

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078494.D
 Acq On : 14 Apr 2015 9:25
 Operator : TP/IZ
 Sample : G1787-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03B

Manual Integrations
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Quant Time: Apr 14 11:44:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 11:29:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	36808	20.00	ng	-0.05
21) Naphthalene-d8	8.40	136	153742	20.00	ng	-0.07
38) Acenaphthene-d10	10.56	164	75962	20.00	ng	-0.08
63) Phenanthrene-d10	12.39	188	141673	20.00	ng	-0.08
75) Chrysene-d12	15.63	240	153517	20.00	ng	-0.11
86) Perylene-d12	17.35	264	154751	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	289273	129.58	ng	-0.09
7) Phenol-d6	6.43	99	375434	134.19	ng	-0.04
23) Nitrobenzene-d5	7.53	82	211165	83.25	ng	-0.05
41) 2,4,6-Tribromophenol	11.54	330	81673	129.64	ng	-0.08
44) 2-Fluorobiphenyl	9.75	172	265315	49.93	ng	-0.07
78) Terphenyl-d14	14.38	244	298548	43.94	ng	-0.09

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	10445	3.12	ng	# 55
49) Dimethylphthalate	10.26	163	24274	4.25	ng	# 97
70) Phenanthrene	12.41	178	44324	5.41	ng	97
74) Fluoranthene	13.87	202	51679	5.98	ng	95
77) Pyrene	14.15	202	49922	5.18	ng	97
80) Benzo(a)anthracene	15.62	228	18604m	2.04	ng	
82) Chrysene	15.67	228	22337	2.60	ng	98
83) Bis(2-ethylhexyl)phthalate	15.73	149	301751	52.38	ng	98
87) Benzo(b)fluoranthene	16.91	252	26708m	2.79	ng	

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

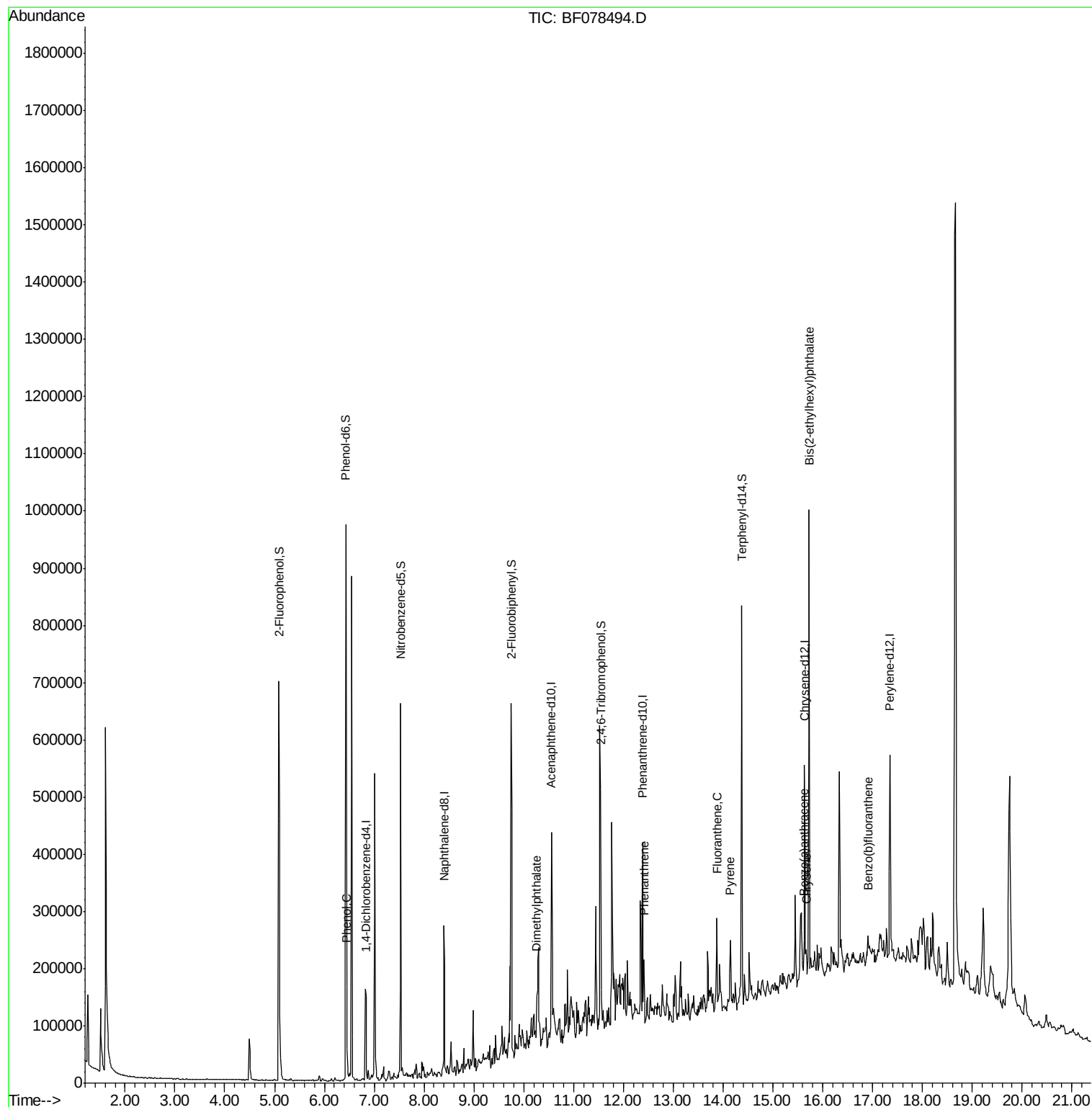
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078494.D
Acq On : 14 Apr 2015 9:25
Operator : TP/IZ
Sample : G1787-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

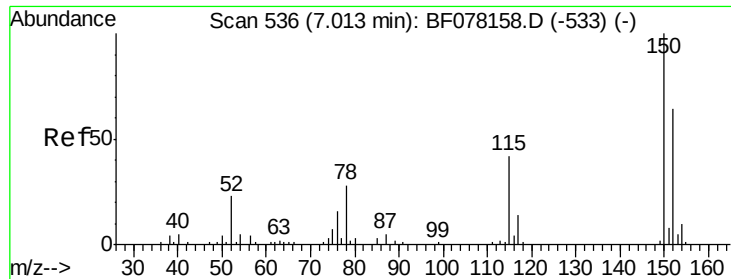
Instrument :
BNA_F
ClientSampleId :
LS-SD03B

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Quant Time: Apr 14 11:44:08 2015
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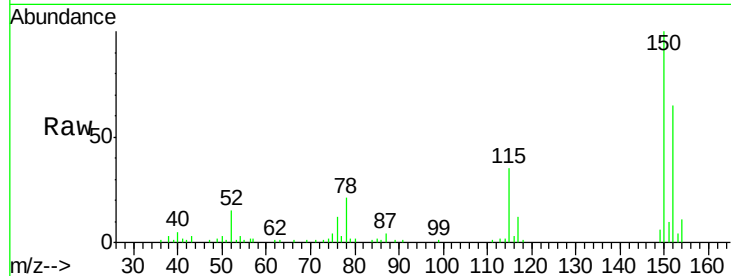




#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 494
 Delta R.T. -0.05 min
 Lab File: BF078494.D
 Acq: 14 Apr 2015 9:25

