

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081514.D
 Acq On : 6 Sep 2015 17:22
 Operator : UM/IZ
 Sample : G3555-10
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Manual Integrations
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 9/8/2015 3:58:58 PM

Quant Time: Sep 07 07:14:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 05:41:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	49362	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	187880	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	76816	20.00	ng	-0.01
63) Phenanthrene-d10	10.86	188	130340	20.00	ng	0.00
75) Chrysene-d12	13.46	240	107584	20.00	ng	0.00
86) Perylene-d12	14.77	264	76891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	446944	140.48	ng	0.02
7) Phenol-d6	6.03	99	557085	132.28	ng	0.00
23) Nitrobenzene-d5	6.94	82	340550	87.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	78314	114.50	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	497574	83.01	ng	-0.01
78) Terphenyl-d14	12.43	244	361342	78.18	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.13	163	106244	17.80	ng	# 97
70) Phenanthrene	10.88	178	23395	3.23	ng	95
74) Fluoranthene	12.04	202	53652	6.84	ng	89
77) Pyrene	12.27	202	44999	5.65	ng	99
80) Benzo(a)anthracene	13.45	228	27928m	4.08	ng	
82) Chrysene	13.49	228	24513m	3.99	ng	
87) Benzo(b)fluoranthene	14.45	252	28487m	5.19	ng	
89) Benzo(a)pyrene	14.72	252	18533	3.98	ng	# 83

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

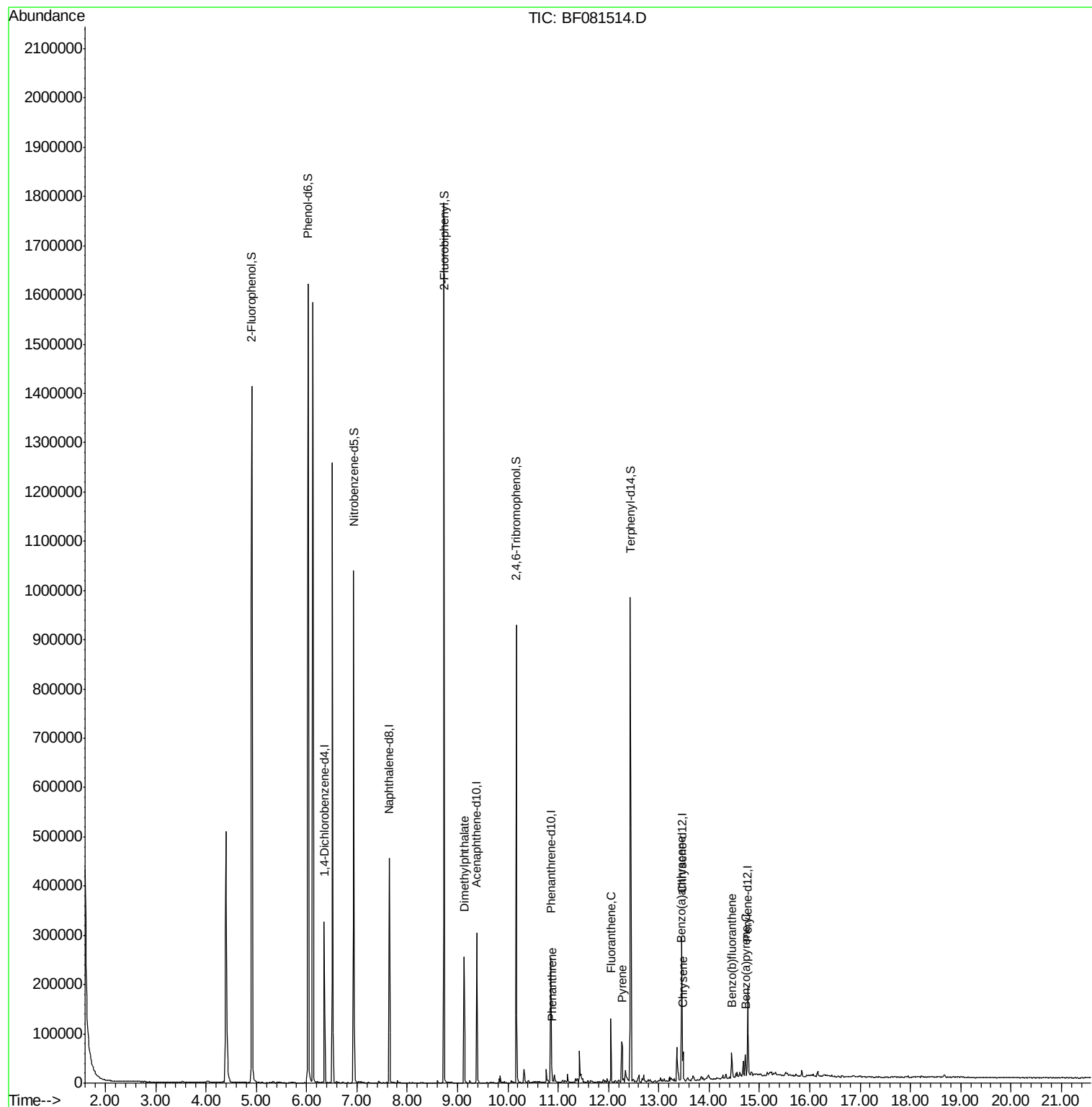
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081514.D
Acq On : 6 Sep 2015 17:22
Operator : UM/IZ
Sample : G3555-10
Misc :
ALS Vial : 89 Sample Multiplier: 1

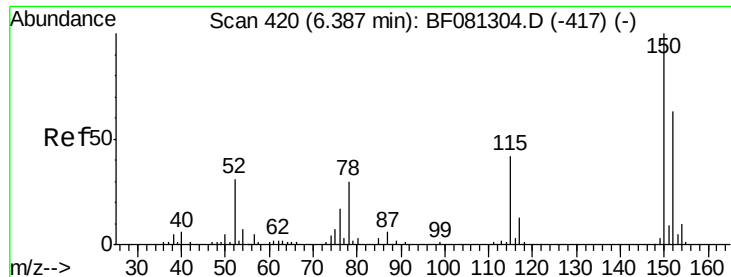
Instrument :
BNA_F
ClientSampleId :
SB-10

Quant Time: Sep 07 07:14:26 2015
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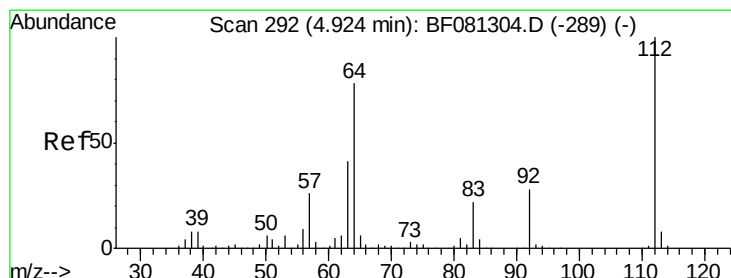
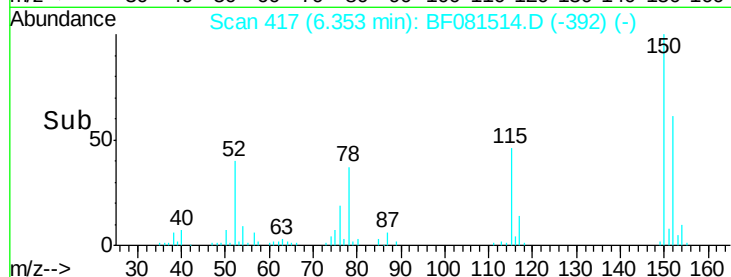
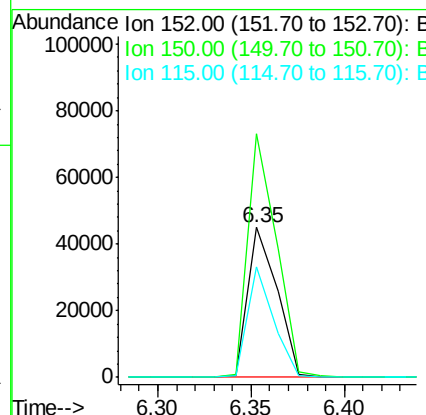
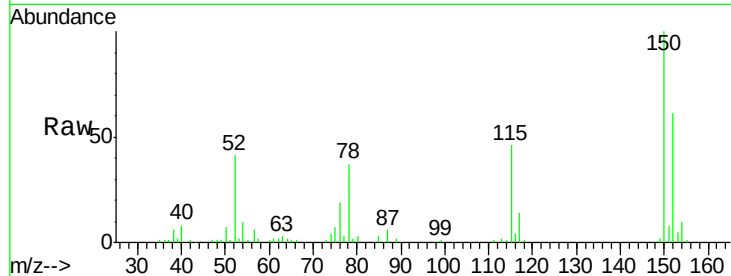
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.35 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF081514.D
 Acq: 6 Sep 2015 17:22

