

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088016.D
 Acq On : 14 Jun 2016 23:53
 Operator : UM/SJ
 Sample : H3437-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T6-B4(6-12)C

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Quant Time: Jun 15 13:01:42 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	6.79	152	107902	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	408693	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	179865	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	280505	20.00	ng	0.00
75) Chrysene-d12	13.94	240	267134	20.00	ng	0.00
86) Perylene-d12	15.35	264	214246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	634596	100.54	ng	0.01
7) Phenol-d6	6.42	99	704618	92.11	ng	0.00
23) Nitrobenzene-d5	7.35	82	417954	59.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	140979	74.23	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	660403	55.78	ng	0.00
78) Terphenyl-d14	12.89	244	405908	34.58	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	164827	12.65	ng	99
70) Phenanthrene	11.32	178	41357	2.81	ng	98
74) Fluoranthene	12.53	202	90099	5.80	ng	94
77) Pyrene	12.74	202	97227	4.90	ng	99
80) Benzo(a)anthracene	13.93	228	90035	5.91	ng	99
82) Chrysene	13.97	228	81963	5.72	ng	96
85) Indeno(1,2,3-cd)pyrene	16.70	276	45592	3.43	ng	# 100
87) Benzo(b)fluoranthene	14.95	252	155749m	10.43	ng	
88) Benzo(k)fluoranthene	14.97	252	23688m	2.10	ng	
89) Benzo(a)pyrene	15.29	252	79969	6.62	ng	99
91) Benzo(g,h,i)perylene	17.11	276	47701	4.13	ng	97

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

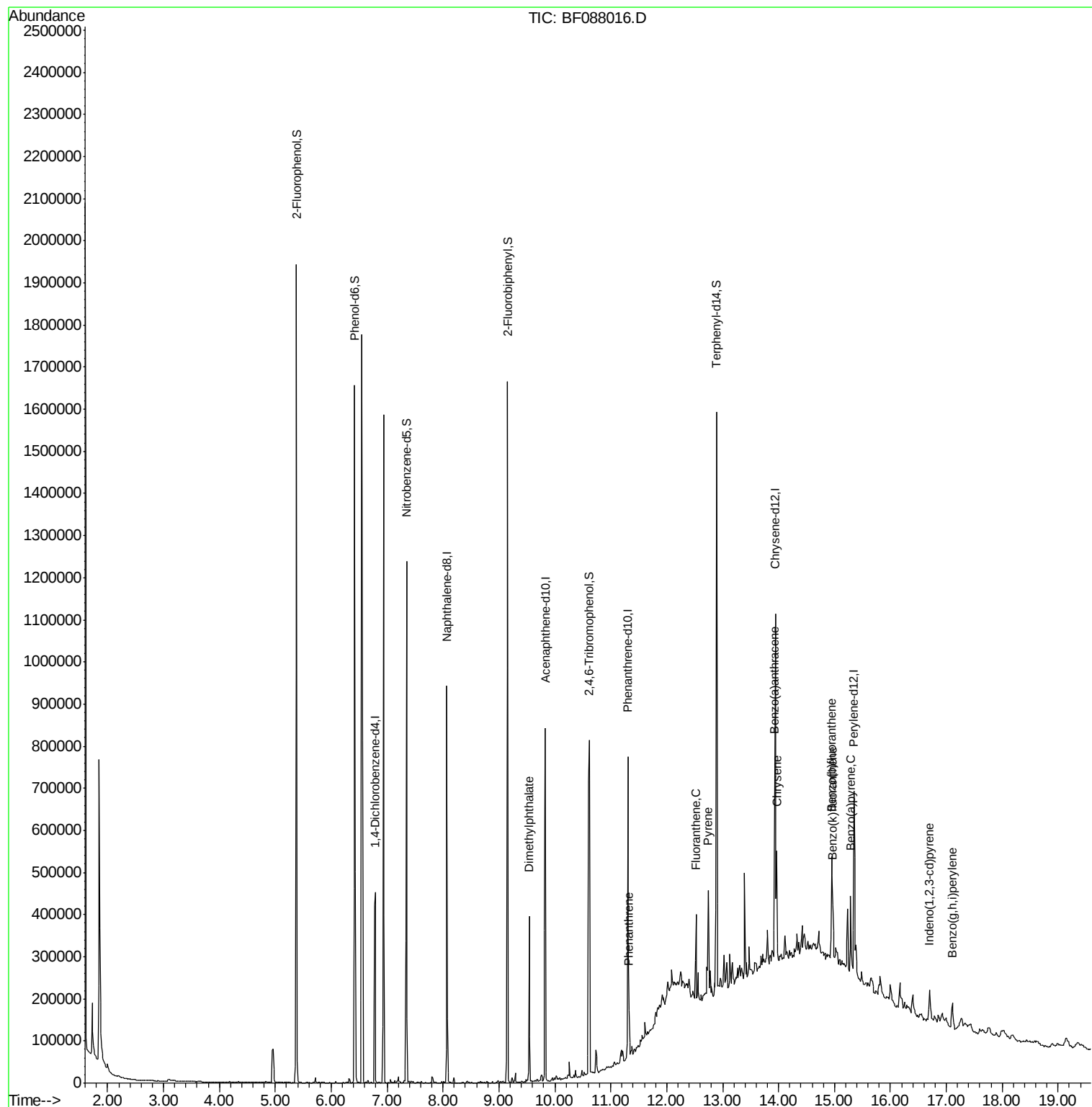
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088016.D
Acq On : 14 Jun 2016 23:53
Operator : UM/SJ
Sample : H3437-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

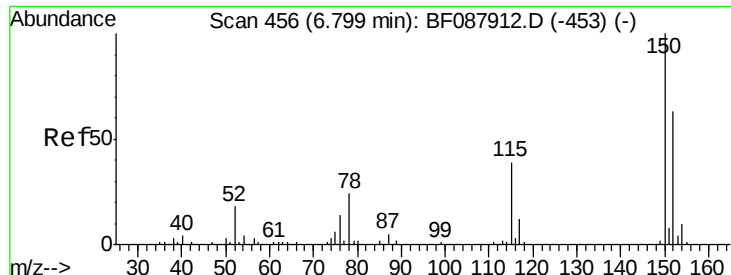
Instrument :
BNA_F
ClientSampleId :
T6-B4(6-12)C

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Quant Time: Jun 15 13:01:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

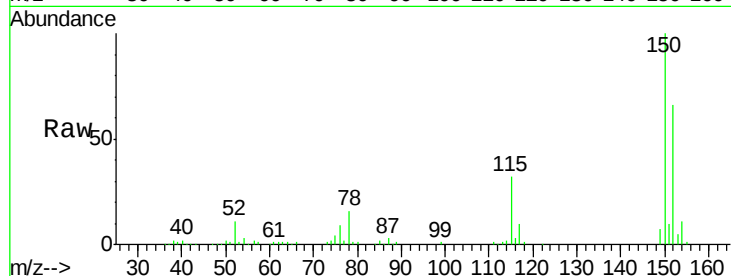
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF088016.D
Acq: 14 Jun 2016 23:53

Instrument :
BNA_F
ClientSampleId :
T6-B4(6-12)C

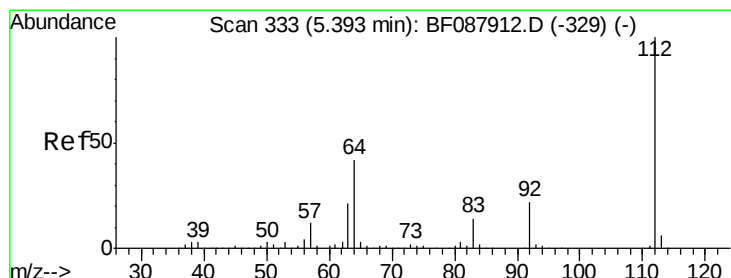
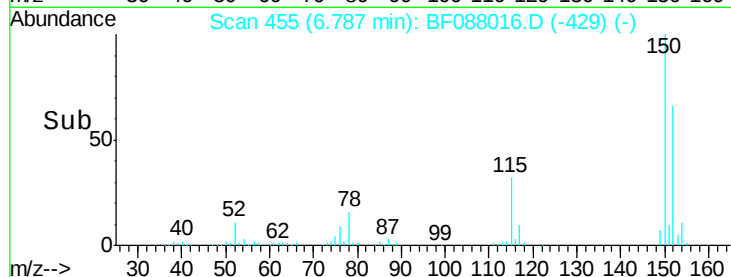
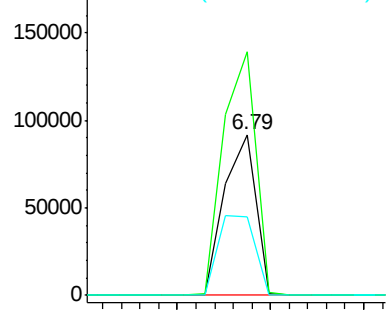
Tot Ion	Ratio	Resp	Lower	Upper
152	100	107902		
150	151.3	123.8	185.6	
115	48.5	39.6	59.4	

