

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
 Data File : BF087801.D
 Acq On : 7 Jun 2016 22:49
 Operator : UM/SJ
 Sample : H3379-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

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Quant Time: Jun 08 05:12:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	99002	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	418941	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	188618	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	301447	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	204853	20.00	ng	-0.01
86) Perylene-d12	15.39	264	214050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	678054	117.08	ng	0.01
7) Phenol-d6	6.48	99	996388	141.97	ng	0.00
23) Nitrobenzene-d5	7.40	82	549223	76.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	215748	108.33	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	890614	73.42	ng	-0.01
78) Terphenyl-d14	12.94	244	657552	73.04	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	119321	8.73	ng	99
70) Phenanthrene	11.37	178	282275	17.84	ng	99
71) Anthracene	11.43	178	94237	5.91	ng	98
74) Fluoranthene	12.56	202	424443	25.43	ng	100
77) Pyrene	12.79	202	440686	28.99	ng	100
80) Benzo(a)anthracene	13.97	228	240569	20.61	ng	98
82) Chrysene	14.00	228	172419m	15.70	ng	
85) Indeno(1,2,3-cd)pyrene	16.77	276	125477	12.30	ng	# 100
87) Benzo(b)fluoranthene	14.99	252	262435m	17.59	ng	
88) Benzo(k)fluoranthene	15.02	252	98943m	8.79	ng	
89) Benzo(a)pyrene	15.34	252	206027	17.07	ng	97
90) Dibenzo(a,h)anthracene	16.78	278	32968m	2.94	ng	
91) Benzo(a,h,i)perylene	17.19	276	119569	10.37	ng	95

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

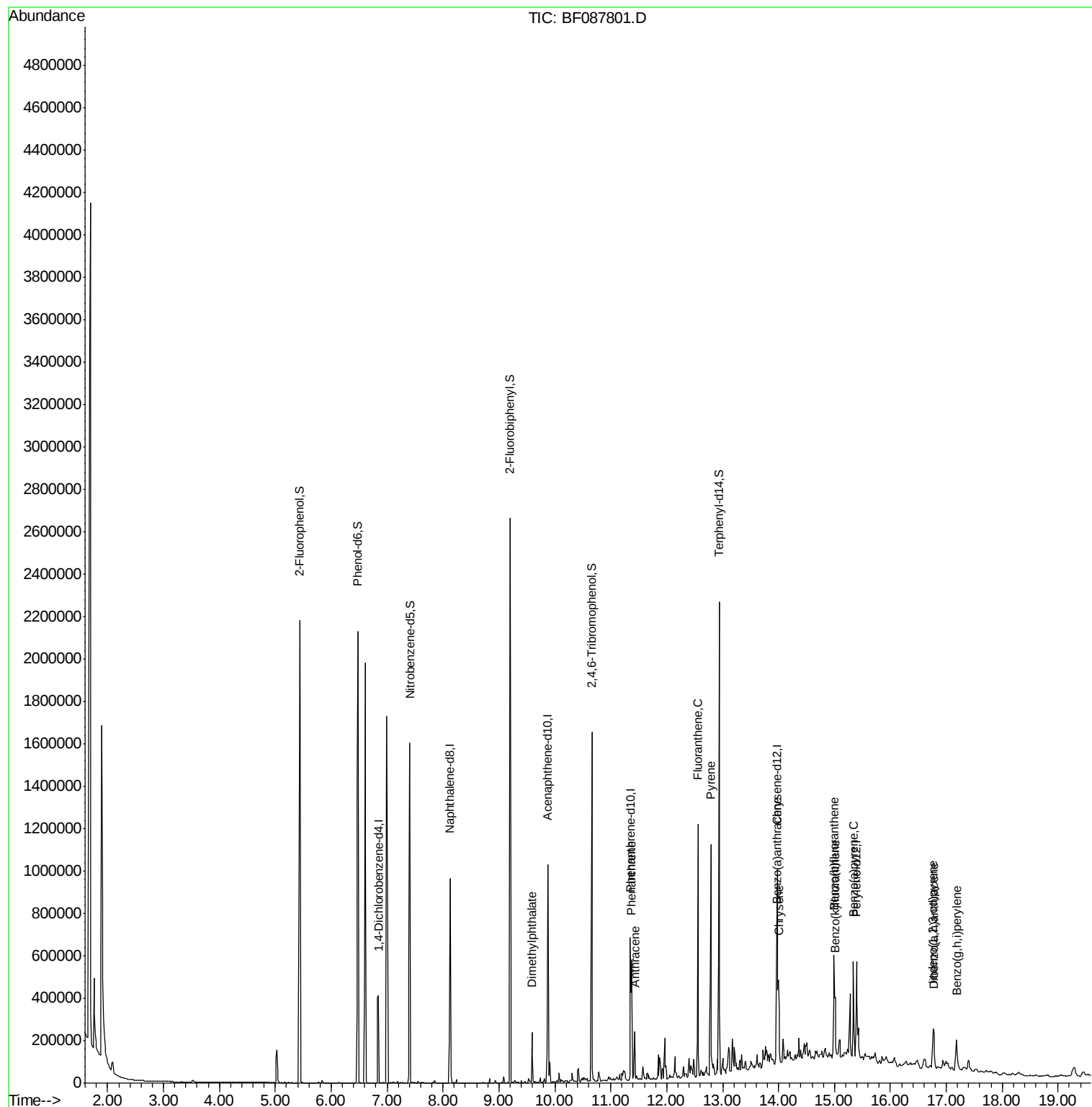
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
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ALS Vial : 16 Sample Multiplier: 1

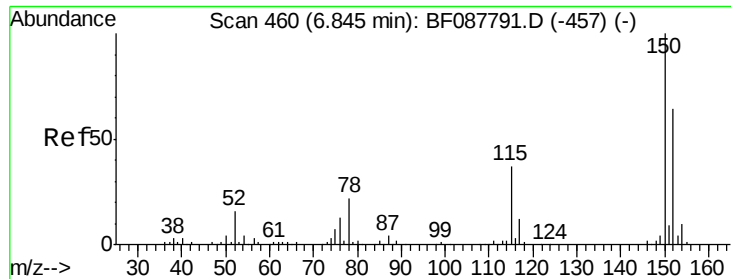
Instrument :
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#1

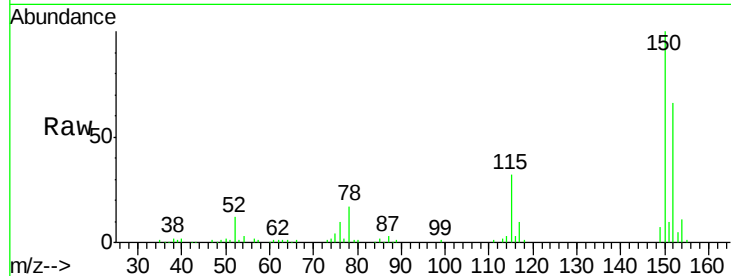
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF087801.D
Acq: 7 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
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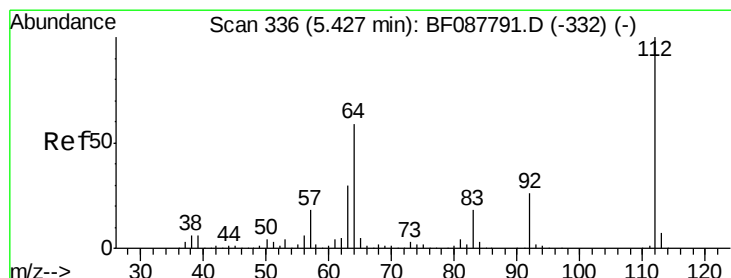
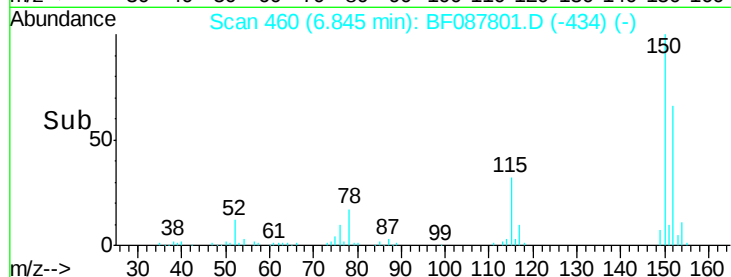
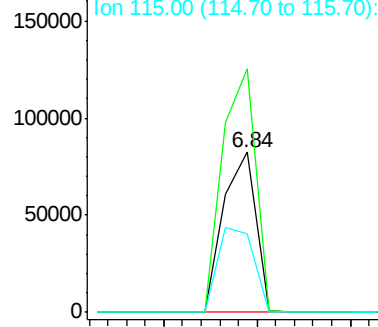
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	123.8	185.6
115	48.8	39.6	59.4

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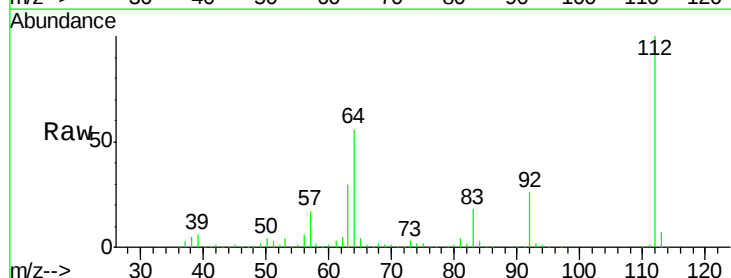
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



