

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080690.D
 Acq On : 28 Jul 2015 1:02
 Operator : TP/UM
 Sample : G3084-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-1

Manual Integrations
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 7/29/2015 10:40:59 AM

Quant Time: Jul 28 08:10:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 05:06:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	24582	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	80551	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	31496	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	45912	20.00	ng	0.00
75) Chrysene-d12	14.26	240	19548	20.00	ng	0.01
86) Perylene-d12	15.94	264	10516	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	269376	174.53	ng	0.00
7) Phenol-d6	6.53	99	305481	183.96	ng	0.00
23) Nitrobenzene-d5	7.48	82	187139	119.36	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	43668	158.41	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	279699	111.89	ng	0.00
78) Terphenyl-d14	13.08	244	133016	116.57	ng	0.01
Target Compounds						
15) Benzyl Alcohol	7.08	79	4136	3.05	ng	Qvalue # 57
49) Dimethylphthalate	9.68	163	74690	36.47	ng	99
70) Phenanthrene	11.47	178	27545	10.51	ng	99
71) Anthracene	11.53	178	12646	4.96	ng	97
74) Fluoranthene	12.68	202	22687	11.04	ng	95
77) Pyrene	12.92	202	18239	11.14	ng	99
80) Benzo(a)anthracene	14.25	228	5496	4.85	ng	# 88
82) Chrysene	14.29	228	8229	7.29	ng	96
87) Benzo(b)fluoranthene	15.49	252	4287m	5.60	ng	
89) Benzo(a)pyrene	15.87	252	2642	4.52	ng	# 91

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

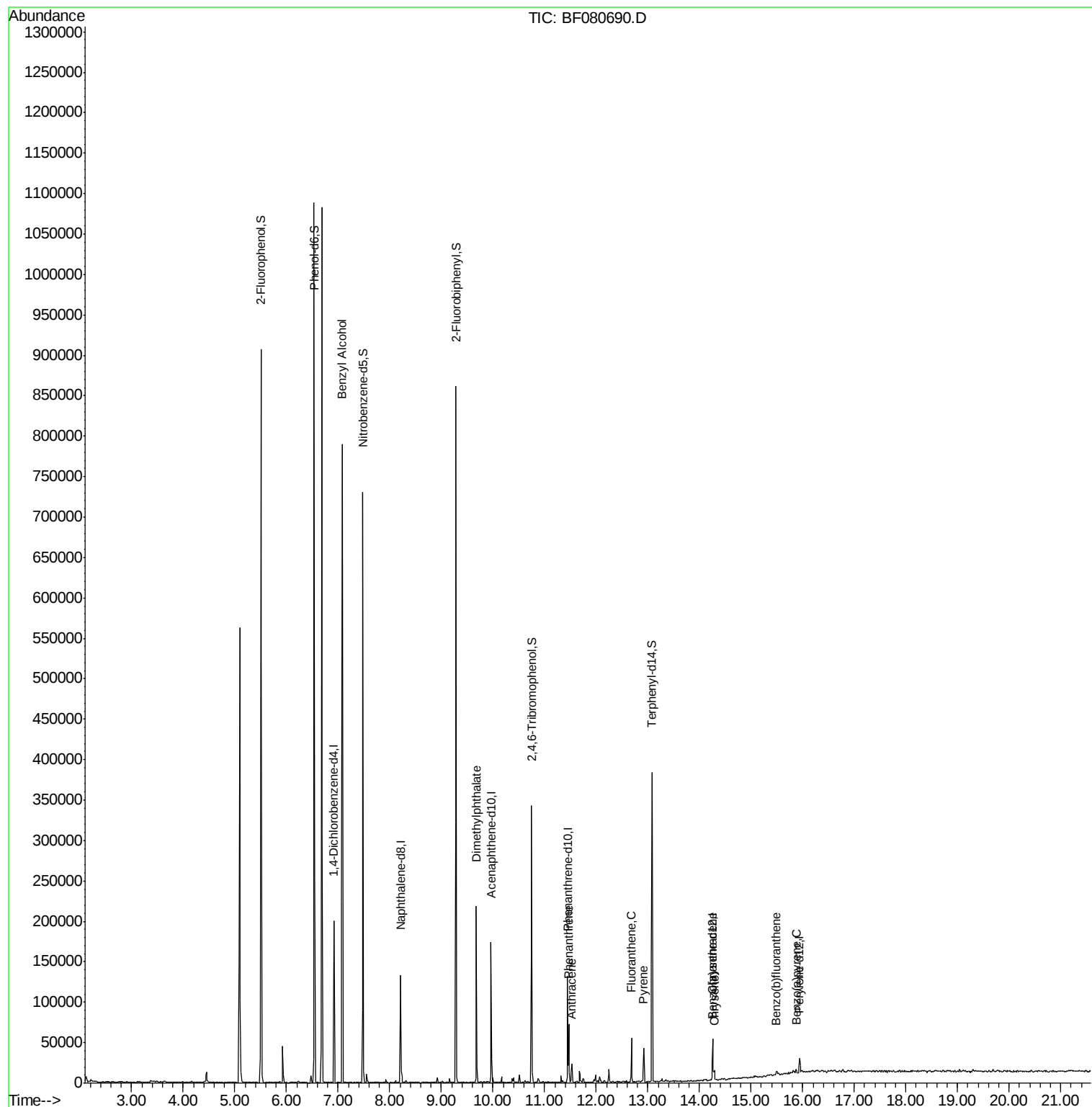
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
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Sample : G3084-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

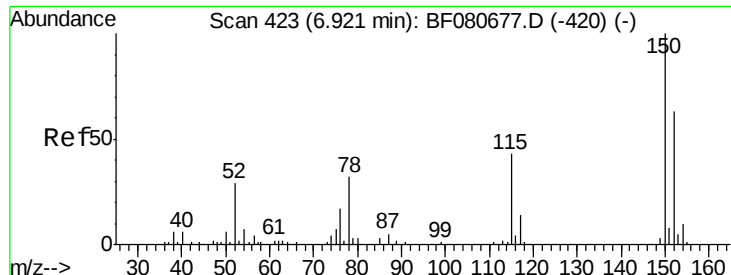
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-1

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QLast Update : Tue Jul 28 05:06:30 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF080690.D

Acq: 28 Jul 2015 1:02

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-1

Tot Ion:152 Resp: 24582

Ion Ratio Lower Upper

152 100

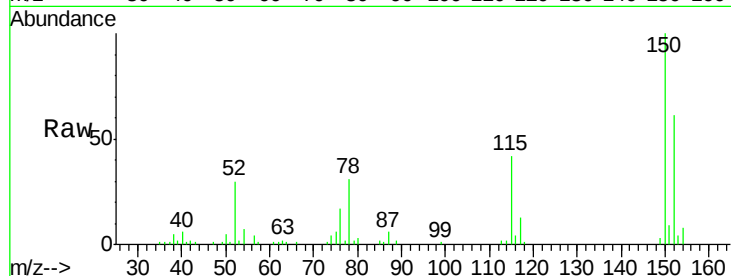
150 163.2 127.7 191.5

115 69.0 54.2 81.4

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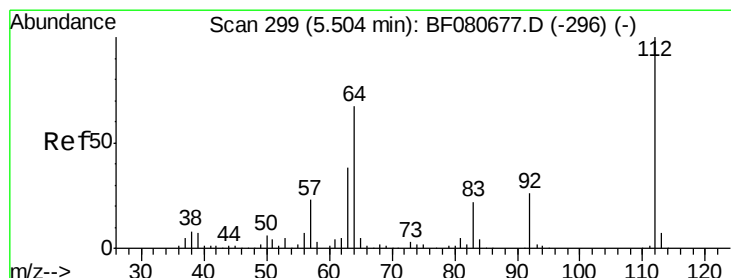
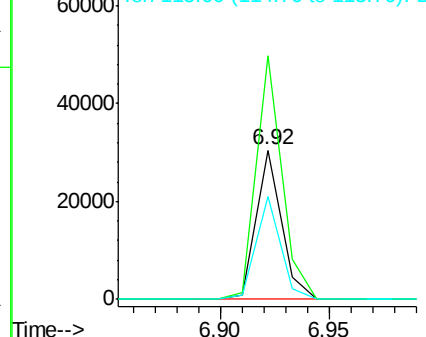
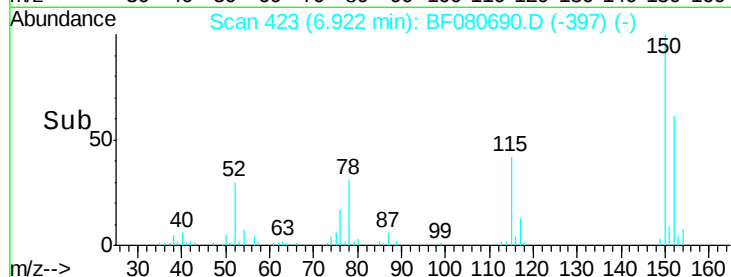
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 174.53 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF080690.D