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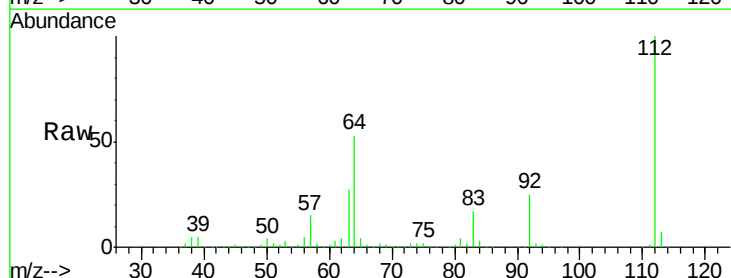
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



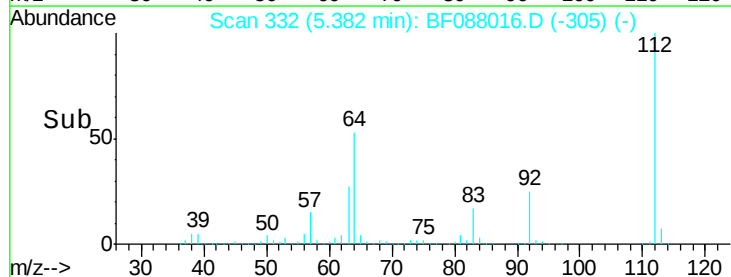
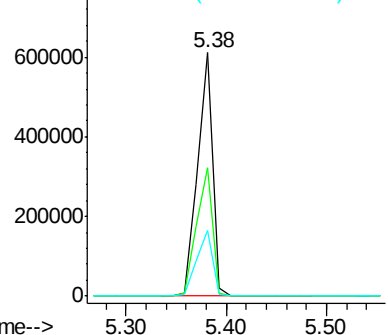
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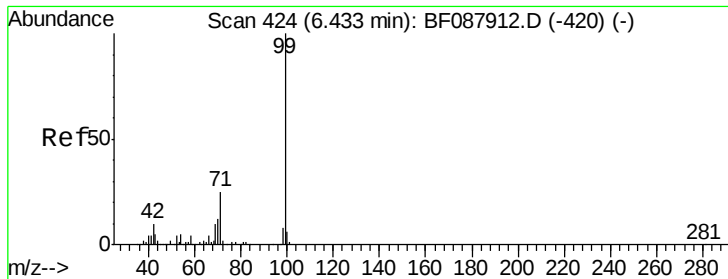
2-Fluorophenol
Concen: 100.54 ng
RT: 5.38 min Scan# 332
Delta R.T. 0.01 min
Lab File: BF088016.D
Acq: 14 Jun 2016 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	634596		
64	52.8	42.2	63.2	
63	26.9	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: 92.11 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF088016.D

Acq: 14 Jun 2016 23:53

Instrument :

BNA_F

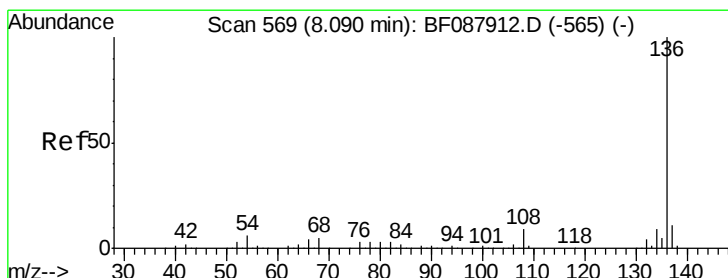
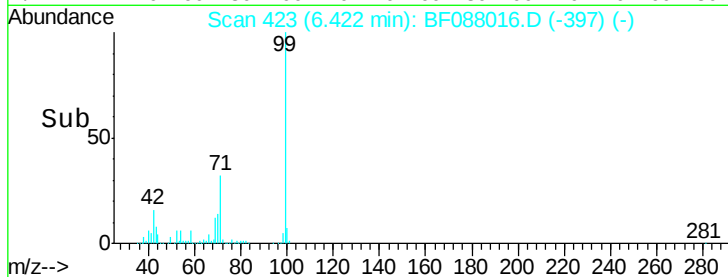
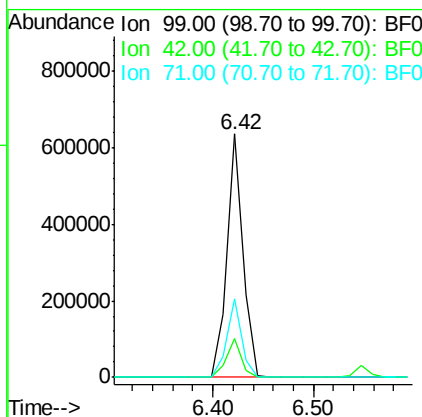
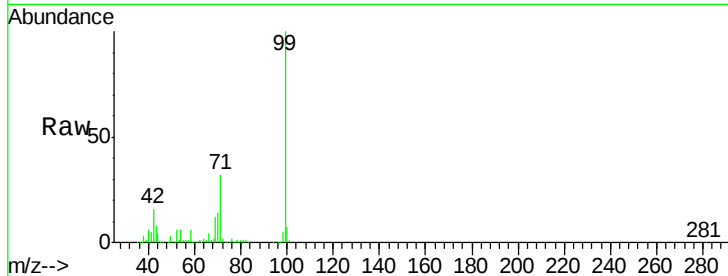
ClientSampleId :

T6-B4(6-12)C

Tot Ion:	99	Resp:	704618
Ion Ratio	Lower	Upper	
99	100		
42	15.8	12.2	18.2
71	32.1	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

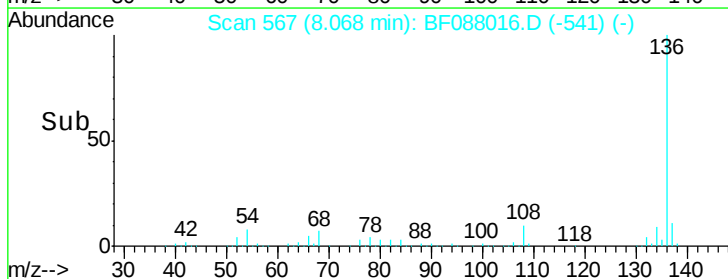
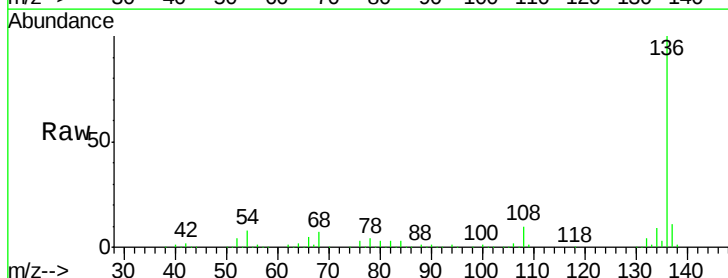
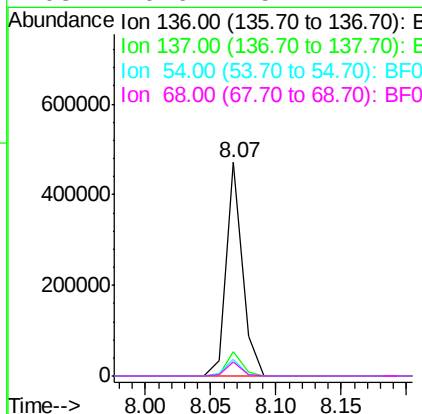
RT: 8.07 min Scan# 567

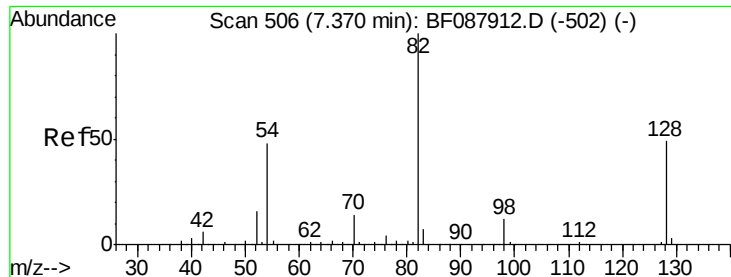
Delta R.T. 0.00 min

Lab File: BF088016.D

Acq: 14 Jun 2016 23:53

Tgt Ion:	136	Resp:	408693
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	8.0	6.6	10.0
68	6.6	5.1	7.7