Instrument :
 BNA_F
 ClientSampled :
 SB-10

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.8	124.7	187.1
115	74.2	39.0	58.4#

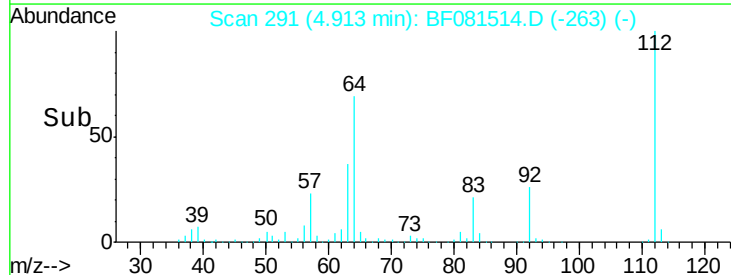
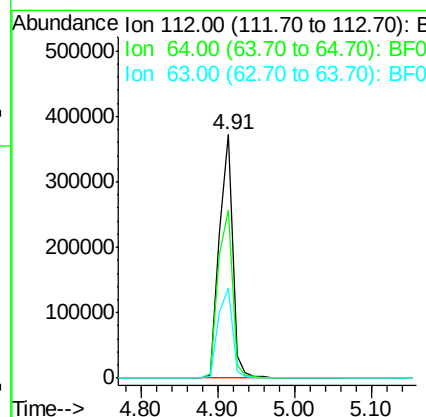
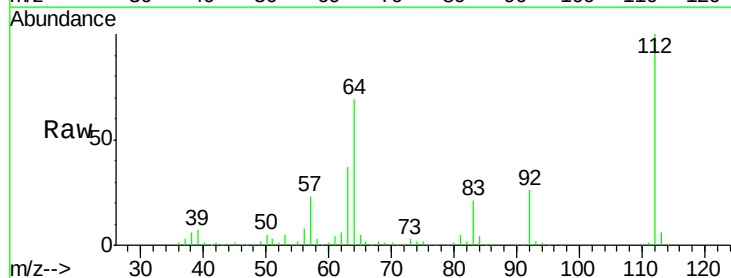
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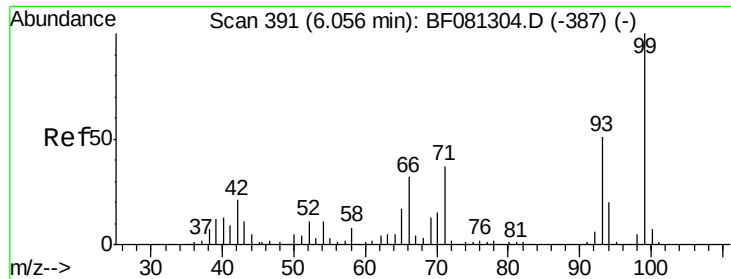
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#5
 2-Fluorophenol
 Concen: 140.48 ng
 RT: 4.91 min Scan# 291
 Delta R.T. 0.02 min
 Lab File: BF081514.D
 Acq: 6 Sep 2015 17:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	39.7	59.5#
63	37.0	17.4	26.0#





#7

Phenol-d6

Concen: 132.28 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081514.D

Acq: 6 Sep 2015 17:22

Instrument :

BNA_F

ClientSampleId :

SB-10

Tgt Ion: 99 Resp: 557085
Ion Ratio Lower Upper

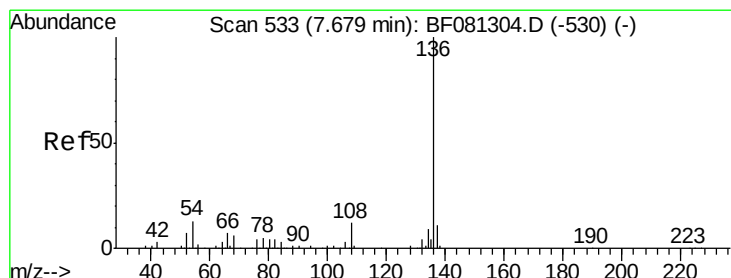
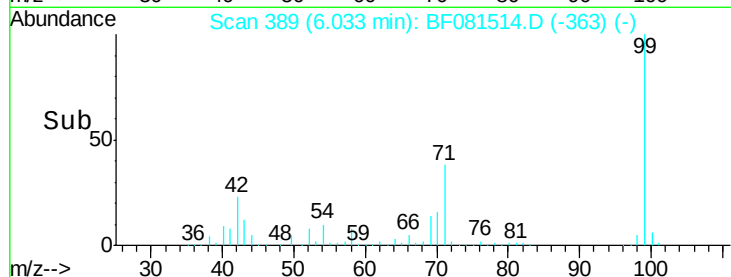
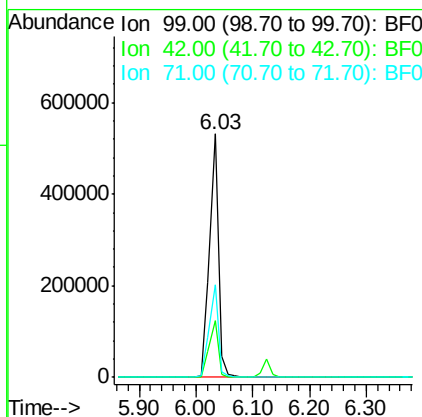
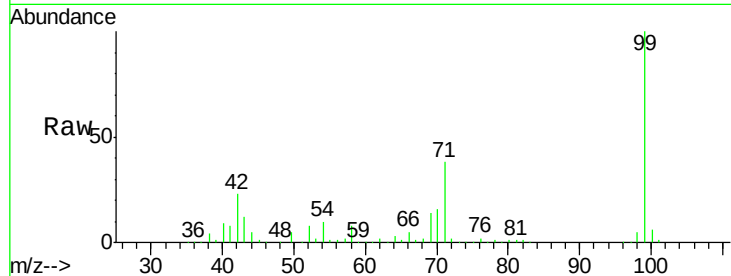
99 100