Acq: 28 Jul 2015 1:02

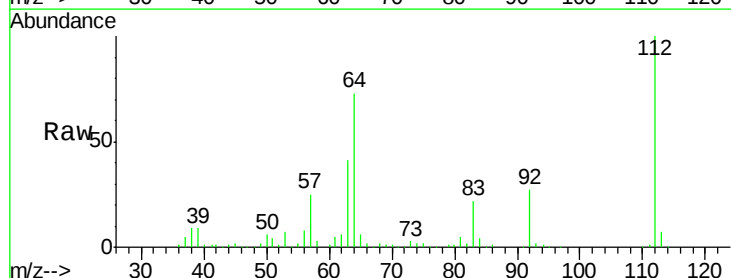
Tgt Ion:112 Resp: 269376

Ion Ratio Lower Upper

112 100

64 73.2 53.2 79.8

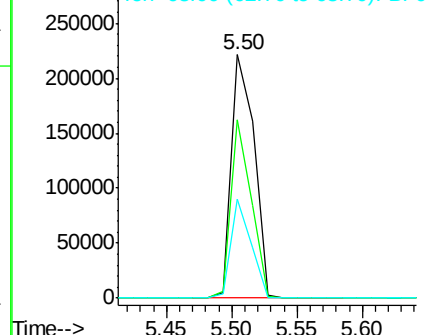
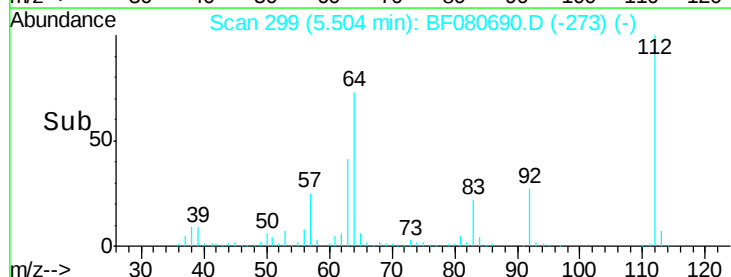
63 40.8 30.4 45.6

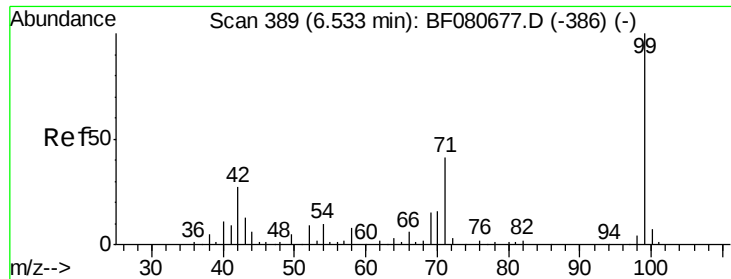


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 183.96 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080690.D

Acq: 28 Jul 2015 1:02

Instrument :

BNA_F

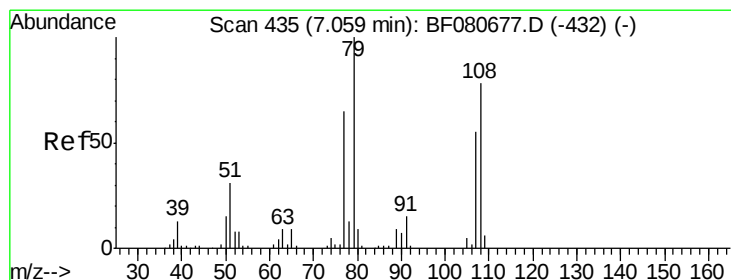
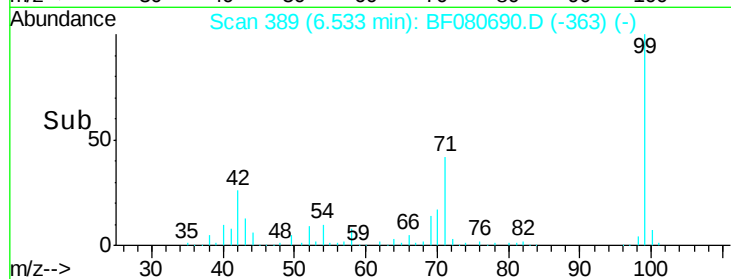
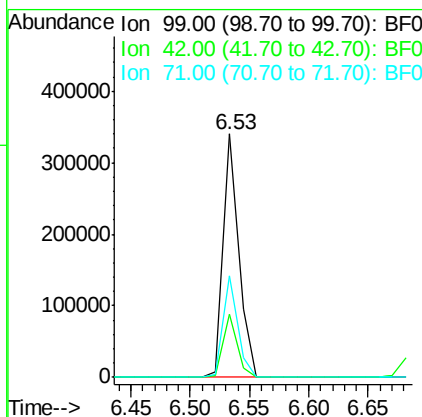
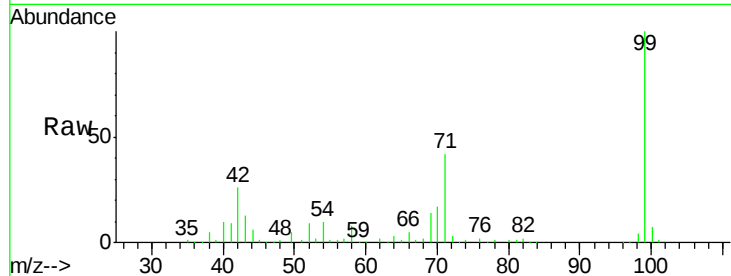
ClientSampleId :

DUMBO-EP-1

Tot Ion:	99	Resp:	305481
Ion Ratio	Lower	Upper	
99	100		
42	26.0	21.8	32.8
71	41.6	32.9	49.3

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#15

Benzyl Alcohol

Concen: 3.05 ng

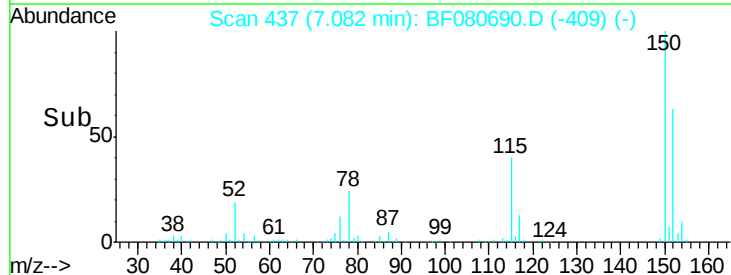
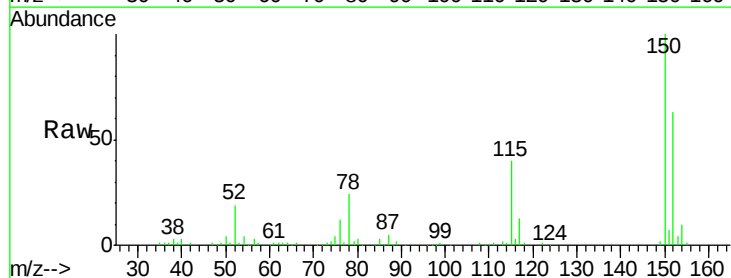
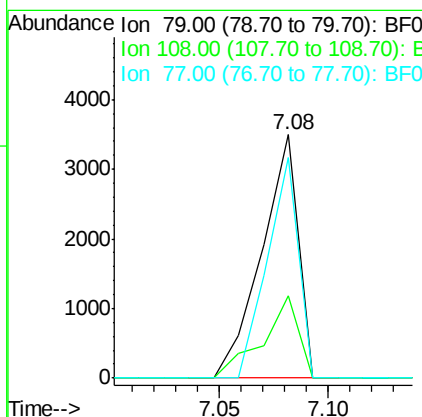
RT: 7.08 min Scan# 437

