

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082860.D
 Acq On : 10 Nov 2015 8:08
 Operator : UM/IZ
 Sample : G4275-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-10C

Manual Integrations
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 11/10/2015 1:02:41 PM

Quant Time: Nov 10 09:08:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	257222	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	881664	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	483783	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	767310	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	637228	20.00	ng	-0.03
86) Perylene-d12	15.43	264	524153	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1049787	63.50	ng	-0.02
7) Phenol-d6	6.46	99	1663269	75.68	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1065390	52.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	450697	81.25	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1837622	54.44	ng	-0.02
78) Terphenyl-d14	12.93	244	1448565	53.92	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	491169	12.39	ng	99
70) Phenanthrene	11.37	178	438683	9.84	ng	97
71) Anthracene	11.42	178	235345	5.01	ng	96
74) Fluoranthene	12.56	202	1114576	23.31	ng	97
77) Pyrene	12.79	202	1067386	24.39	ng	98
80) Benzo(a)anthracene	13.97	228	477053m	11.97	ng	
82) Chrysene	14.01	228	362813	9.94	ng	96
85) Indeno(1,2,3-cd)pyrene	16.79	276	212383	6.76	ng	95
87) Benzo(b)fluoranthene	15.01	252	405213m	12.04	ng	
88) Benzo(k)fluoranthene	15.03	252	170657m	5.72	ng	
89) Benzo(a)pyrene	15.36	252	350602	12.03	ng	# 95
91) Benzo(a,h,i)perylene	17.20	276	210806	8.92	ng	# 94

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

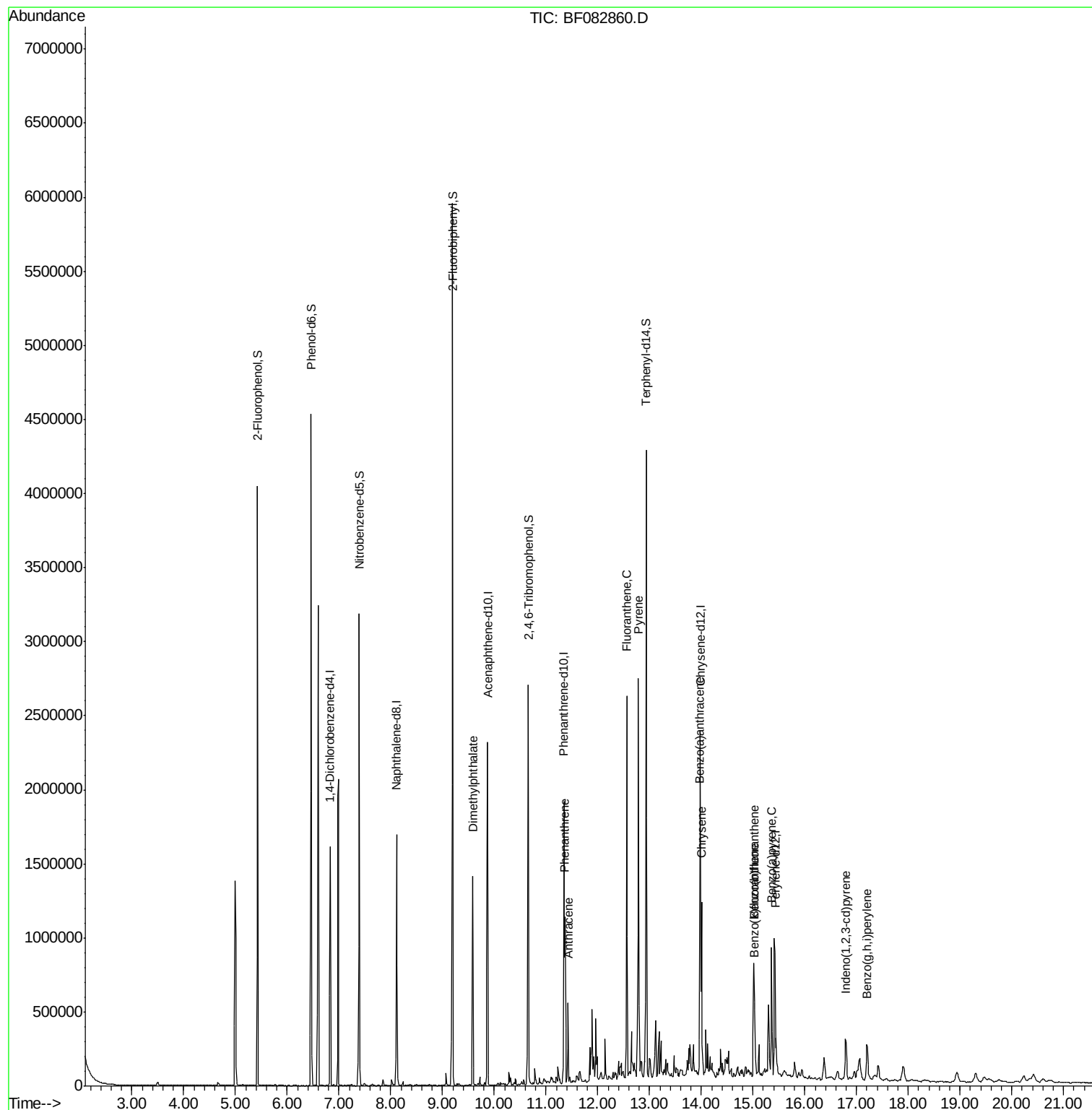
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082860.D
Acq On : 10 Nov 2015 8:08
Operator : UM/IZ
Sample : G4275-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

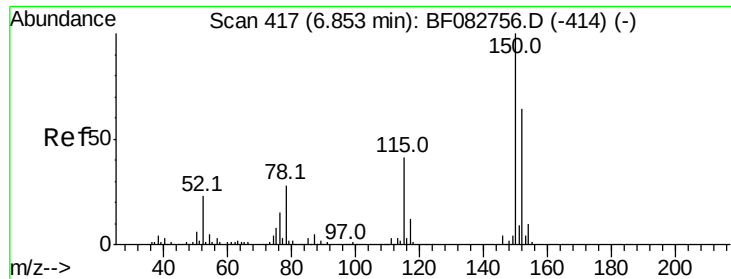
Instrument :
BNA_F
ClientSampleId :
T-10C

Quant Time: Nov 10 09:08:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

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#1

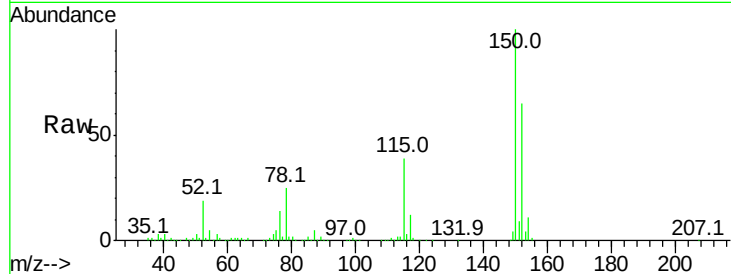
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF082860.D
Acq: 10 Nov 2015 8:08

Instrument :
BNA_F
ClientSampleId :
T-10C

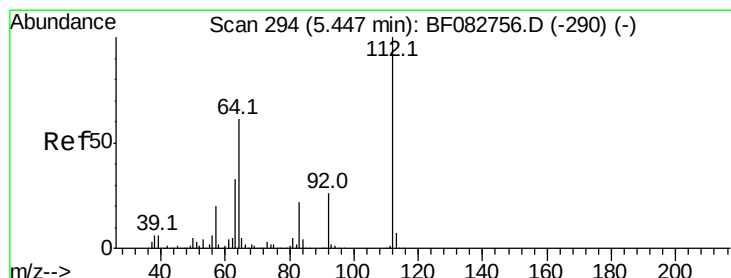
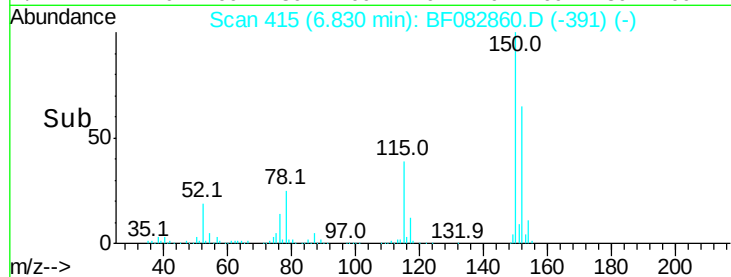
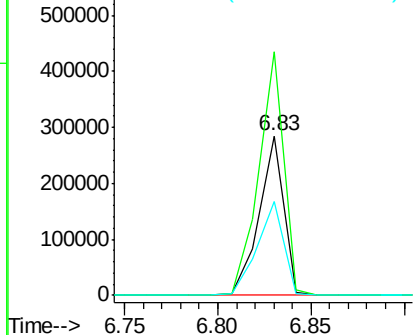
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	127.0	190.4
115	59.0	47.0	70.6