42 23.2 13.7 20.5#

71 38.1 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081514.D

Acq: 6 Sep 2015 17:22

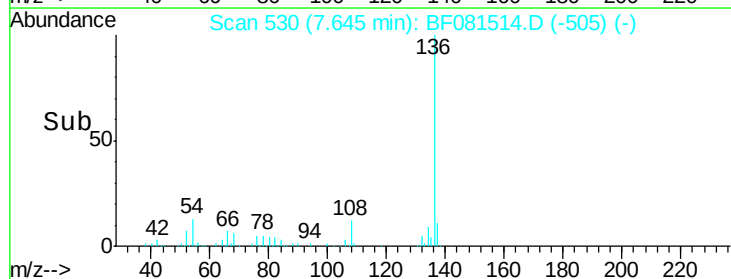
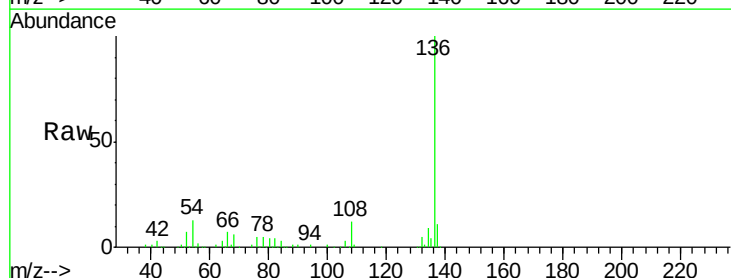
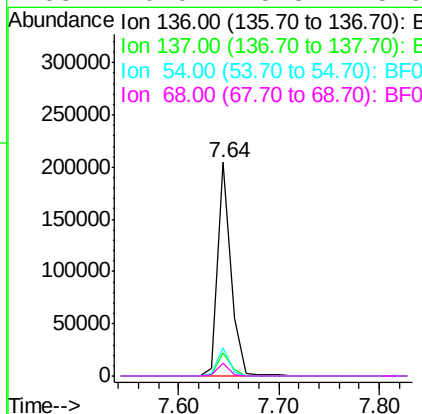
Tgt Ion: 136 Resp: 187880
Ion Ratio Lower Upper

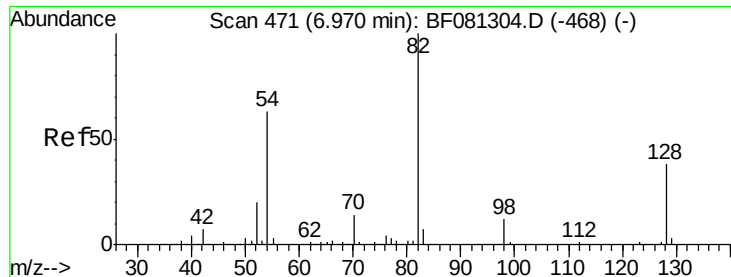
136 100

137 10.7 9.0 13.6

54 13.4 8.2 12.2#

68 6.0 5.8 8.6





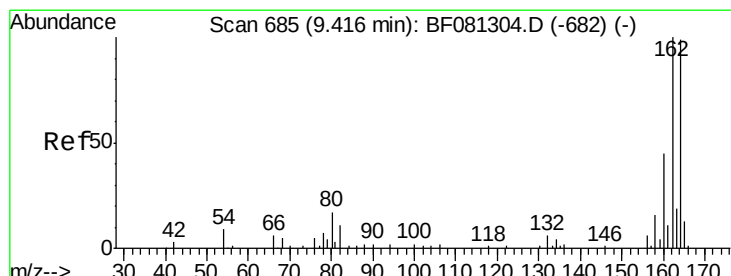
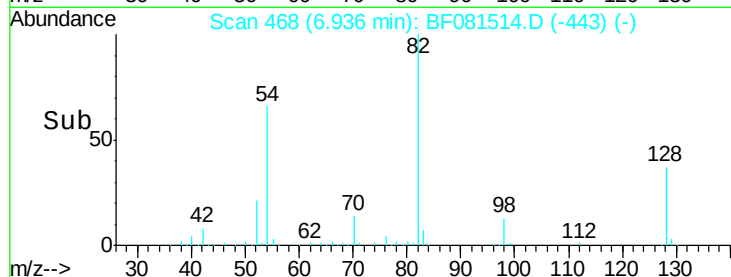
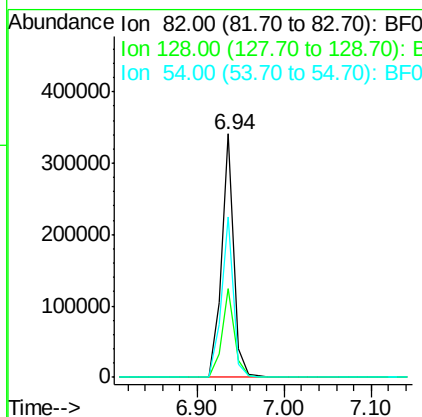
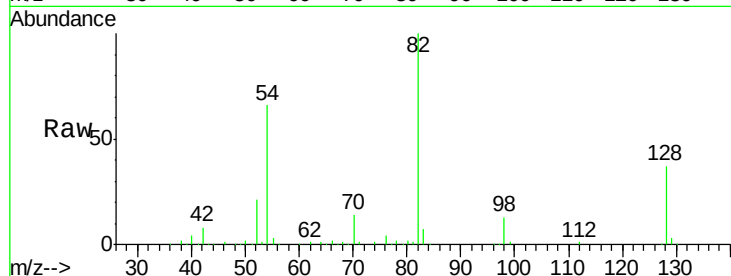
#23
 Nitrobenzene-d5
 Concen: 87.45 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081514.D
 Acq: 6 Sep 2015 17:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	340550		
128	36.6	51.0	76.6#	
54	66.1	47.5	71.3	

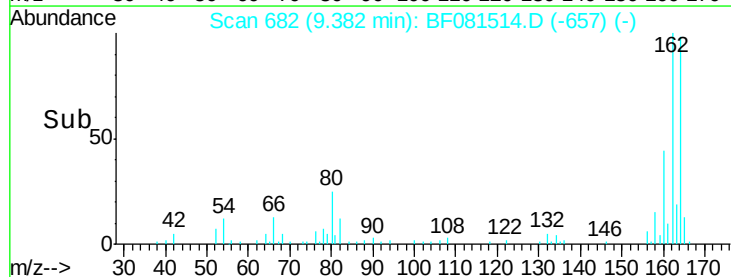
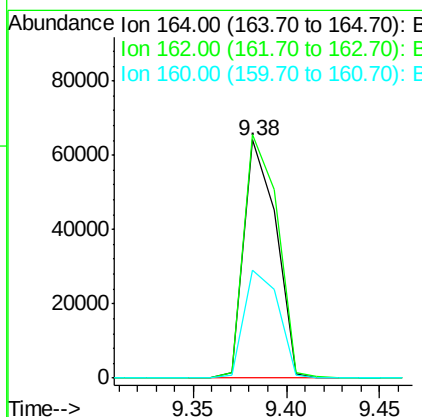
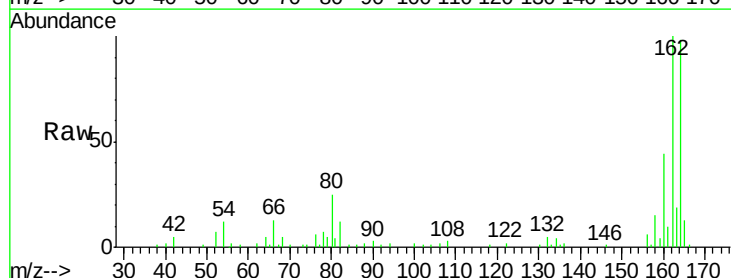
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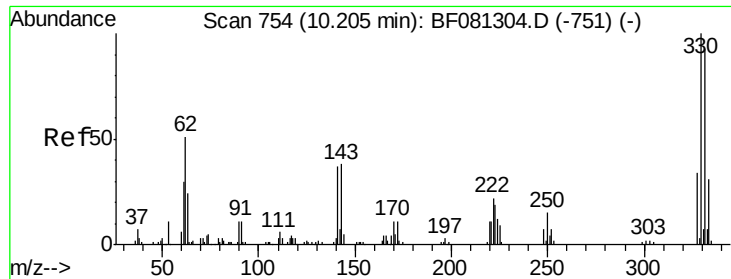
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081514.D
 Acq: 6 Sep 2015 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76816		
162	102.2	75.2	112.8	
160	45.3	31.5	47.3	