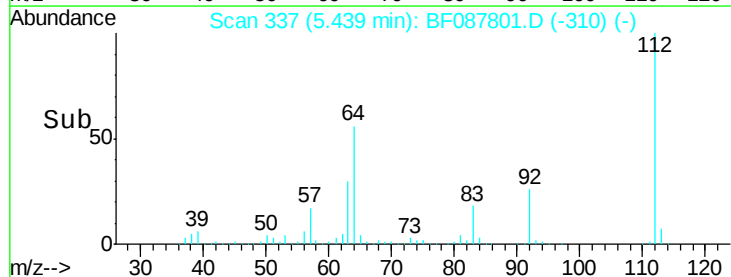
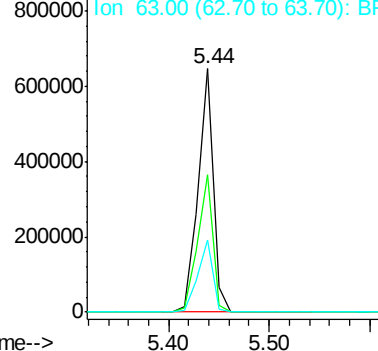
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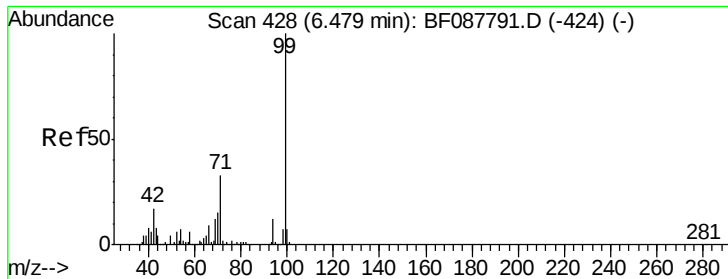
2-Fluorophenol
Concen: 117.08 ng
RT: 5.44 min Scan# 337
Delta R.T. 0.01 min
Lab File: BF087801.D
Acq: 7 Jun 2016 22:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	42.2	63.2
63	29.7	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: 141.97 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF087801.D

Acq: 7 Jun 2016 22:49

Instrument :

BNA_F

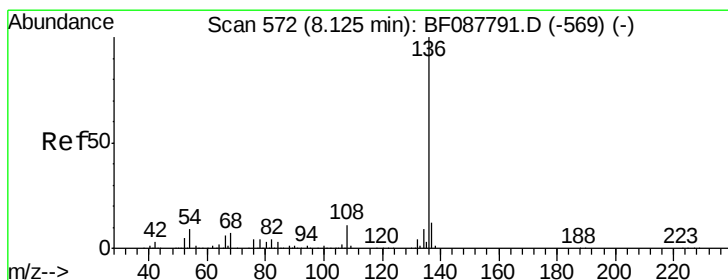
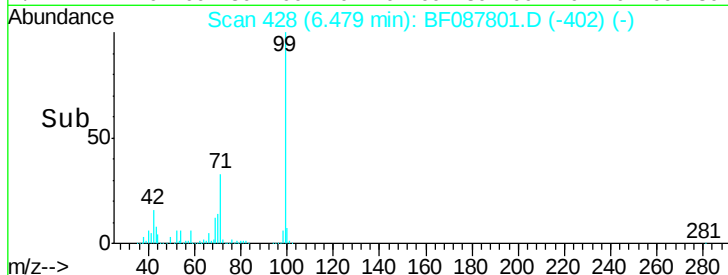
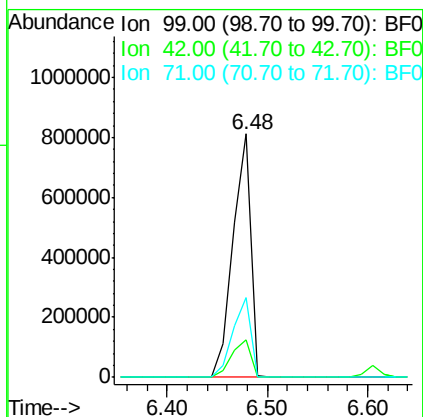
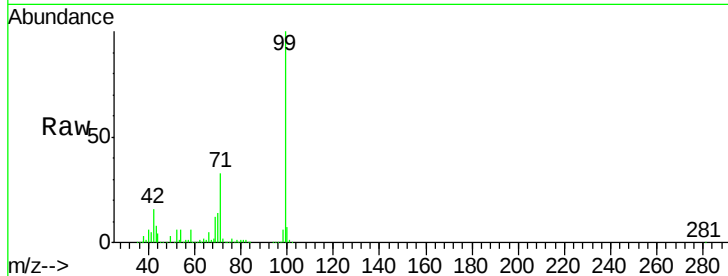
ClientSampleId :

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Tot Ion:	99	Resp:	996388
Ion Ratio	Lower	Upper	
99	100		
42	15.6	12.2	18.2
71	32.7	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

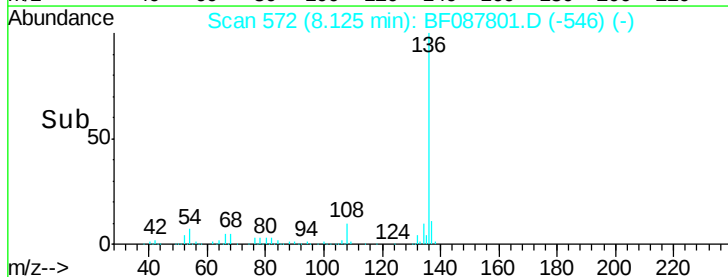
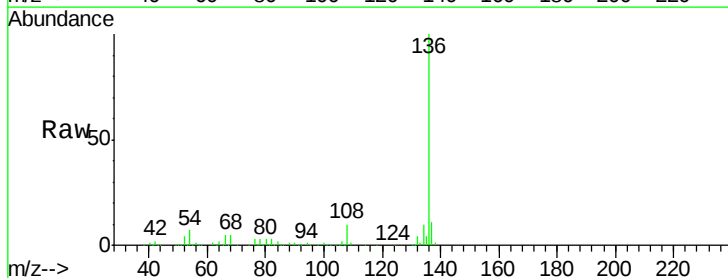
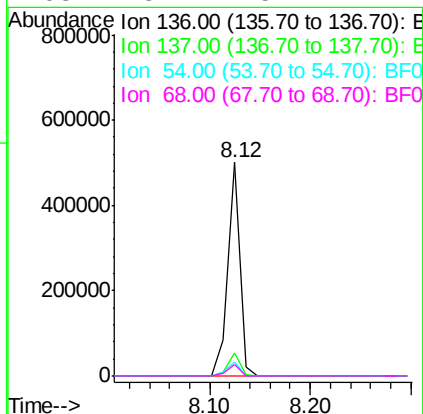
RT: 8.12 min Scan# 572

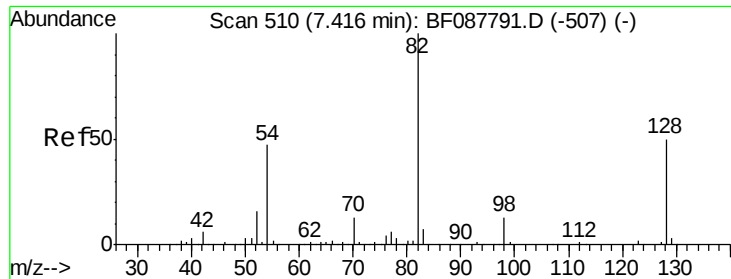
Delta R.T. 0.00 min

Lab File: BF087801.D

Acq: 7 Jun 2016 22:49

Tgt Ion:	136	Resp:	418941
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	6.8	6.6	10.0
68	5.4	5.1	7.7





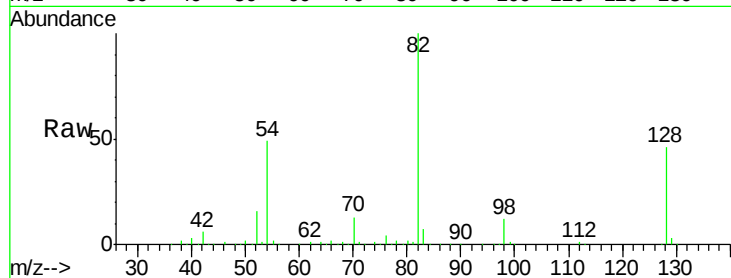
#23
 Nitrobenzene-d5
 Concen: 76.55 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF087801.D
 Acq: 7 Jun 2016 22:49

