

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080396.D
 Acq On : 8 Jul 2015 19:20
 Operator : TP/UM
 Sample : G2866-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.5-7.0-070115

Manual Integrations
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Quant Time: Jul 09 02:08:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 00:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	40291	20.00	ng	0.00
21) Naphthalene-d8	8.50	136	113998	20.00	ng	0.00
38) Acenaphthene-d10	10.27	164	75521	20.00	ng	0.00
63) Phenanthrene-d10	11.77	188	157661	20.00	ng	-0.01
75) Chrysene-d12	14.69	240	165382	20.00	ng	-0.15
86) Perylene-d12	16.51	264	161382	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	236188	107.36	ng	0.00
7) Phenol-d6	6.82	99	326540	111.98	ng	0.00
23) Nitrobenzene-d5	7.77	82	269930	138.11	ng	0.00
41) 2,4,6-Tribromophenol	11.06	330	83010	105.05	ng	0.00
44) 2-Fluorobiphenyl	9.58	172	327138	58.46	ng	0.01
78) Terphenyl-d14	13.44	244	455722	64.27	ng	-0.08
Target Compounds						
37) 2-Methylnaphthalene	9.23	142	164846	44.22	ng	# 96
57) Fluorene	10.82	166	16245	2.61	ng	# 75
70) Phenanthrene	11.79	178	39694	4.20	ng	96
74) Fluoranthene	13.05	202	33954	3.34	ng	95
77) Pyrene	13.30	202	36064	3.61	ng	99
80) Benzo(a)anthracene	14.67	228	23616	2.37	ng	96
82) Chrysene	14.72	228	22399	2.40	ng	95
83) Bis(2-ethylhexyl)phthalate	14.66	149	14386	2.36	ng	98

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

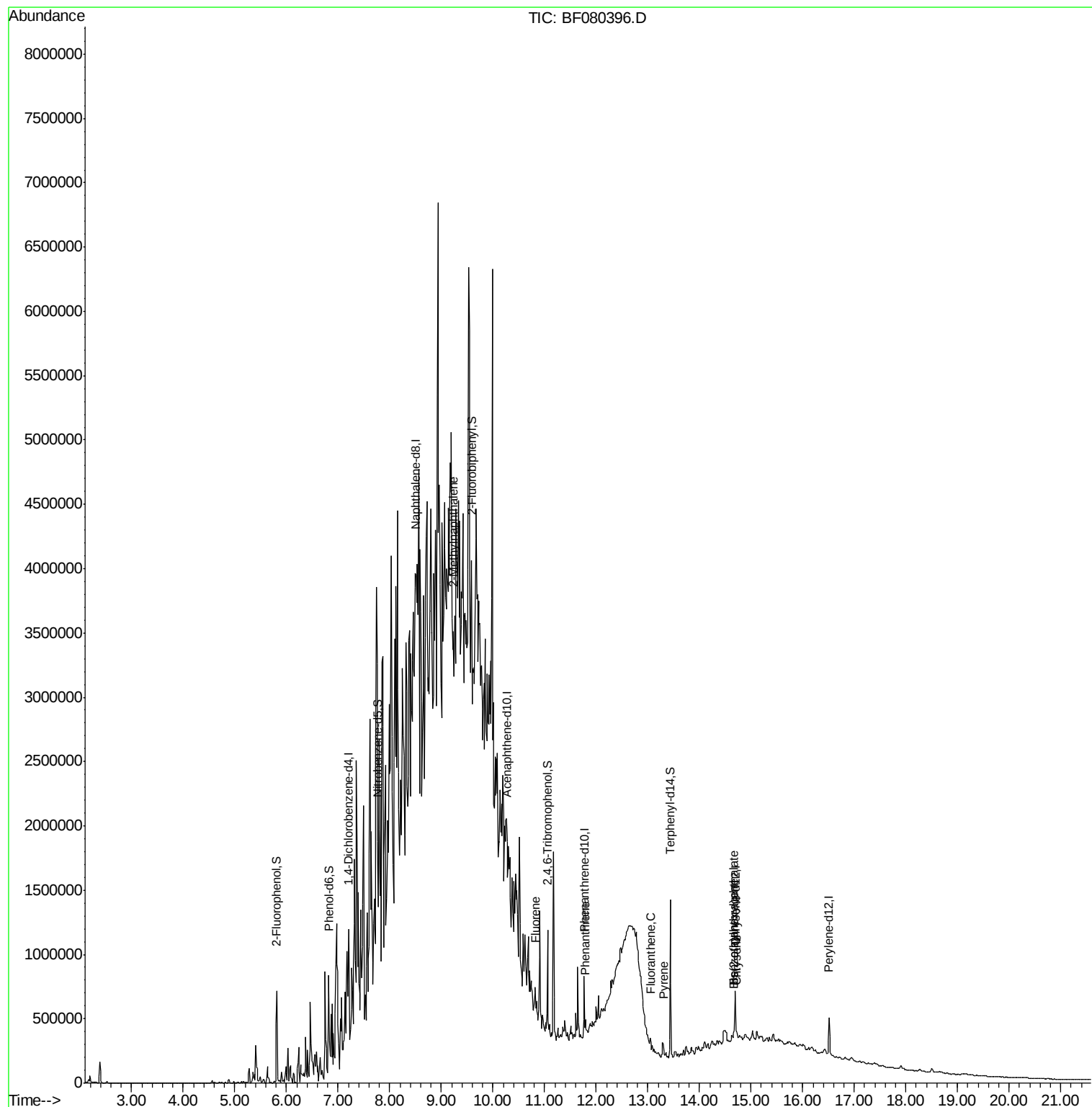
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080396.D
Acq On : 8 Jul 2015 19:20
Operator : TP/UM
Sample : G2866-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

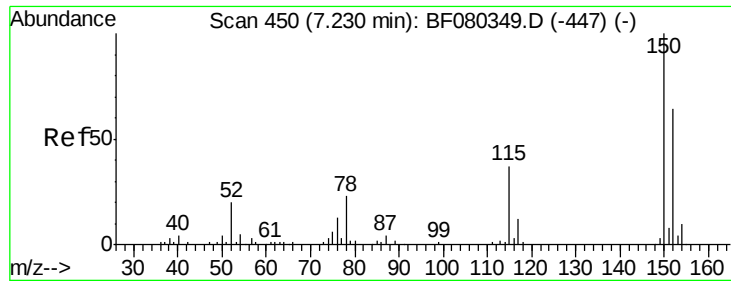
Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115

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Quant Time: Jul 09 02:08:00 2015
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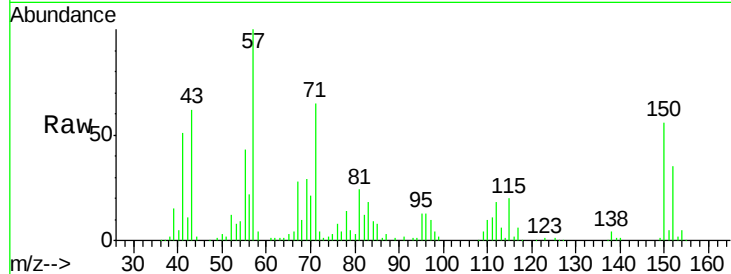




