

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091101.D
 Acq On : 9 Nov 2016 00:02
 Operator : UM/SJ
 Sample : H5537-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF015-01

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Quant Time: Nov 09 02:51:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	182892	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	725139	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	347714	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	486859	20.00	ng	0.00
75) Chrysene-d12	13.80	240	336794	20.00	ng	-0.01
86) Perylene-d12	15.19	264	318966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1232849	111.33	ng	0.01
7) Phenol-d6	6.32	99	1629010	108.38	ng	0.00
23) Nitrobenzene-d5	7.23	82	1005251	75.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	348594	110.89	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1470439	72.81	ng	-0.01
78) Terphenyl-d14	12.76	244	1162035	86.10	ng	0.00
Target Compounds						
10) Phenol	6.33	94	122526	7.37	ng	Qvalue # 74
49) Dimethylphthalate	9.42	163	349465	15.33	ng	98
70) Phenanthrene	11.20	178	77423	2.99	ng	97
74) Fluoranthene	12.39	202	124475	4.64	ng	90
77) Pyrene	12.60	202	109859	4.98	ng	96
80) Benzo(a)anthracene	13.79	228	60917	3.19	ng	98
82) Chrysene	13.83	228	45683m	2.42	ng	
87) Benzo(b)fluoranthene	14.81	252	77805m	3.60	ng	
89) Benzo(a)pyrene	15.13	252	48564	2.58	ng	# 92

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

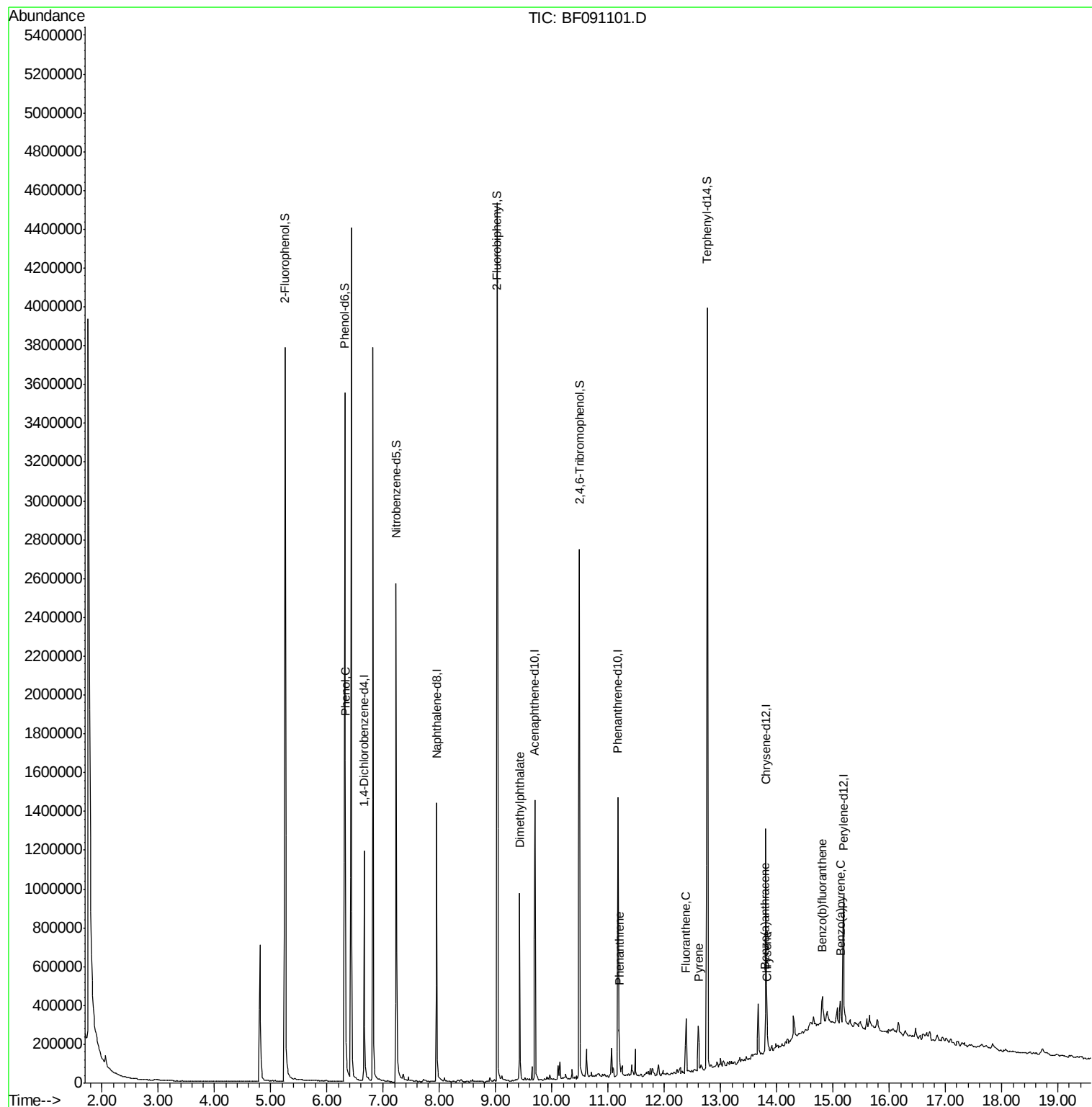
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091101.D
Acq On : 9 Nov 2016 00:02
Operator : UM/SJ
Sample : H5537-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

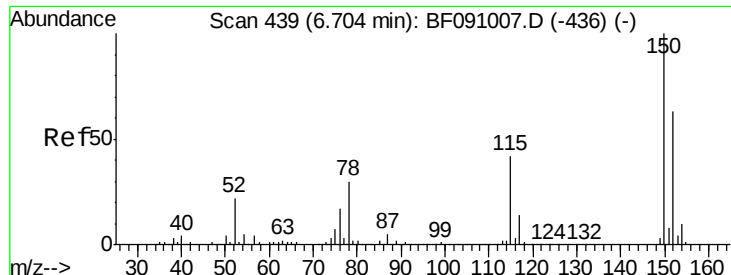
Instrument :
BNA_F
ClientSampleId :
V001-BF015-01

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Quant Time: Nov 09 02:51:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration





#1

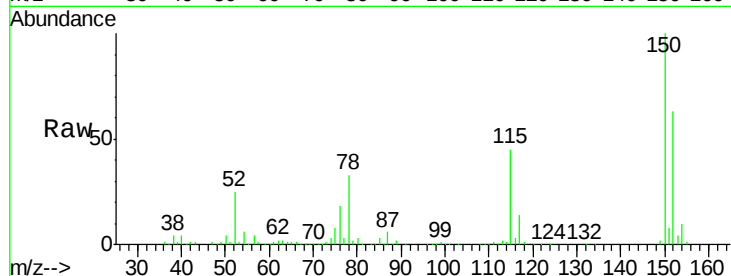
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Instrument :
BNA_F
ClientSampleId :
V001-BF015-01

