

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
 Data File : BF079544.D
 Acq On : 28 May 2015 15:07
 Operator : TP/IZ
 Sample : G2359-05 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29AS

Manual Integrations
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Quant Time: May 28 16:21:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	79907m	20.00	ng	-0.06
21) Naphthalene-d8	8.54	136	315284	20.00	ng	-0.06
38) Acenaphthene-d10	10.71	164	155483	20.00	ng	-0.06
63) Phenanthrene-d10	12.54	188	295012	20.00	ng	-0.06
75) Chrysene-d12	15.81	240	307022	20.00	ng	-0.07
86) Perylene-d12	17.52	264	332572	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	211416m	45.89	ng	-0.07
7) Phenol-d6	6.56	99	281161m	47.88	ng	-0.06
23) Nitrobenzene-d5	7.66	82	157225	28.83	ng	-0.06
41) 2,4,6-Tribromophenol	11.68	330	77729	45.51	ng	-0.07
44) 2-Fluorobiphenyl	9.88	172	337121	30.93	ng	-0.06
78) Terphenyl-d14	14.53	244	360512	27.56	ng	-0.07
Target Compounds						Qvalue
70) Phenanthrene	12.57	178	93669	5.79	ng	100
74) Fluoranthene	14.03	202	173412	9.99	ng	97
77) Pyrene	14.31	202	162477	8.54	ng	96
80) Benzo(a)anthracene	15.79	228	95930	5.43	ng	97
82) Chrysene	15.84	228	81336	4.84	ng	98
83) Bis(2-ethylhexyl)phthalate	15.87	149	77321	6.31	ng	# 99
85) Indeno(1,2,3-cd)pyrene	18.81	276	69111	3.20	ng	96
87) Benzo(b)fluoranthene	17.09	252	121948m	6.43	ng	
88) Benzo(k)fluoranthene	17.10	252	49109m	2.90	ng	
89) Benzo(a)pyrene	17.46	252	94237	3.91	ng	97

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

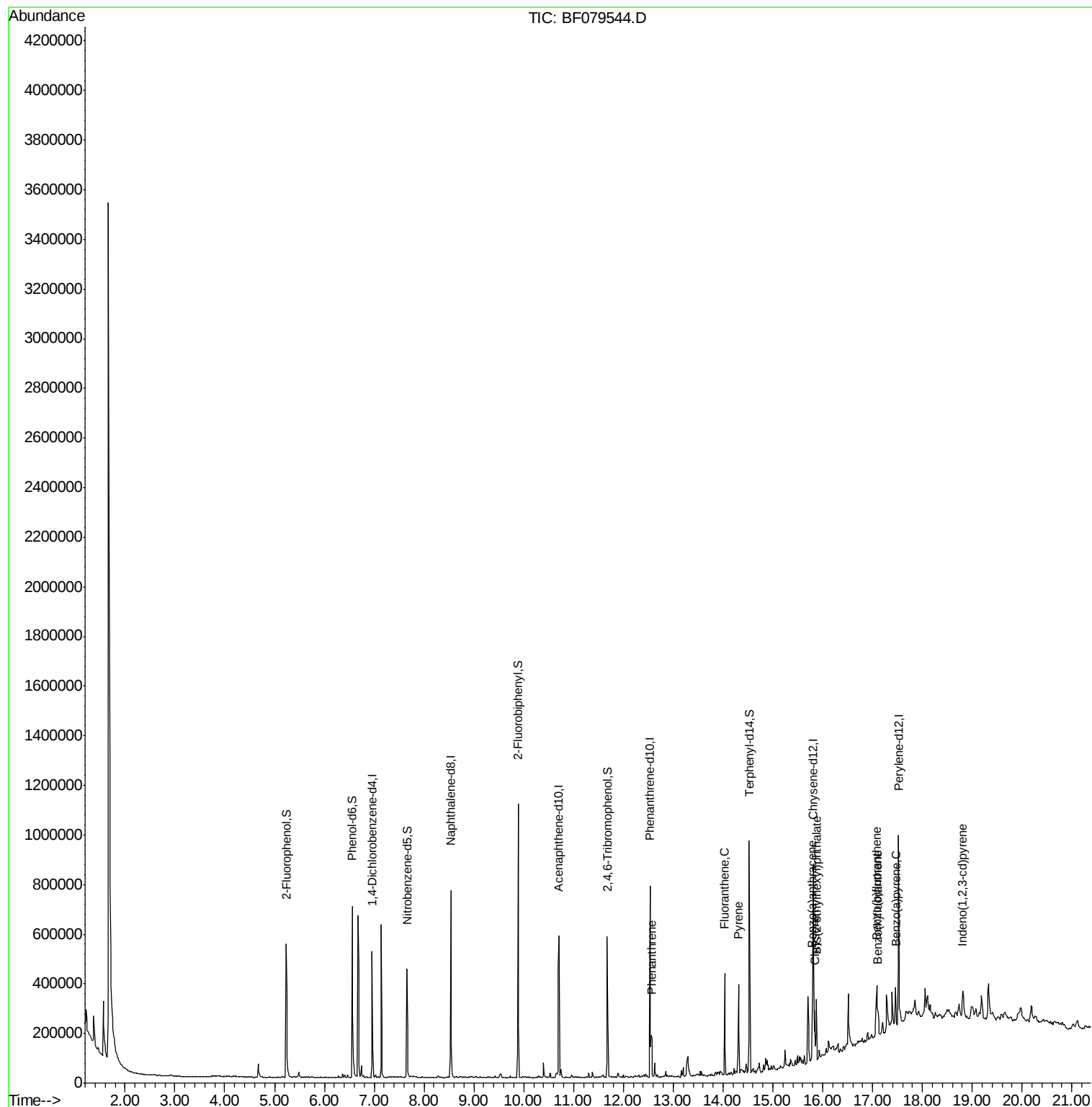
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079544.D
Acq On : 28 May 2015 15:07
Operator : TP/IZ
Sample : G2359-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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SB-29AS

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Quant Time: May 28 16:21:50 2015
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#1

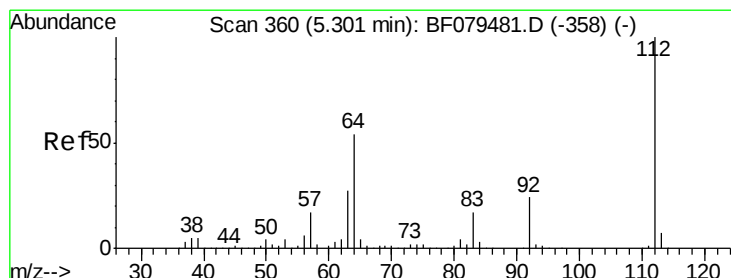
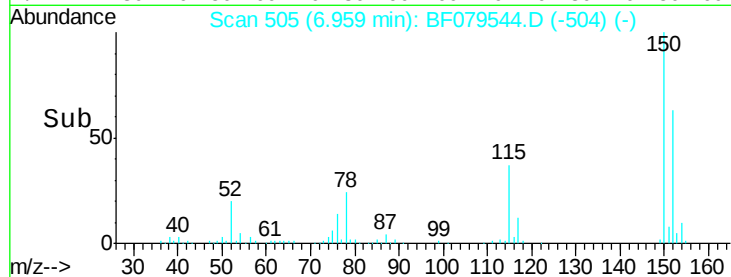
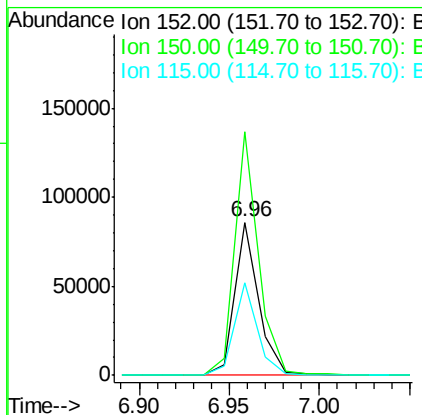
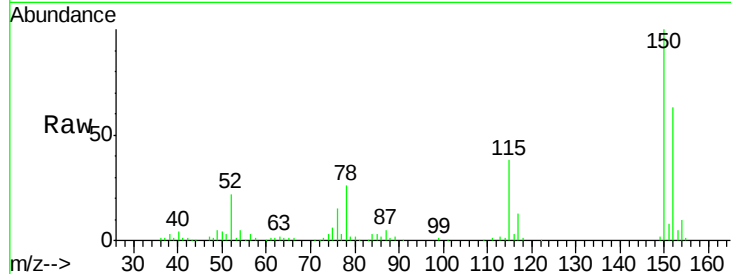
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.96 min Scan# 505
Delta R.T. -0.06 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Instrument :
BNA_F
ClientSampleId :
SB-29AS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.0	186.0
115	60.3	49.6	74.4