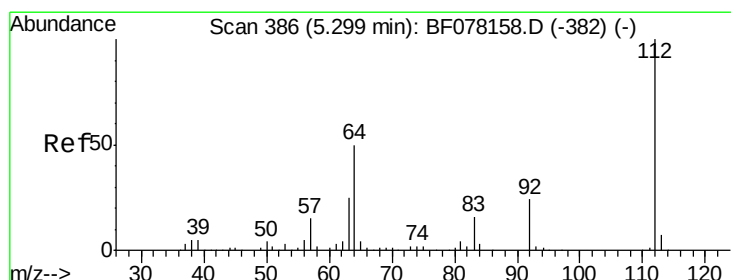
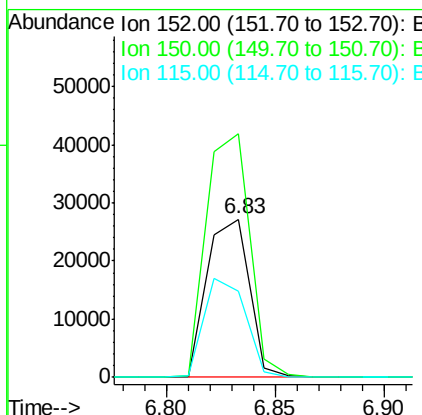
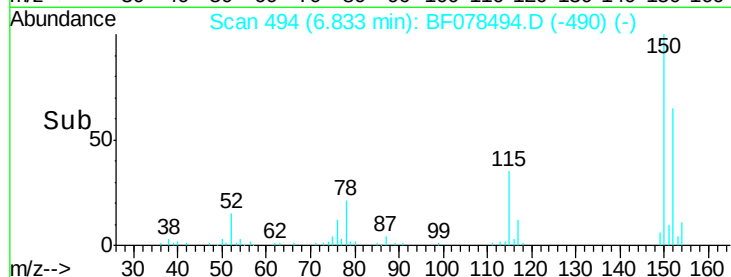
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03B



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.9	188.9
115	54.0	52.7	79.1

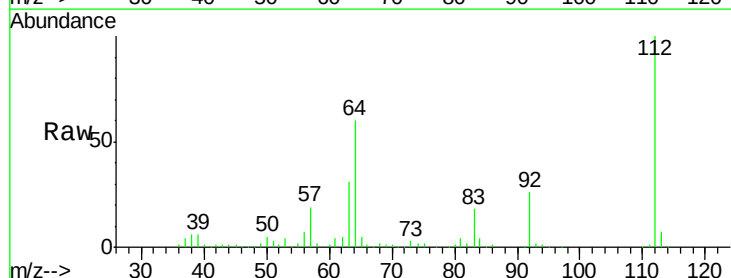
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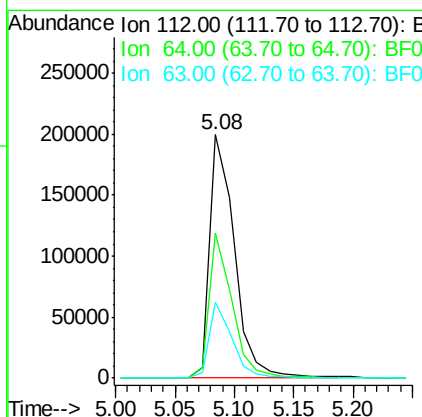
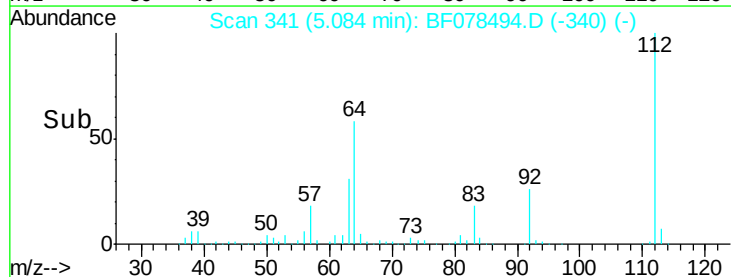


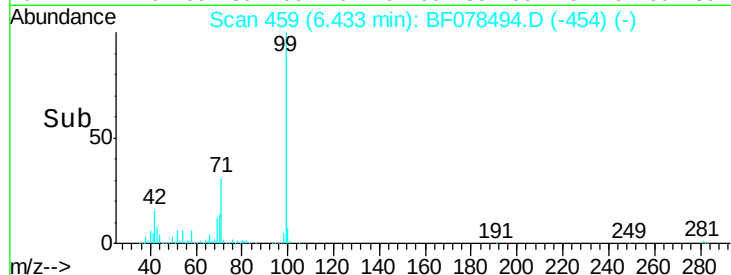
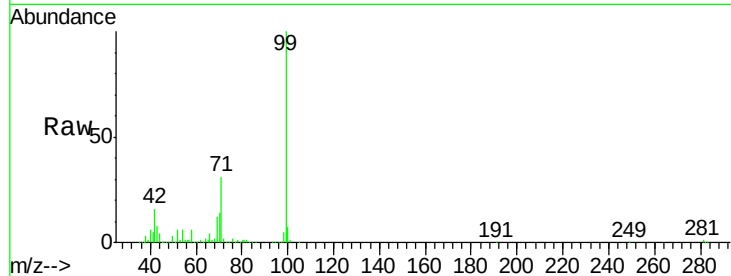
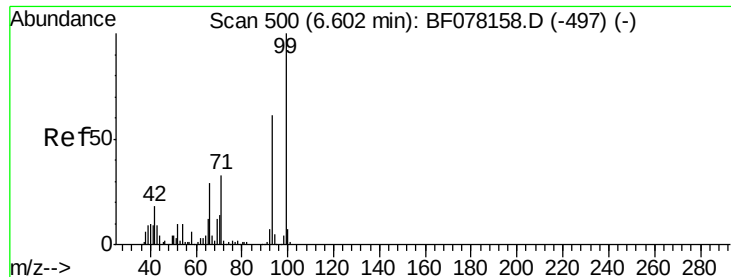
#5

2-Fluorophenol
 Concen: 129.58 ng
 RT: 5.08 min Scan# 341
 Delta R.T. -0.09 min
 Lab File: BF078494.D
 Acq: 14 Apr 2015 9:25



Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	39.9	59.9
63	31.4	20.2	30.4





#7

Phenol-d6

Concen: 134.19 ng

RT: 6.43 min Scan# 459

Delta R.T. -0.04 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

Tgt Ion:	99	Resp:	375434
Ion Ratio	Lower	Upper	
99	100		
42	16.4	14.8	22.2
71	31.5	26.6	39.8

Instrument :

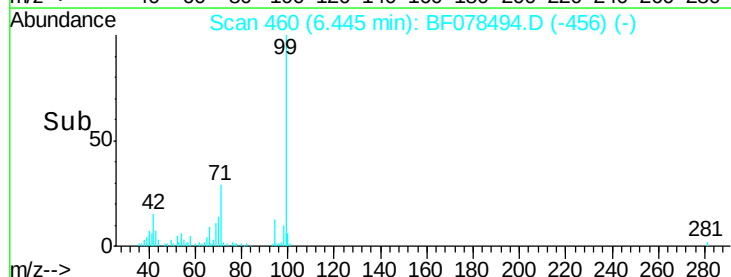
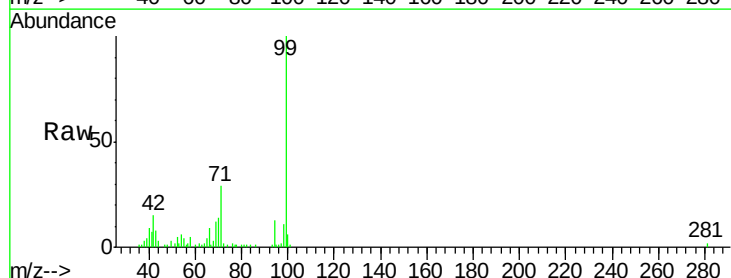
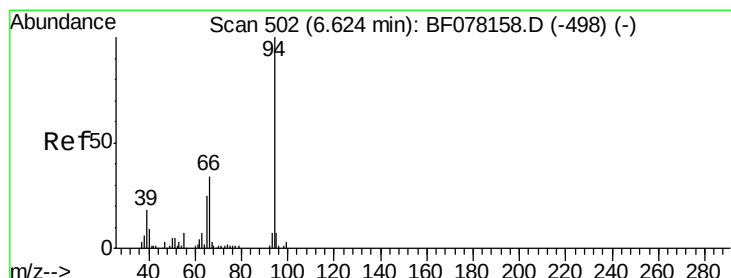
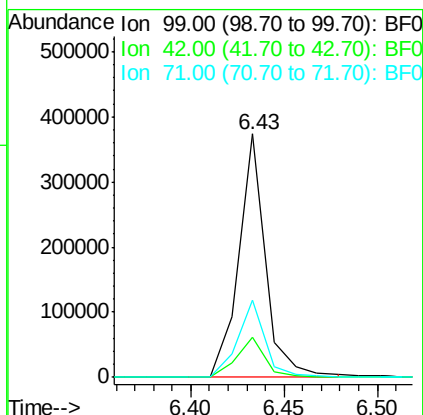
BNA_F

