

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080795.D
 Acq On : 1 Aug 2015 22:38
 Operator : TP/UM
 Sample : G3125-03
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-3(0-2)

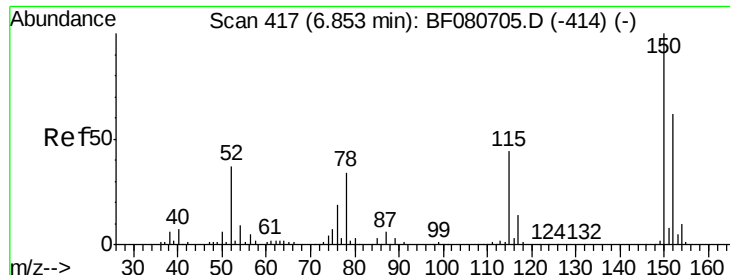
Manual Integrations
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 8/3/2015 3:42:22 PM

Quant Time: Aug 03 07:20:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	146927	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	502132	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	195266	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	305433	20.00	ng	0.00
75) Chrysene-d12	14.00	240	363606	20.00	ng	0.00
86) Perylene-d12	15.43	264	299039	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	926617	108.19	ng	0.01
7) Phenol-d6	6.49	99	1272367	109.12	ng	0.00
23) Nitrobenzene-d5	7.41	82	750354	72.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	193628	95.56	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1138806	87.01	ng	-0.01
78) Terphenyl-d14	12.95	244	896328	46.62	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	7.89	122	191791	34.61	ng	93
49) Dimethylphthalate	9.61	163	403385	29.32	ng	99
70) Phenanthrene	11.39	178	51287	3.33	ng	99
74) Fluoranthene	12.57	202	94396	6.35	ng	92
77) Pyrene	12.80	202	90507	3.21	ng	98
80) Benzo(a)anthracene	13.99	228	53477m	2.45	ng	
82) Chrysene	14.02	228	68721m	3.24	ng	
85) Indeno(1,2,3-cd)pyrene	16.80	276	27209	3.96	ng	# 79
87) Benzo(b)fluoranthene	15.01	252	85543m	4.79	ng	
88) Benzo(k)fluoranthene	15.03	252	29530m	2.01	ng	
89) Benzo(a)pyrene	15.36	252	45667	3.11	ng	# 79
91) Benzo(g,h,i)perylene	17.22	276	41401	3.20	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080795.D

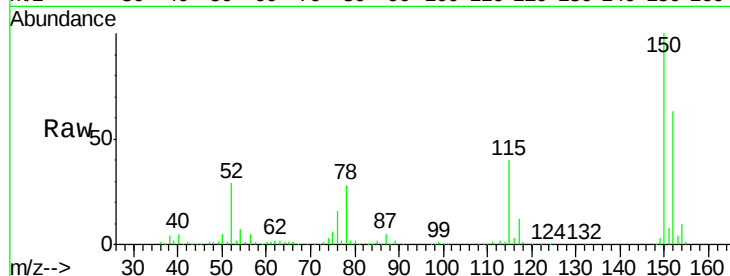
Acq: 1 Aug 2015 22:38

Instrument :

BNA_F

ClientSampleId :

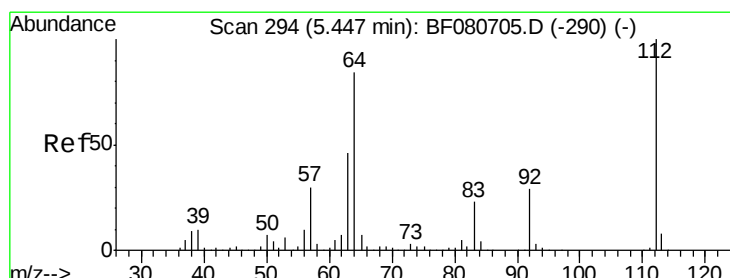
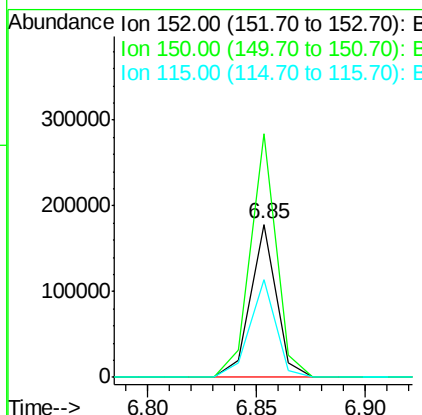
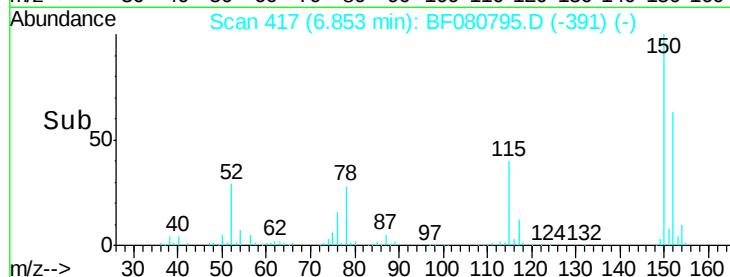
WEST-ABUT-3(0-2)



Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	129.6	194.4
115	64.0	56.6	85.0

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#5

2-Fluorophenol

Concen: 108.19 ng

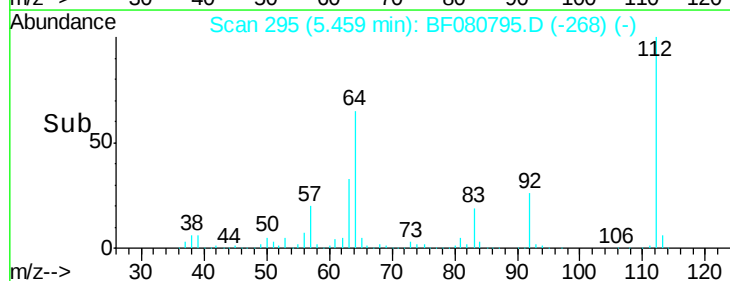
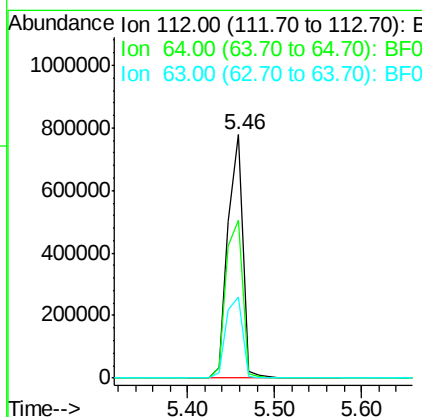
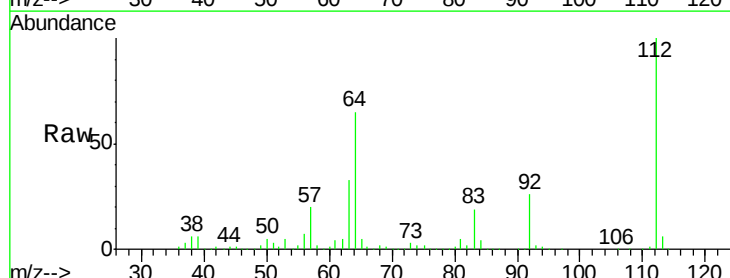
RT: 5.46 min Scan# 295

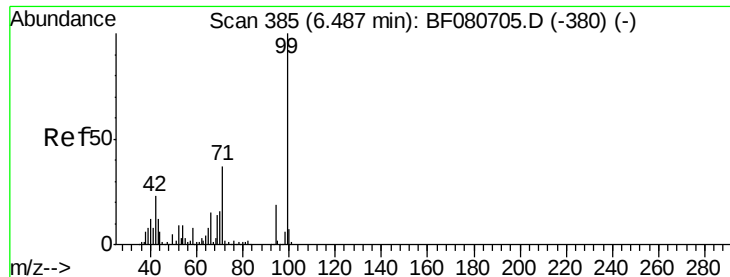
Delta R.T. 0.01 min

Lab File: BF080795.D

Acq: 1 Aug 2015 22:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	66.8	100.2#
63	33.5	36.7	55.1#