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

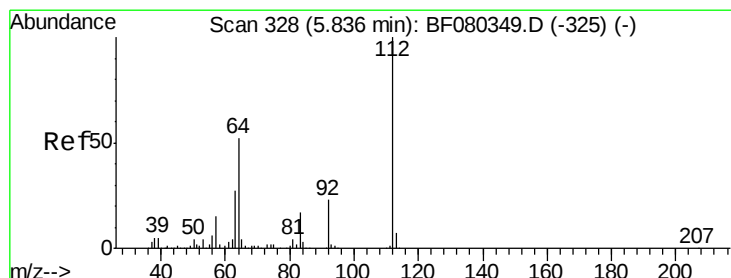
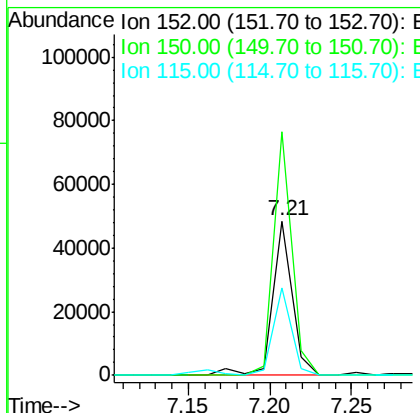
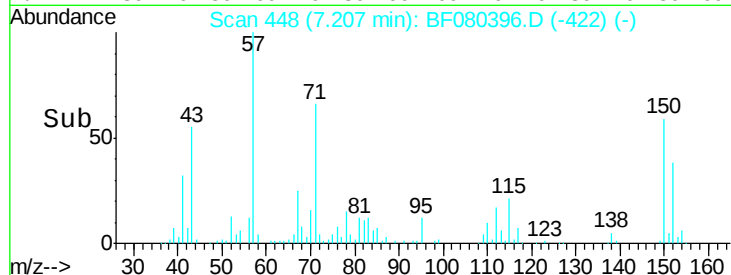
Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.7	187.1
115	56.7	45.7	68.5

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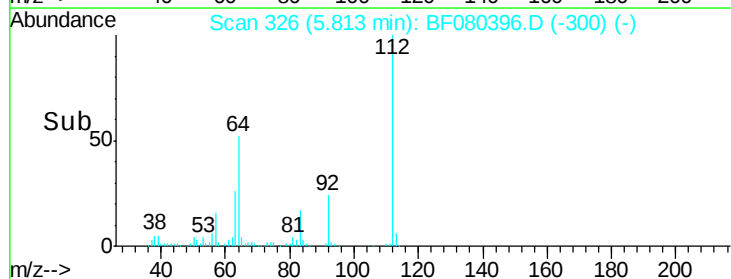
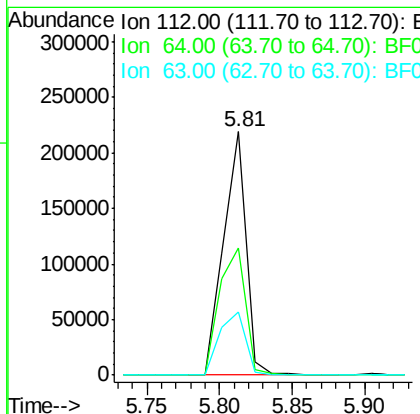
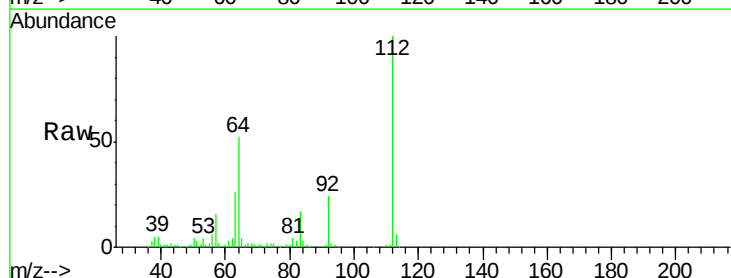
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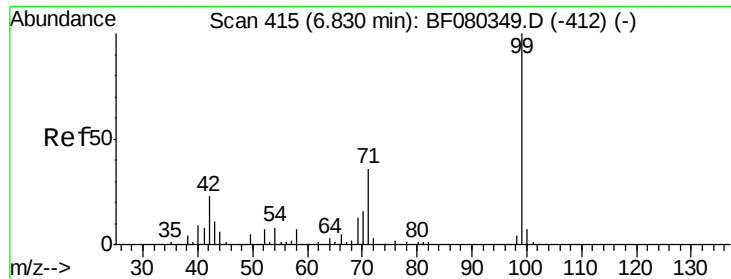


#5

2-Fluorophenol
Concen: 107.36 ng
RT: 5.81 min Scan# 326
Delta R.T. 0.00 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.8	62.6
63	26.1	21.5	32.3





#7

Phenol-d6

Concen: 111.98 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0-070115

Tgt Ion: 99 Resp: 326540
Ion Ratio Lower Upper

99 100

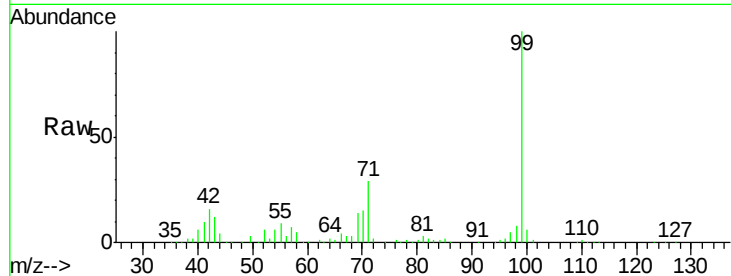
42 15.5 18.5 27.7#

71 28.6 28.5 42.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

300000

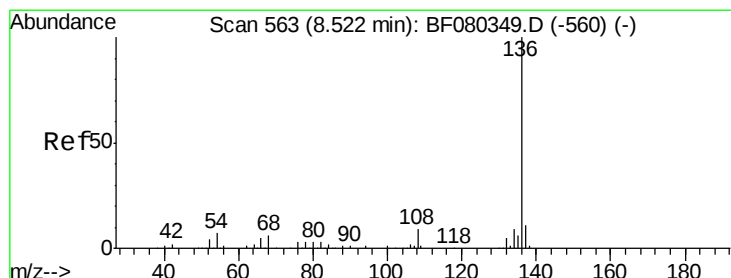
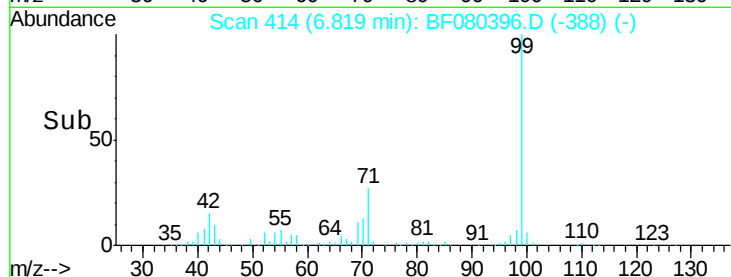
200000

100000

0

6.82

Time--> 6.70 6.80 6.90



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.50 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Tgt Ion: 136 Resp: 113998
Ion Ratio Lower Upper