Instrument :
 BNA_F
 ClientSampled :
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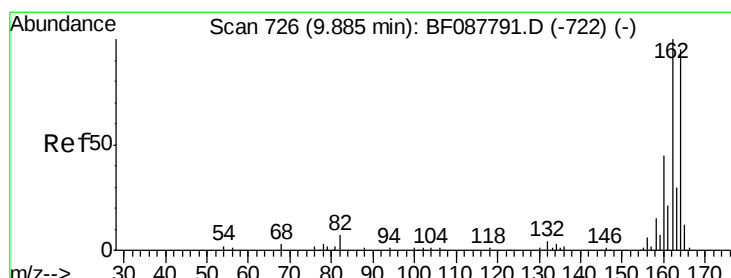
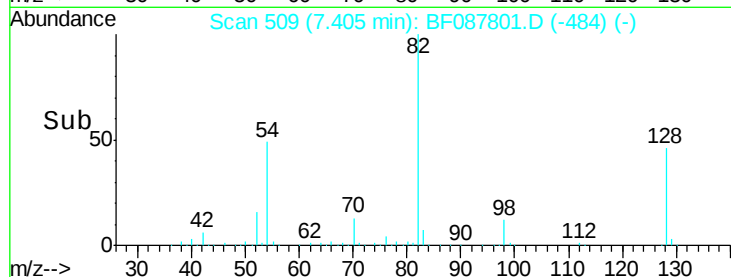
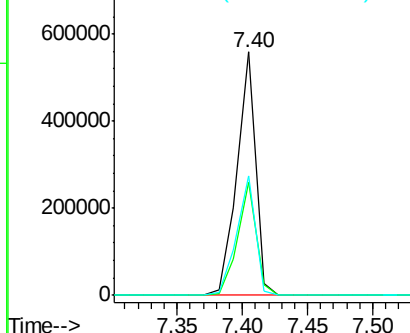
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.9	53.9
54	49.0	40.9	61.3

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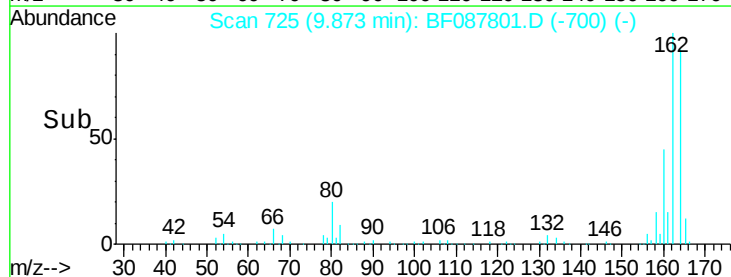
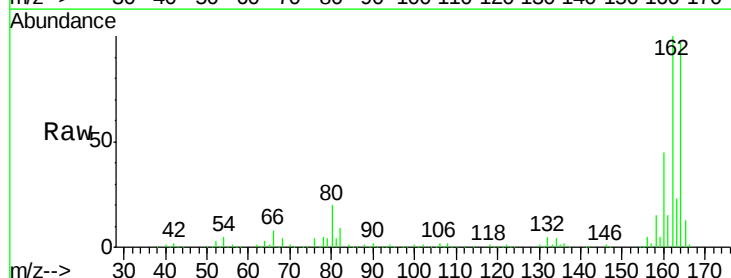
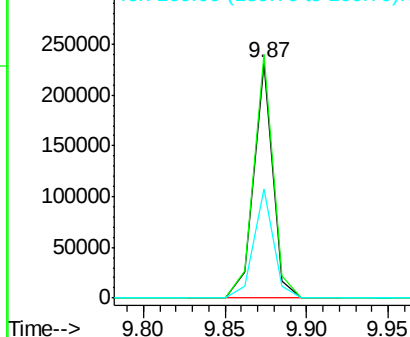
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

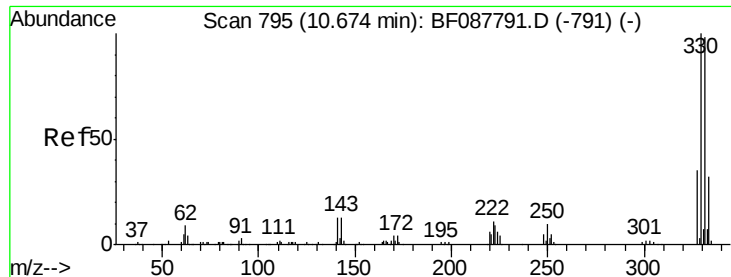


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF087801.D
 Acq: 7 Jun 2016 22:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	46.3	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





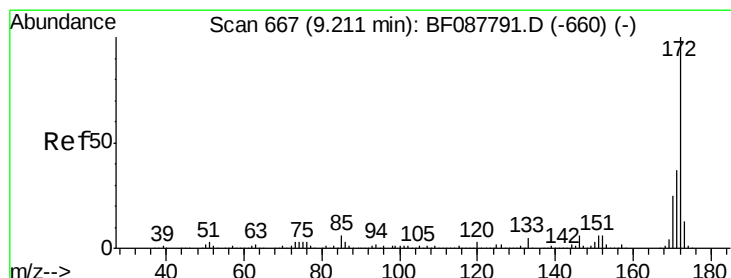
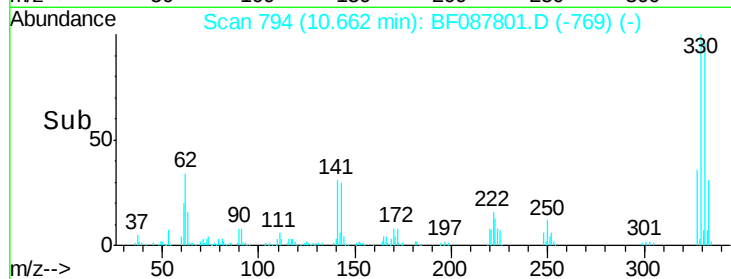
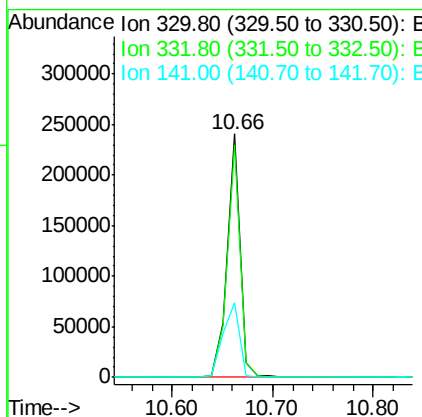
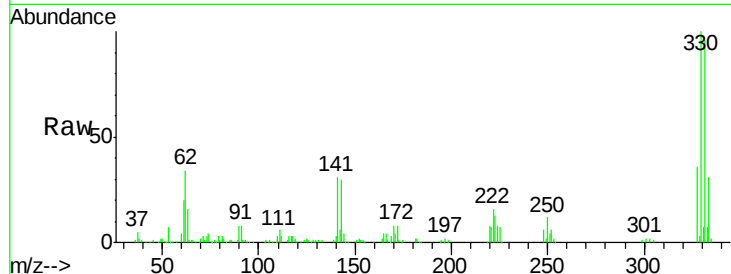
#41
 2,4,6-Tribromophenol
 Concen: 108.33 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087801.D
 Acq: 7 Jun 2016 22:49

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	38.8	0.0	0.0#

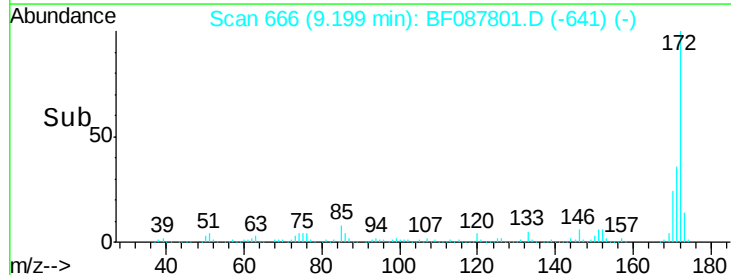
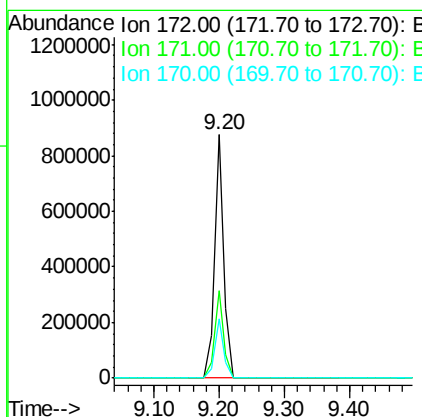
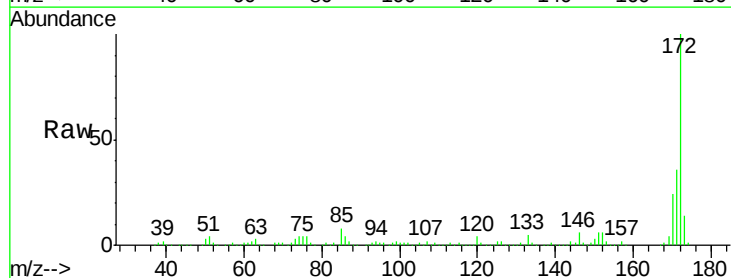
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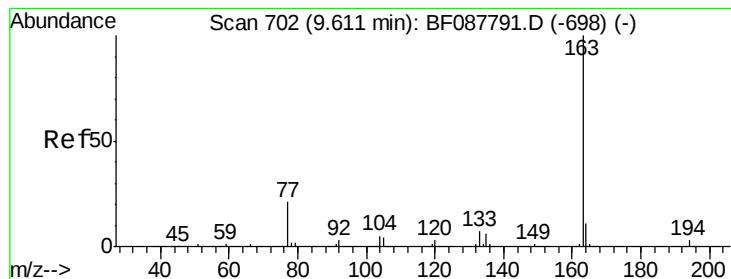
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#44
 2-Fluorobiphenyl
 Concen: 73.42 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087801.D
 Acq: 7 Jun 2016 22:49

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.3	19.2	28.8





#49

Dimethylphthalate

Concen: 8.73 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF087801.D

Acq: 7 Jun 2016 22:49

Instrument :