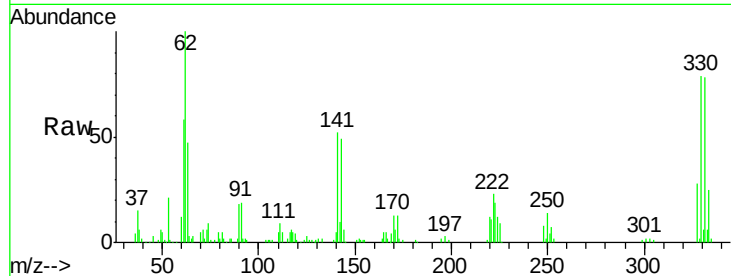
#41
 2,4,6-Tribromophenol
 Concen: 114.50 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081514.D
 Acq: 6 Sep 2015 17:22

Instrument :
 BNA_F
 ClientSampled :
 SB-10

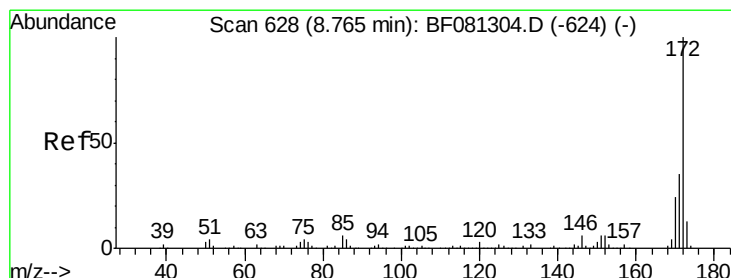
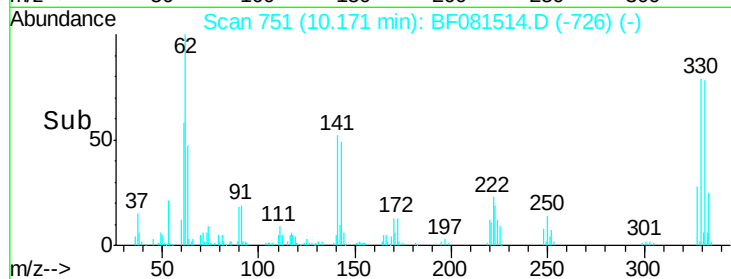
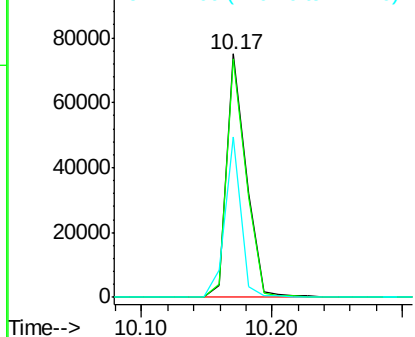
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	78314		
332	97.6	76.6	114.8	
141	54.4	29.7	44.5#	

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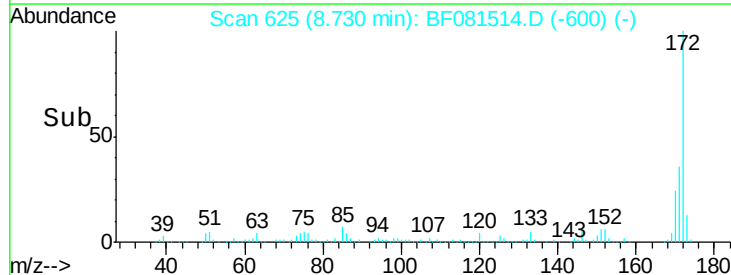
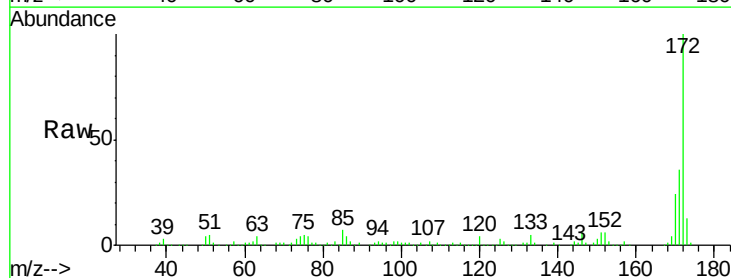
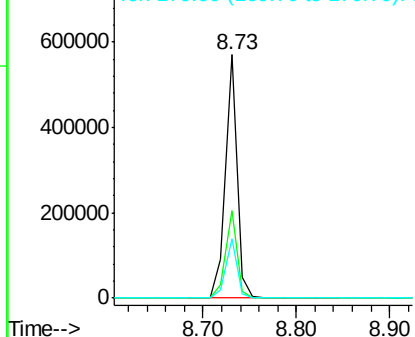
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

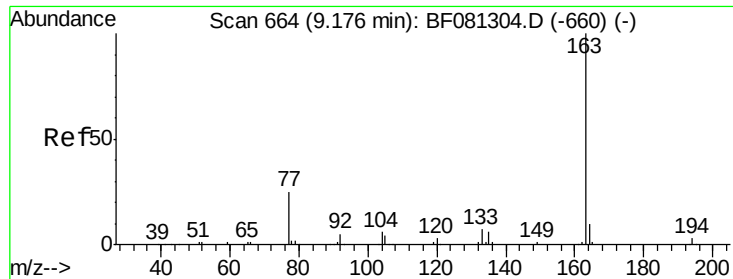


#44
 2-Fluorobiphenyl
 Concen: 83.01 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081514.D
 Acq: 6 Sep 2015 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	497574		
171	35.8	26.1	39.1	
170	24.3	17.4	26.2	

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





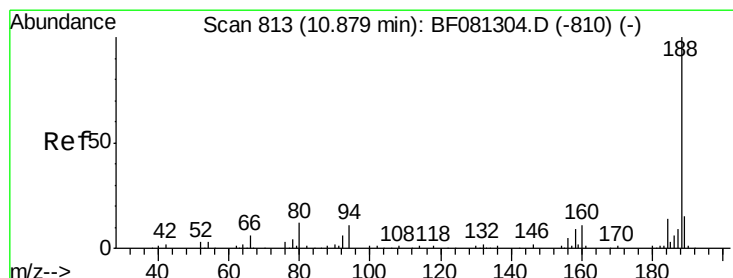
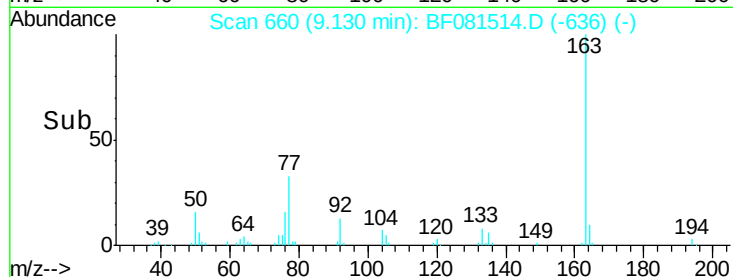
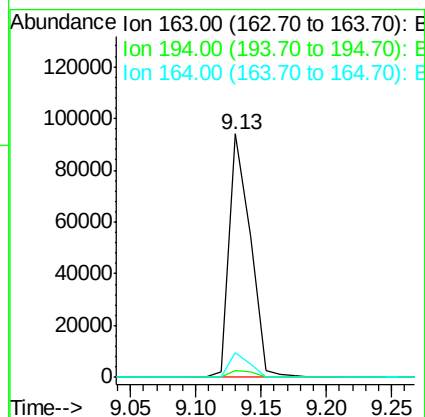
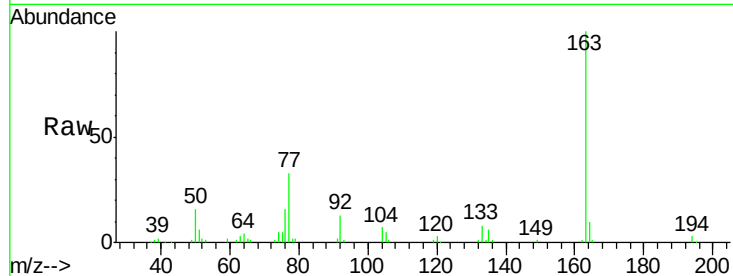
#49
Dimethylphthalate
Concen: 17.80 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081514.D
Acq: 6 Sep 2015 17:22

