

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078495.D
 Acq On : 14 Apr 2015 9:54
 Operator : TP/IZ
 Sample : G1787-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03C

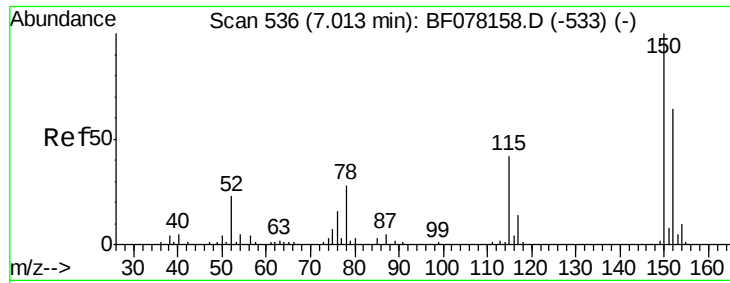
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Quant Time: Apr 14 11:48:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 11:28:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	34997	20.00	ng	0.00
21) Naphthalene-d8	8.40	136	145621	20.00	ng	-0.01
38) Acenaphthene-d10	10.56	164	72654	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	135129	20.00	ng	0.00
75) Chrysene-d12	15.66	240	146808	20.00	ng	0.01
86) Perylene-d12	17.44	264	149070	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	255327	120.29	ng	0.01
7) Phenol-d6	6.43	99	328366	123.44	ng	0.00
23) Nitrobenzene-d5	7.53	82	180914	75.30	ng	0.00
41) 2,4,6-Tribromophenol	11.54	330	71675	118.95	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	223149	43.90	ng	0.00
78) Terphenyl-d14	14.38	244	252468	38.86	ng	0.00
Target Compounds						
10) Phenol	6.44	94	9874	3.10	ng	Qvalue # 54
33) 4-Chloroaniline	8.52	127	24908	7.92	ng	98
37) 2-Methylnaphthalene	9.29	142	25949	5.04	ng	94
49) Dimethylphthalate	10.26	163	20387	3.74	ng	# 98
70) Phenanthrene	12.41	178	56325	7.21	ng	97
74) Fluoranthene	13.87	202	59254	7.19	ng	97
77) Pyrene	14.15	202	54356	5.90	ng	# 94
80) Benzo(a)anthracene	15.65	228	26852	3.07	ng	# 93
82) Chrysene	15.68	228	25308	3.08	ng	# 95
83) Bis(2-ethylhexyl)phthalate	15.74	149	210994	38.30	ng	# 97
87) Benzo(b)fluoranthene	16.97	252	30695m	3.33	ng	
89) Benzo(a)pyrene	17.37	252	20768	2.58	ng	# 70

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



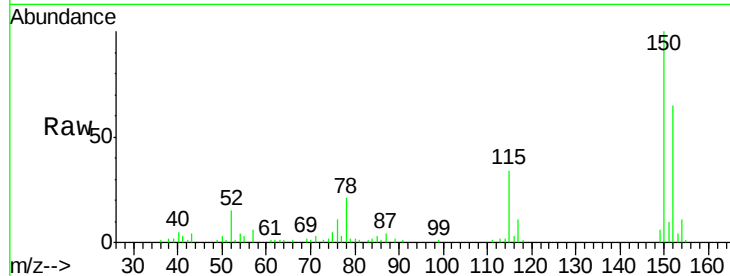
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF078495.D
 Acq: 14 Apr 2015 9:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03C

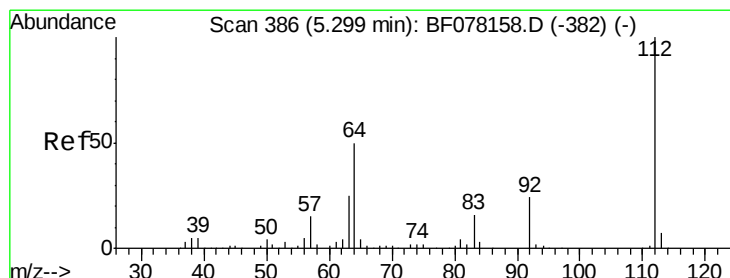
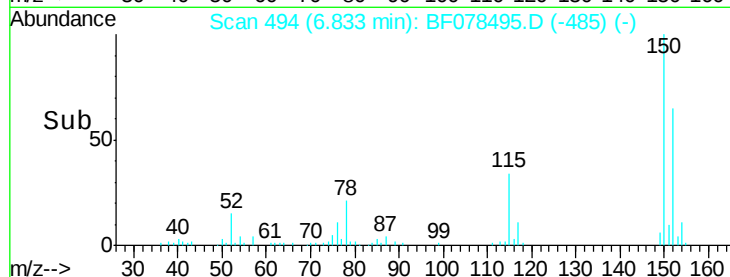
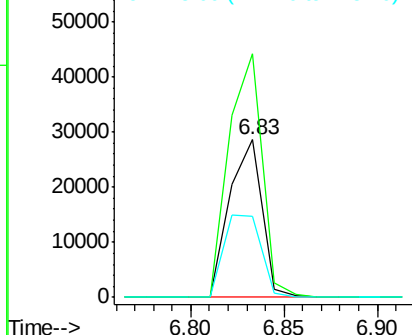
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.9	188.9
115	51.8	52.7	79.1#

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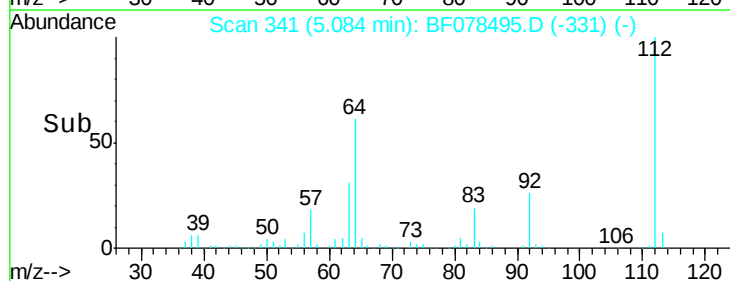
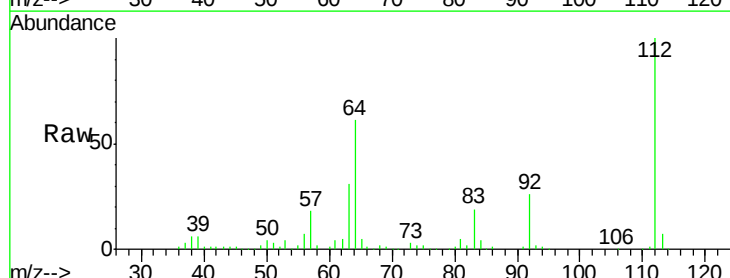
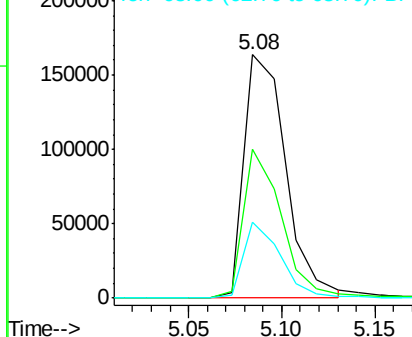
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

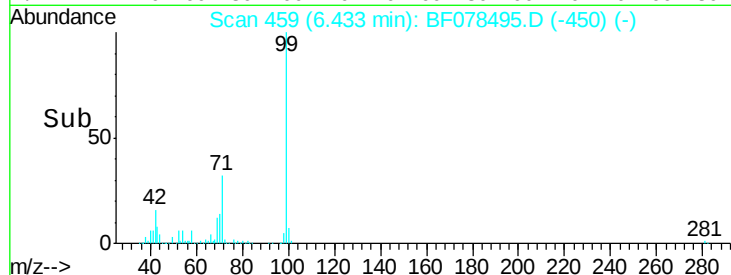
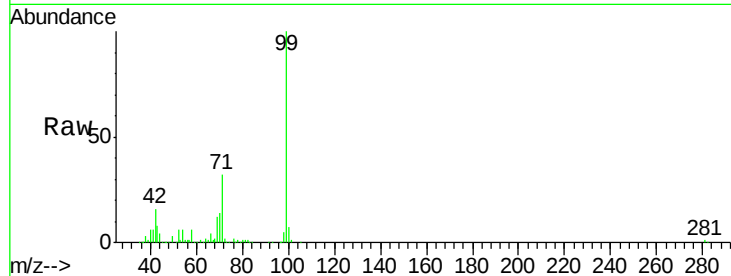
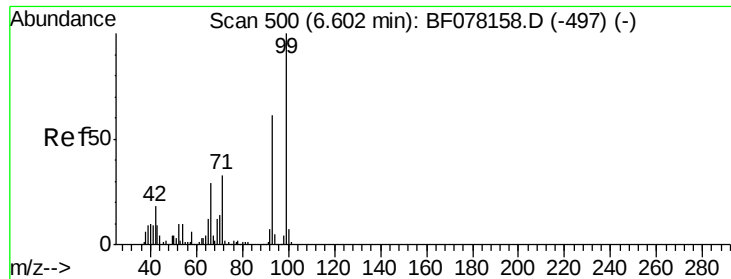


