

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080696.D
 Acq On : 28 Jul 2015 3:57
 Operator : TP/UM
 Sample : G3084-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-7

Manual Integrations
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Quant Time: Jul 28 10:36:29 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	31370	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	100335	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	34241	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	50853	20.00	ng	0.00
75) Chrysene-d12	14.19	240	26211	20.00	ng	-0.06
86) Perylene-d12	15.80	264	15707	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	288032	146.23	ng	0.01
7) Phenol-d6	6.53	99	314895	148.60	ng	0.00
23) Nitrobenzene-d5	7.48	82	211856	108.48	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	39597	132.13	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	272691	100.34	ng	0.00
78) Terphenyl-d14	13.06	244	137202	89.67	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.68	163	72478	32.56	ng	99
70) Phenanthrene	11.47	178	8134	2.80	ng	99
74) Fluoranthene	12.67	202	7932	3.48	ng	91
77) Pyrene	12.90	202	7343	3.35	ng	# 95
80) Benzo(a)anthracene	14.18	228	3183	2.10	ng	# 83

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

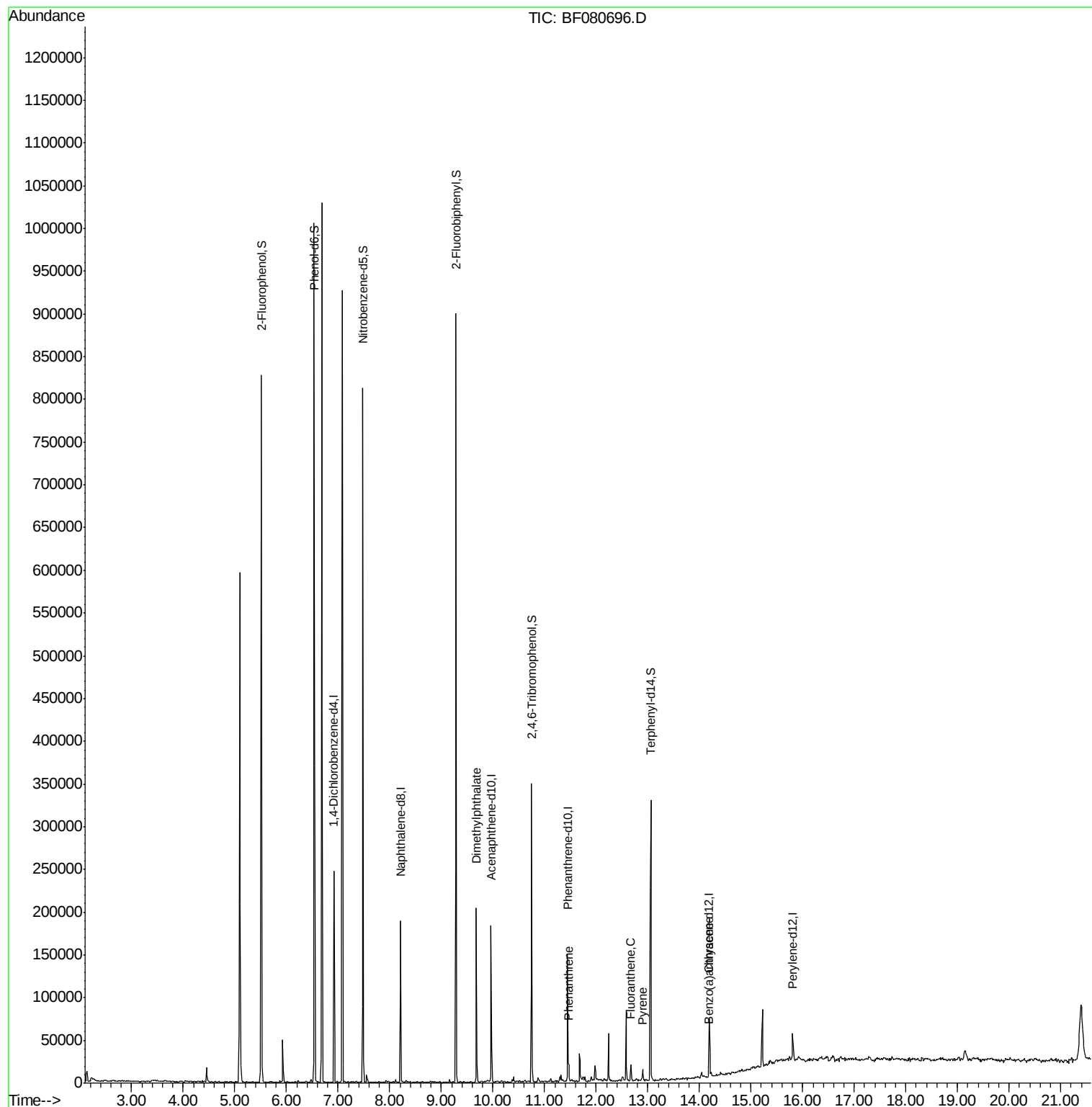
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080696.D
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Sample : G3084-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

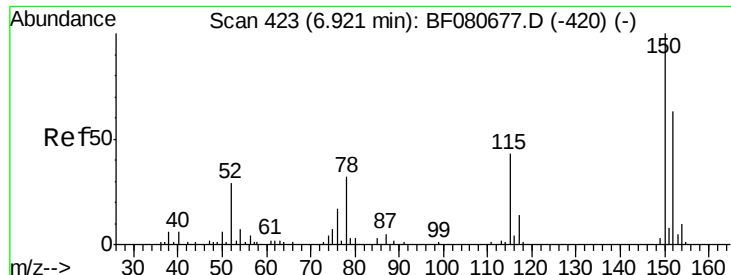
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QLast Update : Tue Jul 28 05:06:30 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF080696.D

Acq: 28 Jul 2015 3:57

Instrument :