Instrument :
BNA_F
ClientSampleId :
SB-10

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	106244		
194	2.8	4.4	6.6#	
164	10.4	8.3	12.5	

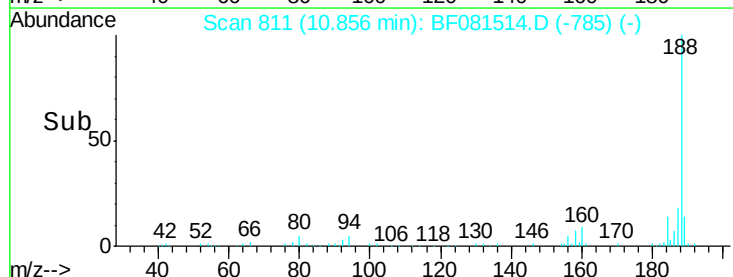
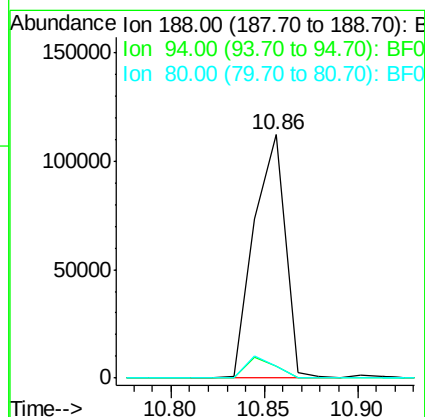
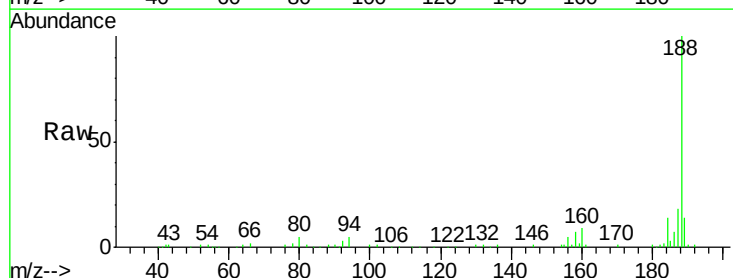
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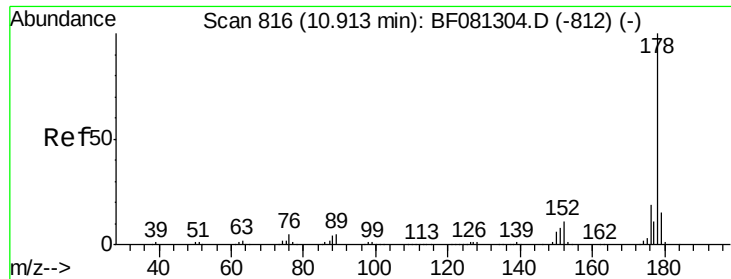
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF081514.D
Acq: 6 Sep 2015 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	130340		
94	4.8	11.1	16.7#	
80	4.9	11.0	16.4#	





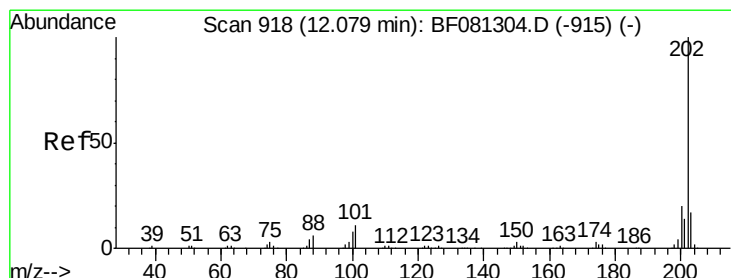
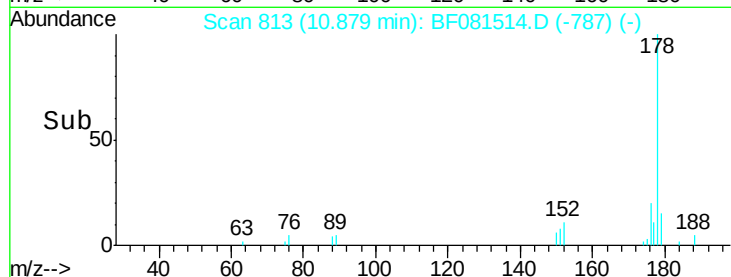
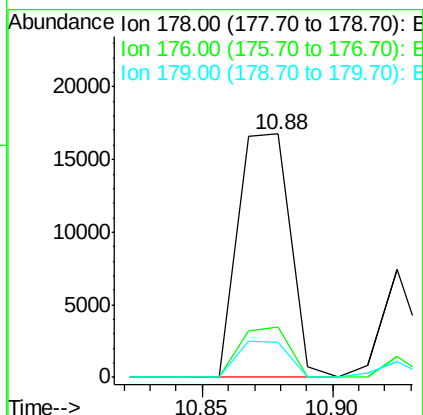
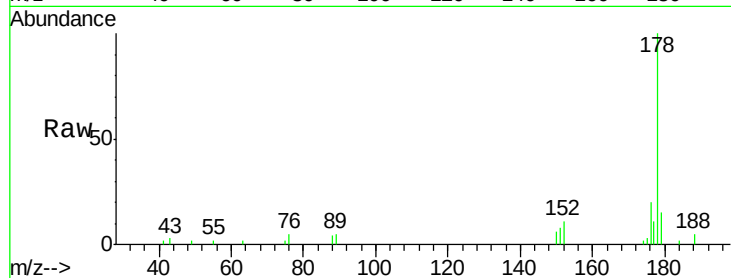
#70
Phenanthrene
Concen: 3.23 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF081514.D
Acq: 6 Sep 2015 17:22

Instrument :
BNA_F
ClientSampleId :
SB-10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	13.8	20.8
179	14.5	12.2	18.2