#5
 2-Fluorophenol
 Concen: 120.29 ng
 RT: 5.08 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: BF078495.D
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Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	39.9	59.9#
63	31.4	20.2	30.4#

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: 123.44 ng

RT: 6.43 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF078495.D

Acq: 14 Apr 2015 9:54

Tgt Ion:	99	Resp:	328366
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.8	22.2
71	31.6	26.6	39.8

Instrument :

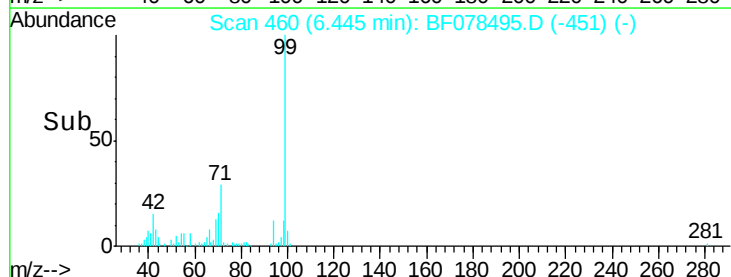
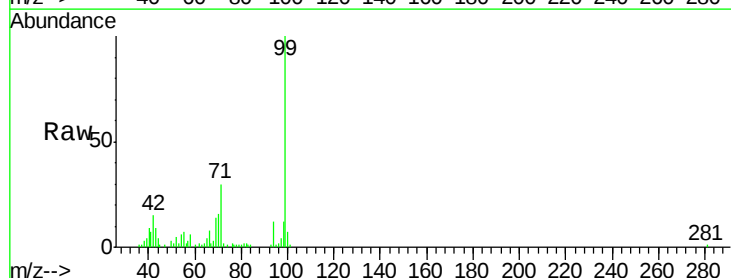
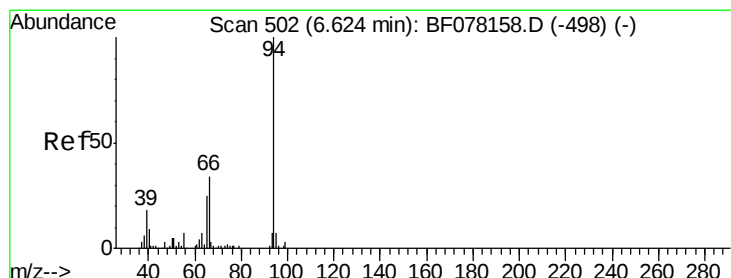
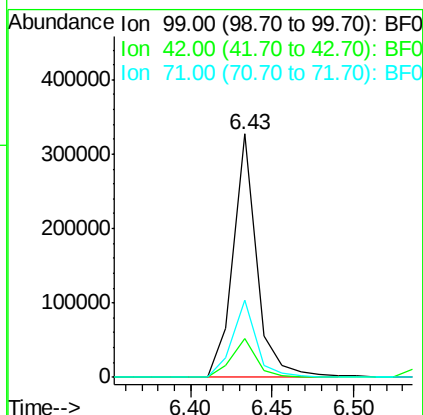
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#10

Phenol

Concen: 3.10 ng

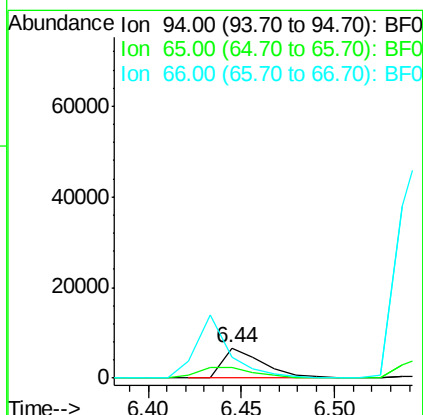
RT: 6.44 min Scan# 460

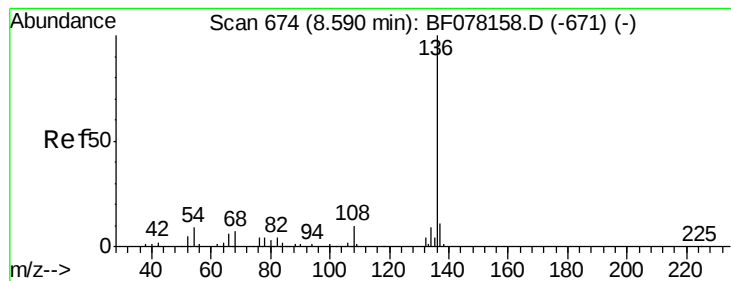
Delta R.T. 0.00 min

Lab File: BF078495.D

Acq: 14 Apr 2015 9:54

Tgt Ion:	94	Resp:	9874
Ion Ratio	Lower	Upper	
94	100		
65	35.0	4.9	44.9
66	70.7	13.8	53.8#





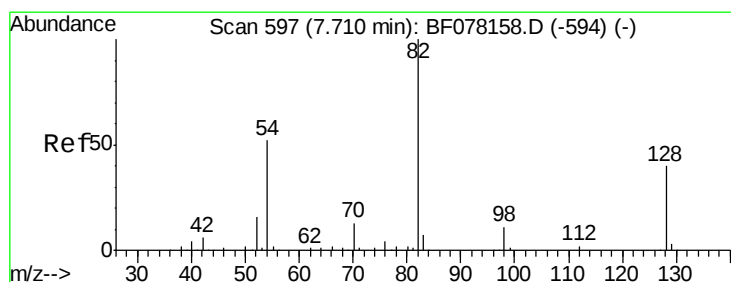
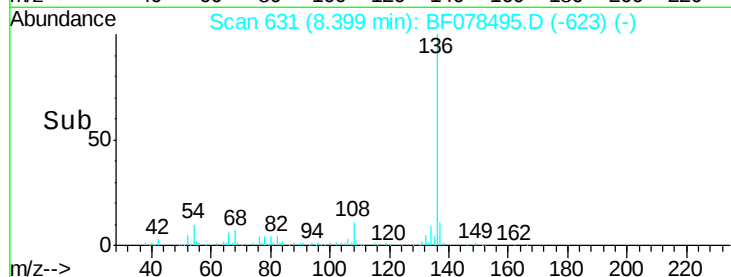
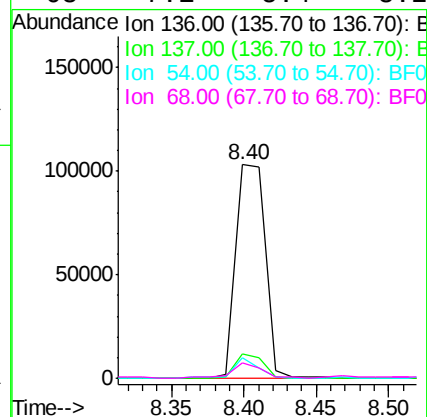
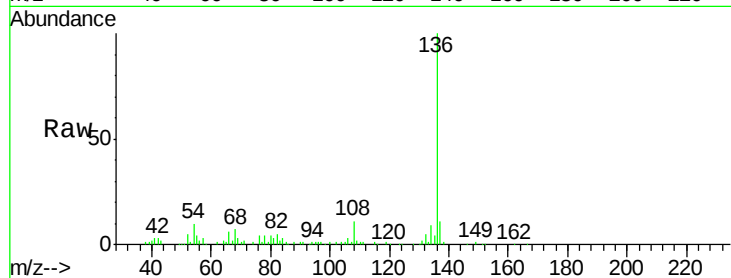
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.40 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF078495.D
Acq: 14 Apr 2015 9:54

Instrument :
BNA_F
ClientSampleId :
LS-SD03C

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	145621		
137	11.4	9.0	13.4	
54	9.8	7.0	10.6	
68	7.1	5.4	8.2	