#7

Phenol-d6

Concen: 109.12 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080795.D

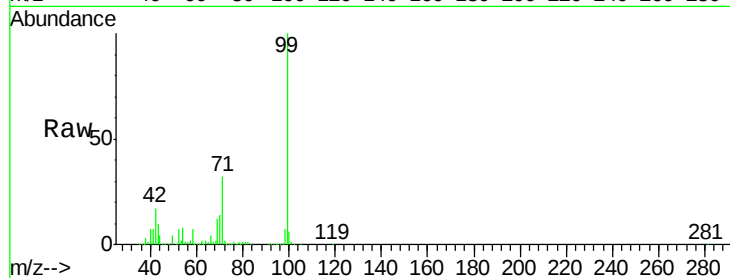
Acq: 1 Aug 2015 22:38

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-3(0-2)



Tgt Ion: 99 Resp: 1272367

Ion Ratio Lower Upper

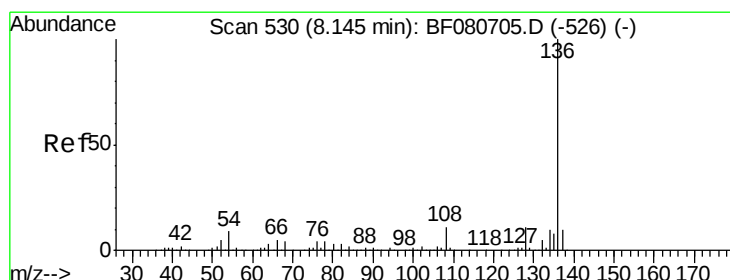
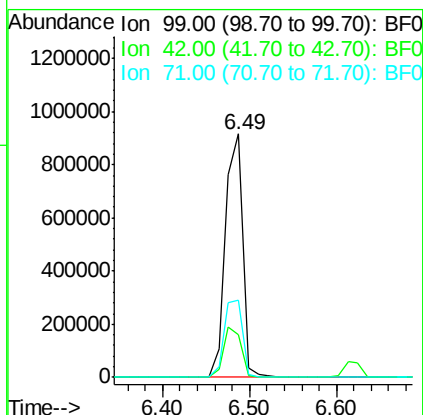
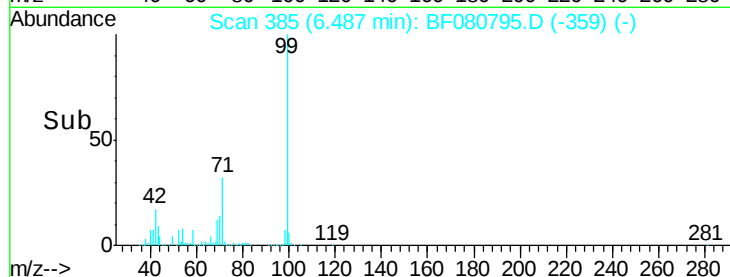
99 100

42 17.4 18.2 27.2#

71 31.9 29.5 44.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080795.D

Acq: 1 Aug 2015 22:38

Tgt Ion: 136 Resp: 502132

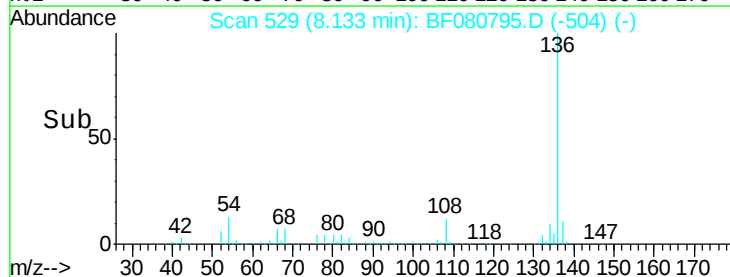
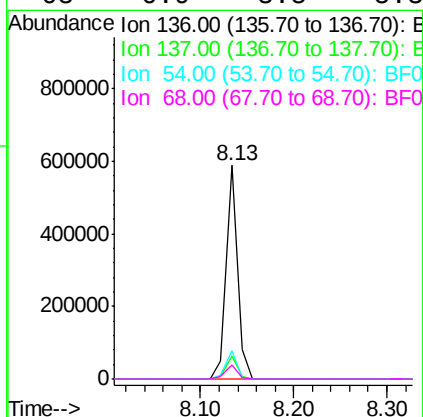
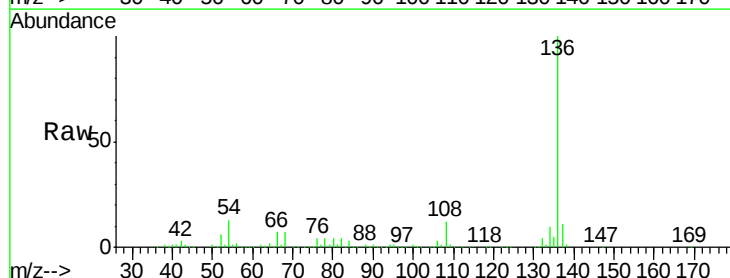
Ion Ratio Lower Upper

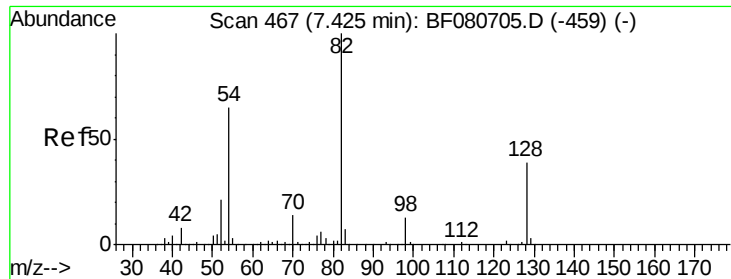
136 100

137 10.8 8.4 12.6

54 13.4 6.9 10.3#

68 6.9 3.5 5.3#





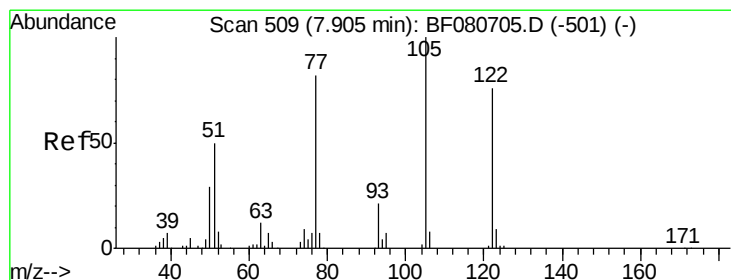
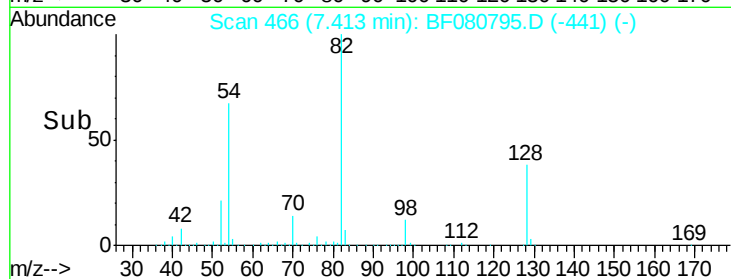
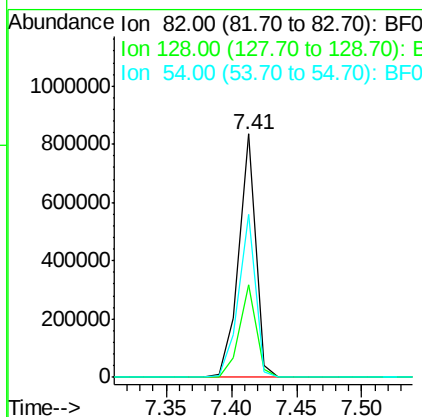
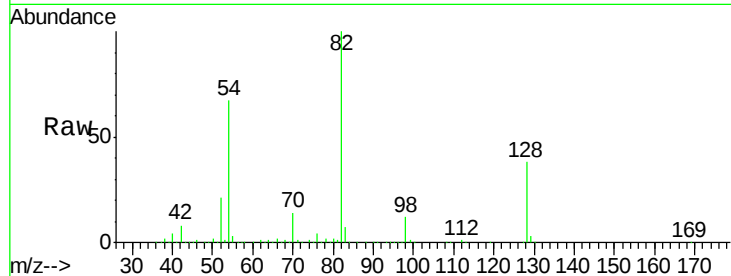
#23
 Nitrobenzene-d5
 Concen: 72.36 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080795.D
 Acq: 1 Aug 2015 22:38

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-3(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	750354		
128	38.0		31.5	47.3
54	66.8		51.8	77.8