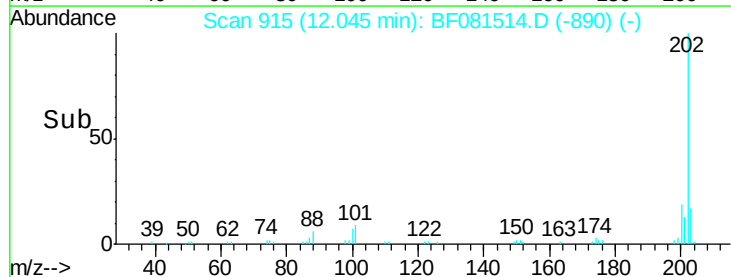
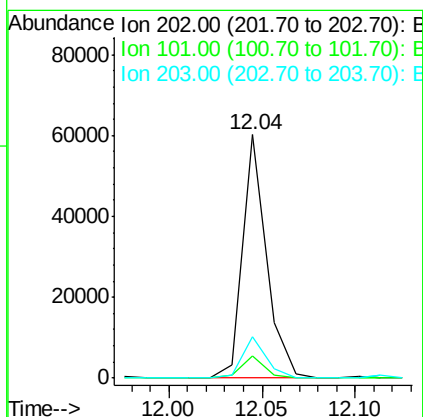
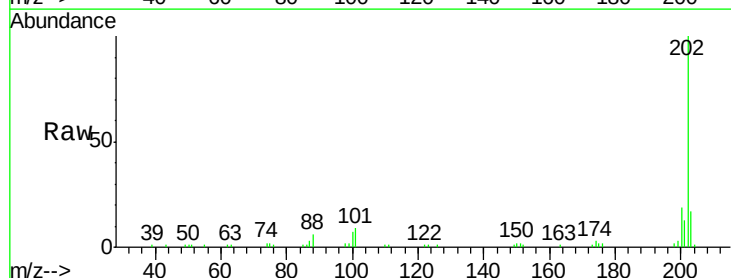
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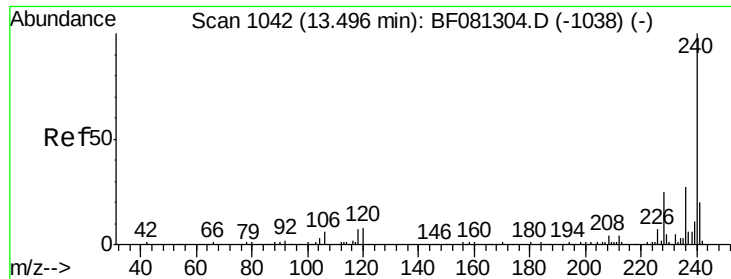
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#74
Fluoranthene
Concen: 6.84 ng
RT: 12.04 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF081514.D
Acq: 6 Sep 2015 17:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	38.3
203	17.2	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF081514.D

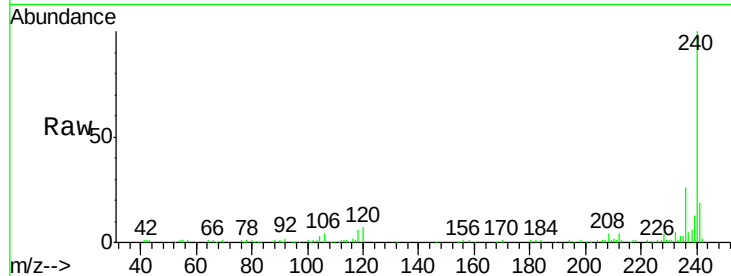
Acq: 6 Sep 2015 17:22

Instrument :

BNA_F

ClientSampleId :

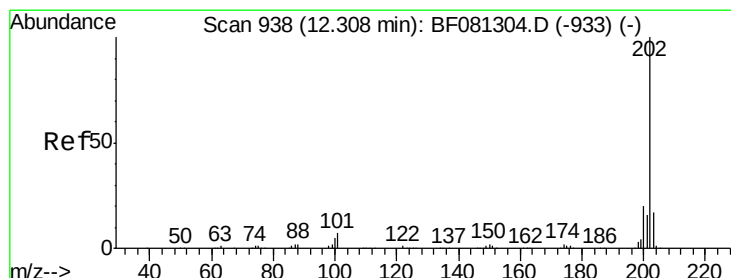
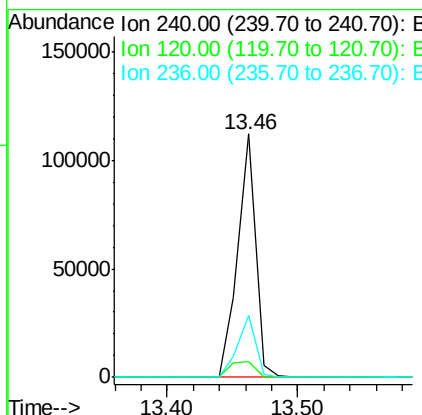
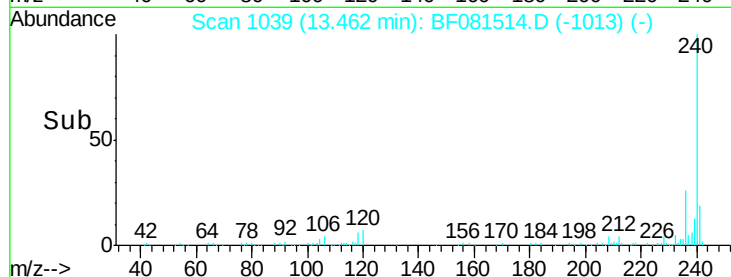
SB-10



Tgt Ion	Ratio	Resp	Lower	Upper
240	100	107584		
120	6.7	16.2	24.2	#
236	25.6	18.4	27.6	

Manual Integrations
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#77

Pyrene

Concen: 5.65 ng

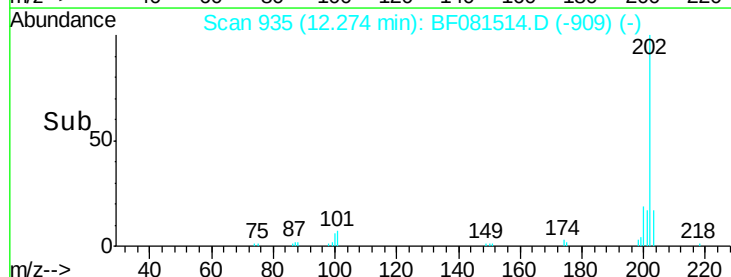
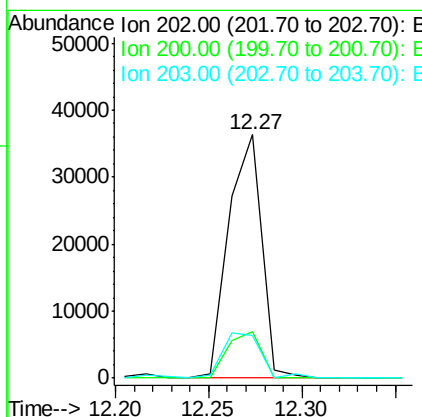
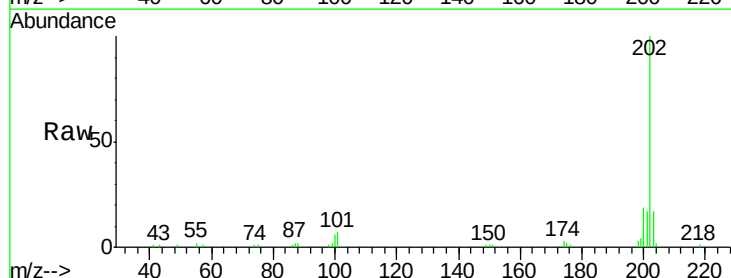
RT: 12.27 min Scan# 935