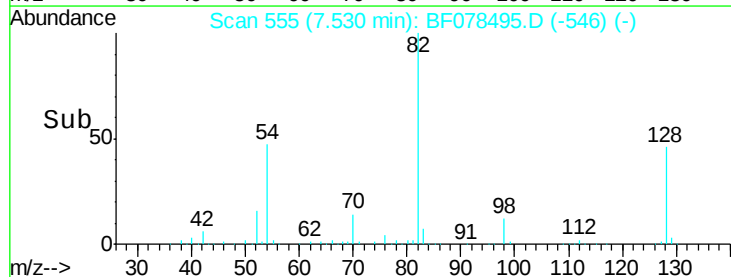
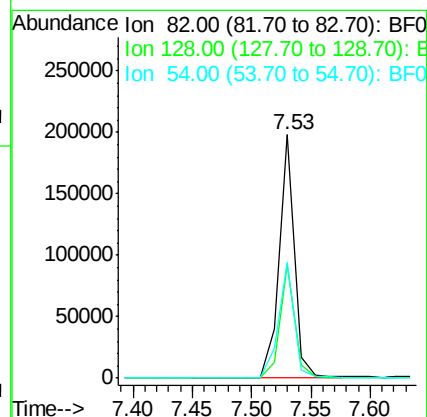
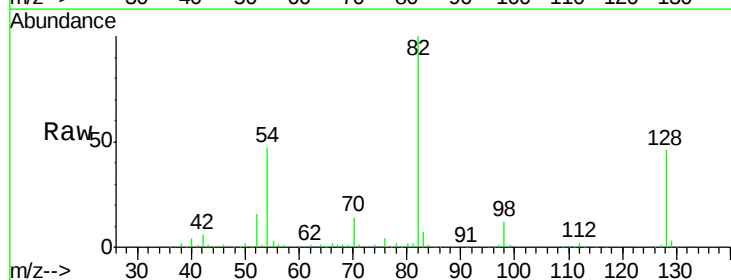
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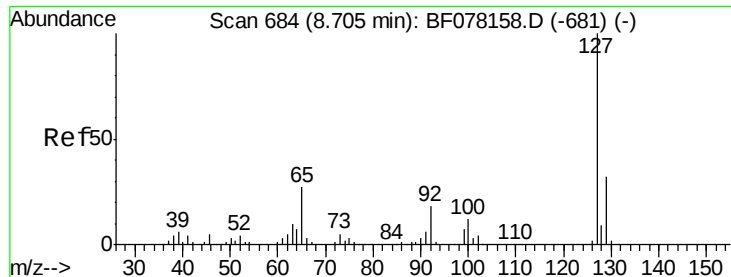
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#23
Nitrobenzene-d5
Concen: 75.30 ng
RT: 7.53 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF078495.D
Acq: 14 Apr 2015 9:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	180914		
128	46.4	31.8	47.8	
54	47.3	41.5	62.3	





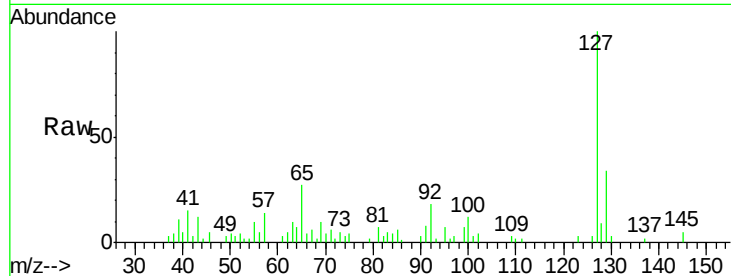
#33
 4-Chloroaniline
 Concen: 7.92 ng
 RT: 8.52 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF078495.D
 Acq: 14 Apr 2015 9:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03C

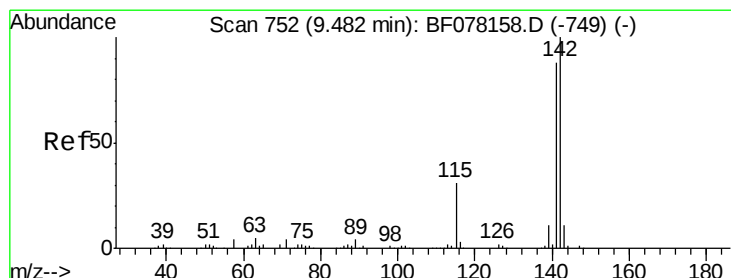
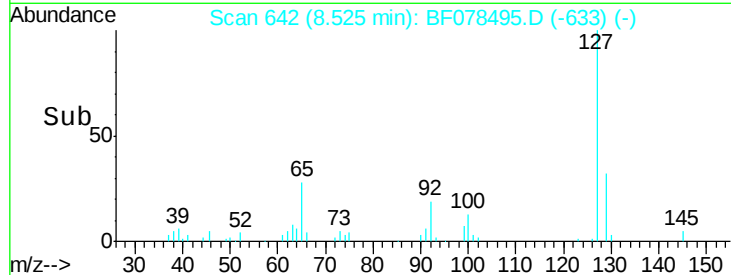
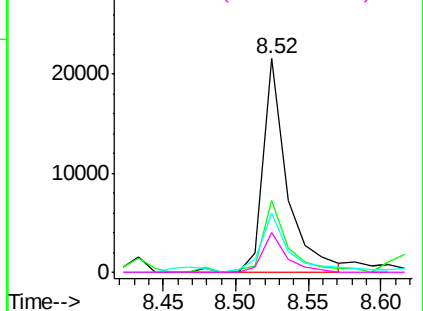
Tgt Ion:	127	Resp:	24908
Ion Ratio	Lower	Upper	
127	100		
129	33.7	25.5	38.3
65	27.4	21.7	32.5
92	18.4	14.6	21.8

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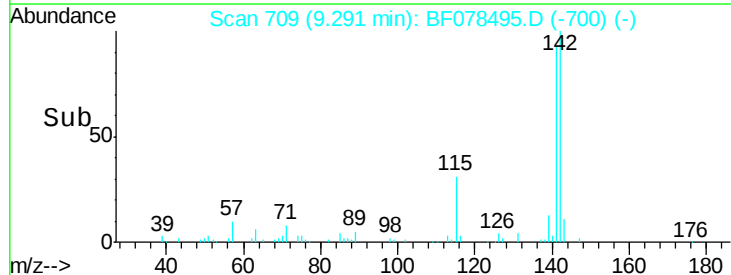
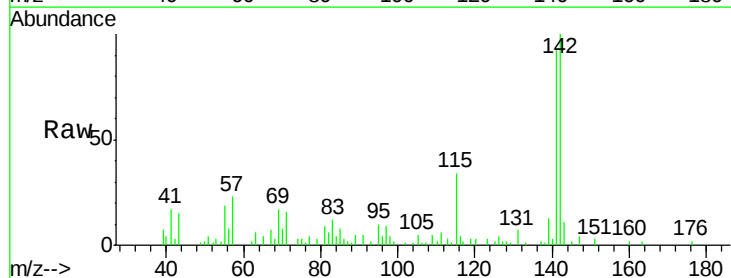
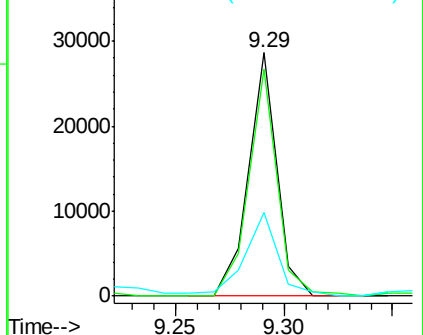
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

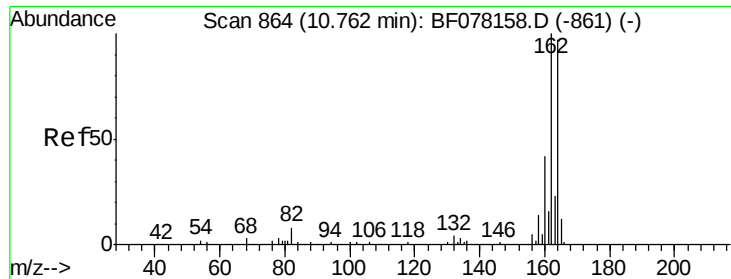


#37
 2-Methylnaphthalene
 Concen: 5.04 ng
 RT: 9.29 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF078495.D
 Acq: 14 Apr 2015 9:54

Tgt Ion:	142	Resp:	25949
Ion Ratio	Lower	Upper	
142	100		
141	93.1	70.3	105.5
115	34.4	24.6	37.0

Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF078495.D

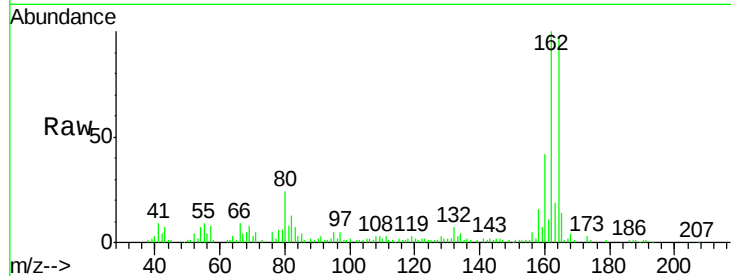
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Instrument :