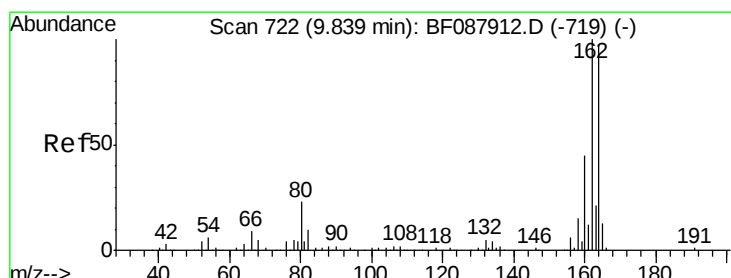
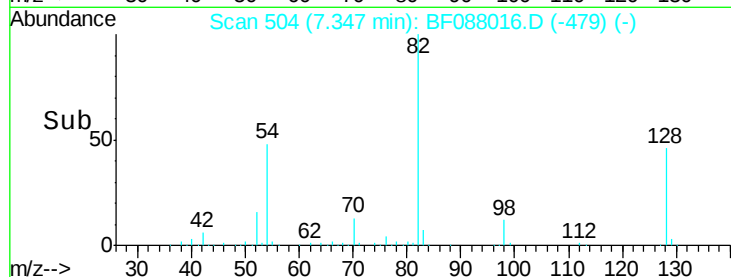
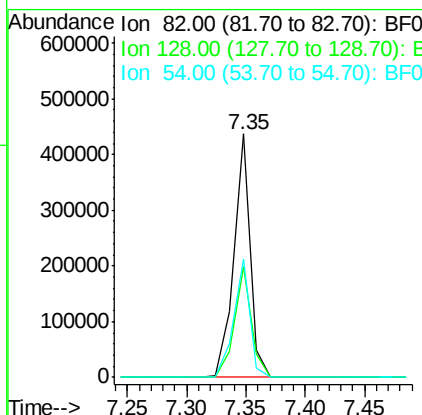
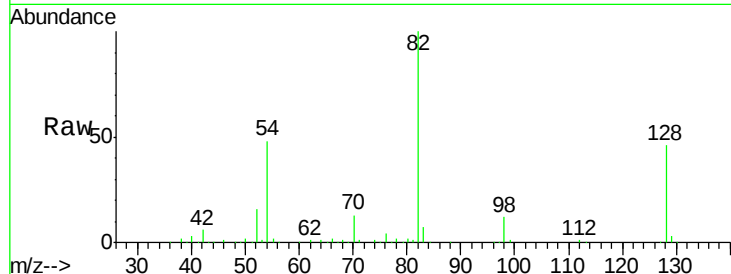
#23
 Nitrobenzene-d5
 Concen: 59.72 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF088016.D
 Acq: 14 Jun 2016 23:53

Instrument :
 BNA_F
 ClientSampleId :
 T6-B4(6-12)C

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.6	35.9	53.9	
54	48.3	40.9	61.3	

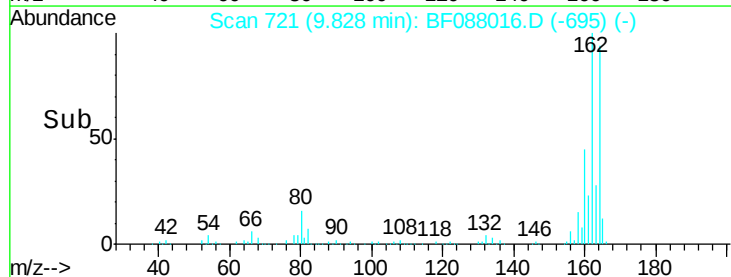
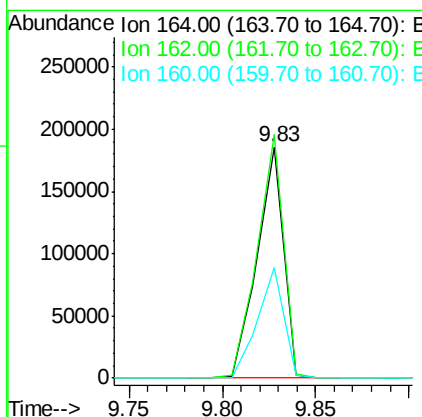
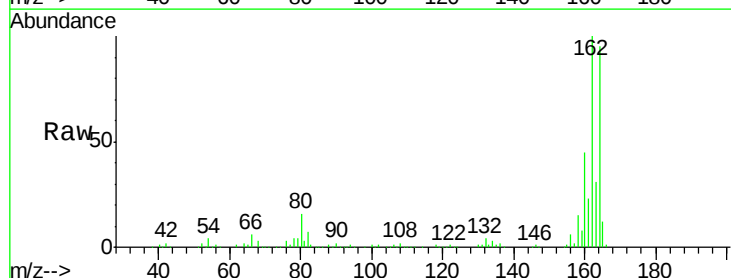
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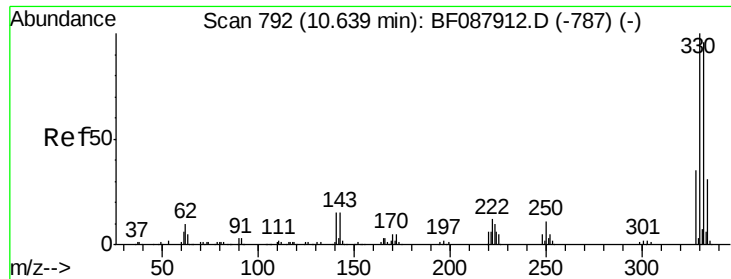
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF088016.D
 Acq: 14 Jun 2016 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.5	85.4	128.2	
160	47.7	39.5	59.3	





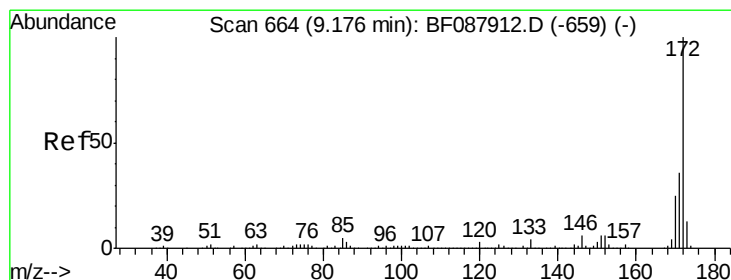
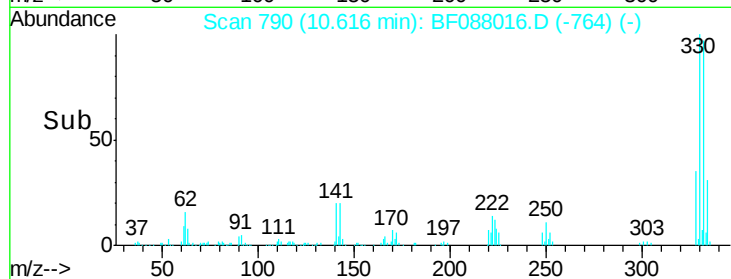
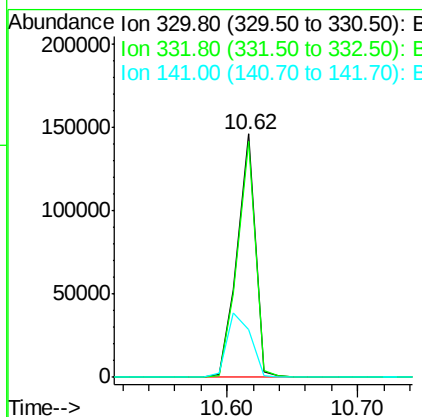
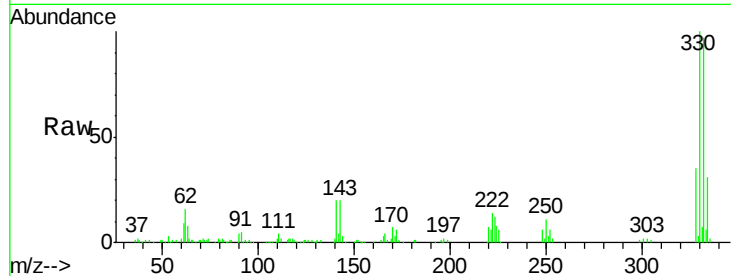
#41
 2,4,6-Tribromophenol
 Concen: 74.23 ng
 RT: 10.62 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF088016.D
 Acq: 14 Jun 2016 23:53