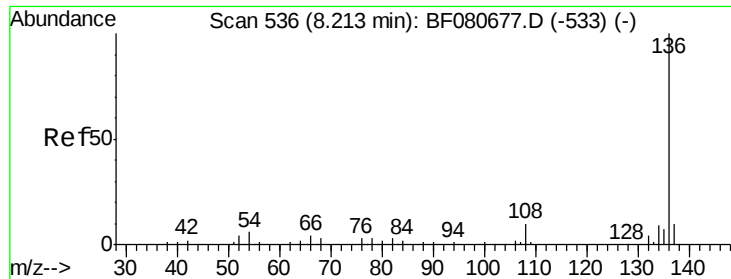
Delta R.T. 0.02 min

Lab File: BF080690.D

Acq: 28 Jul 2015 1:02

Tgt Ion:	79	Resp:	4136
Ion Ratio	Lower	Upper	
79	100		
108	33.9	62.7	94.1#
77	90.5	51.8	77.8#





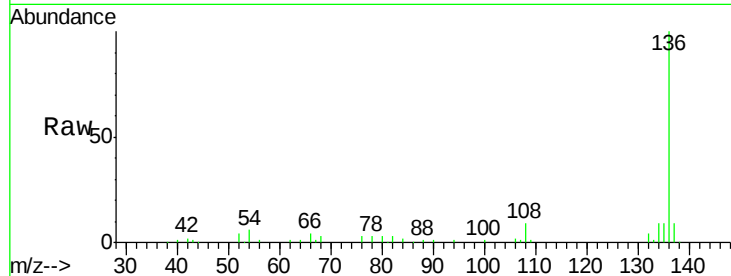
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080690.D
Acq: 28 Jul 2015 1:02

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-1

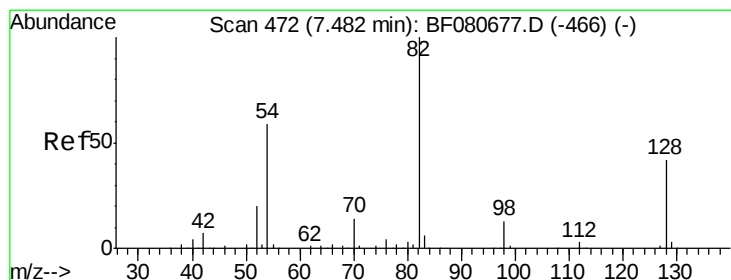
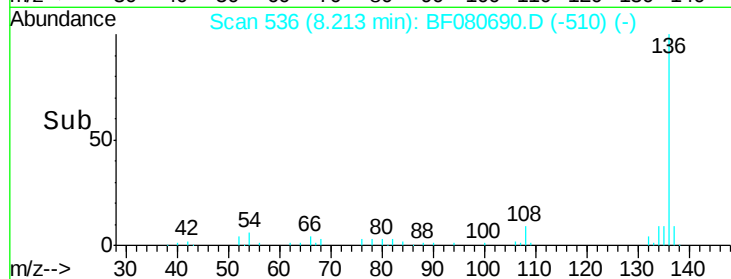
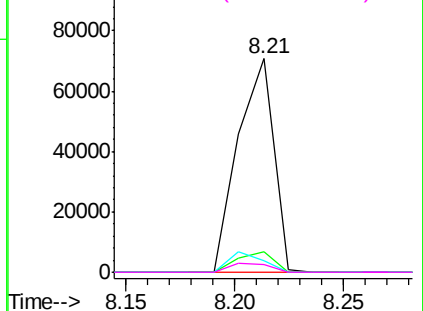
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	9.5	8.2	12.2	
54	5.7	5.0	7.4	
68	3.5	2.7	4.1	

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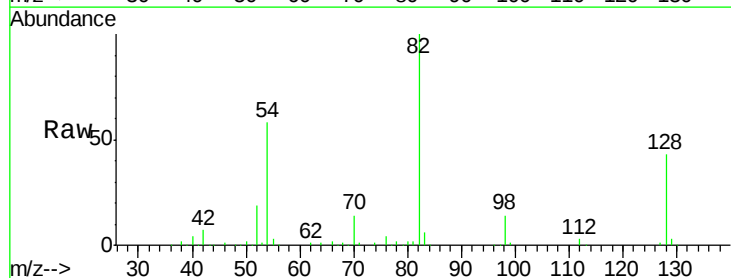


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

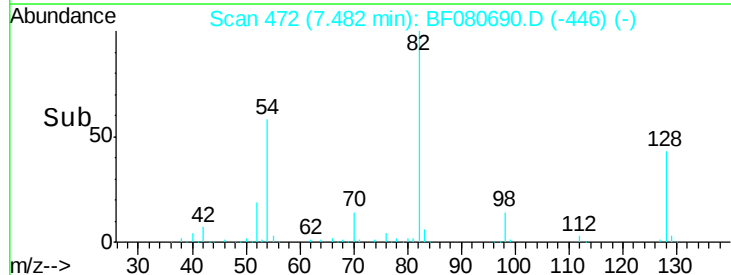
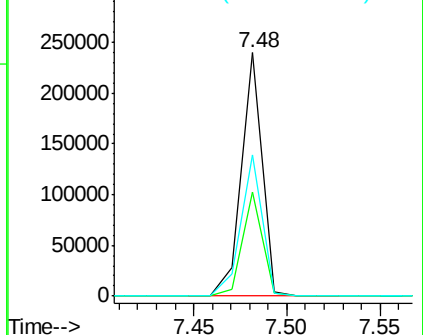


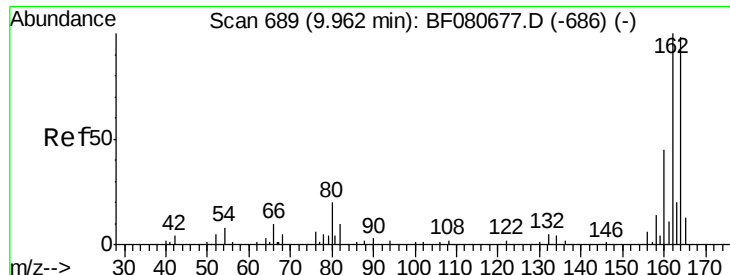
#23
Nitrobenzene-d5
Concen: 119.36 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF080690.D
Acq: 28 Jul 2015 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.7	33.7	50.5	
54	57.9	47.3	70.9	



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





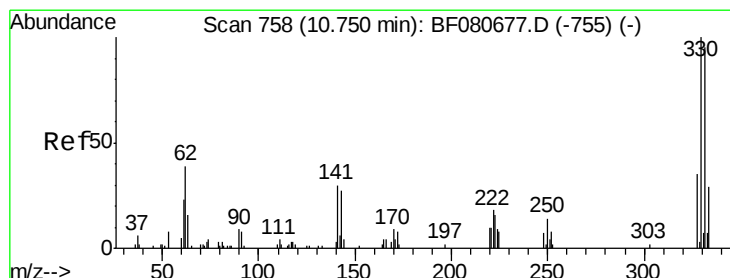
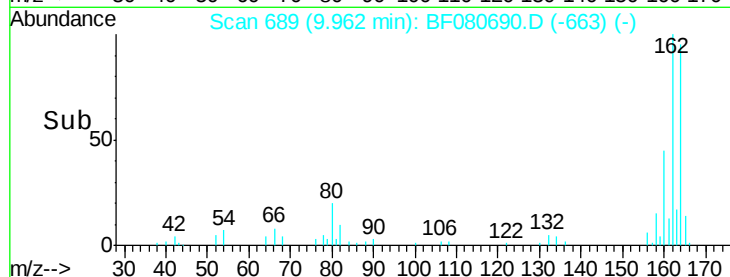
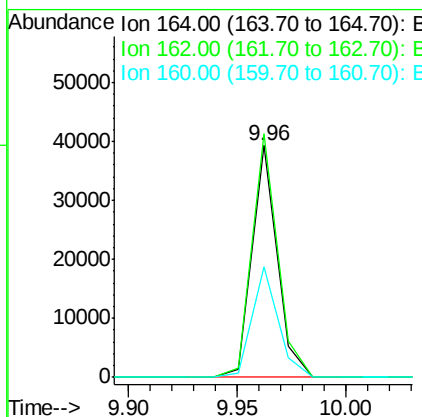
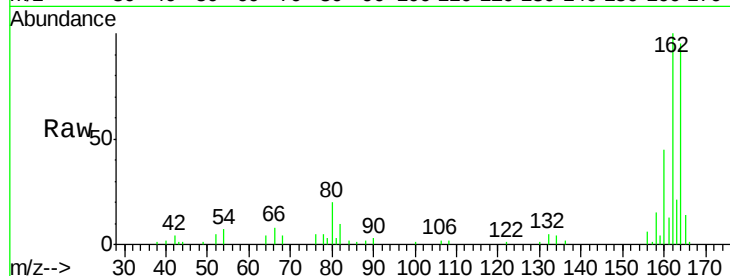
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF080690.D
 Acq: 28 Jul 2015 1:02