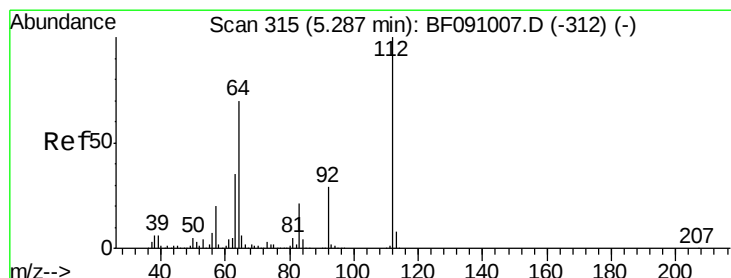
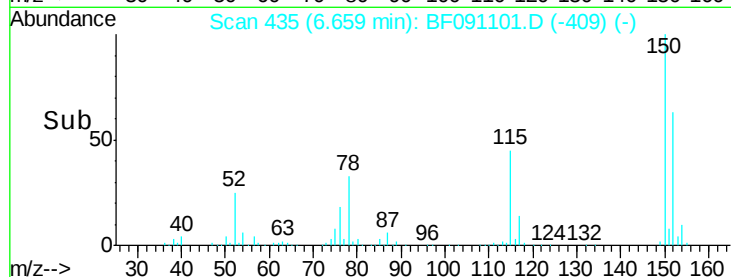
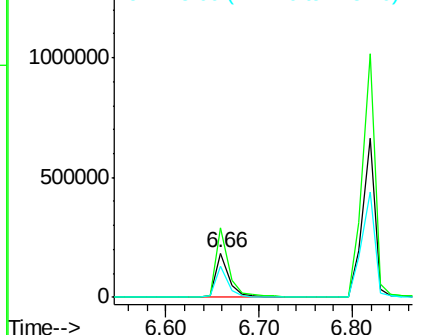
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.8	190.2
115	70.8	53.3	79.9

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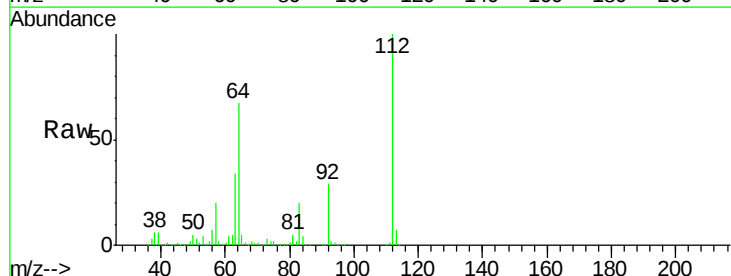
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



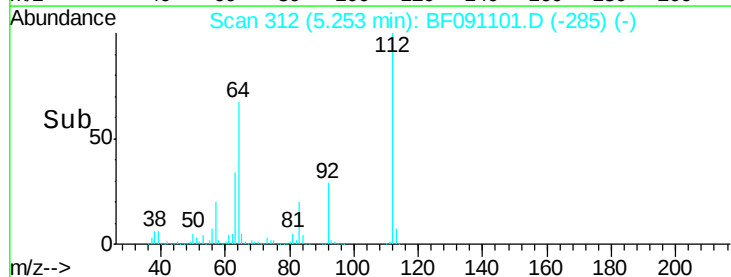
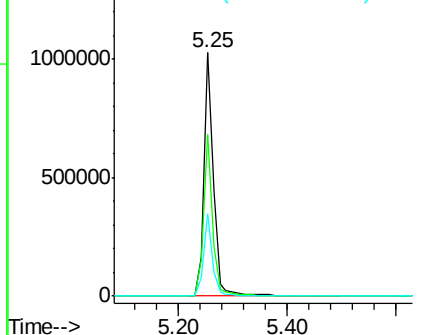
#5

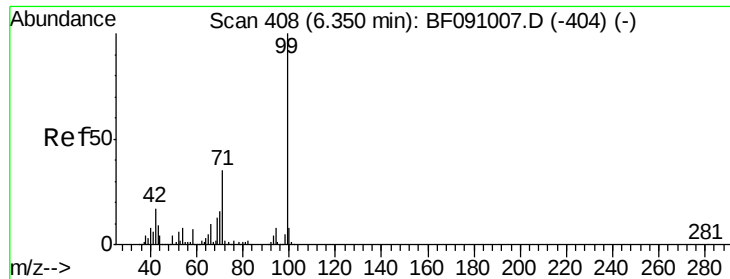
2-Fluorophenol
Concen: 111.33 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	55.8	83.6
63	33.9	28.0	42.0



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: 108.38 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091101.D

Acq: 9 Nov 2016 00:02

Instrument :

BNA_F

ClientSampleId :

V001-BF015-01

Tot Ion: 99 Resp: 1629010

Ion Ratio Lower Upper

99 100

42 17.5 13.9 20.9

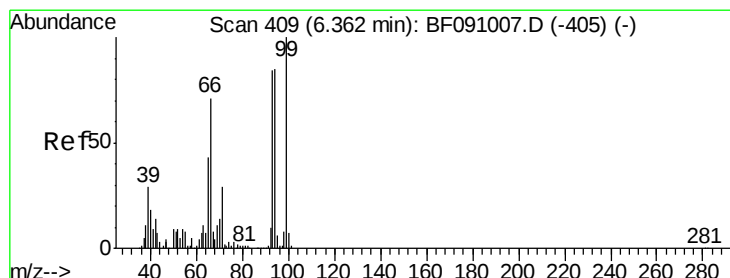
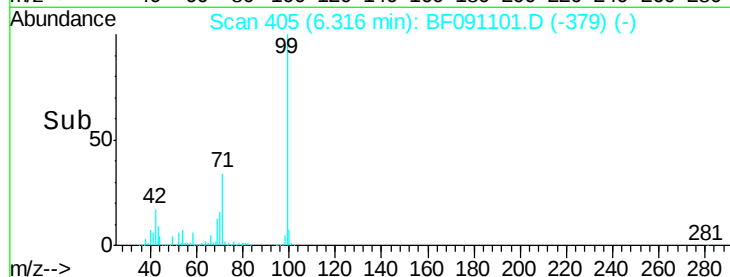
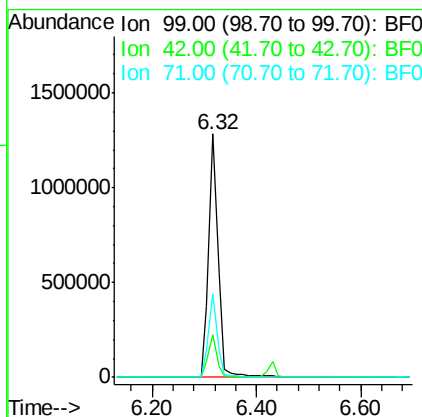
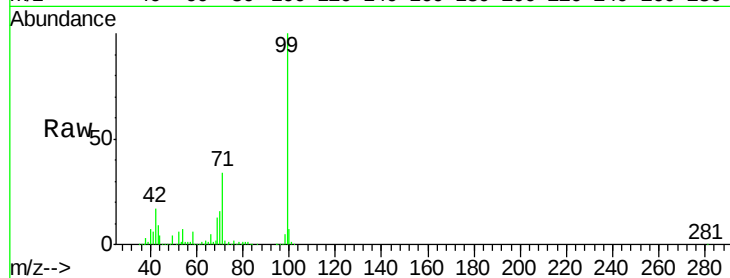
71 34.4 27.8 41.8

