

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091100.D
 Acq On : 8 Nov 2016 23:34
 Operator : UM/SJ
 Sample : H5537-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF014-02

Manual Integrations
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Quant Time: Nov 09 02:46:55 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	223054	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	919036	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	452193	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	613399	20.00	ng	0.00
75) Chrysene-d12	13.80	240	425886	20.00	ng	-0.01
86) Perylene-d12	15.19	264	420016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1325771	98.16	ng	0.01
7) Phenol-d6	6.32	99	1746276	95.26	ng	0.00
23) Nitrobenzene-d5	7.23	82	1078796	64.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	365505	89.41	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1590660	60.56	ng	-0.01
78) Terphenyl-d14	12.76	244	1268350	74.32	ng	0.00
Target Compounds						
10) Phenol	6.33	94	123499	6.09	ng	Qvalue # 76
49) Dimethylphthalate	9.42	163	106783	3.60	ng	99
74) Fluoranthene	12.39	202	107630	3.18	ng	91
77) Pyrene	12.60	202	97018	3.48	ng	96
80) Benzo(a)anthracene	13.79	228	57056	2.36	ng	98
87) Benzo(b)fluoranthene	14.81	252	72166m	2.53	ng	

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

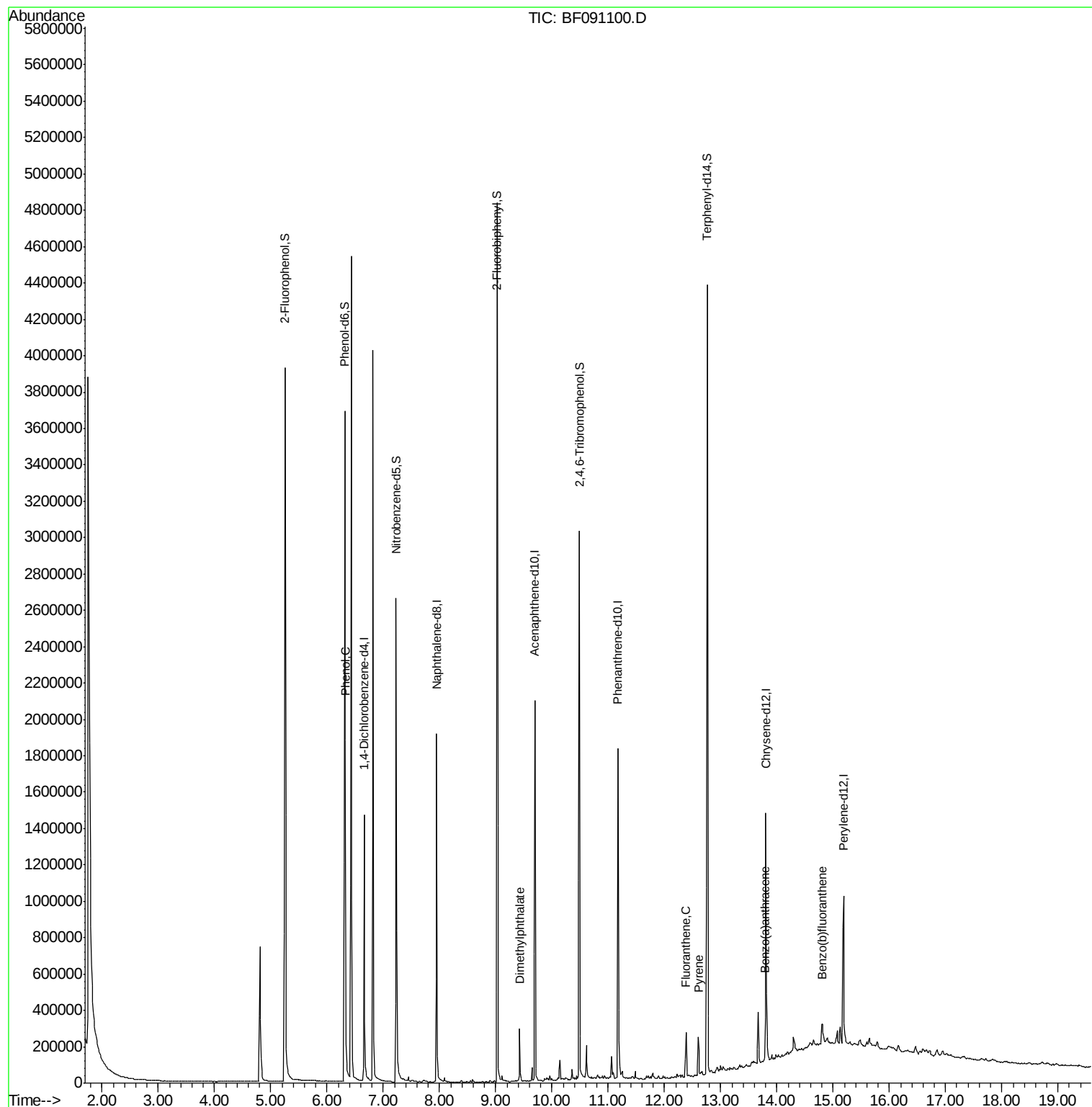
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091100.D
Acq On : 8 Nov 2016 23:34
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Quant Time: Nov 09 02:46:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
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Response via : Initial Calibration