Instrument :
 BNA_F
 ClientSampleID :
 DUMBO-EP-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.0	123.0
160	47.4	36.7	55.1

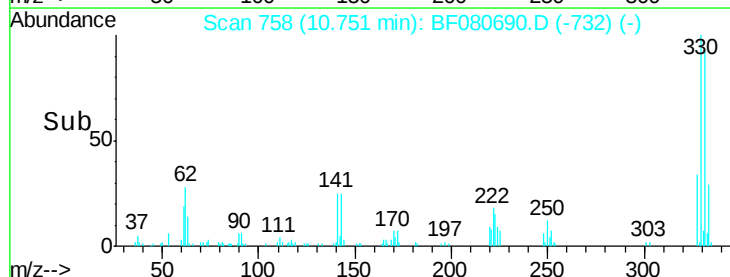
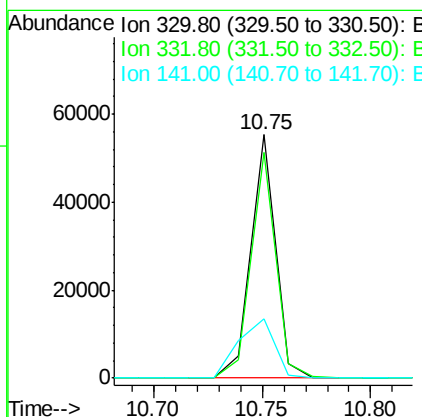
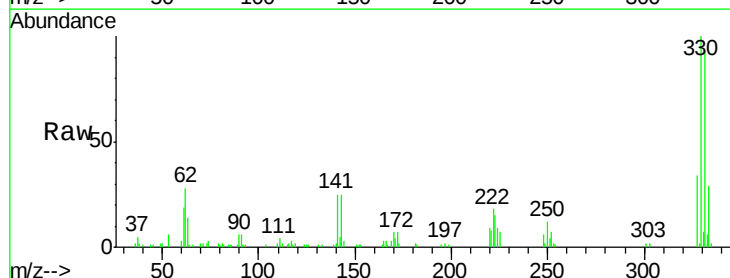
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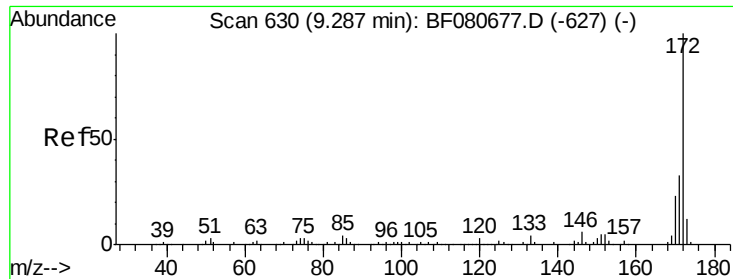
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#41
 2,4,6-Tribromophenol
 Concen: 158.41 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF080690.D
 Acq: 28 Jul 2015 1:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.9	115.3
141	35.6	30.6	45.8





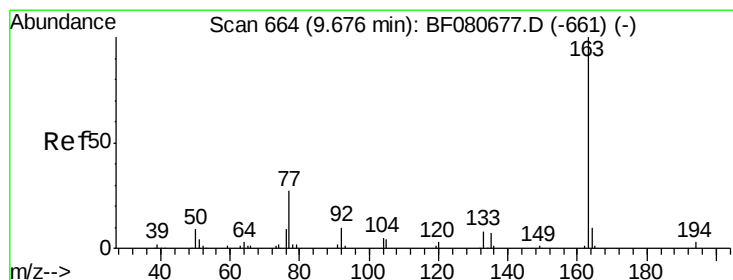
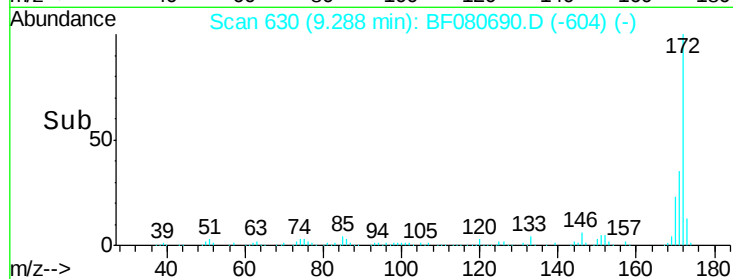
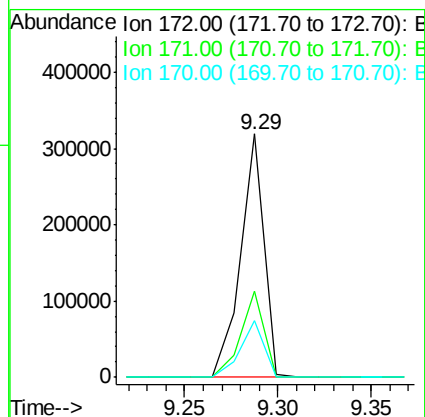
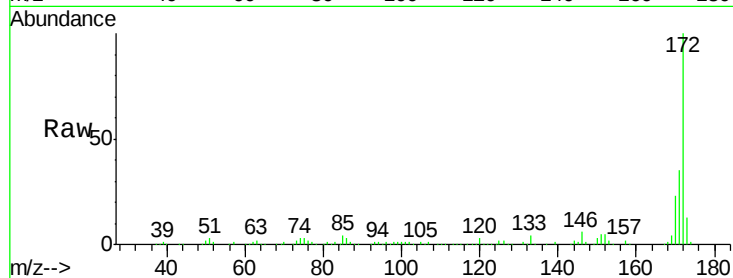
#44
2-Fluorobiphenyl
Concen: 111.89 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF080690.D
Acq: 28 Jul 2015 1:02

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.6	39.8
170	23.4	18.6	28.0

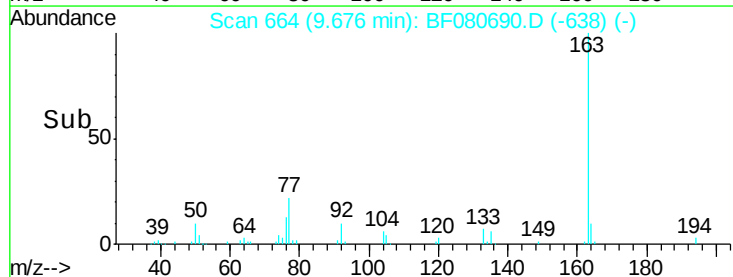
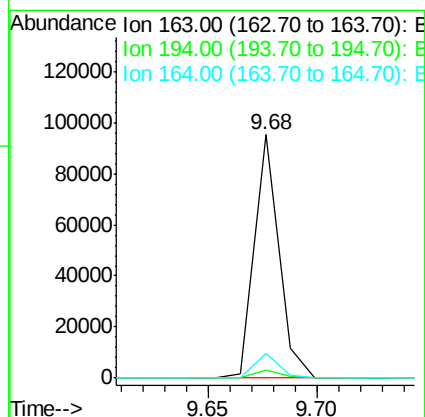
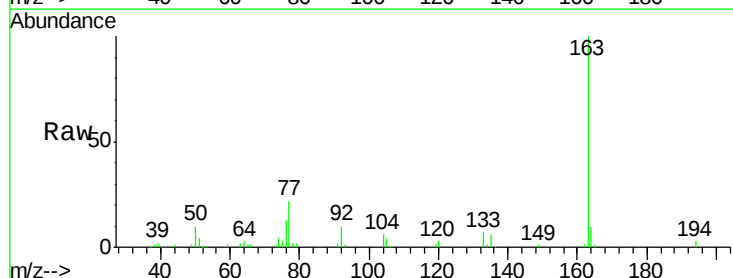
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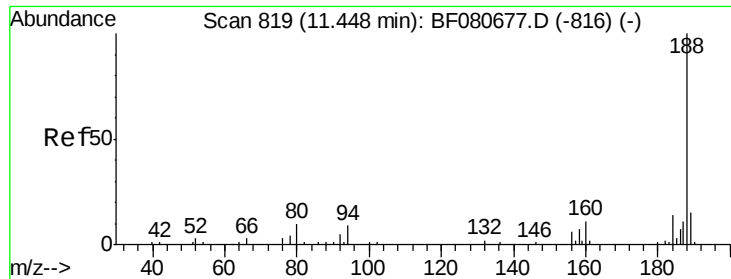
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#49
Dimethylphthalate
Concen: 36.47 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF080690.D
Acq: 28 Jul 2015 1:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.4	3.6
164	10.4	8.1	12.1