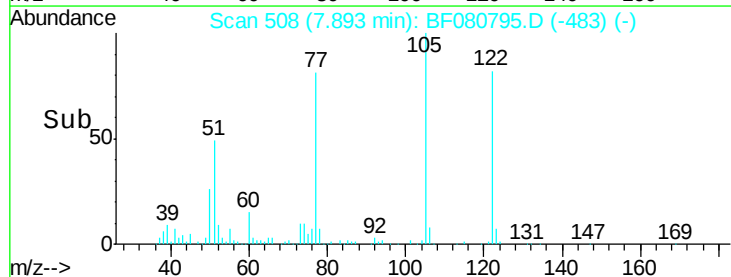
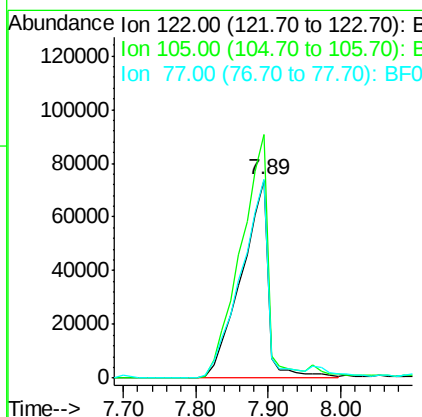
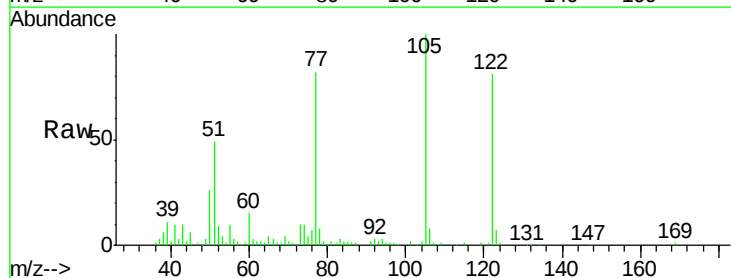
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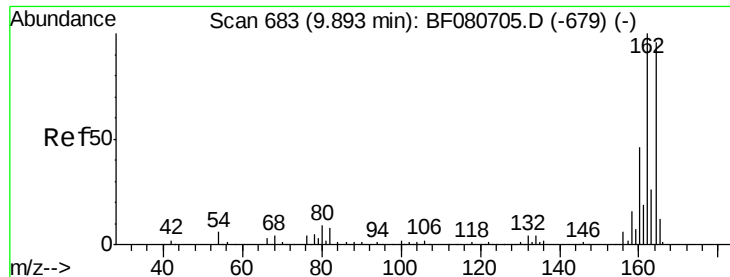
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#32
 Benzoic acid
 Concen: 34.61 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF080795.D
 Acq: 1 Aug 2015 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	191791		
105	123.1		111.3	151.3
77	100.7		88.1	128.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080795.D

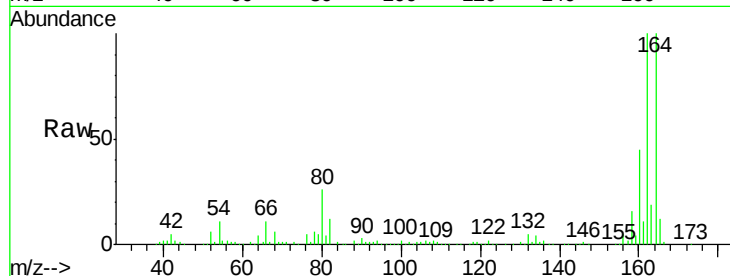
Acq: 1 Aug 2015 22:38

Instrument :

BNA_F

ClientSampleId :

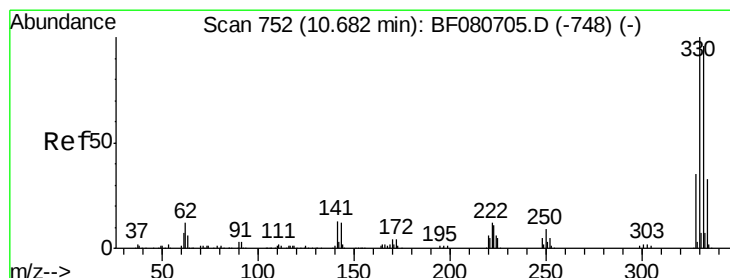
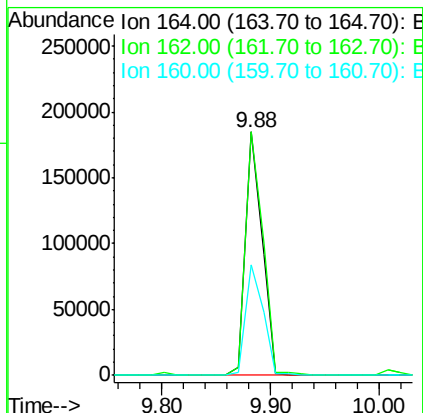
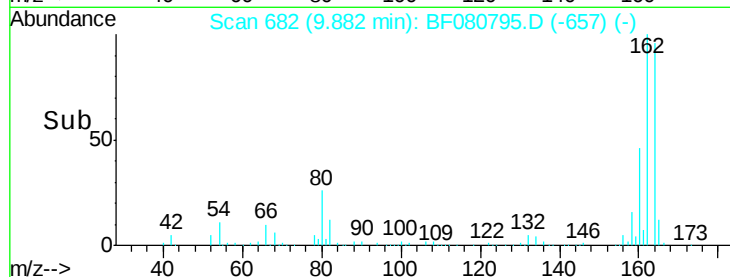
WEST-ABUT-3(0-2)



Tgt Ion	Ratio	Resp	Lower	Upper
164	100	195266		
162	99.9	83.4	125.0	
160	45.3	38.0	57.0	

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#41

2,4,6-Tribromophenol

Concen: 95.56 ng

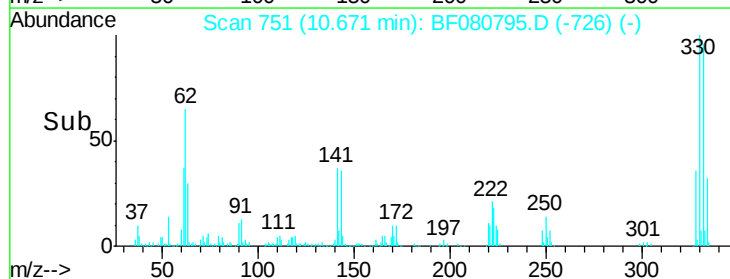
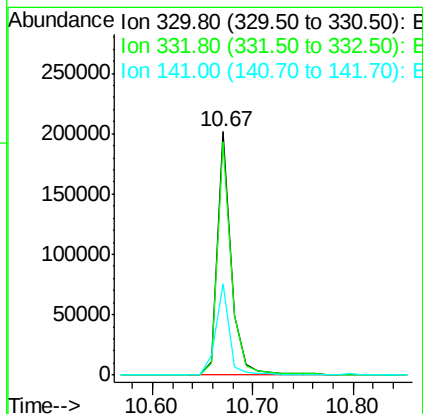
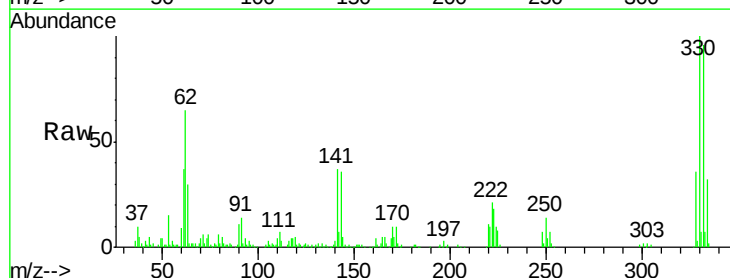
RT: 10.67 min Scan# 751

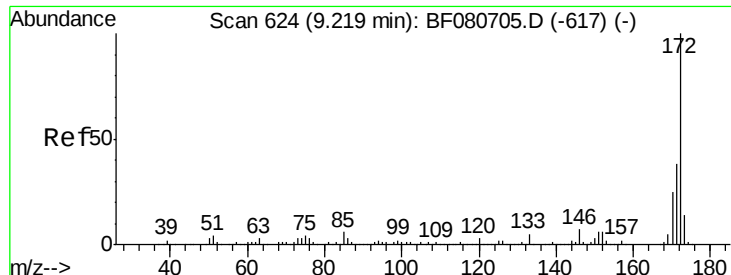
Delta R.T. -0.01 min

Lab File: BF080795.D

Acq: 1 Aug 2015 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	193628		
332	97.5	76.6	114.8	
141	37.8	26.0	39.0	





