

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081533.D
 Acq On : 8 Sep 2015 20:52
 Operator : UM/IZ
 Sample : G3555-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Manual Integrations
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 9/9/2015 2:58:52 PM

Quant Time: Sep 09 01:42:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	53596	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	208254	20.00	ng	-0.01
38) Acenaphthene-d10	9.37	164	96911	20.00	ng	-0.01
63) Phenanthrene-d10	10.83	188	176034	20.00	ng	-0.01
75) Chrysene-d12	13.44	240	116766	20.00	ng	-0.01
86) Perylene-d12	14.75	264	109981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	434897	125.90	ng	0.01
7) Phenol-d6	6.02	99	643975	140.84	ng	0.00
23) Nitrobenzene-d5	6.92	82	369429	85.59	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	110536	128.10	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	568435	75.17	ng	0.00
78) Terphenyl-d14	12.42	244	459091	91.52	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.12	163	134411	17.85	ng	Qvalue # 97
70) Phenanthrene	10.86	178	32559	3.33	ng	97
74) Fluoranthene	12.03	202	73504	6.94	ng	87
77) Pyrene	12.25	202	59009	6.82	ng	96
80) Benzo(a)anthracene	13.44	228	31569m	4.25	ng	
82) Chrysene	13.47	228	24656m	3.70	ng	
85) Indeno(1,2,3-cd)pyrene	15.82	276	13199	2.70	ng	# 79
87) Benzo(b)fluoranthene	14.42	252	31127m	3.96	ng	
88) Benzo(k)fluoranthene	14.43	252	13745m	2.11	ng	
89) Benzo(a)pyrene	14.71	252	24152	3.63	ng	# 82
91) Benzo(g,h,i)perylene	16.14	276	11334	2.31	ng	# 71

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

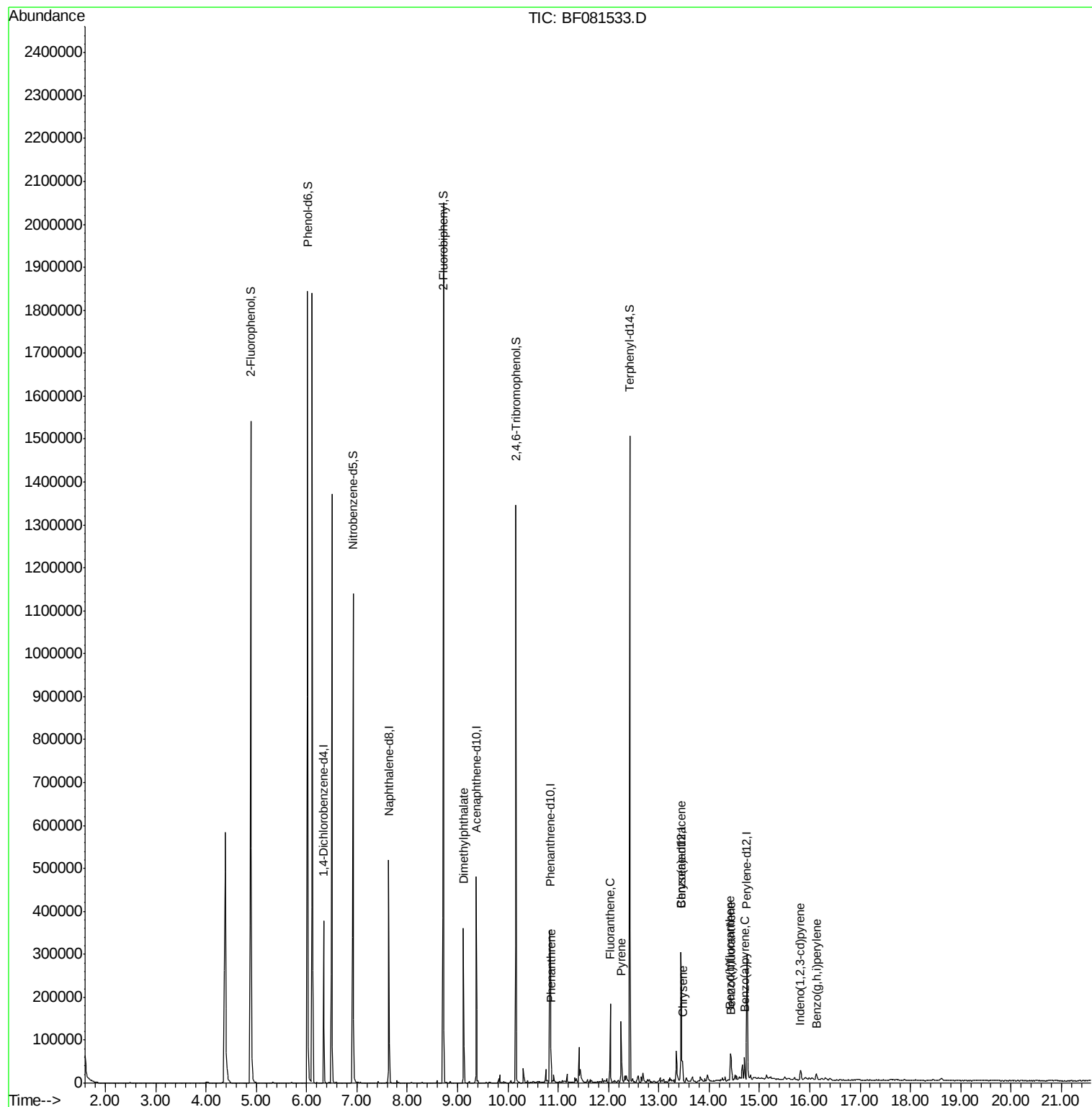
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081533.D
Acq On : 8 Sep 2015 20:52
Operator : UM/IZ
Sample : G3555-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
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Response via : Initial Calibration

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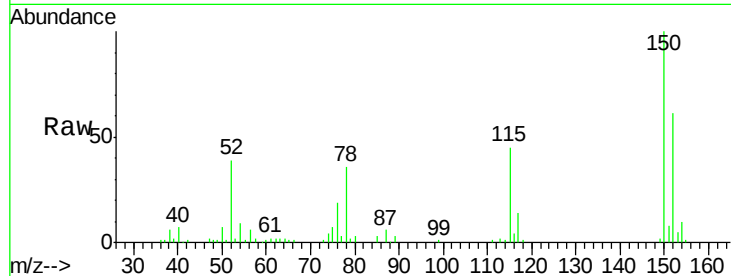
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.34 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF081533.D
 Acq: 8 Sep 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

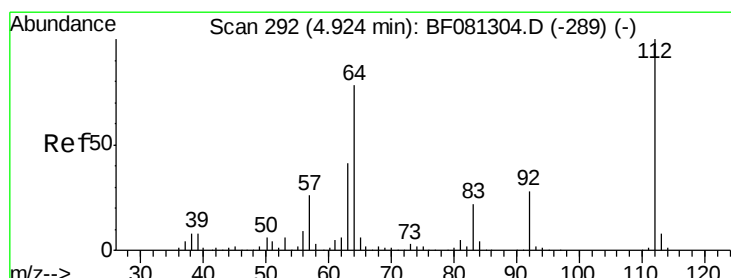
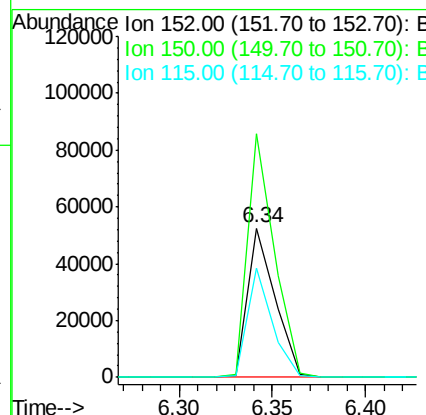
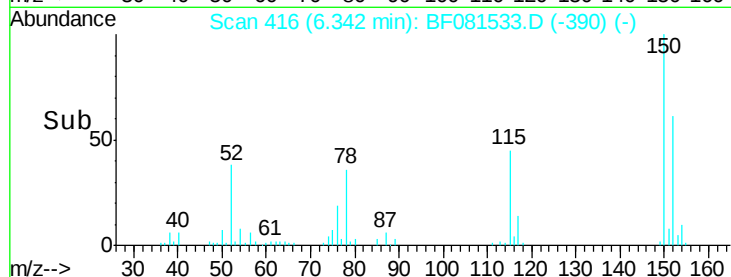
Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.4	124.7	187.1
115	73.6	39.0	58.4#