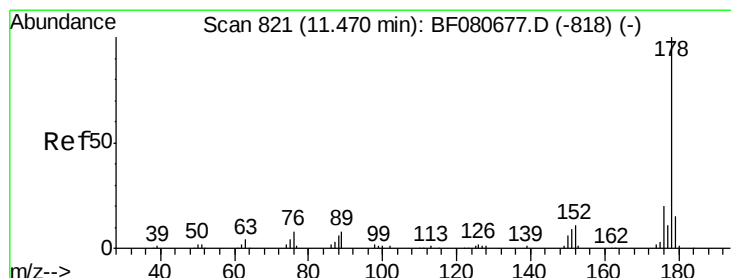
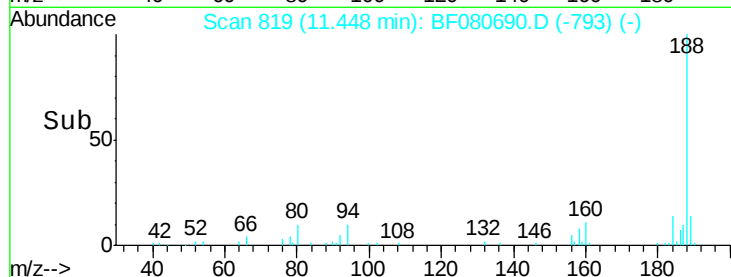
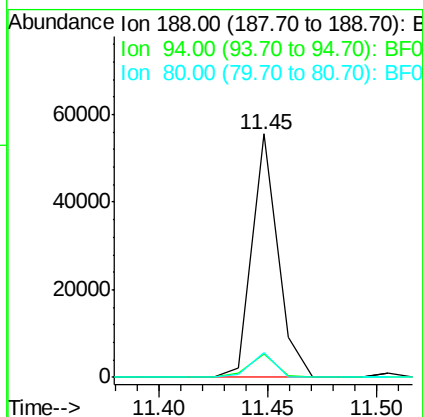
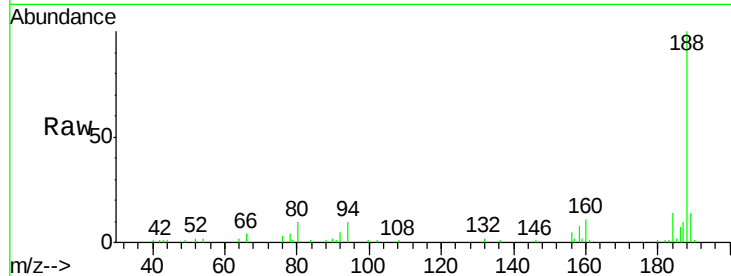
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF080690.D
Acq: 28 Jul 2015 1:02

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	45912		
94	9.5		7.2	10.8
80	9.9		8.2	12.2

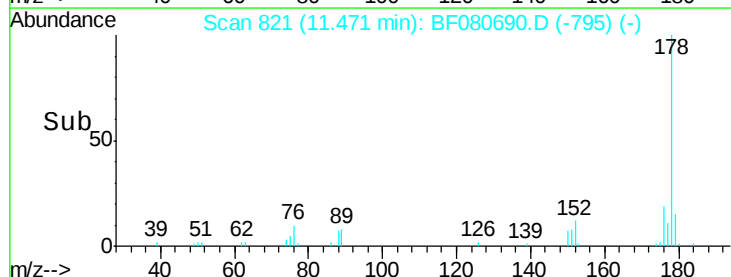
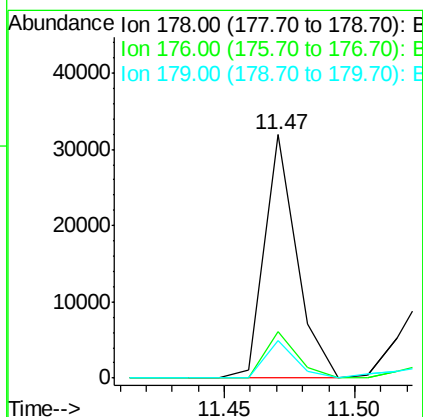
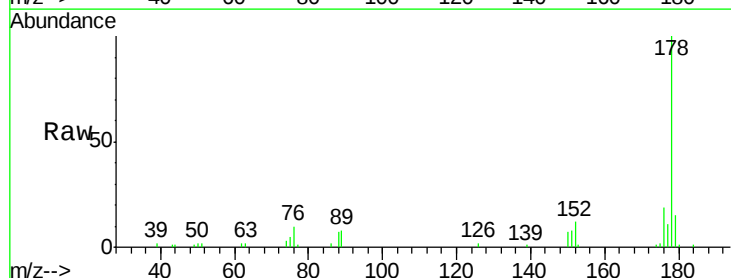
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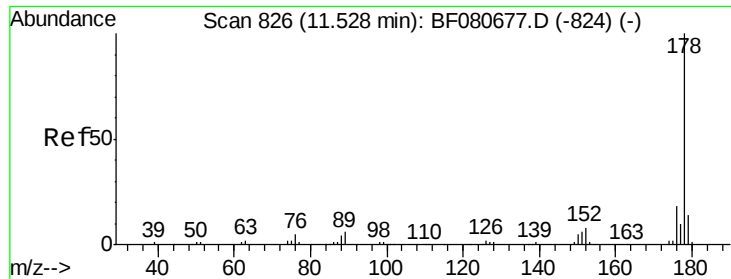
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#70
Phenanthrene
Concen: 10.51 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF080690.D
Acq: 28 Jul 2015 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	27545		
176	19.0		15.6	23.4
179	15.5		12.3	18.5





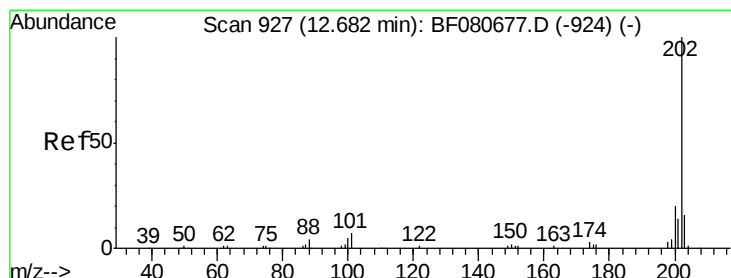
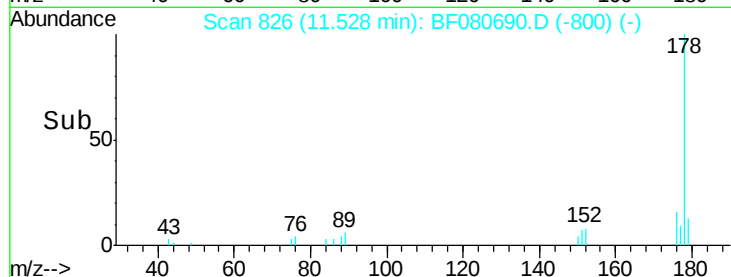
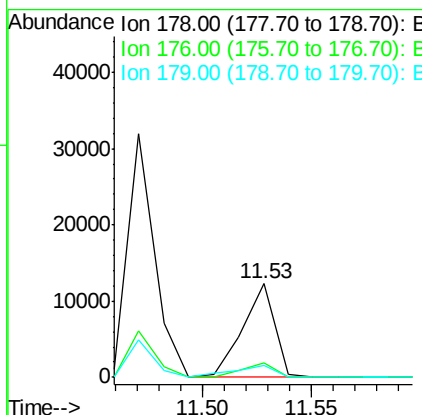
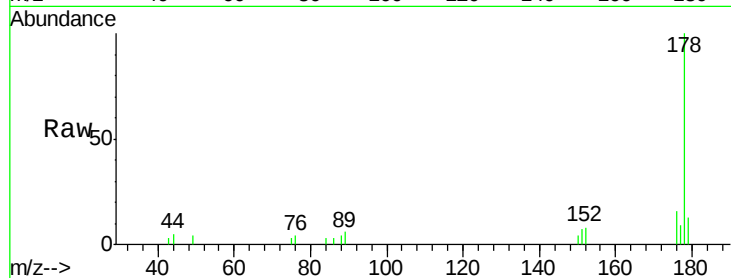
#71
 Anthracene
 Concen: 4.96 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF080690.D
 Acq: 28 Jul 2015 1:02