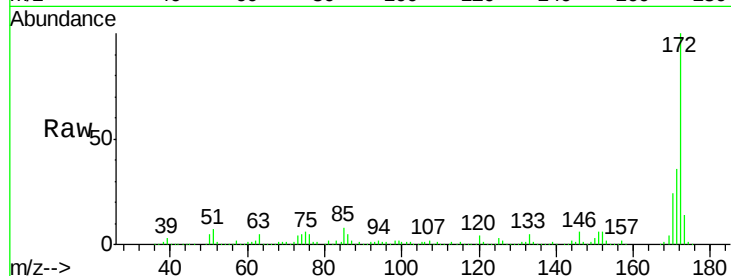
#44
2-Fluorobiphenyl
Concen: 87.01 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF080795.D
Acq: 1 Aug 2015 22:38

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-3(0-2)

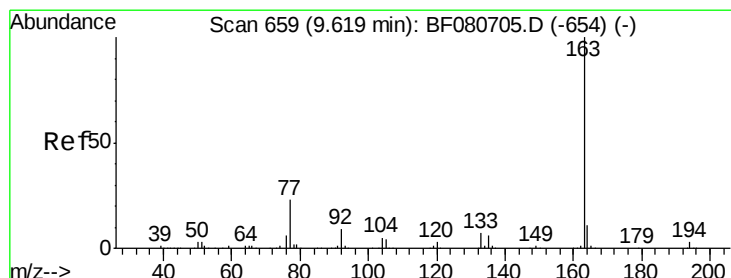
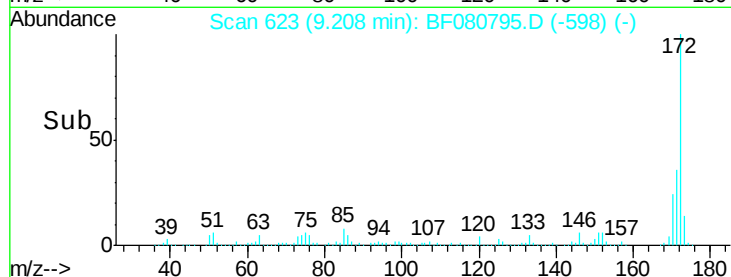
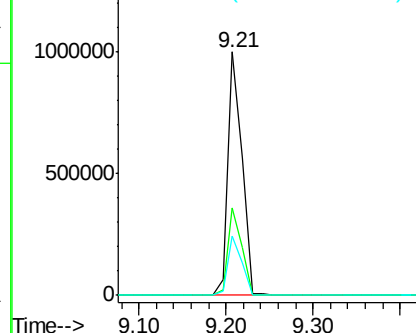
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.2	45.4
170	24.4	20.2	30.2

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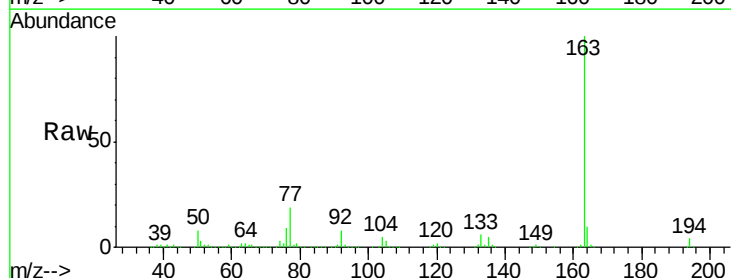


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

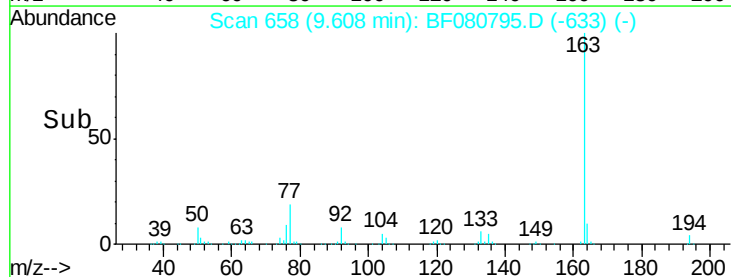
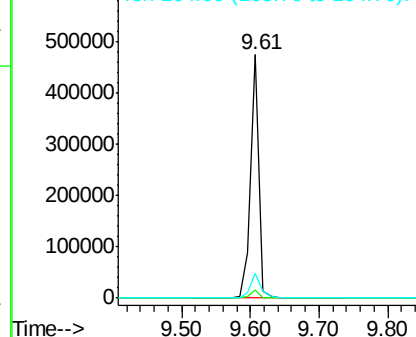


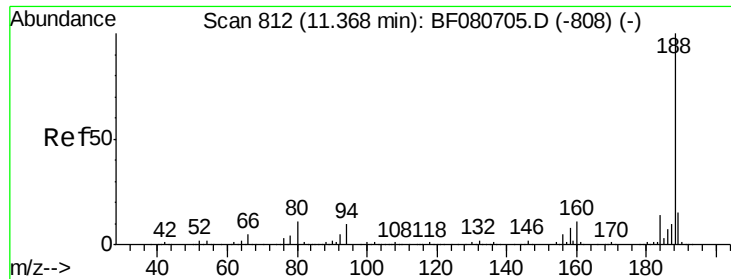
#49
Dimethylphthalate
Concen: 29.32 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080795.D
Acq: 1 Aug 2015 22:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.7	13.1



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





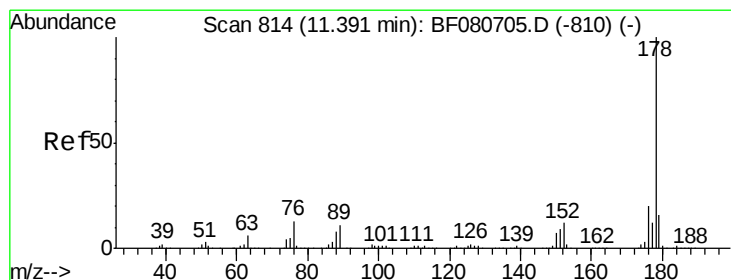
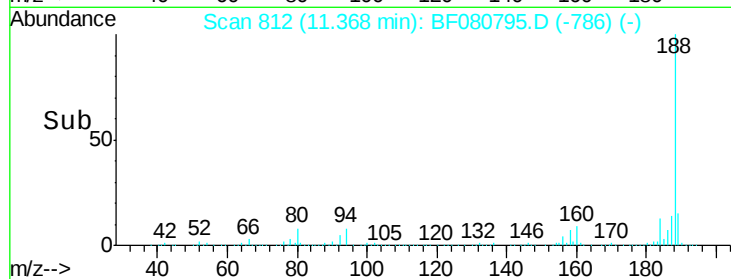
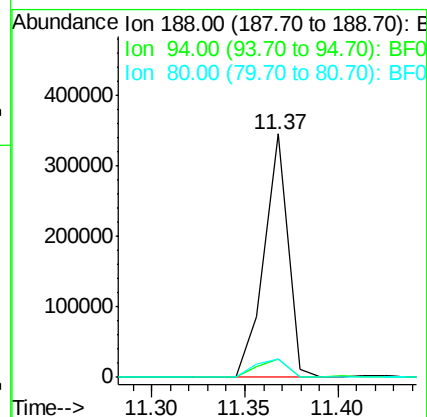
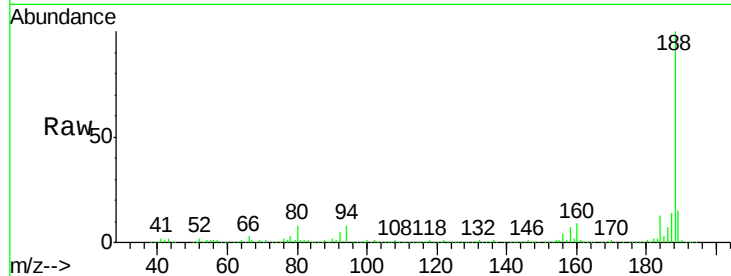
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080795.D
Acq: 1 Aug 2015 22:38

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-3(0-2)

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	7.7	8.1	12.1#
80	7.6	9.1	13.7#

