
194	2.9	2.8	4.2
164	10.5	8.3	12.5



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

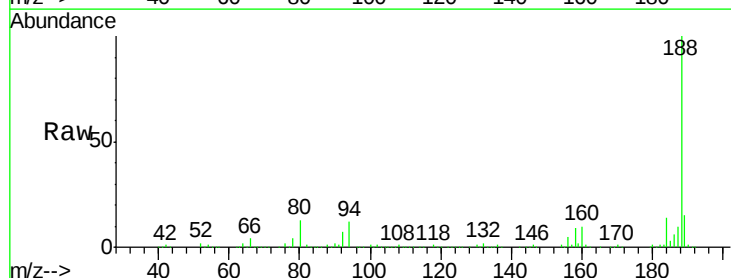
RT: 11.30 min Scan# 850

Delta R.T. 0.00 min

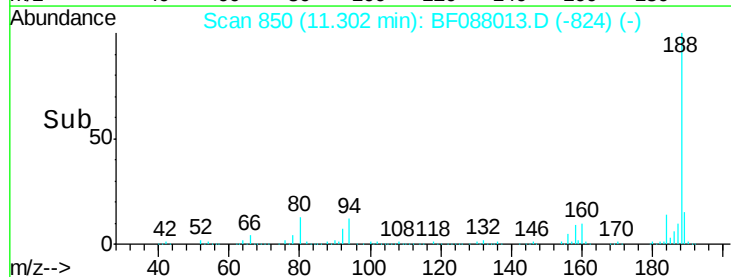
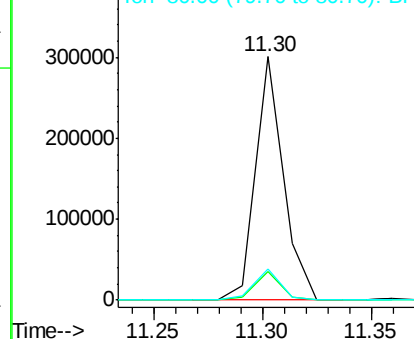
Lab File: BF088013.D

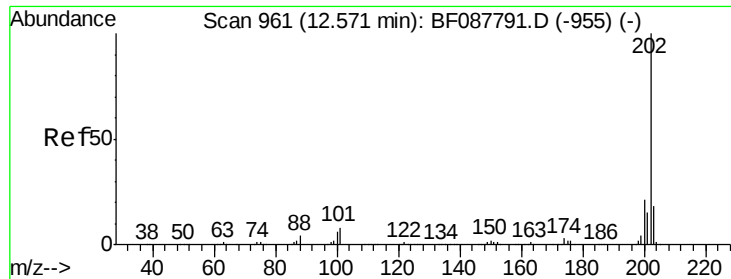
Acq: 14 Jun 2016 22:25

Tgt Ion:	188	Resp:	266876
Ion Ratio	Lower	Upper	
188	100		
94	11.8	9.0	13.6
80	12.7	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: 4.11 ng

RT: 12.51 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF088013.D

Acq: 14 Jun 2016 22:25

Instrument :