#1

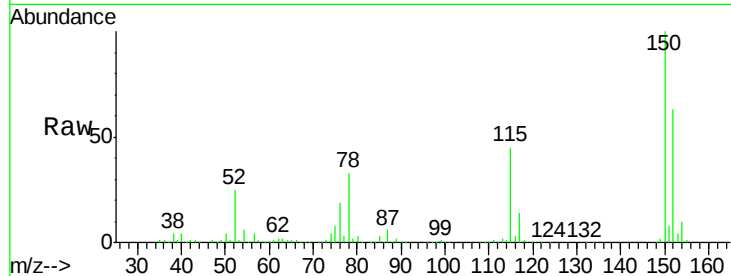
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091100.D
Acq: 8 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
V001-BF014-02

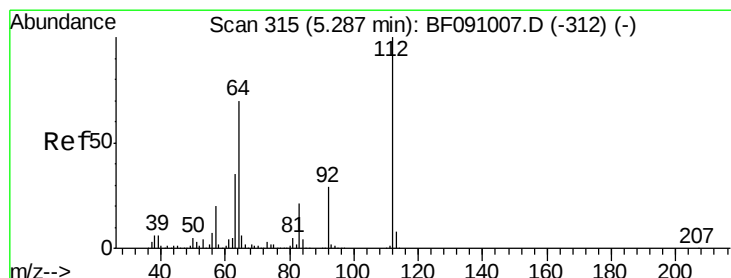
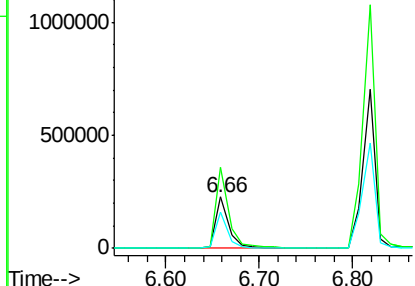
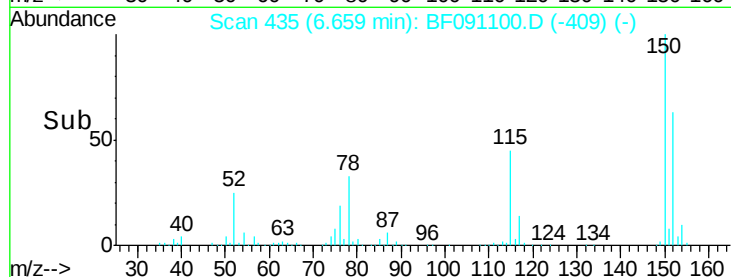
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.8	190.2
115	71.0	53.3	79.9

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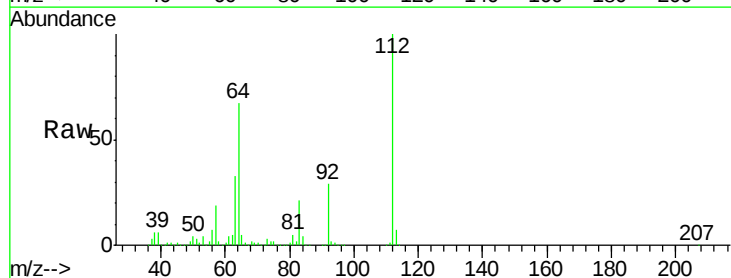
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



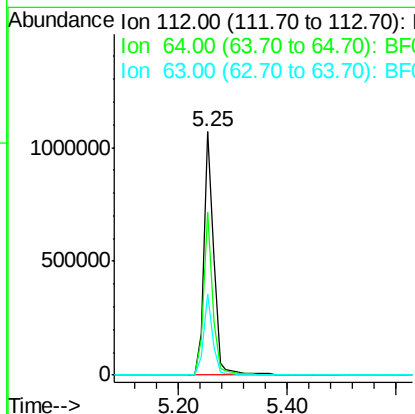
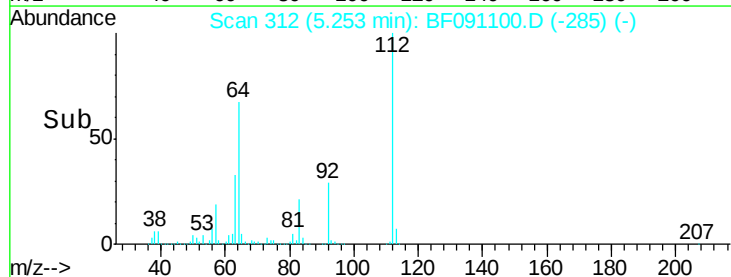
#5