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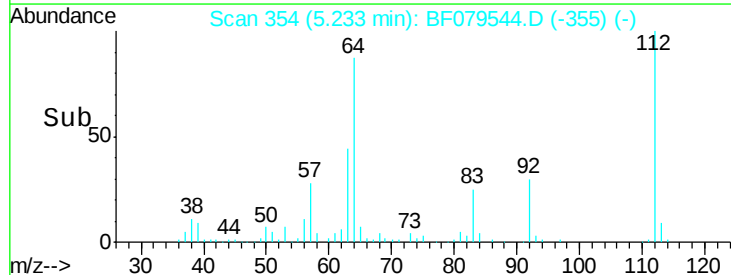
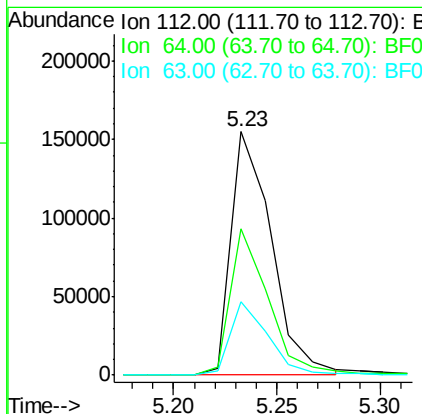
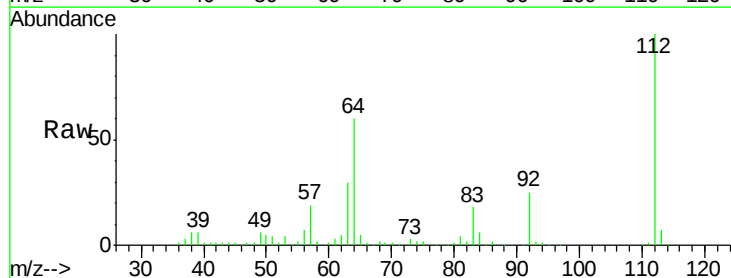
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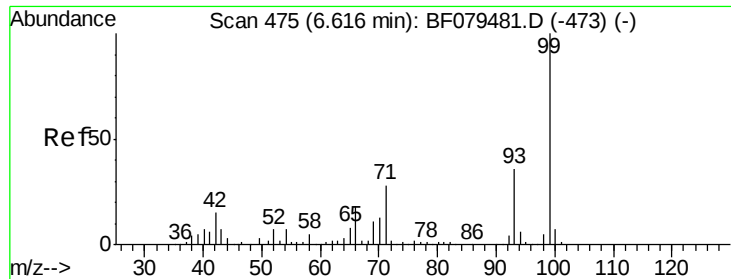


#5

2-Fluorophenol
Concen: 45.89 ng m
RT: 5.23 min Scan# 354
Delta R.T. -0.07 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	43.5	65.3
63	30.2	21.8	32.8





#7

Phenol-d6

Concen: 47.88 ng/mL

RT: 6.56 min Scan# 470

Delta R.T. -0.06 min

Lab File: BF079544.D

Acq: 28 May 2015 15:07

Instrument :

BNA_F

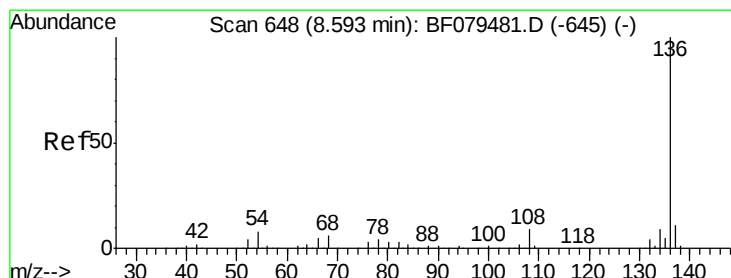
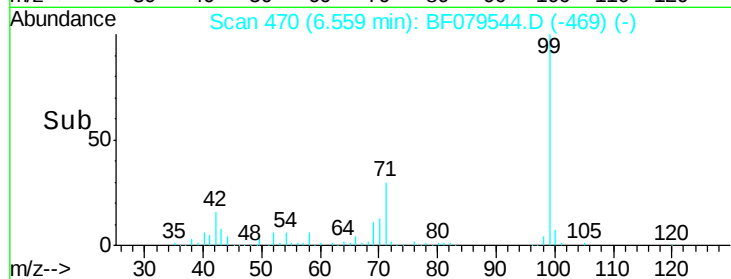
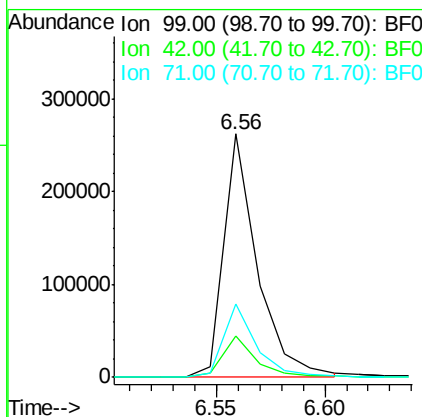
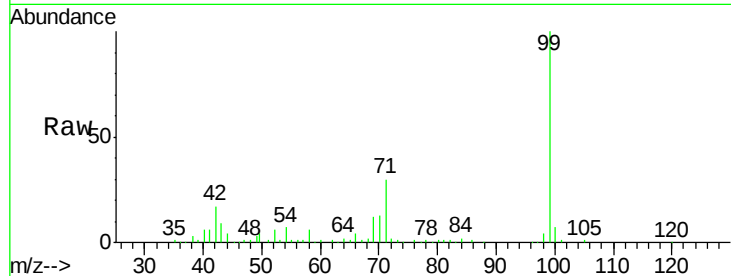
ClientSampleId :

SB-29AS

Tot Ion:	99	Resp:	281161
Ion Ratio	Lower	Upper	
99	100		
42	17.1	11.9	17.9
71	30.2	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng/mL

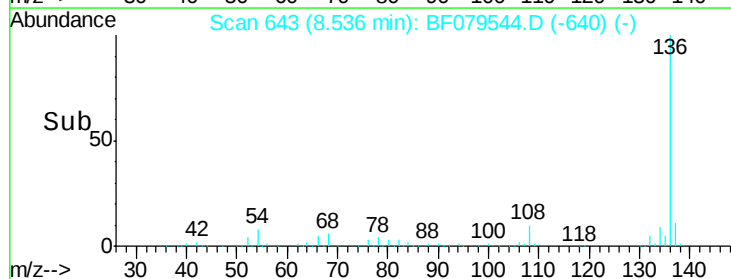
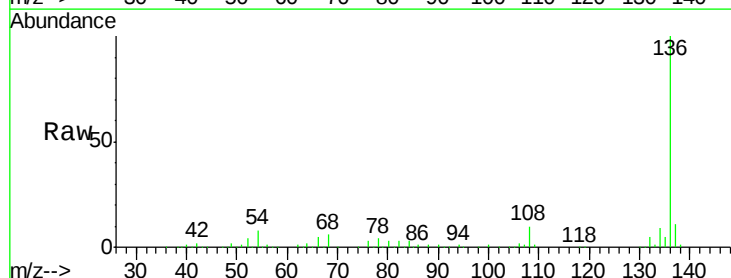
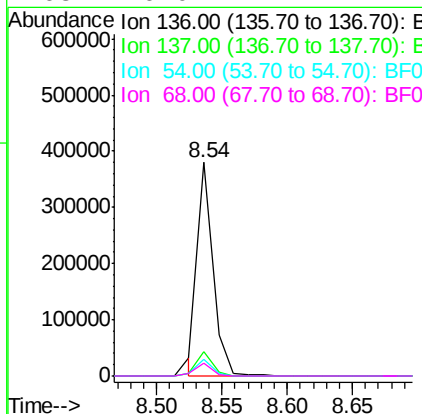
RT: 8.54 min Scan# 643