136 100

137 31.4 8.5 12.7#

54 44.9 5.8 8.8#

68 60.9 4.6 6.8#

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

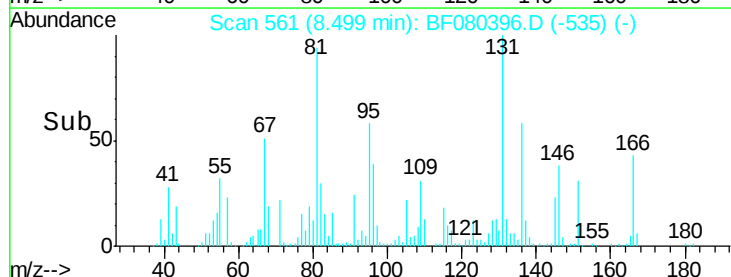
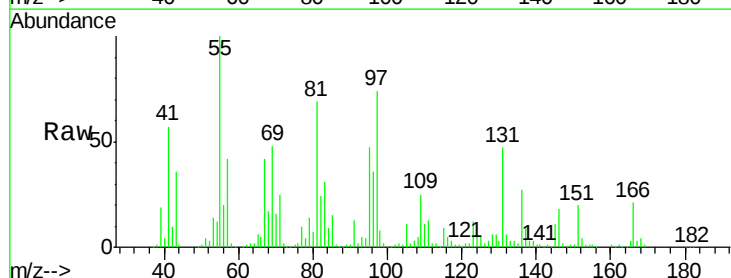
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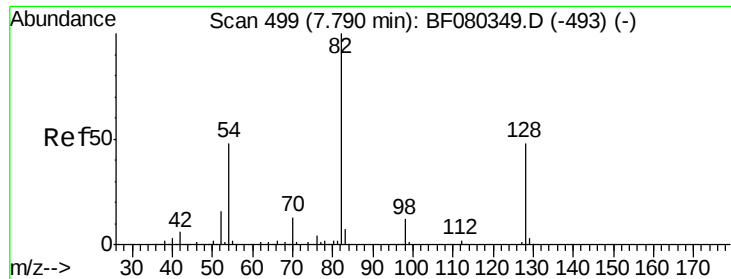
50000

0

8.50

Time--> 8.45 8.50 8.55





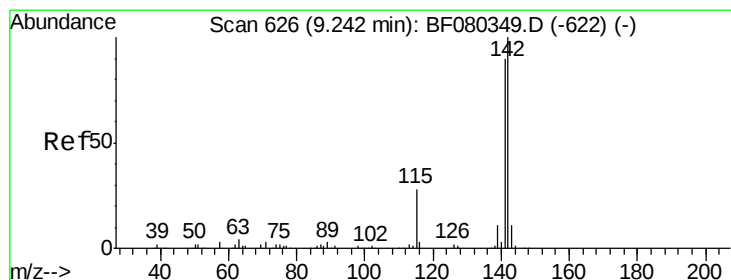
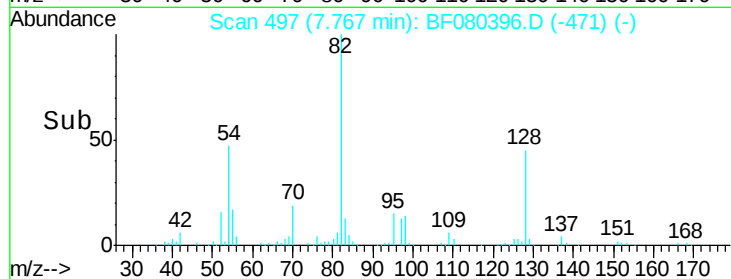
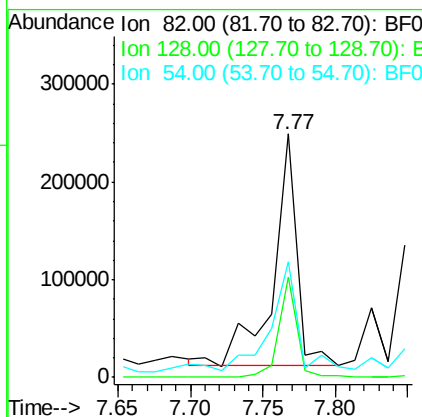
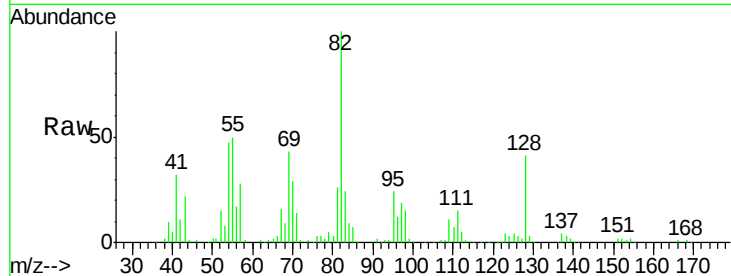
#23
 Nitrobenzene-d5
 Concen: 138.11 ng
 RT: 7.77 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF080396.D
 Acq: 8 Jul 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.5-7.0-070115

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	269930		
128	41.1	38.4	57.6	
54	47.5	38.2	57.2	

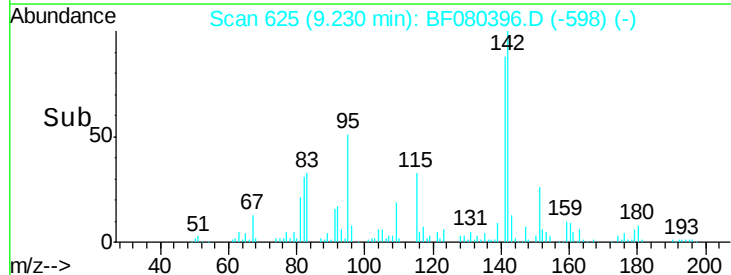
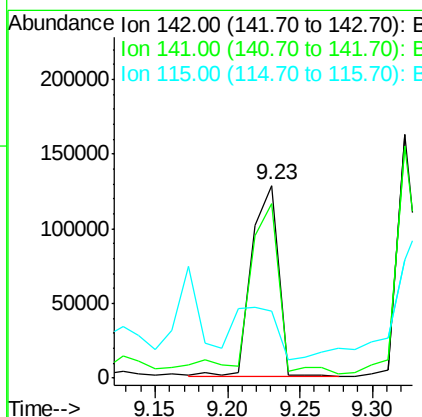
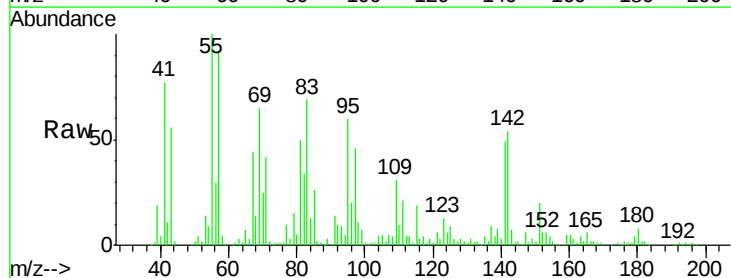
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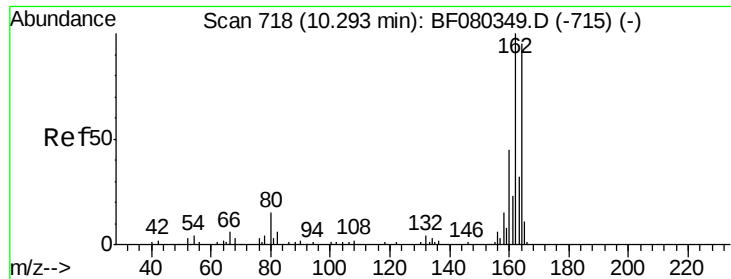
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#37
 2-Methylnaphthalene
 Concen: 44.22 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF080396.D
 Acq: 8 Jul 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	164846		
141	90.8	71.8	107.8	
115	34.7	22.6	34.0	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF080396.D