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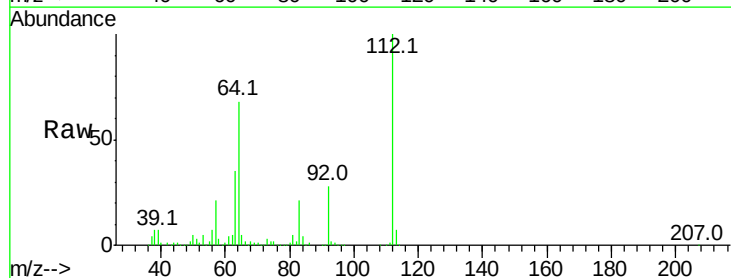
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



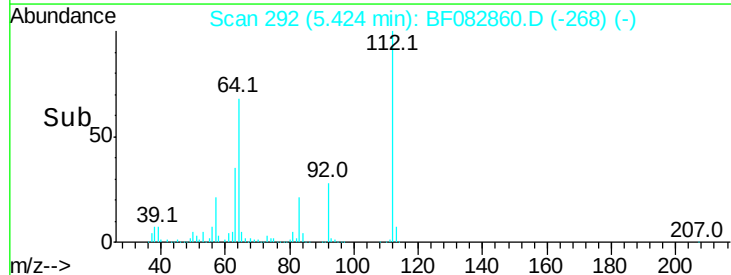
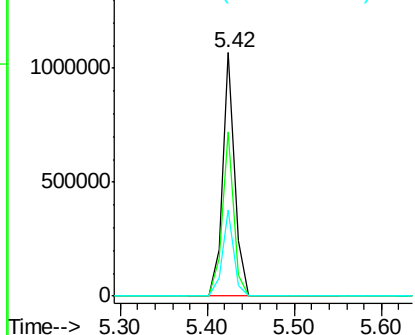
#5

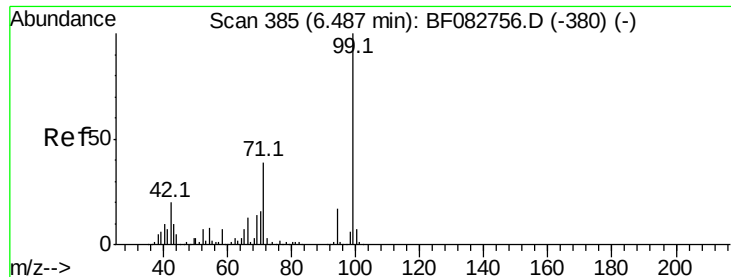
2-Fluorophenol
Concen: 63.50 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF082860.D
Acq: 10 Nov 2015 8:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	48.9	73.3
63	35.3	28.1	42.1



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: 75.68 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082860.D

Acq: 10 Nov 2015 8:08

Instrument :

BNA_F

ClientSampleId :

T-10C

Tot Ion: 99 Resp: 1663269

Ion Ratio Lower Upper

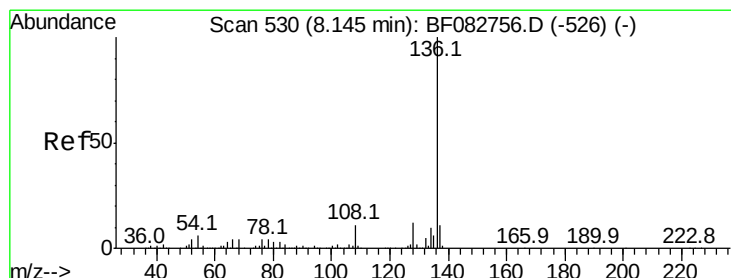
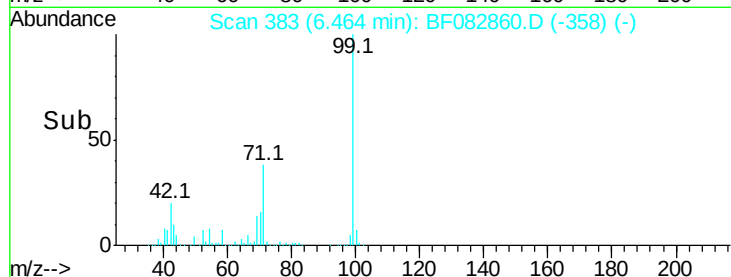
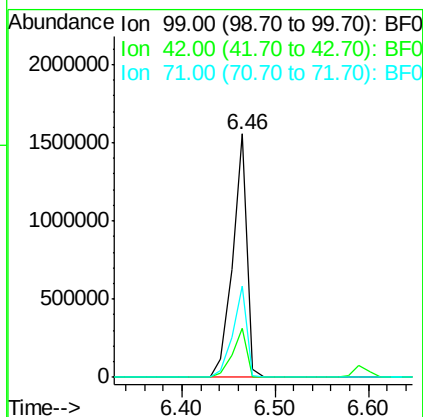
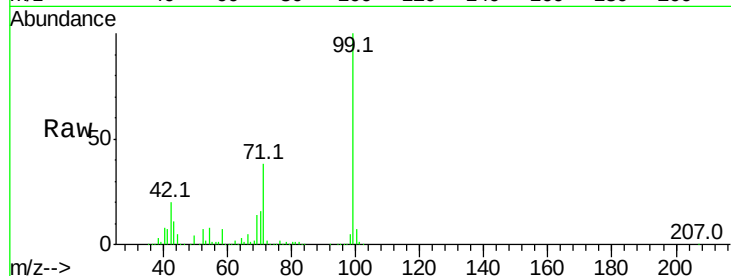
99 100

42 20.0 19.2 28.8

71 37.5 35.0 52.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF082860.D

Acq: 10 Nov 2015 8:08

Tgt Ion: 136 Resp: 881664

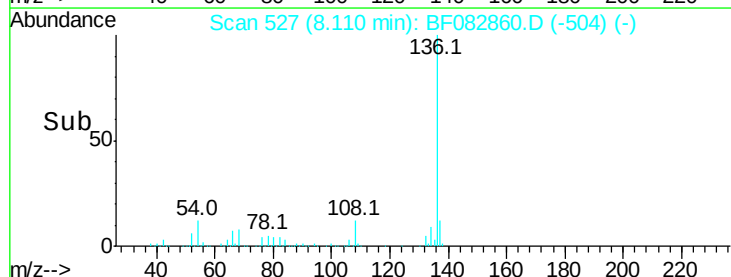
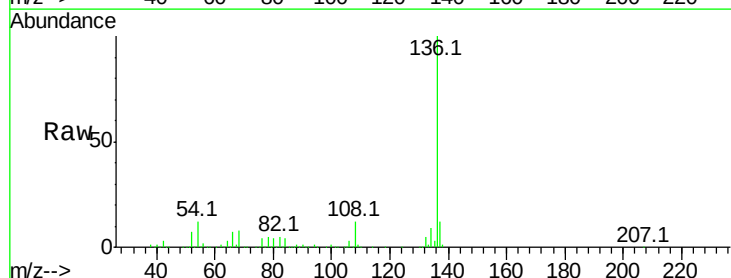
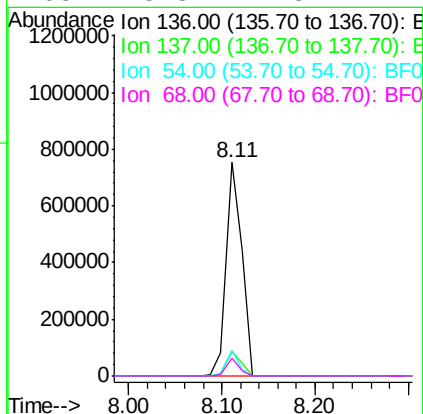
Ion Ratio Lower Upper