Delta R.T. -0.06 min

Lab File: BF079544.D

Acq: 28 May 2015 15:07

Tgt Ion:	136	Resp:	315284
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	7.7	6.6	9.8
68	6.0	4.7	7.1





#23

Nitrobenzene-d5

Concen: 28.83 ng

RT: 7.66 min Scan# 566

Delta R.T. -0.06 min

Lab File: BF079544.D

Acq: 28 May 2015 15:07

Instrument :

BNA_F

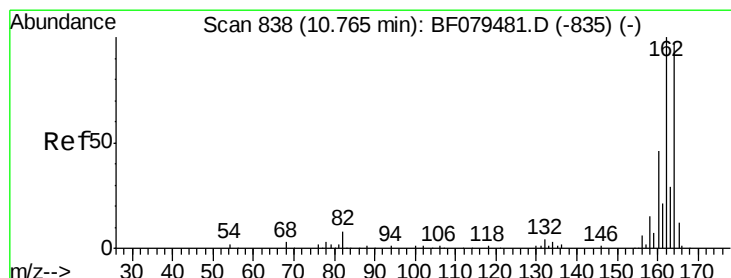
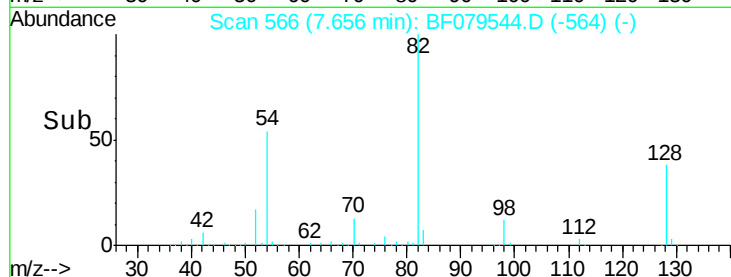
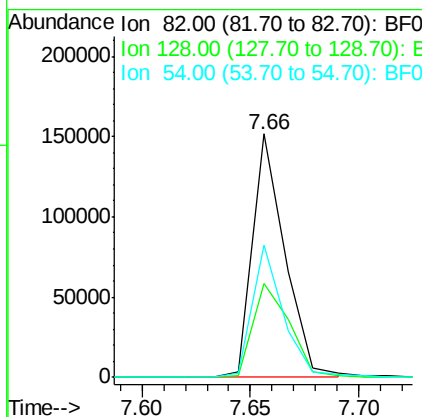
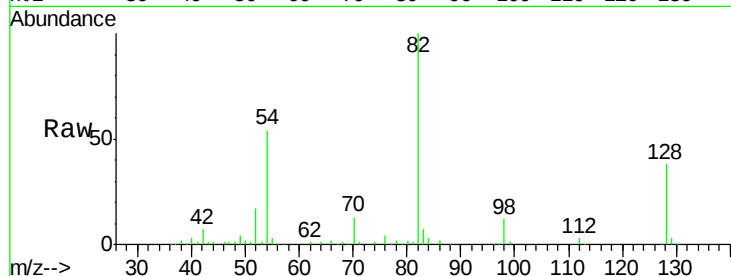
ClientSampleId :

SB-29AS

Tot Ion	82	Resp	157225
Ion Ratio	Lower	Upper	
82	100		
128	38.5	30.8	46.2
54	54.1	42.8	64.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

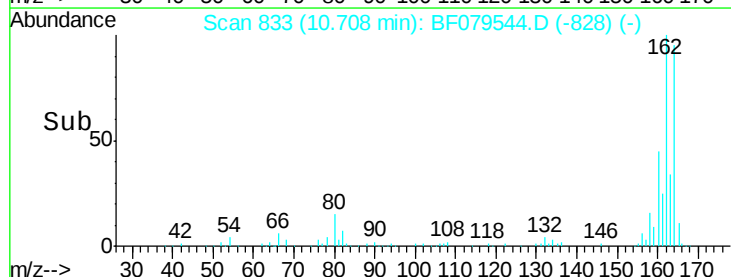
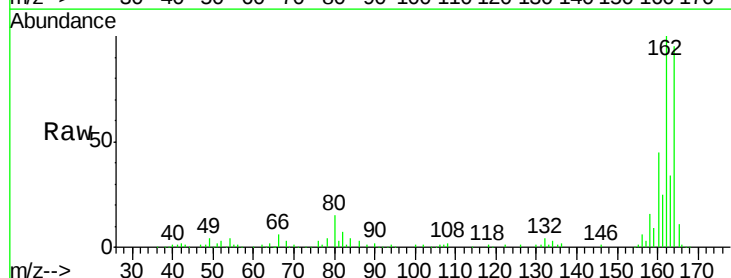
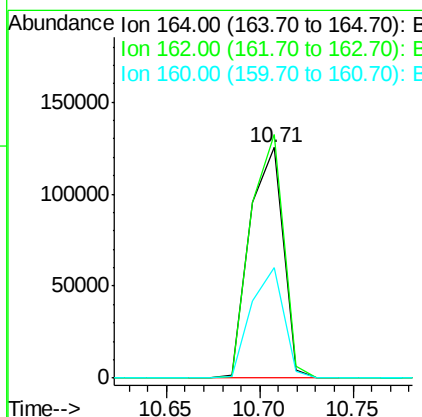
RT: 10.71 min Scan# 833

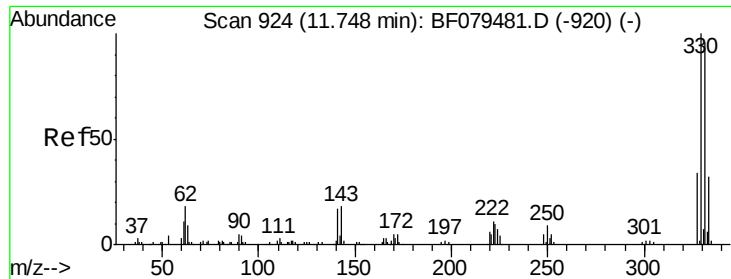
Delta R.T. -0.06 min

Lab File: BF079544.D

Acq: 28 May 2015 15:07

Tgt Ion	164	Resp	155483
Ion Ratio	Lower	Upper	
164	100		
162	105.7	82.6	124.0
160	47.8	37.7	56.5





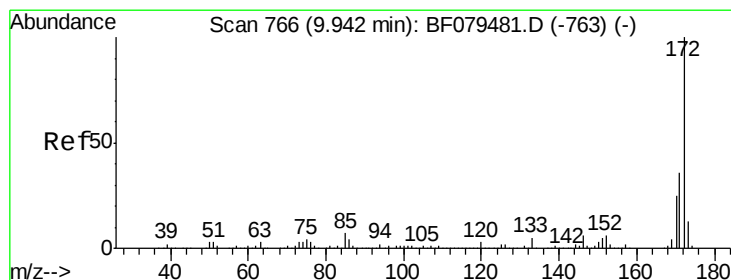
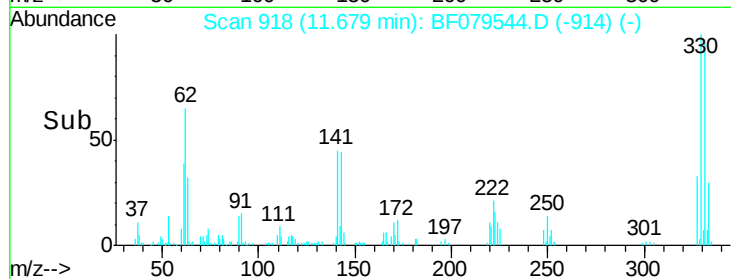
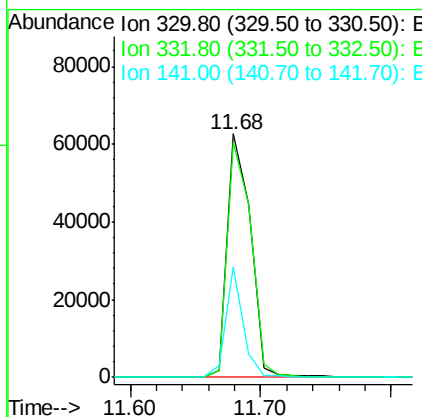
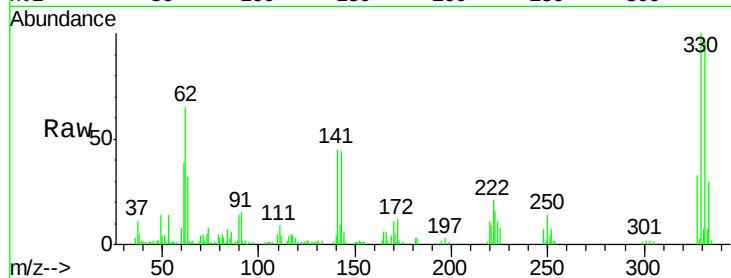
#41
 2,4,6-Tribromophenol
 Concen: 45.51 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.07 min
 Lab File: BF079544.D
 Acq: 28 May 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-29AS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	77729		
332	98.3	0.0	0.0	0.0
141	34.1	0.0	0.0	0.0