ClientSampleId :

LS-SD03B

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#10

Phenol

Concen: 3.12 ng

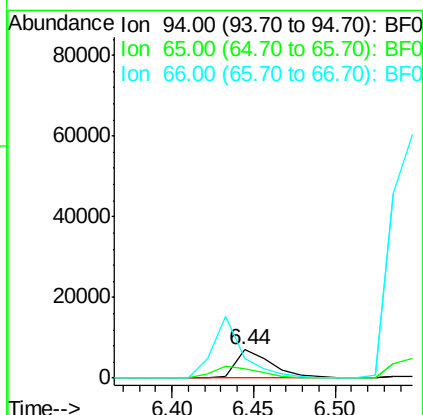
RT: 6.44 min Scan# 460

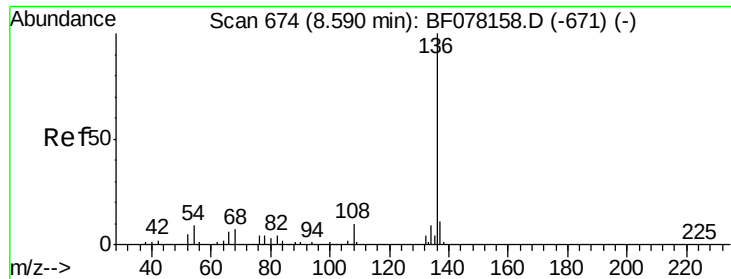
Delta R.T. -0.05 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

Tgt Ion:	94	Resp:	10445
Ion Ratio	Lower	Upper	
94	100		
65	33.5	4.9	44.9
66	71.1	13.8	53.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.07 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

Instrument :

BNA_F

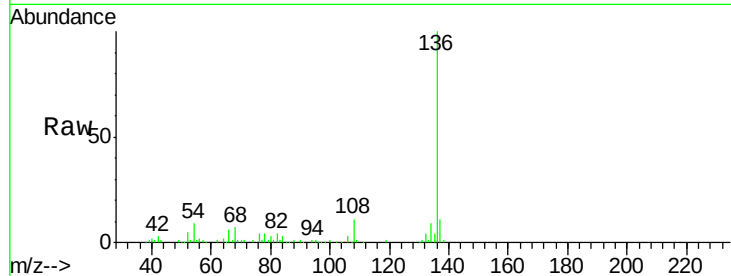
ClientSampleId :

LS-SD03B

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	153742		
137	11.3	9.0	13.4	
54	8.6	7.0	10.6	
68	7.2	5.4	8.2	

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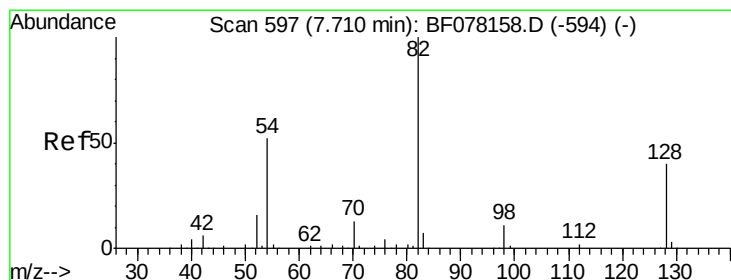
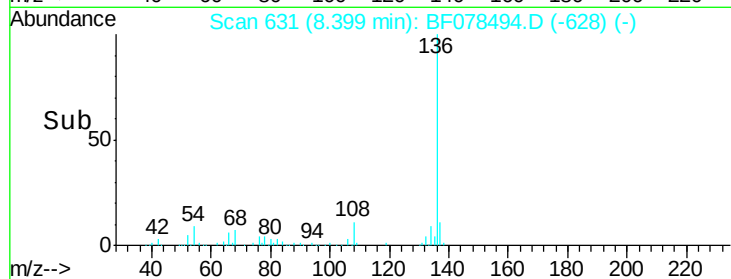
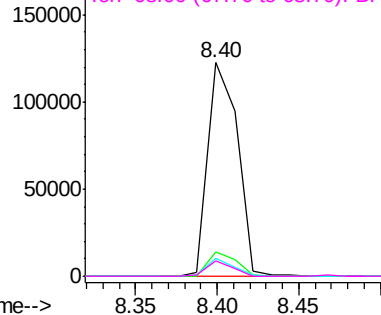


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 83.25 ng

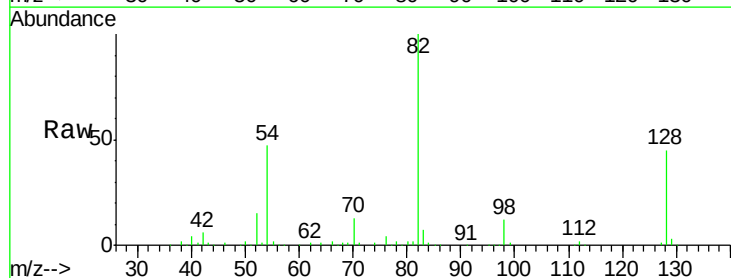
RT: 7.53 min Scan# 555

Delta R.T. -0.05 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

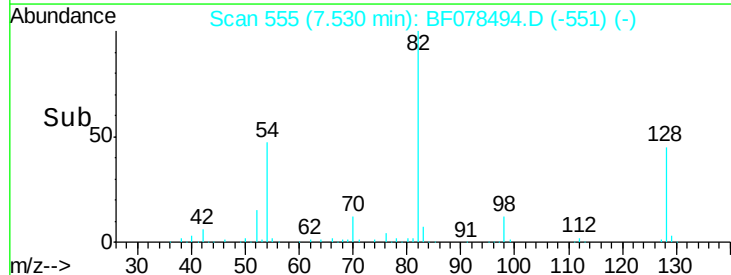
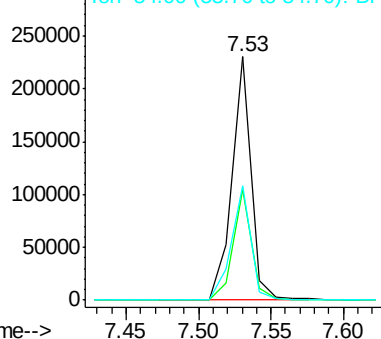
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	211165		
128	45.2	31.8	47.8	
54	47.2	41.5	62.3	