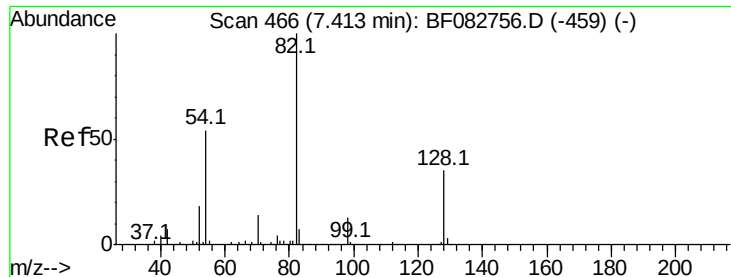
136 100

137 11.5 9.1 13.7

54 11.7 9.1 13.7

68 8.3 4.8 7.2#





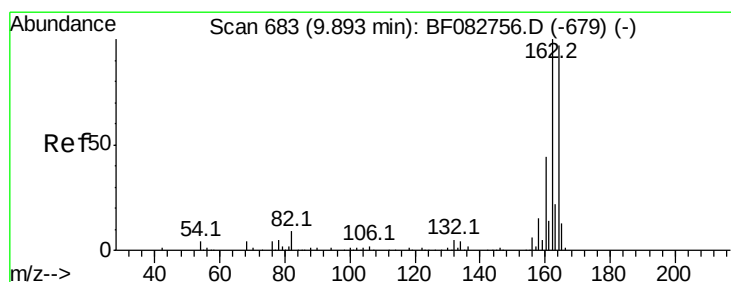
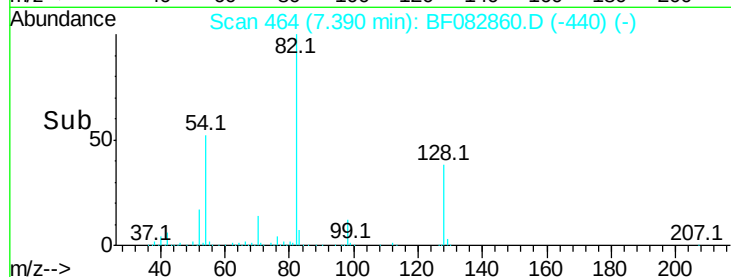
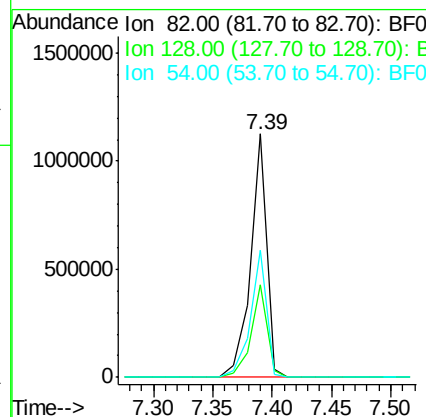
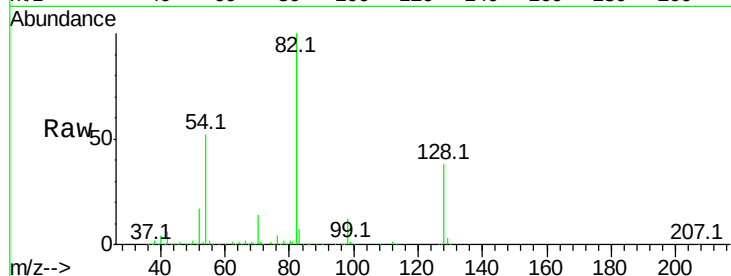
#23
 Nitrobenzene-d5
 Concen: 52.58 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082860.D
 Acq: 10 Nov 2015 8:08

Instrument :
 BNA_F
 ClientSampleId :
 T-10C

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	26.8	40.2
54	52.1	45.7	68.5

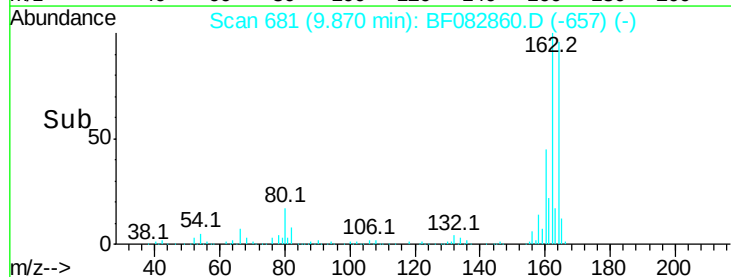
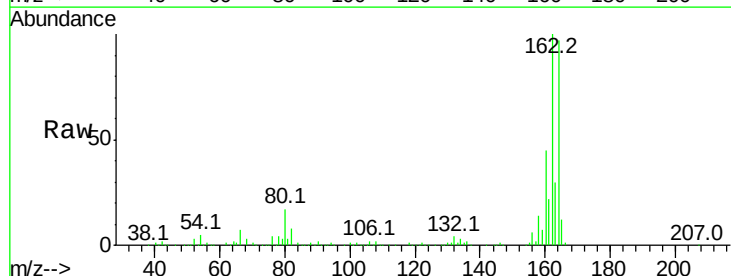
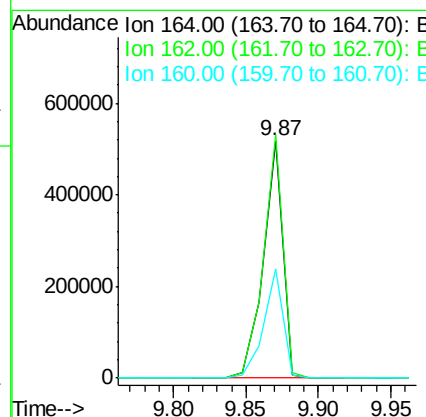
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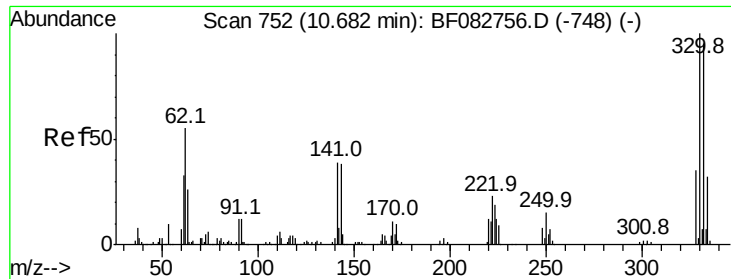
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082860.D
 Acq: 10 Nov 2015 8:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	84.9	127.3
160	45.8	37.5	56.3





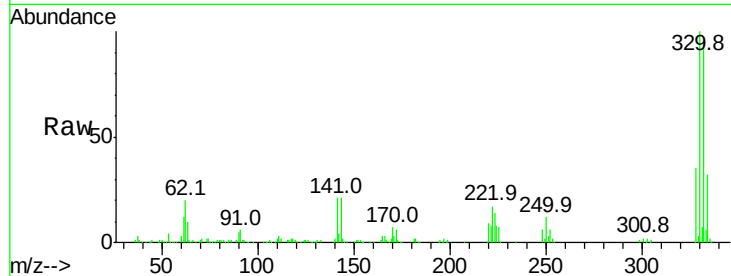
#41
 2,4,6-Tribromophenol
 Concen: 81.25 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082860.D
 Acq: 10 Nov 2015 8:08

Instrument :
 BNA_F
 ClientSampleId :
 T-10C

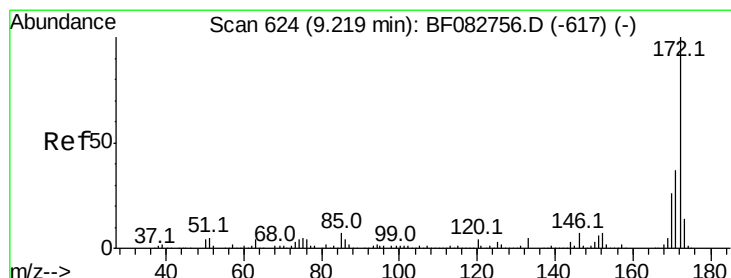
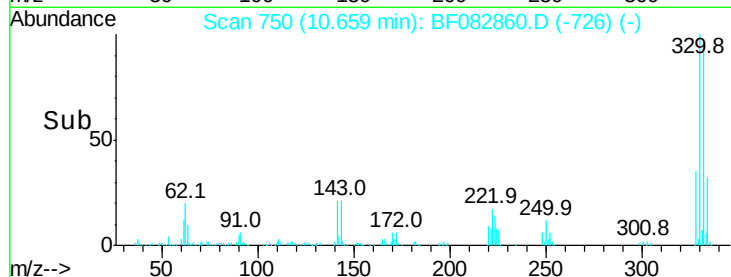
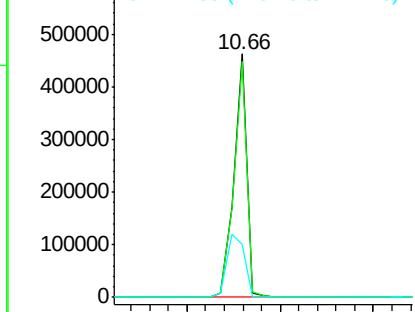
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	76.6	114.8	
141	35.3	41.2	61.8#	

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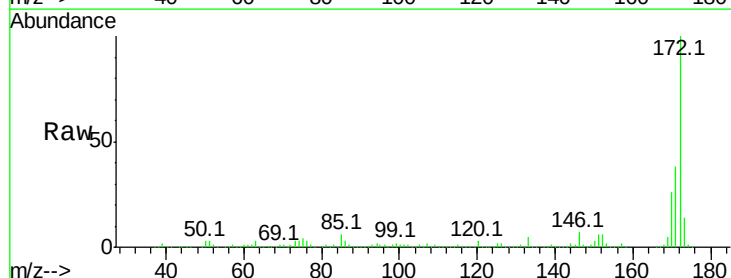