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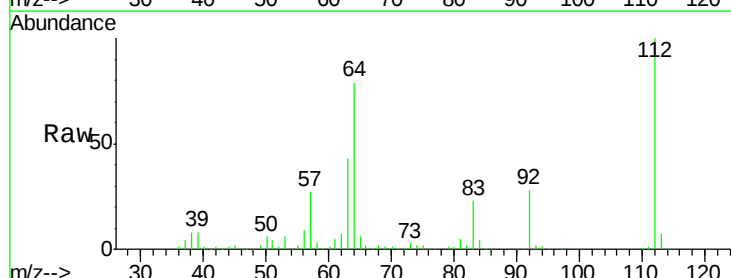


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

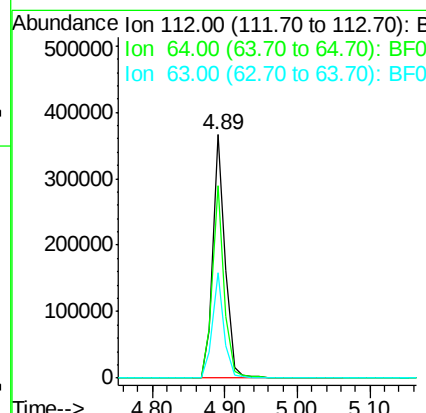
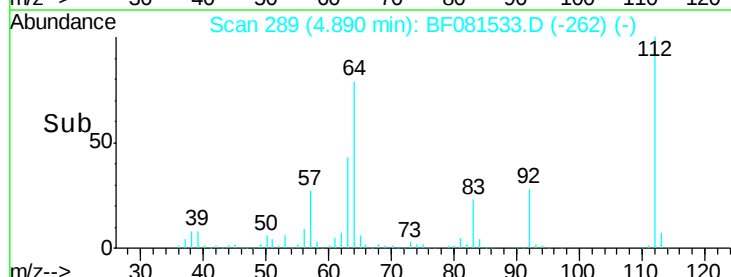


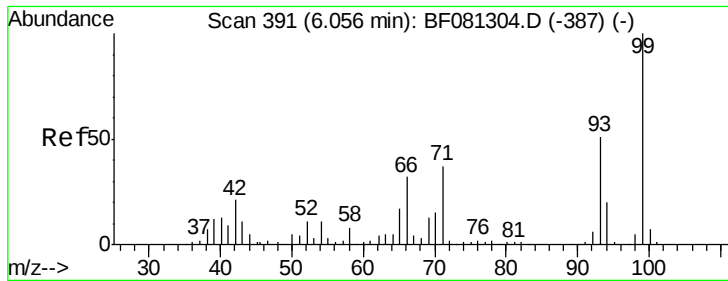
#5
 2-Fluorophenol
 Concen: 125.90 ng
 RT: 4.89 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: BF081533.D
 Acq: 8 Sep 2015 20:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.9	39.7	59.5#
63	43.2	17.4	26.0#



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: 140.84 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081533.D

Acq: 8 Sep 2015 20:52

Instrument :

BNA_F

ClientSampleId :

SB-10

Tgt Ion: 99 Resp: 643975
Ion Ratio Lower Upper

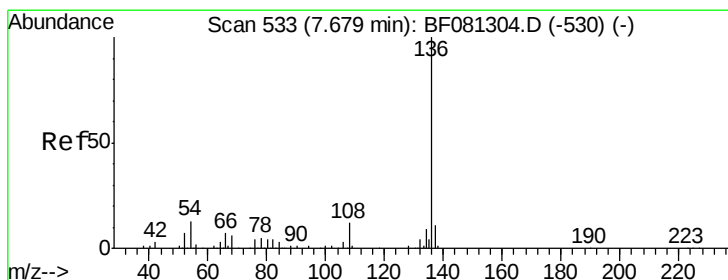
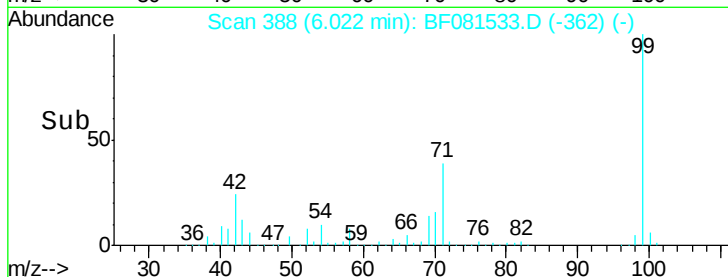
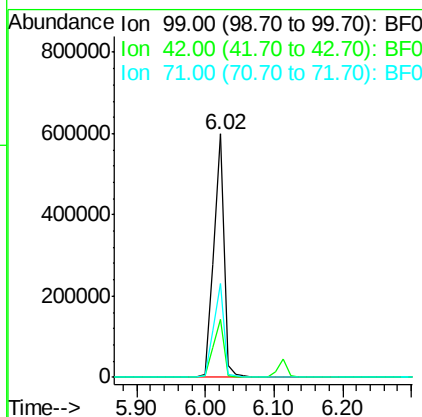
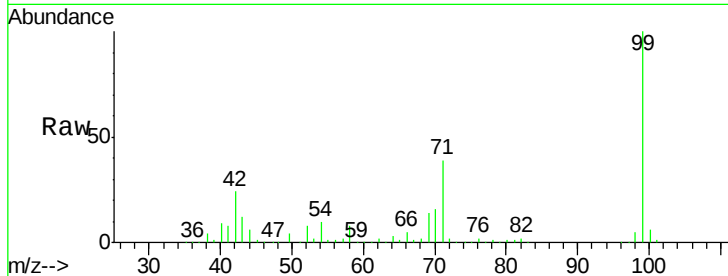
99 100

42 23.6 13.7 20.5#

71 38.6 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081533.D

Acq: 8 Sep 2015 20:52

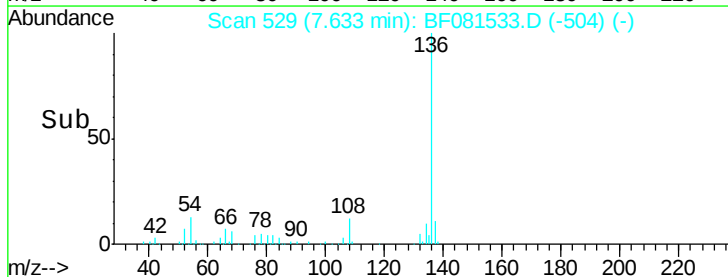
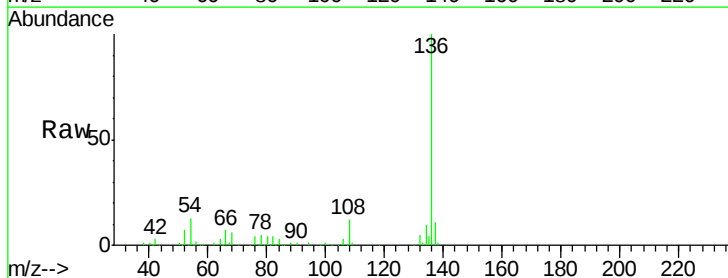
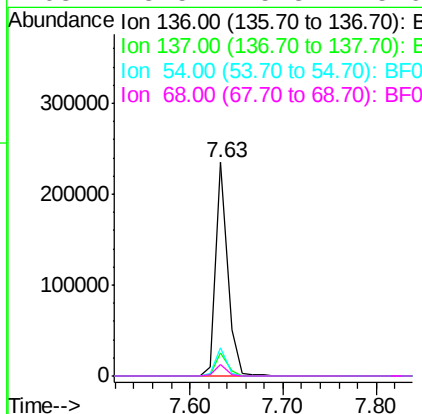
Tgt Ion: 136 Resp: 208254
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 13.1 8.2 12.2#