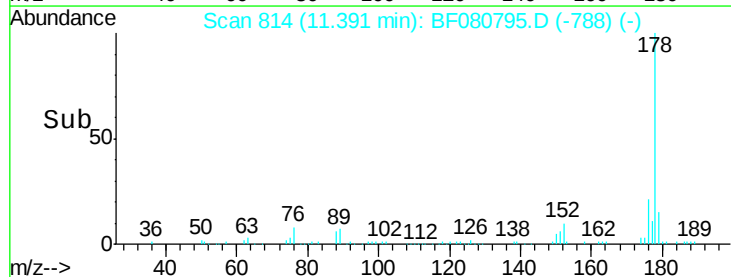
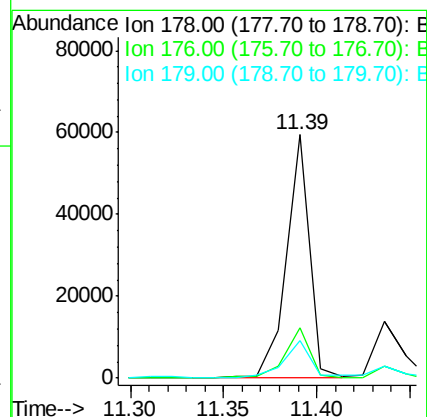
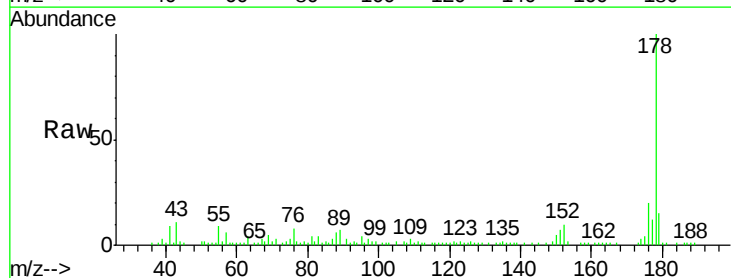
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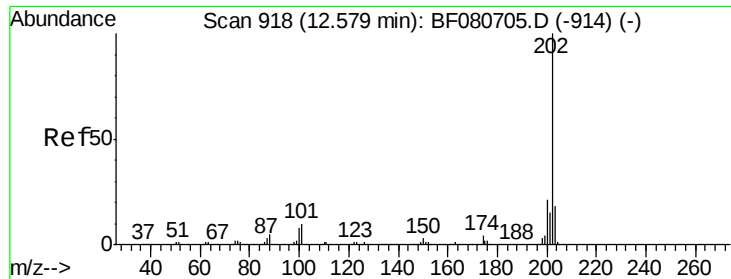
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#70
Phenanthrene
Concen: 3.33 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF080795.D
Acq: 1 Aug 2015 22:38

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.2	13.0	19.4





#74

Fluoranthene

Concen: 6.35 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF080795.D

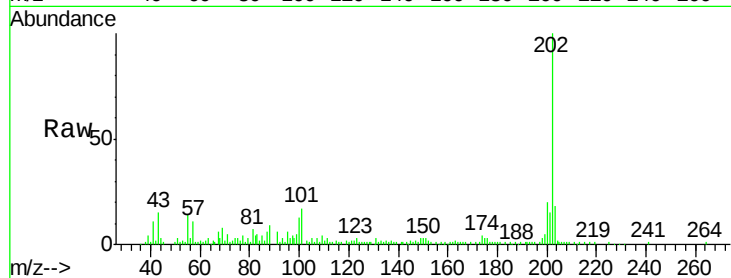
Acq: 1 Aug 2015 22:38

Instrument :

BNA_F

ClientSampleId :

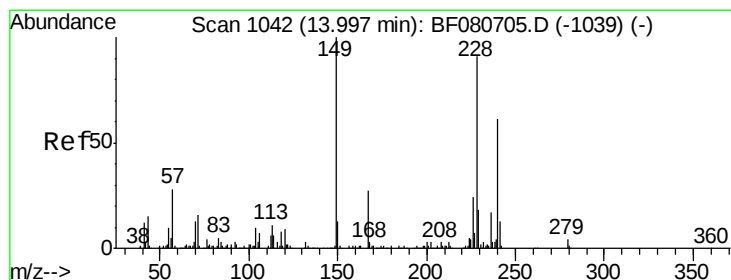
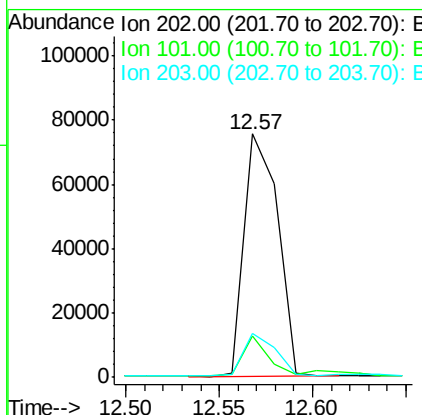
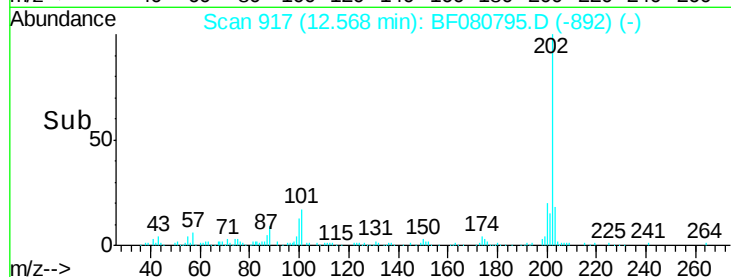
WEST-ABUT-3(0-2)



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	94396		
101	17.1	0.0	29.6	
203	18.1	0.0	37.8	

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#75

Chrysene-d12

Concen: 20.00 ng

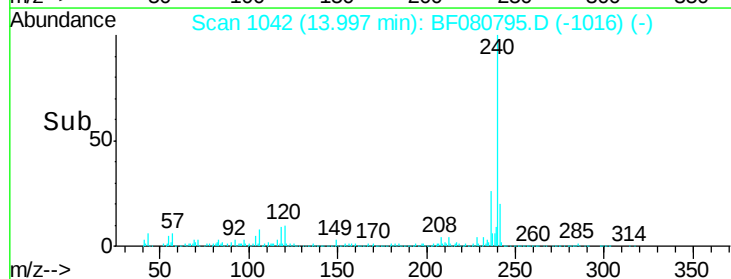
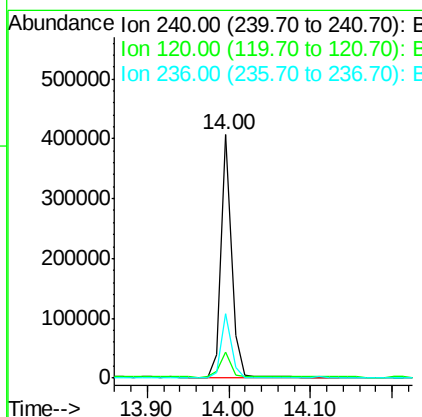
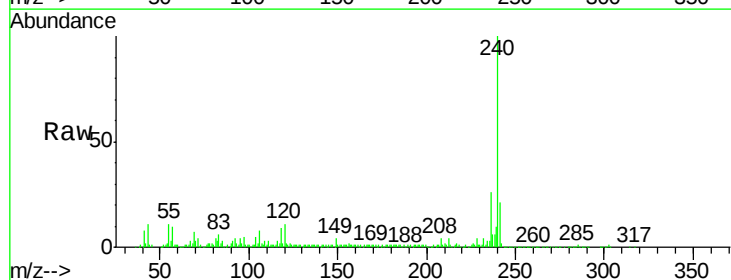
RT: 14.00 min Scan# 1042

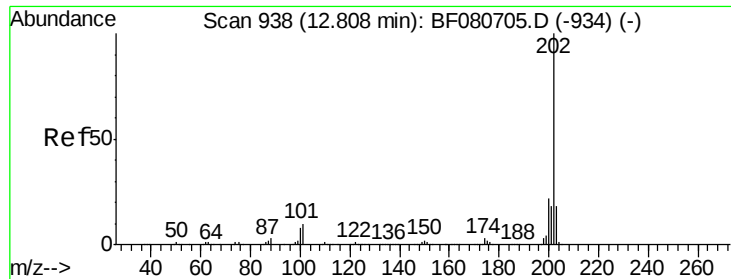
Delta R.T. -0.00 min

Lab File: BF080795.D

Acq: 1 Aug 2015 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	363606		
120	10.8	11.8	17.8#	
236	26.5	21.8	32.8	





#77

Pyrene

Concen: 3.21 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF080795.D

Acq: 1 Aug 2015 22:38

Instrument :