BNA_F

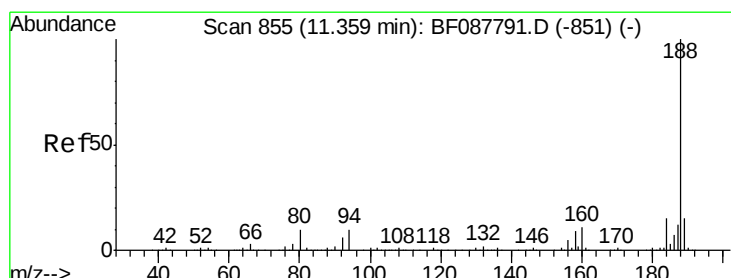
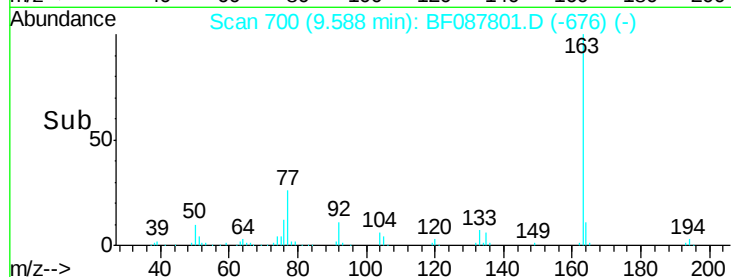
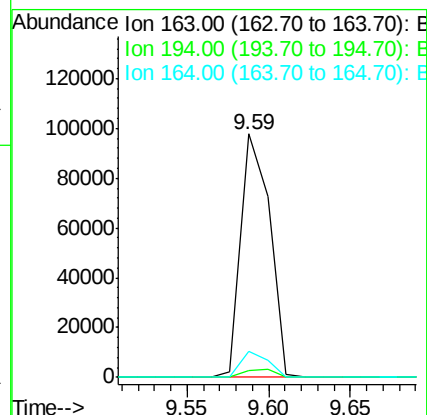
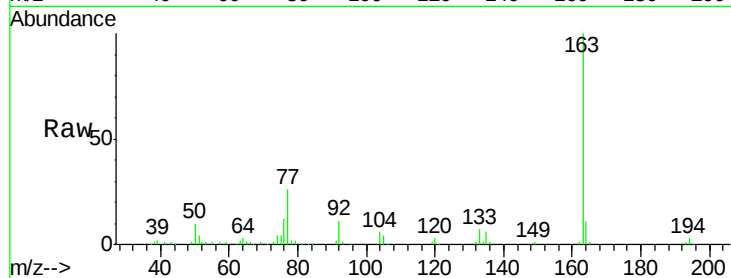
ClientSampleId :

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Tot Ion:	163	Resp:	119321
Ion Ratio	Lower	Upper	
163	100		
194	2.9	2.8	4.2
164	10.8	8.3	12.5

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#63

Phenanthrene-d10

Concen: 20.00 ng

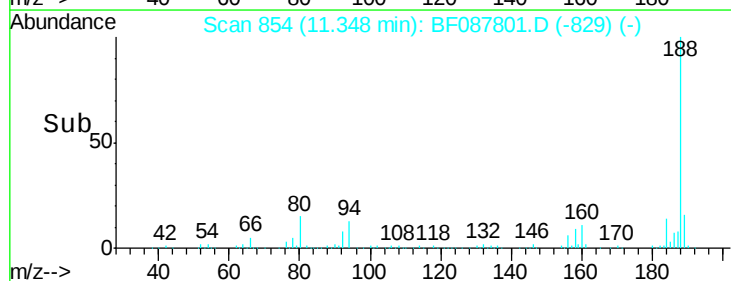
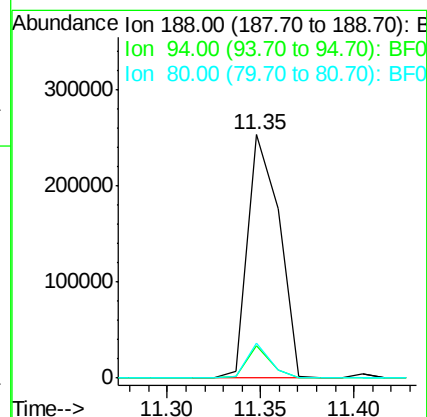
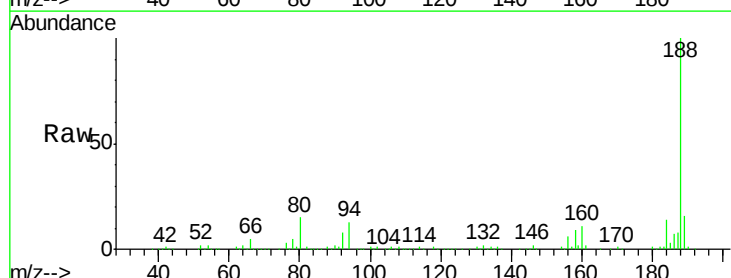
RT: 11.35 min Scan# 854

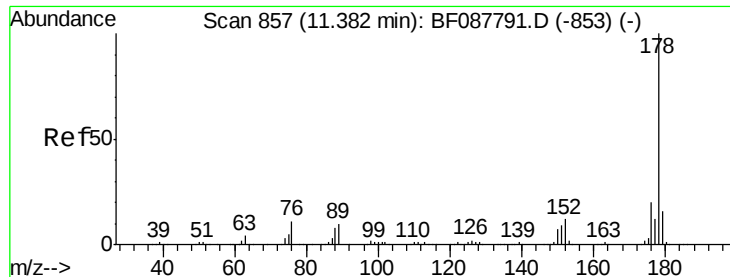
Delta R.T. -0.01 min

Lab File: BF087801.D

Acq: 7 Jun 2016 22:49

Tgt Ion:	188	Resp:	301447
Ion Ratio	Lower	Upper	
188	100		
94	13.4	9.0	13.6
80	14.6	10.0	15.0





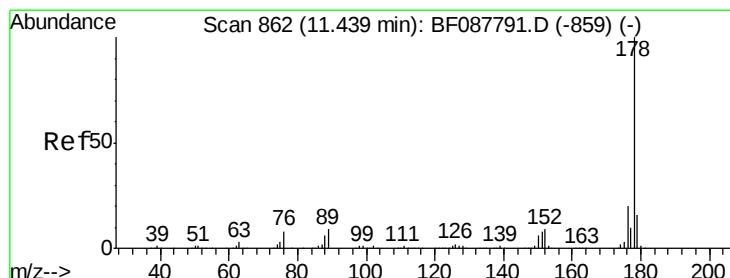
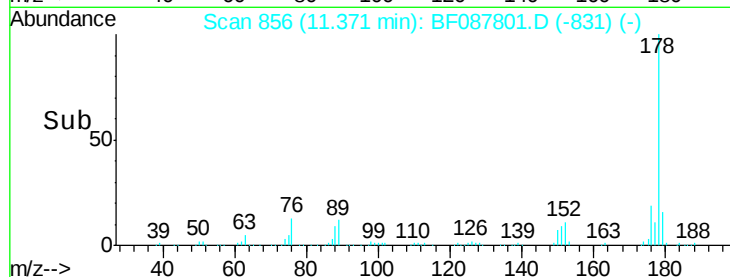
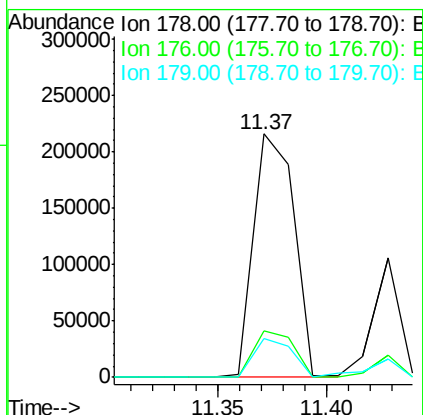
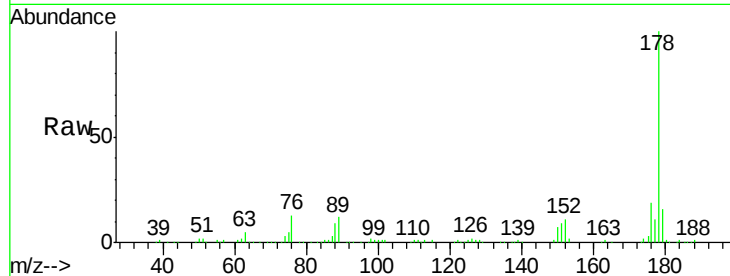
#70
Phenanthrene
Concen: 17.84 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087801.D
Acq: 7 Jun 2016 22:49

Instrument :
BNA_F
ClientSampled :
SS-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.7	13.0	19.4