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

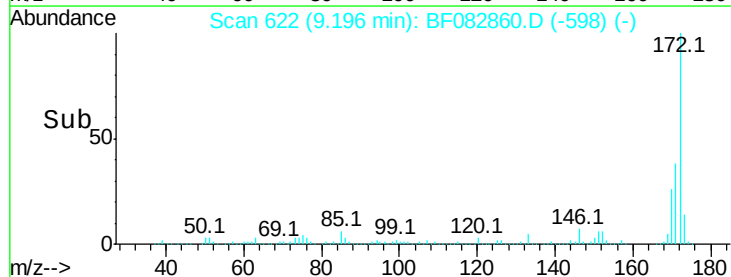
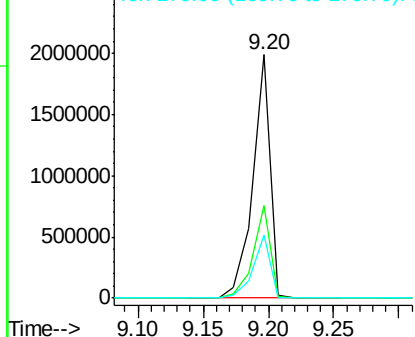


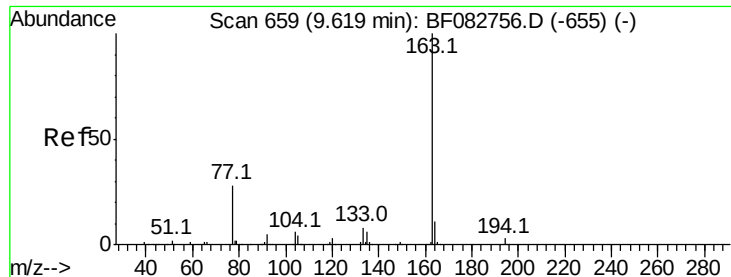
#44
 2-Fluorobiphenyl
 Concen: 54.44 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082860.D
 Acq: 10 Nov 2015 8:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.0	30.8	46.2	
170	25.8	21.2	31.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 12.39 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF082860.D

Acq: 10 Nov 2015 8:08

Instrument :

BNA_F

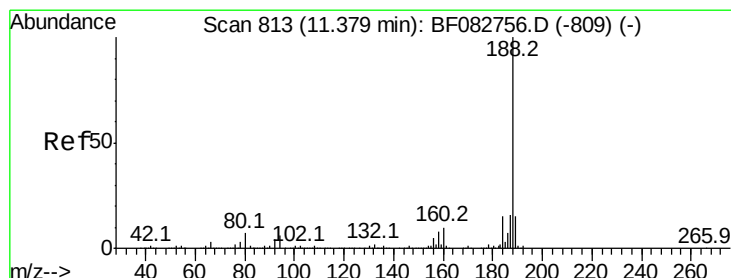
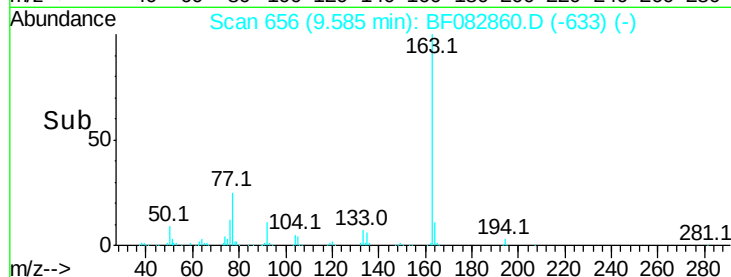
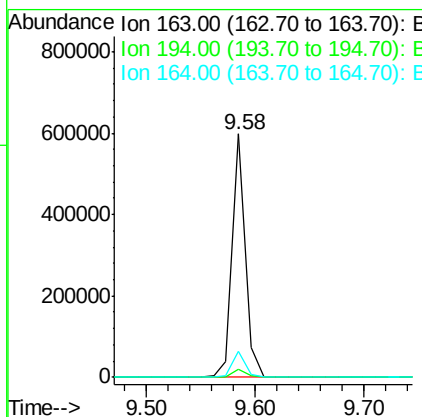
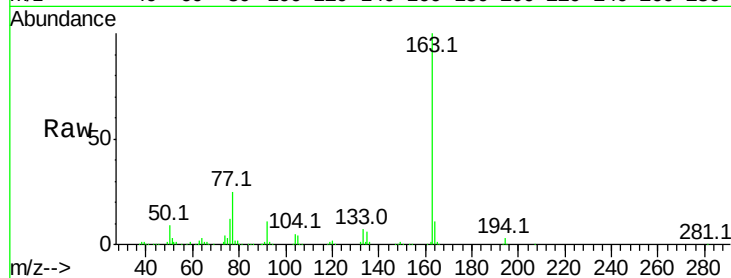
ClientSampleId :

T-10C

Tot Ion:	163	Resp:	491169
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.6	4.0
164	10.6	8.7	13.1

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#63

Phenanthrene-d10

Concen: 20.00 ng

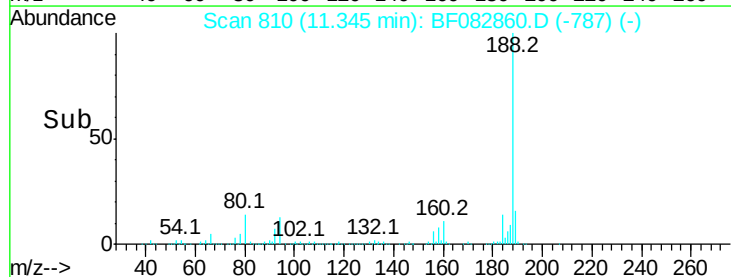
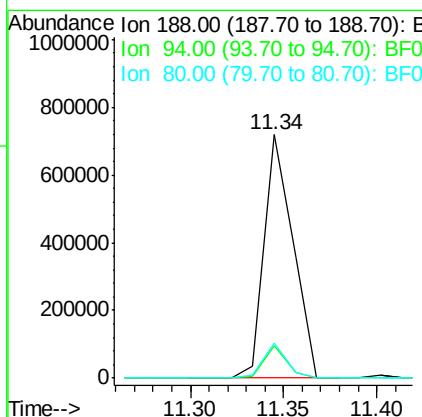
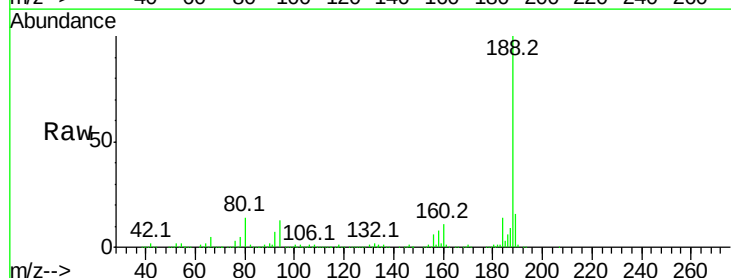
RT: 11.34 min Scan# 810

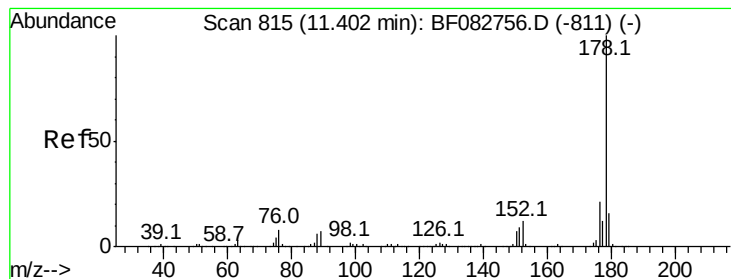
Delta R.T. -0.03 min

Lab File: BF082860.D

Acq: 10 Nov 2015 8:08

Tgt Ion:	188	Resp:	767310
Ion Ratio	Lower	Upper	
188	100		
94	13.1	6.1	9.1#
80	14.1	7.0	10.6#





#70

Phenanthrene

Concen: 9.84 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF082860.D

Acq: 10 Nov 2015 8:08

Instrument :