Instrument :
 BNA_F
 ClientSampleId :
 T6-B4(6-12)C

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	35.0	0.0	0.0#

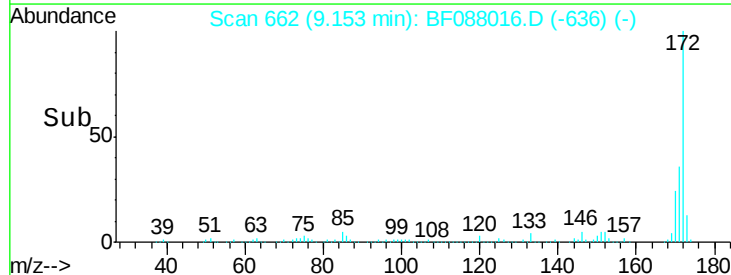
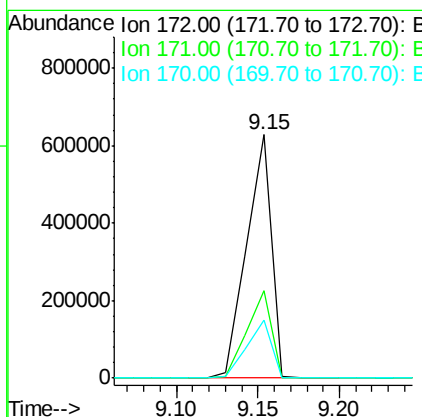
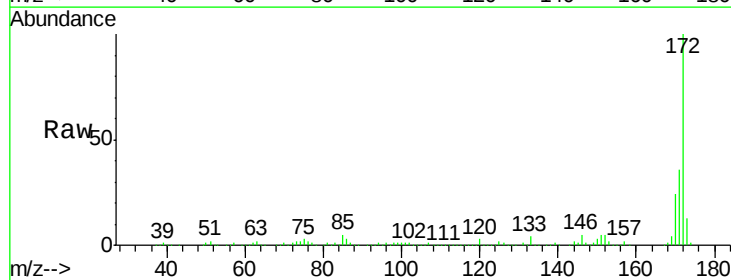
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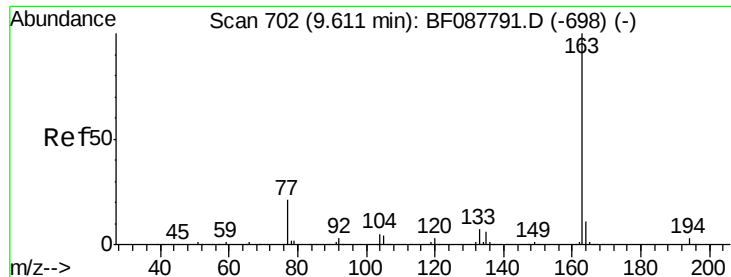
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#44
 2-Fluorobiphenyl
 Concen: 55.78 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF088016.D
 Acq: 14 Jun 2016 23:53

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.8	19.2	28.8





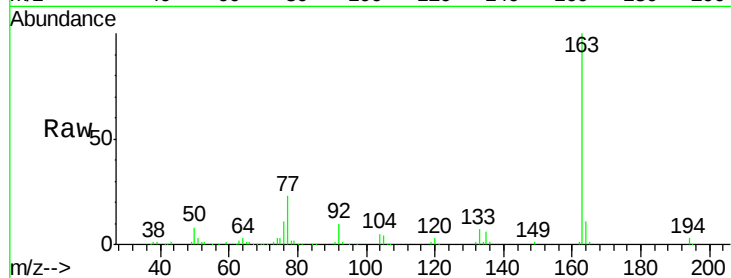
#49
Dimethylphthalate
Concen: 12.65 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF088016.D
Acq: 14 Jun 2016 23:53

Instrument :
BNA_F
ClientSampleId :
T6-B4(6-12)C

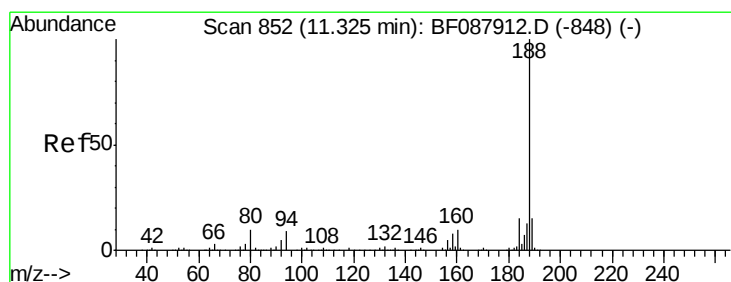
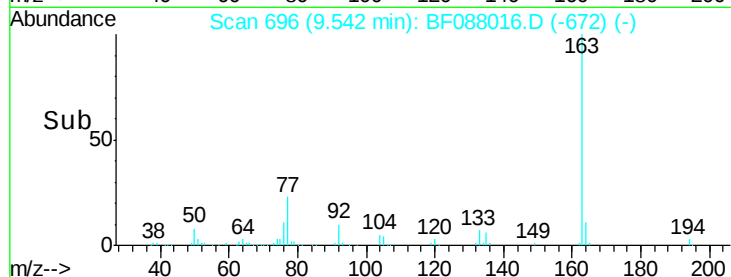
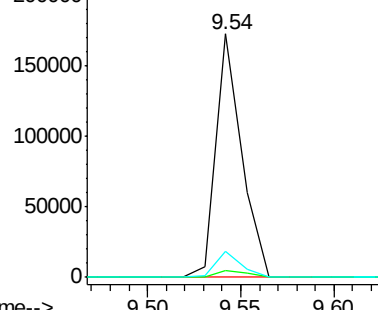
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	2.8	4.2
164	10.5	8.3	12.5

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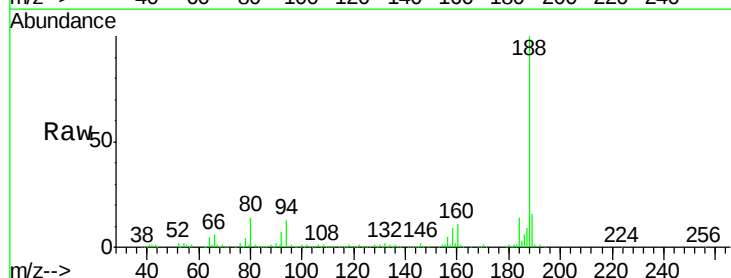


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

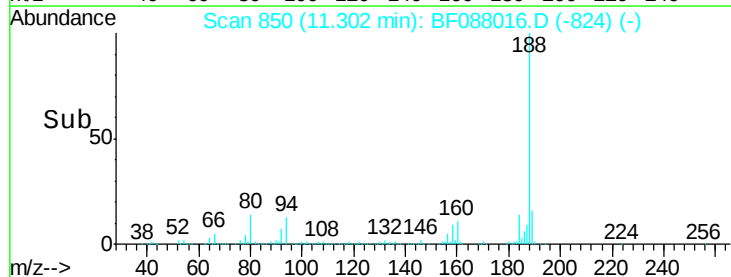
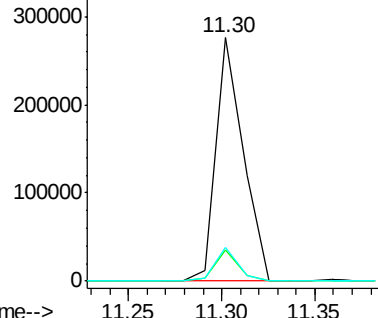


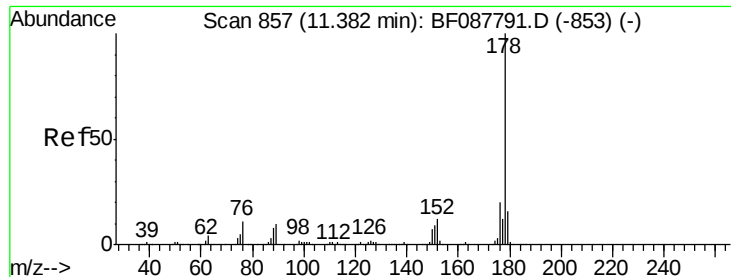
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF088016.D
Acq: 14 Jun 2016 23:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.0	9.0	13.6
80	13.9	10.0	15.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