68 5.5 5.8 8.6#





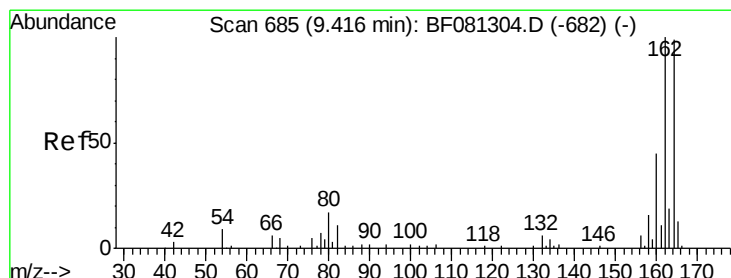
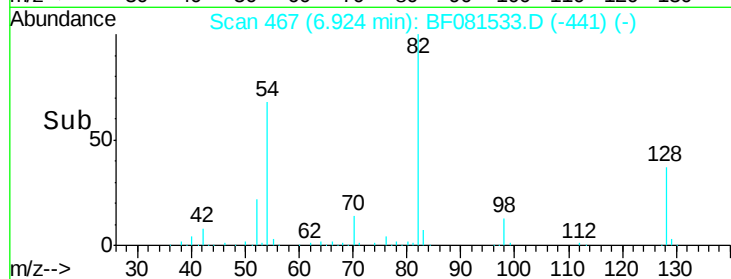
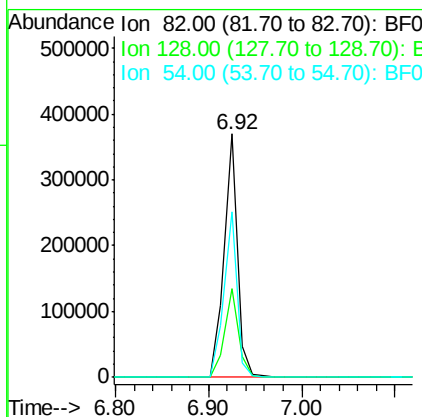
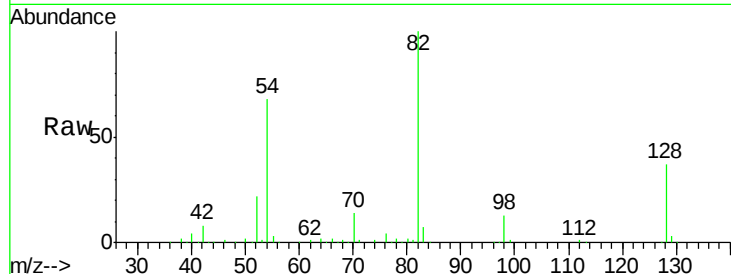
#23
Nitrobenzene-d5
Concen: 85.59 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF081533.D
Acq: 8 Sep 2015 20:52

Instrument :
BNA_F
ClientSampleId :
SB-10

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	369429		
128	36.7	51.0	76.6#	
54	67.8	47.5	71.3	

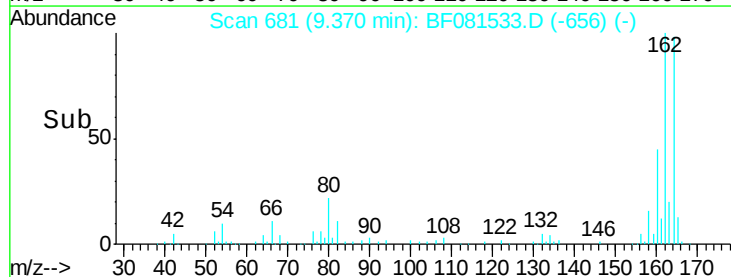
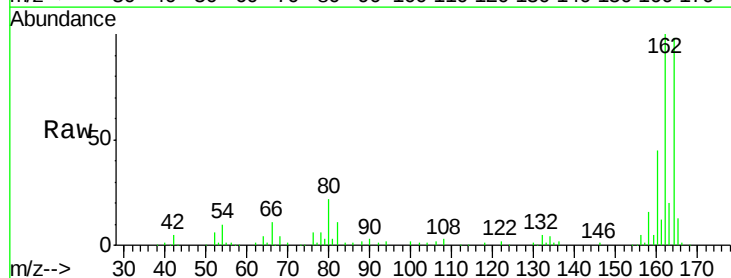
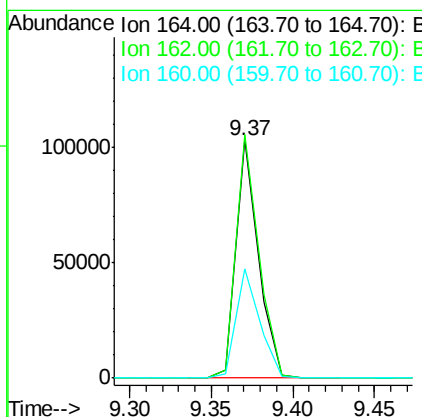
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF081533.D
Acq: 8 Sep 2015 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	96911		
162	102.1	75.2	112.8	
160	45.6	31.5	47.3	





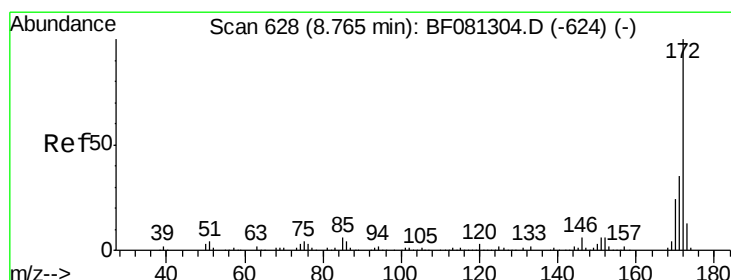
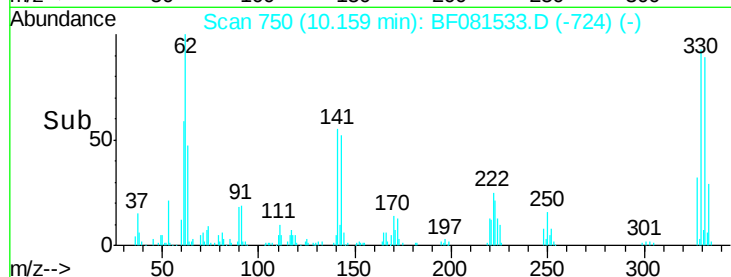
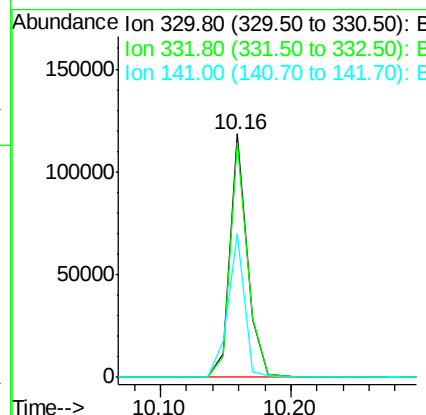
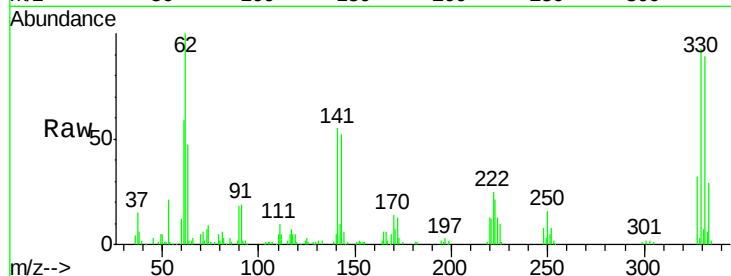
#41
 2,4,6-Tribromophenol
 Concen: 128.10 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081533.D
 Acq: 8 Sep 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	110536		
332	96.7	76.6	114.8	
141	57.3	29.7	44.5#	