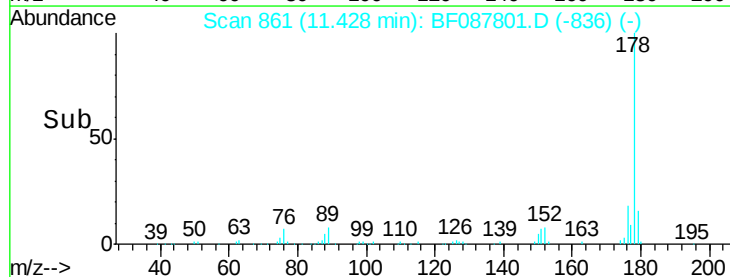
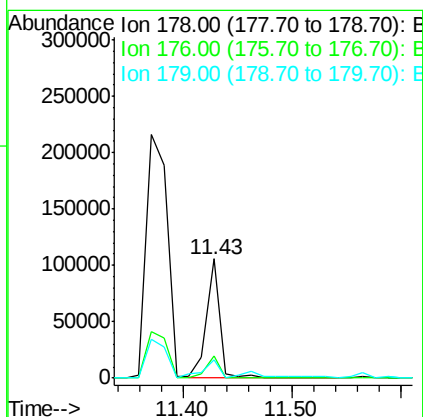
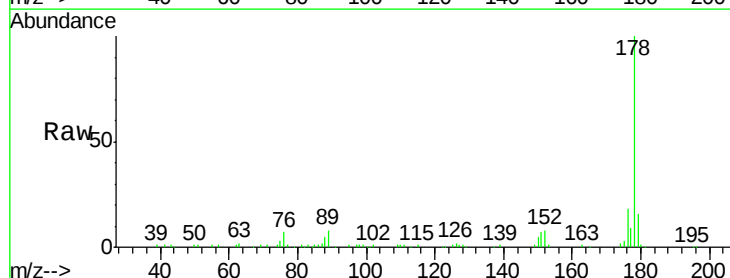
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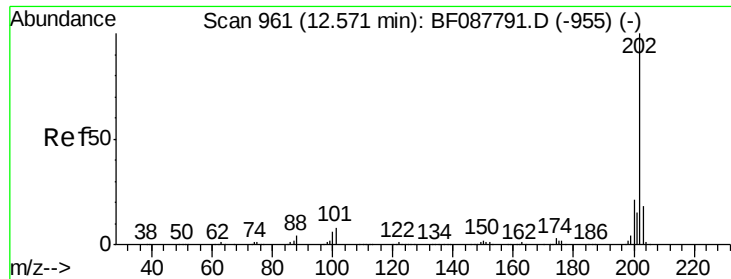
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#71
Anthracene
Concen: 5.91 ng
RT: 11.43 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF087801.D
Acq: 7 Jun 2016 22:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	15.5	12.8	19.2





#74

Fluoranthene

Concen: 25.43 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF087801.D

Acq: 7 Jun 2016 22:49

Instrument :

BNA_F

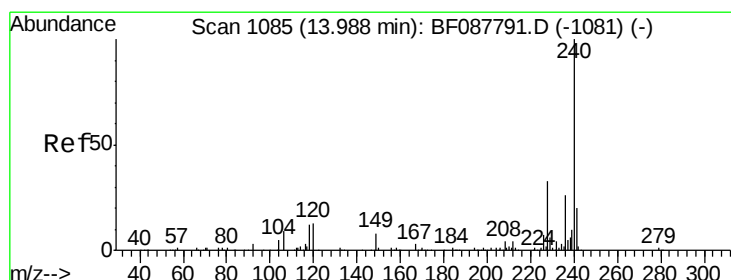
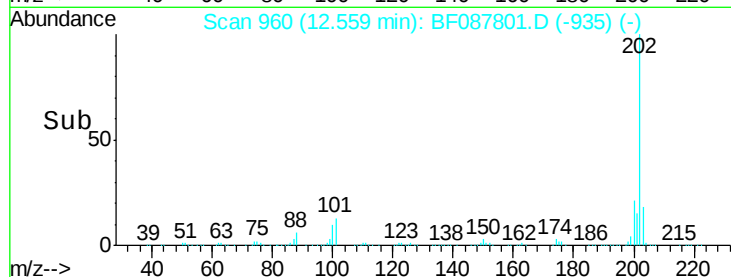
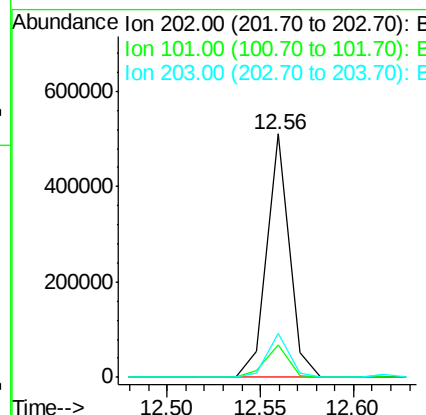
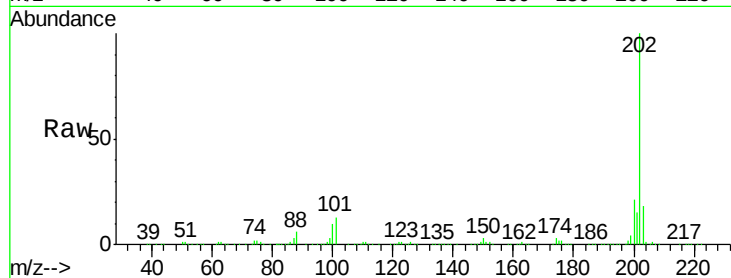
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		424443		
101	13.1	0.0	33.1		
203	18.0	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.00 ng

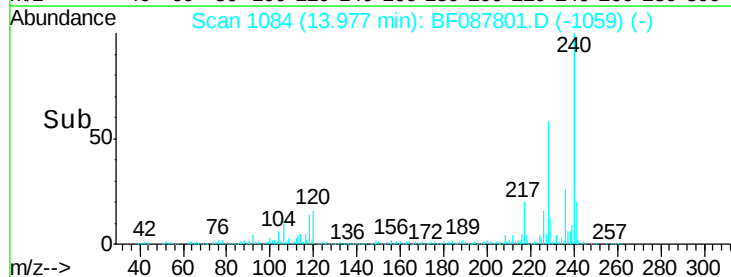
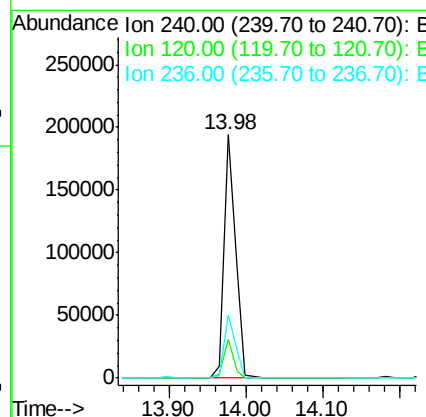
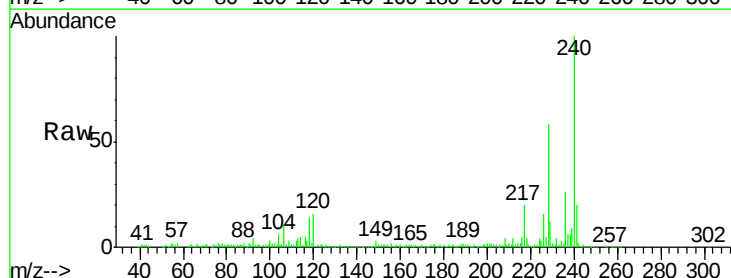
RT: 13.98 min Scan# 1084

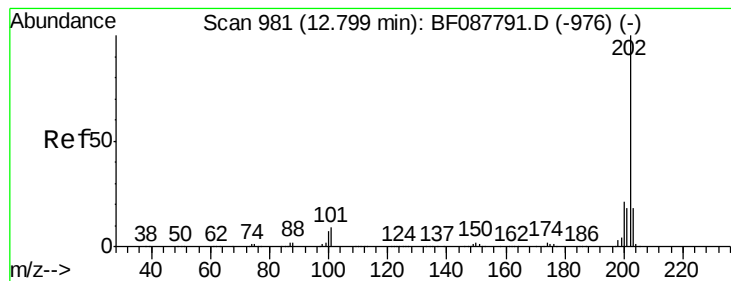
Delta R.T. -0.01 min

Lab File: BF087801.D

Acq: 7 Jun 2016 22:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		204853		
120	16.1	6.8	10.2#		
236	25.9	20.2	30.2		





#77

Pvrene

Concen: 28.99 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF087801.D

Acq: 7 Jun 2016 22:49

Instrument :

BNA_F

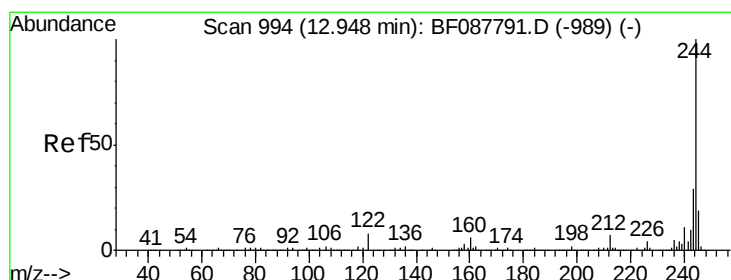
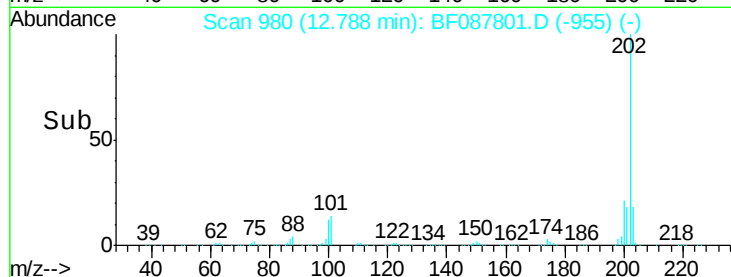
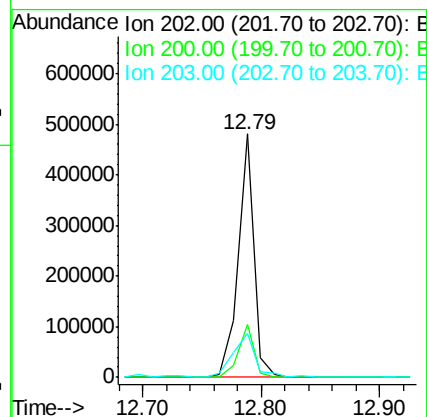
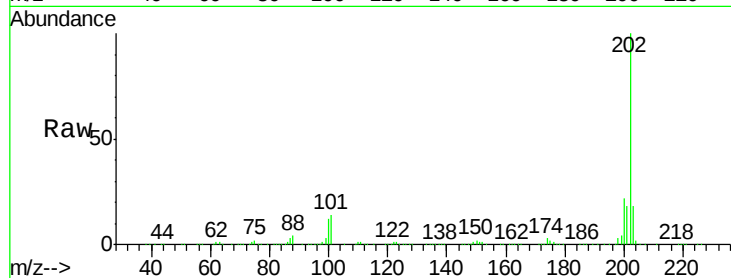
ClientSampleId :