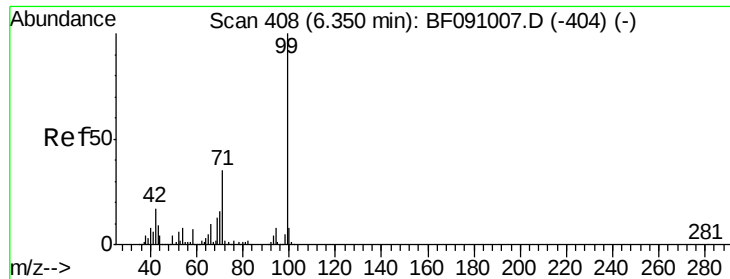
2-Fluorophenol
Concen: 98.16 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091100.D
Acq: 8 Nov 2016 23:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	55.8	83.6
63	33.4	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: 95.26 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091100.D

Acq: 8 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

V001-BF014-02

Tot Ion: 99 Resp: 1746276

Ion Ratio Lower Upper

99 100

42 17.8 13.9 20.9

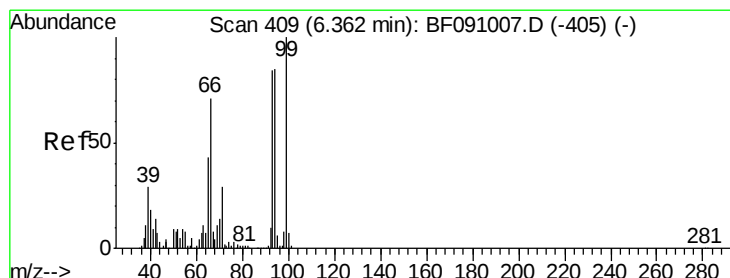
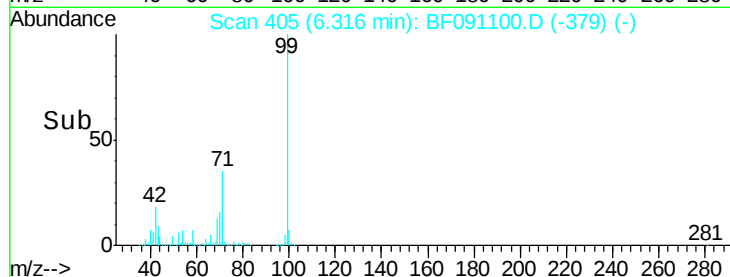
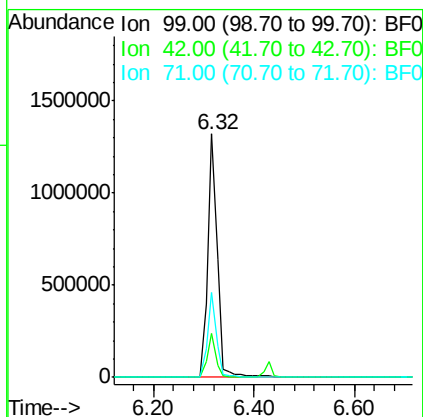
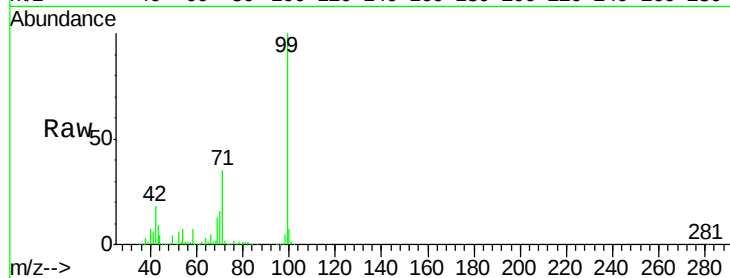
71 35.1 27.8 41.8