BNA_F

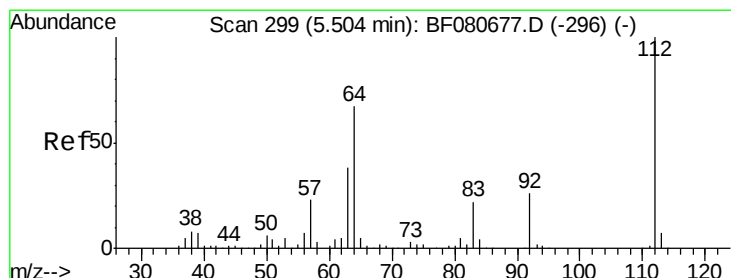
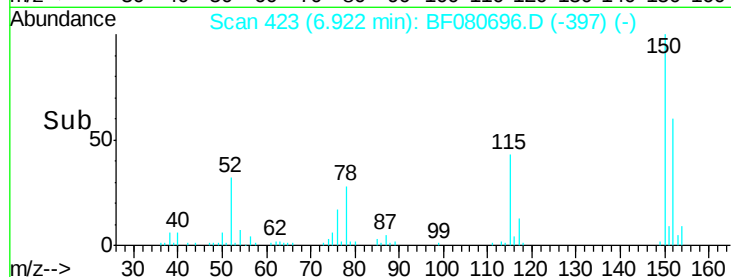
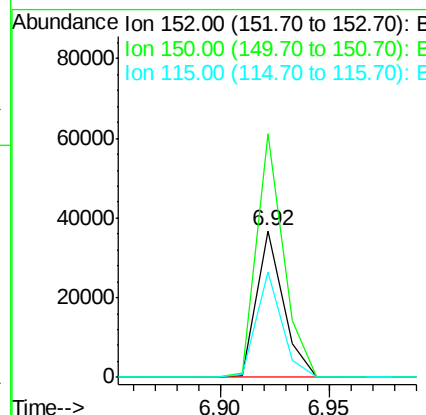
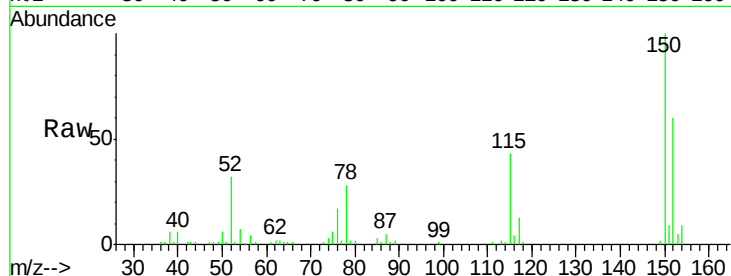
ClientSampleId :

DUMBO-EP-7

Tot Ion:	152	Resp:	31370
Ion Ratio	Lower	Upper	
152	100		
150	166.3	127.7	191.5
115	71.8	54.2	81.4

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#5

2-Fluorophenol

Concen: 146.23 ng

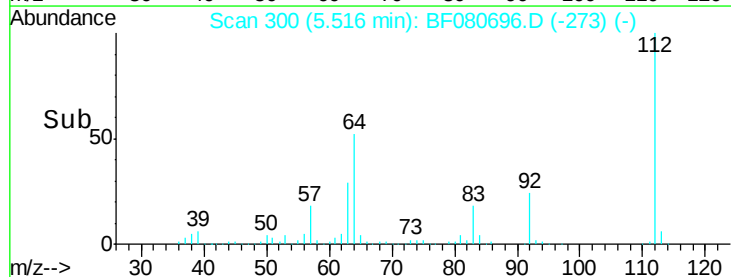
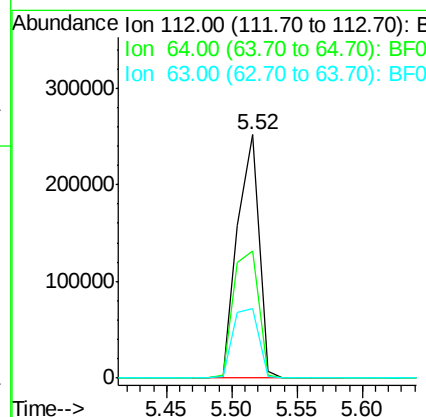
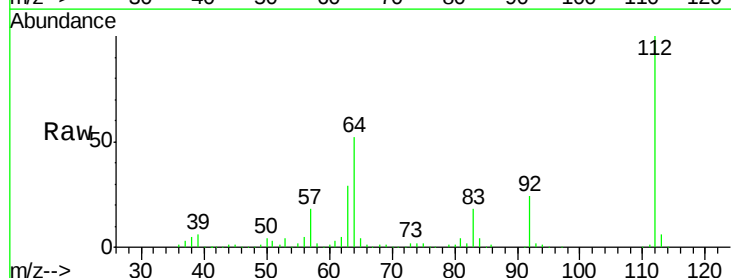
RT: 5.52 min Scan# 300

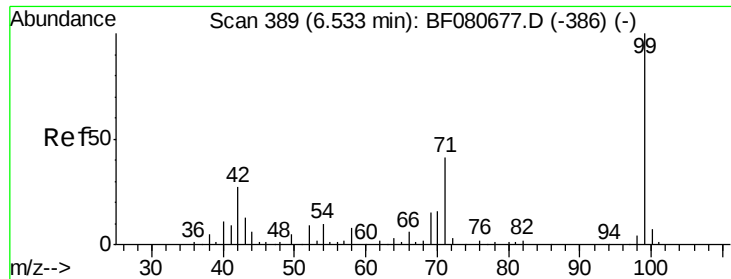
Delta R.T. 0.01 min

Lab File: BF080696.D

Acq: 28 Jul 2015 3:57

Tgt Ion:	112	Resp:	288032
Ion Ratio	Lower	Upper	
112	100		
64	52.2	53.2	79.8#
63	28.8	30.4	45.6#





#7

Phenol-d6

Concen: 148.60 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080696.D

Acq: 28 Jul 2015 3:57

Instrument :