BNA_F

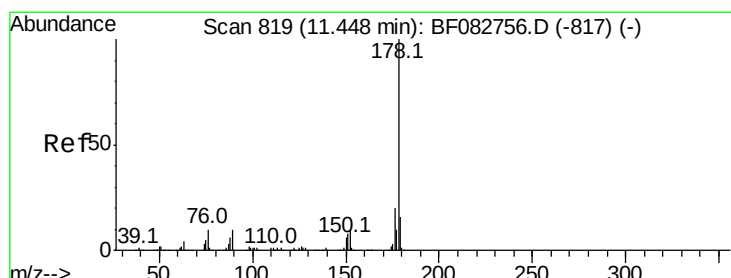
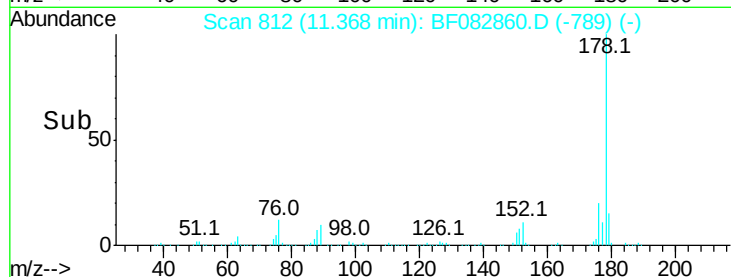
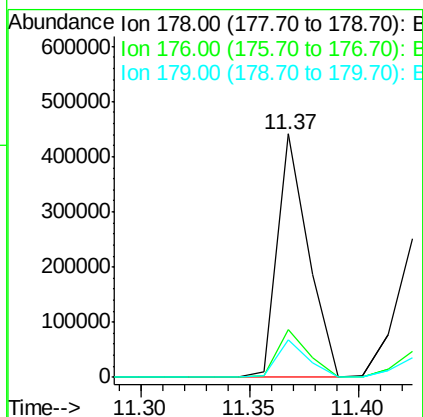
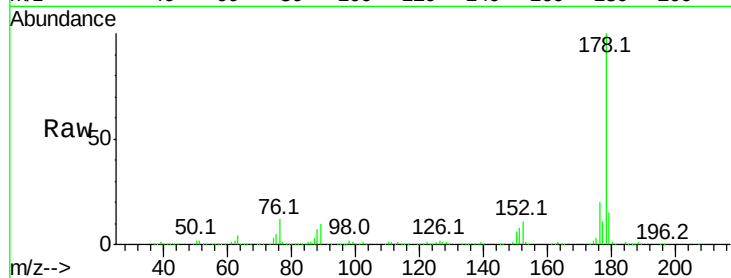
ClientSampled :

T-10C

Tot Ion:178	Resp:	438683
Ion Ratio	Lower	Upper
178	100	
176	19.8	17.0 25.4
179	15.3	13.4 20.0

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#71

Anthracene

Concen: 5.01 ng

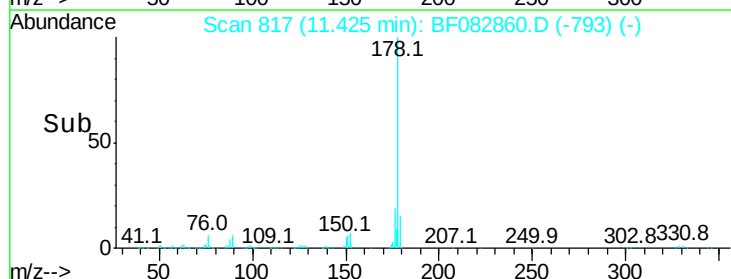
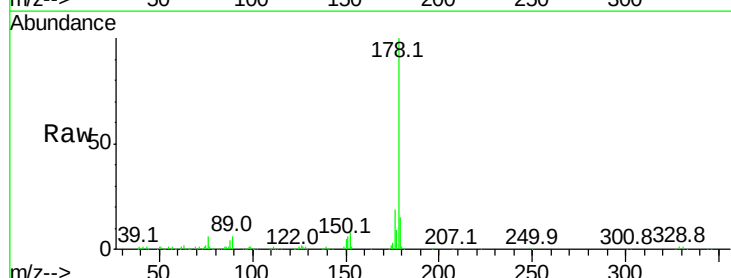
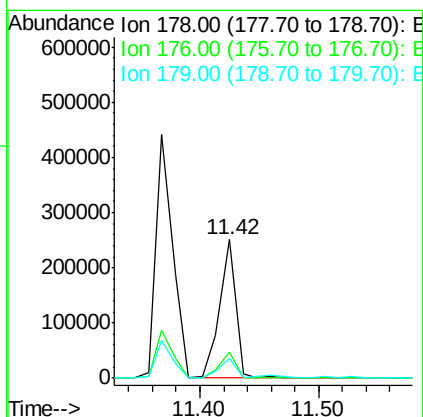
RT: 11.42 min Scan# 817

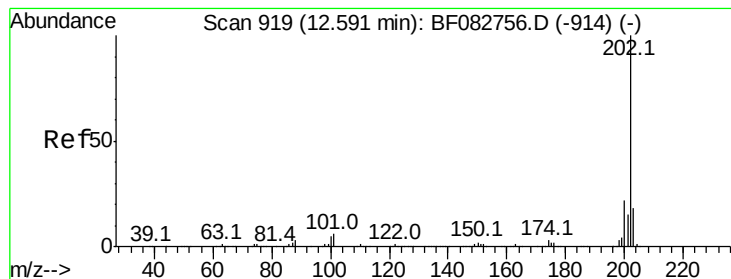
Delta R.T. -0.02 min

Lab File: BF082860.D

Acq: 10 Nov 2015 8:08

Tgt Ion:178	Resp:	235345
Ion Ratio	Lower	Upper
178	100	
176	18.6	16.5 24.7
179	14.7	13.2 19.8





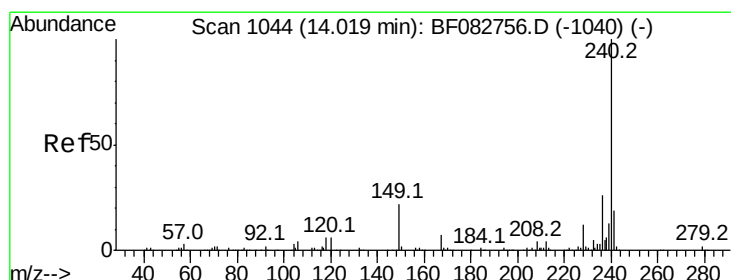
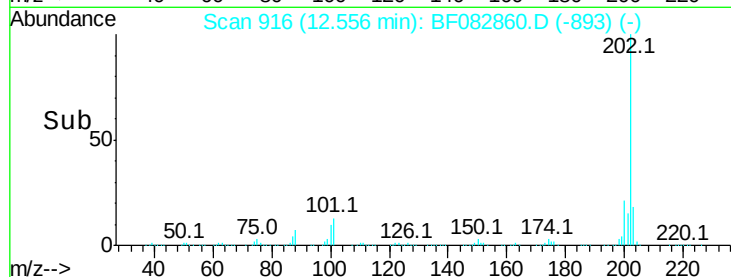
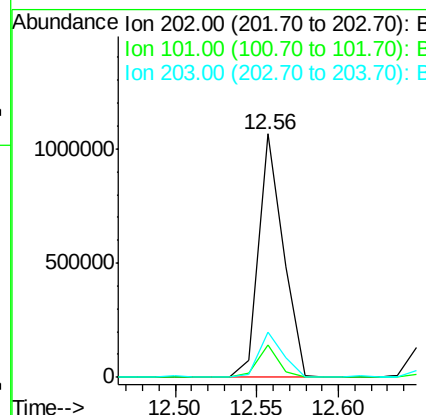
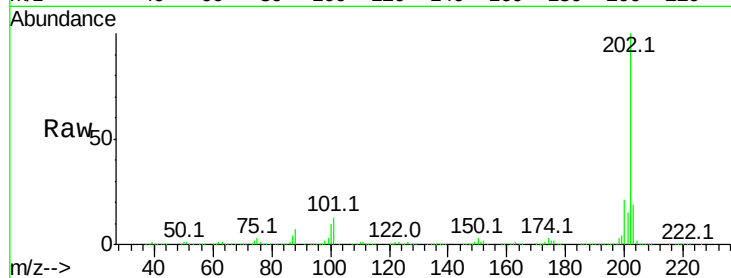
#74
 Fluoranthene
 Concen: 23.31 ng
 RT: 12.56 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF082860.D
 Acq: 10 Nov 2015 8:08