BNA_F

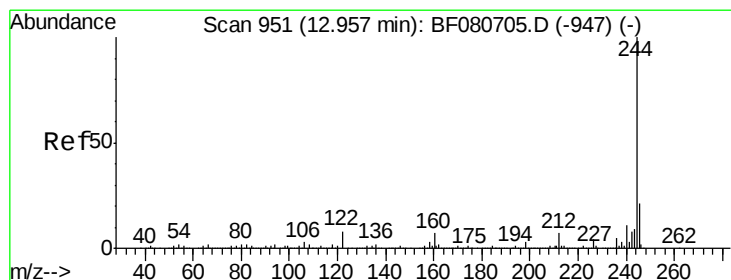
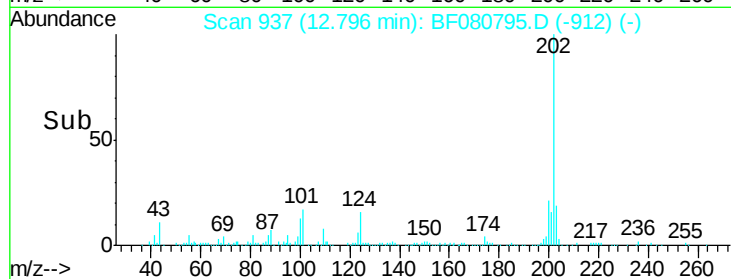
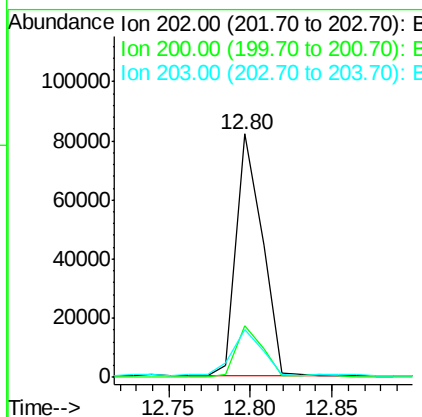
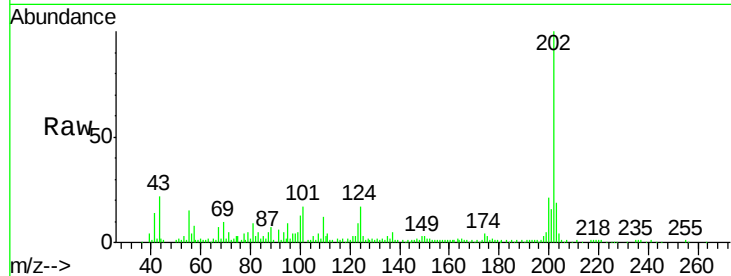
ClientSampleId :

WEST-ABUT-3(0-2)

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.4	26.2
203	19.5	14.2	21.2

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#78

Terphenyl-d14

Concen: 46.62 ng

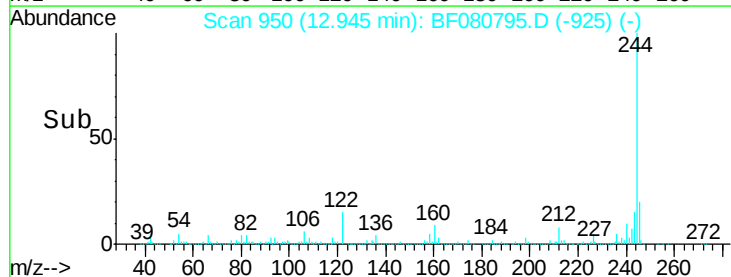
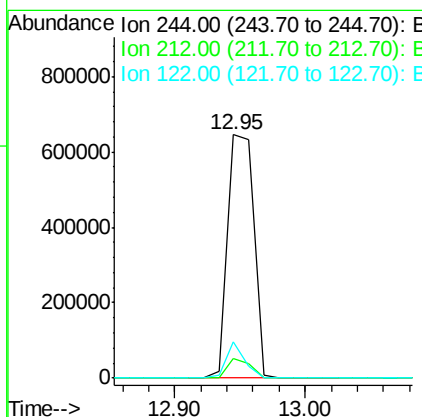
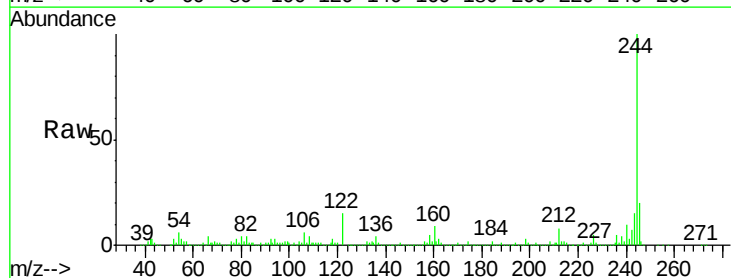
RT: 12.95 min Scan# 950

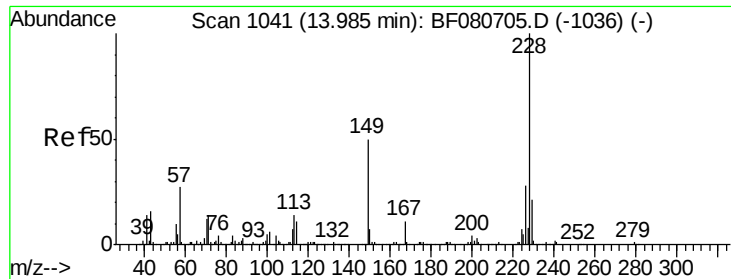
Delta R.T. -0.01 min

Lab File: BF080795.D

Acq: 1 Aug 2015 22:38

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.1	5.9	8.9
122	15.0	6.6	9.8#





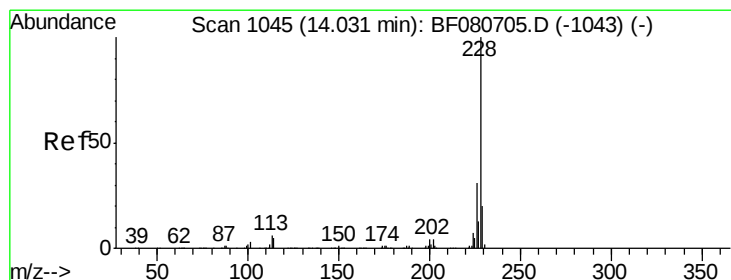
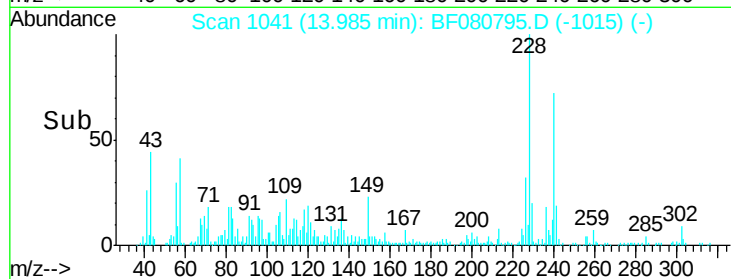
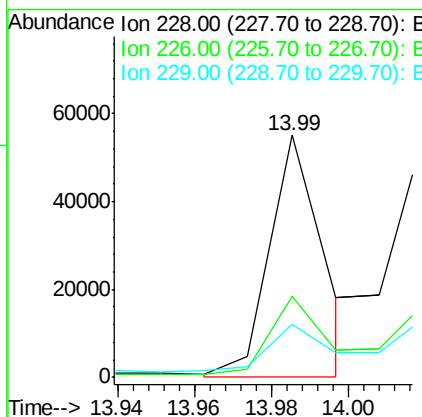
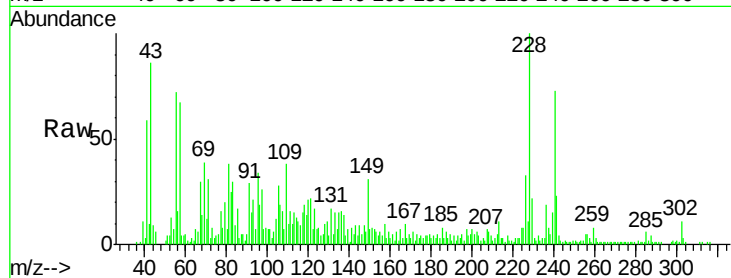
#80
Benzo(a)anthracene
Concen: 2.45 ng m
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080795.D
Acq: 1 Aug 2015 22:38

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-3(0-2)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.6	33.8
229	21.6	16.6	25.0