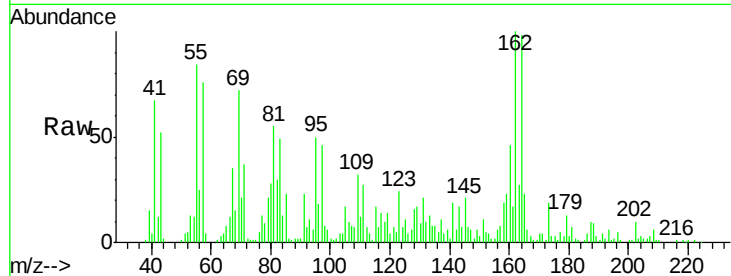
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Instrument :

BNA_F

ClientSampleId :

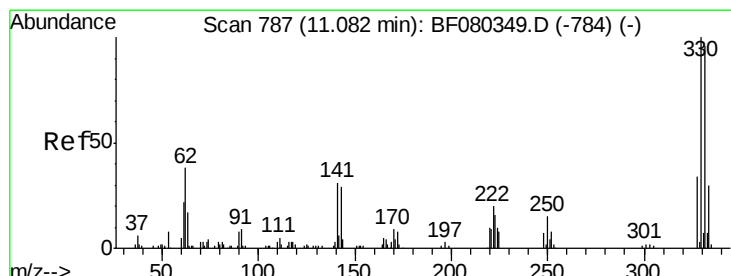
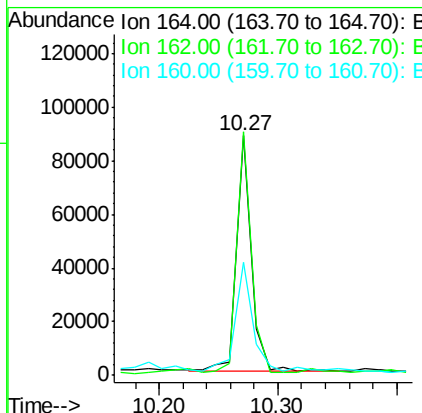
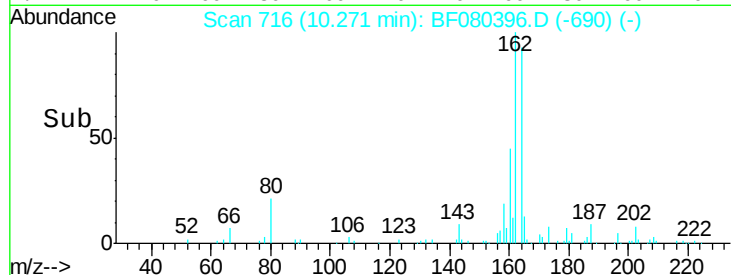
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Tgt Ion:	164	Resp:	75521
Ion Ratio	Lower	Upper	
164	100		
162	101.6	84.5	126.7
160	47.0	37.7	56.5

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#41

2,4,6-Tribromophenol

Concen: 105.05 ng

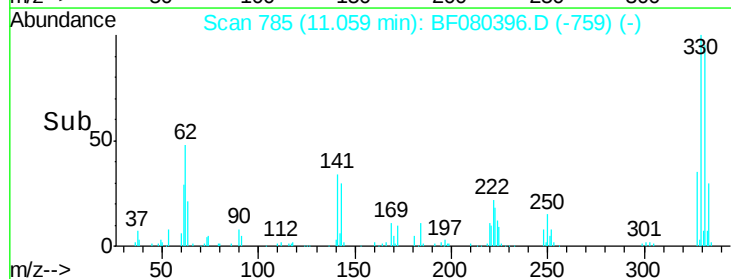
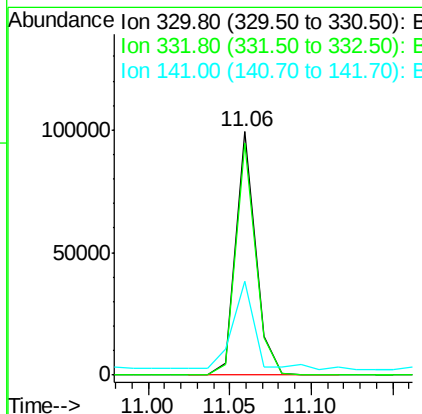
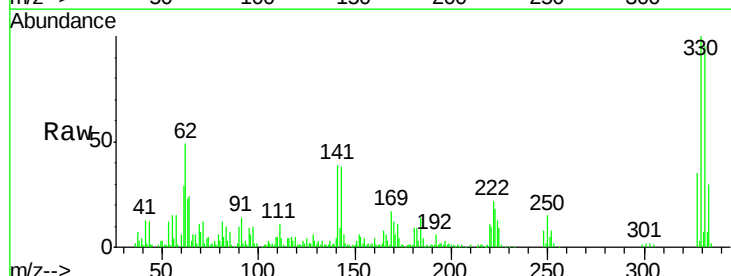
RT: 11.06 min Scan# 785

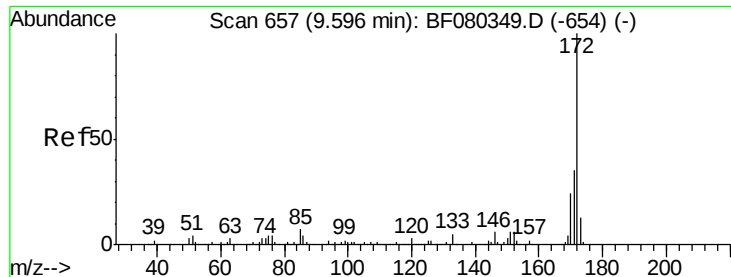
Delta R.T. 0.00 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Tgt Ion:	330	Resp:	83010
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.0	115.4
141	38.4	29.6	44.4





#44

2-Fluorobiphenyl

Concen: 58.46 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

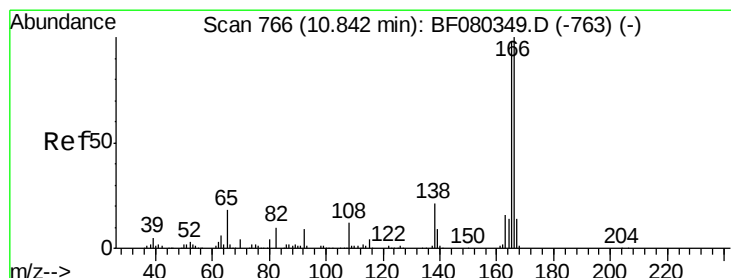
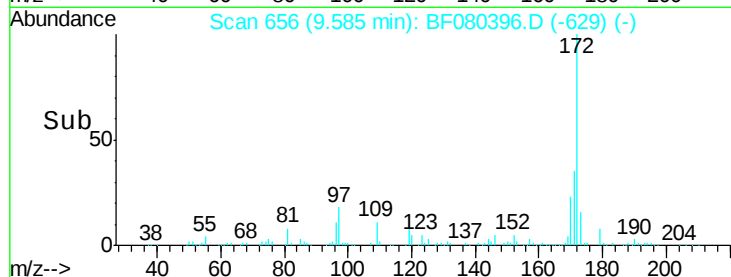
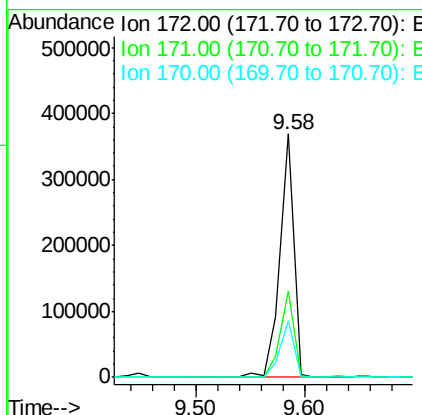
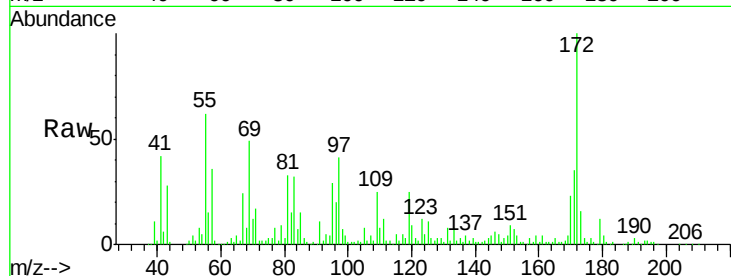
ClientSampleId :