Instrument :
 BNA_F
 ClientSampled :
 T-10C

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	30.5
203	18.5	0.0	38.5

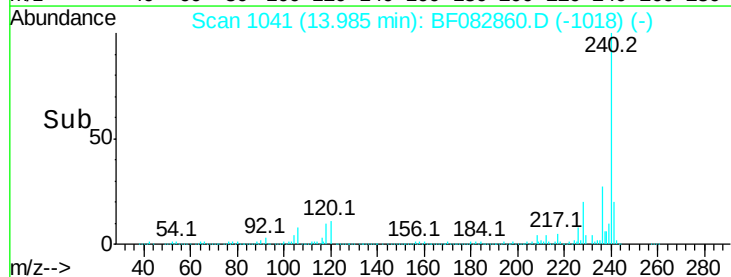
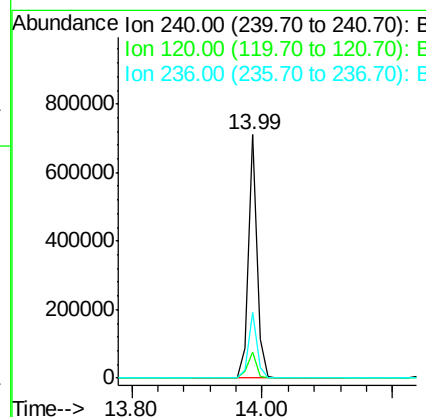
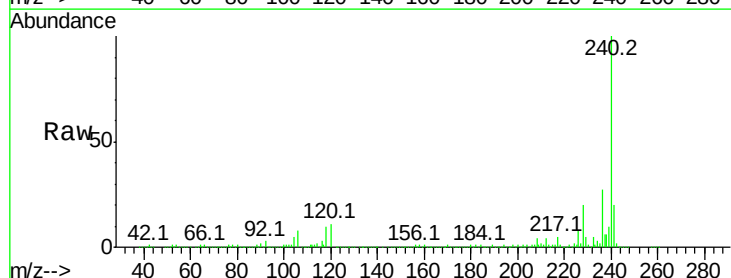
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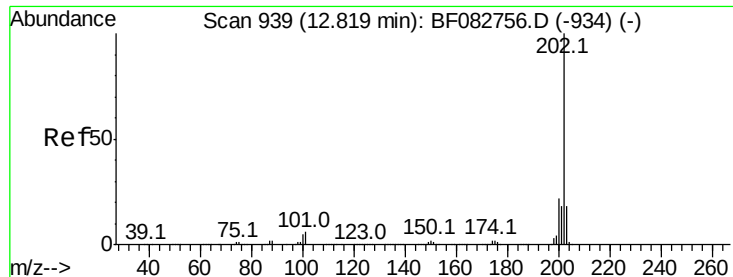
Mmdadoda
 11/10/2015 1:02:41 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082860.D
 Acq: 10 Nov 2015 8:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.9	16.3#
236	26.8	21.6	32.4





#77

Pvrene

Concen: 24.39 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF082860.D

Acq: 10 Nov 2015 8:08

Instrument :

BNA_F

ClientSampleId :

T-10C

Tot Ion:202 Resp: 1067386

Ion Ratio Lower Upper

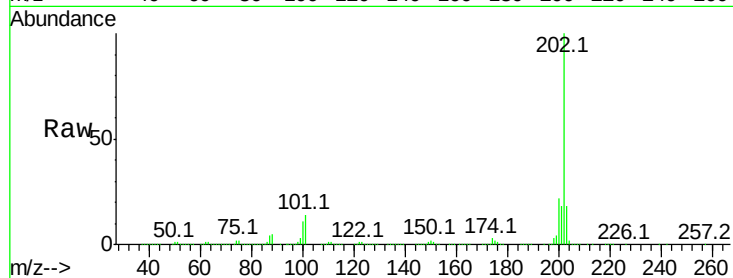
202 100

200 22.1 18.7 28.1

203 18.4 14.8 22.2

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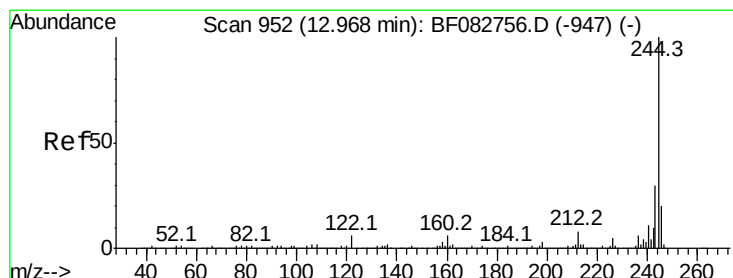
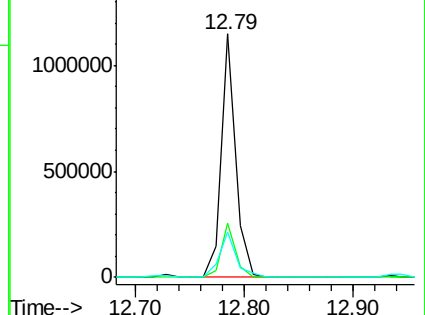
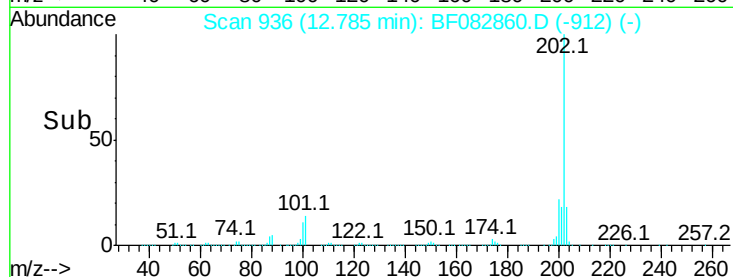
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 53.92 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082860.D

Acq: 10 Nov 2015 8:08

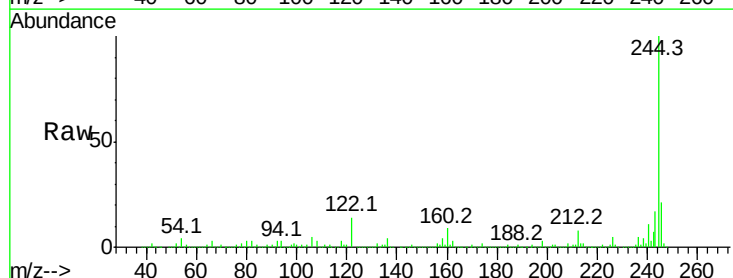
Tgt Ion:244 Resp: 1448565

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

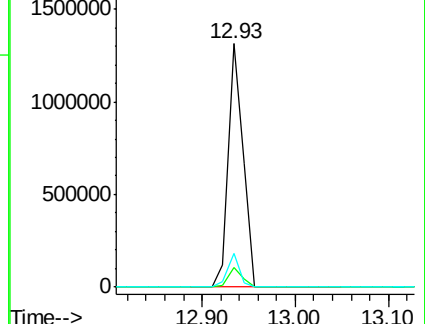
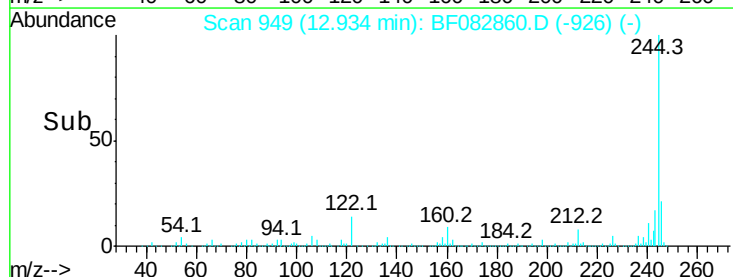
122 13.8 11.3 16.9

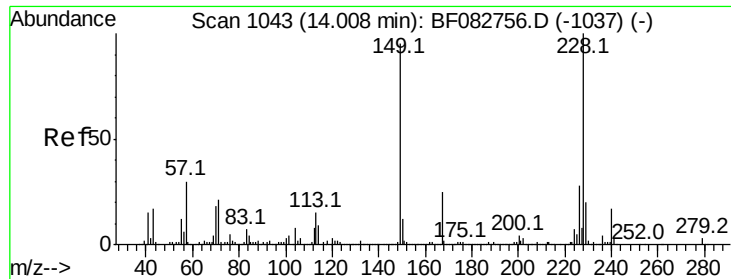


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





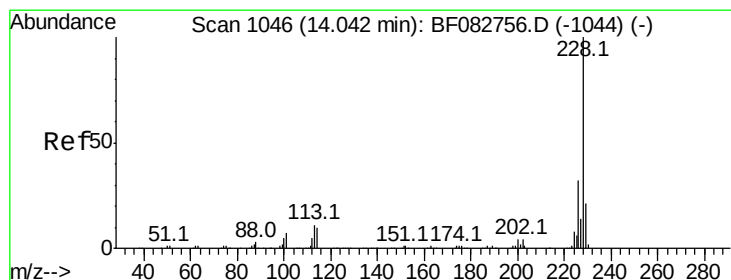
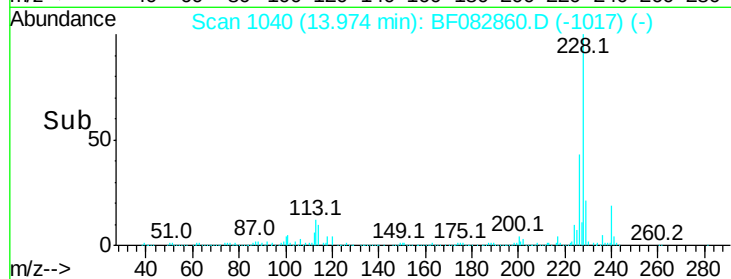
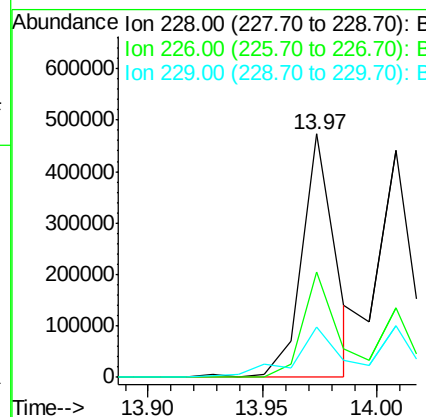
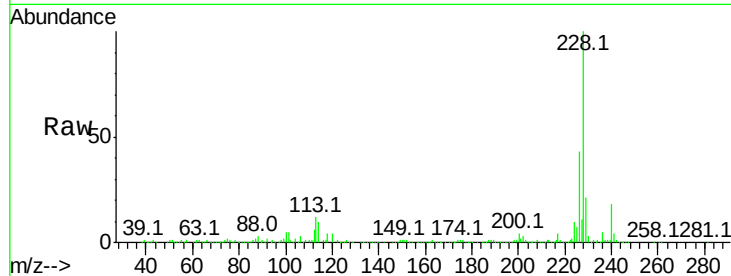
#80
 Benzo(a)anthracene
 Concen: 11.97 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF082860.D
 Acq: 10 Nov 2015 8:08