BNA_F

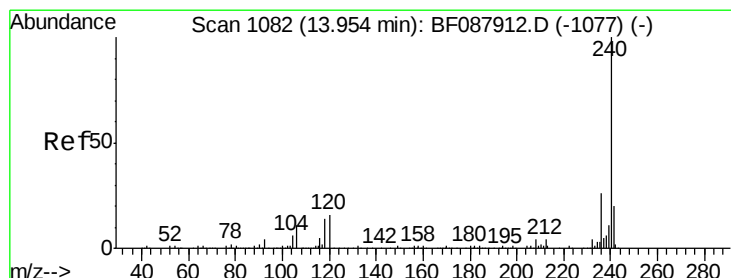
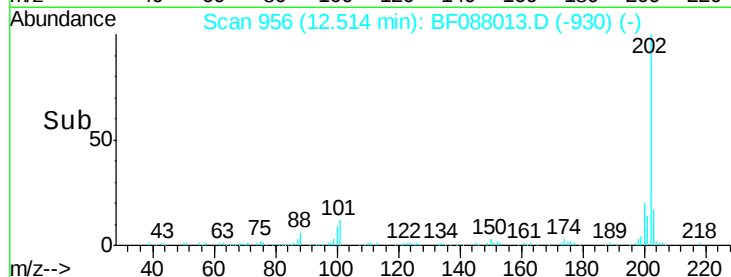
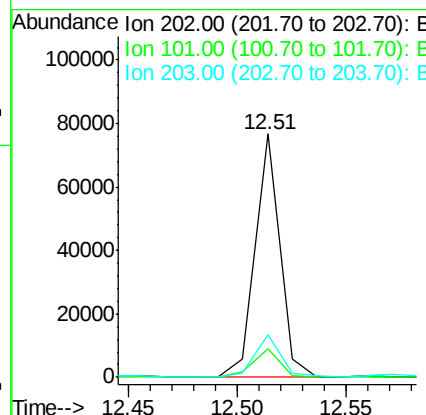
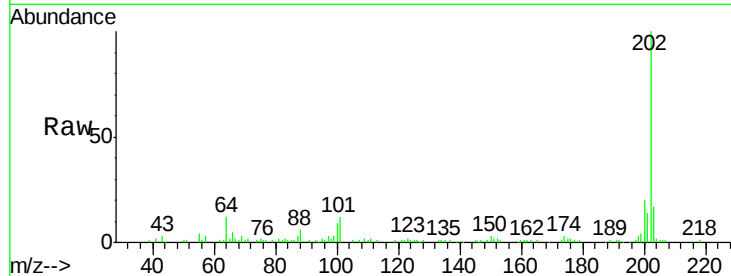
ClientSampleId :

S7-B5(0-6)C

Tot Ion	Ratio	Resp	Lower	Upper
202	100	60738		
101	11.8	0.0	33.1	
203	17.5	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

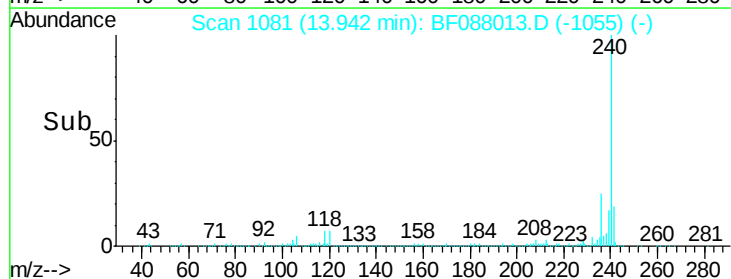
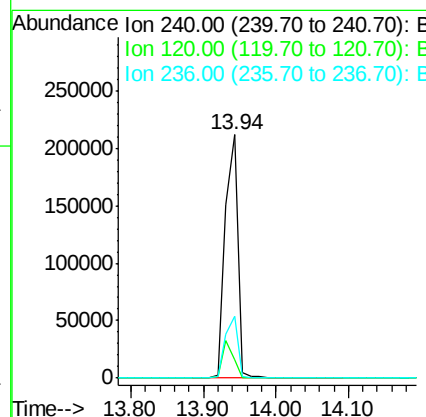
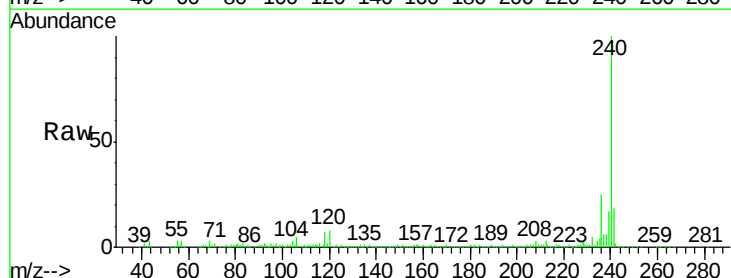
RT: 13.94 min Scan# 1081