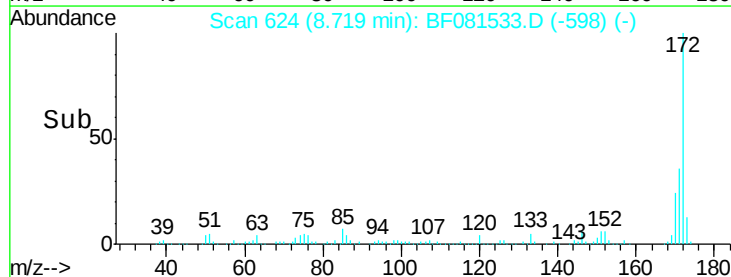
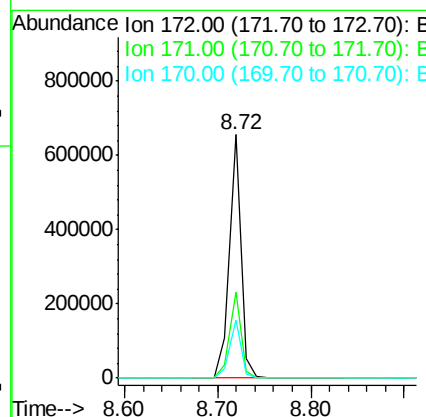
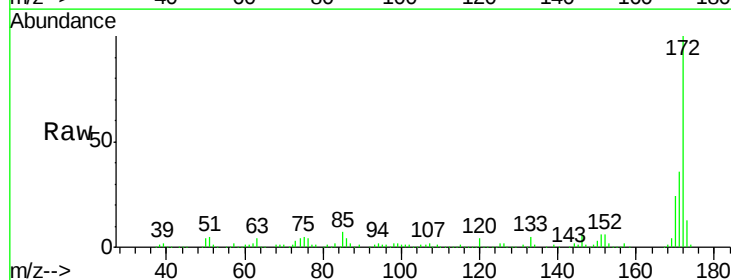
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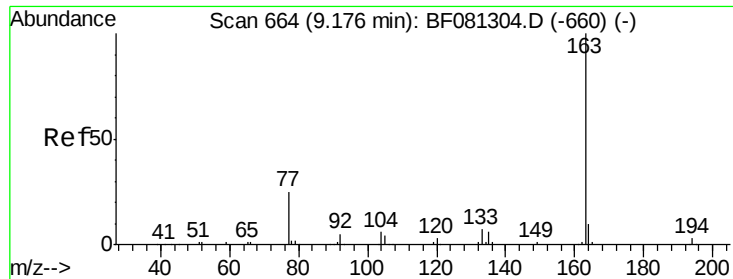
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#44
 2-Fluorobiphenyl
 Concen: 75.17 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081533.D
 Acq: 8 Sep 2015 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	568435		
171	35.6	26.1	39.1	
170	23.9	17.4	26.2	





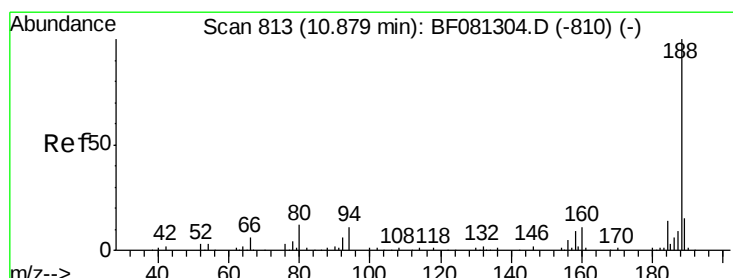
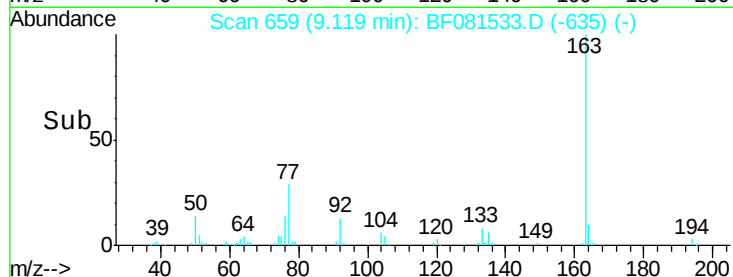
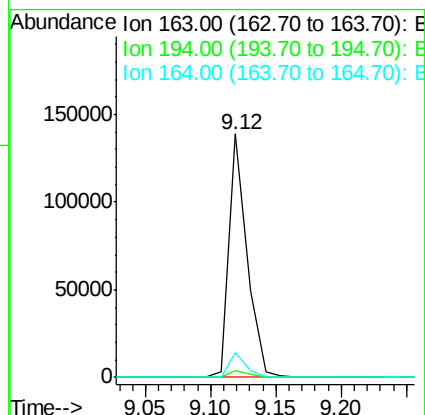
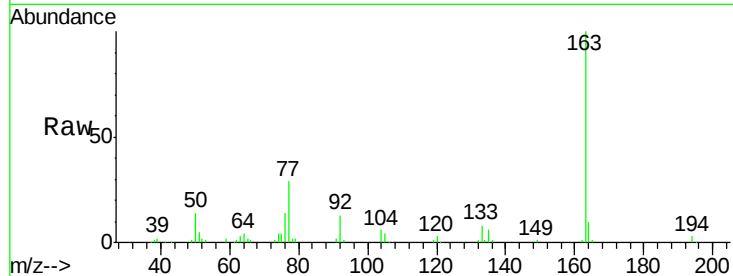
#49
Dimethylphthalate
Concen: 17.85 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF081533.D
Acq: 8 Sep 2015 20:52

Instrument :
BNA_F
ClientSampleId :
SB-10

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	4.4	6.6#
164	10.3	8.3	12.5

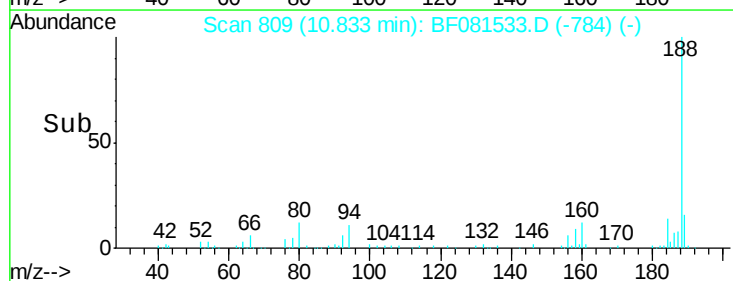
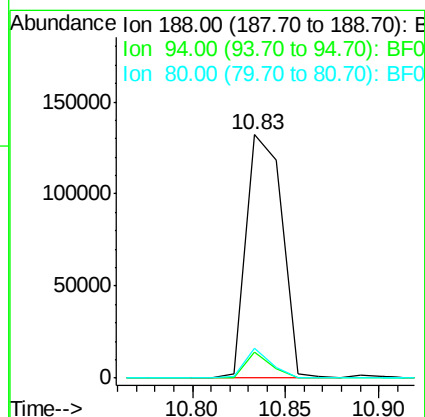
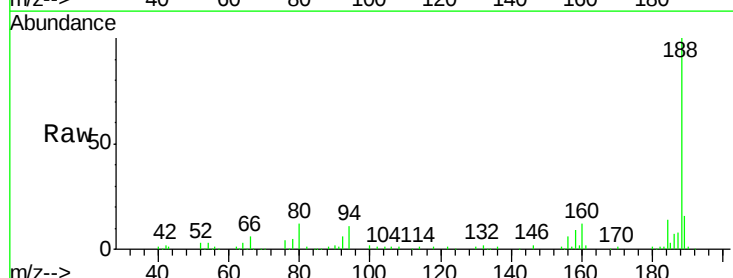
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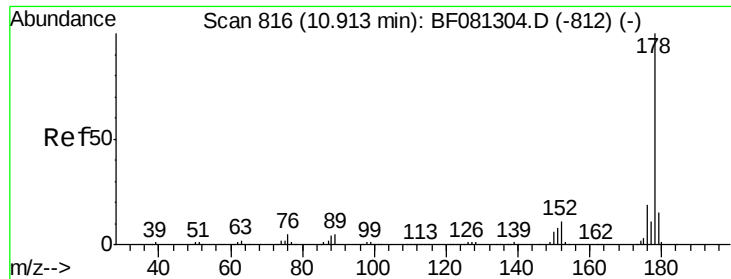
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF081533.D
Acq: 8 Sep 2015 20:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	11.1	16.7#
80	12.4	11.0	16.4