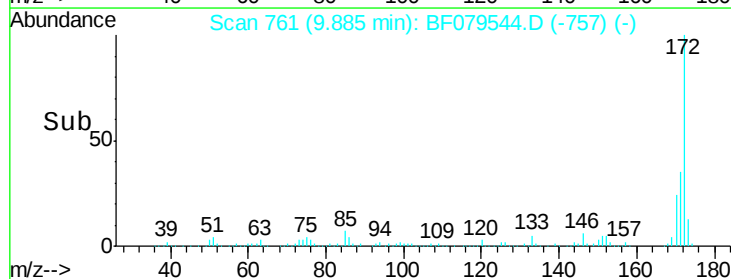
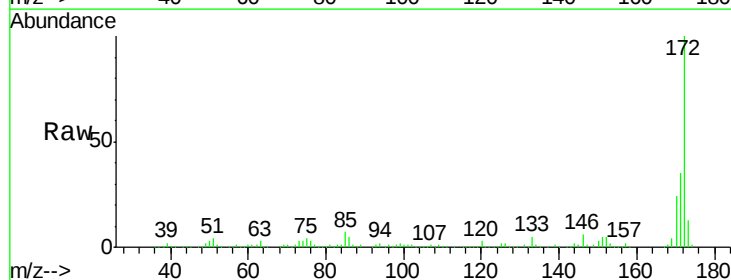
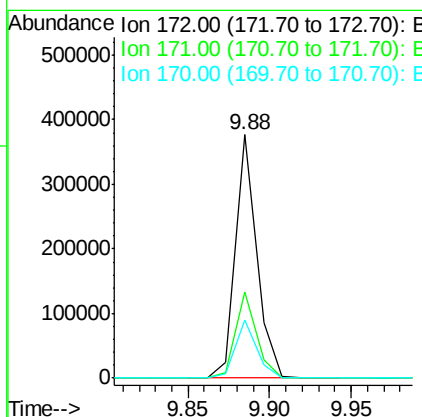
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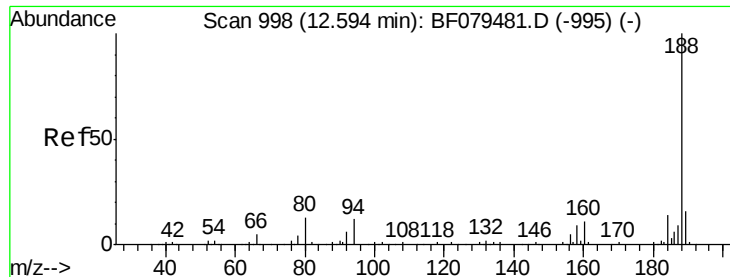
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#44
 2-Fluorobiphenyl
 Concen: 30.93 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.06 min
 Lab File: BF079544.D
 Acq: 28 May 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	337121		
171	35.3	28.5	42.7	
170	23.6	19.7	29.5	





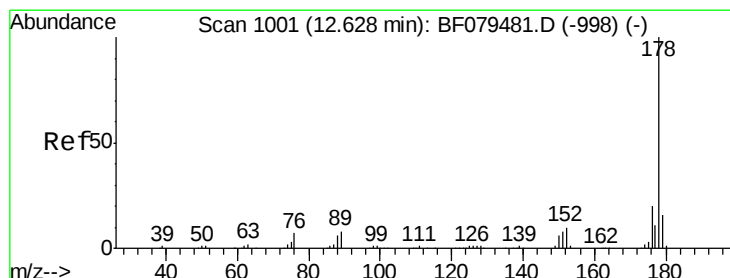
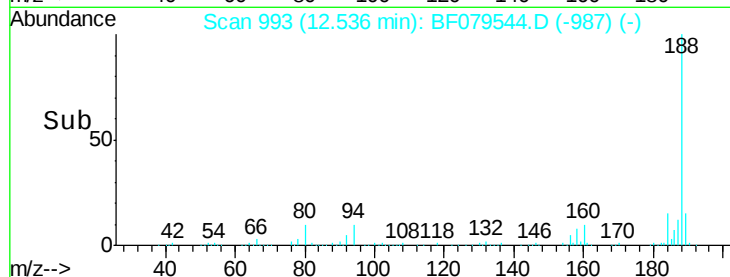
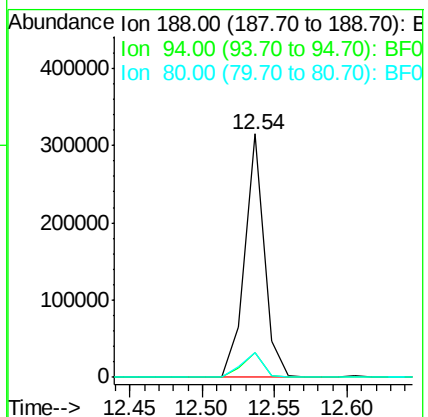
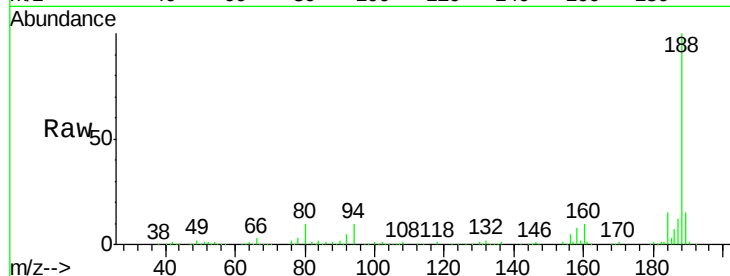
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.54 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Instrument :
BNA_F
ClientSampleId :
SB-29AS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	9.8	14.6
80	10.2	10.5	15.7#

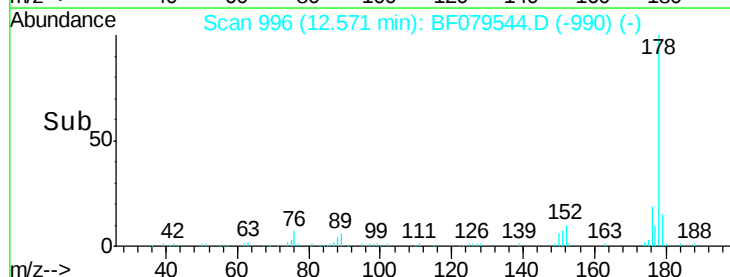
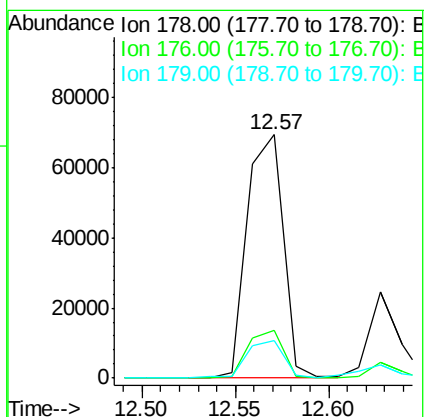
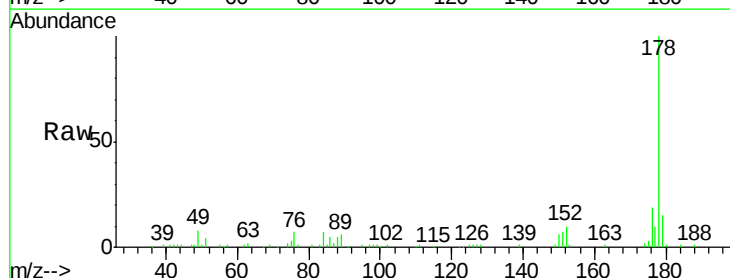
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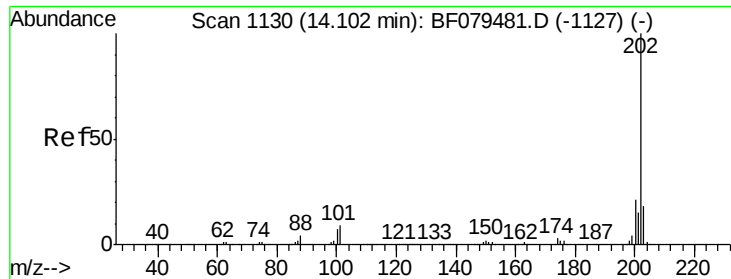
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#70
Phenanthrene
Concen: 5.79 ng
RT: 12.57 min Scan# 996
Delta R.T. -0.06 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.4	12.4	18.6