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#10

Phenol

Concen: 7.37 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091101.D

Acq: 9 Nov 2016 00:02

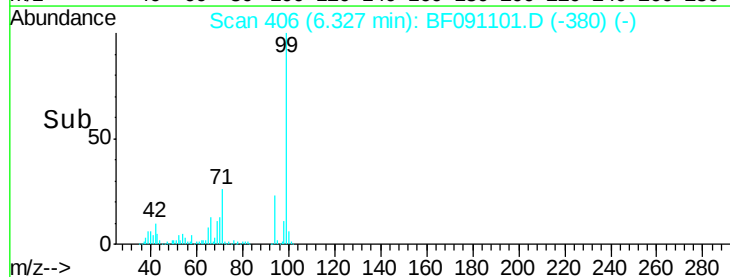
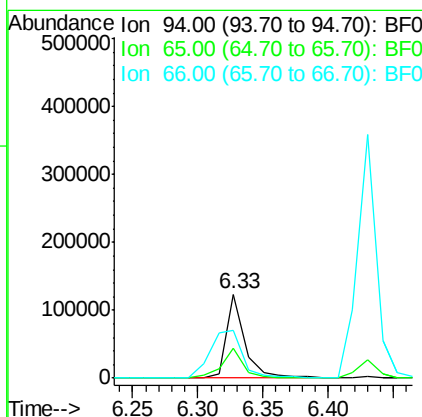
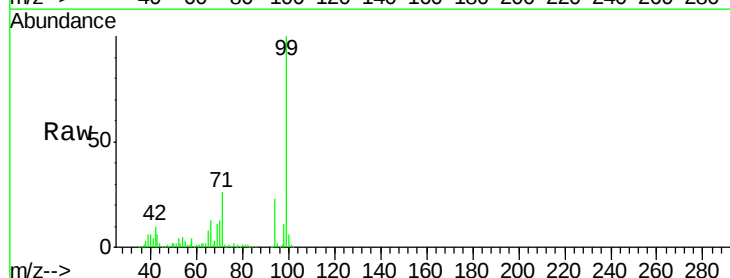
Tgt Ion: 94 Resp: 122526

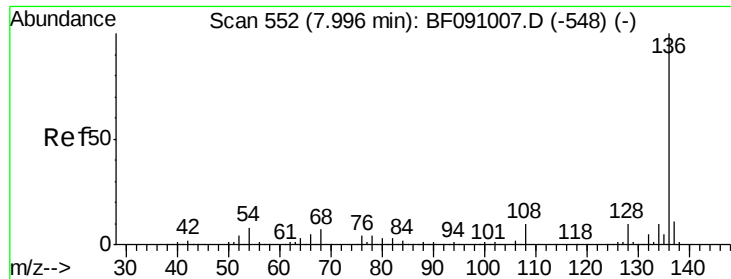
Ion Ratio Lower Upper

94 100

65 35.3 30.4 70.4

66 56.9 62.9 102.9#





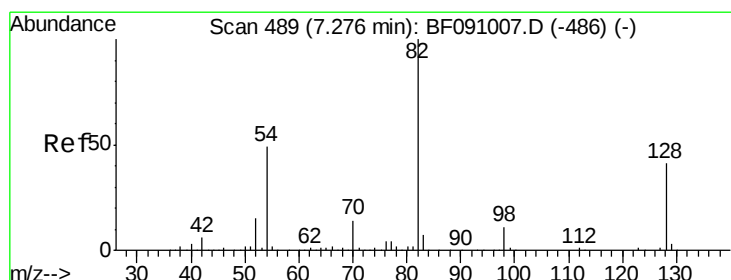
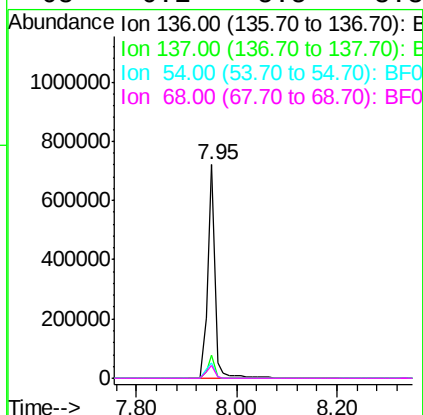
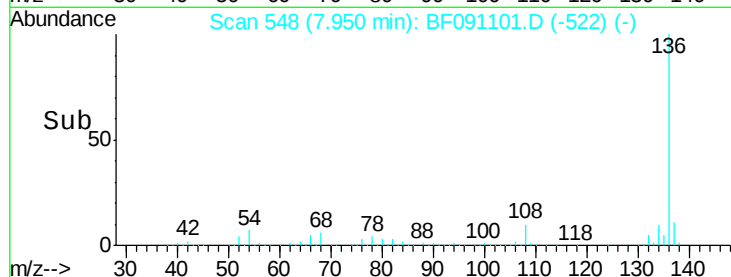
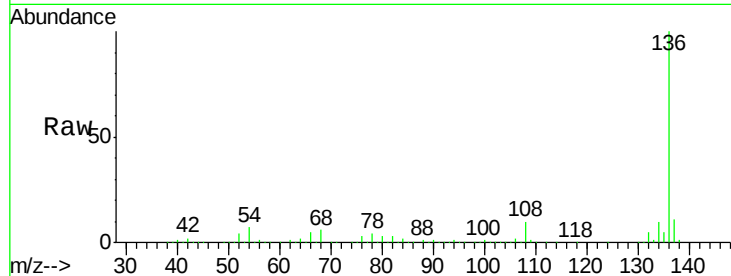
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Instrument :
BNA_F
ClientSampleId :
V001-BF015-01

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.2	9.2
68	6.1	5.5	8.3

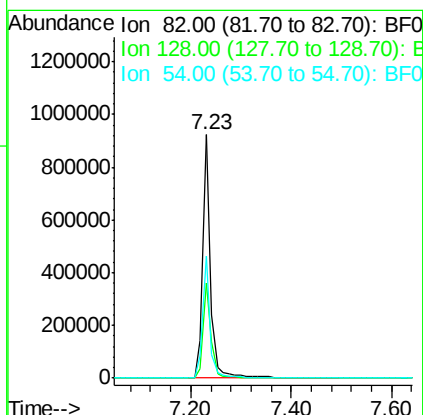
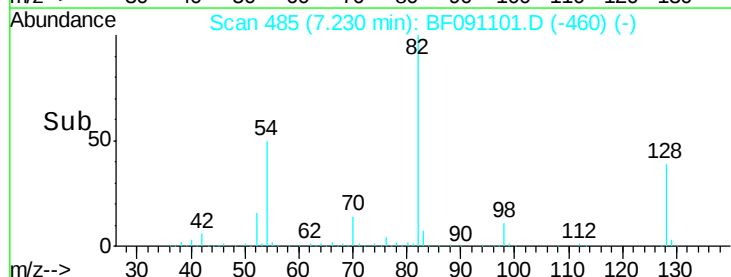
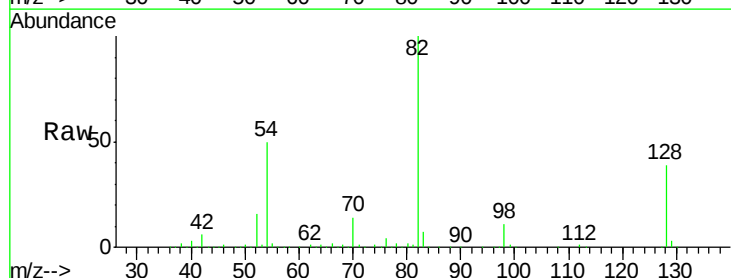
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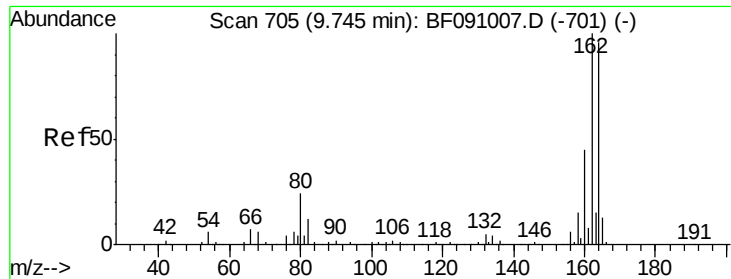
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#23
Nitrobenzene-d5
Concen: 75.62 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.8	32.4	48.6
54	50.0	39.2	58.8