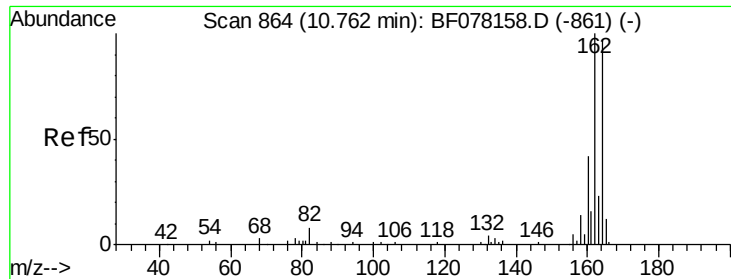


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





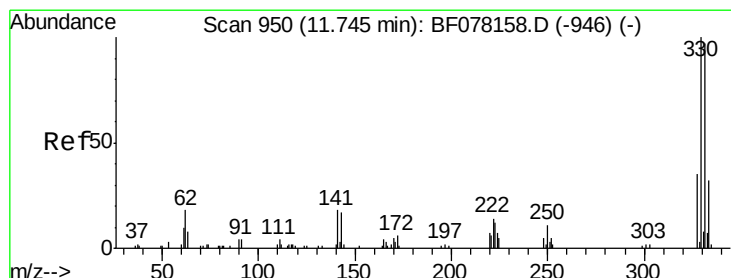
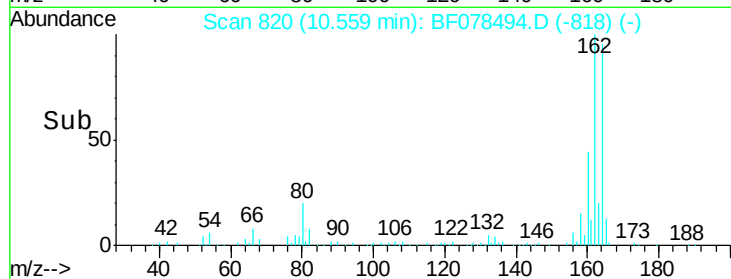
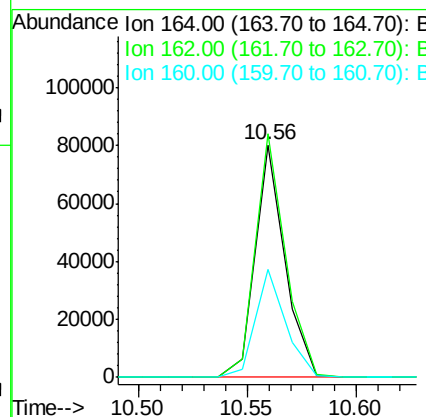
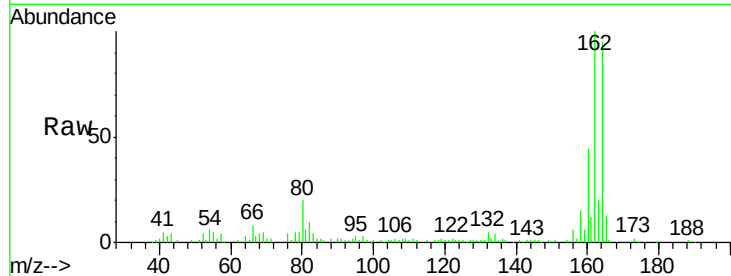
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.08 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

Instrument :
BNA_F
ClientSampleId :
LS-SD03B

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.7	82.2	123.2	
160	46.2	34.7	52.1	

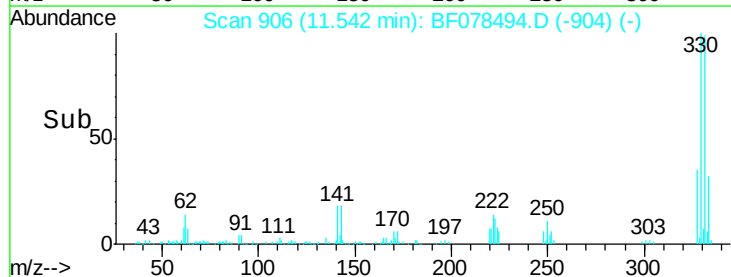
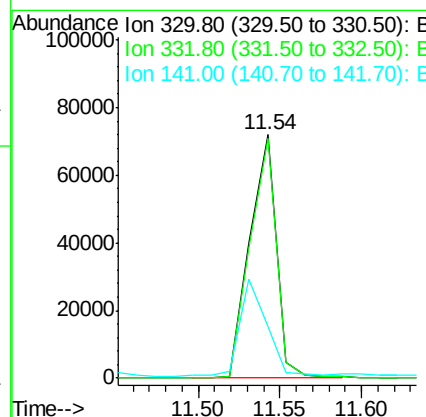
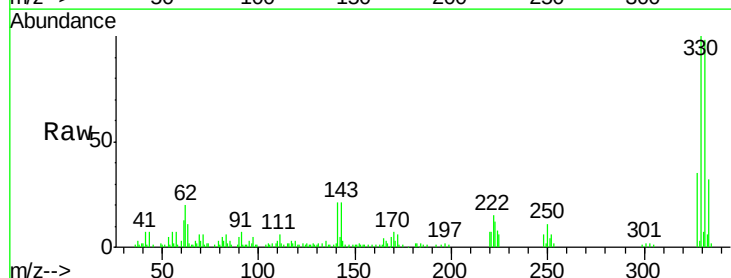
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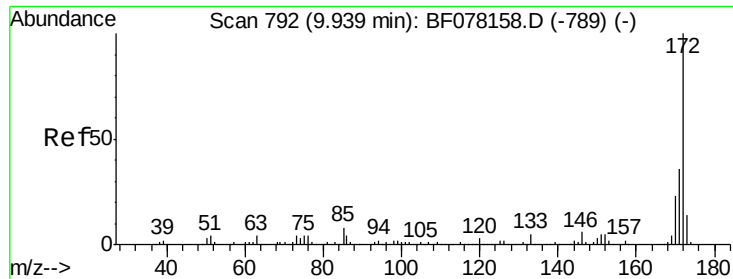
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#41
2,4,6-Tribromophenol
Concen: 129.64 ng
RT: 11.54 min Scan# 906
Delta R.T. -0.08 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	78.6	117.8	
141	40.0	31.2	46.8	





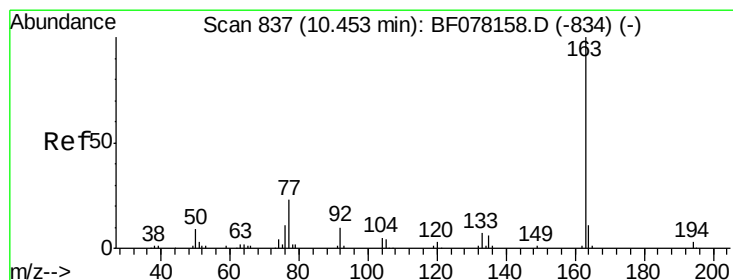
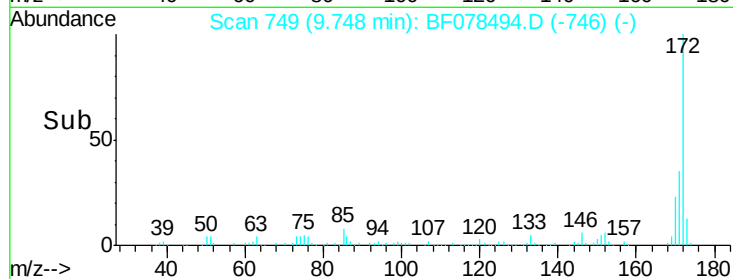
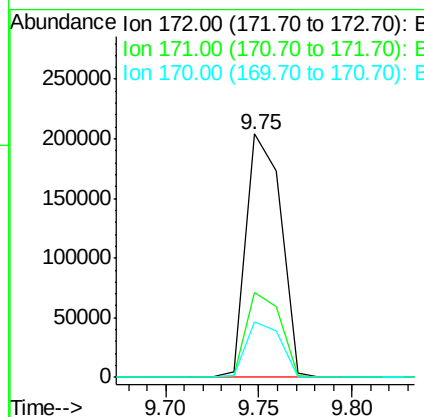
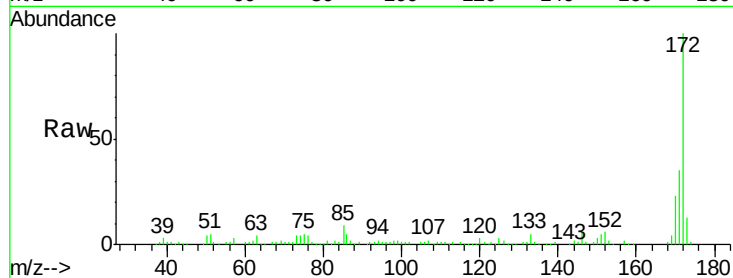
#44
2-Fluorobiphenyl
Concen: 49.93 ng
RT: 9.75 min Scan# 749
Delta R.T. -0.07 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

Instrument :
BNA_F
ClientSampleId :
LS-SD03B

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.1	28.6	42.8
170	23.0	18.5	27.7