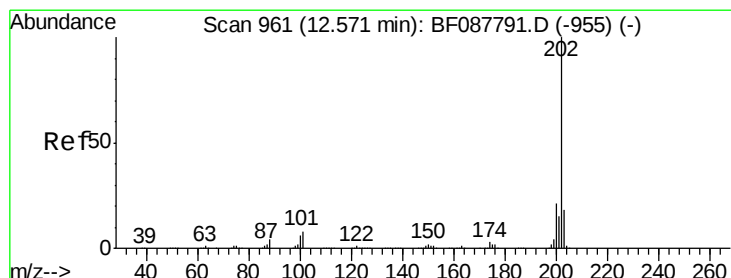
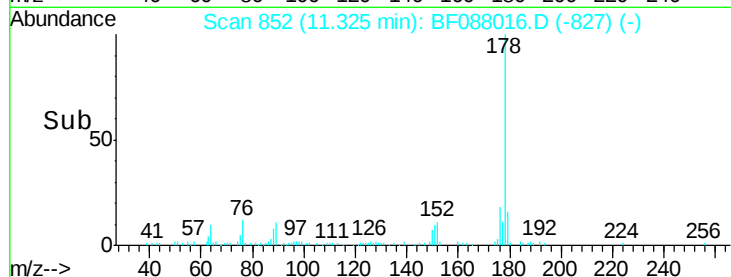
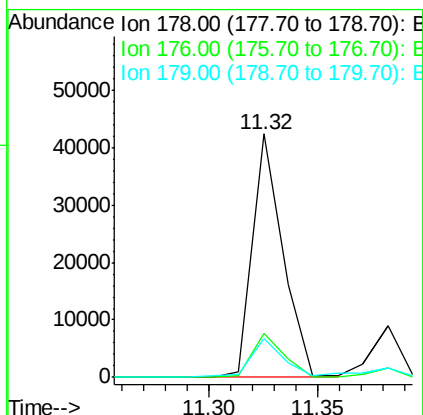
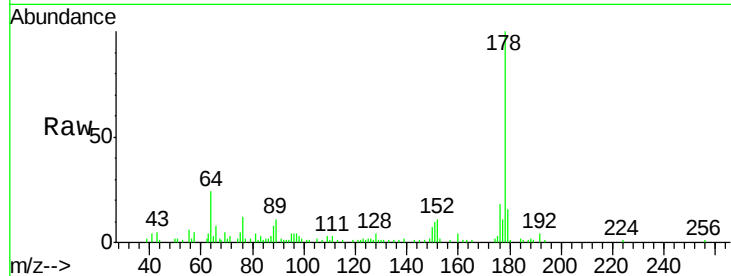
#70
Phenanthrene
Concen: 2.81 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF088016.D
Acq: 14 Jun 2016 23:53

Instrument :
BNA_F
ClientSampleId :
T6-B4(6-12)C

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.6
179	16.0	13.0	19.4

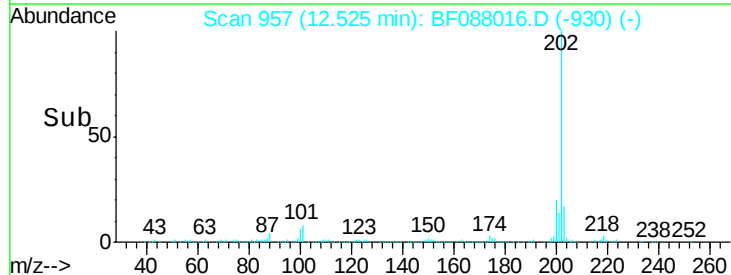
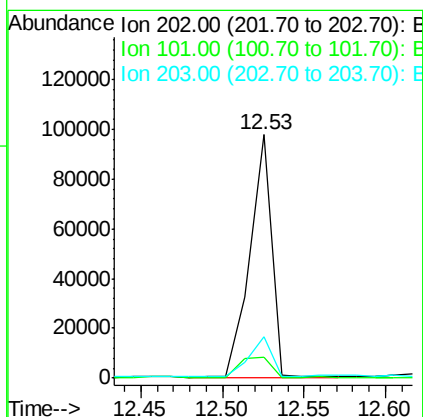
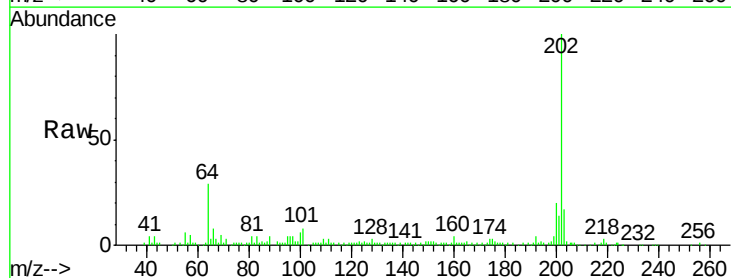
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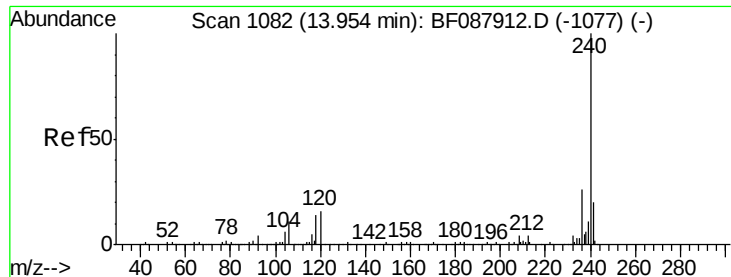
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#74
Fluoranthene
Concen: 5.80 ng
RT: 12.53 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF088016.D
Acq: 14 Jun 2016 23:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	33.1
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF088016.D

Acq: 14 Jun 2016 23:53

Instrument :

BNA_F

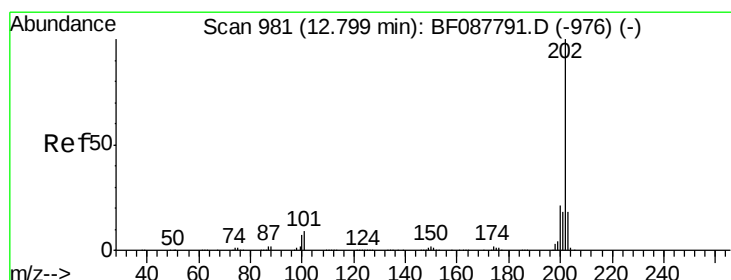
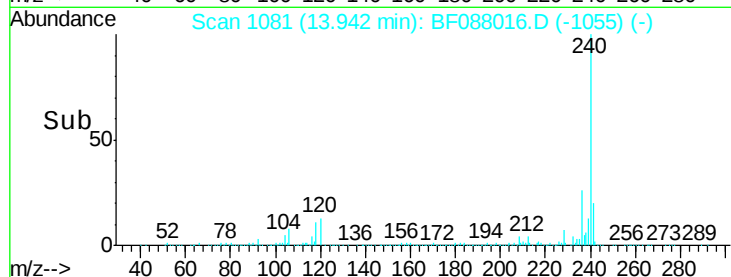
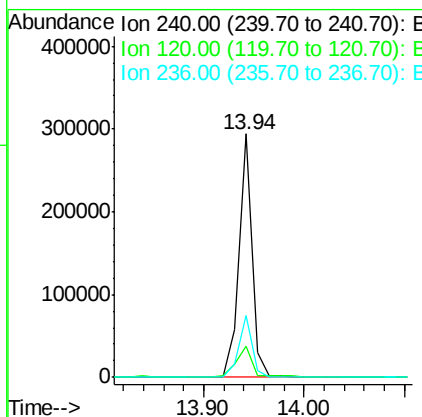
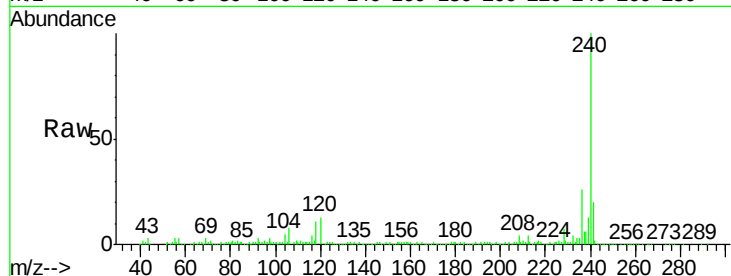
ClientSampleId :

T6-B4(6-12)C

Tot Ion:	240	Resp:	267134
Ion Ratio	Lower	Upper	
240	100		
120	13.0	6.8	10.2#
236	25.6	20.2	30.2