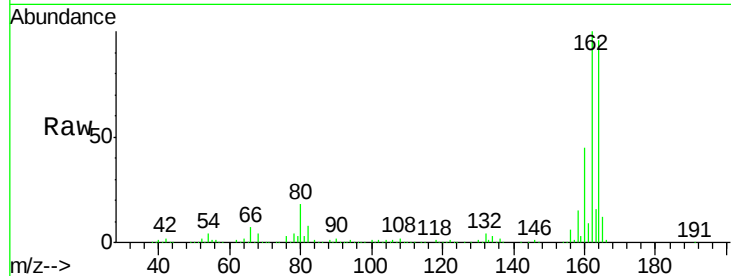
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Instrument :
BNA_F
ClientSampleId :
V001-BF015-01

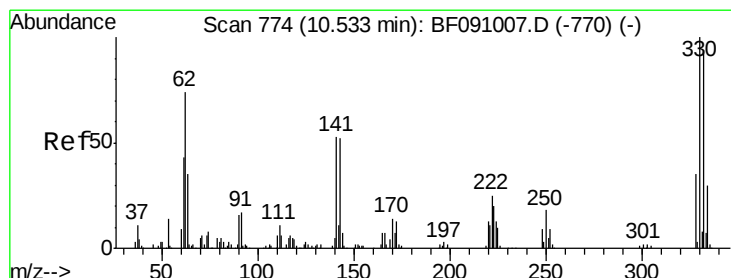
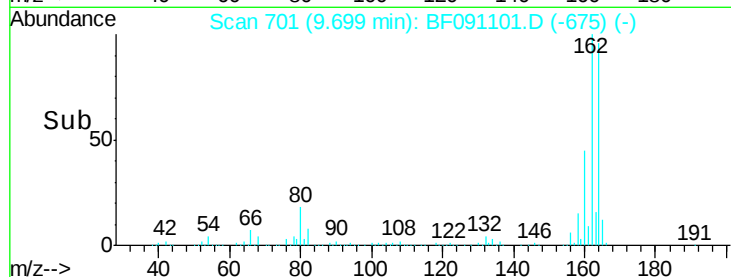
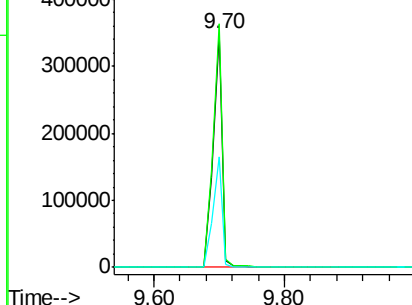
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.6	125.4
160	47.2	37.9	56.9

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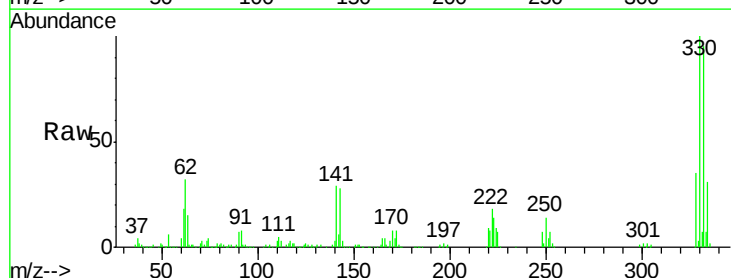


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

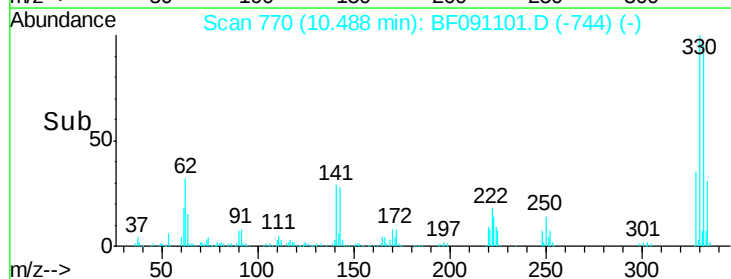
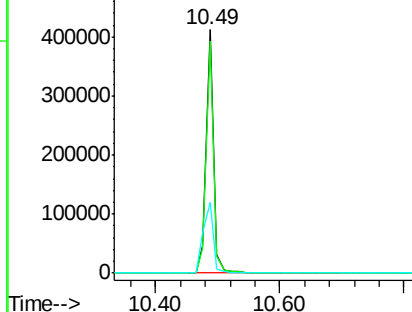


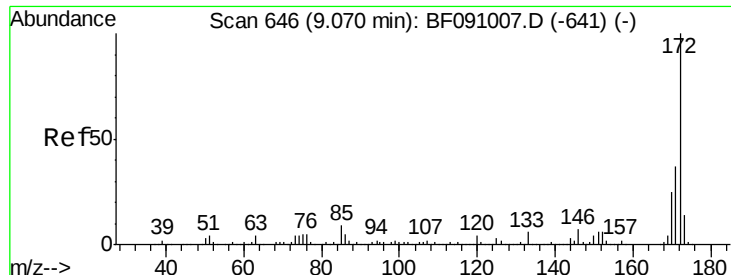
#41
2,4,6-Tribromophenol
Concen: 110.89 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.9	113.9
141	39.6	36.1	54.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





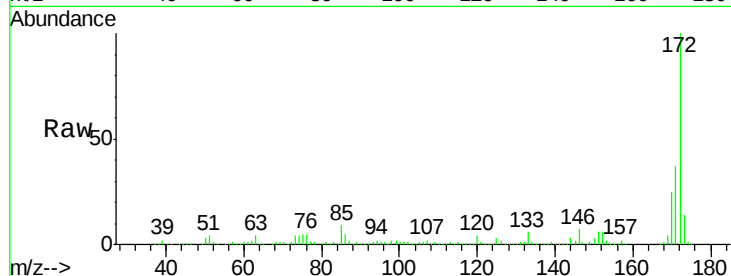
#44
2-Fluorobiphenyl
Concen: 72.81 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Instrument :
BNA_F
ClientSampleId :
V001-BF015-01

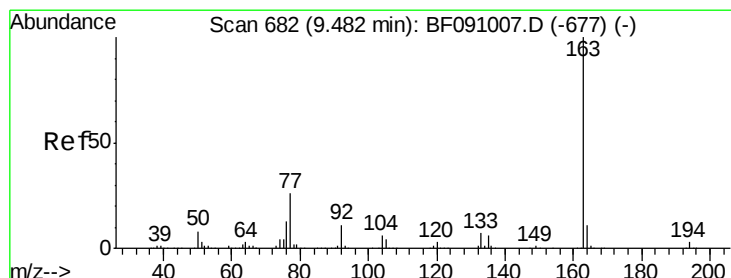
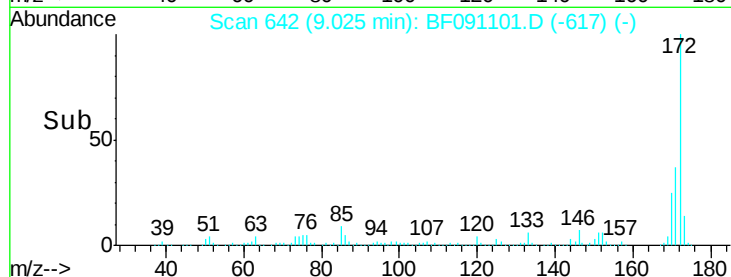
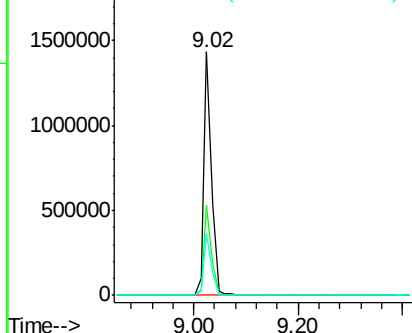
Tot Ion:172 Resp: 1470439
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 25.4 20.3 30.5