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#10

Phenol

Concen: 6.09 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091100.D

Acq: 8 Nov 2016 23:34

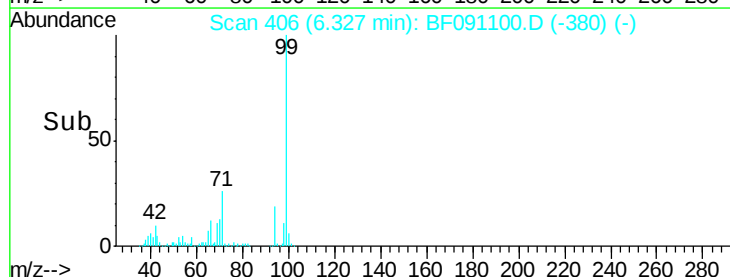
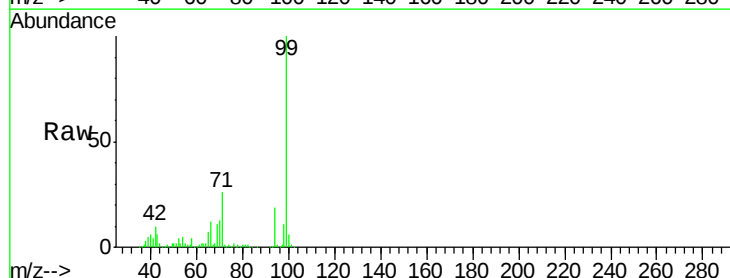
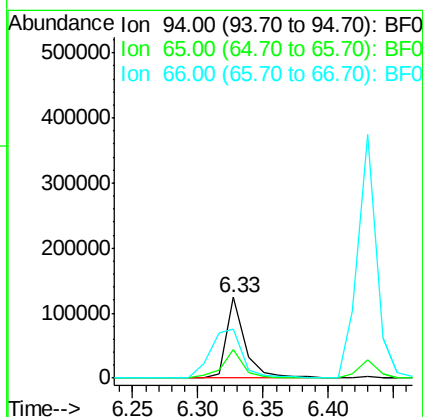
Tgt Ion: 94 Resp: 123499

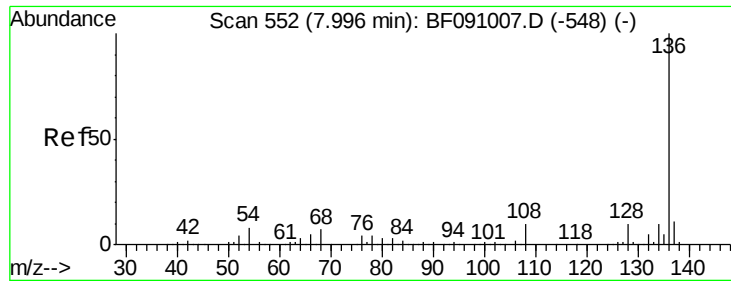
Ion Ratio Lower Upper

94 100

65 35.9 30.4 70.4

66 60.2 62.9 102.9#





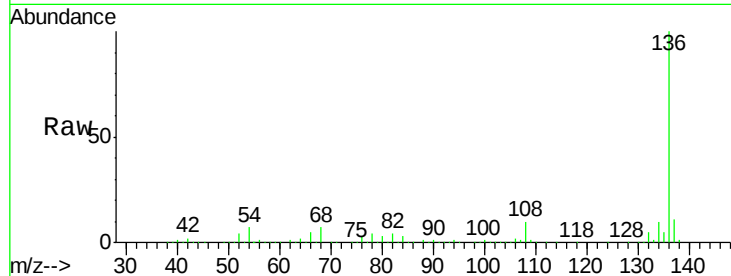
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091100.D
Acq: 8 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
V001-BF014-02

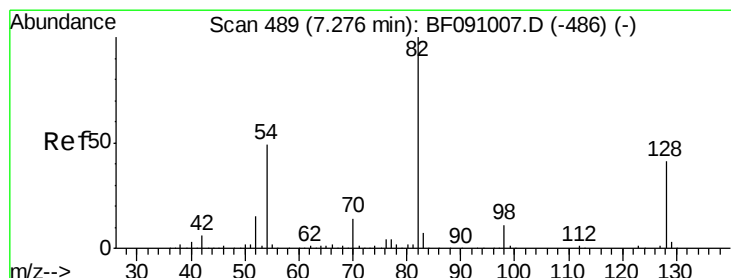
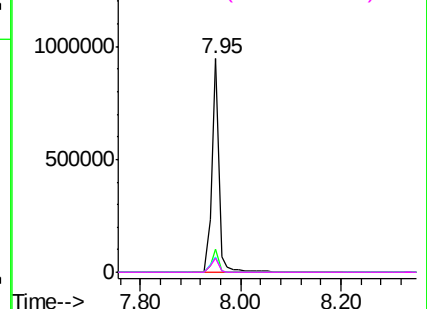
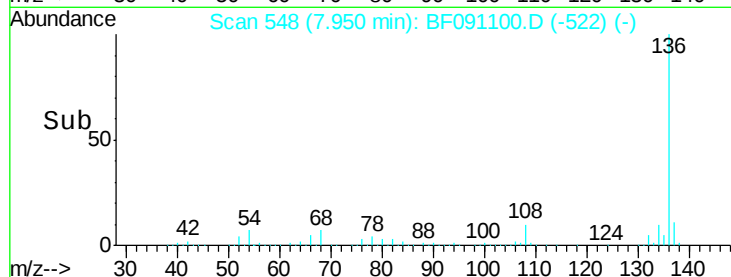
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.4	6.2	9.2	
68	6.6	5.5	8.3	