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#77

Pyrene

Concen: 4.90 ng

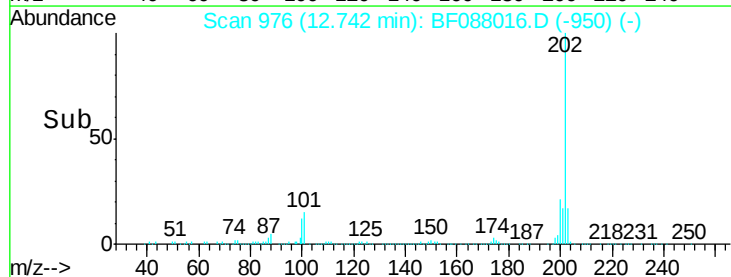
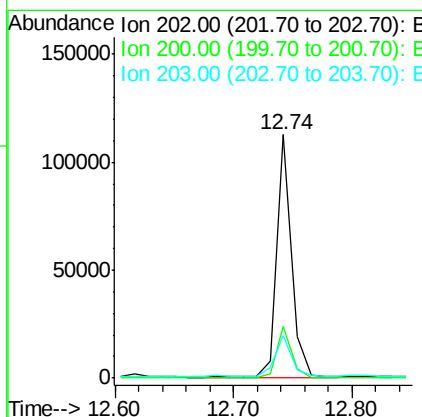
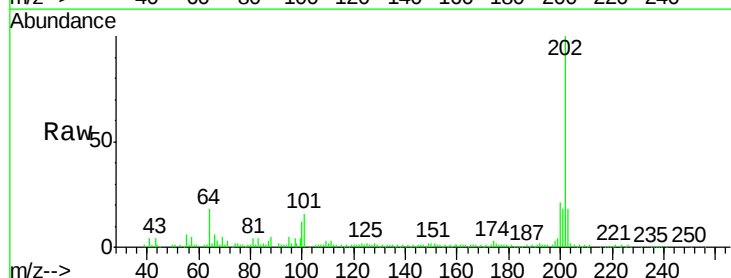
RT: 12.74 min Scan# 976

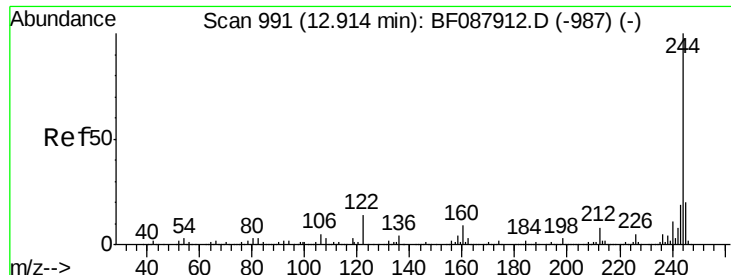
Delta R.T. 0.00 min

Lab File: BF088016.D

Acq: 14 Jun 2016 23:53

Tgt Ion:	202	Resp:	97227
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	17.7	14.5	21.7





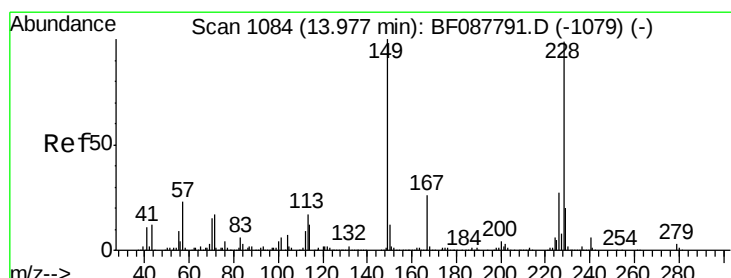
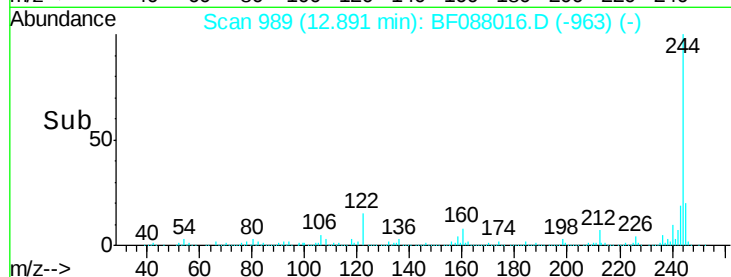
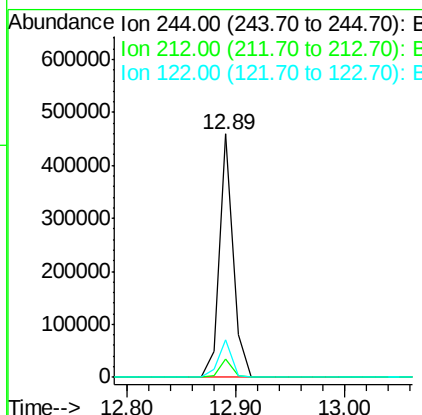
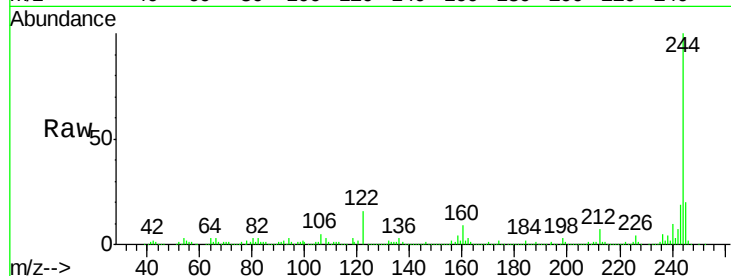
#78
 Terphenyl-d14
 Concen: 34.58 ng
 RT: 12.89 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF088016.D
 Acq: 14 Jun 2016 23:53

Instrument :
 BNA_F
 ClientSampleId :
 T6-B4(6-12)C

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	15.5	11.2	16.8

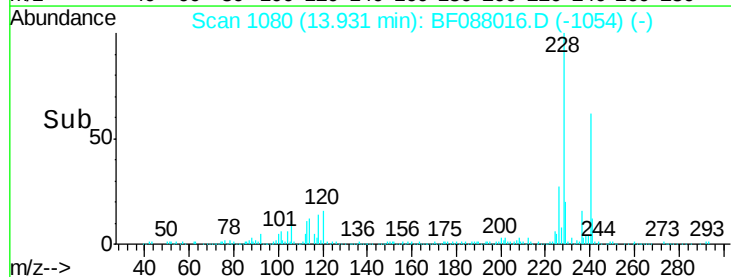
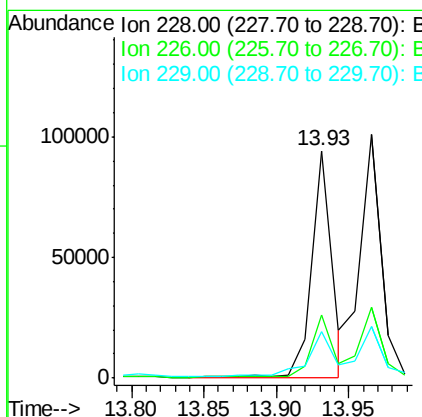
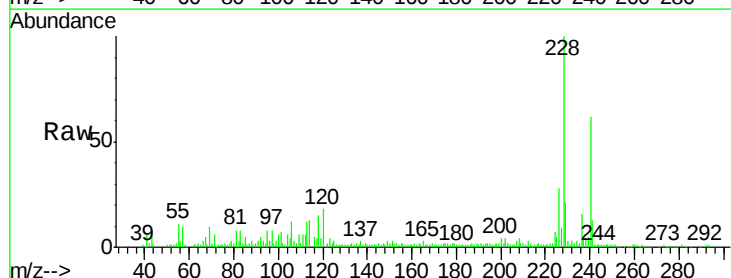
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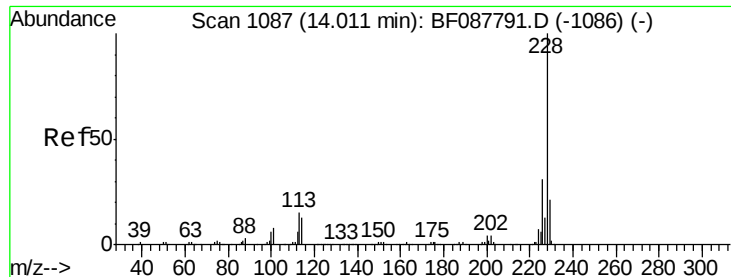
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#80
 Benzo(a)anthracene
 Concen: 5.91 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF088016.D
 Acq: 14 Jun 2016 23:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	20.6	16.0	24.0





#82

Chrysene

Concen: 5.72 ng

RT: 13.97 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF088016.D

Acq: 14 Jun 2016 23:53

Instrument :