SB-02-6.5-7.0-070115

Tgt Ion:	172	Resp:	327138
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.3	42.5
170	23.4	19.1	28.7

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#57

Fluorene

Concen: 2.61 ng

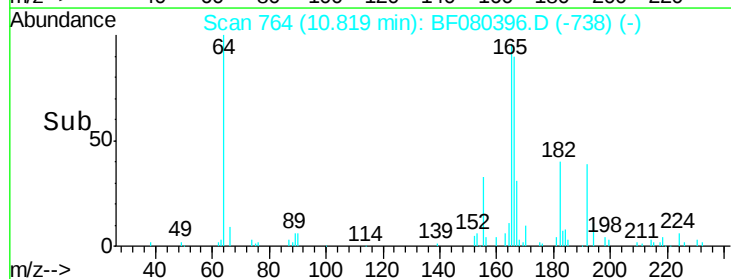
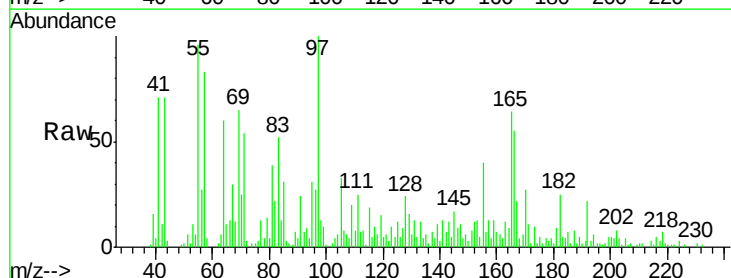
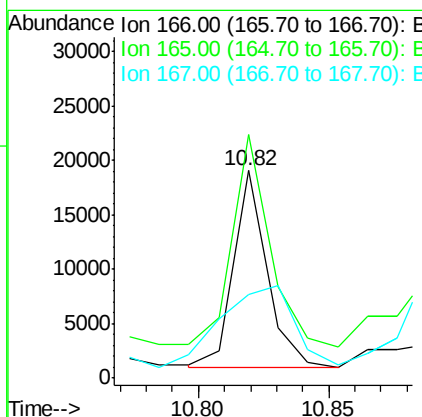
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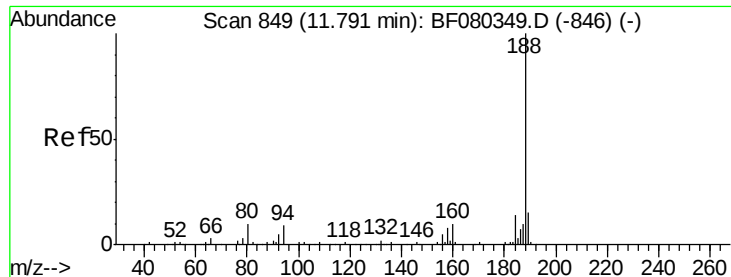
Delta R.T. 0.00 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Tgt Ion:	166	Resp:	16245
Ion Ratio	Lower	Upper	
166	100		
165	117.4	78.6	117.8
167	40.5	10.8	16.2#





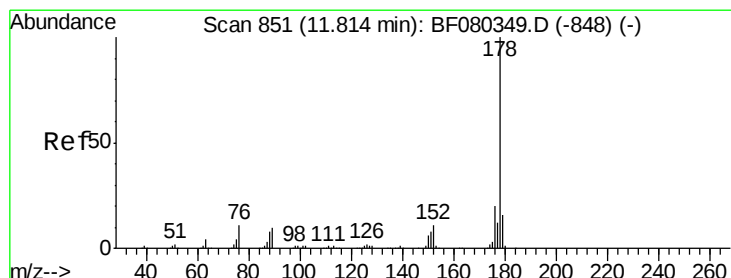
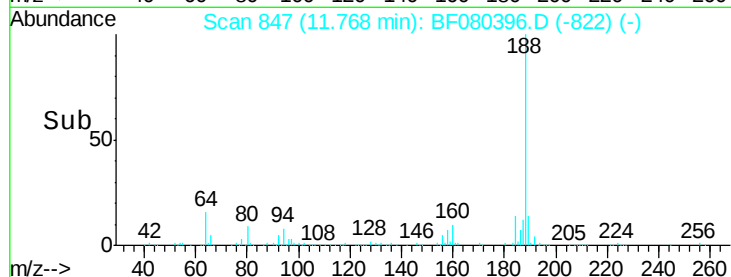
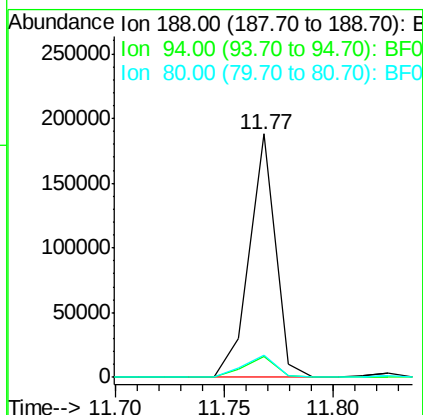
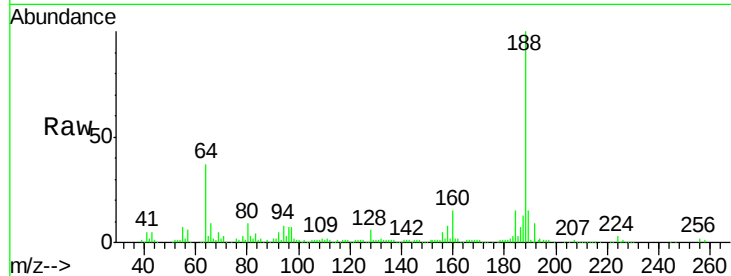
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.77 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	157661		
94	8.4	7.5	11.3	
80	9.3	8.3	12.5	