BNA_F

ClientSampleId :

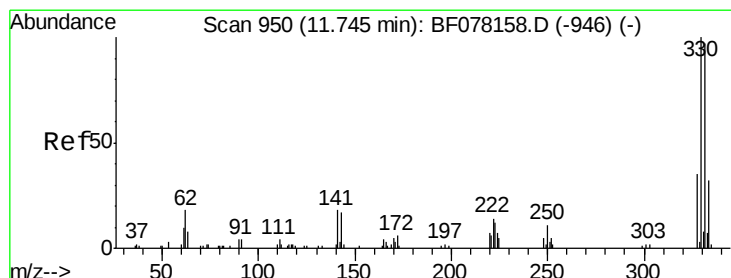
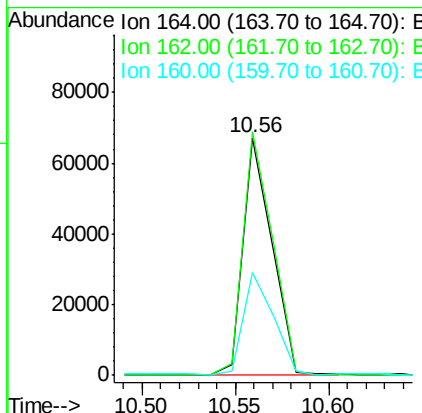
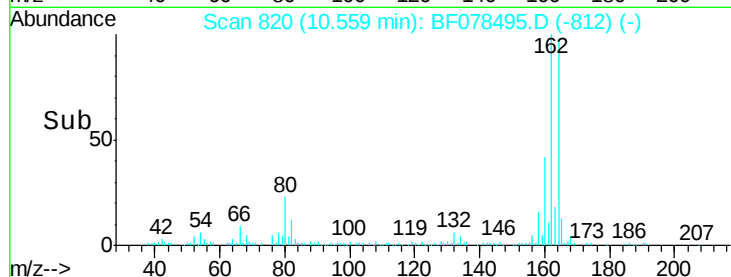
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Tgt Ion:	164	Resp:	72654
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.2	123.2
160	43.1	34.7	52.1

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#41

2,4,6-Tribromophenol

Concen: 118.95 ng

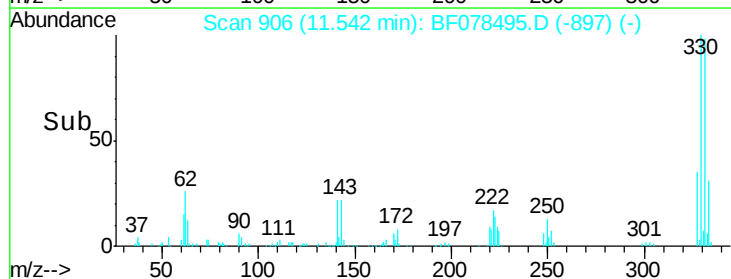
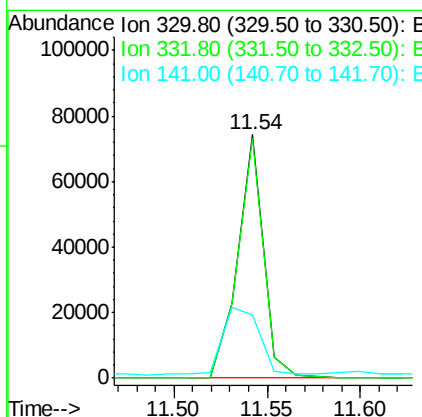
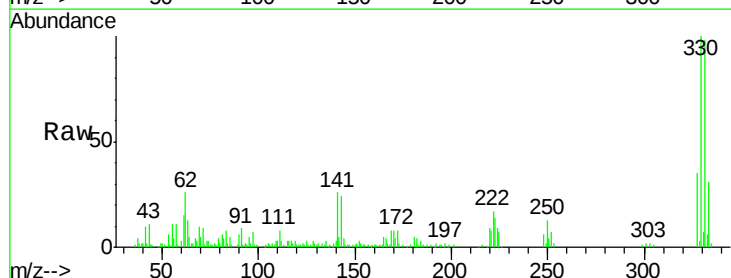
RT: 11.54 min Scan# 906

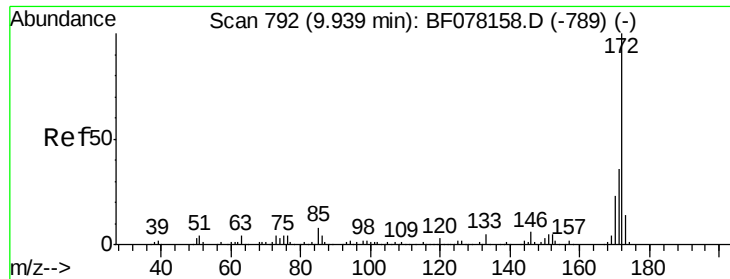
Delta R.T. 0.00 min

Lab File: BF078495.D

Acq: 14 Apr 2015 9:54

Tgt Ion:	330	Resp:	71675
Ion Ratio	Lower	Upper	
330	100		
332	99.4	78.6	117.8
141	40.9	31.2	46.8





#44

2-Fluorobiphenyl

Concen: 43.90 ng

RT: 9.76 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF078495.D

Acq: 14 Apr 2015 9:54

Instrument :

BNA_F

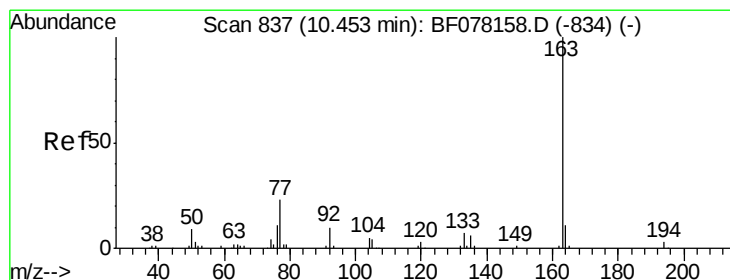
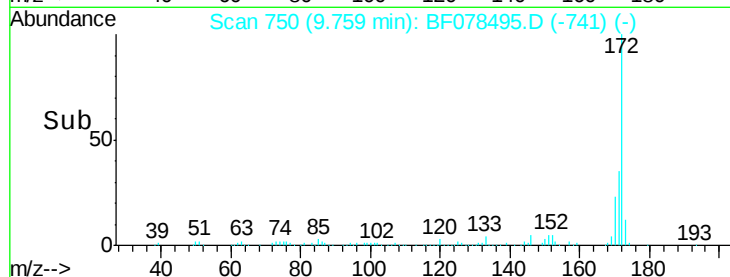
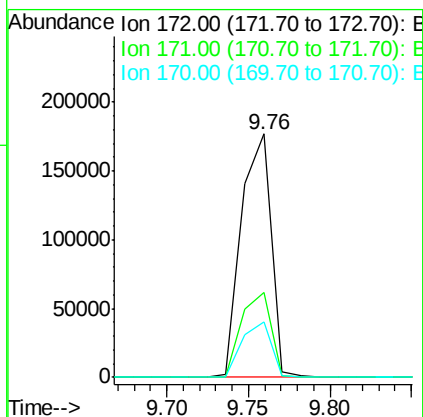
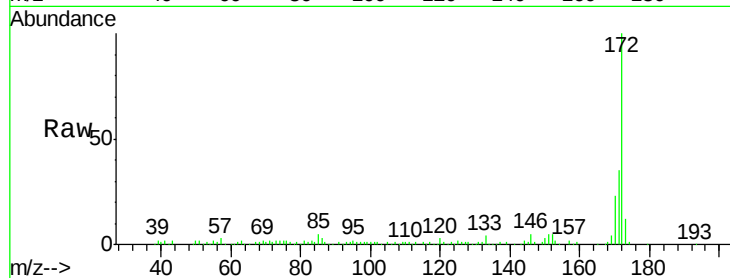
ClientSampleId :

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Tgt Ion:	172	Resp:	223149
Ion Ratio		Lower	Upper
172	100		
171	35.1	28.6	42.8
170	22.8	18.5	27.7