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.1	14.3	21.5
179	13.2	10.8	16.2

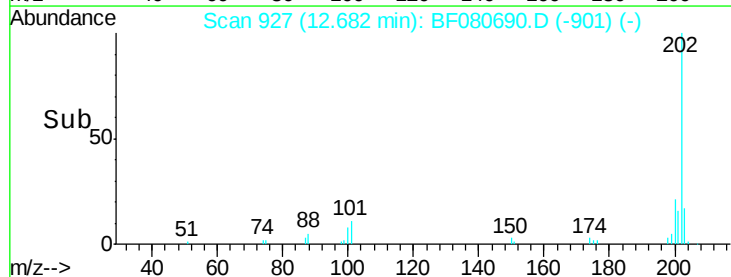
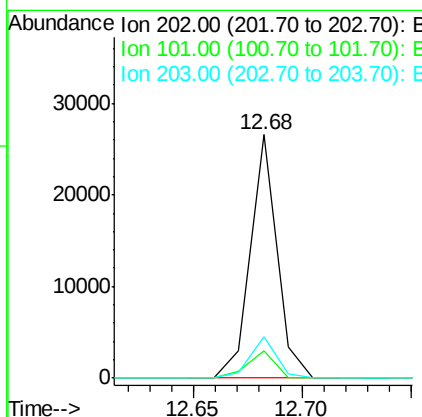
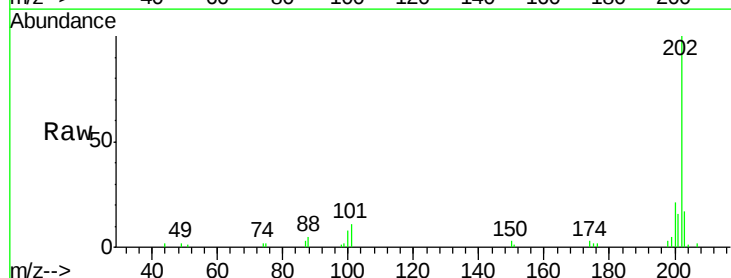
Manual Integrations
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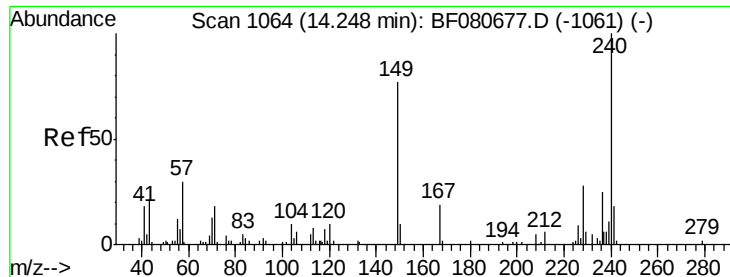
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#74
 Fluoranthene
 Concen: 11.04 ng
 RT: 12.68 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF080690.D
 Acq: 28 Jul 2015 1:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	27.3
203	16.9	0.0	36.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.26 min Scan# 1065

Delta R.T. 0.01 min

Lab File: BF080690.D

Acq: 28 Jul 2015 1:02

Instrument :

BNA_F

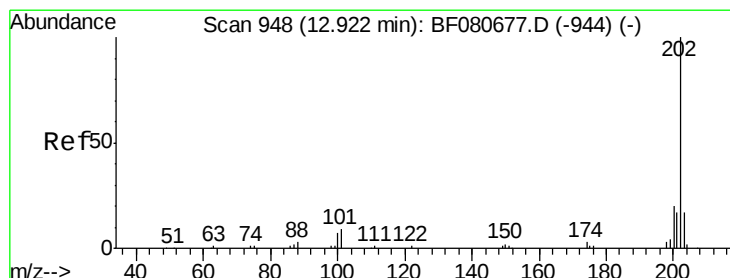
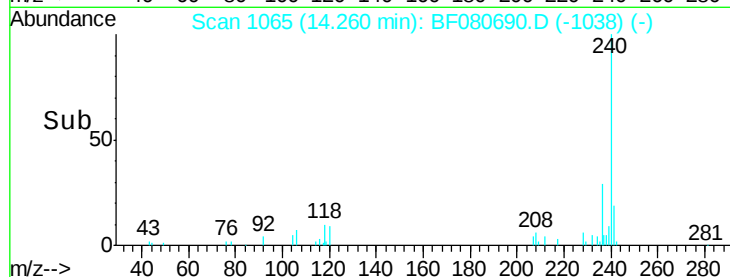
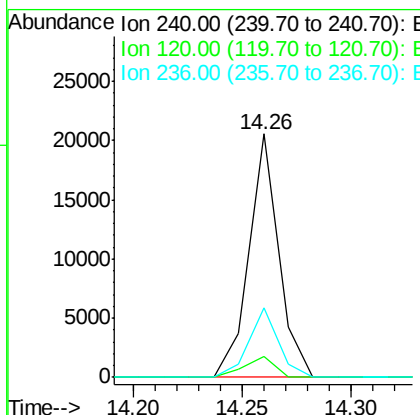
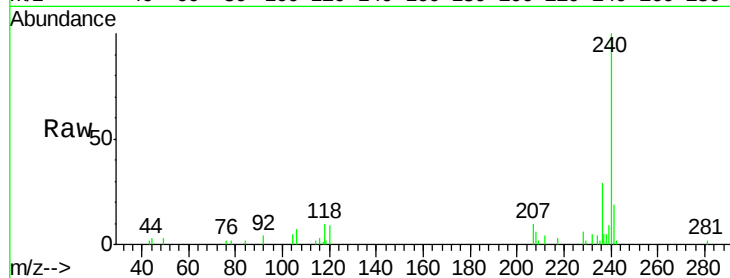
ClientSampleId :

DUMBO-EP-1

Tot Ion:	240	Resp:	19548
Ion Ratio	Lower	Upper	
240	100		
120	8.6	8.0	12.0
236	28.6	20.0	30.0

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#77

Pyrene

Concen: 11.14 ng

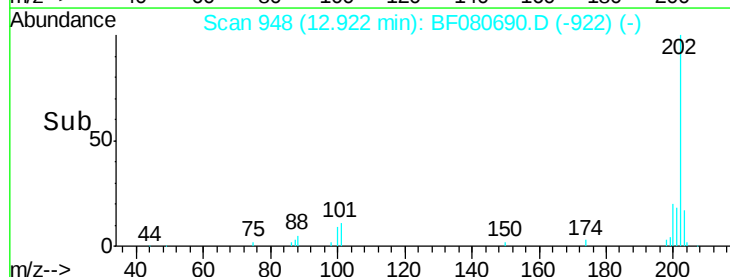
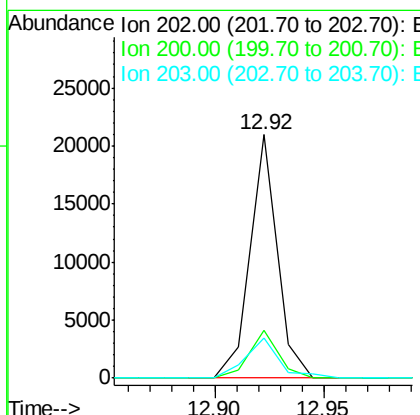
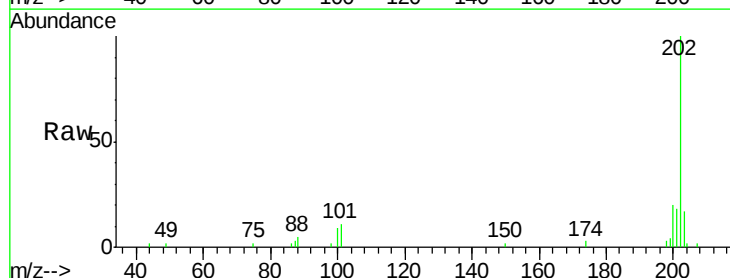
RT: 12.92 min Scan# 948