Instrument :
 BNA_F
 ClientSampled :
 T-10C

Tot Ion:	228	Resp:	477053
Ion Ratio	Lower	Upper	
228	100		
226	43.2	23.4	35.2#
229	20.8	16.3	24.5

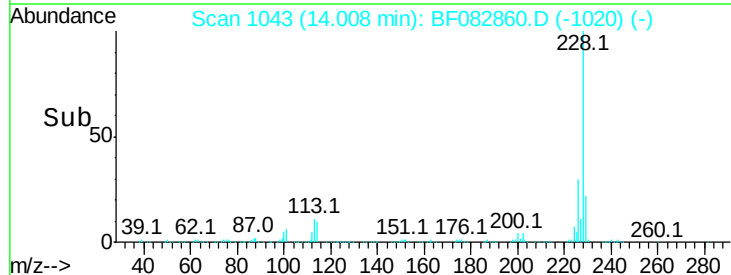
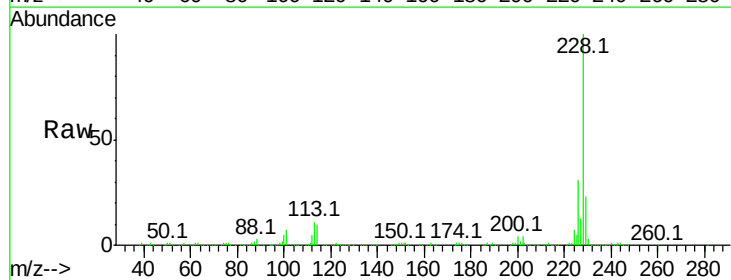
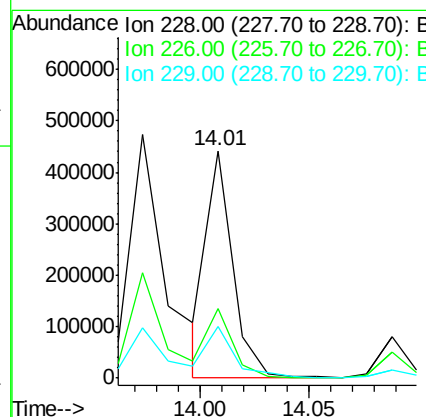
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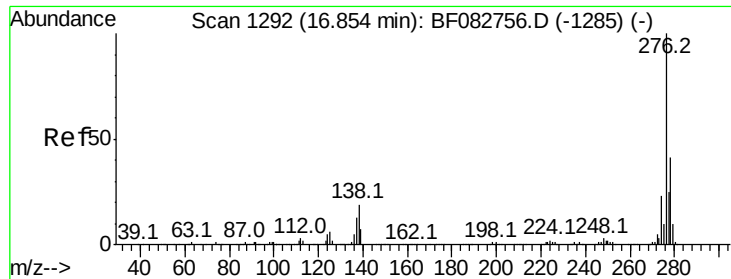
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#82
 Chrysene
 Concen: 9.94 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF082860.D
 Acq: 10 Nov 2015 8:08

Tgt Ion:	228	Resp:	362813
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.5	38.3
229	23.0	16.3	24.5





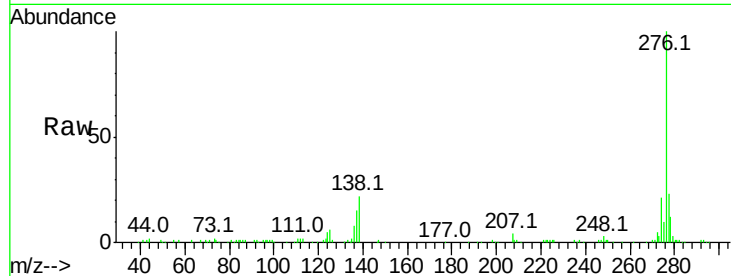
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.76 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.07 min
Lab File: BF082860.D
Acq: 10 Nov 2015 8:08

Instrument :
BNA_F
ClientSampleId :
T-10C

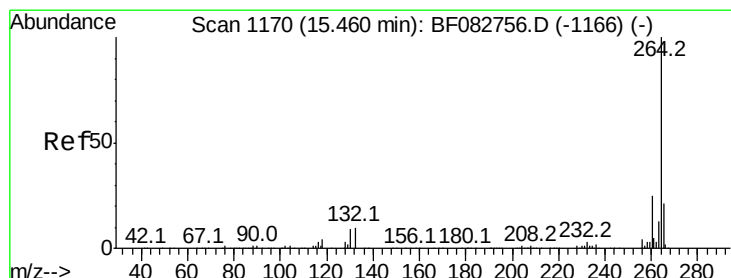
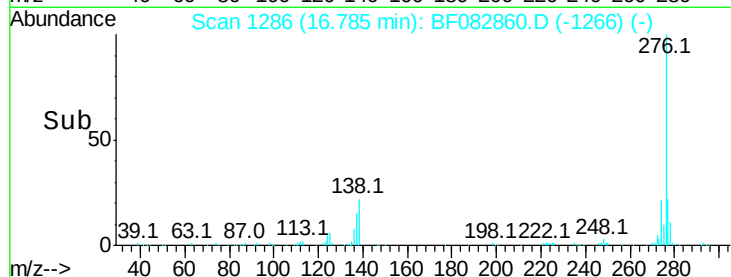
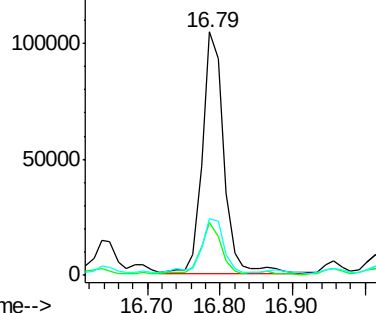
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	15.3	22.9
277	23.4	20.2	30.4

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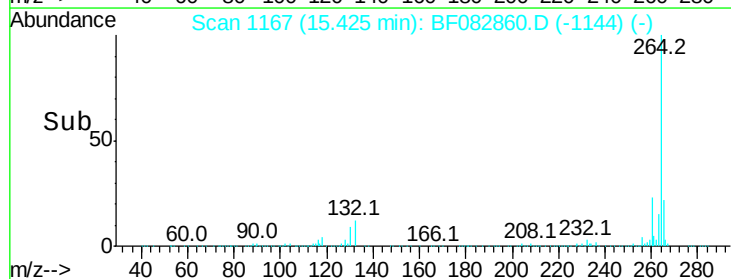
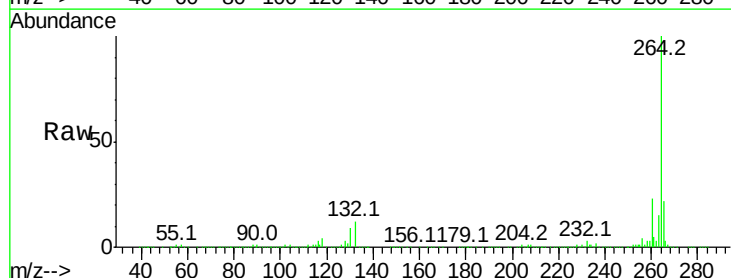
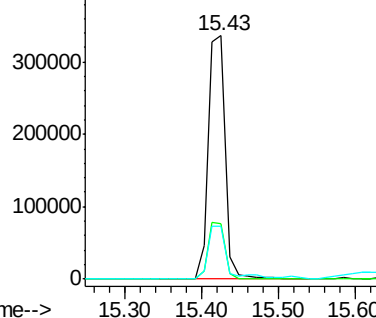
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

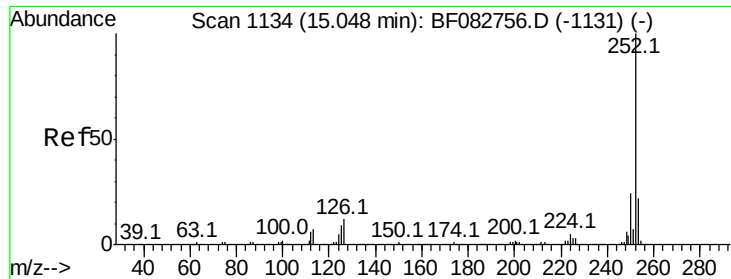


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082860.D
Acq: 10 Nov 2015 8:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.8	29.6
265	21.8	17.4	26.0