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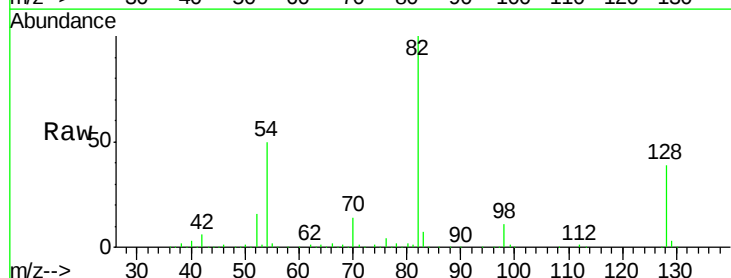


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

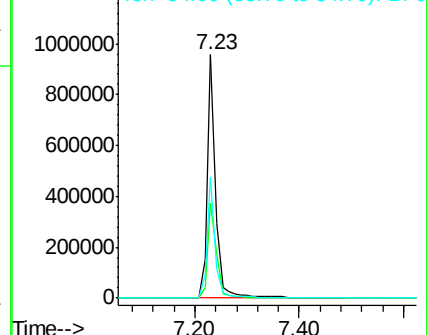
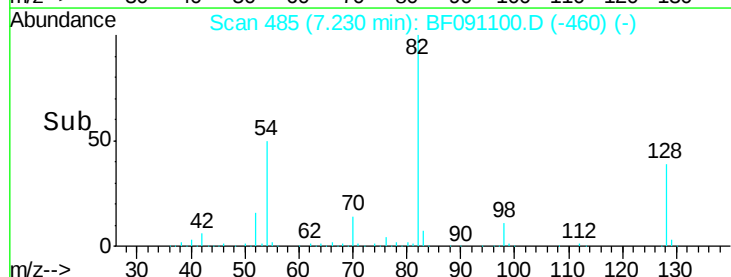


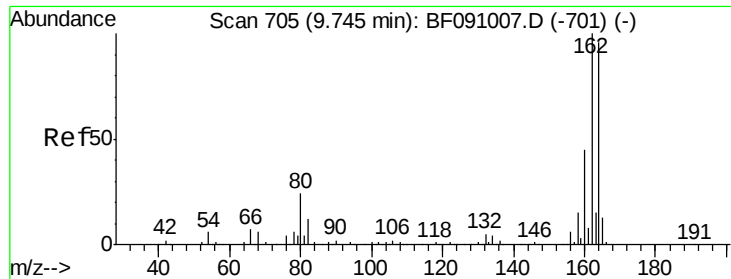
#23
Nitrobenzene-d5
Concen: 64.03 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091100.D
Acq: 8 Nov 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.0	32.4	48.6	
54	49.7	39.2	58.8	



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





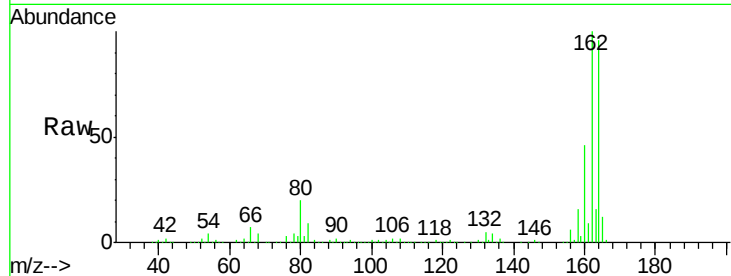
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091100.D
Acq: 8 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
V001-BF014-02