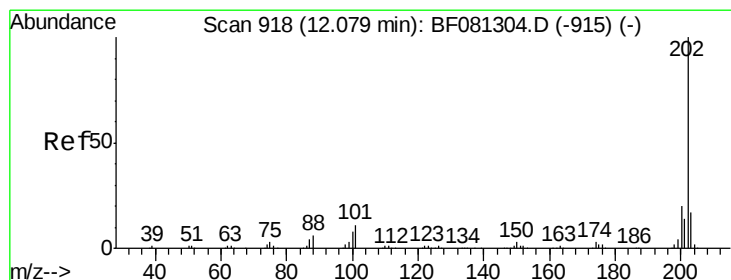
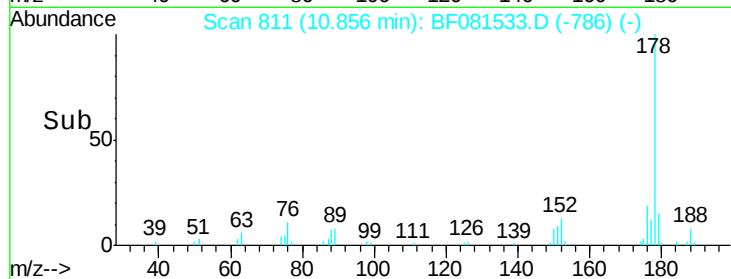
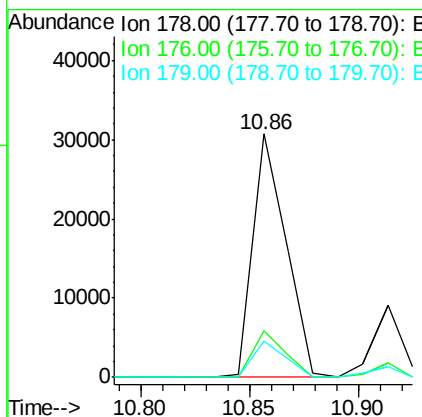
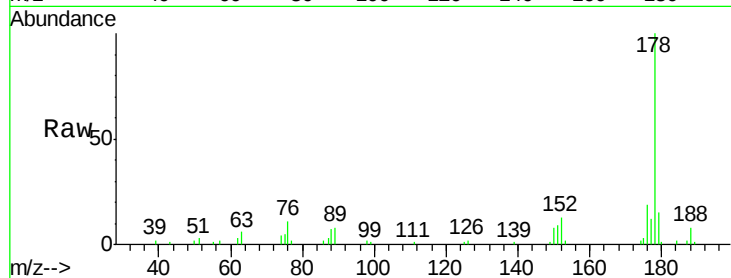
#70
Phenanthrene
Concen: 3.33 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF081533.D
Acq: 8 Sep 2015 20:52

Instrument :
BNA_F
ClientSampleId :
SB-10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	13.8	20.8
179	14.9	12.2	18.2

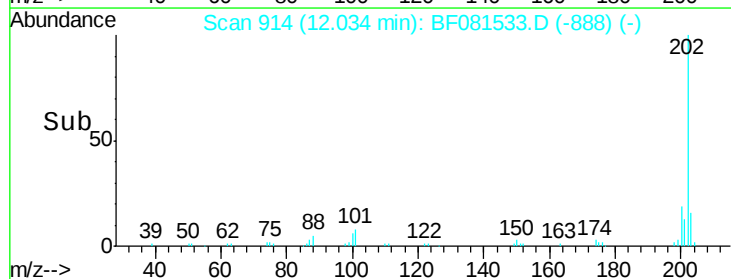
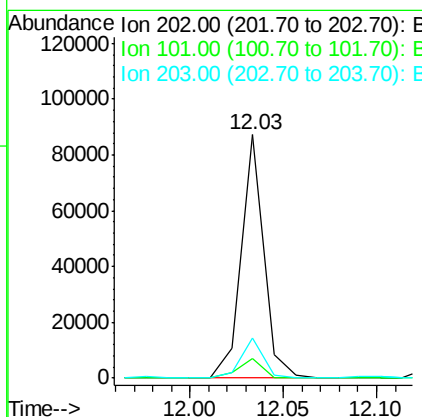
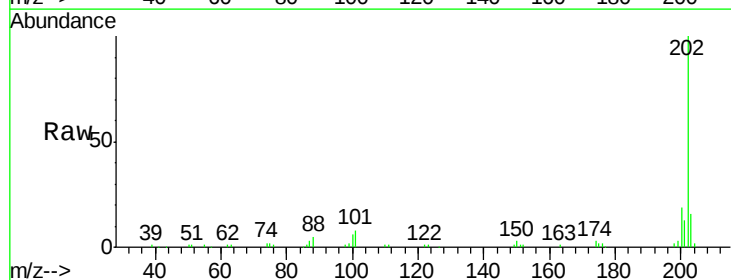
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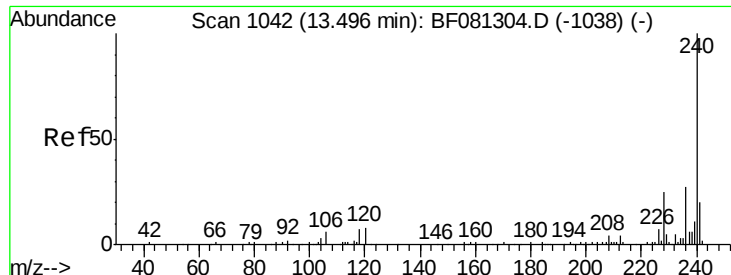
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#74
Fluoranthene
Concen: 6.94 ng
RT: 12.03 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF081533.D
Acq: 8 Sep 2015 20:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	38.3
203	16.4	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.44 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF081533.D

Acq: 8 Sep 2015 20:52

Instrument :

BNA_F

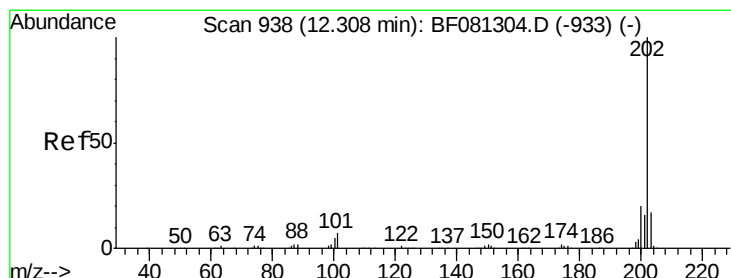
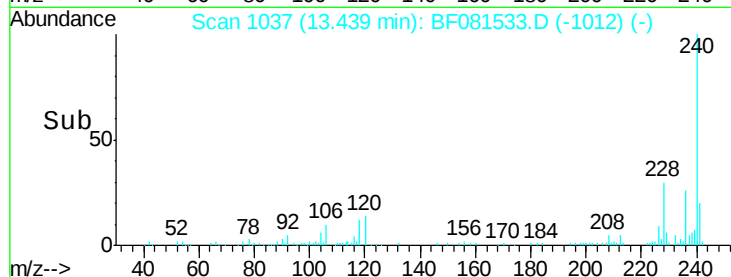
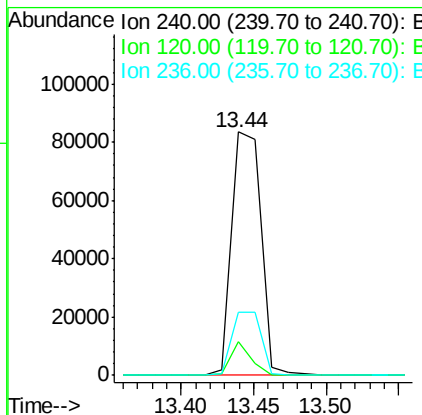
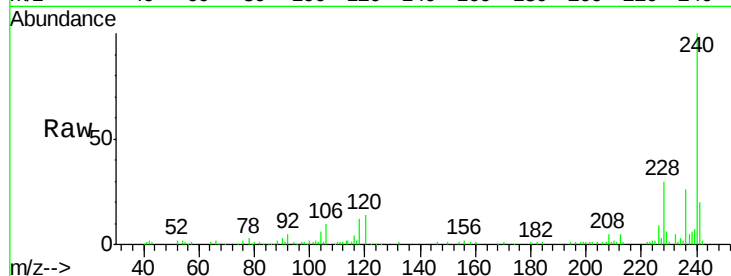
ClientSampleId :

SB-10

Tgt Ion:	240	Resp:	116766
Ion Ratio	Lower	Upper	
240	100		
120	13.9	16.2	24.2#
236	26.0	18.4	27.6