SS-3

Tot Ion:	202	Resp:	440686
Ion Ratio		Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.0	14.5	21.7

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#78

Terphenyl-d14

Concen: 73.04 ng

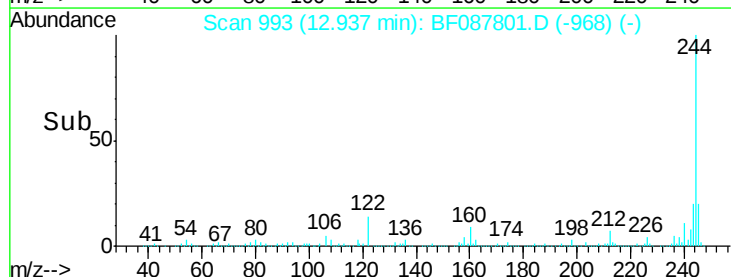
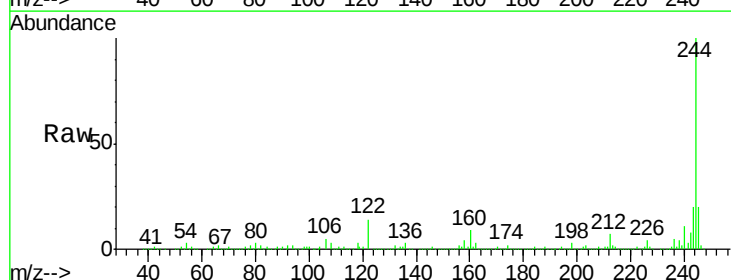
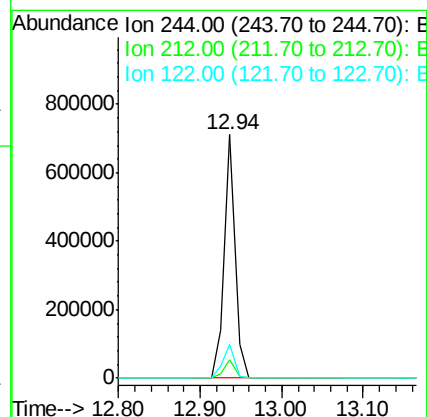
RT: 12.94 min Scan# 993

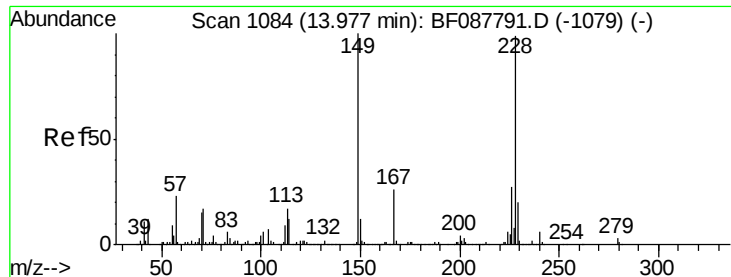
Delta R.T. -0.01 min

Lab File: BF087801.D

Acq: 7 Jun 2016 22:49

Tgt Ion:	244	Resp:	657552
Ion Ratio		Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.0	11.2	16.8





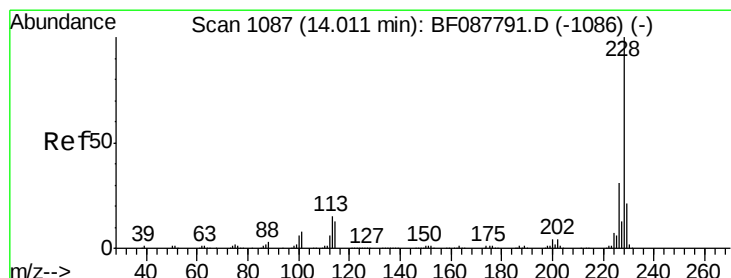
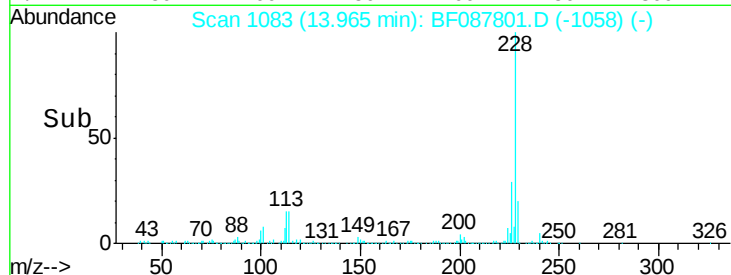
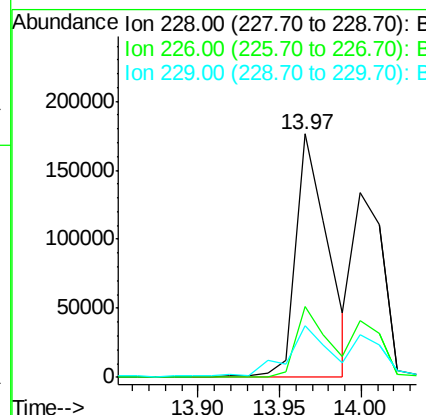
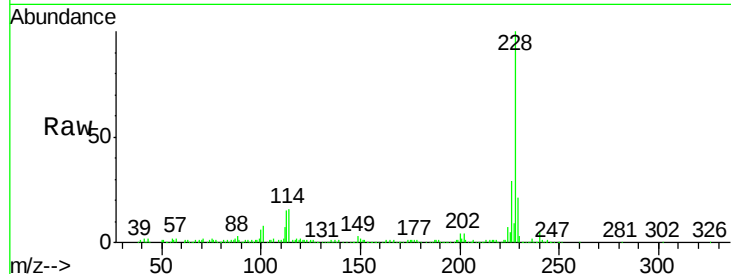
#80
Benzo(a)anthracene
Concen: 20.61 ng
RT: 13.97 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF087801.D
Acq: 7 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SS-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	21.1	16.0	24.0

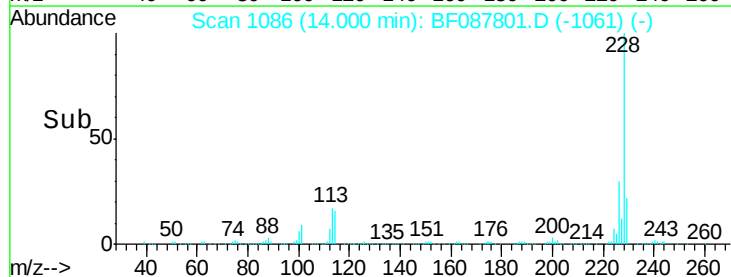
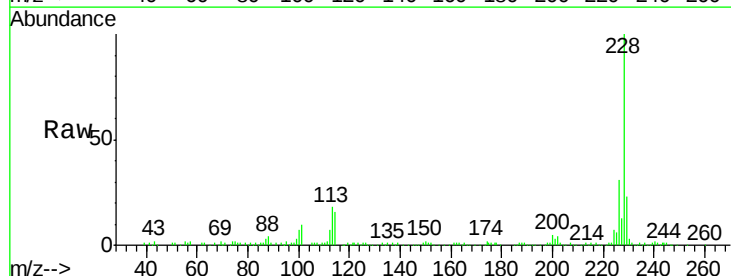
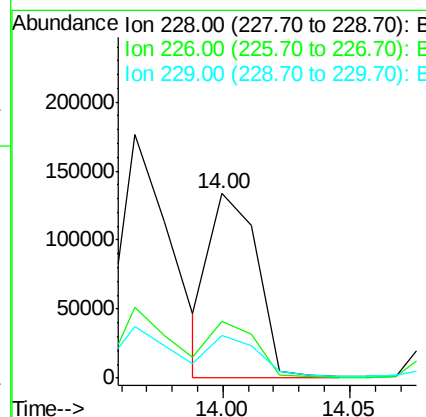
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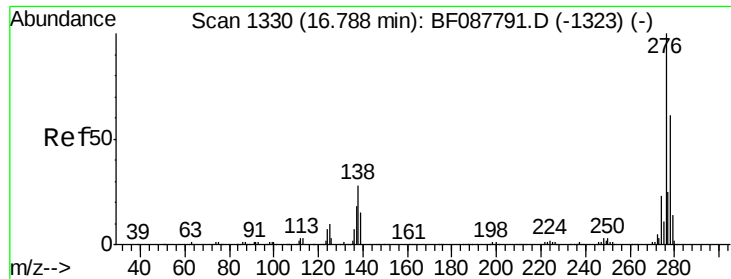
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#82
Chrysene
Concen: 15.70 ng m
RT: 14.00 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF087801.D
Acq: 7 Jun 2016 22:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.2
229	23.4	16.3	24.5