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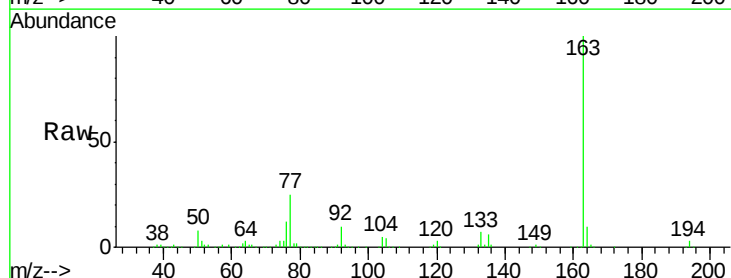


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

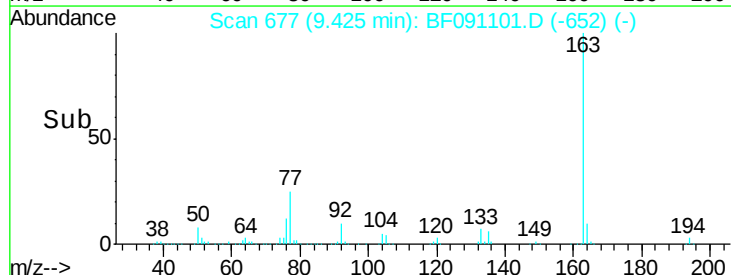
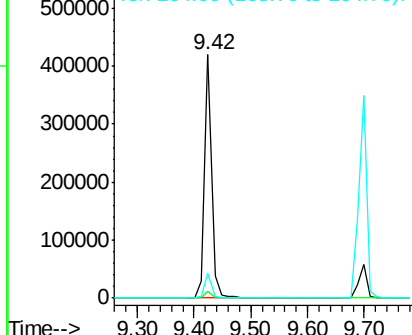


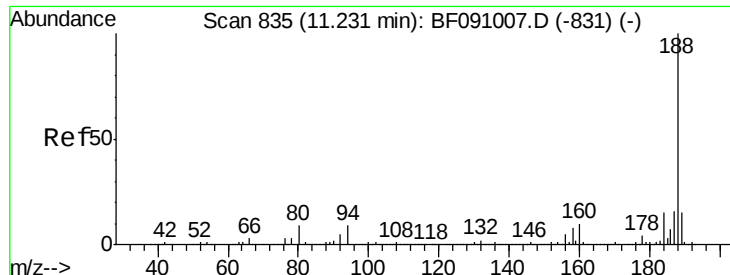
#49
Dimethylphthalate
Concen: 15.33 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Tgt Ion:163 Resp: 349465
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.7 13.1



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





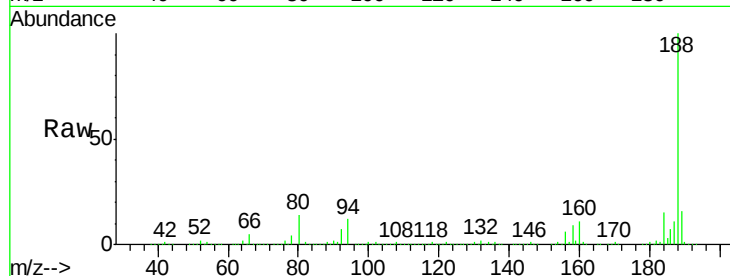
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Instrument :
BNA_F
ClientSampleId :
V001-BF015-01

Tot Ion	Ratio	Resp	Lower	Upper
188	100	486859		
94	12.0		7.0	10.4#
80	13.8		7.5	11.3#

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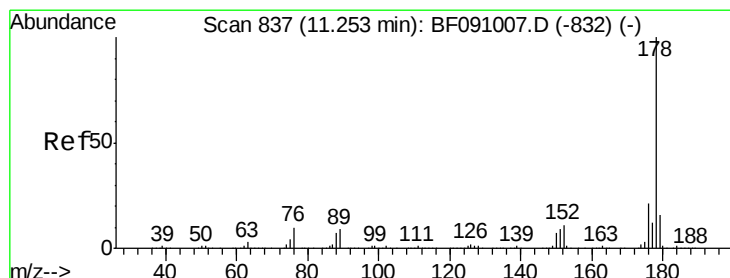
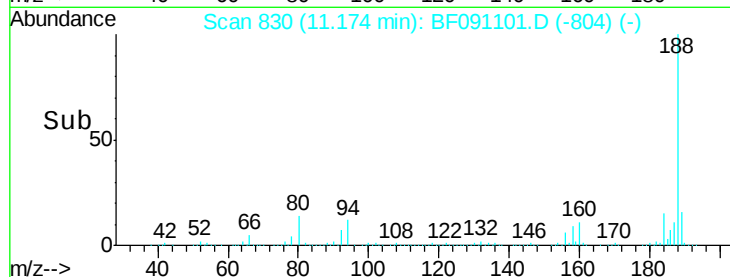
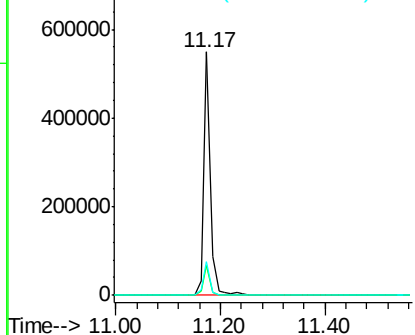
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



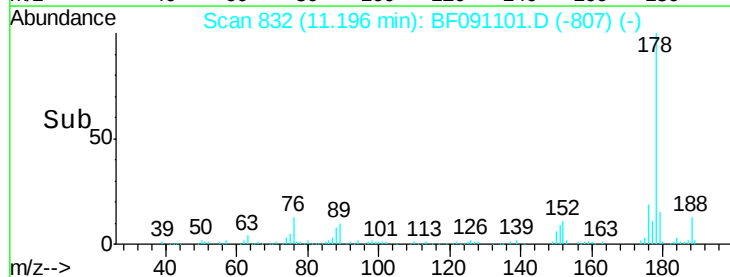
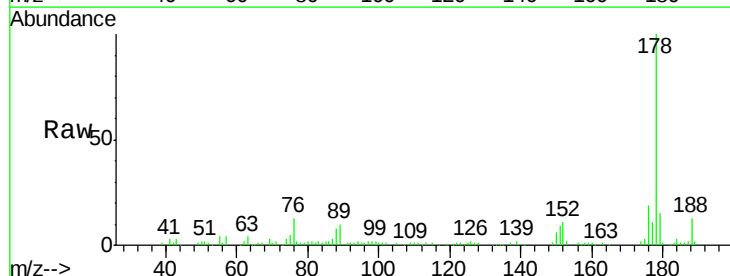
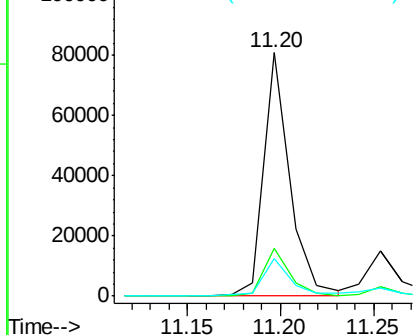
#70
Phenanthrene
Concen: 2.99 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

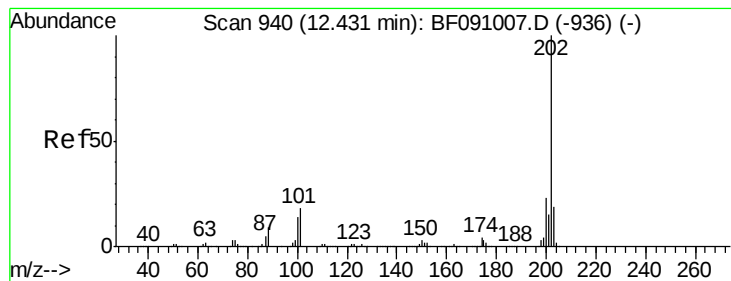
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	77423		
176	19.4		16.6	25.0
179	15.3		12.9	19.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.64 ng