Manual Integrations
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#77

Pyrene

Concen: 6.82 ng

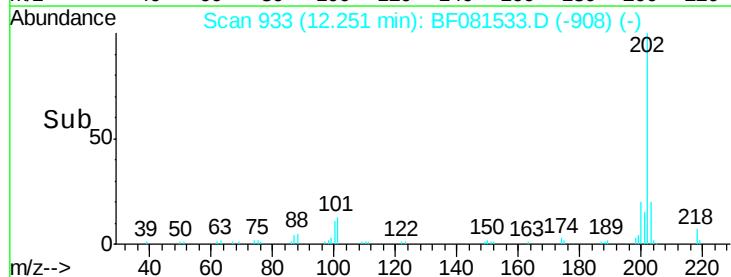
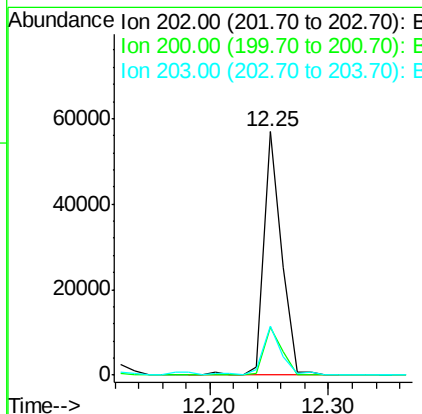
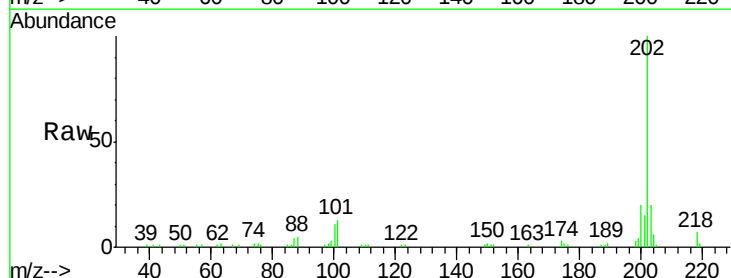
RT: 12.25 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF081533.D

Acq: 8 Sep 2015 20:52

Tgt Ion:	202	Resp:	59009
Ion Ratio	Lower	Upper	
202	100		
200	19.5	15.0	22.4
203	20.4	14.1	21.1





#78

Terphenyl-d14

Concen: 91.52 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF081533.D

Acq: 8 Sep 2015 20:52

Instrument :

BNA_F

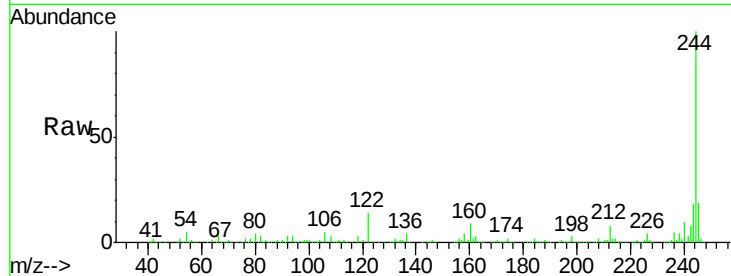
ClientSampleId :

SB-10

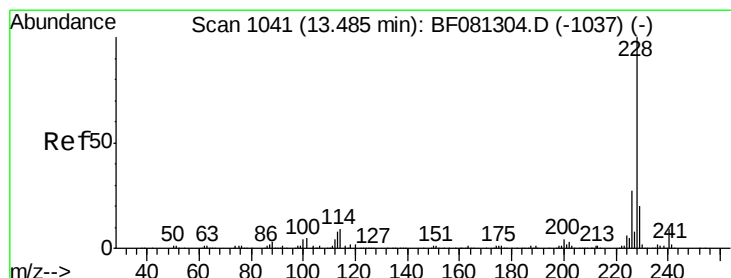
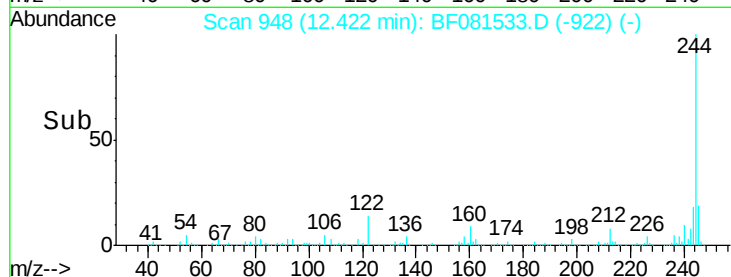
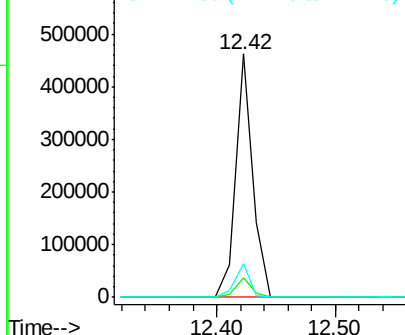
Tgt Ion	Ratio	Resp	Lower	Upper
244	100	459091		
212	8.2	4.3	6.5#	
122	13.8	17.4	26.2#	

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9/9/2015 2:58:52 PM



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: 4.25 ng m

RT: 13.44 min Scan# 1037

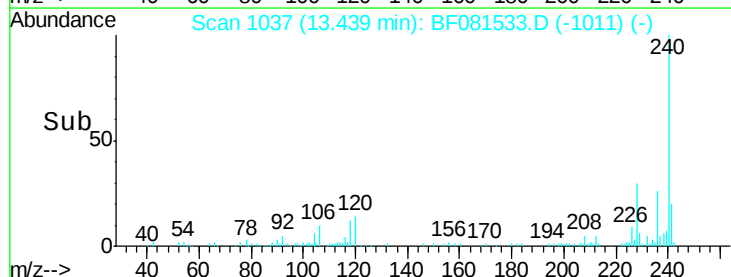
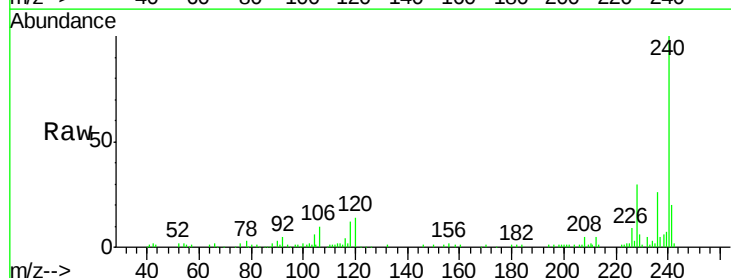
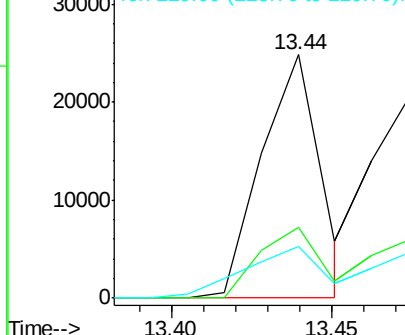
Delta R.T. 0.00 min

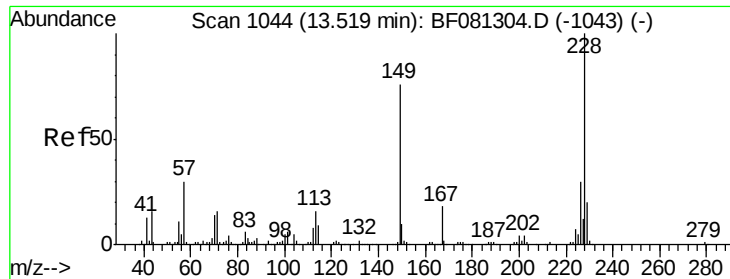
Lab File: BF081533.D

Acq: 8 Sep 2015 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	31569		
226	29.1	20.0	30.0	
229	21.3	15.4	23.2	