#74

Fluoranthene

Concen: 9.99 ng

RT: 14.03 min Scan# 1124

Delta R.T. -0.07 min

Lab File: BF079544.D

Acq: 28 May 2015 15:07

Instrument :

BNA_F

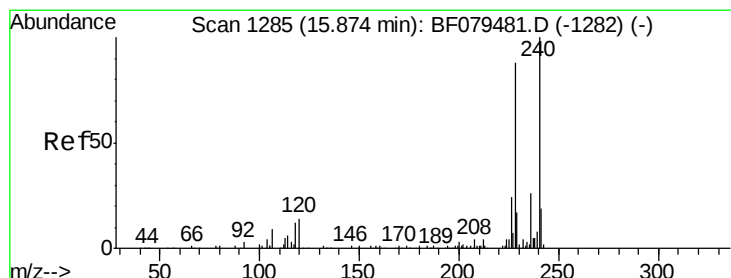
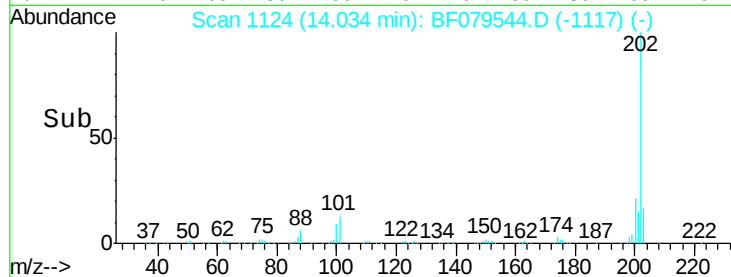
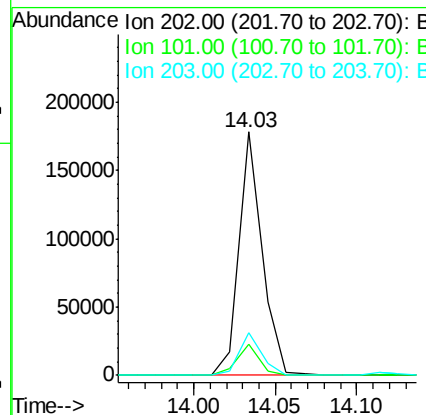
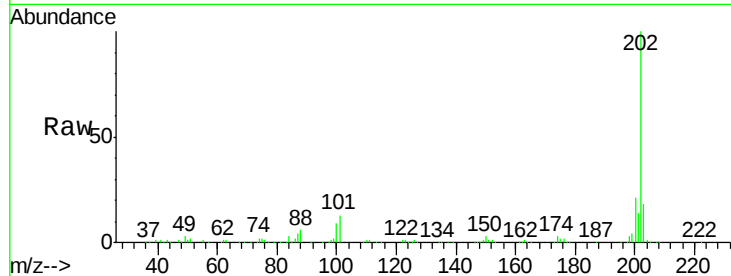
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
202	100	173412		
101	12.7	0.0	29.3	
203	17.6	0.0	37.6	

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#75

Chrysene-d12

Concen: 20.00 ng

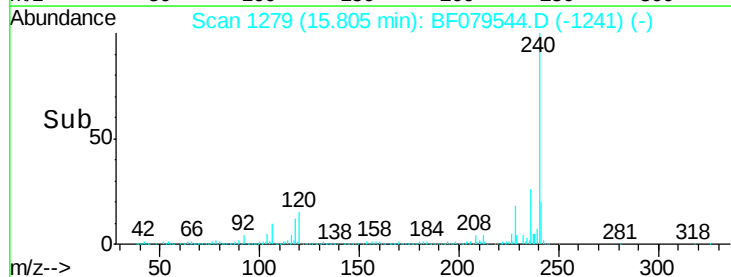
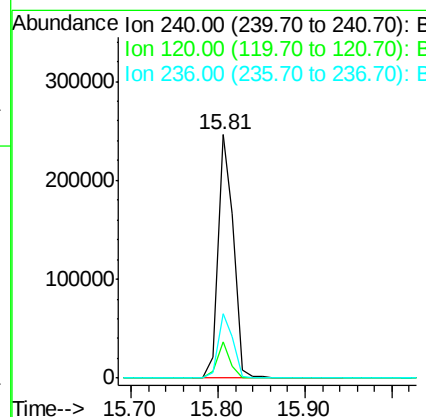
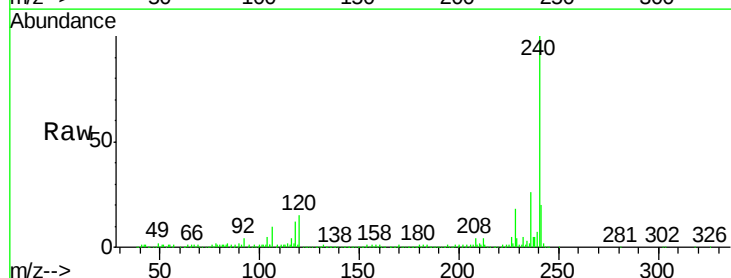
RT: 15.81 min Scan# 1279

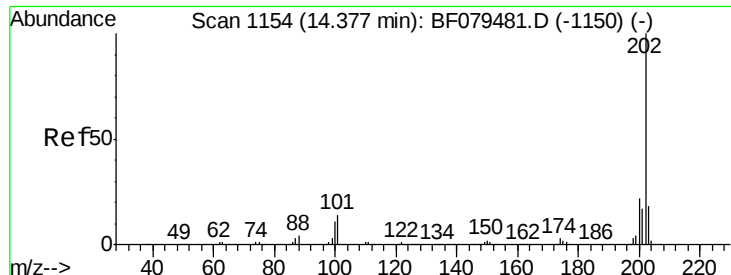
Delta R.T. -0.07 min

Lab File: BF079544.D

Acq: 28 May 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	307022		
120	15.1	10.8	16.2	
236	26.5	21.0	31.6	





#77

Pvrene

Concen: 8.54 ng

RT: 14.31 min Scan# 1148

Delta R.T. -0.07 min

Lab File: BF079544.D

Acq: 28 May 2015 15:07

Instrument :

BNA_F

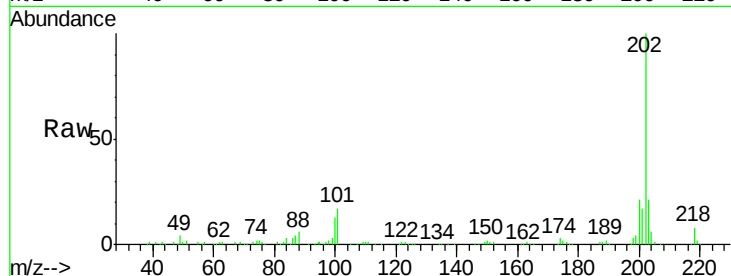
ClientSampled :