BNA_F

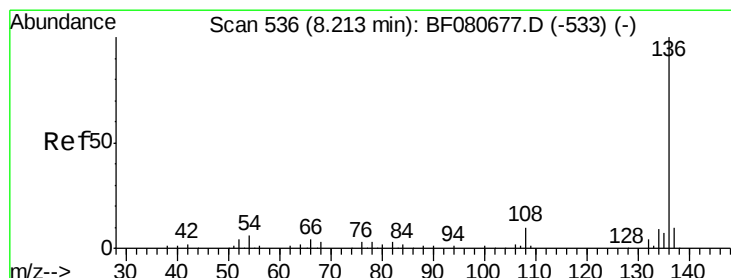
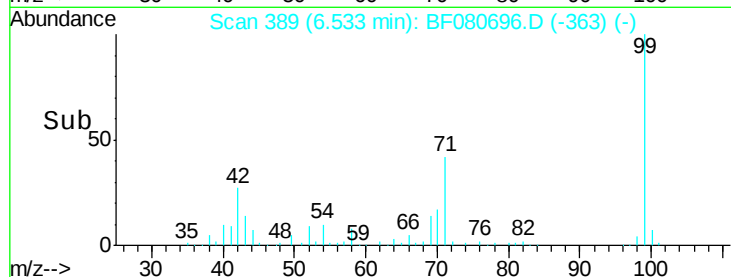
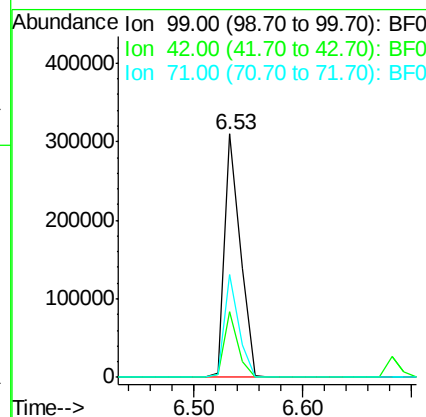
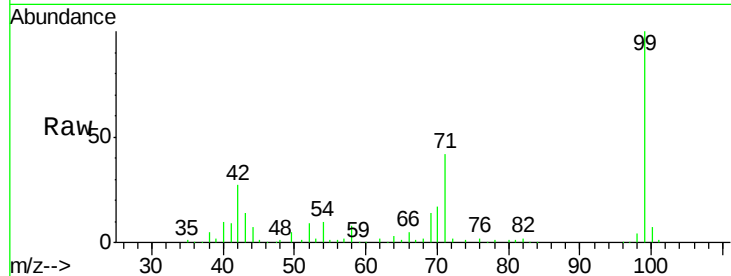
ClientSampleId :

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Tot Ion:	99	Resp:	314895
Ion Ratio	Lower	Upper	
99	100		
42	27.1	21.8	32.8
71	42.1	32.9	49.3

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#21

Naphthalene-d8

Concen: 20.00 ng

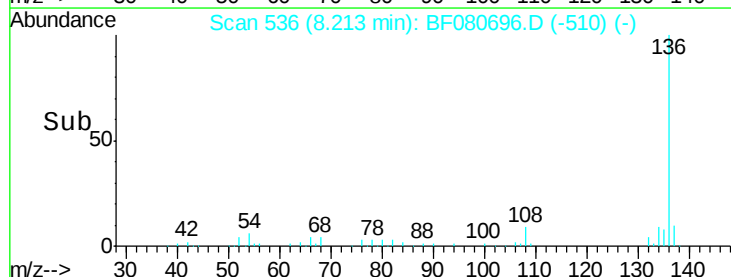
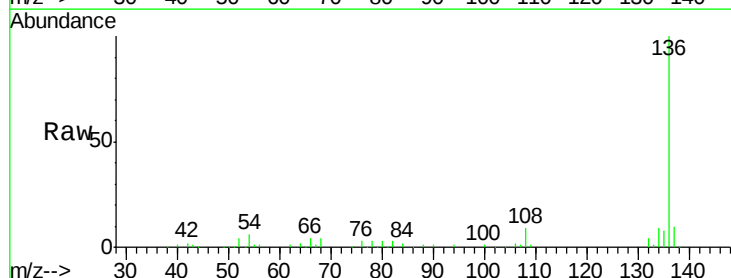
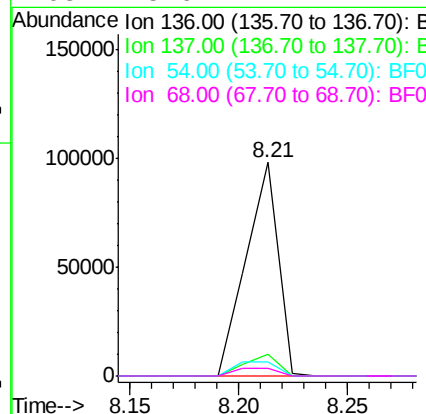
RT: 8.21 min Scan# 536

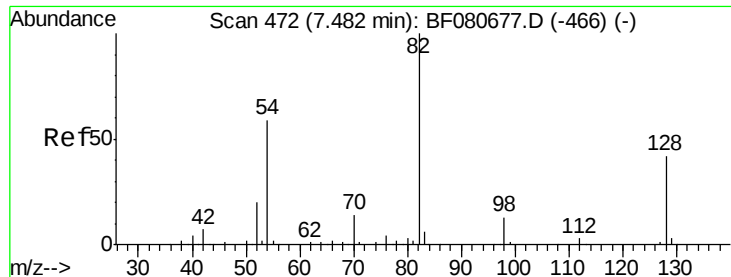
Delta R.T. 0.00 min

Lab File: BF080696.D

Acq: 28 Jul 2015 3:57

Tgt Ion:	136	Resp:	100335
Ion Ratio	Lower	Upper	
136	100		
137	9.9	8.2	12.2
54	6.5	5.0	7.4
68	3.6	2.7	4.1





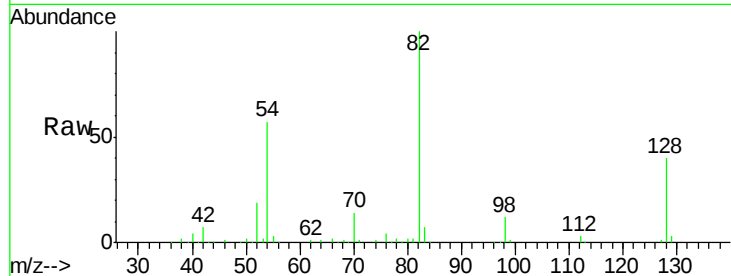
#23
 Nitrobenzene-d5
 Concen: 108.48 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF080696.D
 Acq: 28 Jul 2015 3:57