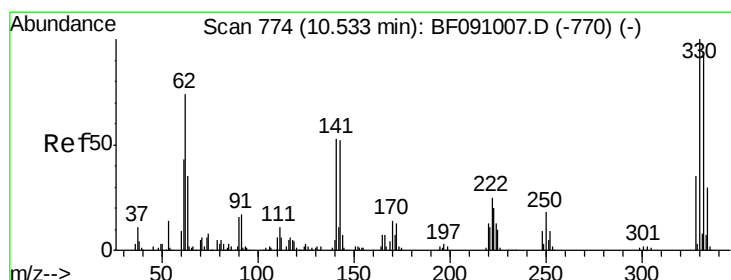
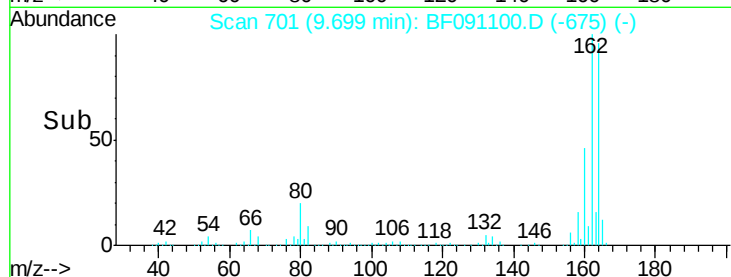
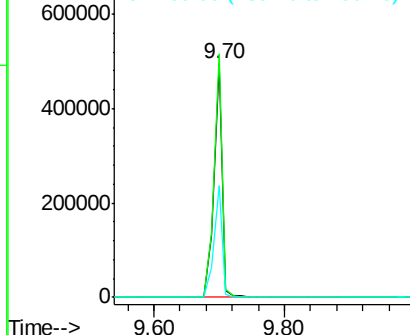
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	83.6	125.4	
160	47.7	37.9	56.9	

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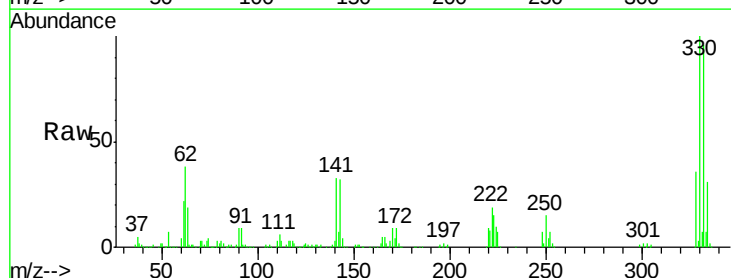


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

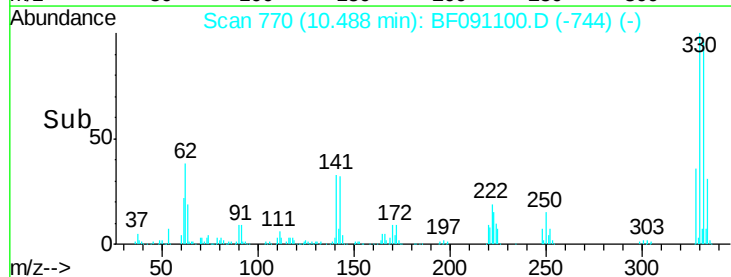
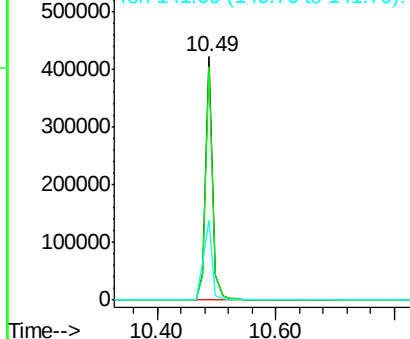


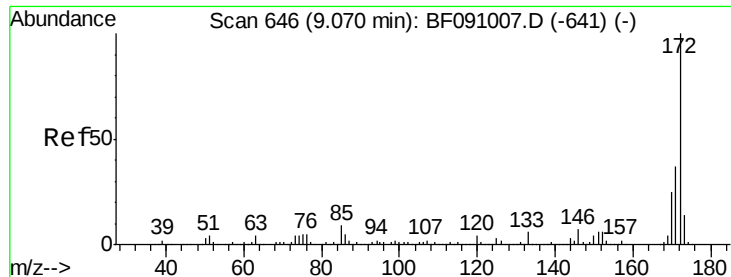
#41
2,4,6-Tribromophenol
Concen: 89.41 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091100.D
Acq: 8 Nov 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	75.9	113.9	
141	41.3	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