SB-29AS

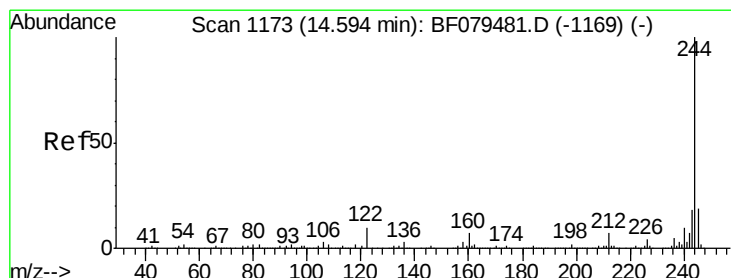
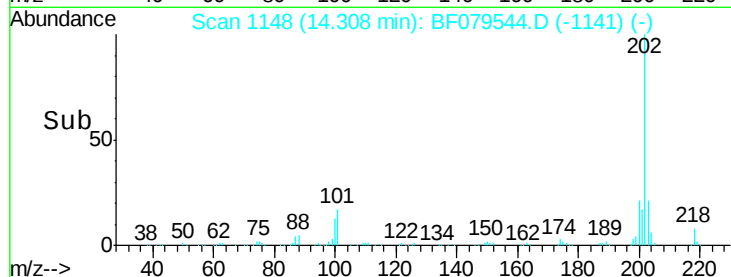
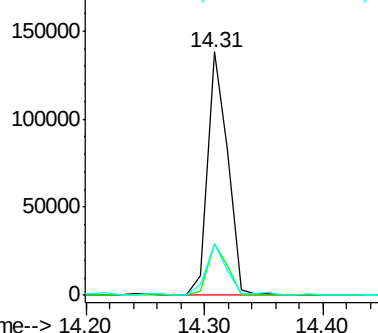
Tot Ion:	202	Resp:	162477
Ion Ratio		Lower	Upper
202	100		
200	21.2	17.5	26.3
203	21.0	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 27.56 ng

RT: 14.53 min Scan# 1167

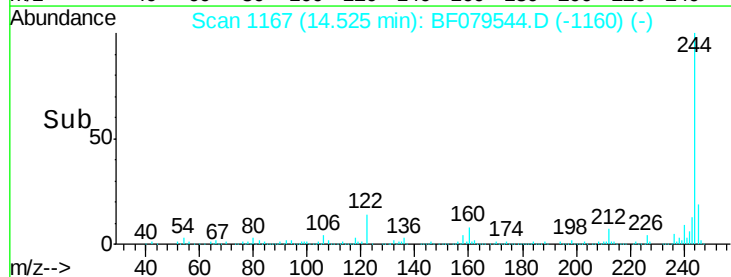
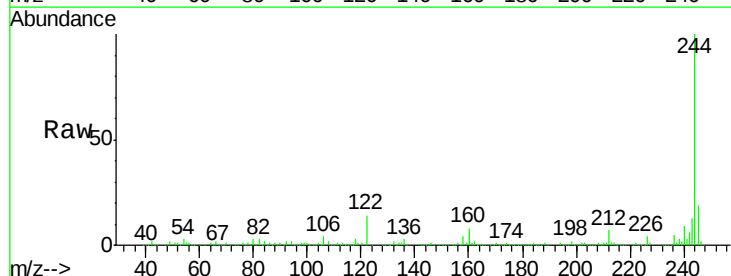
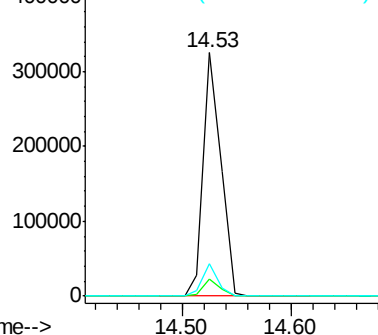
Delta R.T. -0.07 min

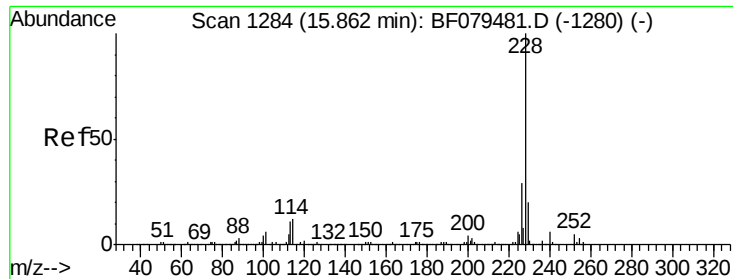
Lab File: BF079544.D

Acq: 28 May 2015 15:07

Tgt Ion:	244	Resp:	360512
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.2	7.8
122	13.5	8.0	12.0#

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: 5.43 ng

RT: 15.79 min Scan# 1278

Delta R.T. -0.07 min

Lab File: BF079544.D

Acq: 28 May 2015 15:07

Instrument :

BNA_F

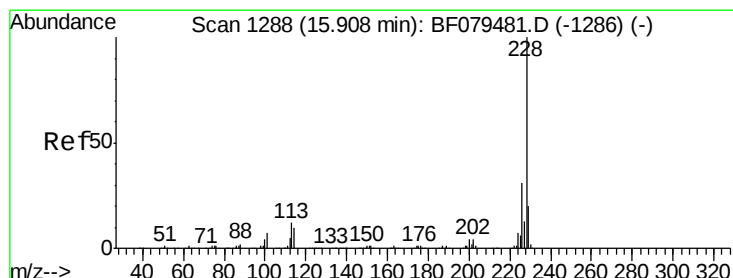
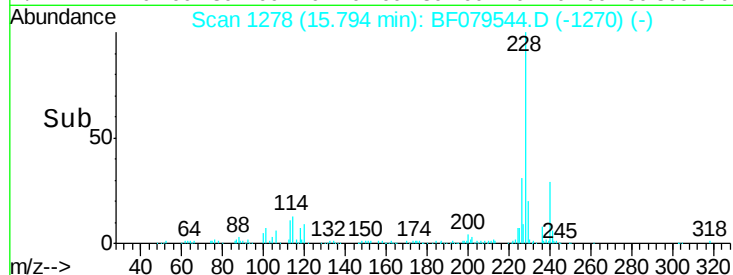
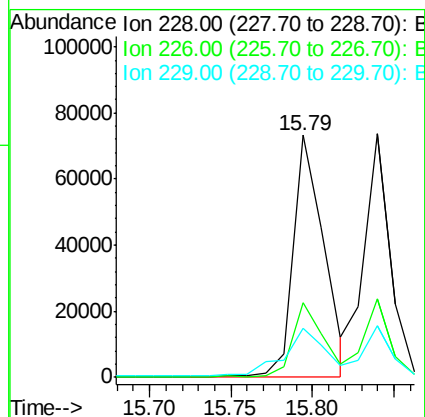
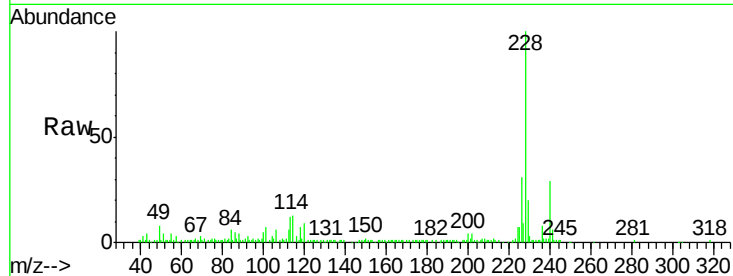
ClientSampleId :

SB-29AS

Tot Ion:	228	Resp:	95930
Ion Ratio	Lower	Upper	
228	100		
226	30.8	22.8	34.2
229	20.4	15.9	23.9