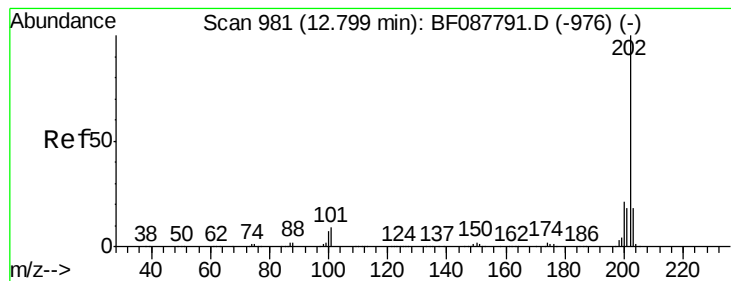
Delta R.T. 0.00 min

Lab File: BF088013.D

Acq: 14 Jun 2016 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	258985		
120	7.7	6.8	10.2	
236	25.5	20.2	30.2	





#77

Pvrene

Concen: 2.94 ng

RT: 12.74 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF088013.D

Acq: 14 Jun 2016 22:25

Instrument :

BNA_F

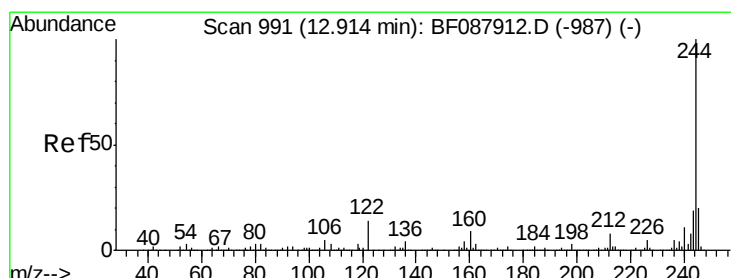
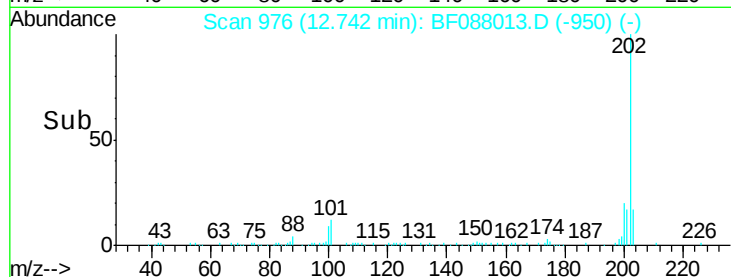
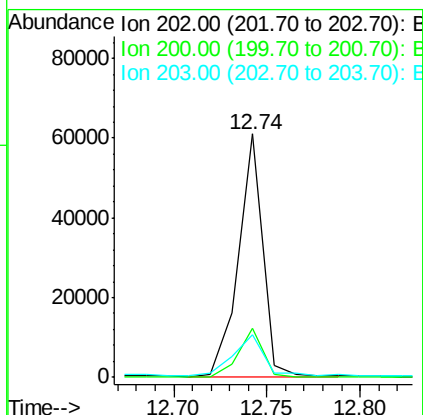
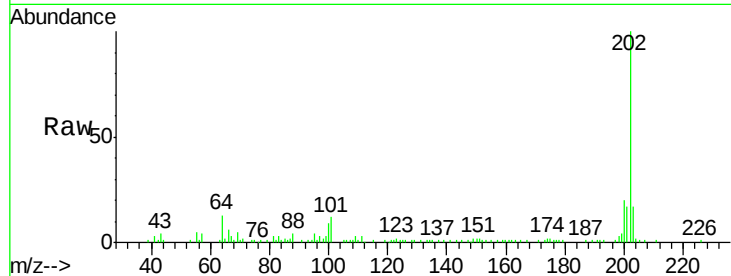
ClientSampleId :

S7-B5(0-6)C

Tot Ion:	202	Resp:	56427
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.4	26.2
203	17.5	14.5	21.7