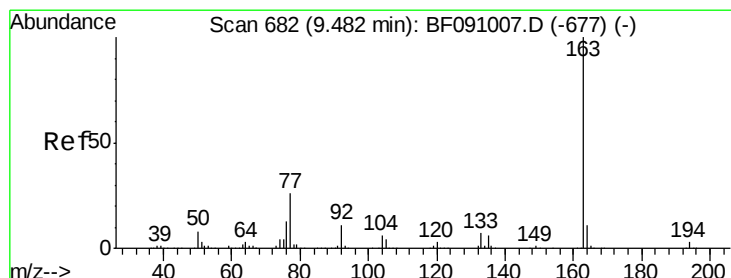
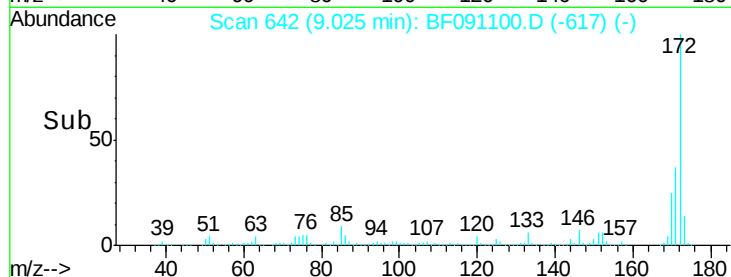
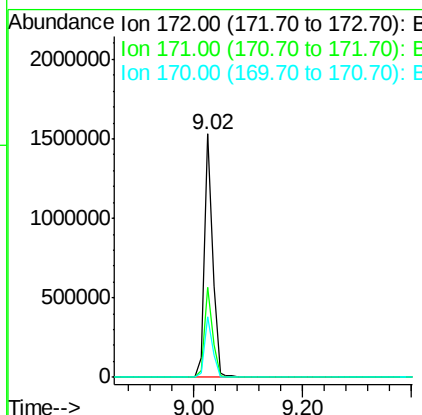
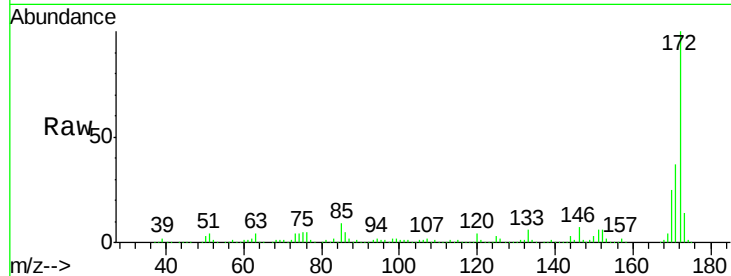
#44
2-Fluorobiphenyl
Concen: 60.56 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091100.D
Acq: 8 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
V001-BF014-02

Tot Ion:172 Resp: 1590660
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 25.0 20.3 30.5

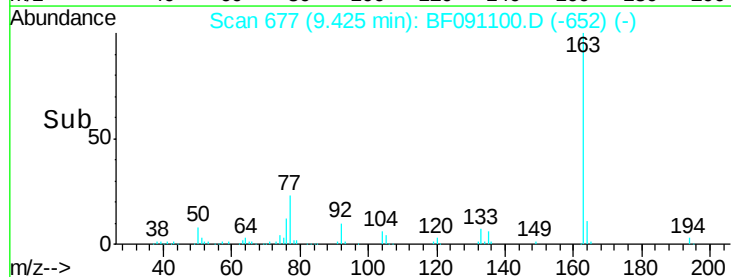
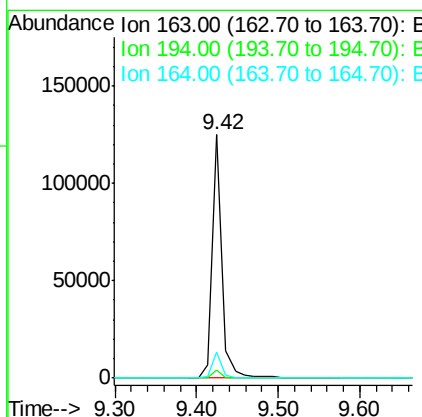
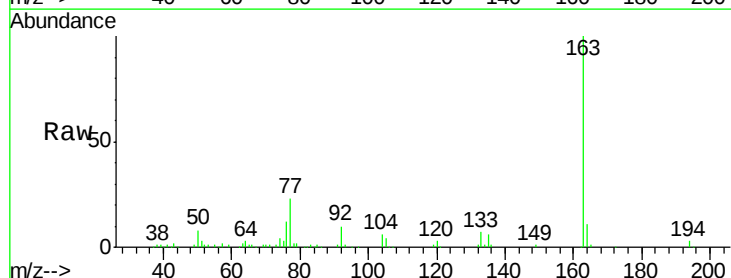
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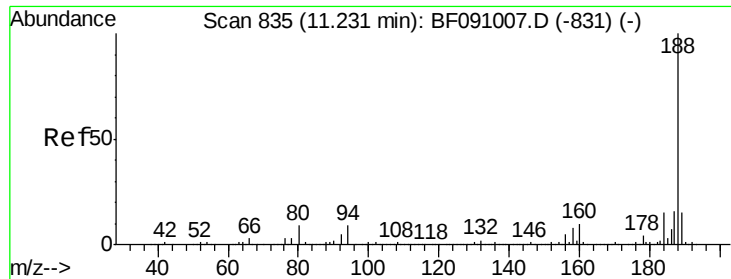
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#49
Dimethylphthalate
Concen: 3.60 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091100.D
Acq: 8 Nov 2016 23:34