BNA_F

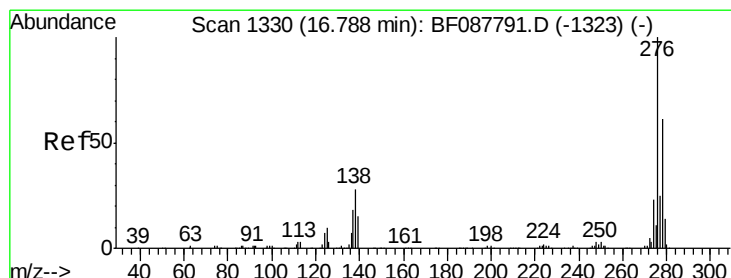
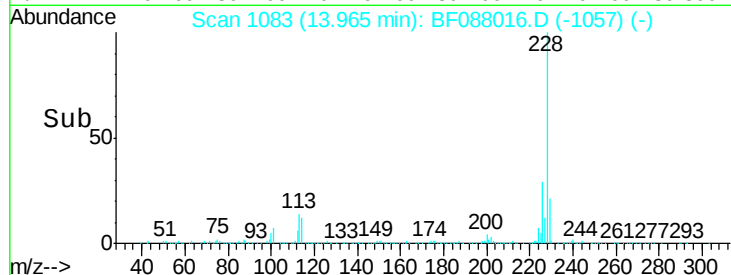
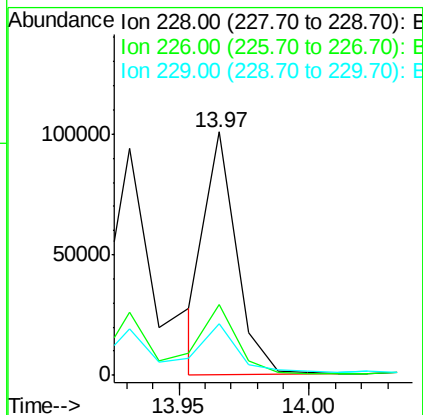
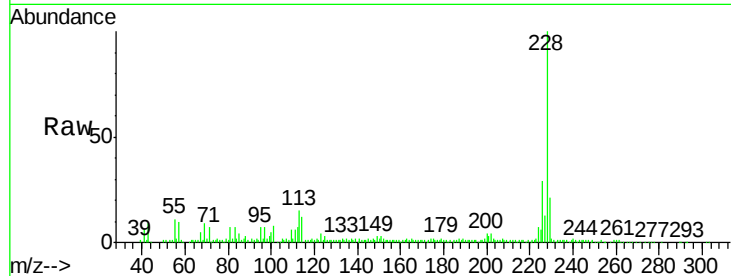
ClientSampleId :

T6-B4(6-12)C

Tot Ion:	228	Resp:	81963
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.4	38.2
229	21.4	16.3	24.5

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.43 ng

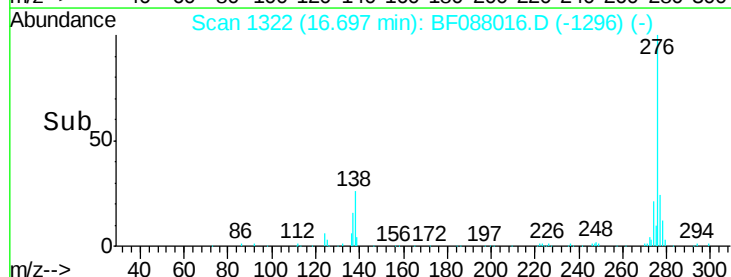
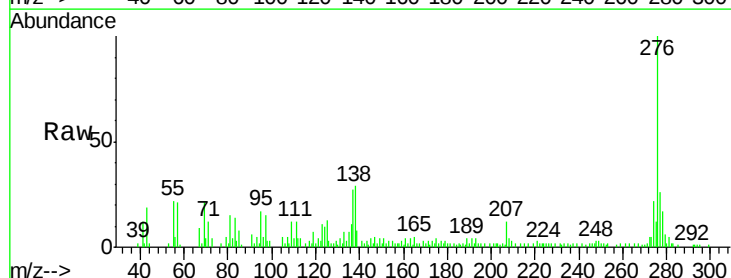
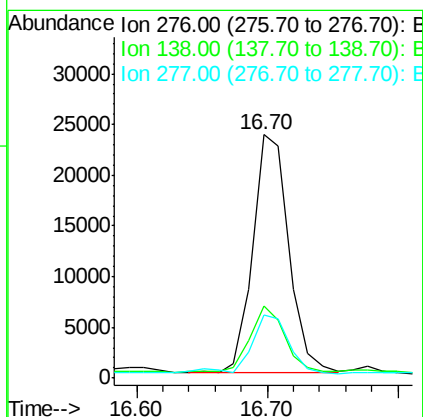
RT: 16.70 min Scan# 1322

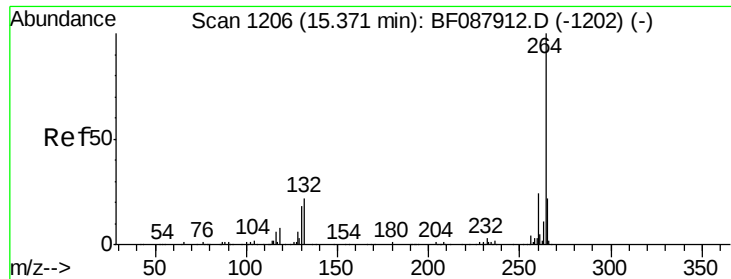
Delta R.T. 0.00 min

Lab File: BF088016.D

Acq: 14 Jun 2016 23:53

Tgt Ion:	276	Resp:	45592
Ion Ratio	Lower	Upper	
276	100		
138	27.2	0.0	0.0#
277	26.1	0.0	0.0#





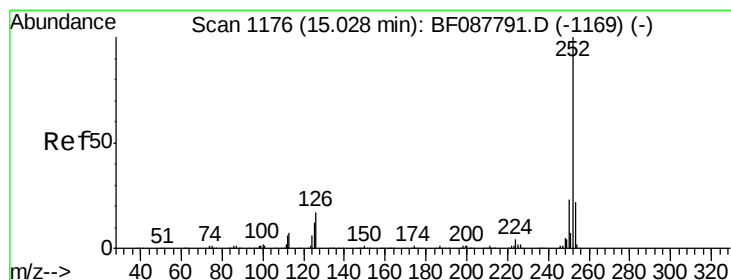
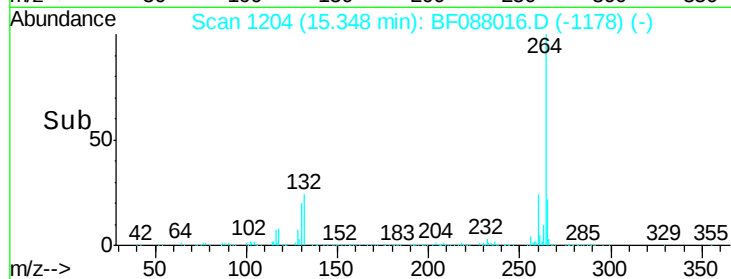
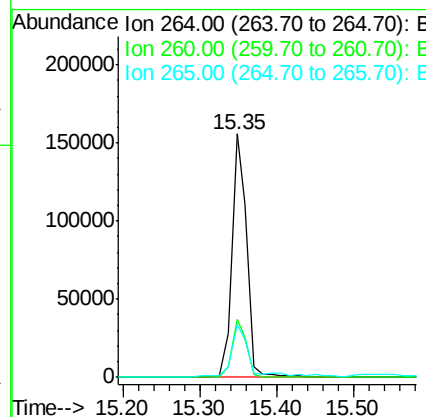
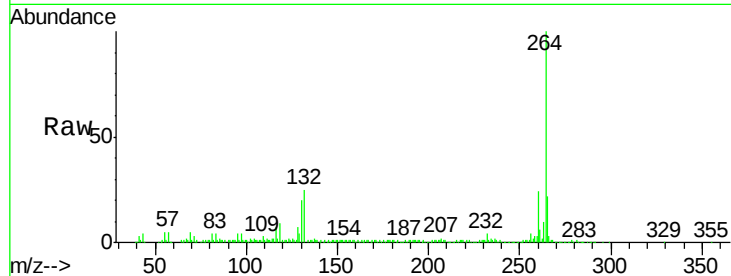
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF088016.D
Acq: 14 Jun 2016 23:53

Instrument :
BNA_F
ClientSampleId :
T6-B4(6-12)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	16.9	25.3