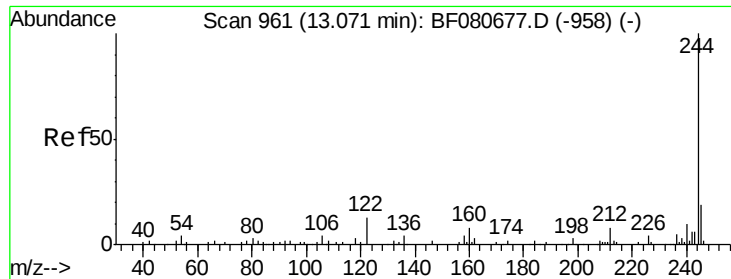
Delta R.T. 0.00 min

Lab File: BF080690.D

Acq: 28 Jul 2015 1:02

Tgt Ion:	202	Resp:	18239
Ion Ratio	Lower	Upper	
202	100		
200	19.7	16.3	24.5
203	16.5	13.4	20.2





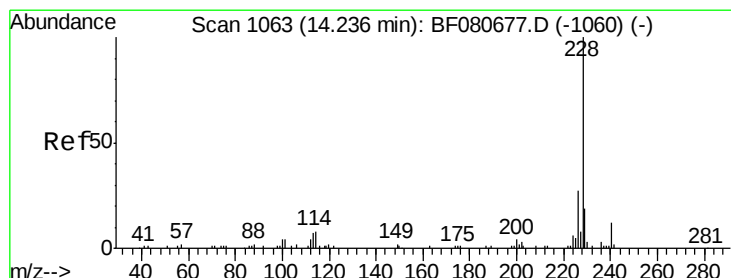
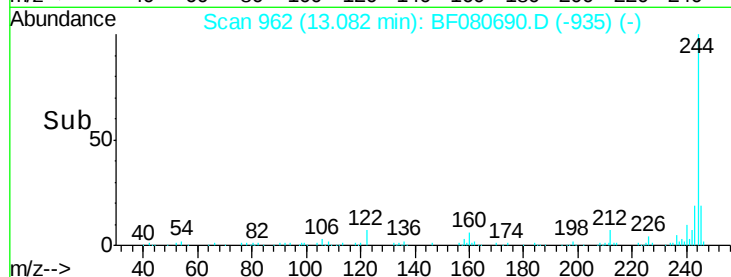
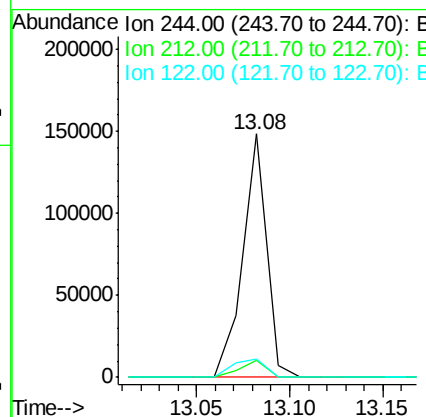
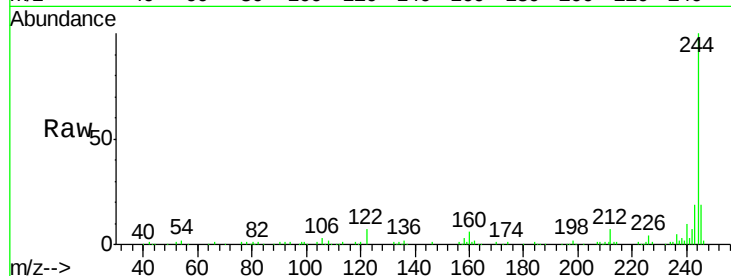
#78
 Terphenyl-d14
 Concen: 116.57 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF080690.D
 Acq: 28 Jul 2015 1:02

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-1

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	6.1	9.1
122	7.5	10.2	15.2#

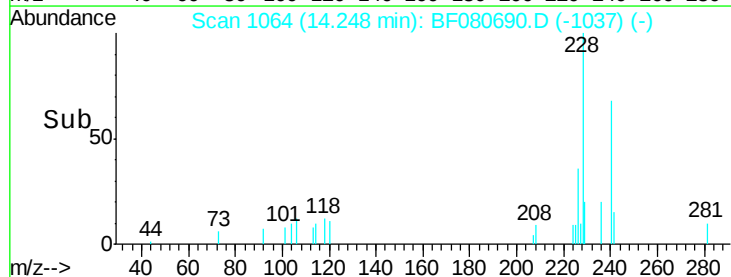
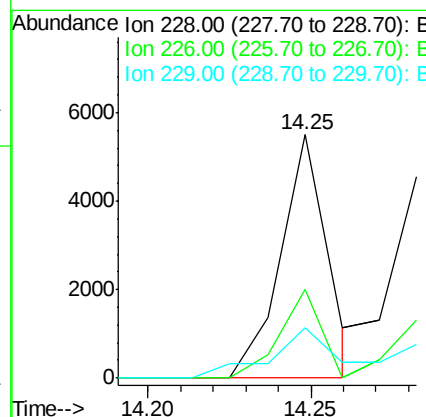
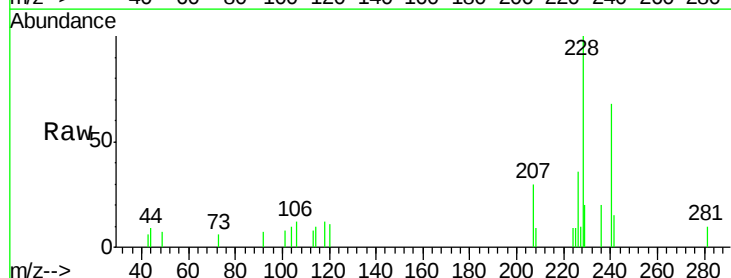
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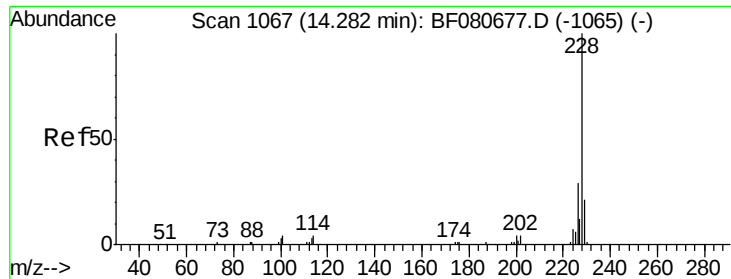
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#80
 Benzo(a)anthracene
 Concen: 4.85 ng
 RT: 14.25 min Scan# 1064
 Delta R.T. 0.01 min
 Lab File: BF080690.D
 Acq: 28 Jul 2015 1:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	36.4	21.8	32.6#
229	20.5	14.9	22.3





#82

Chrysene

Concen: 7.29 ng

RT: 14.29 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BF080690.D

Acq: 28 Jul 2015 1:02

Instrument :

BNA_F

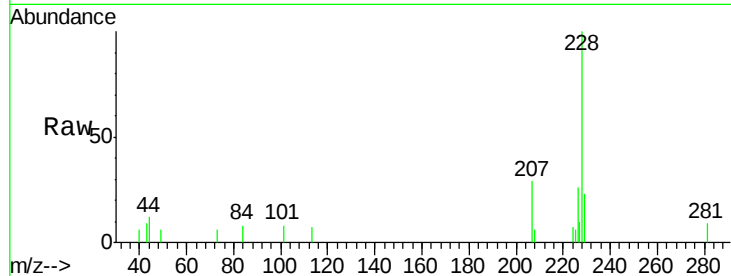
ClientSampleId :