Instrument :
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 ClientSampleId :
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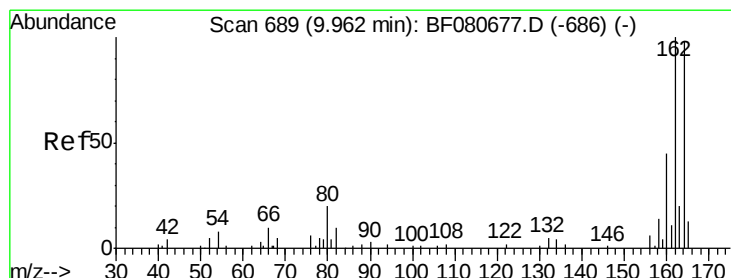
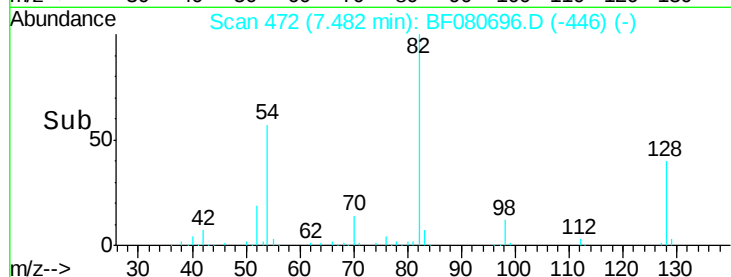
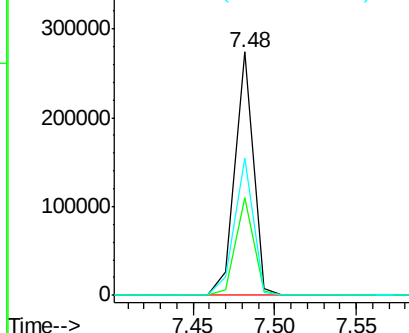
Tot Ion	82	Resp	211856
Ion Ratio	100	Lower	Upper
82	100		
128	39.9	33.7	50.5
54	56.6	47.3	70.9

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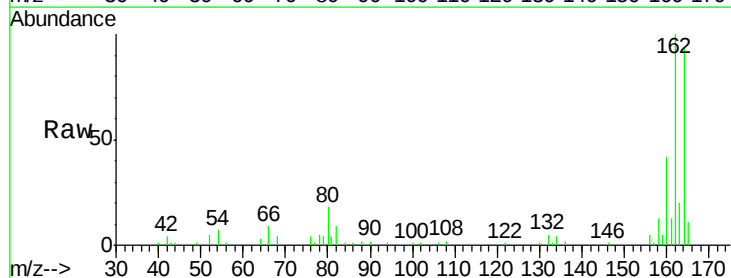


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

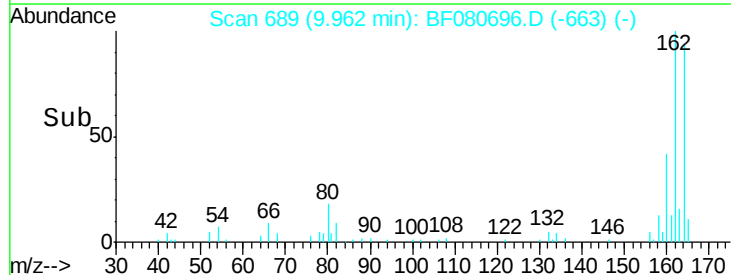
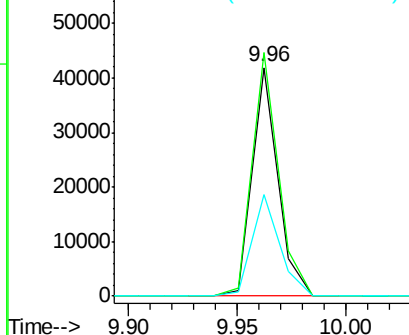


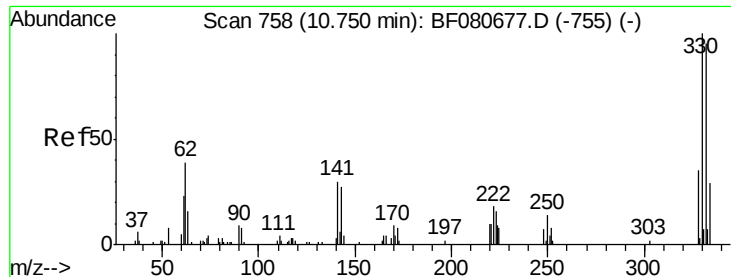
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF080696.D
 Acq: 28 Jul 2015 3:57

Tgt Ion	164	Resp	34241
Ion Ratio	100	Lower	Upper
164	100		
162	106.6	82.0	123.0
160	44.4	36.7	55.1



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B





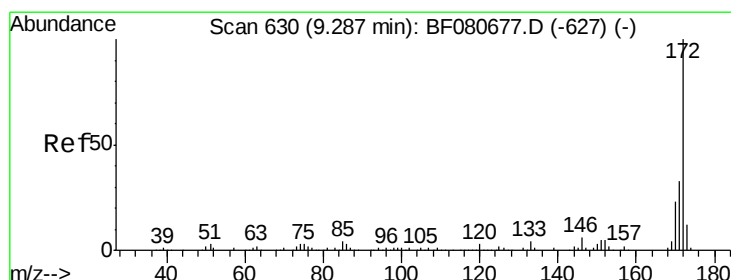
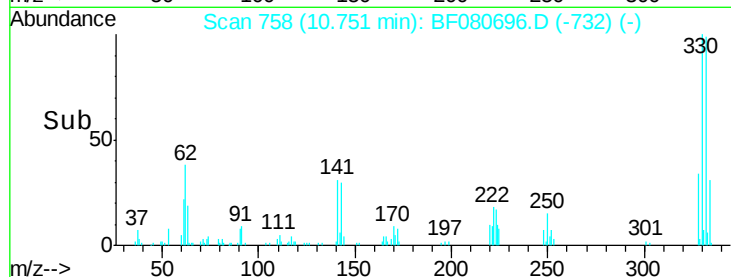
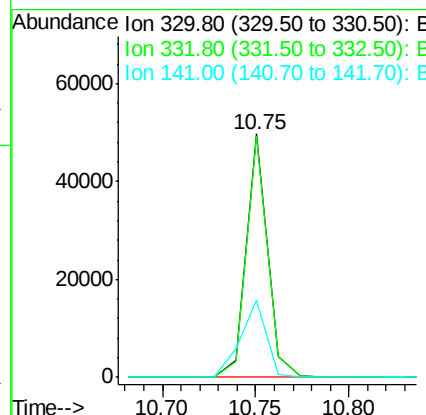
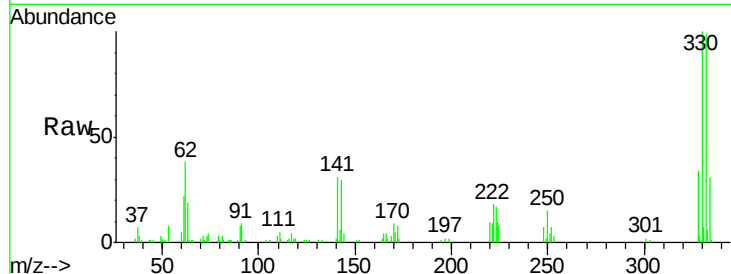
#41
 2,4,6-Tribromophenol
 Concen: 132.13 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF080696.D
 Acq: 28 Jul 2015 3:57