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#78

Terphenyl-d14

Concen: 18.33 ng

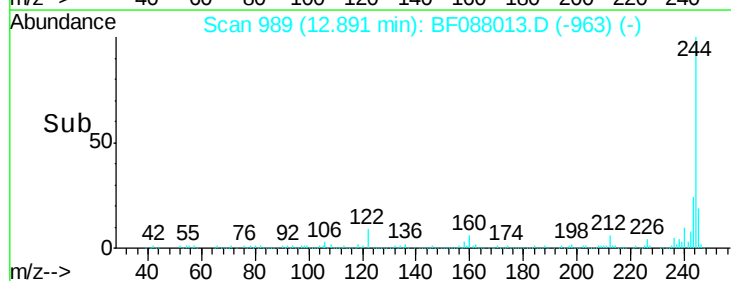
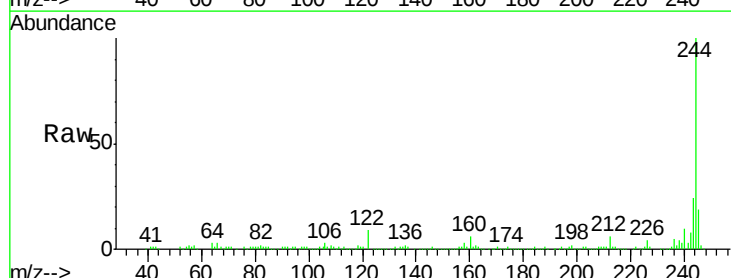
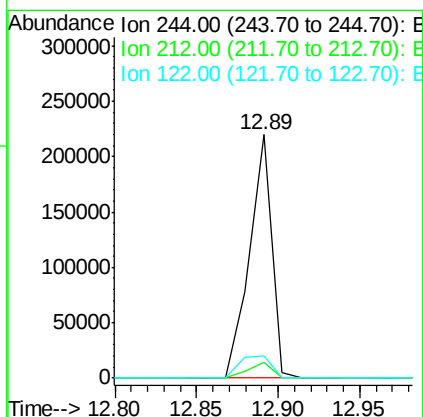
RT: 12.89 min Scan# 989

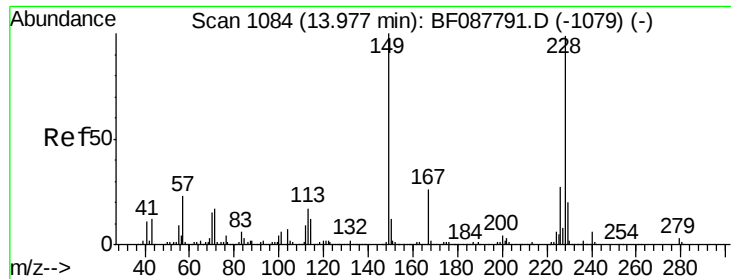
Delta R.T. 0.00 min

Lab File: BF088013.D

Acq: 14 Jun 2016 22:25

Tgt Ion:	244	Resp:	208587
Ion Ratio	Lower	Upper	
244	100		
212	6.3	6.0	9.0
122	9.1	11.2	16.8#