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#49

Dimethylphthalate

Concen: 3.74 ng

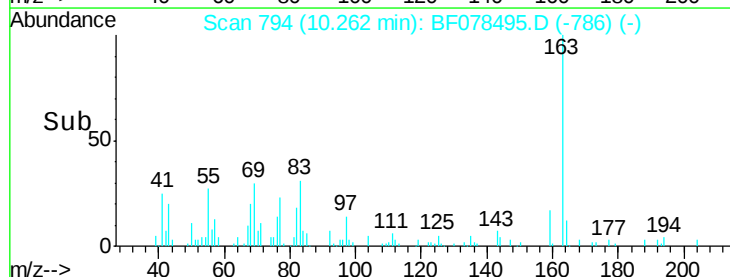
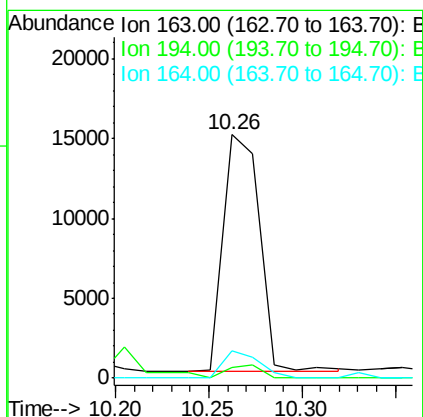
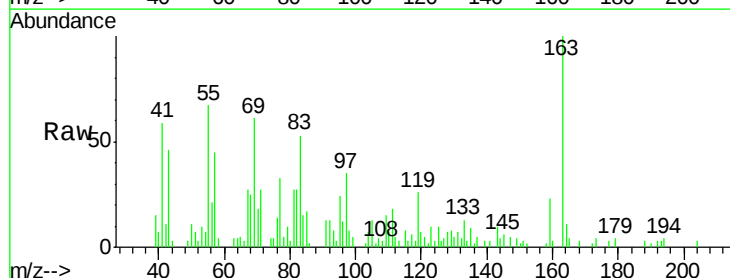
RT: 10.26 min Scan# 794

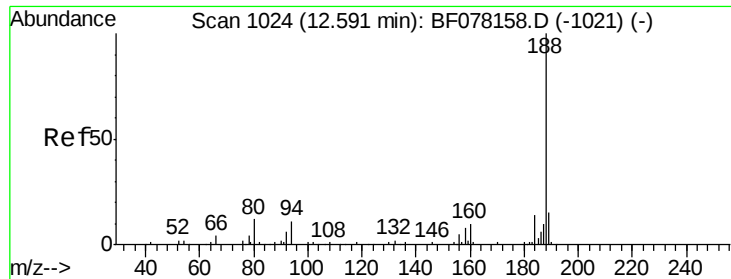
Delta R.T. -0.01 min

Lab File: BF078495.D

Acq: 14 Apr 2015 9:54

Tgt Ion:	163	Resp:	20387
Ion Ratio		Lower	Upper
163	100		
194	4.3	2.3	3.5#
164	11.3	8.6	13.0





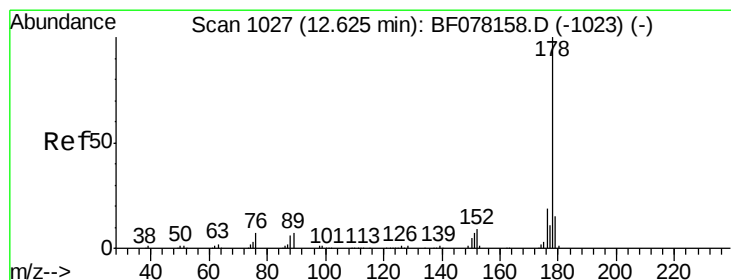
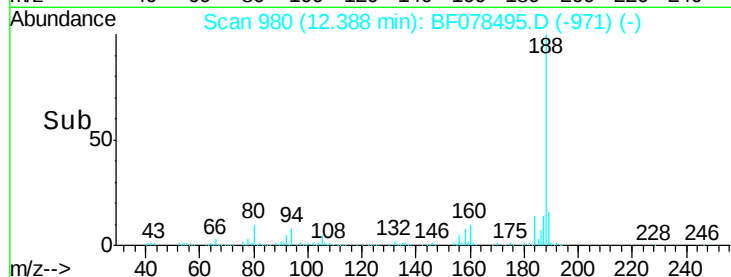
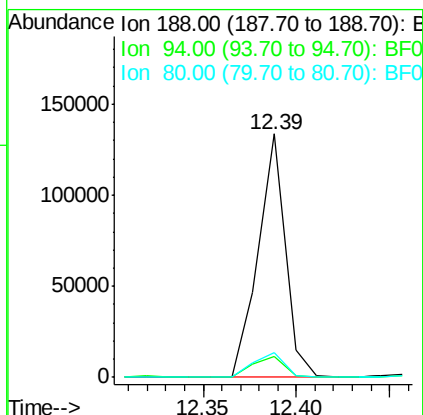
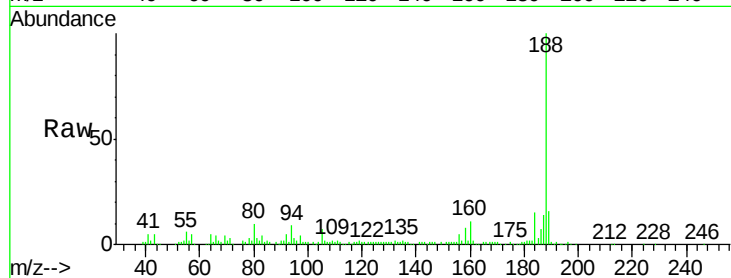
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF078495.D
 Acq: 14 Apr 2015 9:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03C

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	9.0	13.4#
80	9.9	9.5	14.3

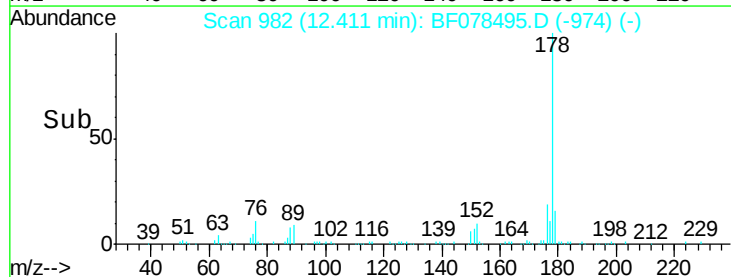
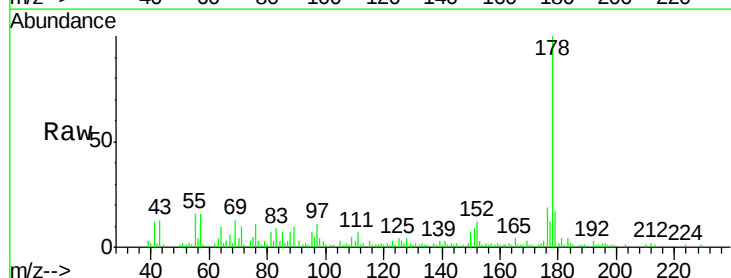
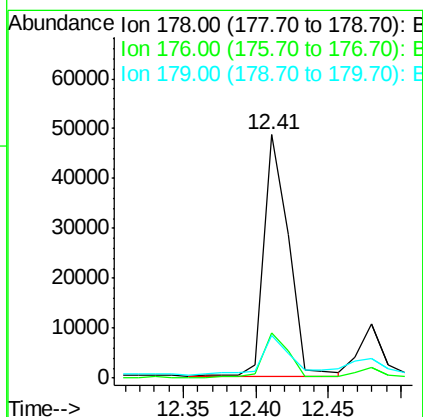
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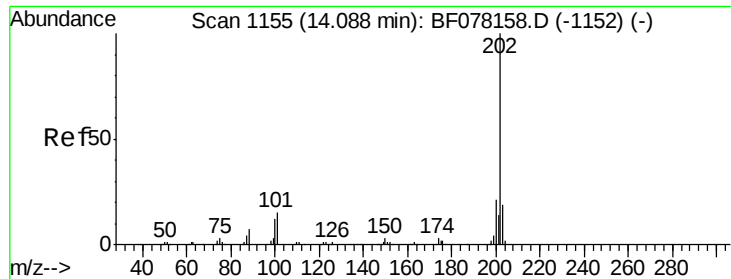
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#70
 Phenanthrene
 Concen: 7.21 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF078495.D
 Acq: 14 Apr 2015 9:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.6	15.4	23.0
179	17.3	12.2	18.2





#74

Fluoranthene

Concen: 7.19 ng

RT: 13.87 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF078495.D

Acq: 14 Apr 2015 9:54

Instrument :