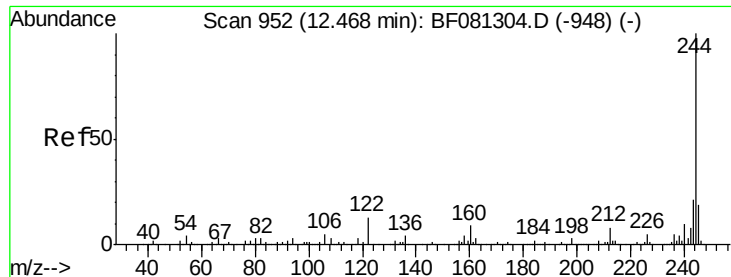
Delta R.T. -0.00 min

Lab File: BF081514.D

Acq: 6 Sep 2015 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	44999		
200	19.2	15.0	22.4	
203	17.3	14.1	21.1	





#78

Terphenyl-d14

Concen: 78.18 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF081514.D

Acq: 6 Sep 2015 17:22

Instrument :

BNA_F

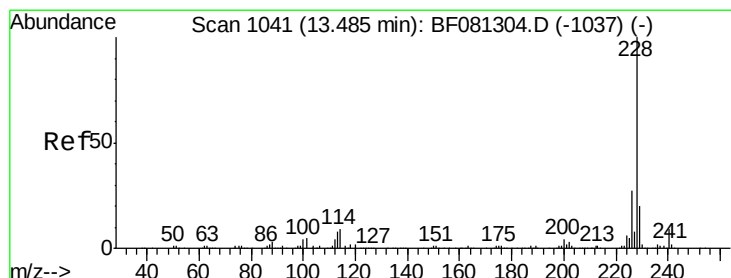
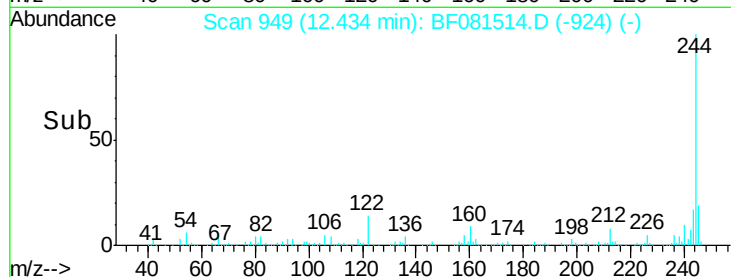
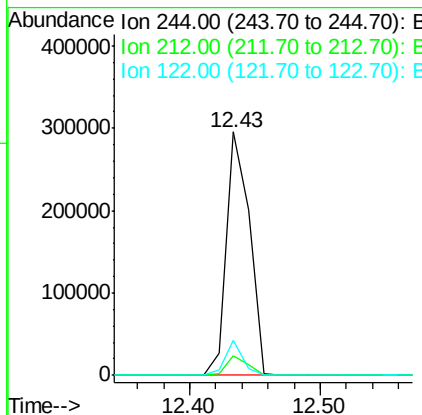
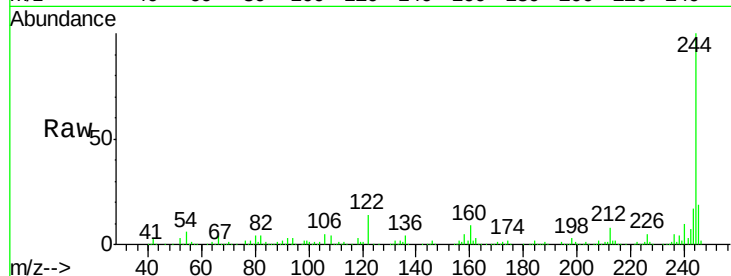
ClientSampleId :

SB-10

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	361342		
212	8.3	4.3	6.5#	
122	14.3	17.4	26.2#	

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 4.08 ng m

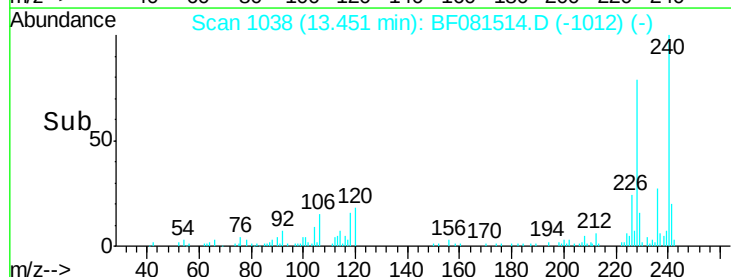
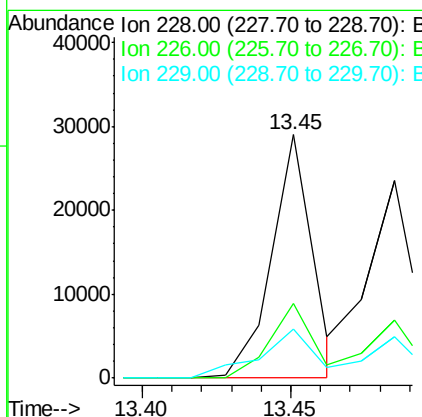
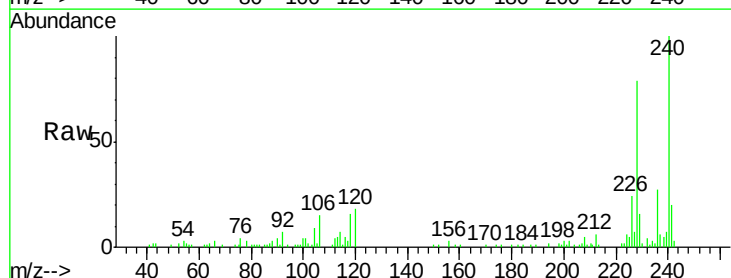
RT: 13.45 min Scan# 1038

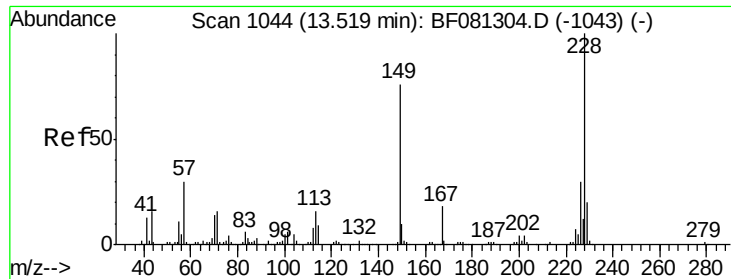
Delta R.T. -0.00 min

Lab File: BF081514.D

Acq: 6 Sep 2015 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	27928		
226	30.6	20.0	30.0#	
229	19.9	15.4	23.2	