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





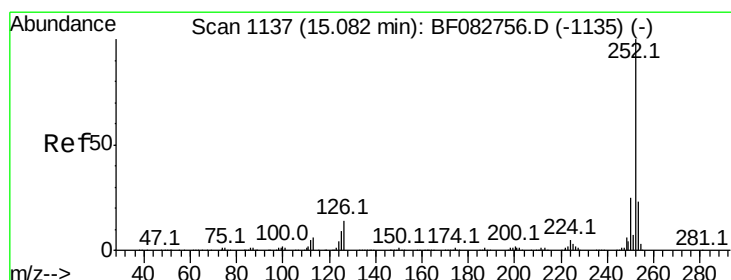
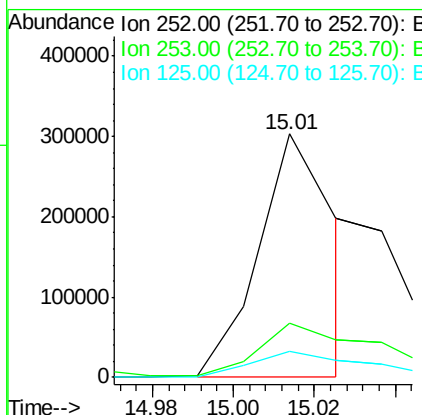
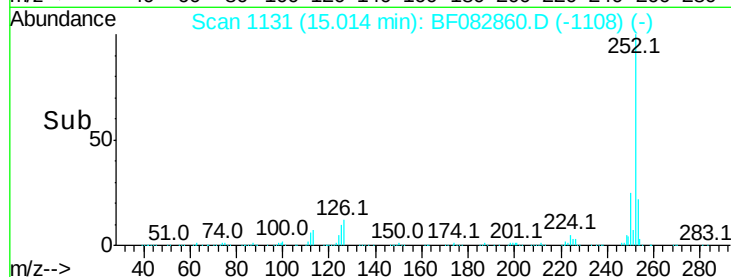
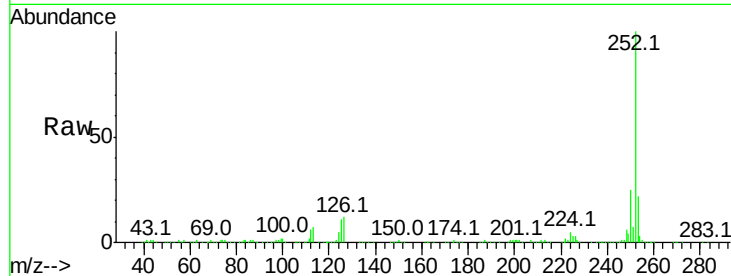
#87
Benzo(b)fluoranthene
Concen: 12.04 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.03 min
Lab File: BF082860.D
Acq: 10 Nov 2015 8:08

Instrument :
BNA_F
ClientSampleId :
T-10C

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.6	5.4	8.2#

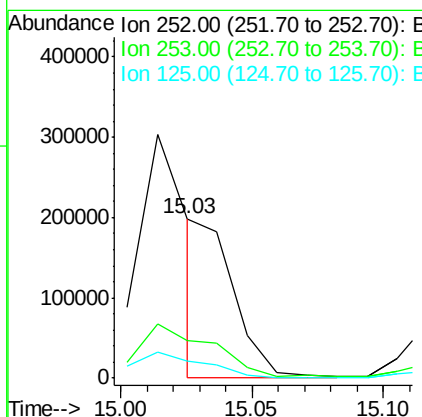
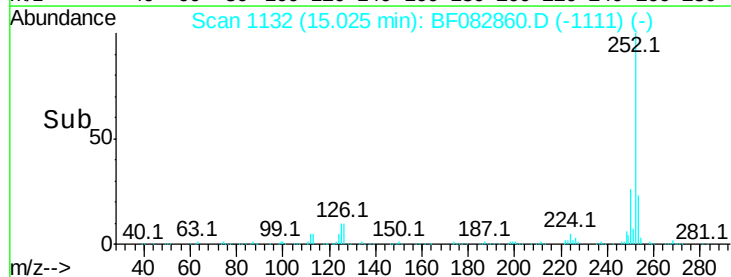
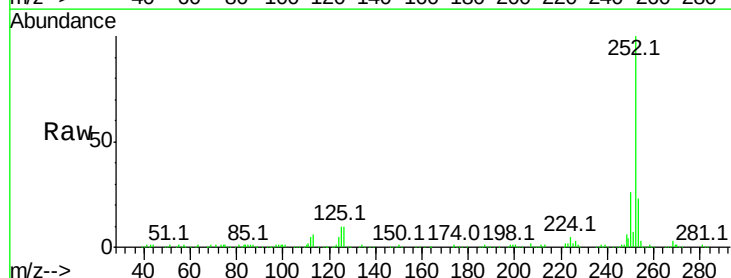
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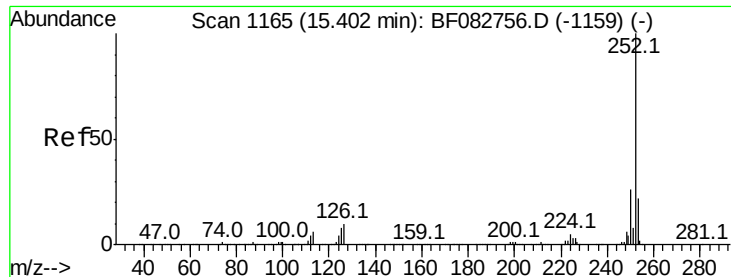
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#88
Benzo(k)fluoranthene
Concen: 5.72 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.06 min
Lab File: BF082860.D
Acq: 10 Nov 2015 8:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	10.4	3.5	5.3#





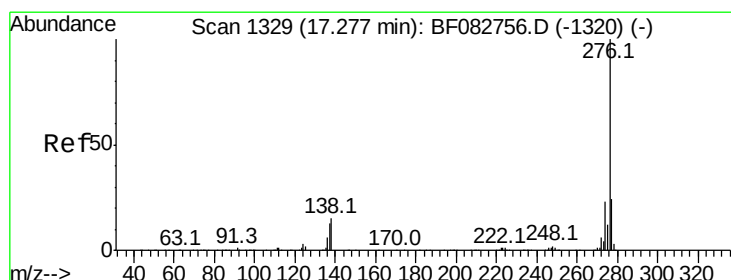
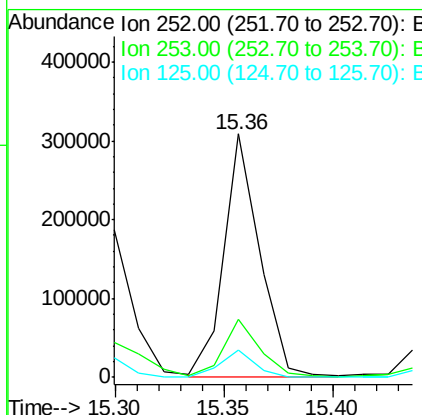
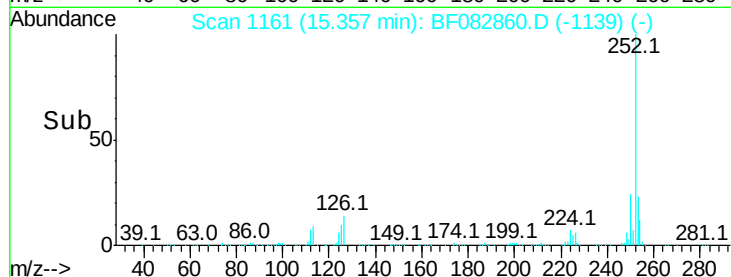
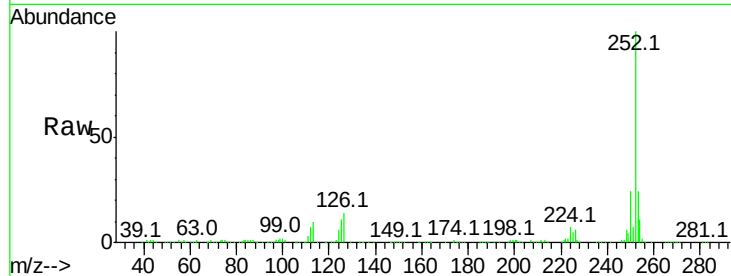
#89
Benzo(a)pyrene
Concen: 12.03 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BF082860.D
Acq: 10 Nov 2015 8:08

Instrument :
BNA_F
ClientSampleId :
T-10C

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	11.0	7.1	10.7#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 8.92 ng
RT: 17.20 min Scan# 1322
Delta R.T. -0.07 min
Lab File: BF082860.D
Acq: 10 Nov 2015 8:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	21.9	13.1	19.7#