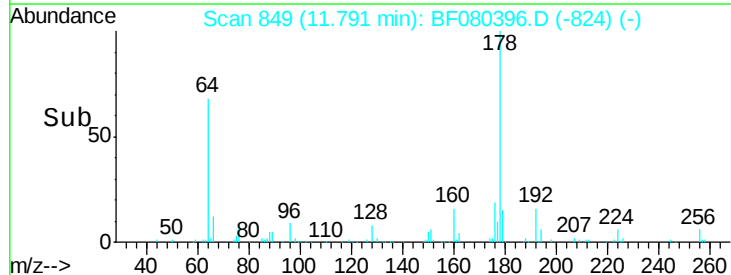
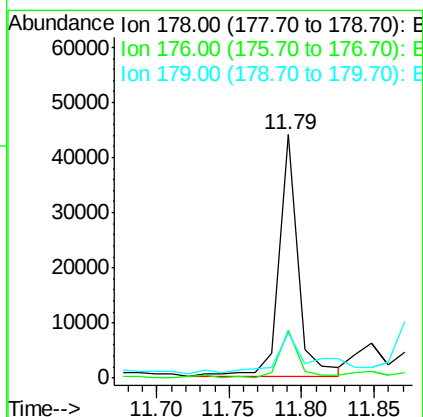
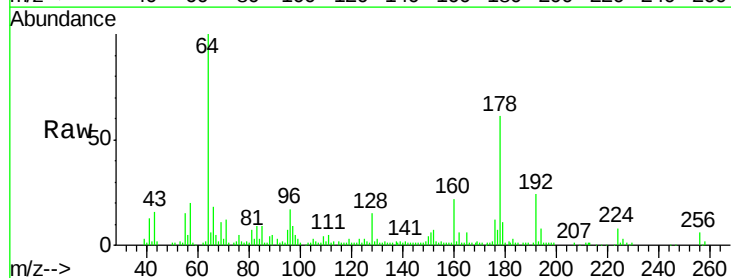
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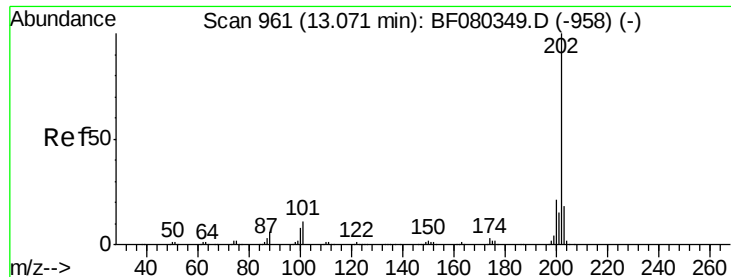
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#70
Phenanthrene
Concen: 4.20 ng
RT: 11.79 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	39694		
176	19.6	16.1	24.1	
179	18.5	12.6	18.8	





#74

Fluoranthene

Concen: 3.34 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.05 min

Lab File: BF080396.D

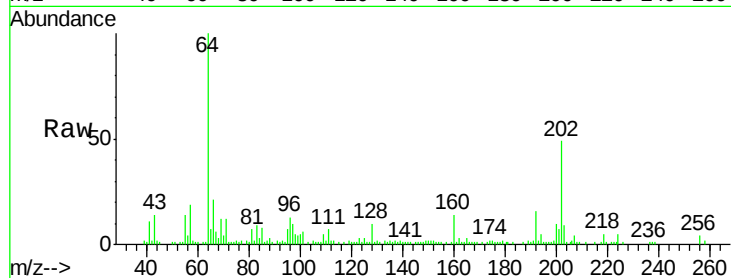
Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

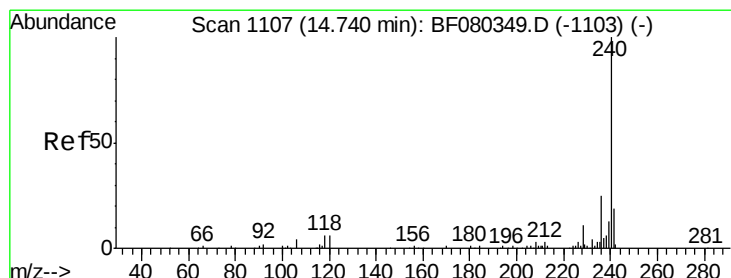
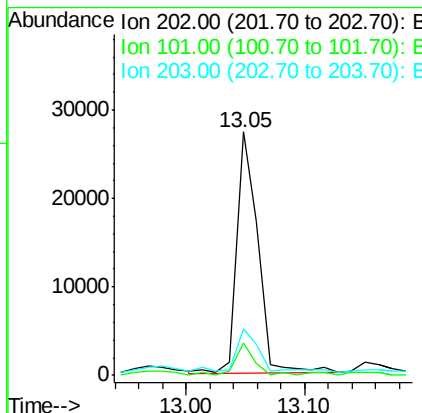
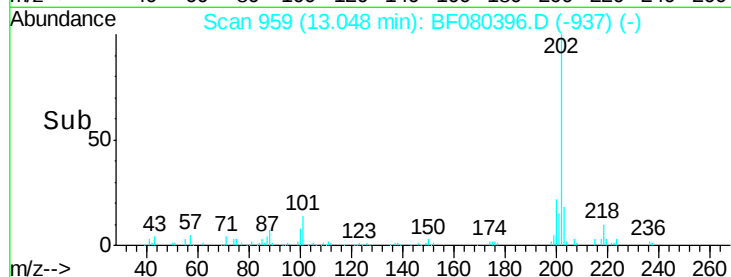
SB-02-6.5-7.0-070115



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	33954		
101	13.4	0.0	31.0	
203	19.1	0.0	37.6	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

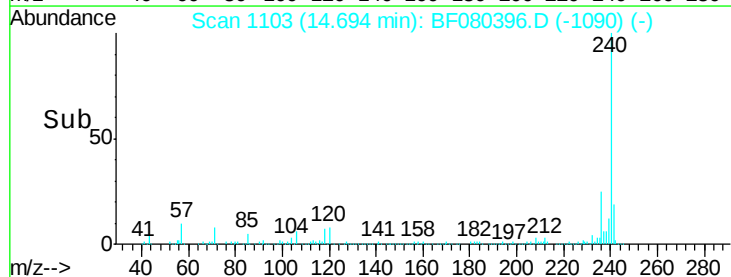
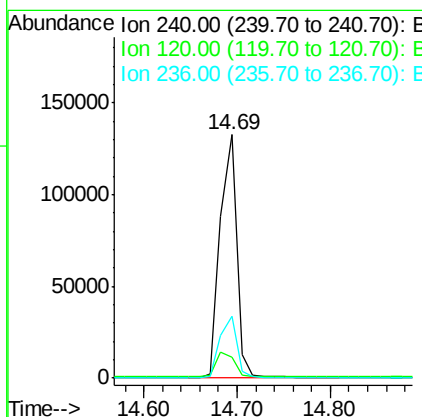
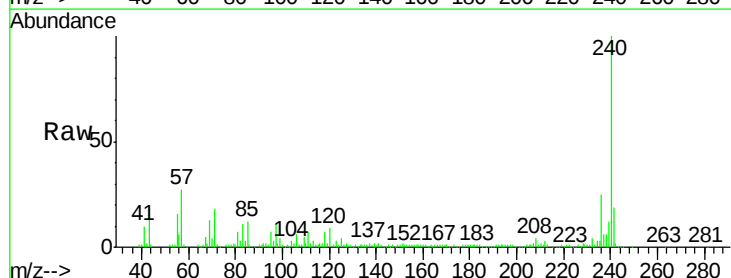
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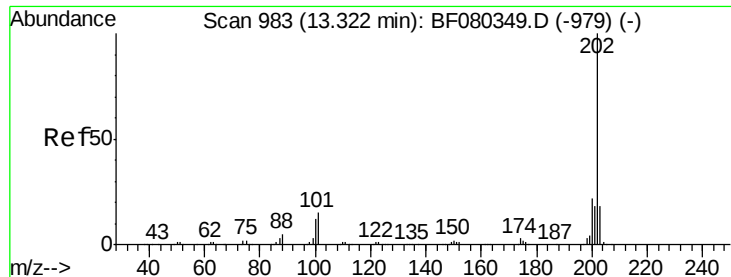
Delta R.T. -0.15 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	165382		
120	8.5	5.1	7.7#	
236	25.4	20.4	30.6	