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Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.3	76.9	115.3	
141	38.0	30.6	45.8	

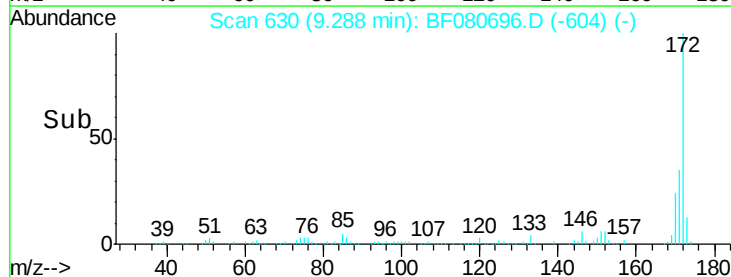
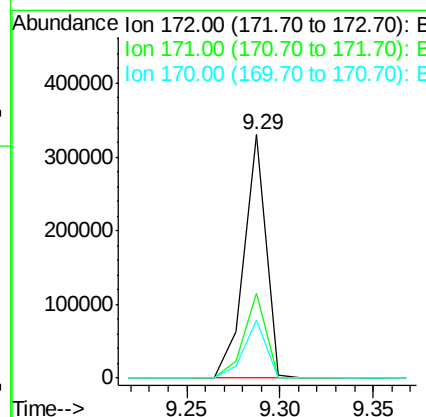
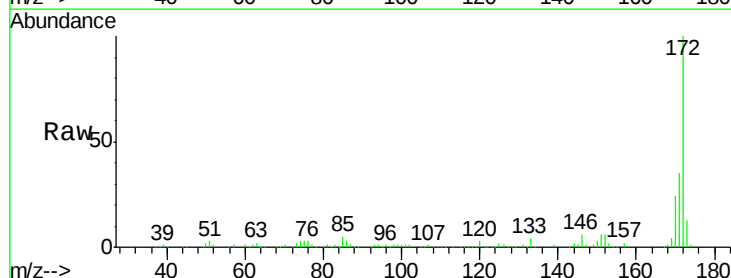
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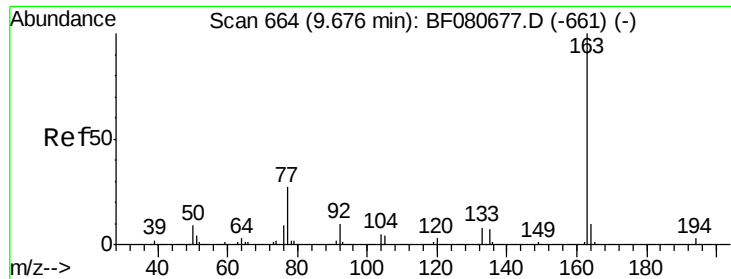
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#44
 2-Fluorobiphenyl
 Concen: 100.34 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080696.D
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Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	26.6	39.8	
170	23.6	18.6	28.0	





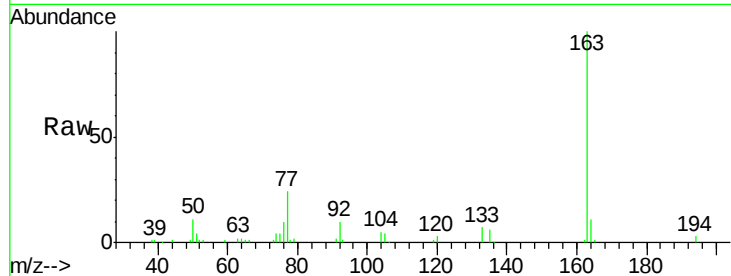
#49
Dimethylphthalate
Concen: 32.56 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF080696.D
Acq: 28 Jul 2015 3:57

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-7

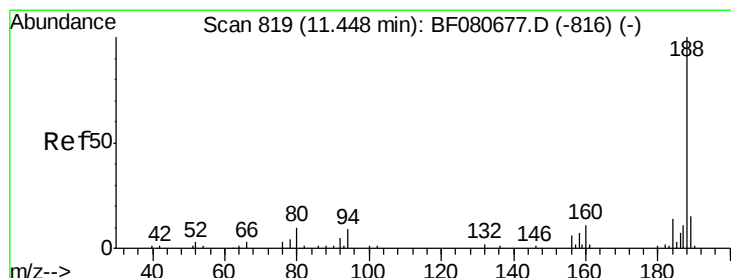
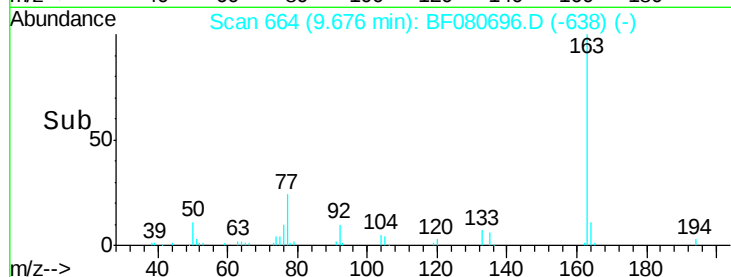
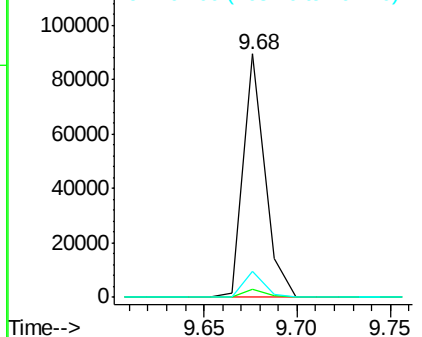
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		72478		
194	3.4		2.4	3.6	
164	10.6		8.1	12.1	

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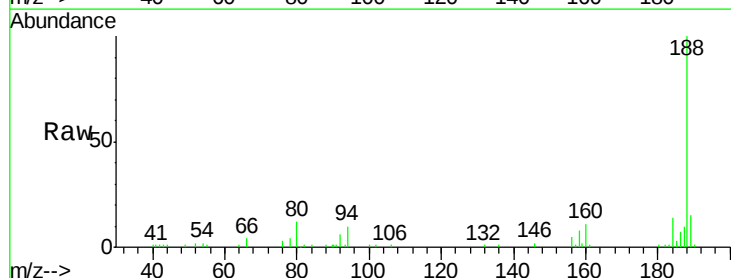