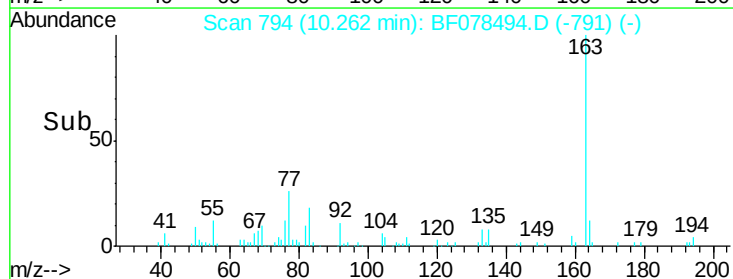
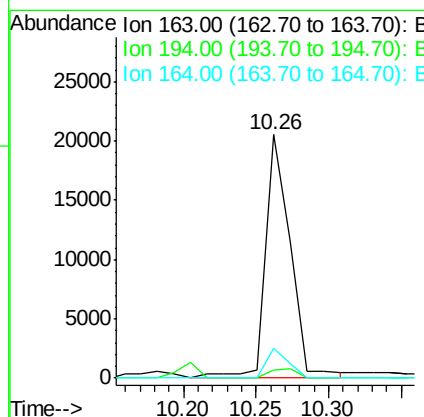
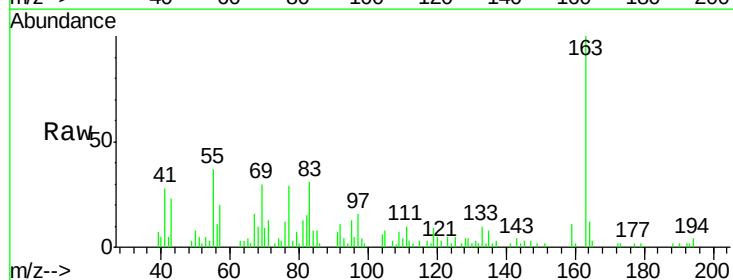
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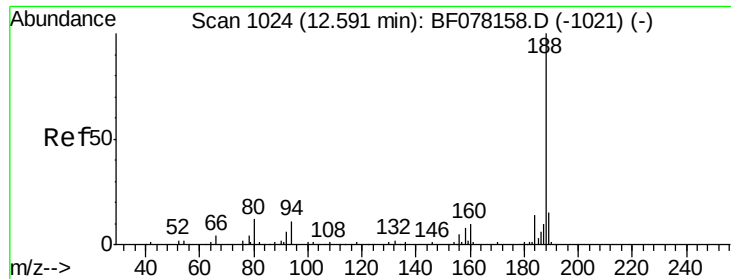
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#49
Dimethylphthalate
Concen: 4.25 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.07 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.3	3.5#
164	12.0	8.6	13.0





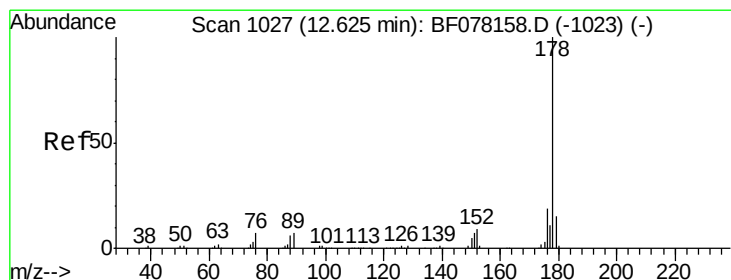
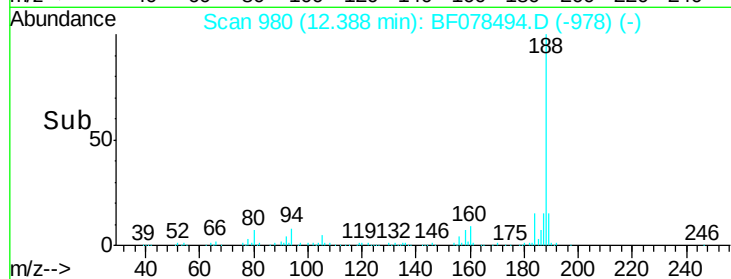
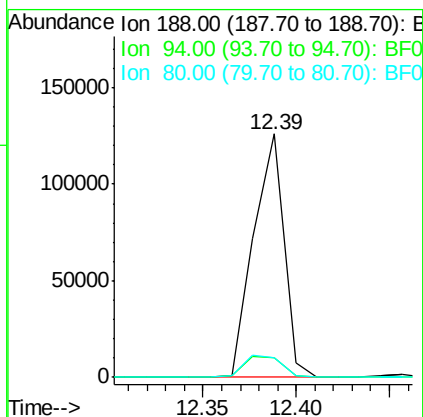
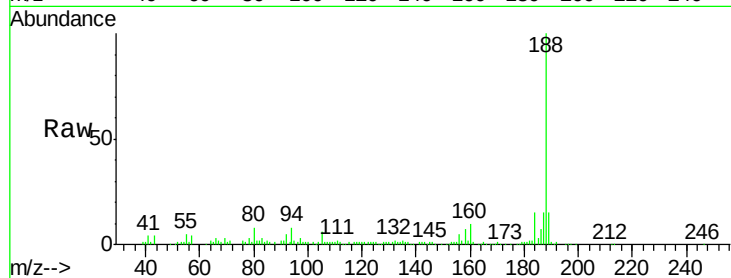
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 980
 Delta R.T. -0.08 min
 Lab File: BF078494.D
 Acq: 14 Apr 2015 9:25

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03B

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.1	9.0	13.4#
80	7.8	9.5	14.3#

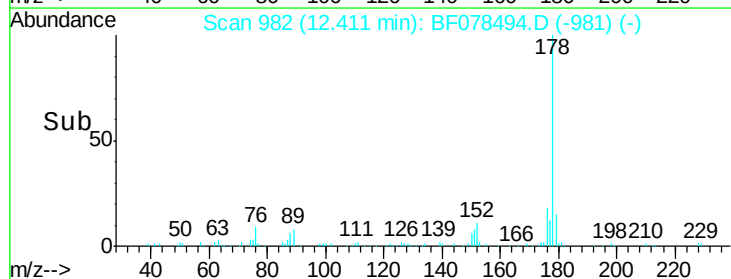
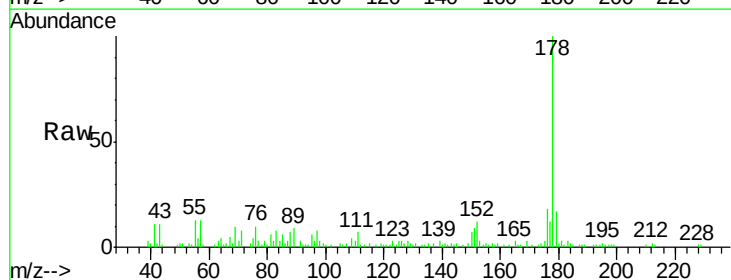
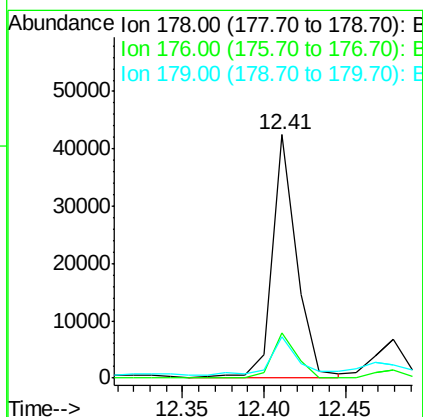
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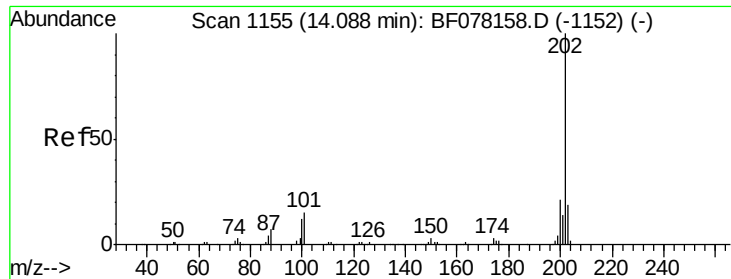
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#70
 Phenanthrene
 Concen: 5.41 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.09 min
 Lab File: BF078494.D
 Acq: 14 Apr 2015 9:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.5	15.4	23.0
179	16.8	12.2	18.2