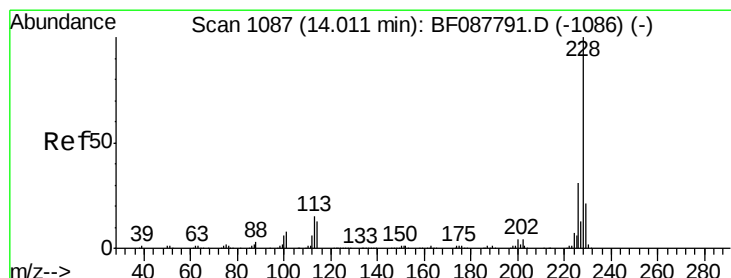
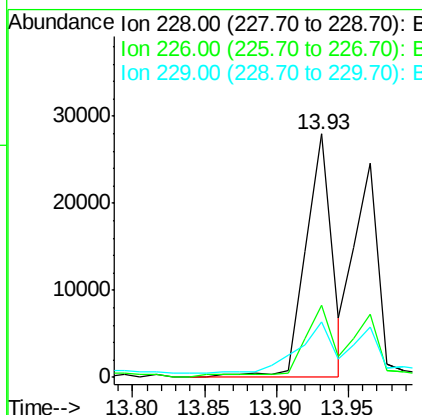
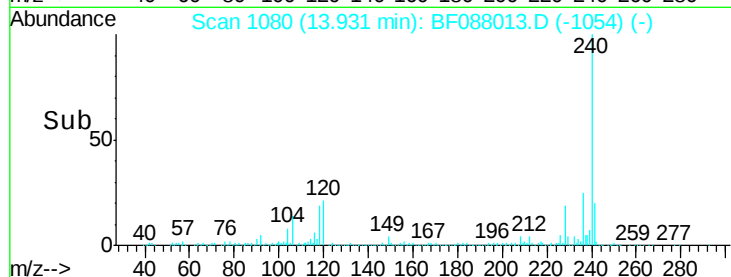
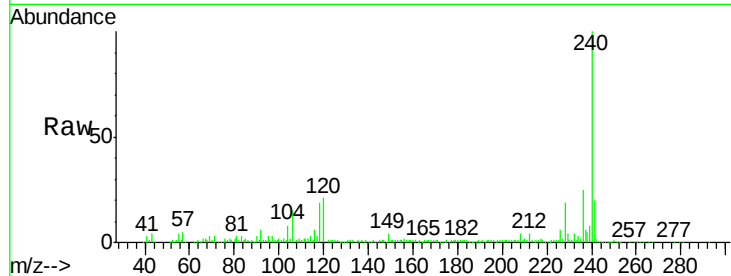
#80
Benzo(a)anthracene
Concen: 2.39 ng m
RT: 13.93 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BF088013.D
Acq: 14 Jun 2016 22:25

Instrument :
BNA_F
ClientSampleId :
S7-B5(0-6)C

Tot Ion:	228	Resp:	35222
Ion Ratio	Lower	Upper	
228	100		
226	29.7	22.3	33.5
229	22.5	16.0	24.0

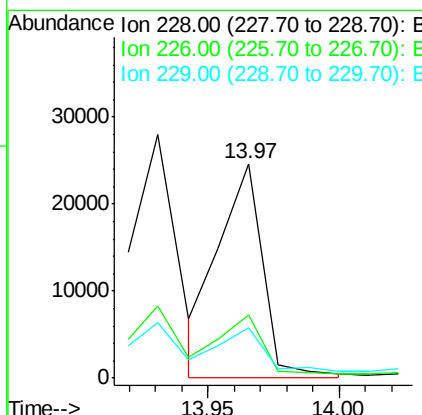
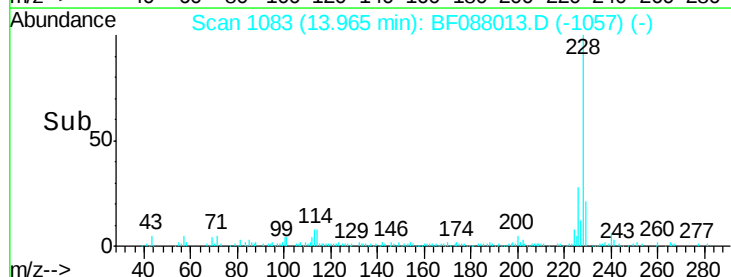
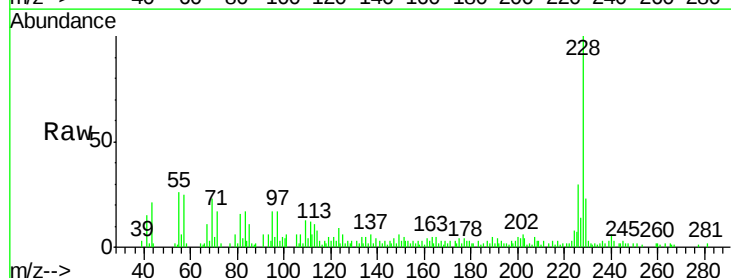
Manual Integrations
APPROVED