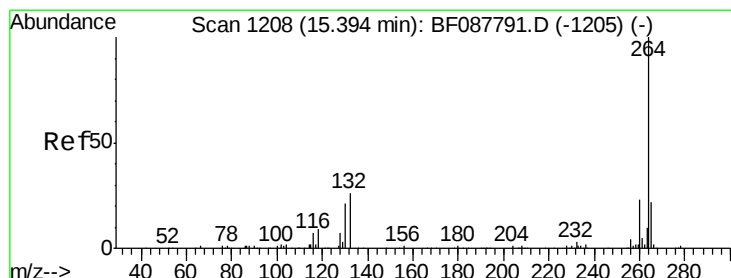
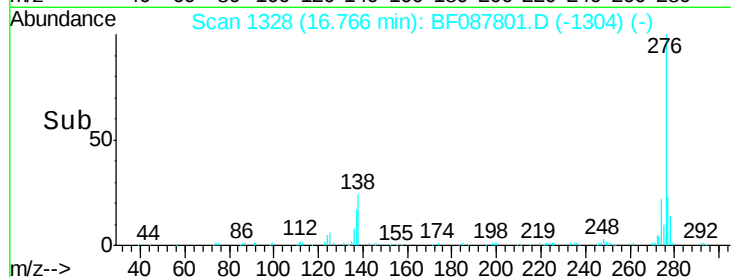
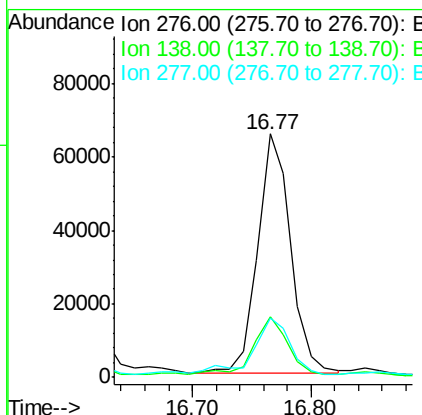
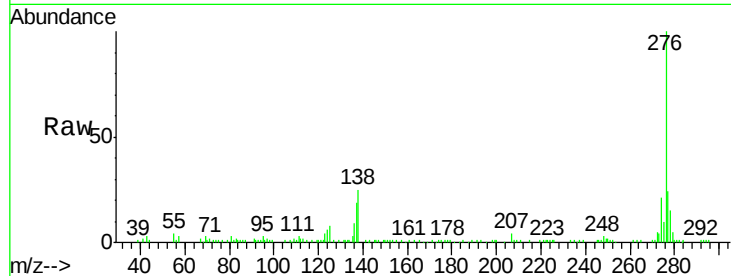
#85
Indeno(1,2,3-cd)pyrene
Concen: 12.30 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF087801.D
Acq: 7 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SS-3

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	0.0	0.0#
277	28.5	0.0	0.0#

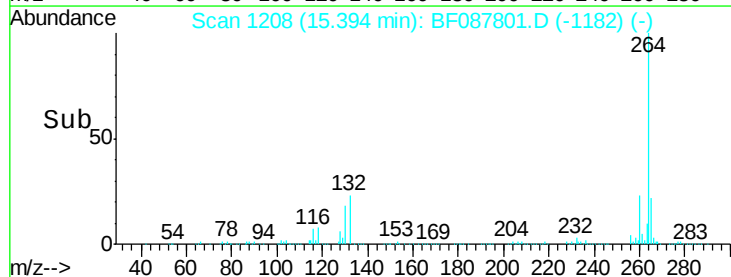
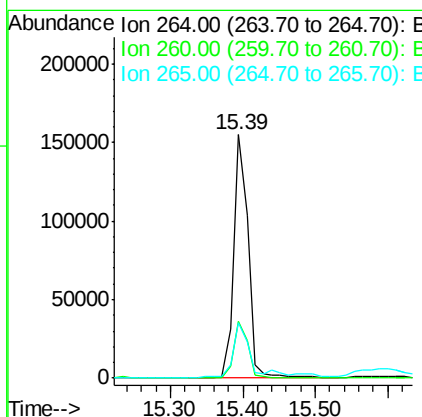
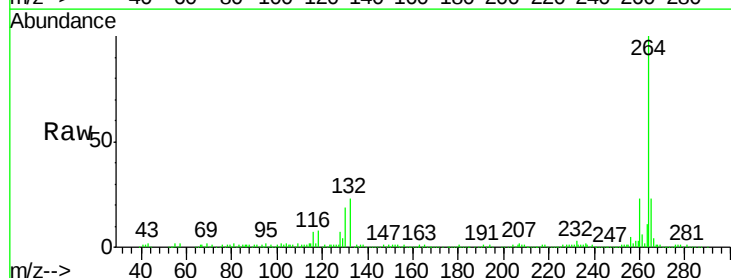
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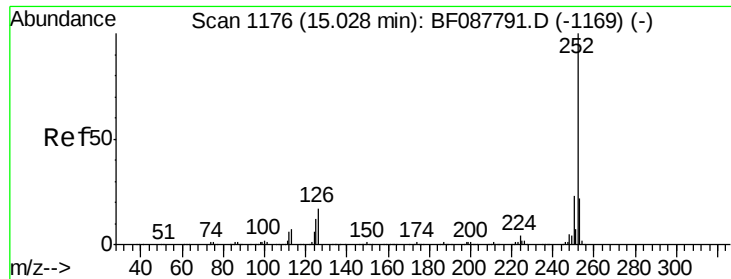
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF087801.D
Acq: 7 Jun 2016 22:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.7	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 17.59 ng m

RT: 14.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF087801.D

Acq: 7 Jun 2016 22:49

Instrument :

BNA_F

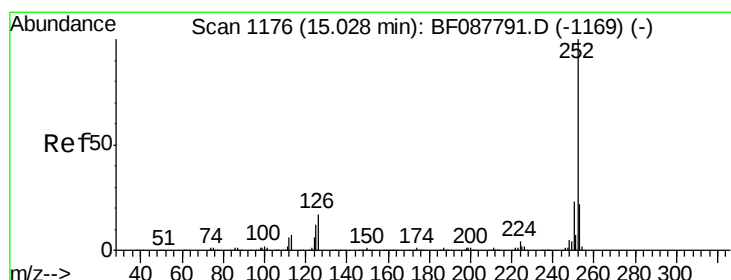
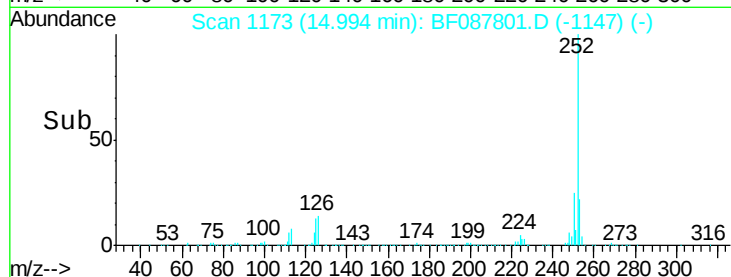
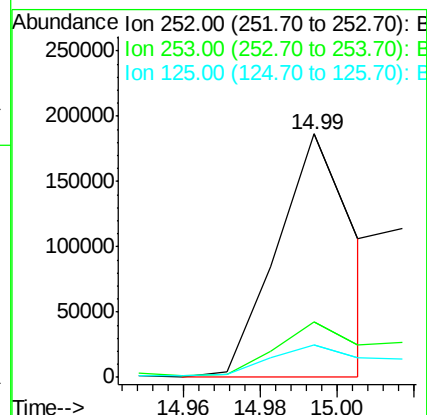
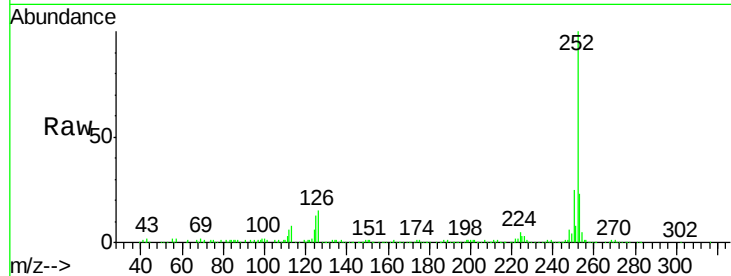
ClientSampled :

SS-3

Tot Ion:	252	Resp:	262435
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.2
125	13.1	7.1	10.7