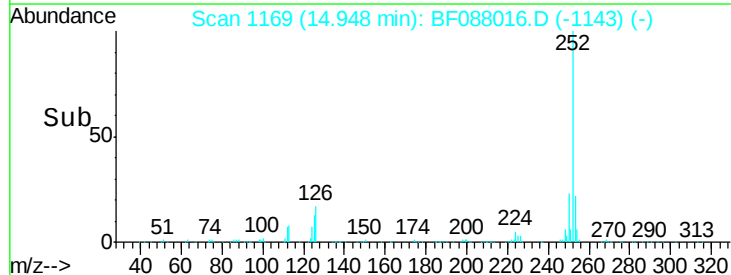
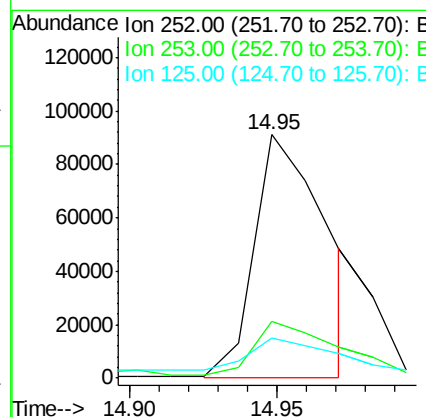
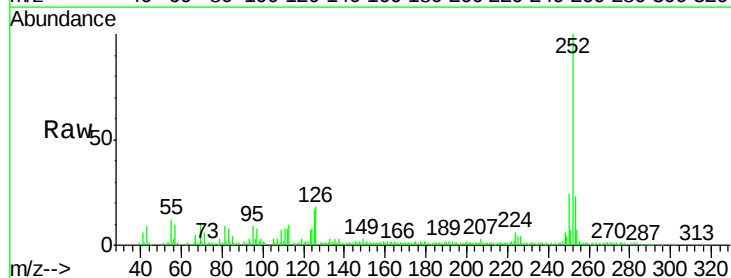
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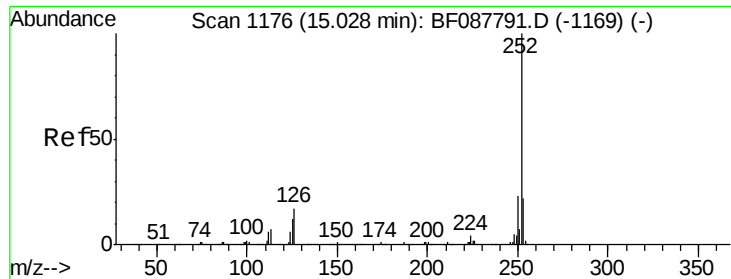
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#87
Benzo(b)fluoranthene
Concen: 10.43 ng m
RT: 14.95 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF088016.D
Acq: 14 Jun 2016 23:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	16.5	7.1	10.7#





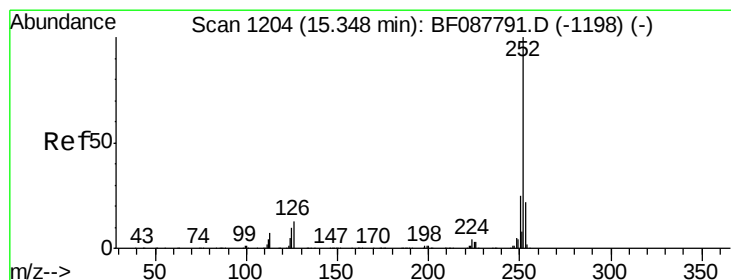
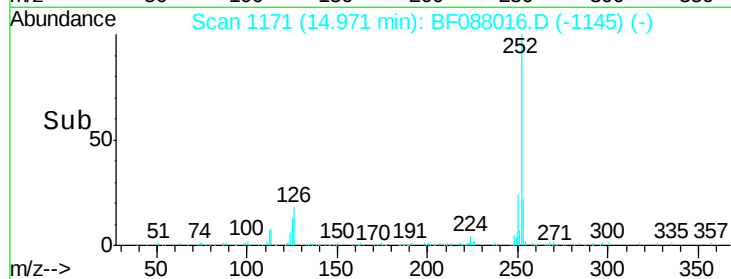
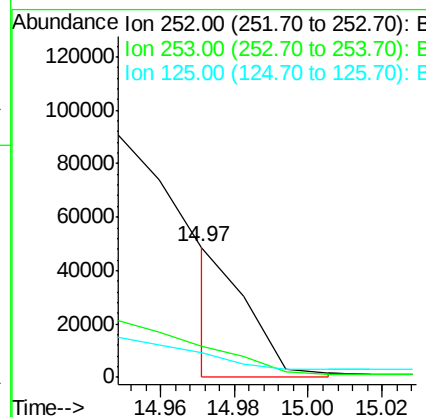
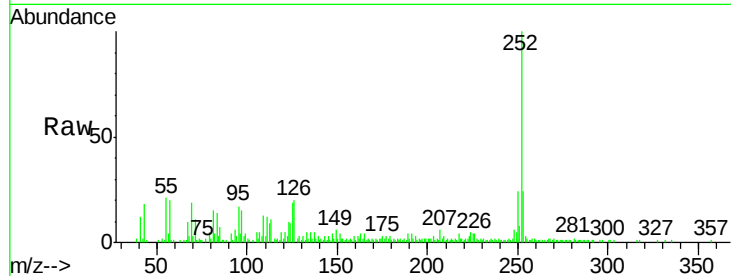
#88
Benzo(k)fluoranthene
Concen: 2.10 ng/ml
RT: 14.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF088016.D
Acq: 14 Jun 2016 23:53

Instrument :
BNA_F
ClientSampleId :
T6-B4(6-12)C

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	19.2	11.2	16.8

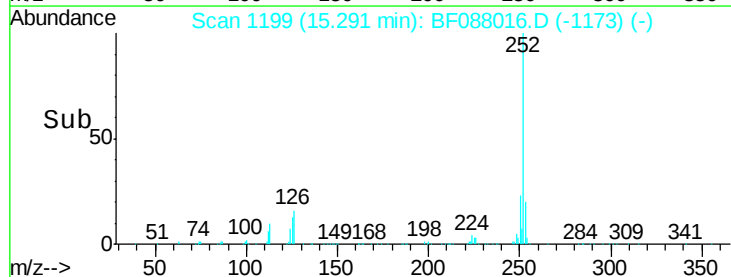
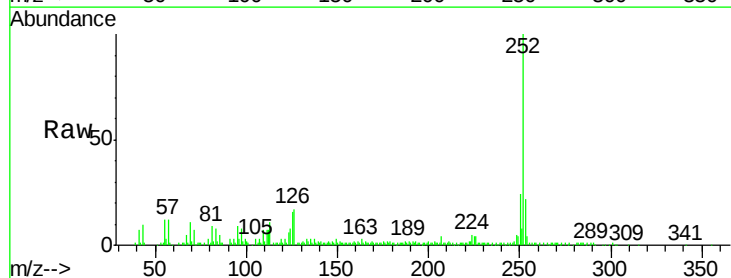
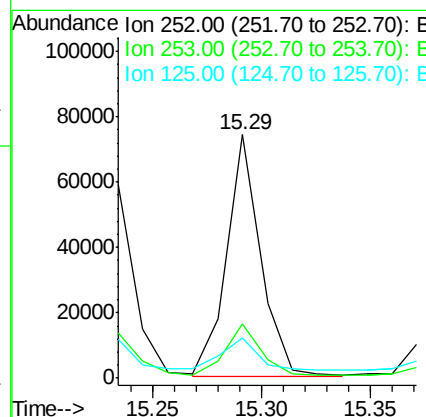
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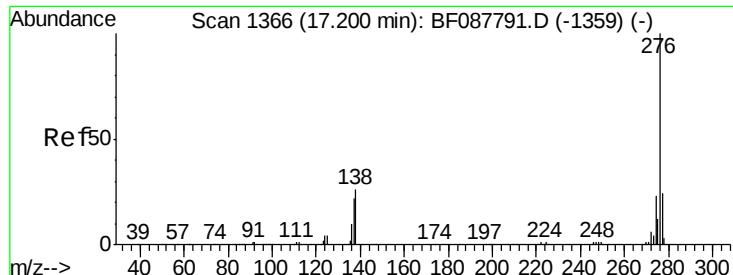
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#89
Benzo(a)pyrene
Concen: 6.62 ng/ml
RT: 15.29 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF088016.D
Acq: 14 Jun 2016 23:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	16.4	12.5	18.7





#91
 Benzo(a,h,i)perylene
 Concen: 4.13 ng
 RT: 17.11 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF088016.D
 Acq: 14 Jun 2016 23:53

Instrument :
 BNA_F
 ClientSampleId :
 T6-B4(6-12)C

Tot Ion:	276	Resp:	47701
Ion Ratio	Lower	Upper	
276	100		
277	25.8	18.9	28.3
138	27.3	21.4	32.2

Manual Integrations
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