#74

Fluoranthene

Concen: 5.98 ng

RT: 13.87 min Scan# 1110

Delta R.T. -0.09 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

Instrument :

BNA_F

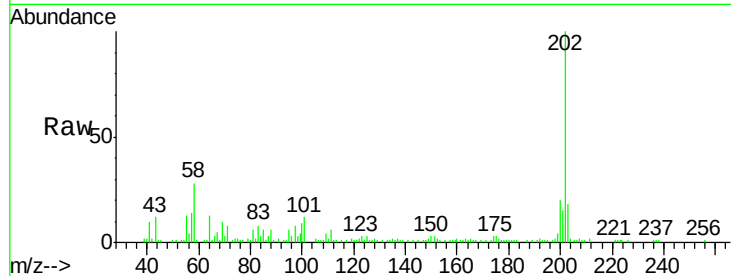
ClientSampleId :

LS-SD03B

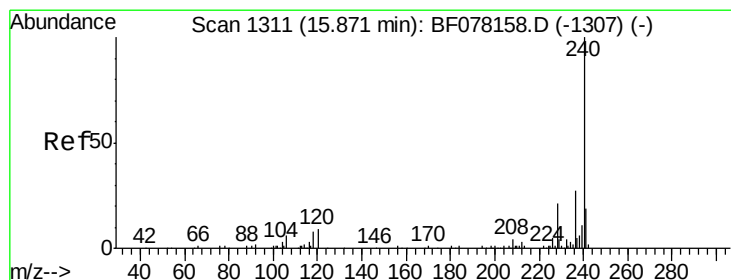
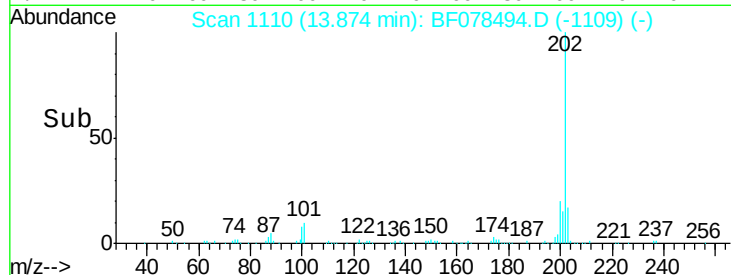
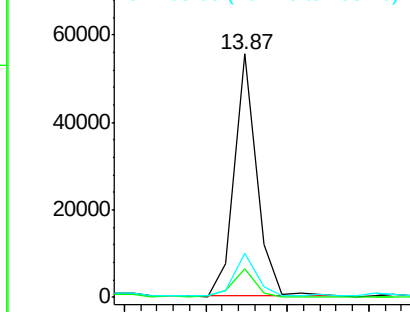
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		51679		
101	11.7	0.0	35.2		
203	17.8	0.0	38.5		

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

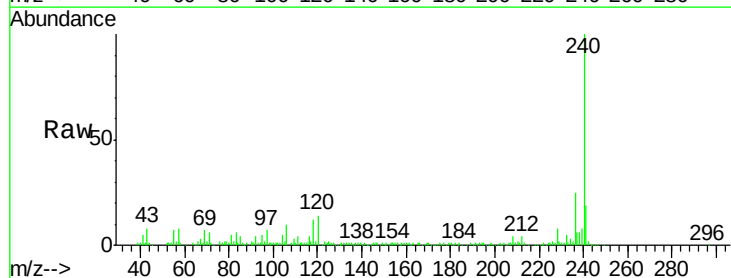
RT: 15.63 min Scan# 1264

Delta R.T. -0.11 min

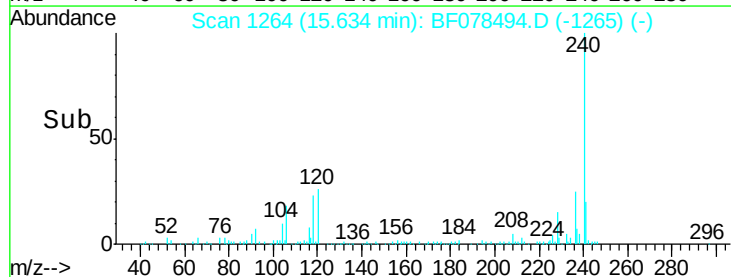
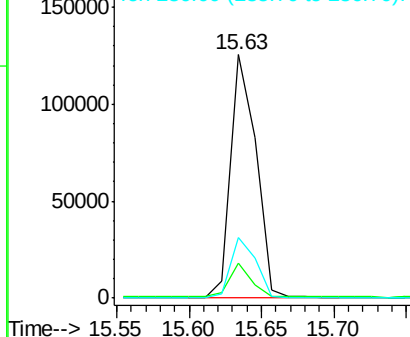
Lab File: BF078494.D

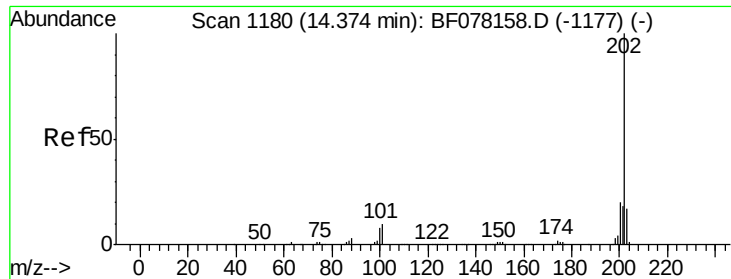
Acq: 14 Apr 2015 9:25

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		153517		
120	14.4	7.1	10.7#		
236	25.0	21.4	32.2		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 5.18 ng

RT: 14.15 min Scan# 1134

Delta R.T. -0.10 min

Lab File: BF078494.D

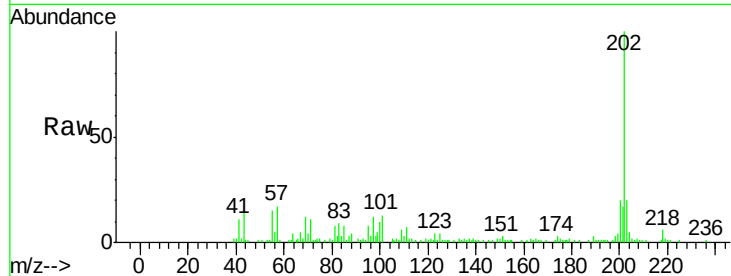
Acq: 14 Apr 2015 9:25

Instrument :

BNA_F

ClientSampleId :

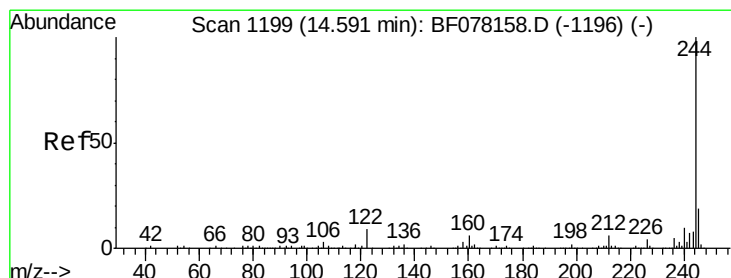
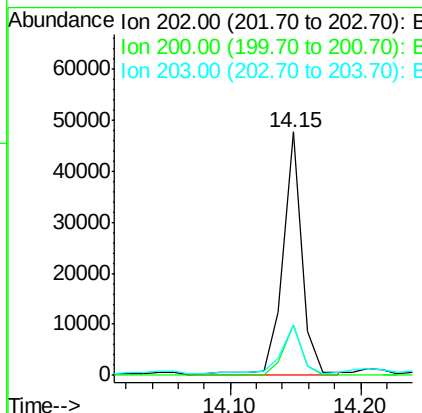
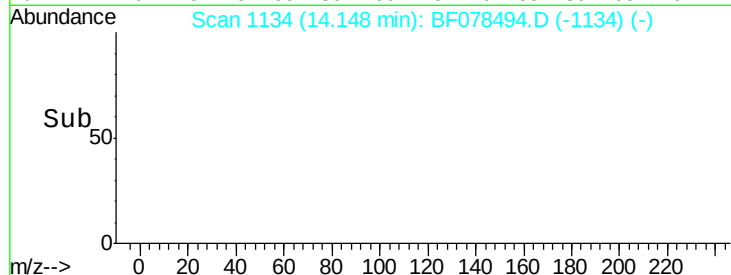
LS-SD03B