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

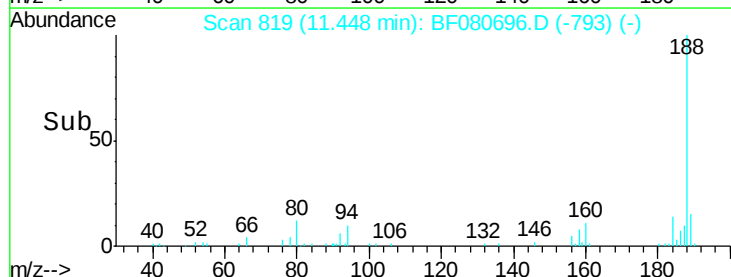
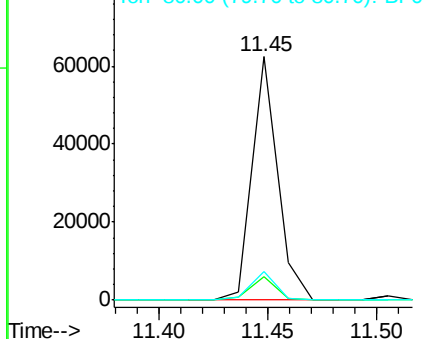


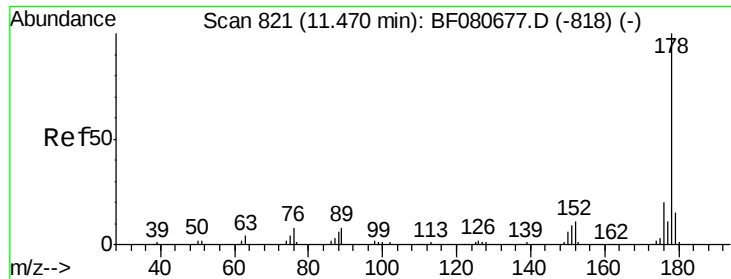
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF080696.D
Acq: 28 Jul 2015 3:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		50853		
94	9.9		7.2	10.8	
80	11.7		8.2	12.2	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





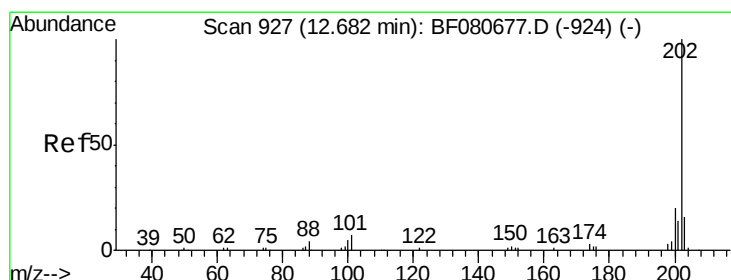
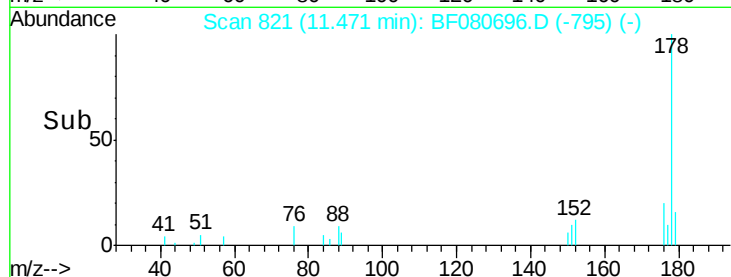
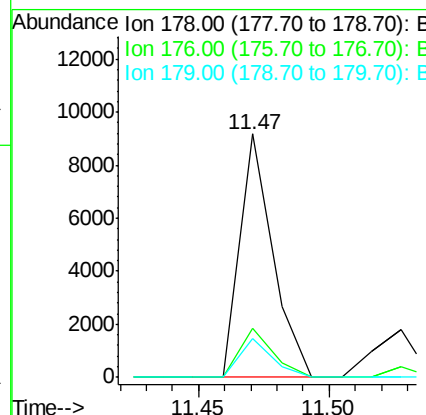
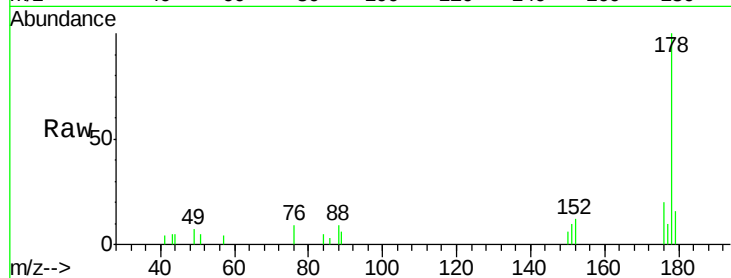
#70
Phenanthrene
Concen: 2.80 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF080696.D
Acq: 28 Jul 2015 3:57

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Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.6	23.4
179	15.7	12.3	18.5