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#88

Benzo(k)fluoranthene

Concen: 8.79 ng m

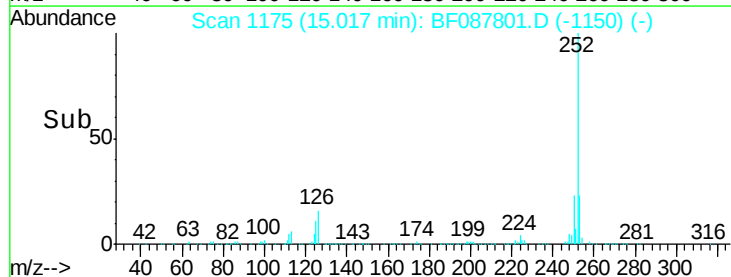
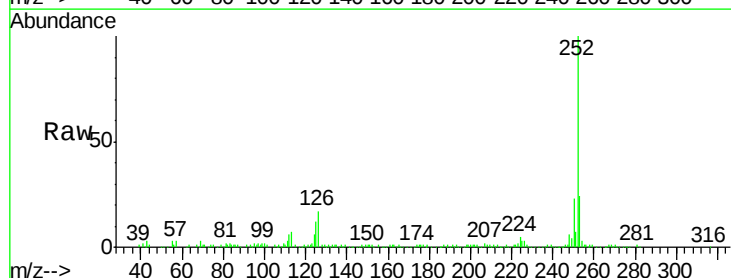
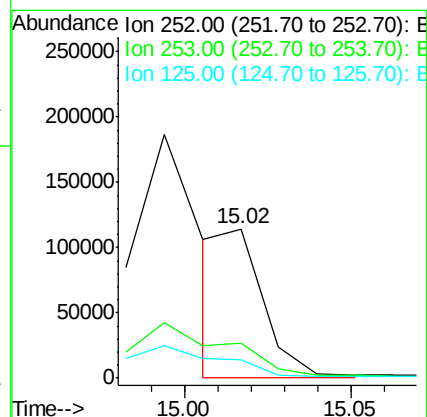
RT: 15.02 min Scan# 1175

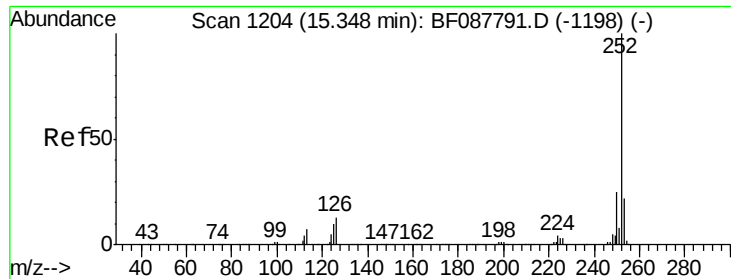
Delta R.T. -0.01 min

Lab File: BF087801.D

Acq: 7 Jun 2016 22:49

Tgt Ion:	252	Resp:	98943
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.0	27.0
125	12.0	11.2	16.8





#89

Benzo(a)pyrene

Concen: 17.07 ng

RT: 15.34 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF087801.D

Acq: 7 Jun 2016 22:49

Instrument :

BNA_F

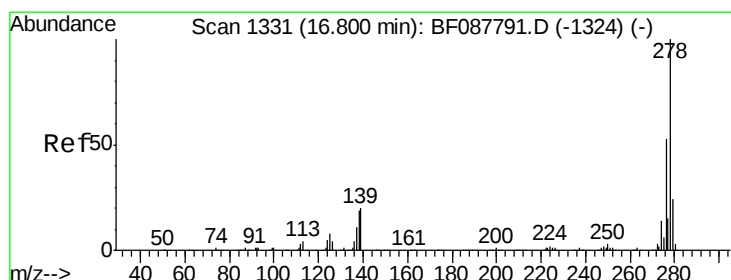
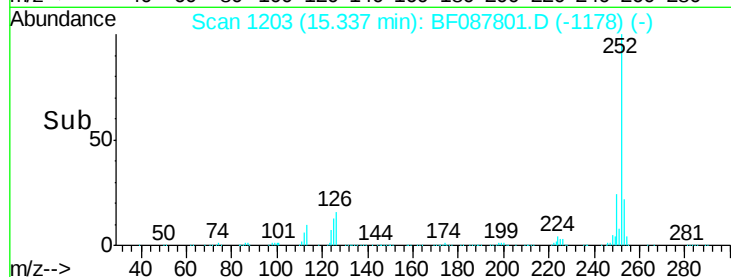
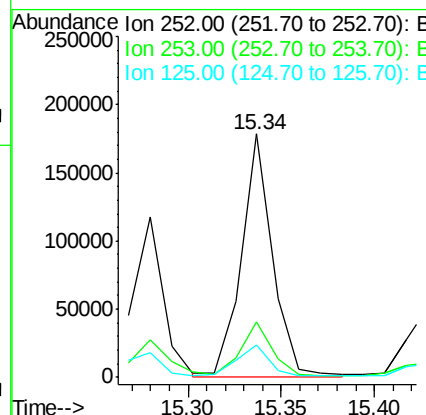
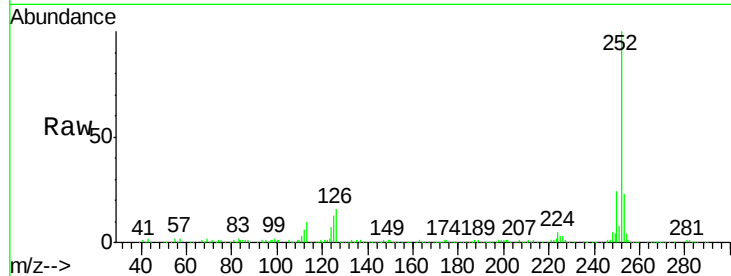
ClientSampled :

SS-3

Tot Ion:	252	Resp:	206027
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.9	26.9
125	13.2	12.5	18.7

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#90

Dibenzo(a,h)anthracene

Concen: 2.94 ng m

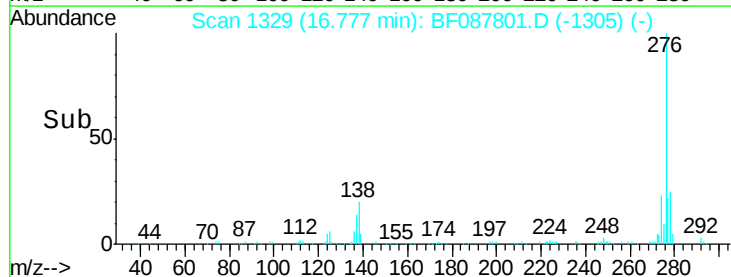
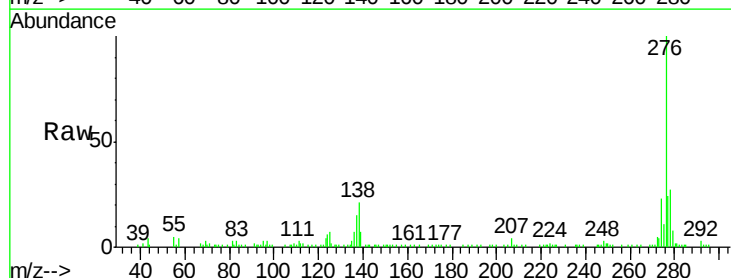
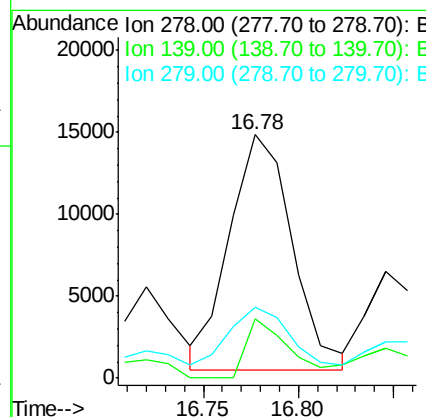
RT: 16.78 min Scan# 1329

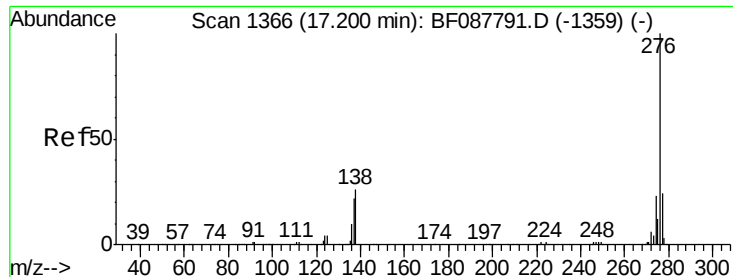
Delta R.T. -0.02 min

Lab File: BF087801.D

Acq: 7 Jun 2016 22:49

Tgt Ion:	278	Resp:	32968
Ion Ratio		Lower	Upper
278	100		
139	24.4	15.7	23.5#
279	29.2	19.4	29.2#





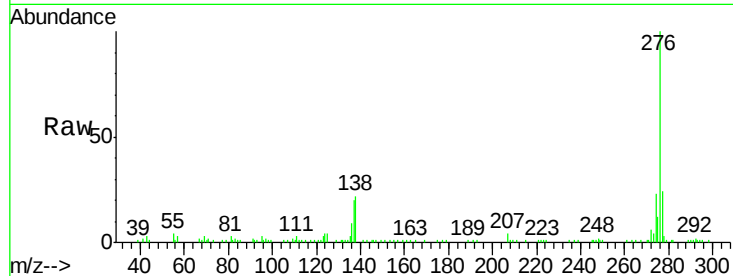
#91
 Benzo(a,h,i)perylene
 Concen: 10.37 ng
 RT: 17.19 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF087801.D
 Acq: 7 Jun 2016 22:49

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Tot Ion:	276	Resp:	119569
Ion Ratio		Lower	Upper
276	100		
277	24.4	18.9	28.3
138	22.4	21.4	32.2

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