#77

Pyrene

Concen: 3.61 ng

RT: 13.30 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF080396.D

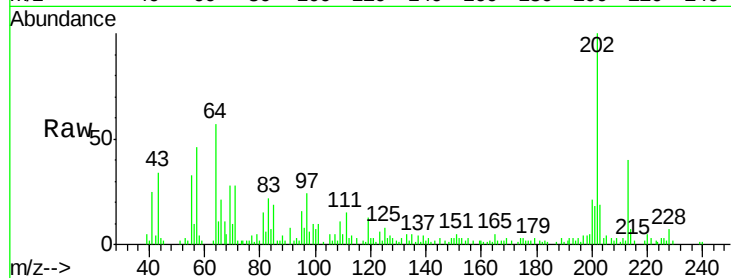
Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

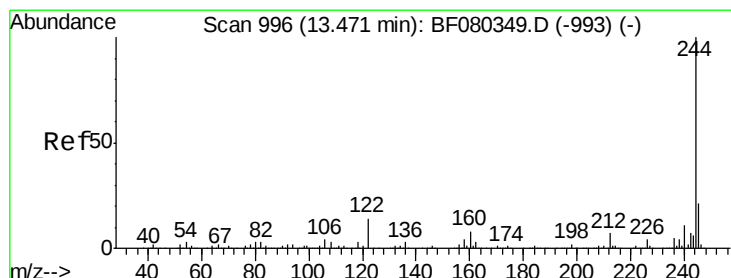
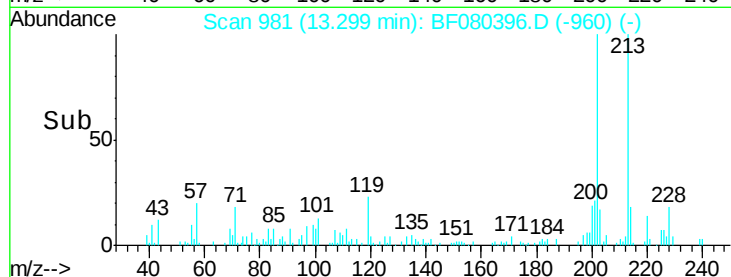
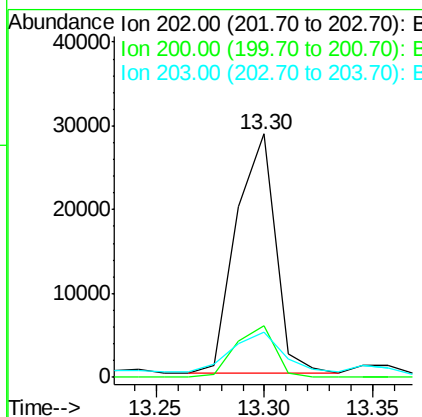
SB-02-6.5-7.0-070115



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	36064		
200	21.1	17.2	25.8	
203	18.7	14.3	21.5	

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#78

Terphenyl-d14

Concen: 64.27 ng

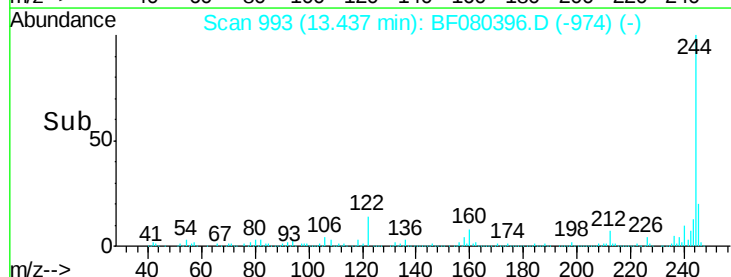
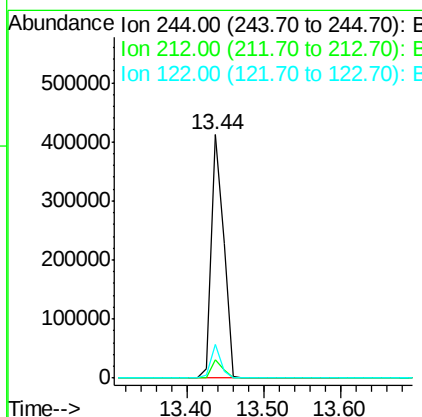
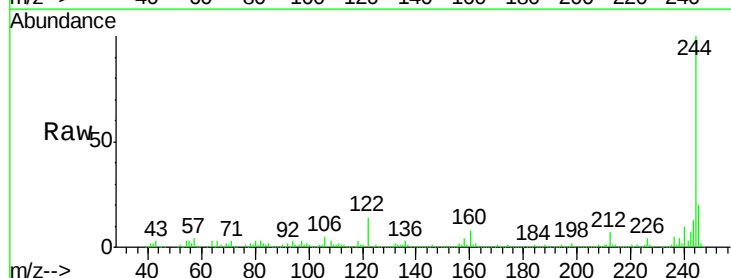
RT: 13.44 min Scan# 993

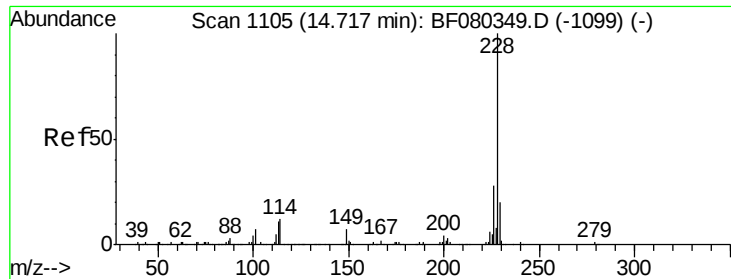
Delta R.T. -0.08 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	455722		
212	7.4	5.8	8.8	
122	13.8	11.1	16.7	