RT: 12.39 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF091101.D

Acq: 9 Nov 2016 00:02

Instrument :

BNA_F

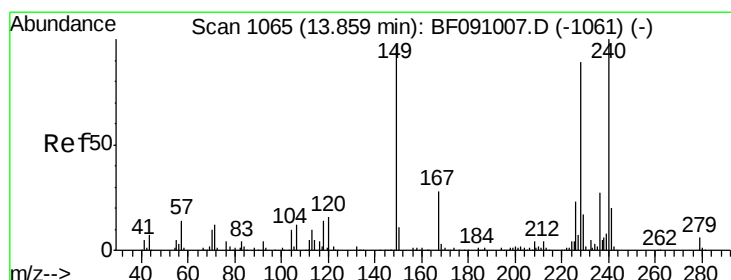
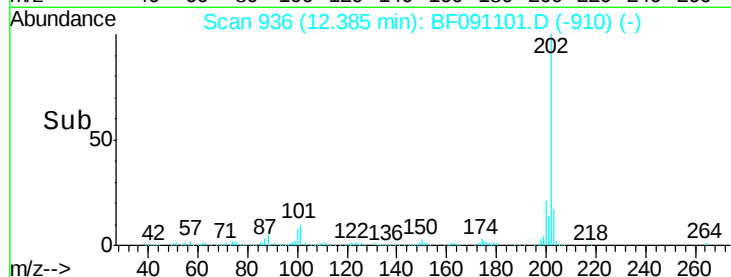
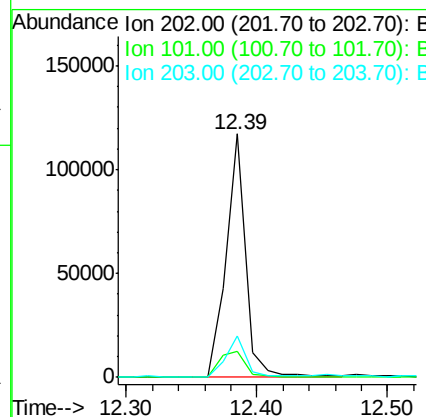
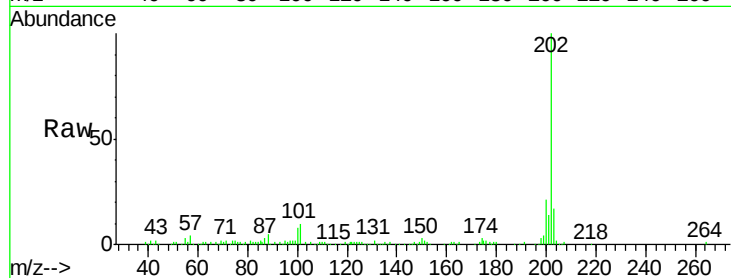
ClientSampleId :

V001-BF015-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		124475		
101	10.4	0.0	37.6		
203	16.9	0.0	38.6		

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#75

Chrysene-d12

Concen: 20.00 ng

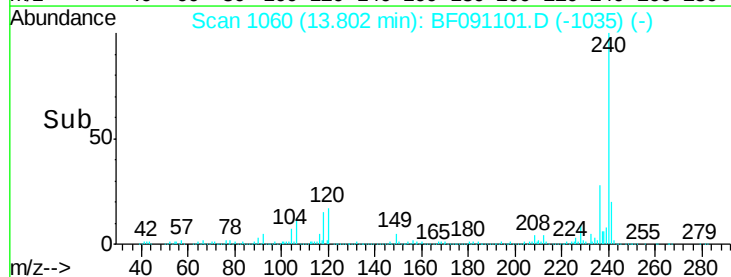
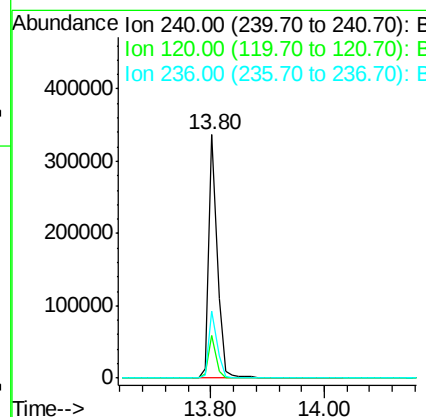
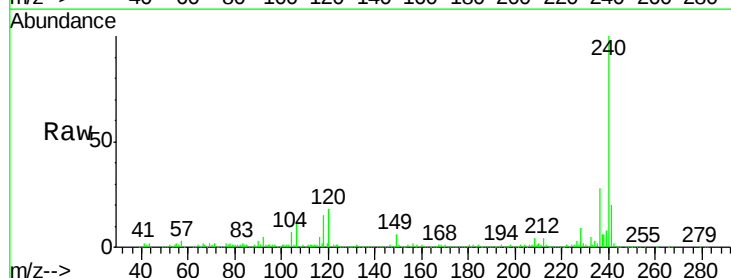
RT: 13.80 min Scan# 1060

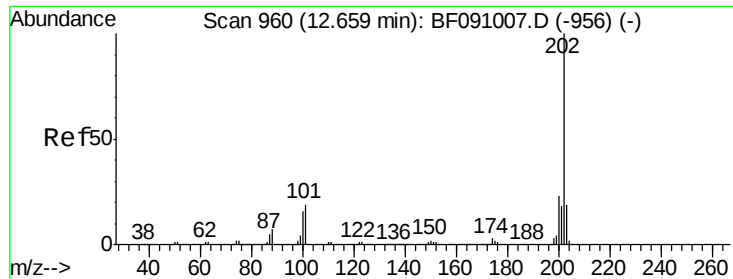
Delta R.T. -0.01 min

Lab File: BF091101.D

Acq: 9 Nov 2016 00:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		336794		
120	17.6	12.9	19.3		
236	27.7	21.9	32.9		





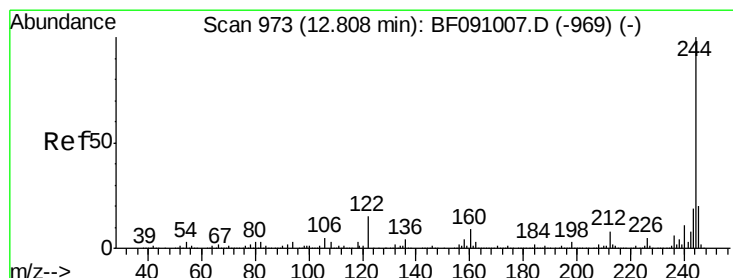
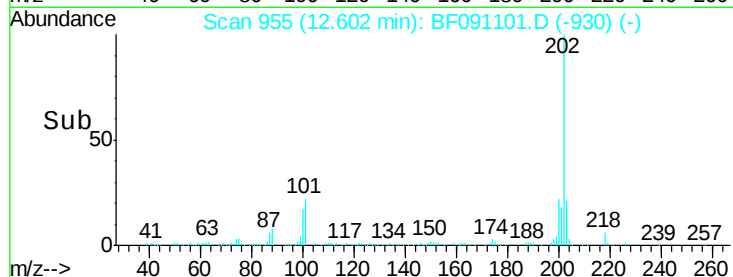
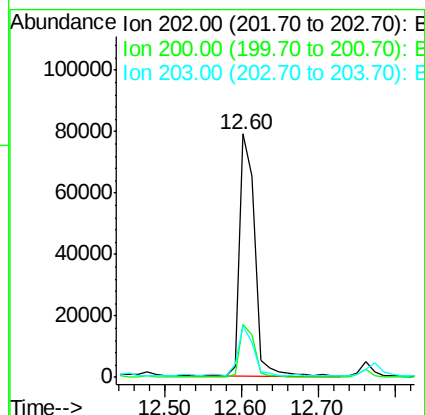
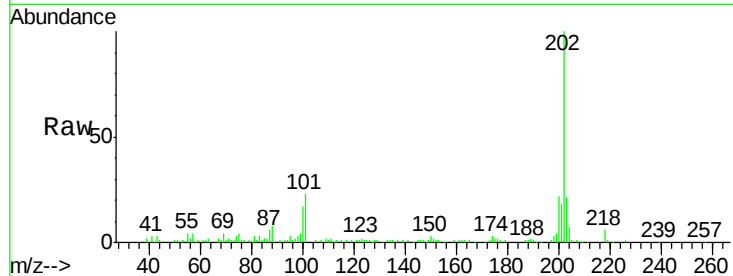
#77
Pvrene
Concen: 4.98 ng
RT: 12.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Instrument :
BNA_F
ClientSampleId :
V001-BF015-01