BNA_F

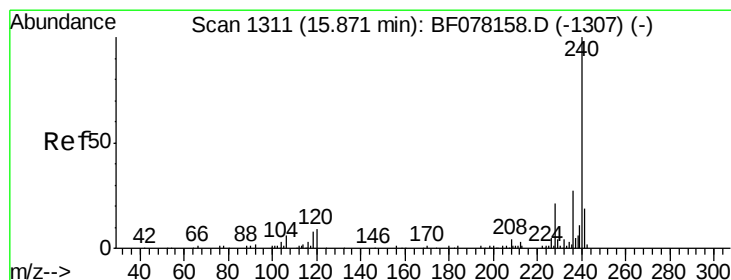
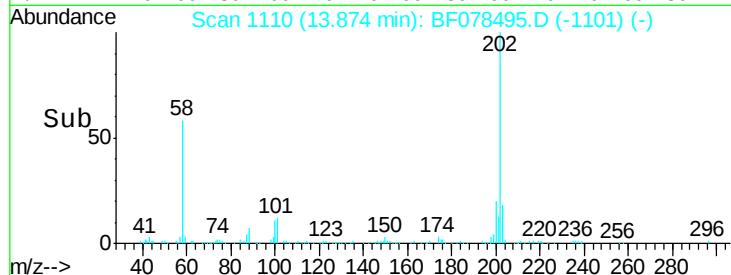
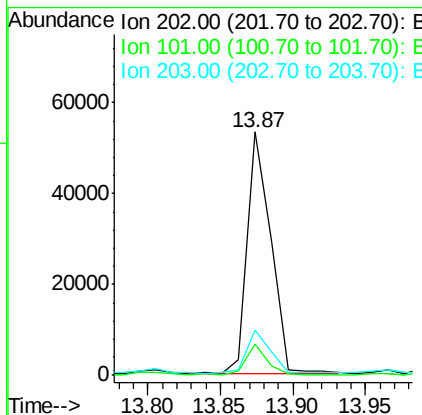
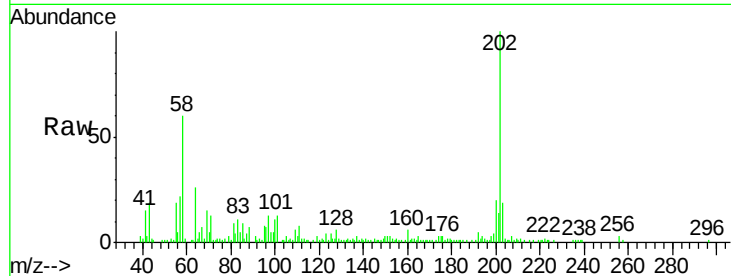
ClientSampleId :

LS-SD03C

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		59254		
101	12.8	0.0	35.2		
203	18.6	0.0	38.5		

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#75

Chrysene-d12

Concen: 20.00 ng

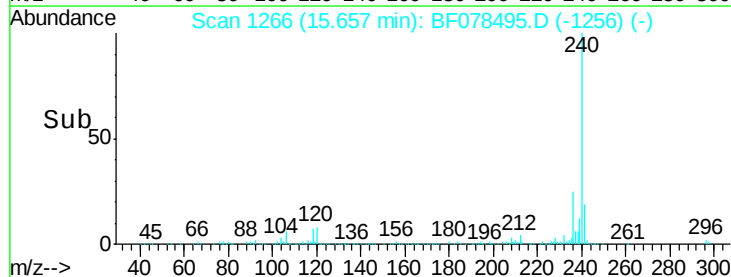
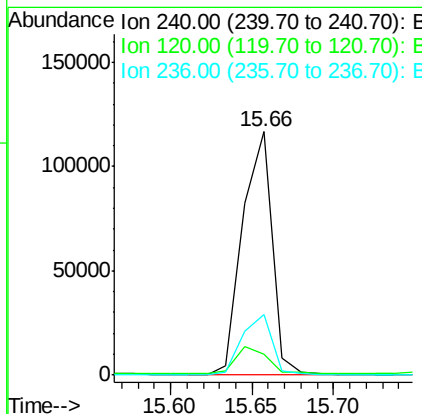
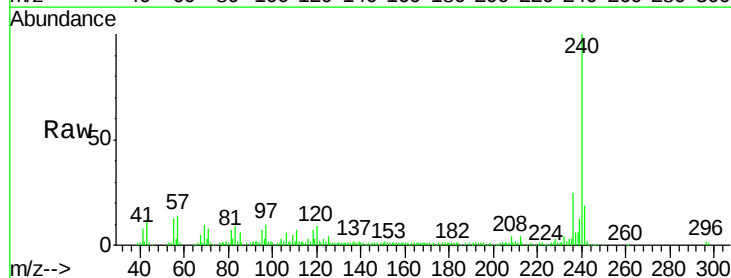
RT: 15.66 min Scan# 1266

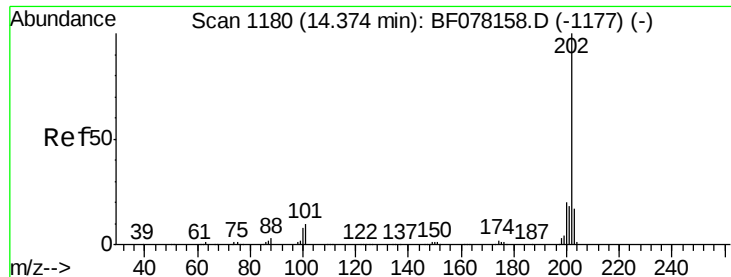
Delta R.T. 0.01 min

Lab File: BF078495.D

Acq: 14 Apr 2015 9:54

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		146808		
120	8.8	7.1	10.7		
236	24.7	21.4	32.2		





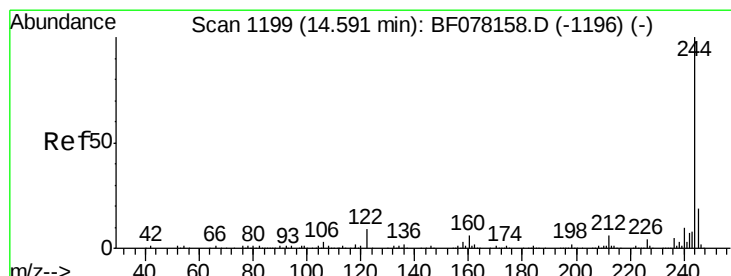
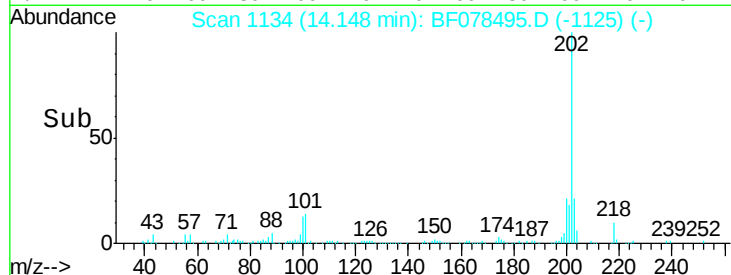
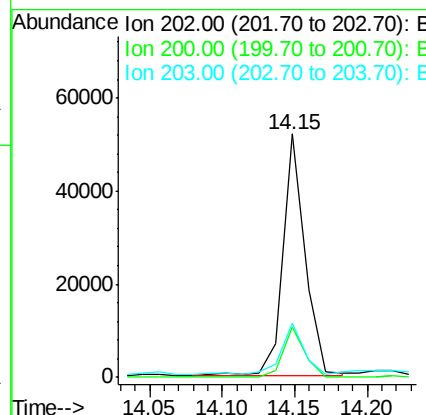
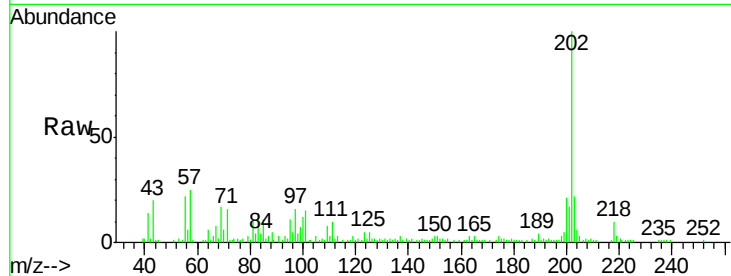
#77
 Pyrene
 Concen: 5.90 ng
 RT: 14.15 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BF078495.D
 Acq: 14 Apr 2015 9:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03C

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.9	16.3	24.5
203	22.3	13.8	20.6