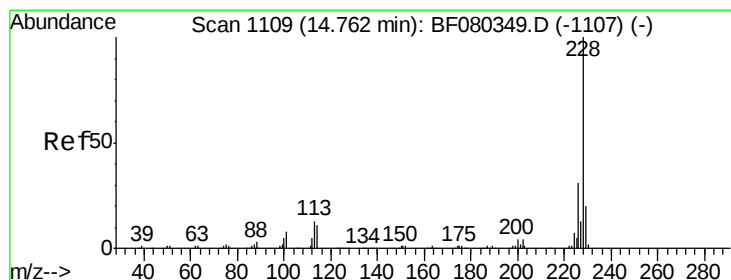
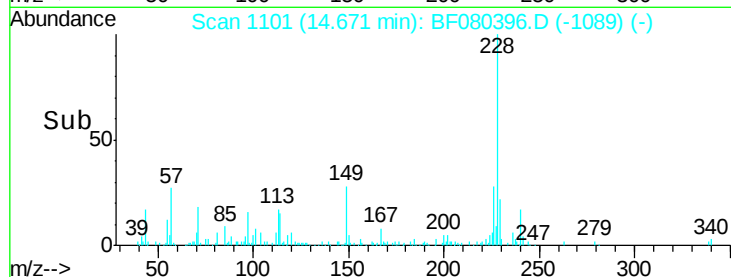
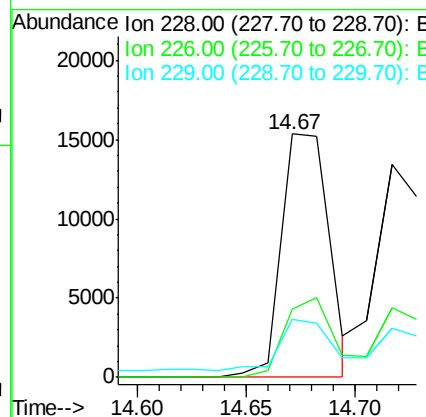
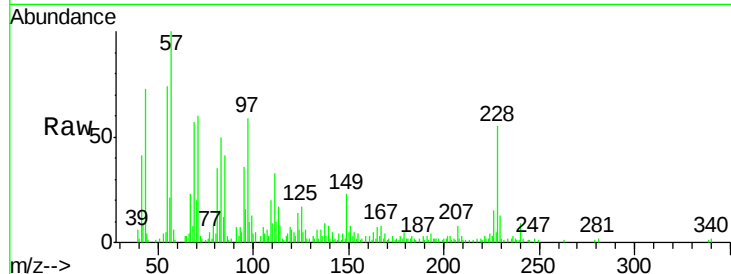
#80
Benzo(a)anthracene
Concen: 2.37 ng
RT: 14.67 min Scan# 1101
Delta R.T. -0.16 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.4
229	23.7	16.0	24.0

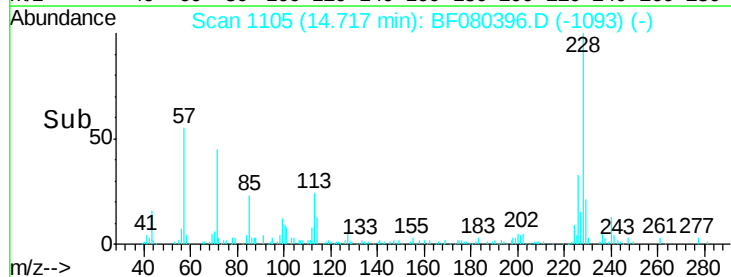
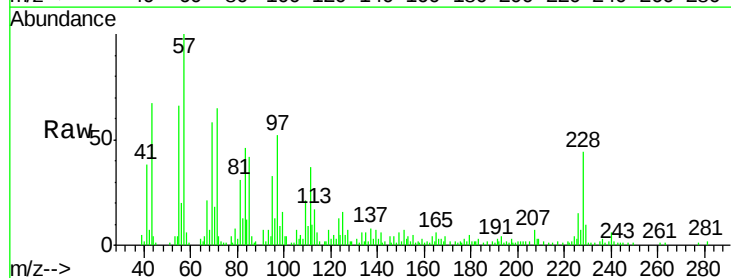
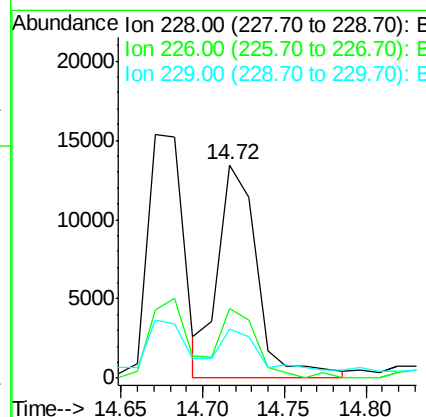
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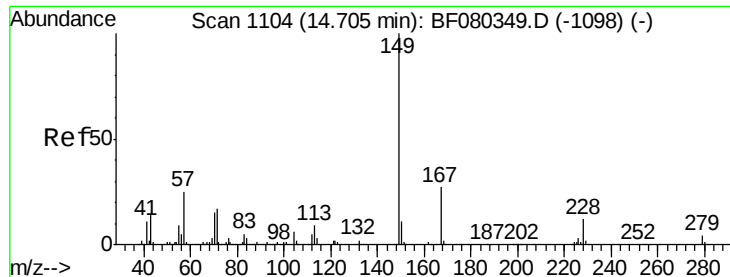
apatel
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#82
Chrysene
Concen: 2.40 ng
RT: 14.72 min Scan# 1105
Delta R.T. -0.16 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.0	37.4
229	23.2	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.36 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.17 min

Lab File: BF080396.D

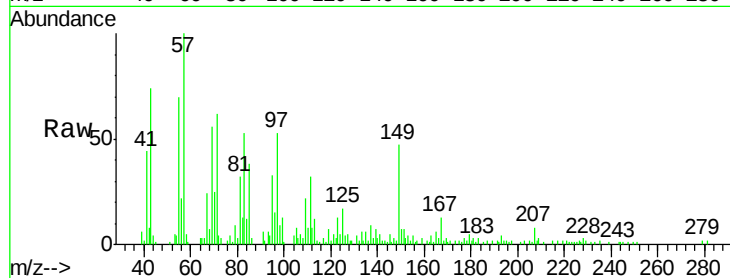
Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

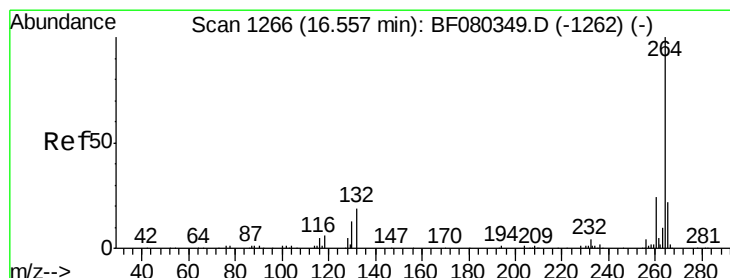
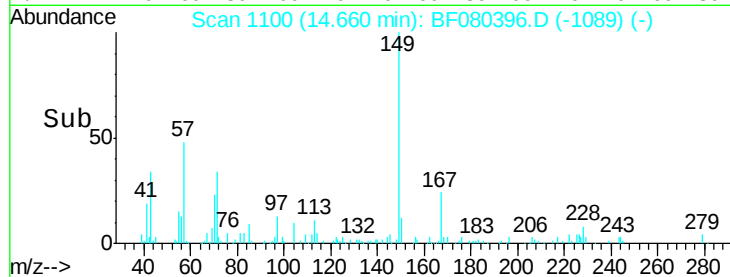
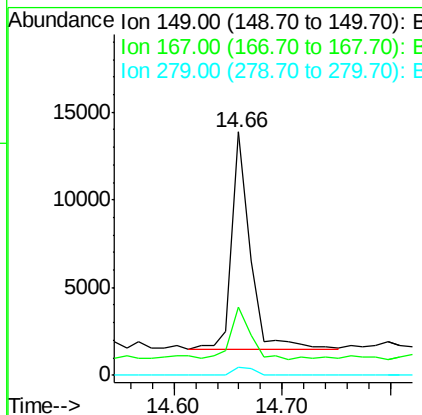
SB-02-6.5-7.0-070115



Tgt Ion:	149	Resp:	14386
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.4	32.0
279	3.2	2.9	4.3

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

RT: 16.51 min Scan# 1262

Delta R.T. -0.25 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Tgt Ion:	264	Resp:	161382
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.2	28.8
265	21.9	17.6	26.4