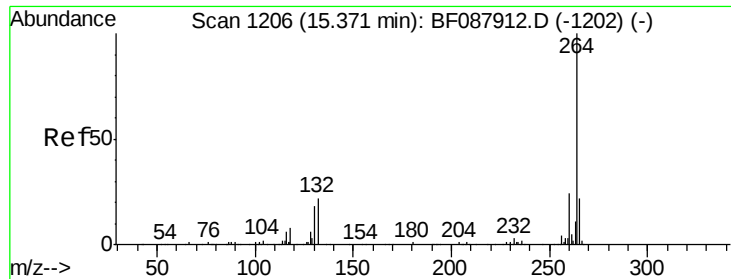
sohil
6/15/2016 6:45:22 PM



#82
Chrysene
Concen: 2.10 ng m
RT: 13.97 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF088013.D
Acq: 14 Jun 2016 22:25

Tgt Ion:	228	Resp:	29099
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.4	38.2
229	23.4	16.3	24.5





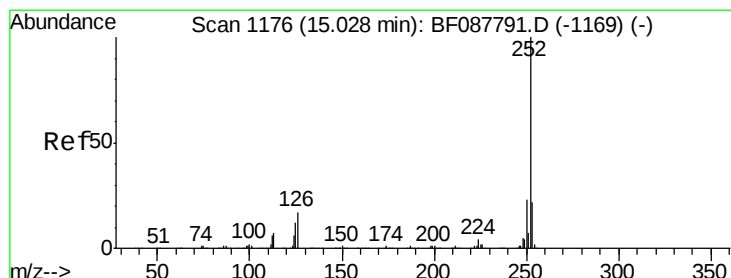
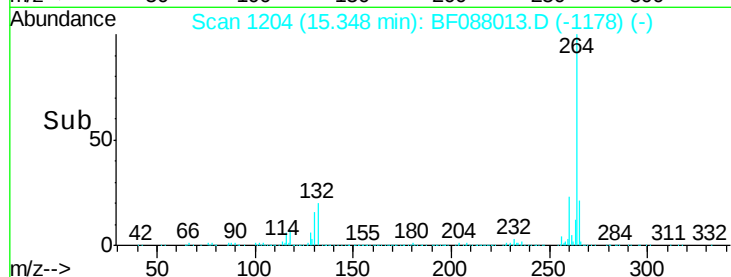
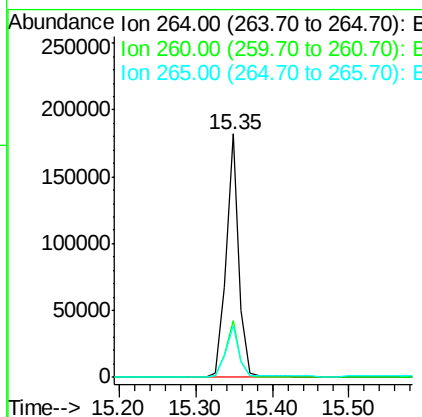
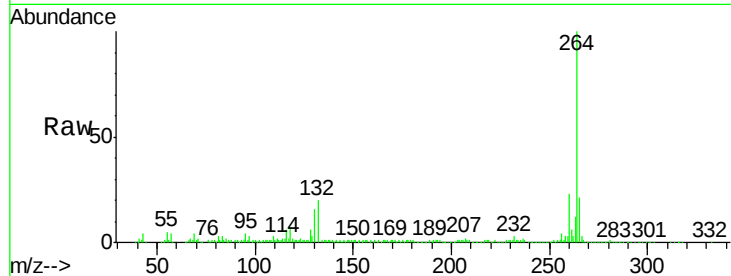
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF088013.D
Acq: 14 Jun 2016 22:25

Instrument :
BNA_F
ClientSampleId :
S7-B5(0-6)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	16.9	25.3