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	49922		
200	20.4	16.3	24.5	
203	20.5	13.8	20.6	

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#78

Terphenyl-d14

Concen: 43.94 ng

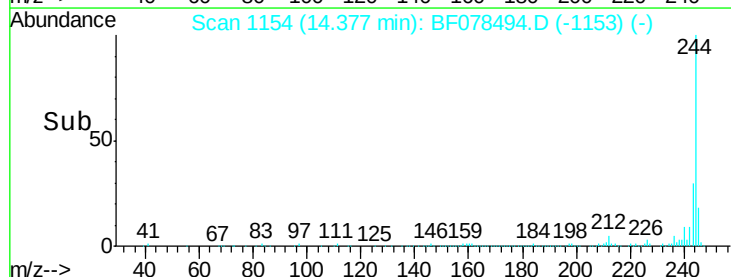
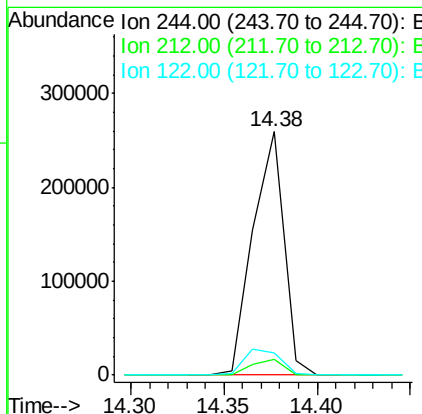
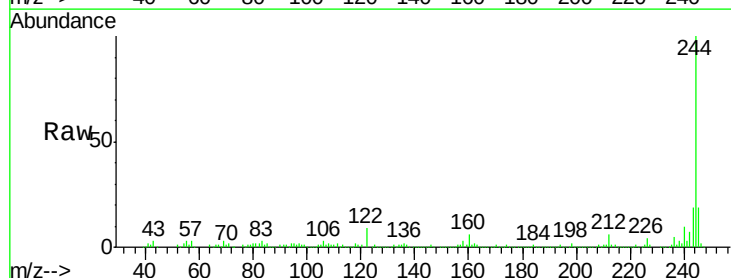
RT: 14.38 min Scan# 1154

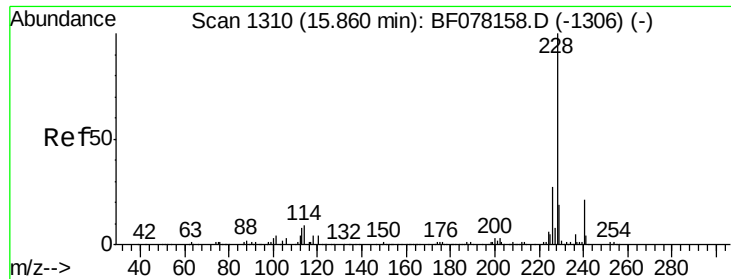
Delta R.T. -0.09 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	298548		
212	6.4	5.0	7.4	
122	9.0	7.1	10.7	





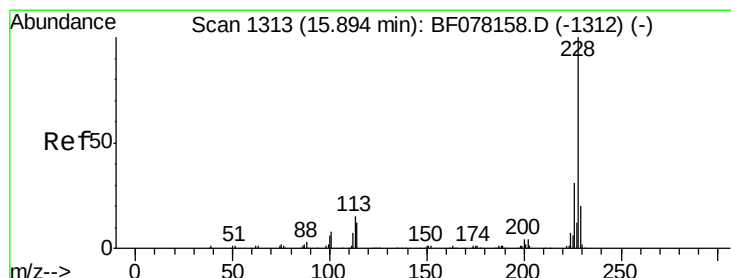
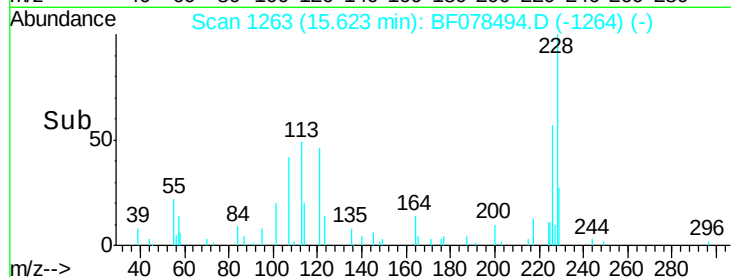
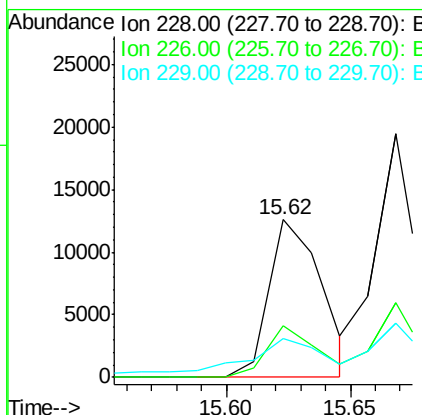
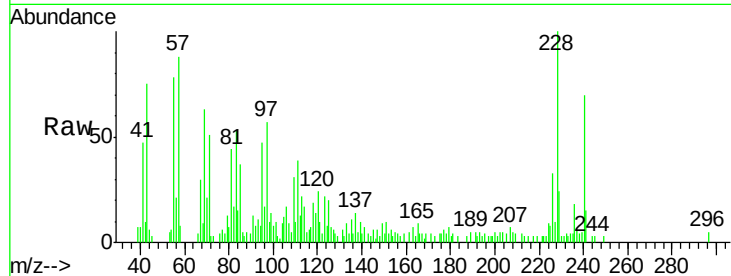
#80
Benzo(a)anthracene
Concen: 2.04 ng m
RT: 15.62 min Scan# 1263
Delta R.T. -0.11 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

Instrument :
BNA_F
ClientSampled :
LS-SD03B

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	21.3	31.9#
229	24.4	15.4	23.2#

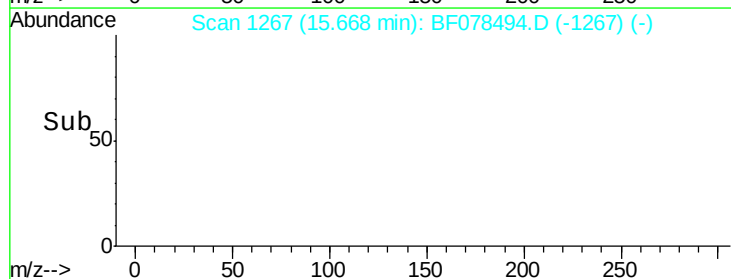
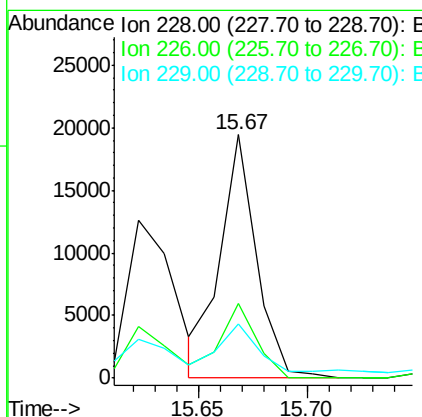
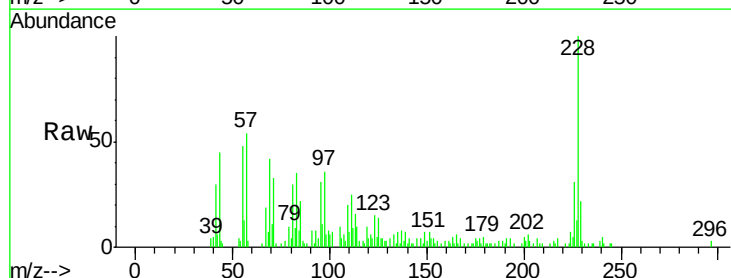
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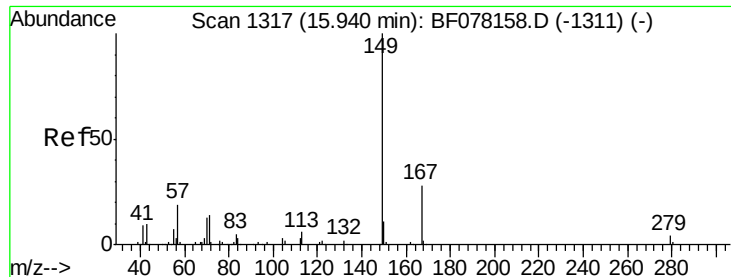
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#82
Chrysene
Concen: 2.60 ng
RT: 15.67 min Scan# 1267
Delta R.T. -0.10 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	22.4	15.8	23.8