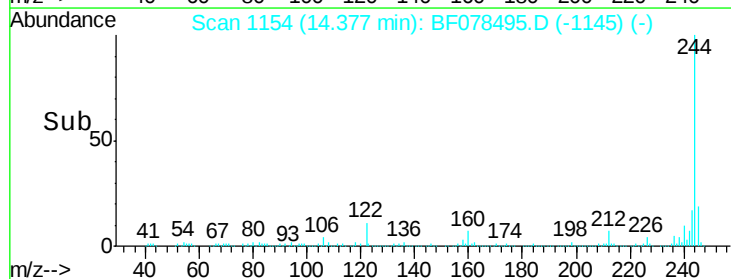
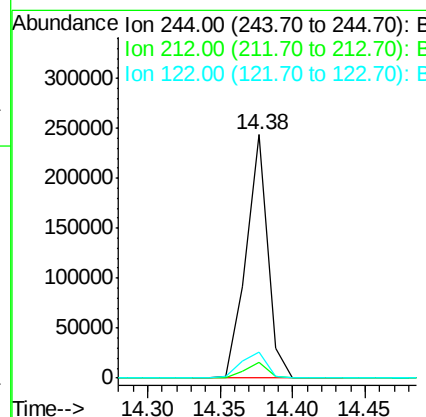
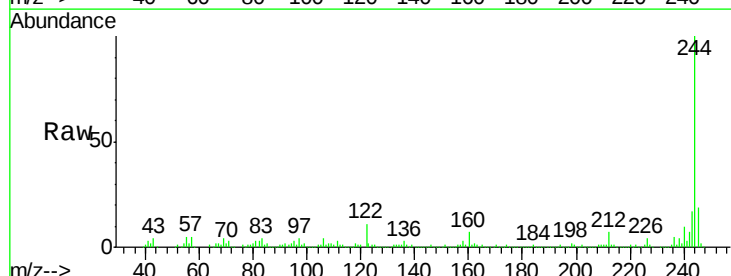
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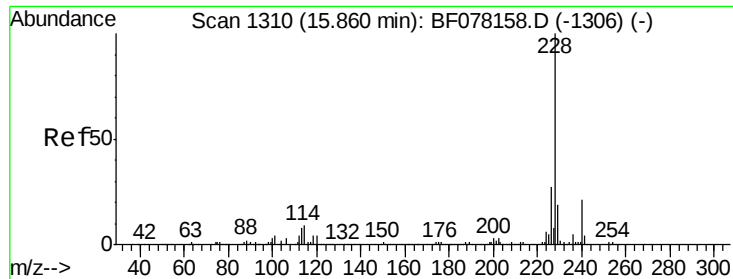
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#78
 Terphenyl-d14
 Concen: 38.86 ng
 RT: 14.38 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF078495.D
 Acq: 14 Apr 2015 9:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	5.0	7.4
122	10.8	7.1	10.7





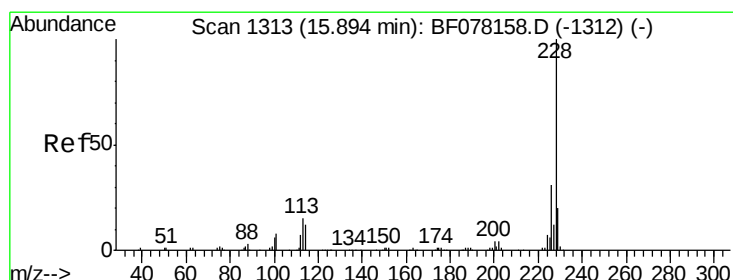
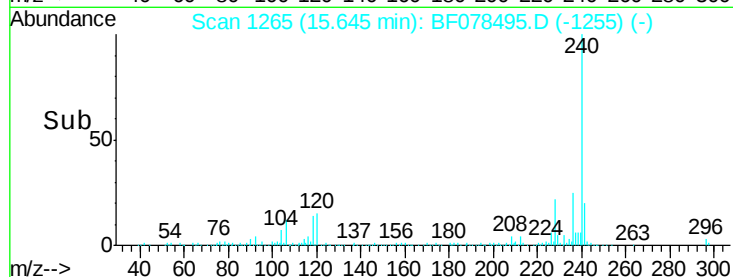
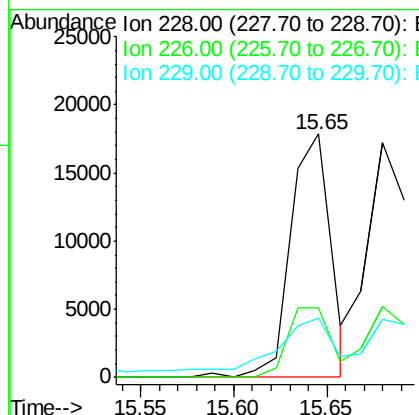
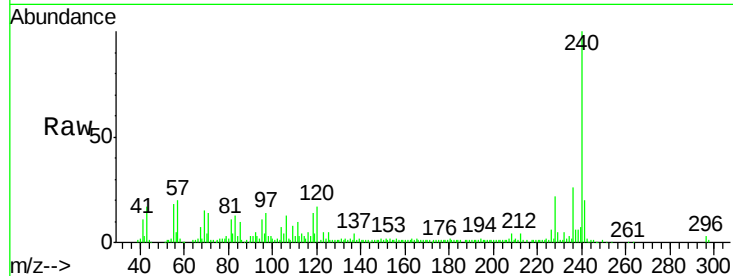
#80
Benzo(a)anthracene
Concen: 3.07 ng
RT: 15.65 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF078495.D
Acq: 14 Apr 2015 9:54

Instrument :
BNA_F
ClientSampleId :
LS-SD03C

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.6	21.3	31.9
229	24.1	15.4	23.2

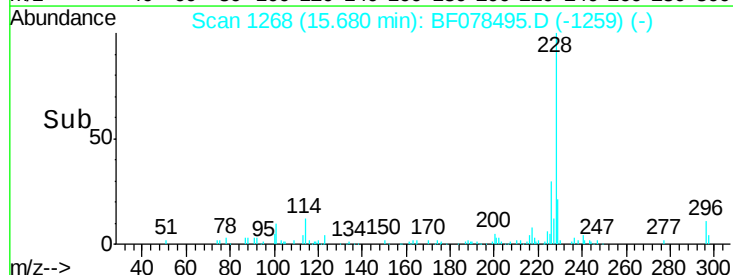
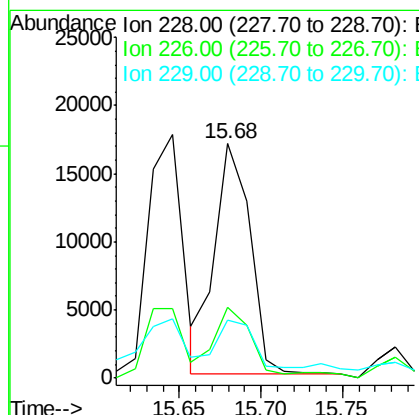
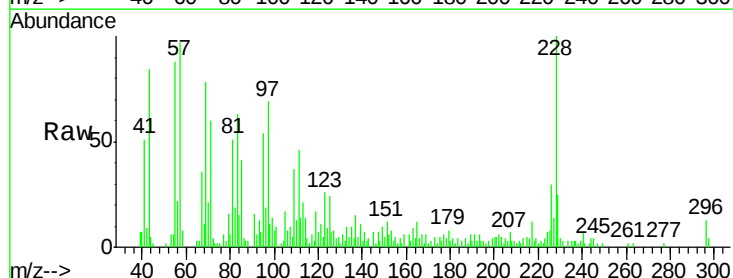
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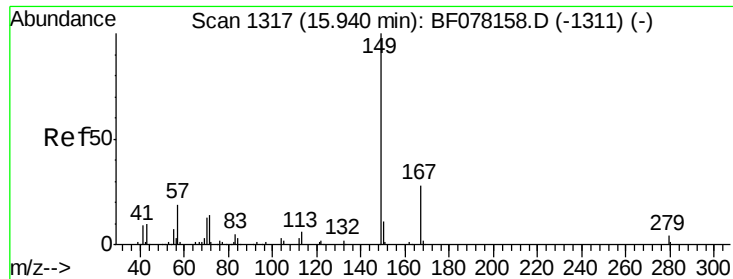
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#82
Chrysene
Concen: 3.08 ng
RT: 15.68 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF078495.D
Acq: 14 Apr 2015 9:54

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.2	36.4
229	24.9	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.30 ng

RT: 15.74 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BF078495.D

Acq: 14 Apr 2015 9:54

Instrument :