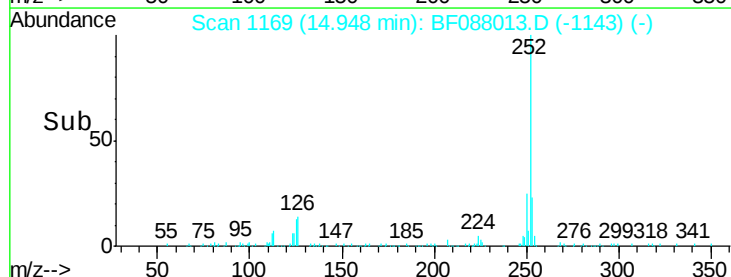
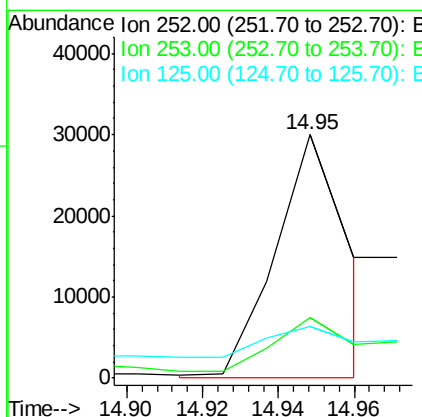
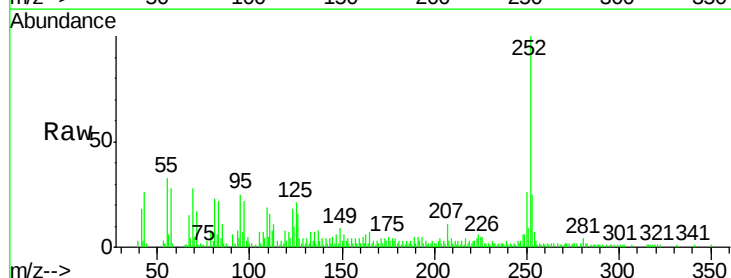
Manual Integrations
APPROVED

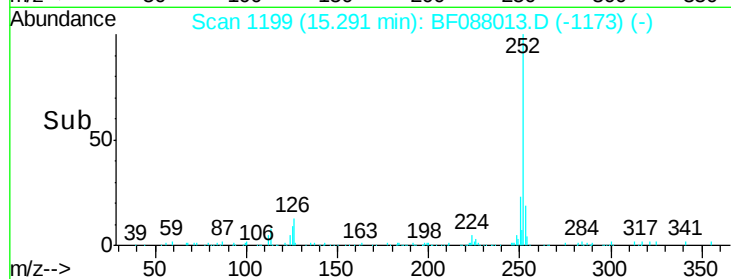
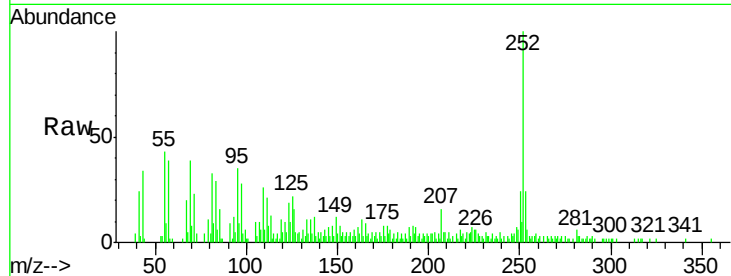
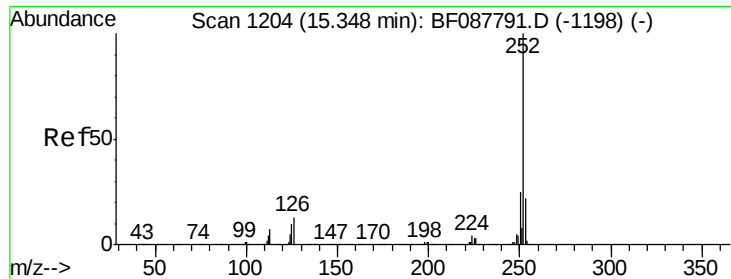
sohil
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#87
Benzo(b)fluoranthene
Concen: 2.61 ng m
RT: 14.95 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF088013.D
Acq: 14 Jun 2016 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.2
125	21.2	7.1	10.7#





#89

Benzo(a)pyrene

Concen: 2.10 ng

RT: 15.29 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF088013.D

Acq: 14 Jun 2016 22:25

Instrument :

BNA_F

ClientSampleId :

S7-B5(0-6)C

Tot Ion:	252	Resp:	25597
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.9	26.9
125	21.7	12.5	18.7#

Manual Integrations
APPROVED

sohil
6/15/2016 6:45:22 PM