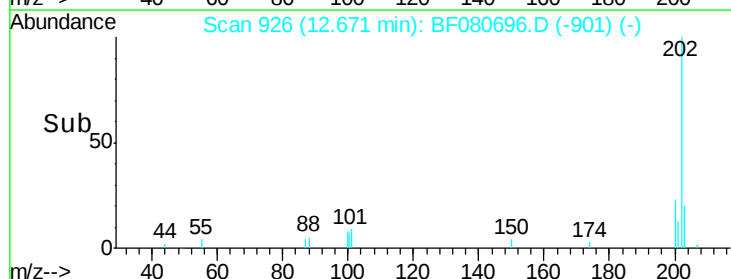
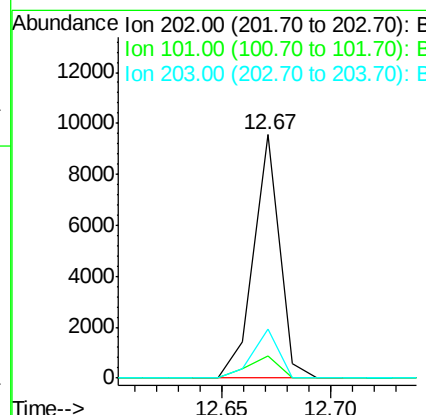
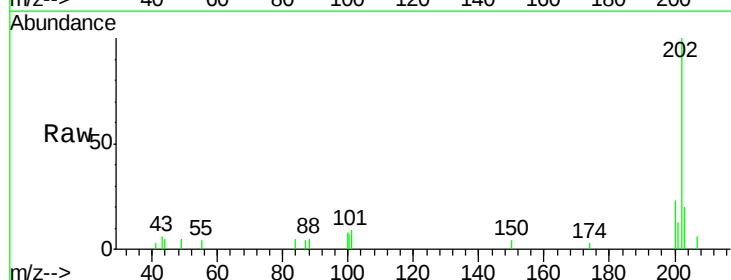
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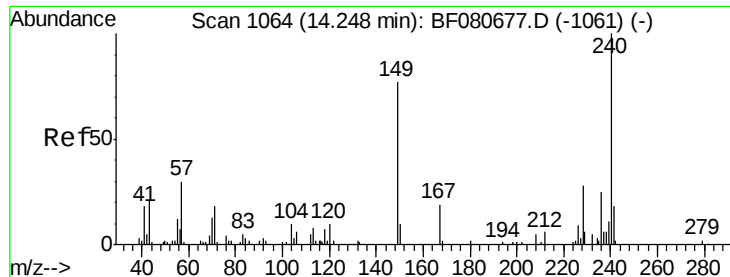
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#74
Fluoranthene
Concen: 3.48 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF080696.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	27.3
203	20.4	0.0	36.0





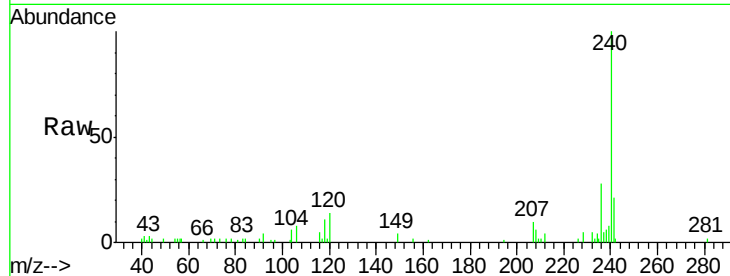
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1059
Delta R.T. -0.06 min
Lab File: BF080696.D
Acq: 28 Jul 2015 3:57

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-7

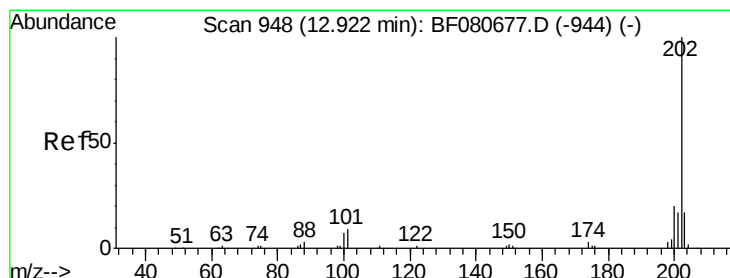
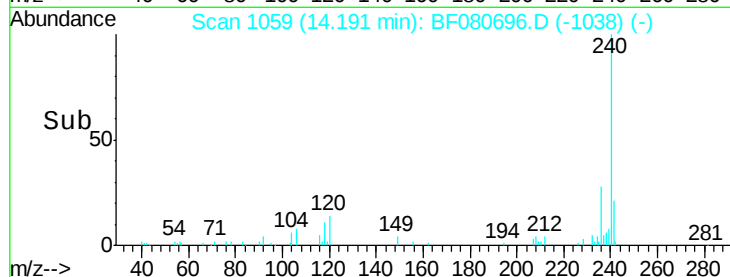
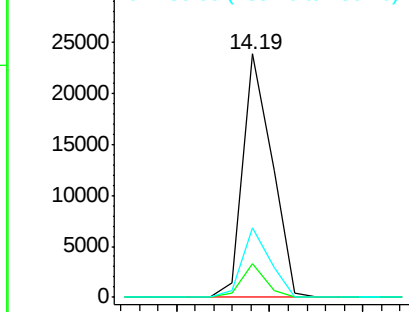
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	8.0	12.0#
236	28.4	20.0	30.0

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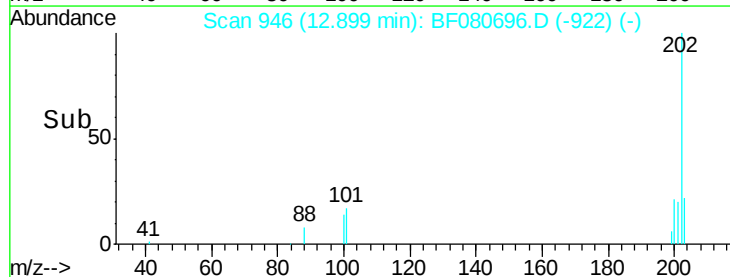
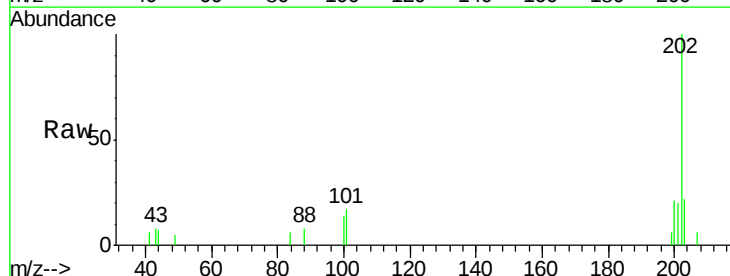
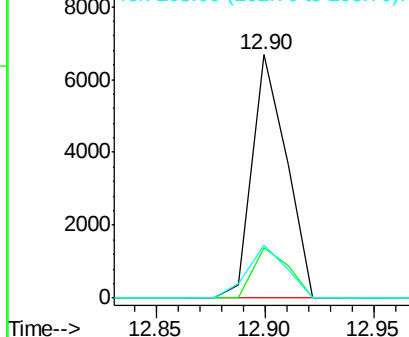
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

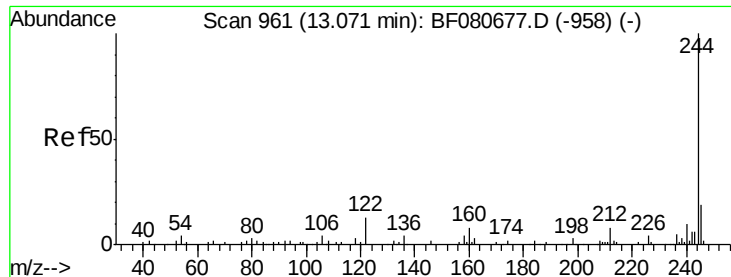


#77
Pyrene
Concen: 3.35 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF080696.D
Acq: 28 Jul 2015 3:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	21.5	13.4	20.2#