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.4	27.6
203	21.3	15.0	22.6

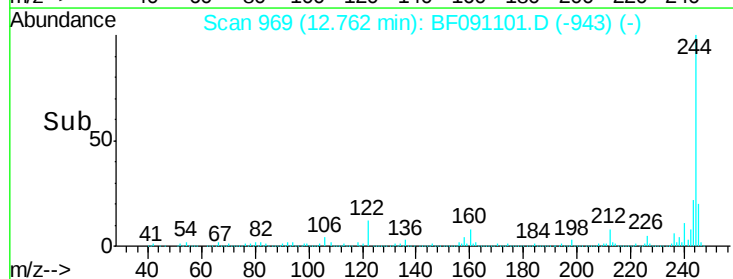
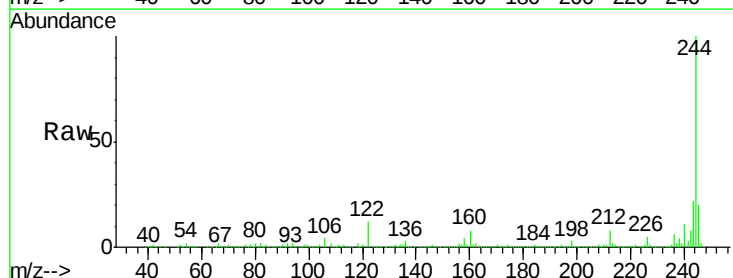
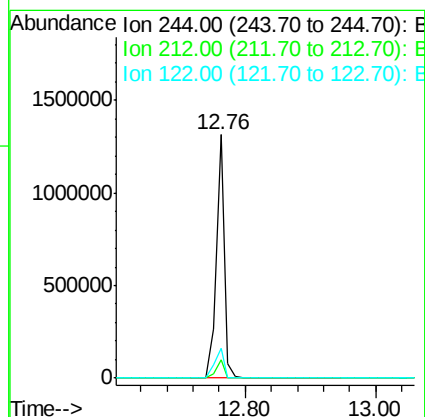
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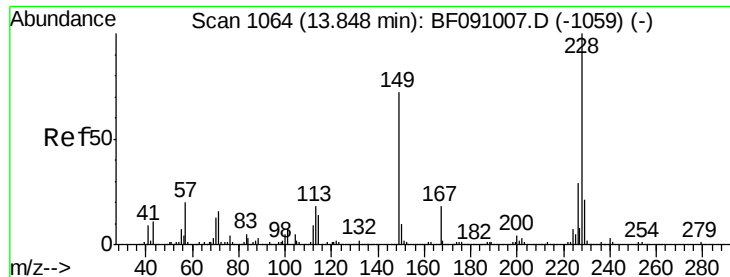
umangi
11/9/2016 10:56:56 AM



#78
Terphenyl-d14
Concen: 86.10 ng
RT: 12.76 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	12.1	12.3	18.5#





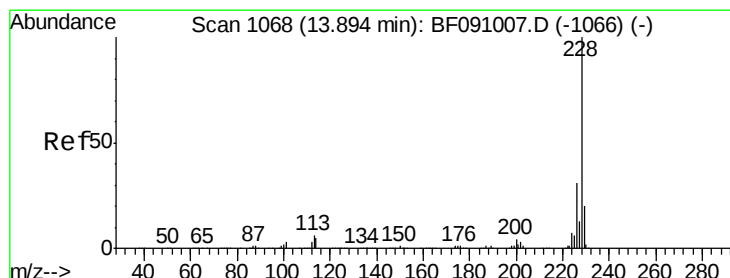
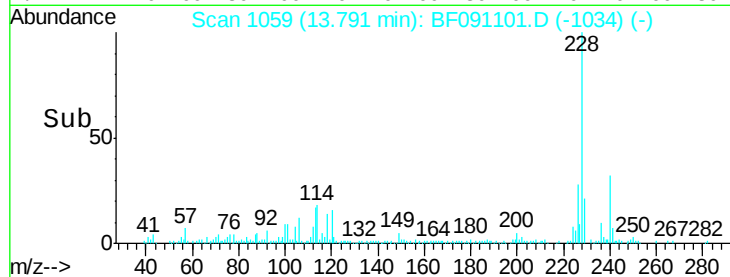
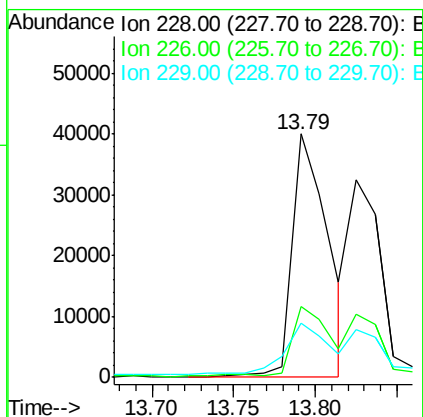
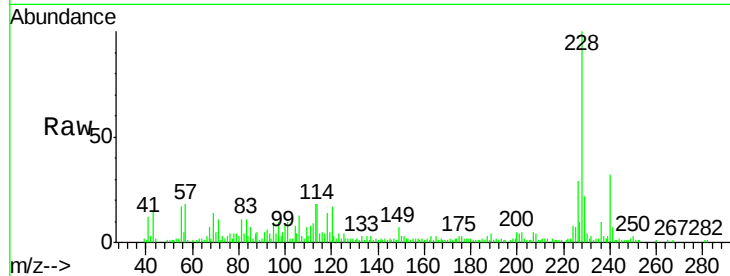
#80
Benzo(a)anthracene
Concen: 3.19 ng
RT: 13.79 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Instrument :
BNA_F
ClientSampleId :
V001-BF015-01

Tot Ion:	228	Resp:	60917
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.0	34.6
229	22.5	16.6	24.8