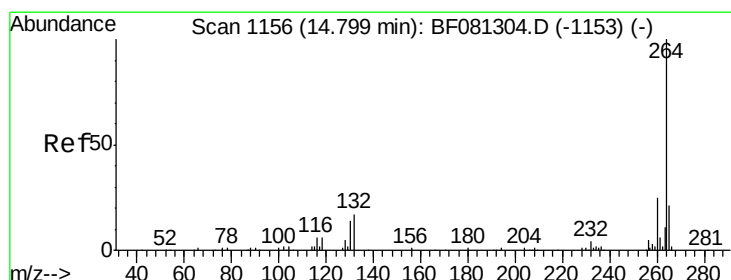
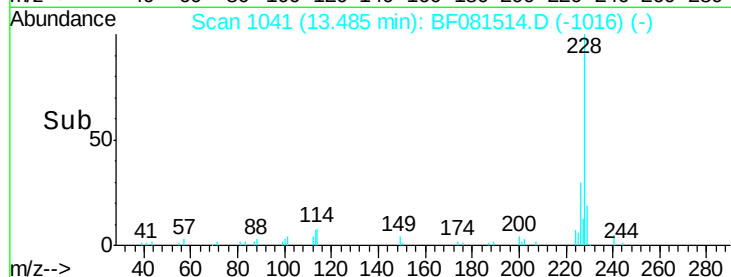
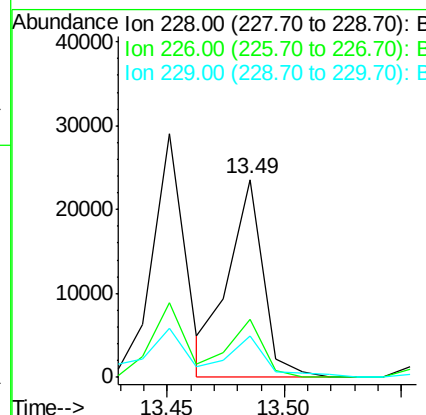
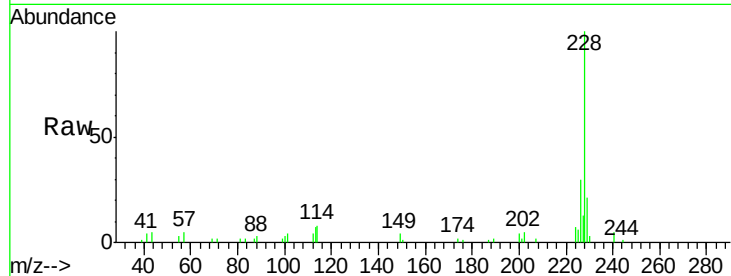
#82
Chrysene
Concen: 3.99 ng m
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081514.D
Acq: 6 Sep 2015 17:22

Instrument :
BNA_F
ClientSampleId :
SB-10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.0	31.4
229	20.9	15.6	23.4

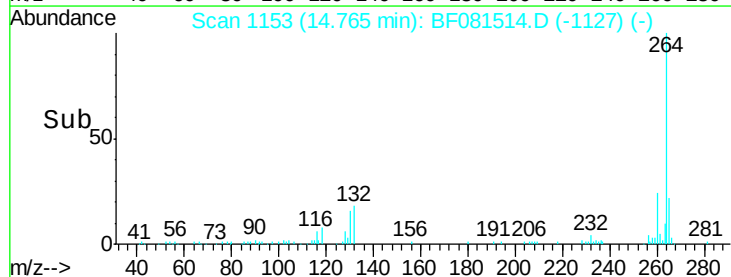
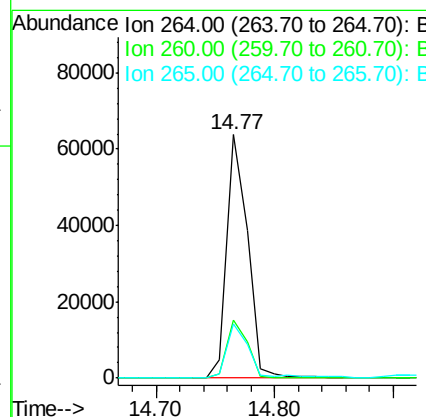
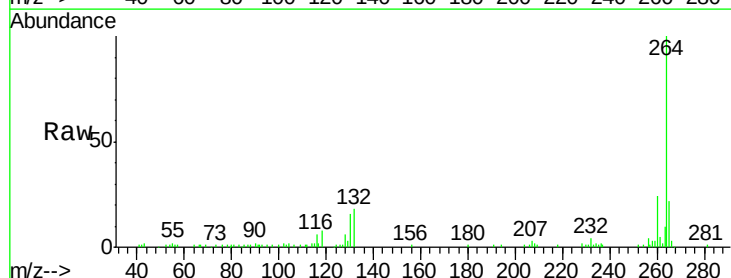
Manual Integrations
APPROVED

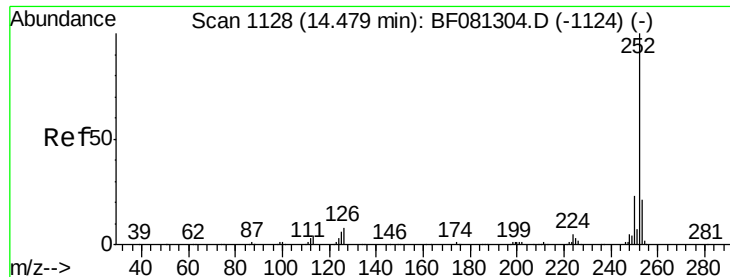
MMDadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF081514.D
Acq: 6 Sep 2015 17:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	22.1	17.2	25.8





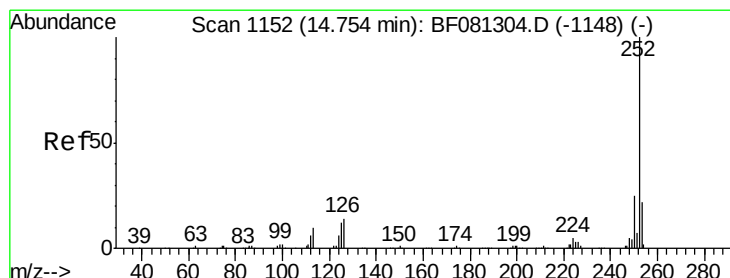
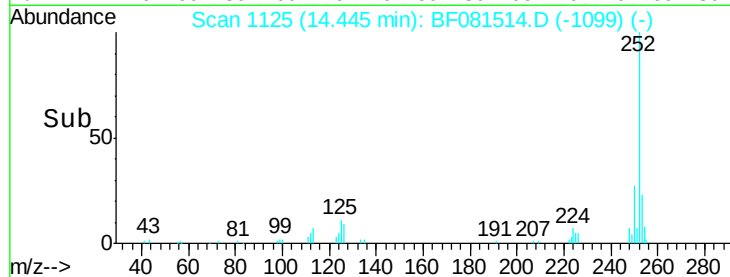
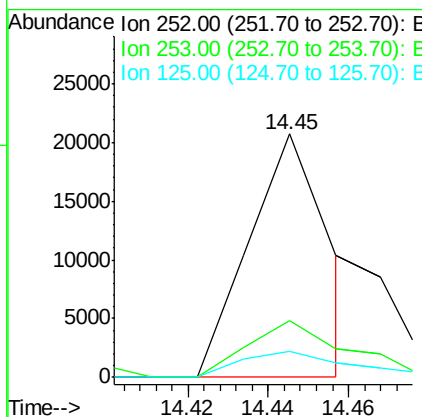
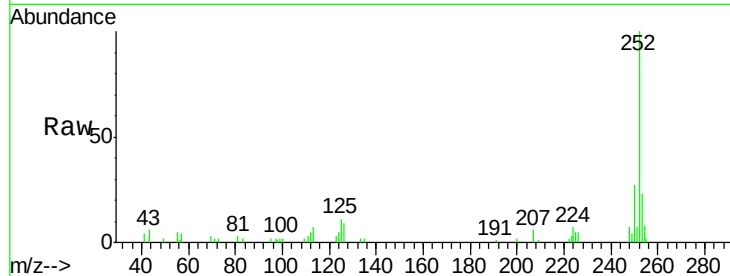
#87
Benzo(b)fluoranthene
Concen: 5.19 ng m
RT: 14.45 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF081514.D
Acq: 6 Sep 2015 17:22

Instrument :
BNA_F
ClientSampled :
SB-10

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	17.5	26.3
125	10.6	17.1	25.7#

Manual Integrations
APPROVED

MMDadoda
9/8/2015 3:58:58 PM



#89
Benzo(a)pyrene
Concen: 3.98 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF081514.D
Acq: 6 Sep 2015 17:22

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	17.2	25.8
125	8.5	18.0	27.0#