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





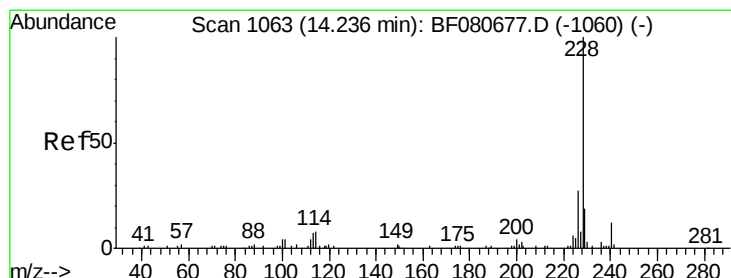
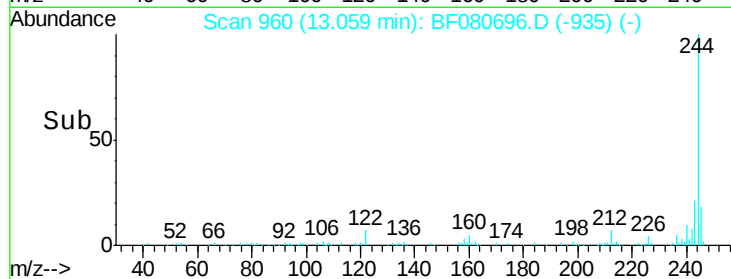
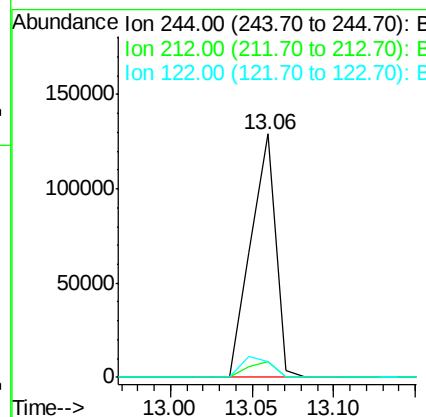
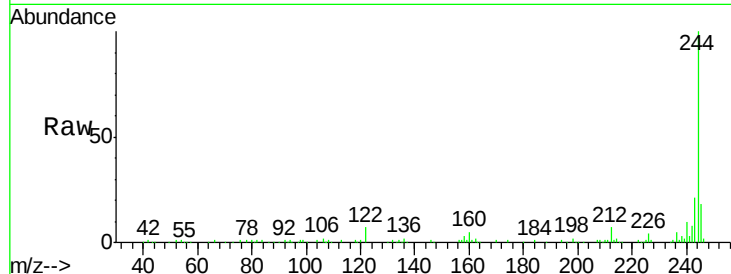
#78
 Terphenyl-d14
 Concen: 89.67 ng
 RT: 13.06 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF080696.D
 Acq: 28 Jul 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-7

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	6.6	10.2	15.2#

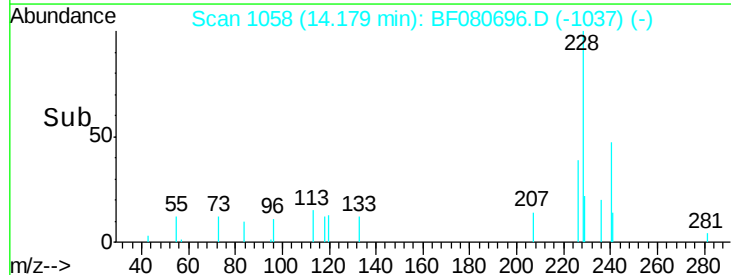
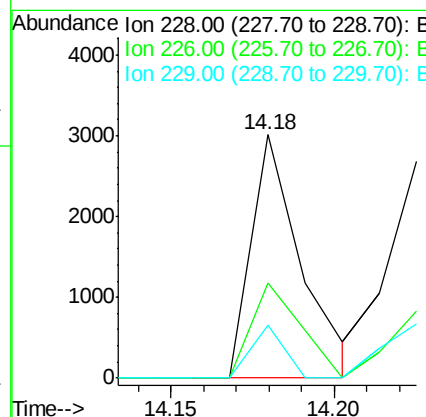
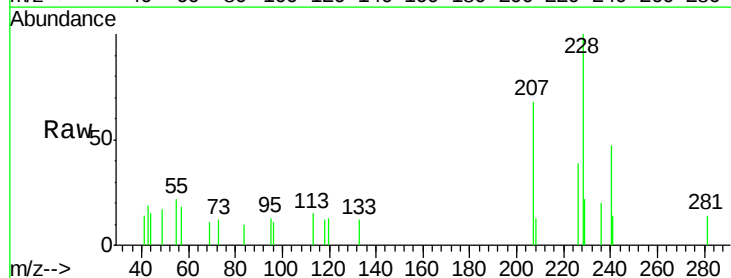
Manual Integrations
 APPROVED

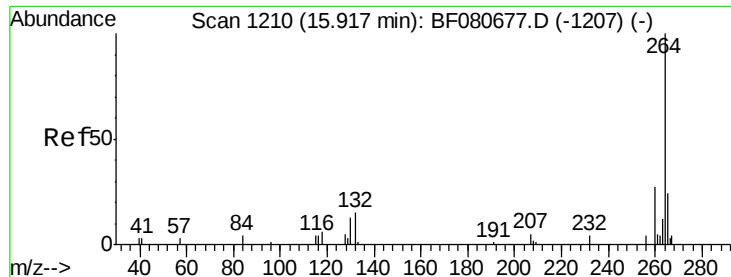
apatel
 7/29/2015 10:41:38 AM



#80
 Benzo(a)anthracene
 Concen: 2.10 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.06 min
 Lab File: BF080696.D
 Acq: 28 Jul 2015 3:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.1	21.8	32.6#
229	21.9	14.9	22.3





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.80 min Scan# 1200
Delta R.T. -0.11 min
Lab File: BF080696.D
Acq: 28 Jul 2015 3:57

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-7

Tot Ion:	264	Resp:	15707
Ion Ratio	Lower	Upper	
264	100		
260	28.3	21.6	32.4
265	26.5	19.3	28.9

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:38 AM