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#82

Chrysene

Concen: 4.84 ng

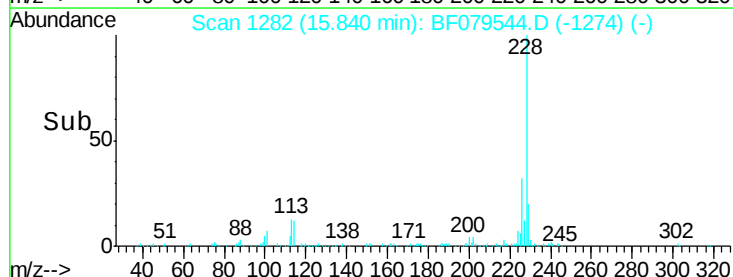
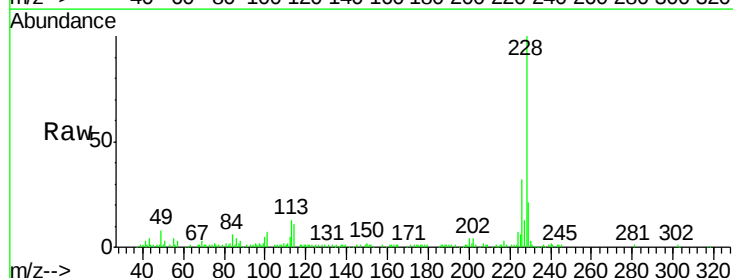
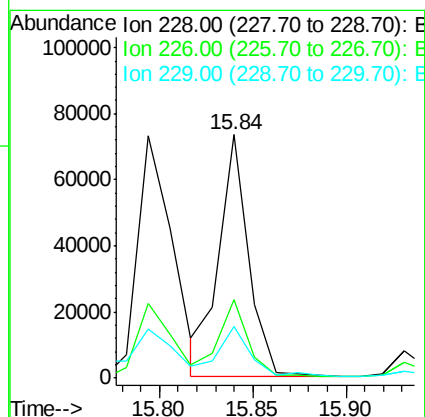
RT: 15.84 min Scan# 1282

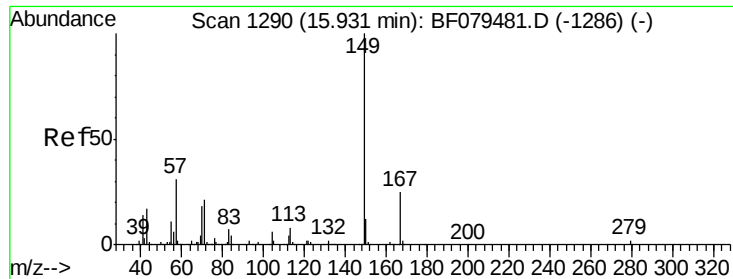
Delta R.T. -0.07 min

Lab File: BF079544.D

Acq: 28 May 2015 15:07

Tgt Ion:	228	Resp:	81336
Ion Ratio	Lower	Upper	
228	100		
226	32.0	25.0	37.4
229	21.2	15.9	23.9





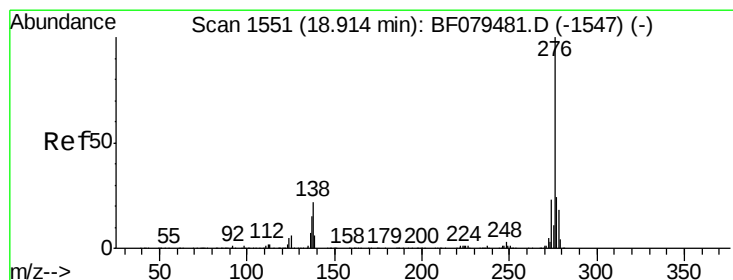
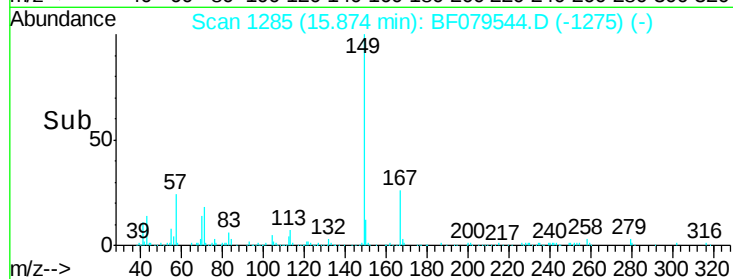
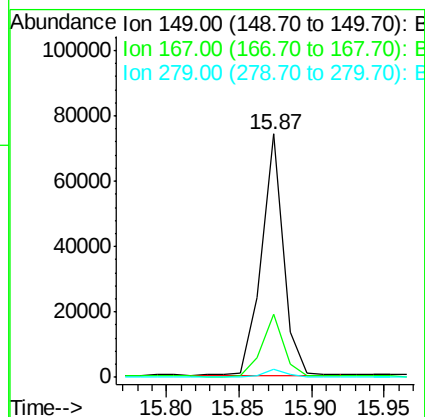
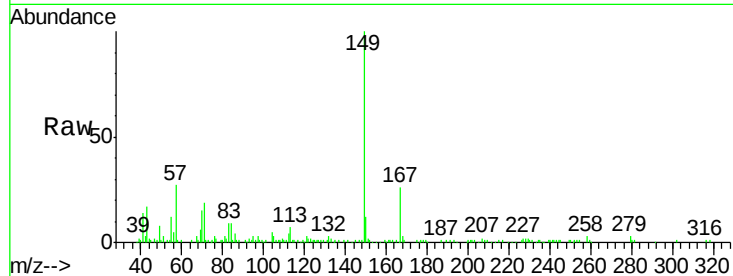
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.31 ng
 RT: 15.87 min Scan# 1285
 Delta R.T. -0.06 min
 Lab File: BF079544.D
 Acq: 28 May 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-29AS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.2	30.4
279	3.3	2.0	3.0

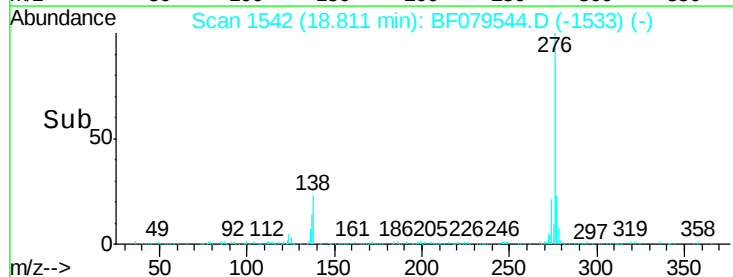
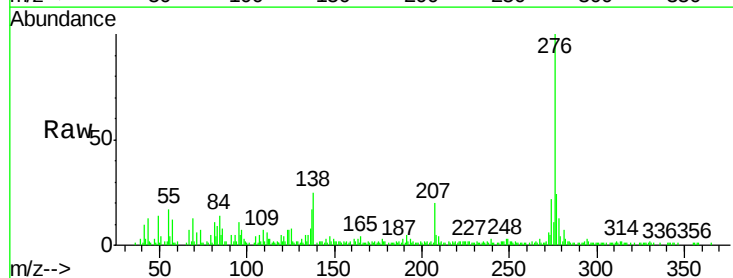
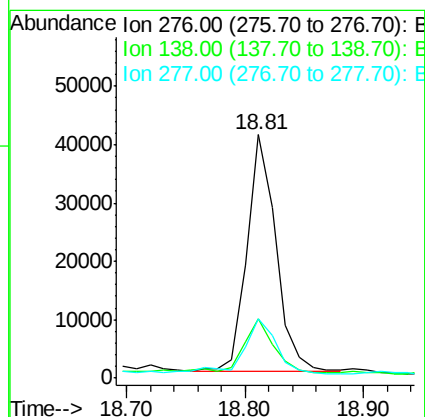
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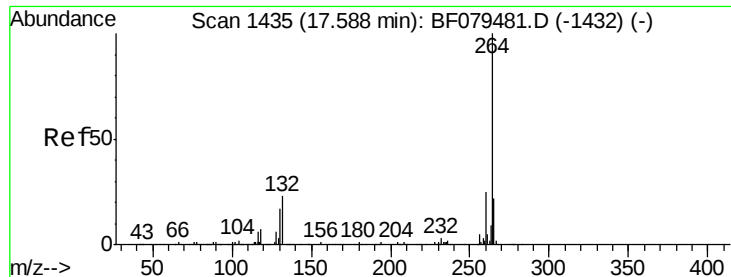
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.20 ng
 RT: 18.81 min Scan# 1542
 Delta R.T. -0.10 min
 Lab File: BF079544.D
 Acq: 28 May 2015 15:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	21.4	32.2
277	26.1	19.8	29.6