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





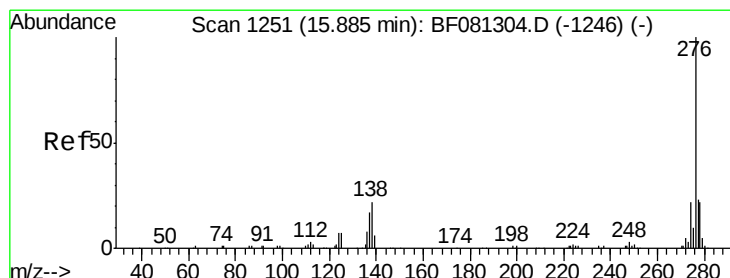
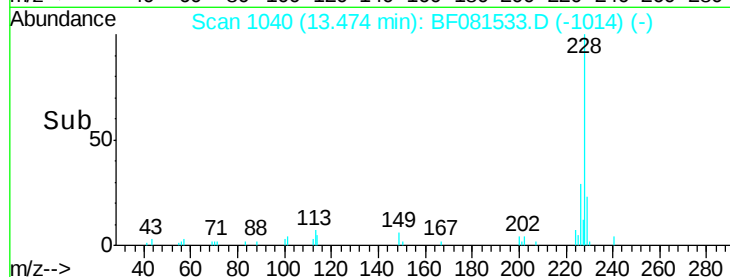
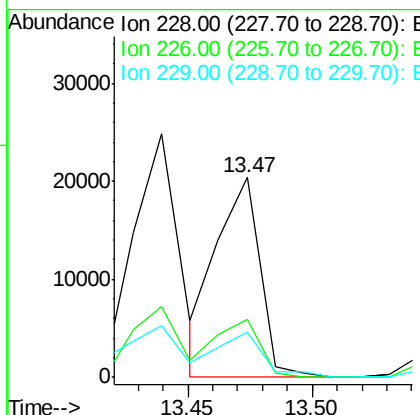
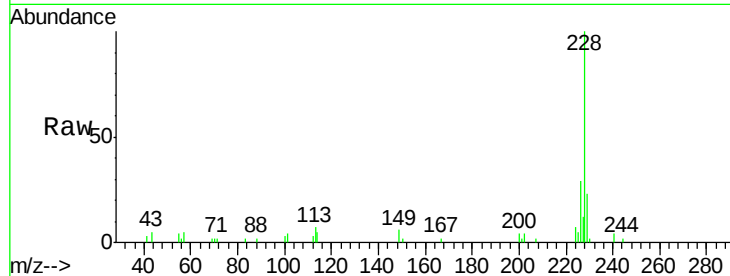
#82
Chrysene
 Concen: 3.70 ng m
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081533.D
 Acq: 8 Sep 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tgt Ion:	228	Resp:	24656
Ion Ratio	Lower	Upper	
228	100		
226	29.0	21.0	31.4
229	22.7	15.6	23.4

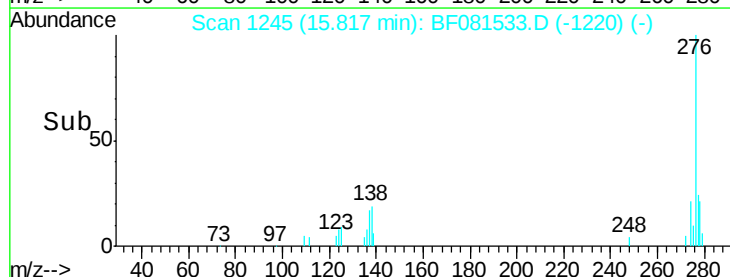
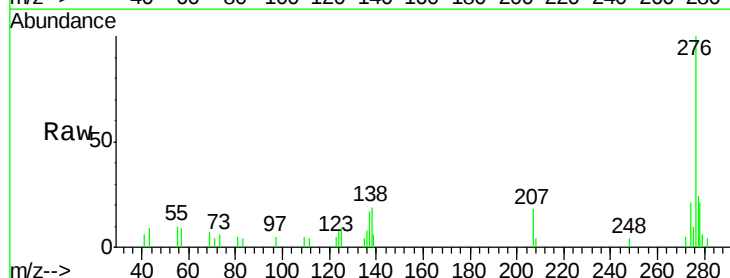
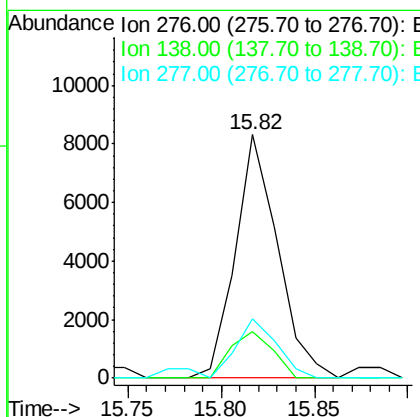
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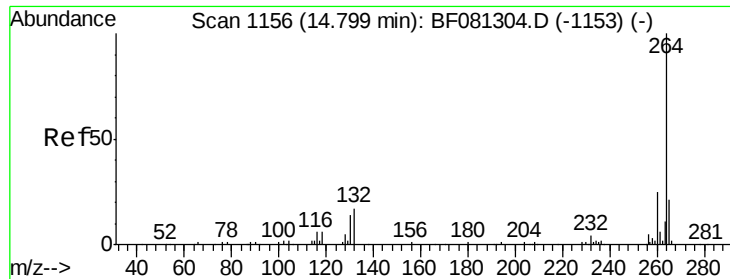
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 9/9/2015 2:58:52 PM



#85
Indeno(1,2,3-cd)pyrene
 Concen: 2.70 ng
 RT: 15.82 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BF081533.D
 Acq: 8 Sep 2015 20:52

Tgt Ion:	276	Resp:	13199
Ion Ratio	Lower	Upper	
276	100		
138	18.8	25.7	38.5#
277	26.5	15.6	23.4#





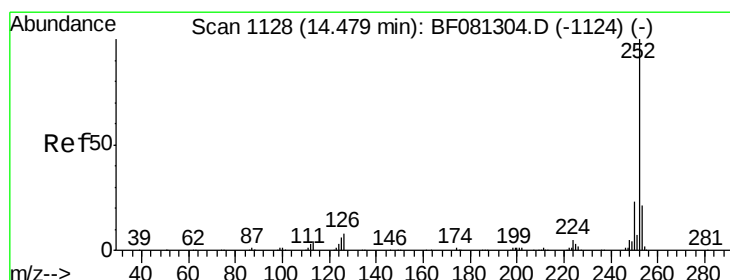
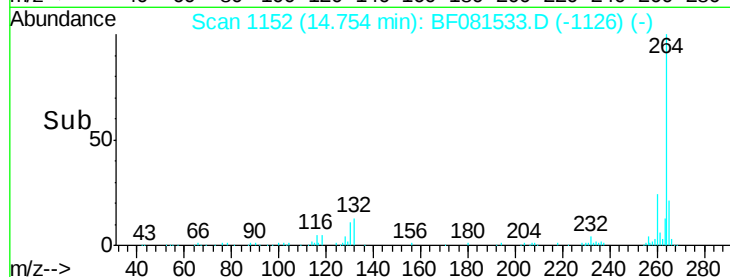
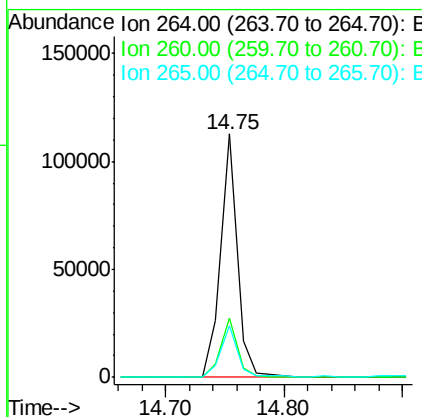
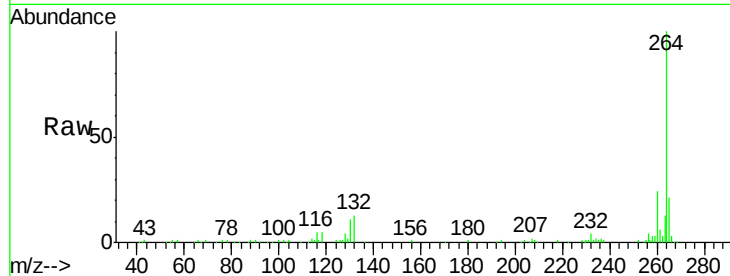
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081533.D
Acq: 8 Sep 2015 20:52

Instrument :
BNA_F
ClientSampleId :
SB-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.4	17.2	25.8