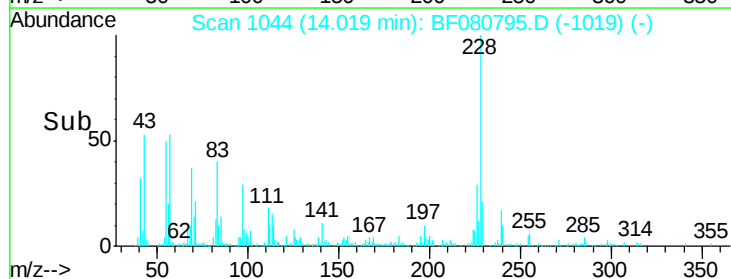
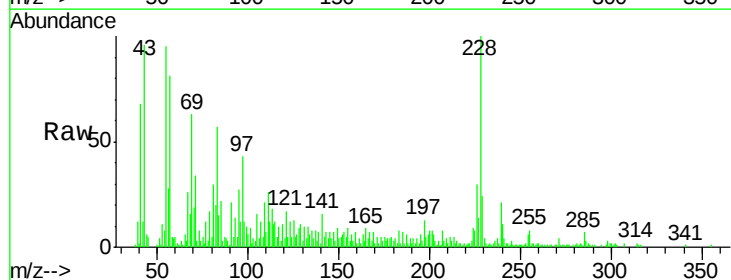
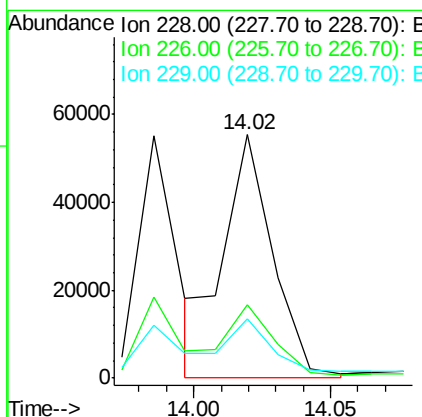
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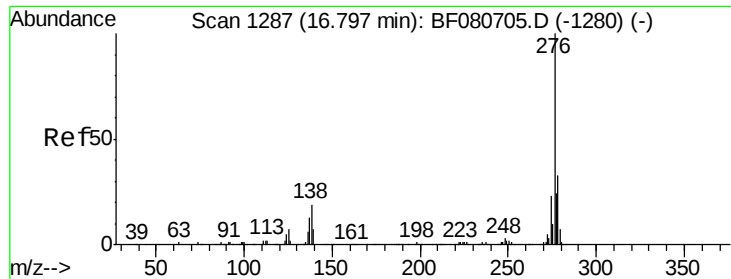
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#82
Chrysene
Concen: 3.24 ng m
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF080795.D
Acq: 1 Aug 2015 22:38

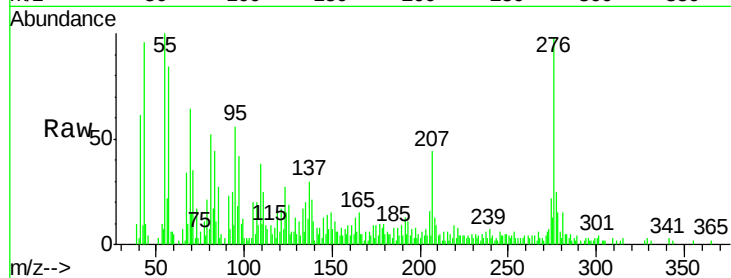
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.1	37.7
229	24.3	15.8	23.8





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.96 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF080795.D
 Acq: 1 Aug 2015 22:38

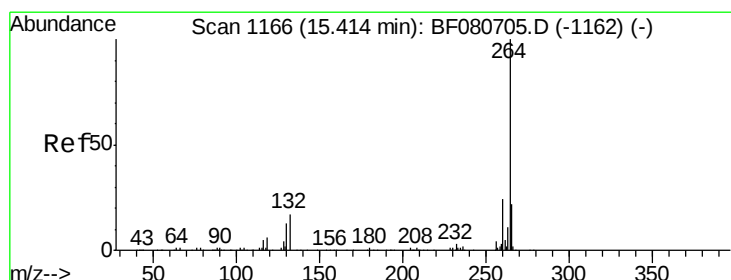
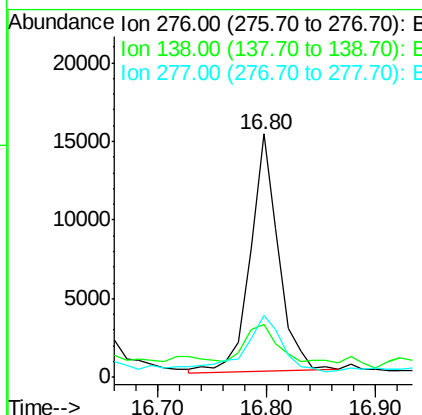
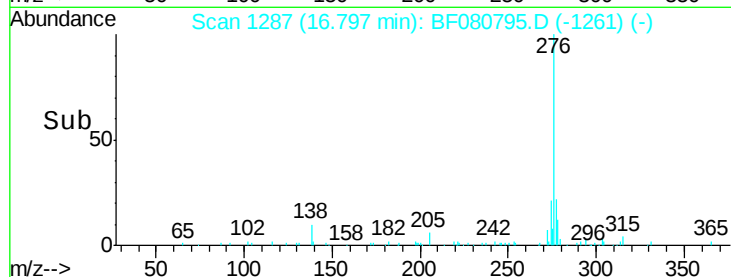
Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-3(0-2)



Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	13.2	19.8#
277	33.3	15.4	23.2#

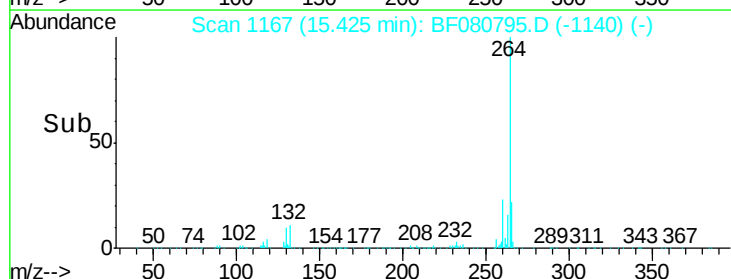
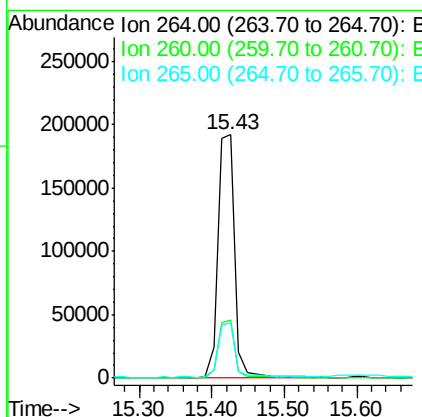
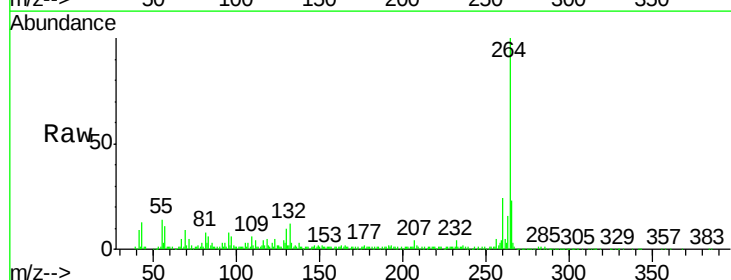
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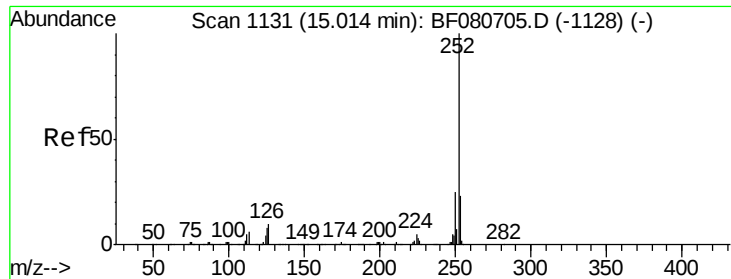
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF080795.D
 Acq: 1 Aug 2015 22:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	22.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 4.79 ng m