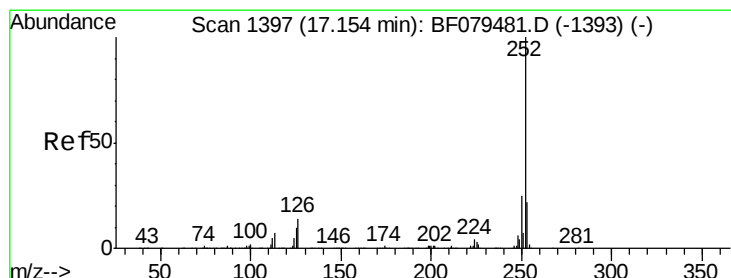
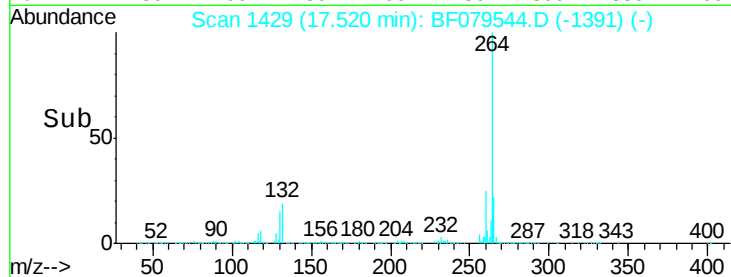
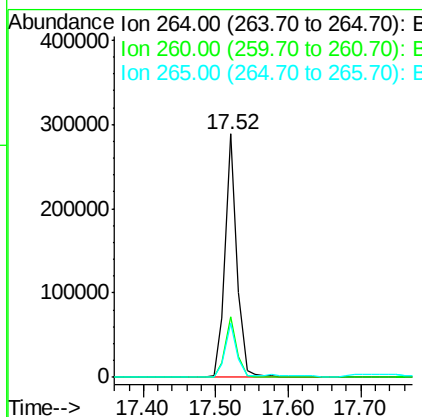
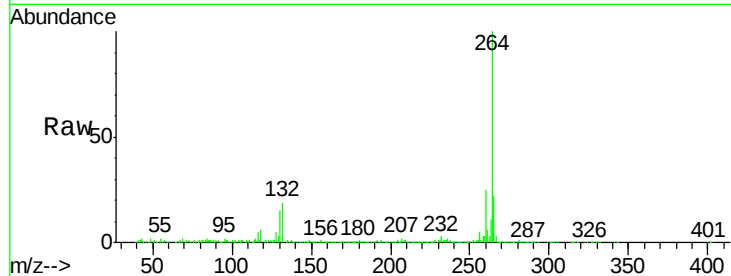
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.52 min Scan# 1429
Delta R.T. -0.07 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Instrument :
BNA_F
ClientSampleId :
SB-29AS

Tot Ion:	264	Resp:	332572
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.8	29.8
265	22.2	17.8	26.6

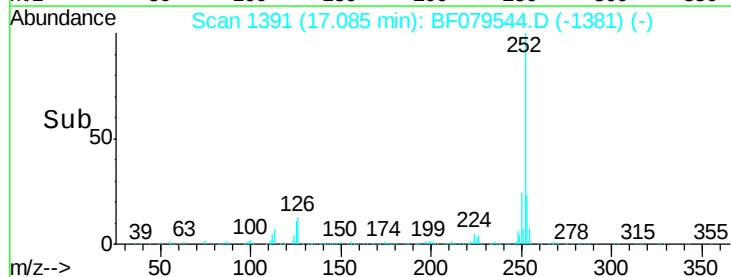
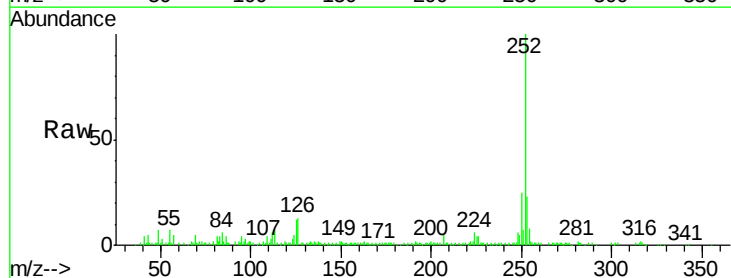
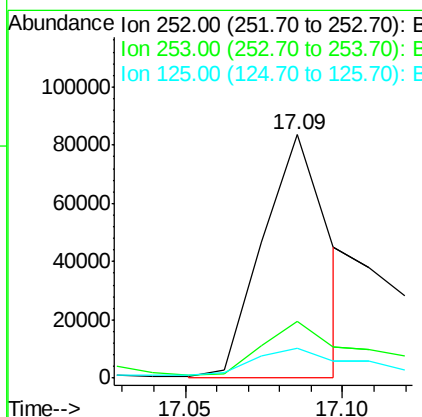
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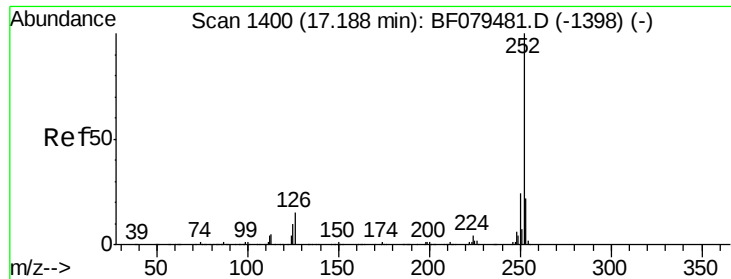
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#87
Benzo(b)fluoranthene
Concen: 6.43 ng m
RT: 17.09 min Scan# 1391
Delta R.T. -0.07 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Tgt Ion:	252	Resp:	121948
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.6	26.4
125	12.1	7.8	11.6#





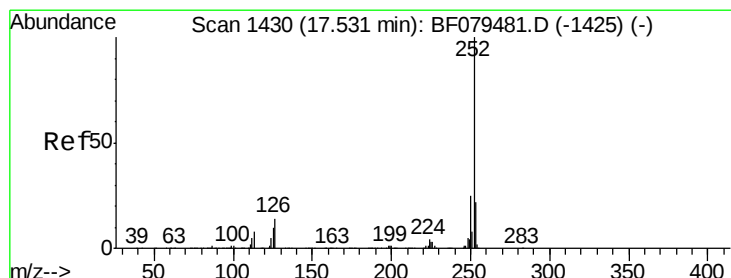
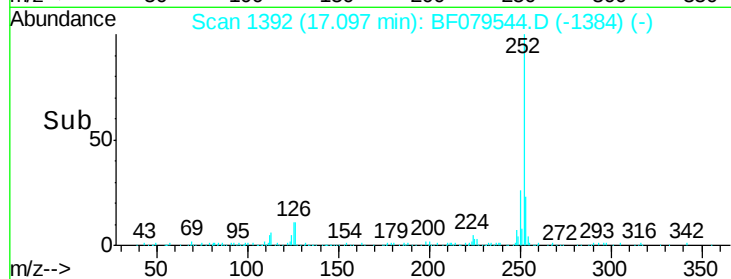
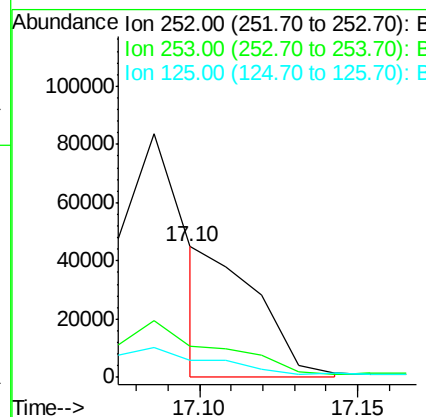
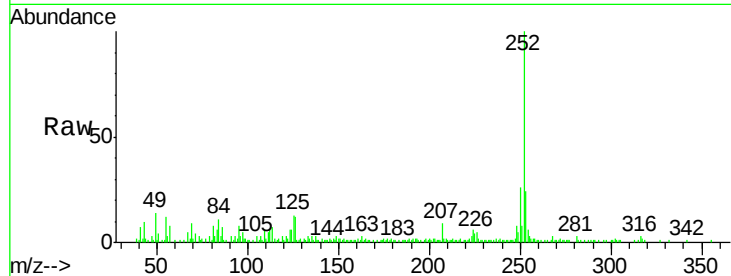
#88
Benzo(k)fluoranthene
Concen: 2.90 ng/mL
RT: 17.10 min Scan# 1392
Delta R.T. -0.09 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Instrument :
BNA_F
ClientSampleId :
SB-29AS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	13.1	6.8	10.2

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 3.91 ng/mL
RT: 17.46 min Scan# 1424
Delta R.T. -0.07 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	8.9	7.9	11.9