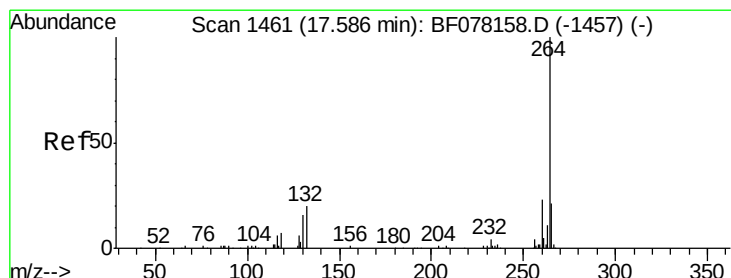
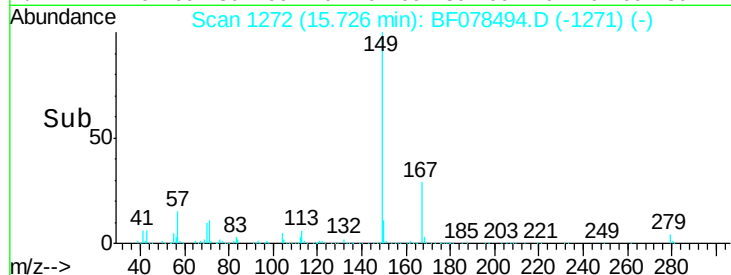
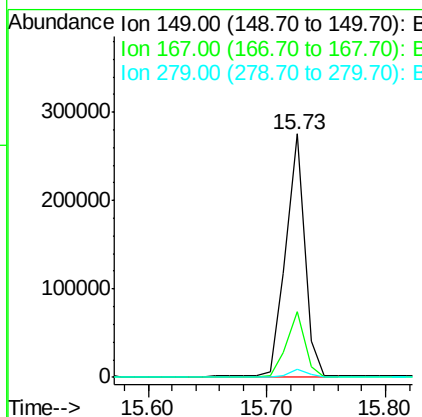
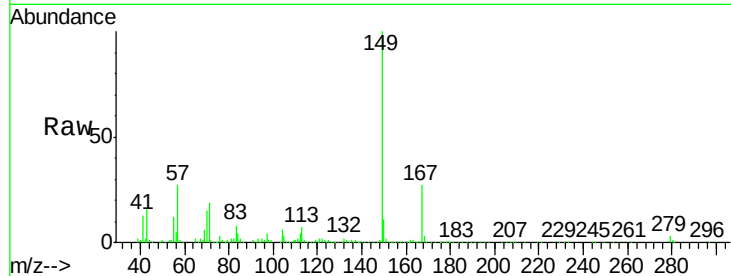
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.38 ng
 RT: 15.73 min Scan# 1272
 Delta R.T. -0.09 min
 Lab File: BF078494.D
 Acq: 14 Apr 2015 9:25

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03B

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	27.0	22.2	33.2
279	3.3	3.2	4.8

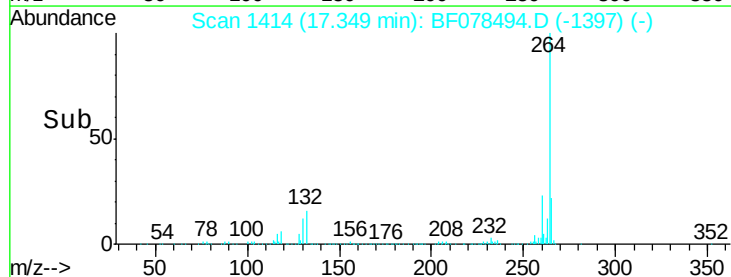
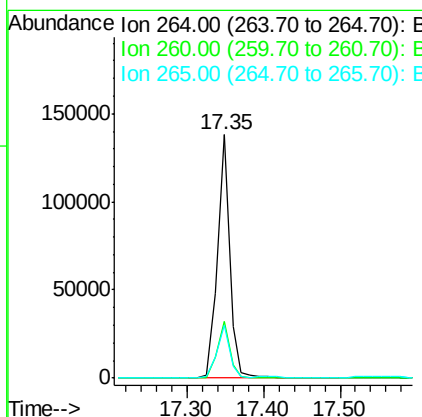
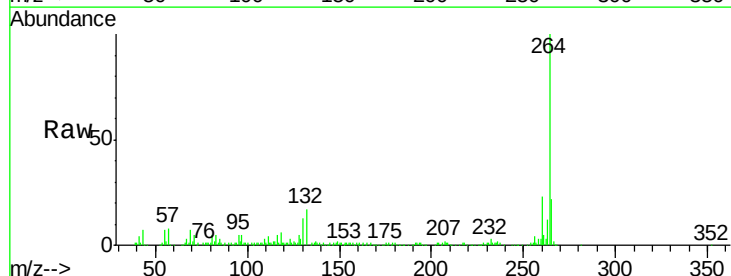
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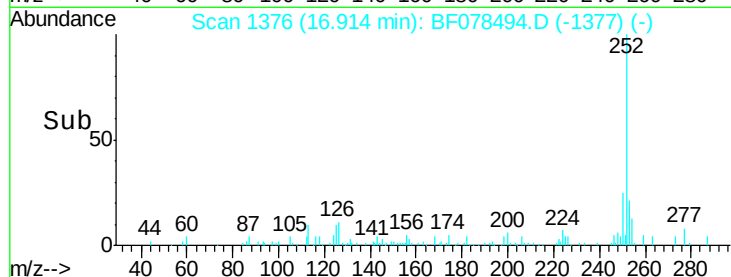
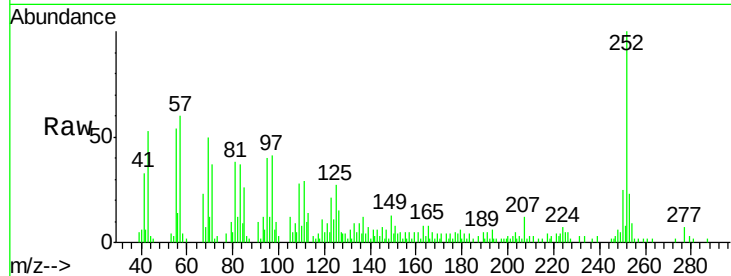
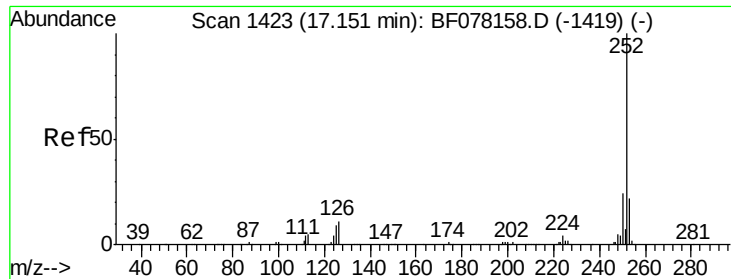
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.35 min Scan# 1414
 Delta R.T. -0.11 min
 Lab File: BF078494.D
 Acq: 14 Apr 2015 9:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	18.6	27.8
265	21.7	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 2.79 ng m

RT: 16.91 min Scan# 1376

Delta R.T. -0.11 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

Instrument :

BNA_F

ClientSampleId :

LS-SD03B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	26.6	7.0	10.4

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