RT: 15.01 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF080795.D

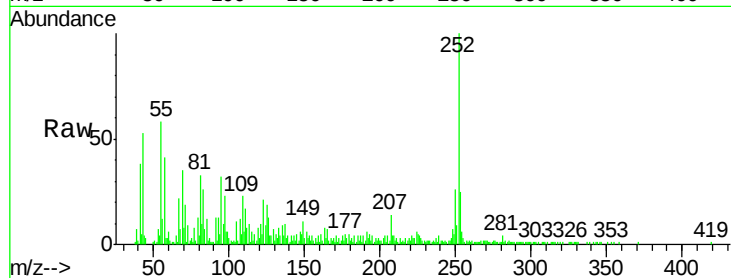
Acq: 1 Aug 2015 22:38

Instrument :

BNA_F

ClientSampleId :

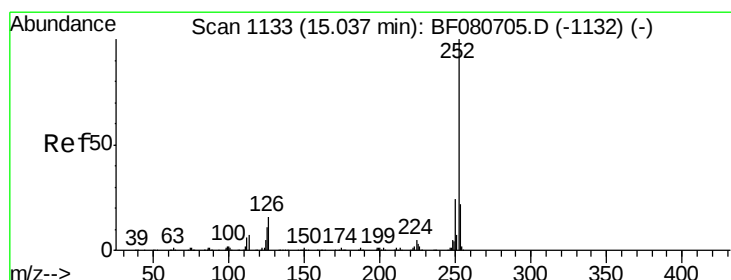
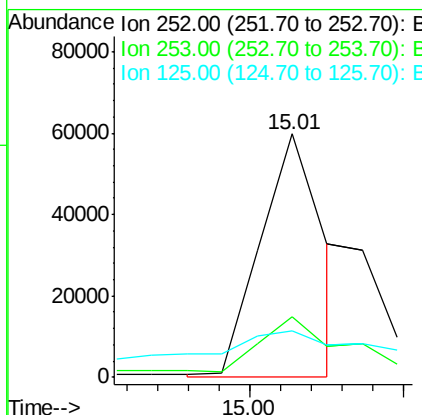
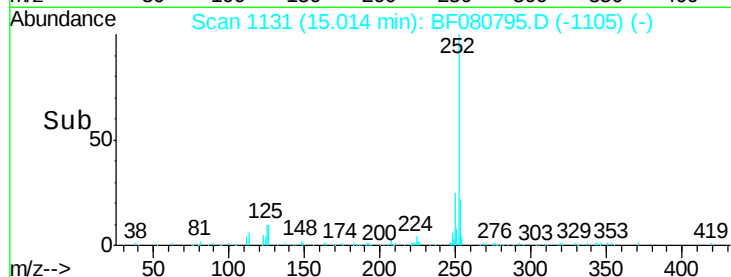
WEST-ABUT-3(0-2)



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	19.1	6.2	9.2#

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#88

Benzo(k)fluoranthene

Concen: 2.01 ng m

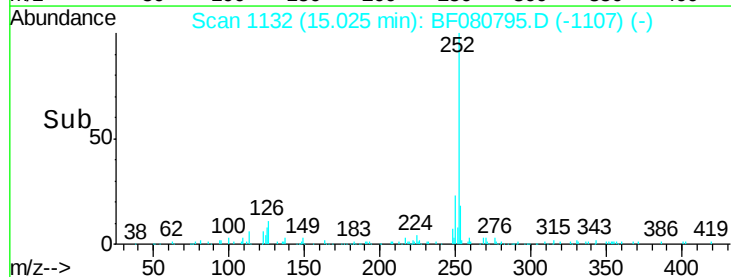
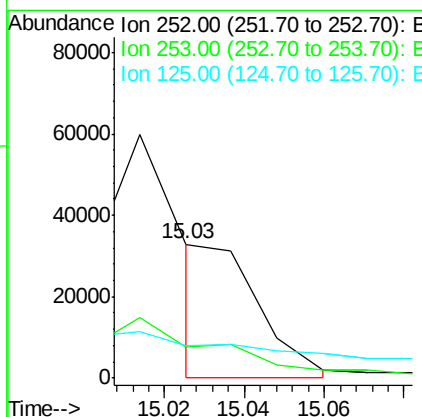
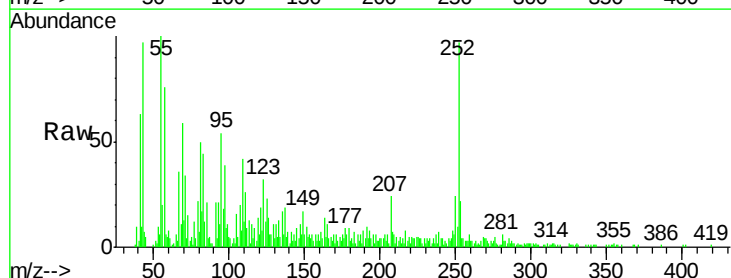
RT: 15.03 min Scan# 1132

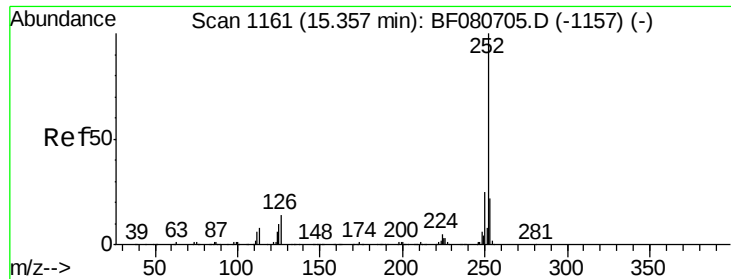
Delta R.T. -0.01 min

Lab File: BF080795.D

Acq: 1 Aug 2015 22:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	23.8	9.0	13.4#





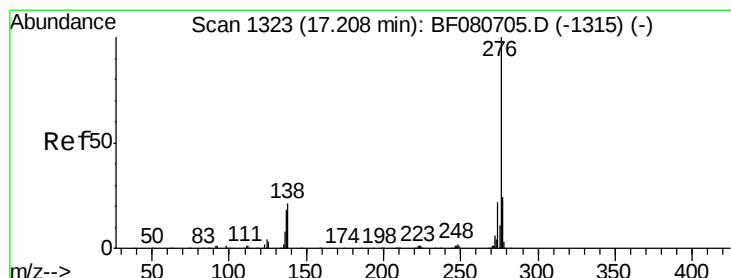
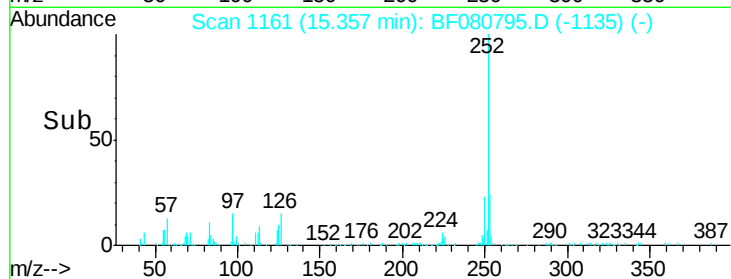
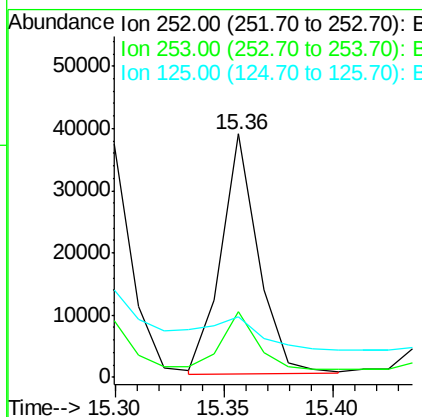
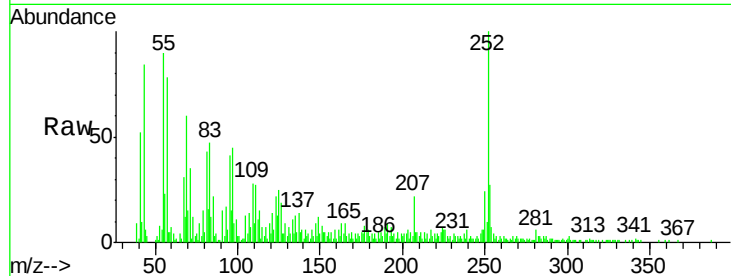
#89
Benzo(a)pyrene
Concen: 3.11 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080795.D
Acq: 1 Aug 2015 22:38

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-3(0-2)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.2	25.8#
125	25.1	8.2	12.4#

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#91
Benzo(g,h,i)perylene
Concen: 3.20 ng
RT: 17.22 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF080795.D
Acq: 1 Aug 2015 22:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	25.0	16.9	25.3