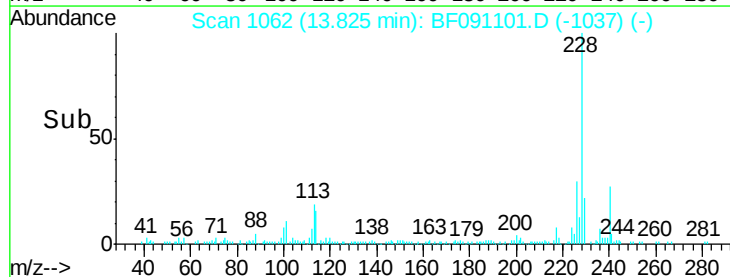
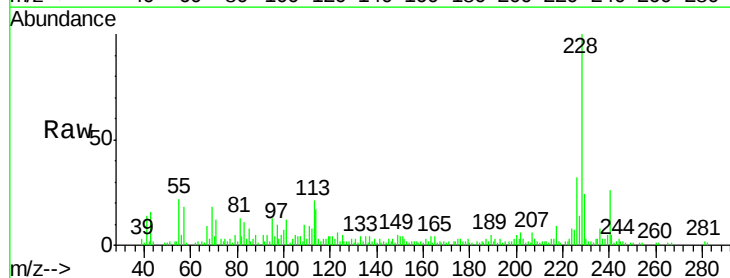
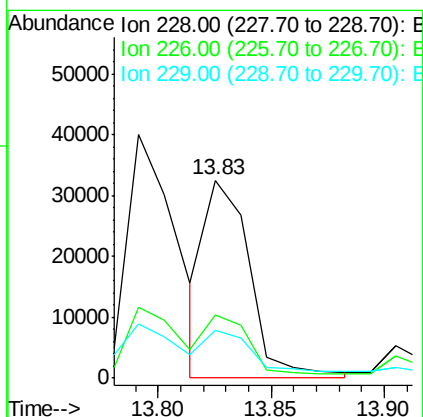
Manual Integrations
APPROVED

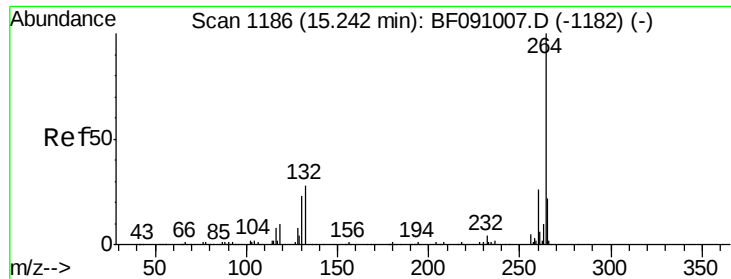
umangi
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#82
Chrysene
Concen: 2.42 ng m
RT: 13.83 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Tgt Ion:	228	Resp:	45683
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.9	37.3
229	24.3	15.9	23.9#





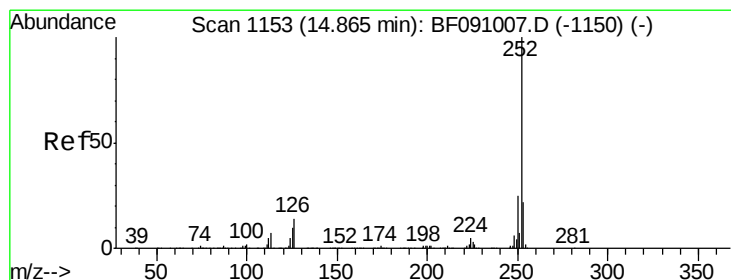
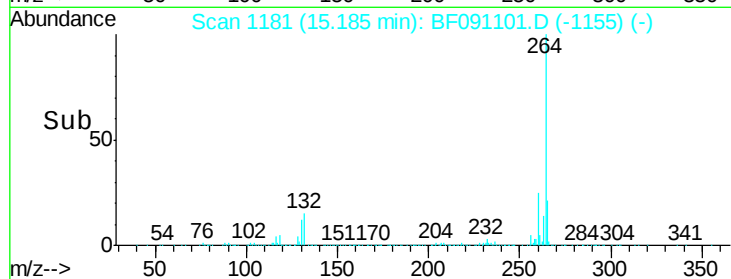
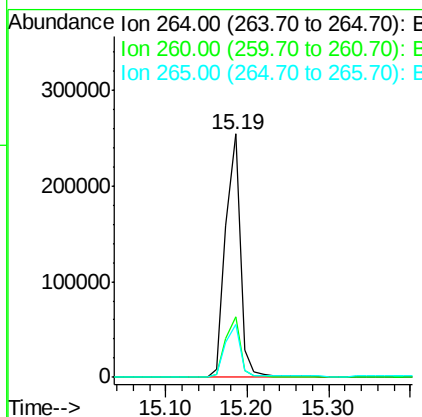
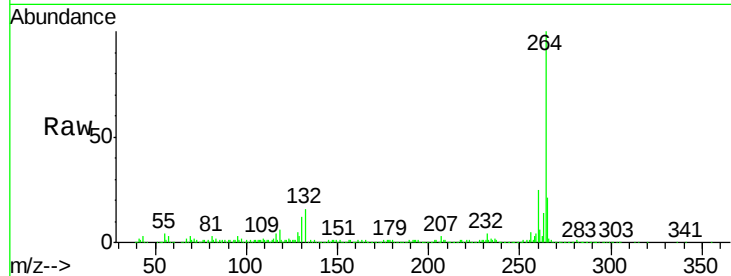
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Instrument :
BNA_F
ClientSampleId :
V001-BF015-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	21.5	17.8	26.8

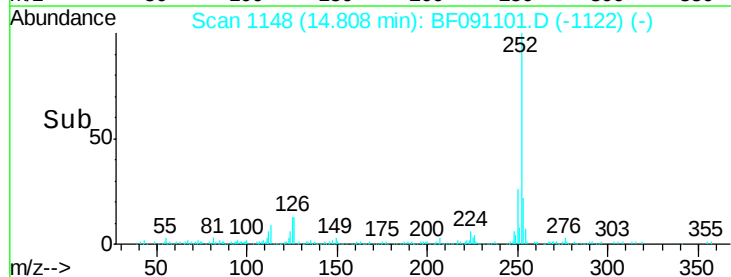
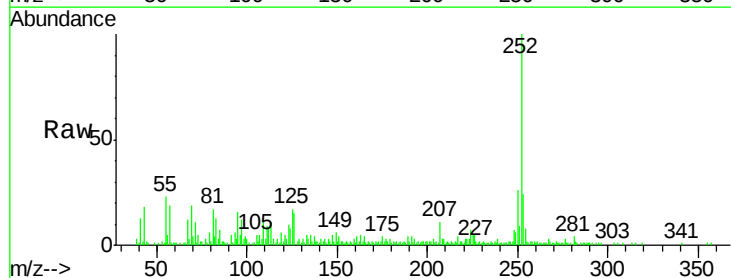
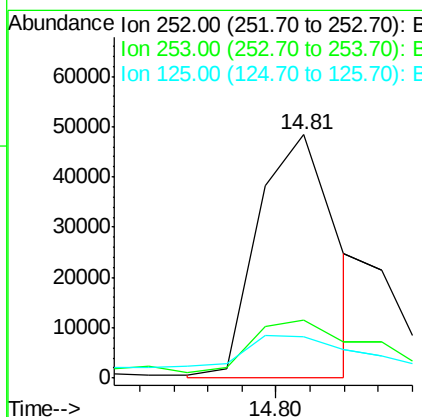
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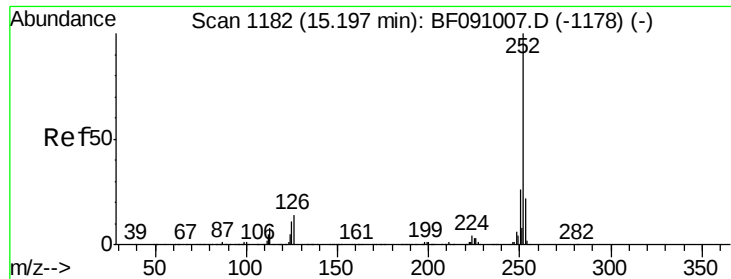
umangi
11/9/2016 10:56:56 AM



#87
Benzo(b)fluoranthene
Concen: 3.60 ng m
RT: 14.81 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	17.1	8.3	12.5#





#89
 Benzo(a)pyrene
 Concen: 2.58 ng
 RT: 15.13 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF091101.D
 Acq: 9 Nov 2016 00:02

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF015-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	16.9	8.6	13.0

Manual Integrations
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