BNA_F

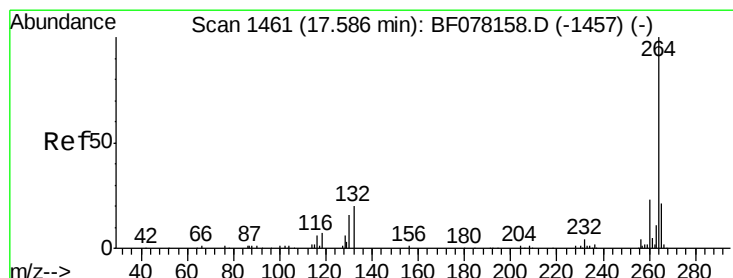
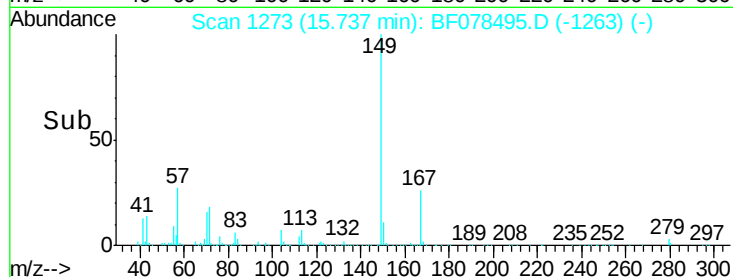
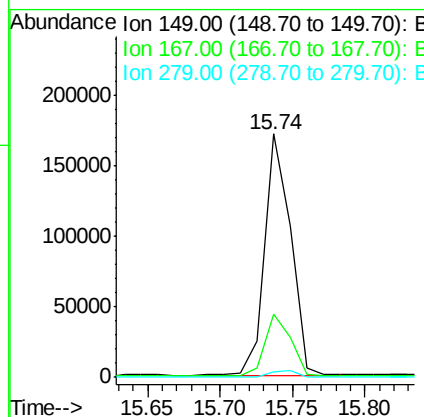
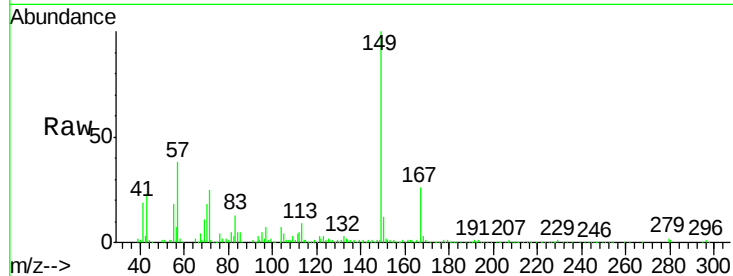
ClientSampleId :

LS-SD03C

Tgt Ion:	149	Resp:	210994
Ion Ratio	Lower	Upper	
149	100		
167	26.1	22.2	33.2
279	2.5	3.2	4.8#

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#86

Perylene-d12

Concen: 20.00 ng

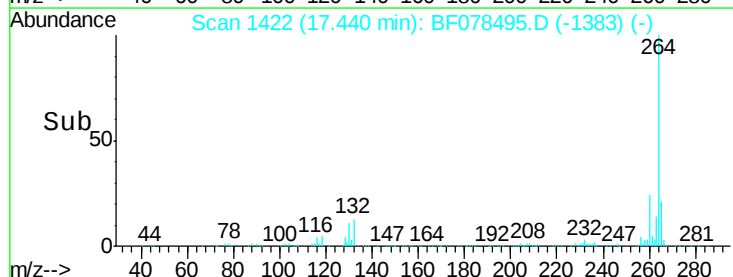
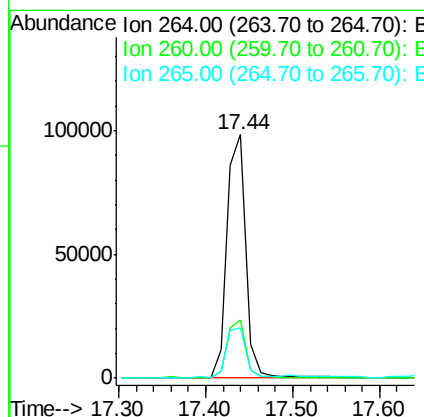
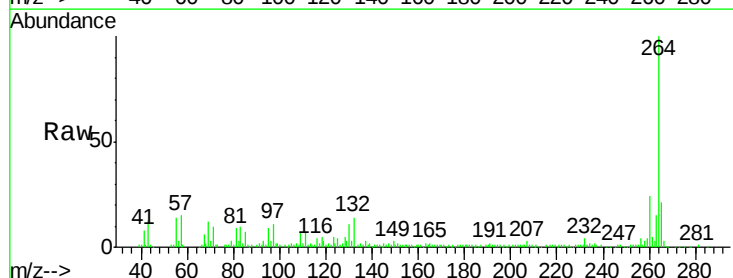
RT: 17.44 min Scan# 1422

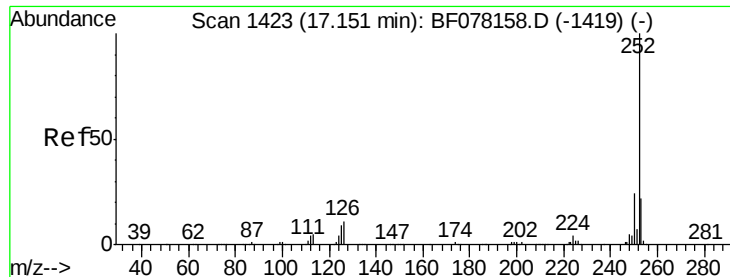
Delta R.T. 0.15 min

Lab File: BF078495.D

Acq: 14 Apr 2015 9:54

Tgt Ion:	264	Resp:	149070
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.6	27.8
265	20.9	17.0	25.6





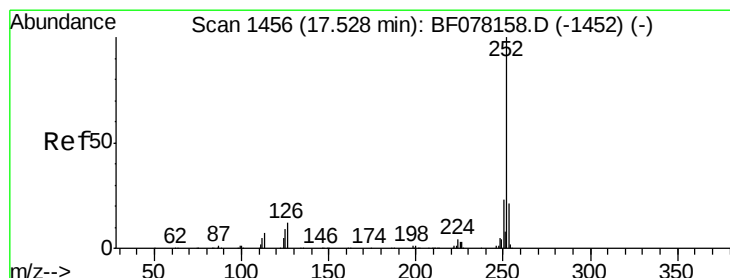
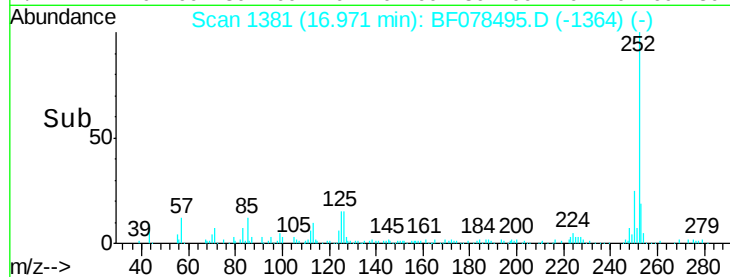
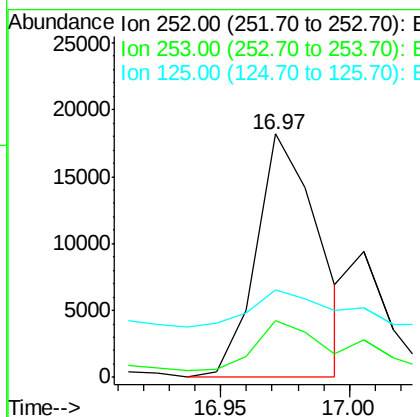
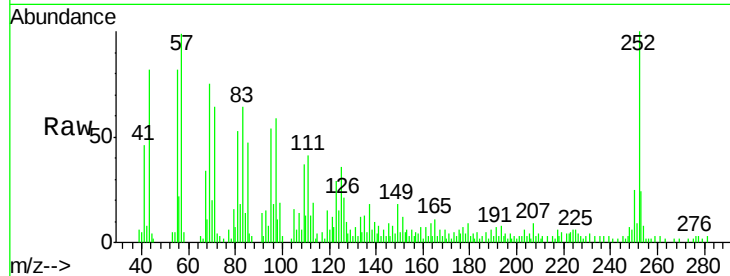
#87
Benzo(b)fluoranthene
Concen: 3.33 ng m
RT: 16.97 min Scan# 1381
Delta R.T. 0.09 min
Lab File: BF078495.D
Acq: 14 Apr 2015 9:54

Instrument :
BNA_F
ClientSampleId :
LS-SD03C

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	17.2	25.8
125	36.0	7.0	10.4

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#89
Benzo(a)pyrene
Concen: 2.58 ng
RT: 17.37 min Scan# 1416
Delta R.T. 0.14 min
Lab File: BF078495.D
Acq: 14 Apr 2015 9:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.1	16.8	25.2
125	37.2	7.4	11.0