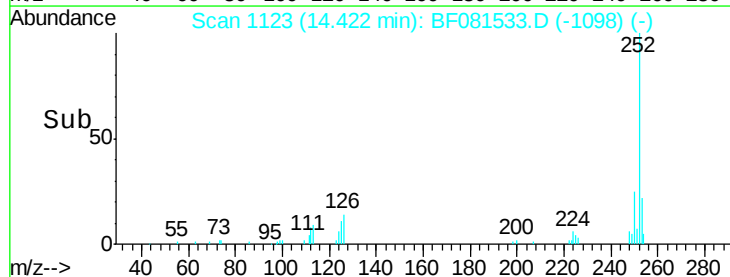
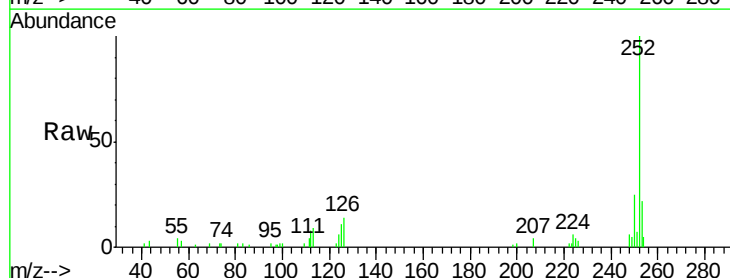
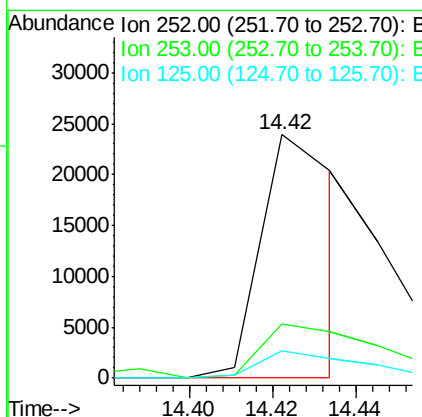
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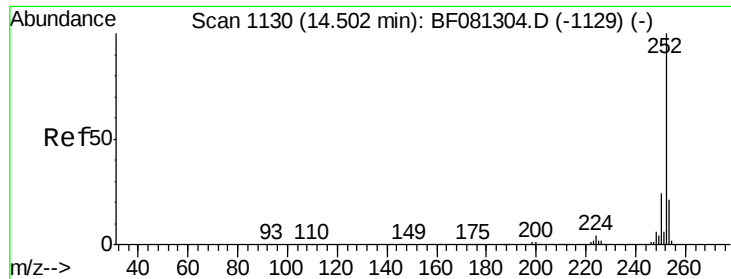
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9/9/2015 2:58:52 PM



#87
Benzo(b)fluoranthene
Concen: 3.96 ng m
RT: 14.42 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF081533.D
Acq: 8 Sep 2015 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.5	17.1	25.7#





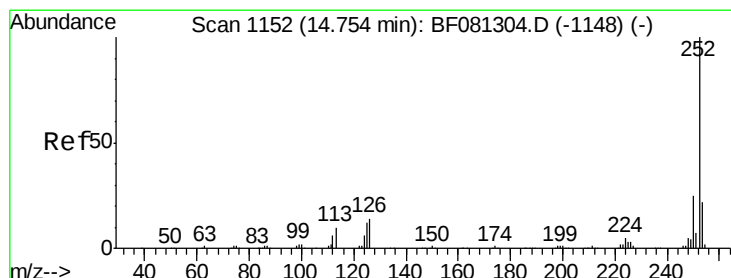
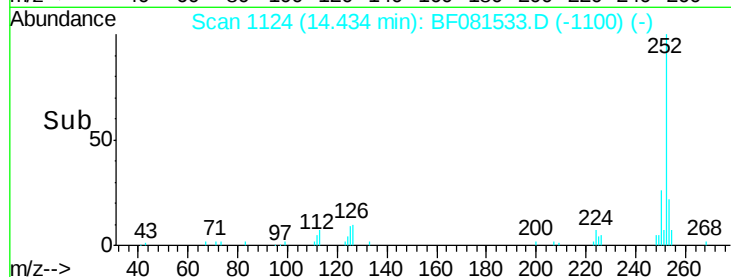
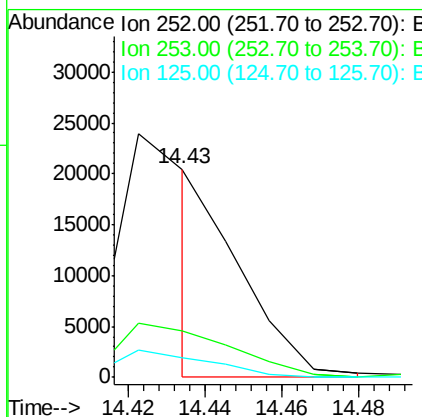
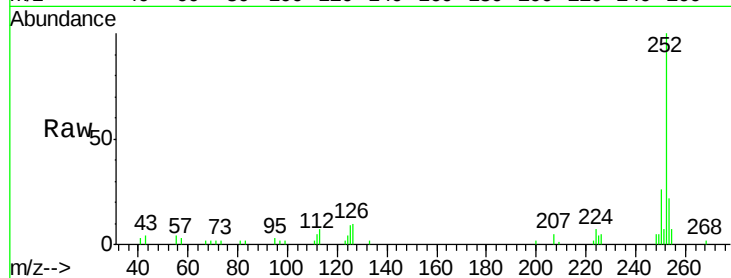
#88
Benzo(k)fluoranthene
Concen: 2.11 ng m
RT: 14.43 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BF081533.D
Acq: 8 Sep 2015 20:52

Instrument :
BNA_F
ClientSampleId :
SB-10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	9.1	16.0	24.0

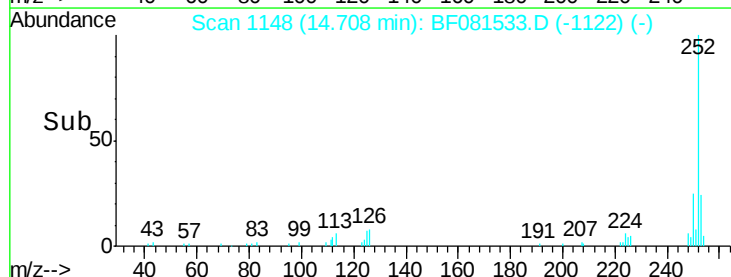
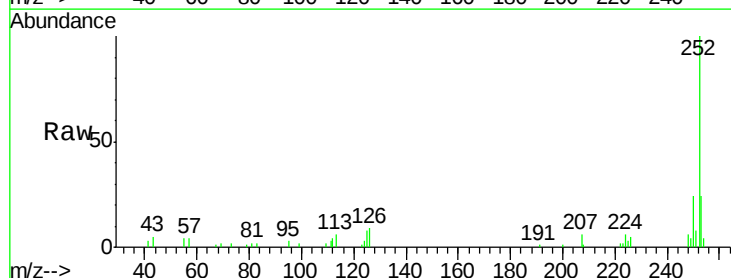
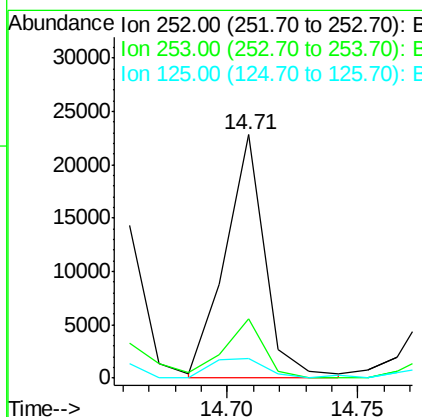
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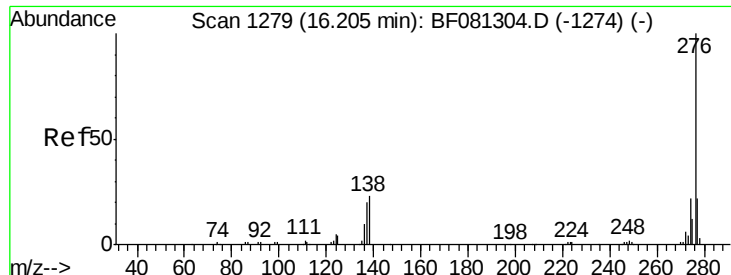
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9/9/2015 2:58:52 PM



#89
Benzo(a)pyrene
Concen: 3.63 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081533.D
Acq: 8 Sep 2015 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	8.2	18.0	27.0





#91
 Benzo(g,h,i)perylene
 Concen: 2.31 ng
 RT: 16.14 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BF081533.D
 Acq: 8 Sep 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.8	26.6
138	16.2	34.6	51.8#

Manual Integrations
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