DUMBO-EP-1

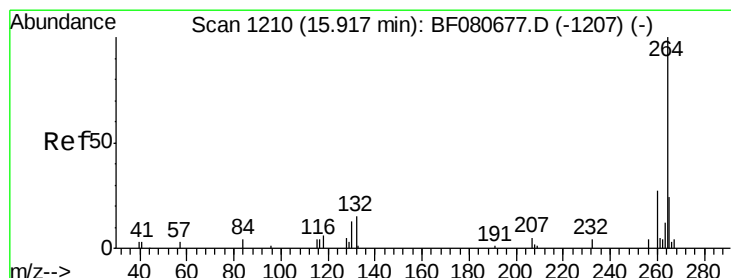
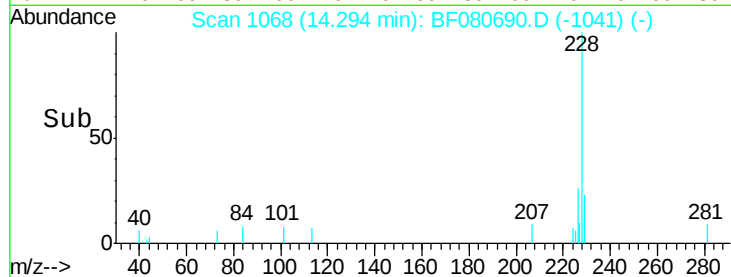
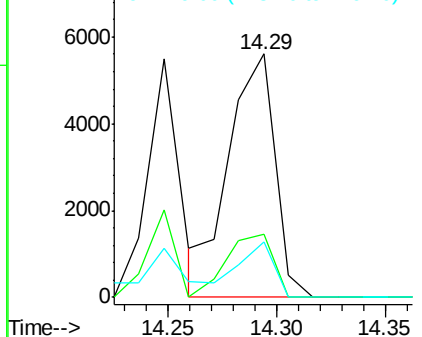
Tot Ion:	228	Resp:	8229
Ion Ratio	Lower	Upper	
228	100		
226	25.9	23.0	34.4
229	22.9	17.1	25.7

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



#86

Perylene-d12

Concen: 20.00 ng

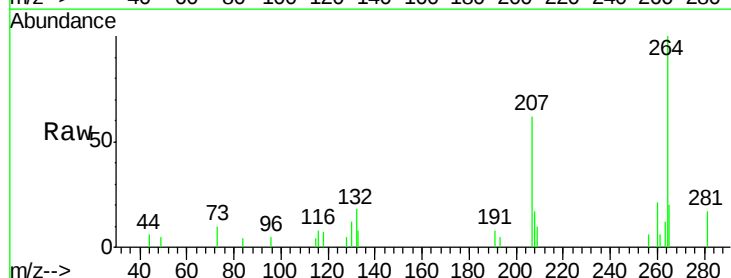
RT: 15.94 min Scan# 1212

Delta R.T. 0.02 min

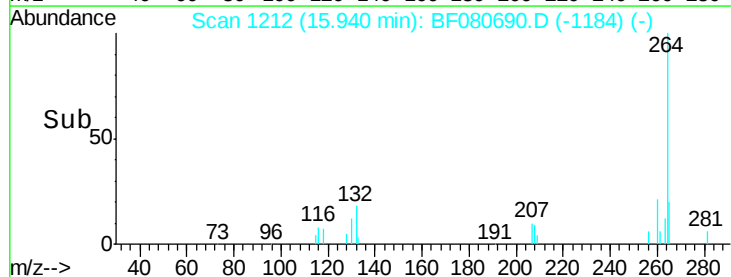
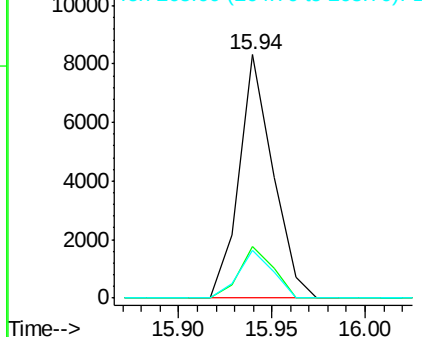
Lab File: BF080690.D

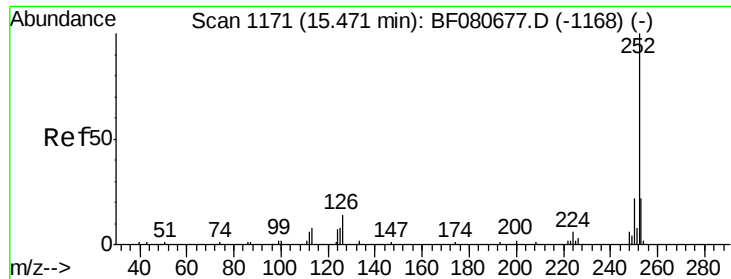
Acq: 28 Jul 2015 1:02

Tgt Ion:	264	Resp:	10516
Ion Ratio	Lower	Upper	
264	100		
260	21.0	21.6	32.4#
265	19.5	19.3	28.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.60 ng m

RT: 15.49 min Scan# 1173

Delta R.T. 0.02 min

Lab File: BF080690.D

Acq: 28 Jul 2015 1:02

Instrument :

BNA_F

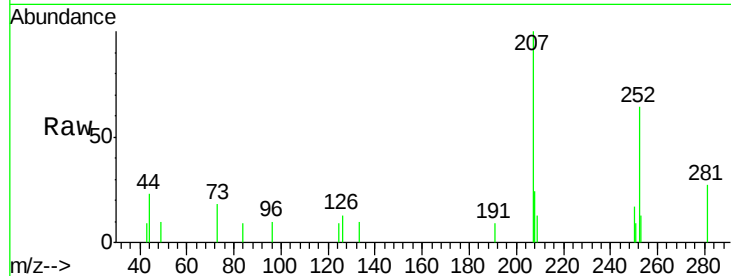
ClientSampleId :

DUMBO-EP-1

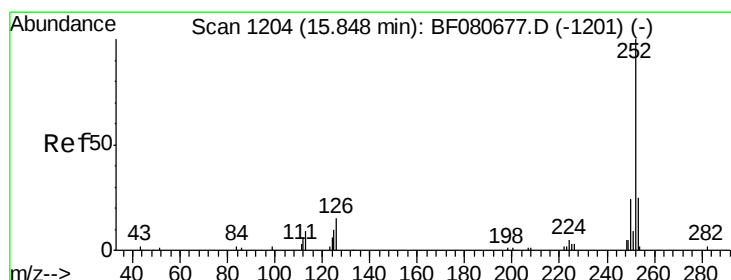
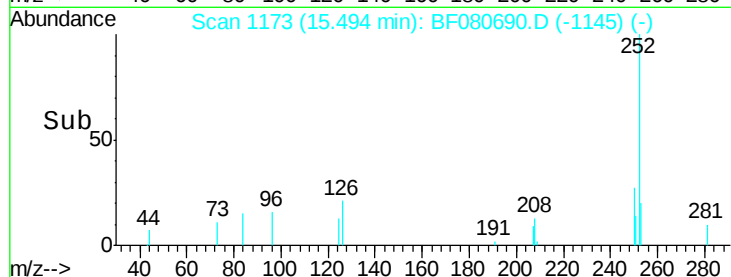
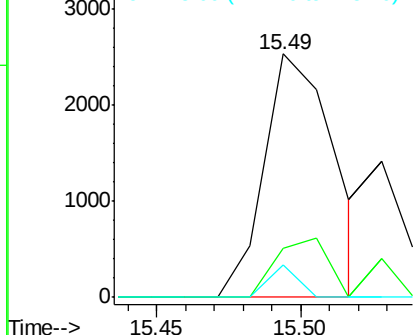
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.8	26.8
125	13.3	6.7	10.1

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 4.52 ng

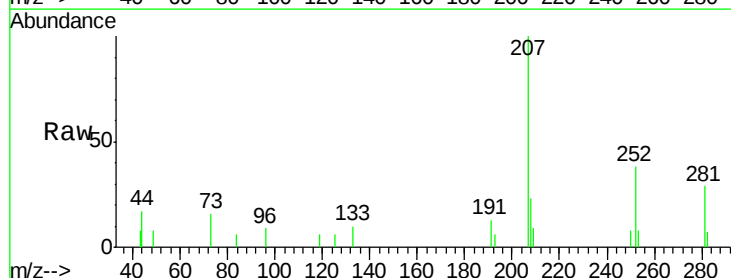
RT: 15.87 min Scan# 1206

Delta R.T. 0.02 min

Lab File: BF080690.D

Acq: 28 Jul 2015 1:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	20.2	30.2
125	15.5	8.4	12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