Tgt Ion:163 Resp: 106783
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 8.7 13.1





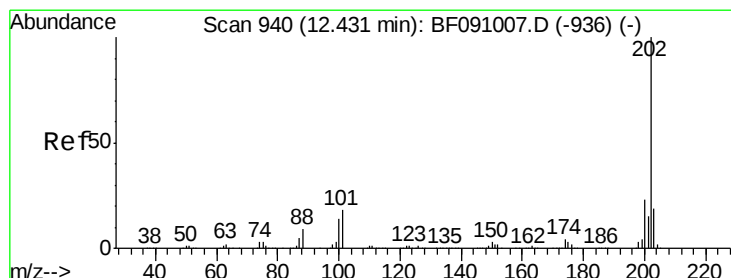
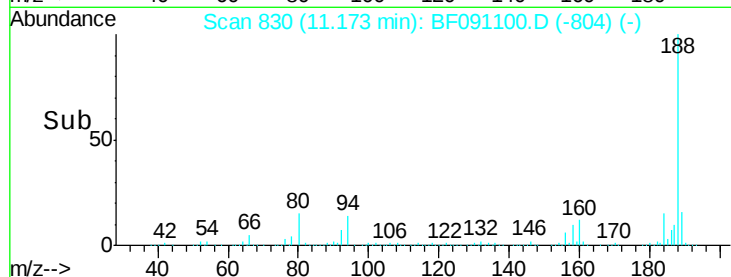
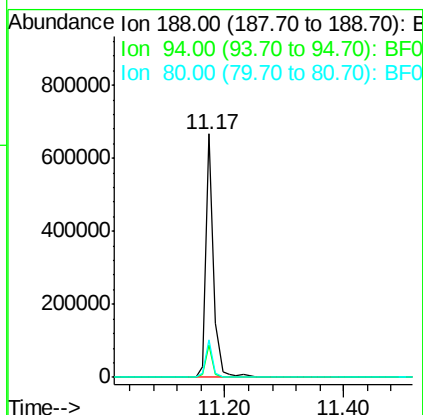
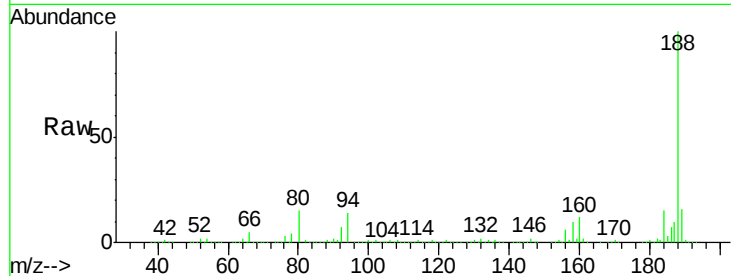
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091100.D
Acq: 8 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
V001-BF014-02

Tot Ion	Ratio	Resp	Lower	Upper
188	100	613399		
94	13.5		7.0	10.4#
80	15.3		7.5	11.3#

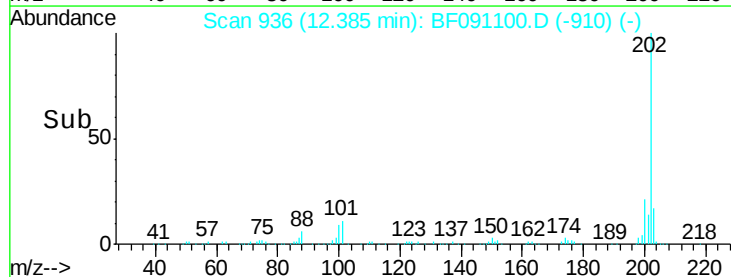
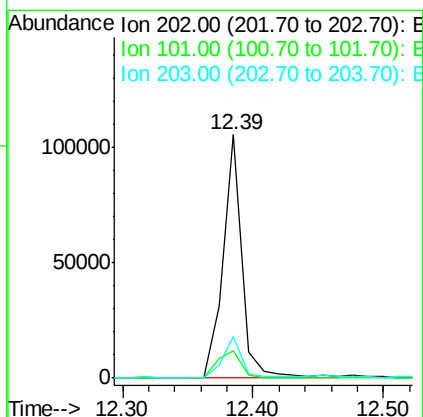
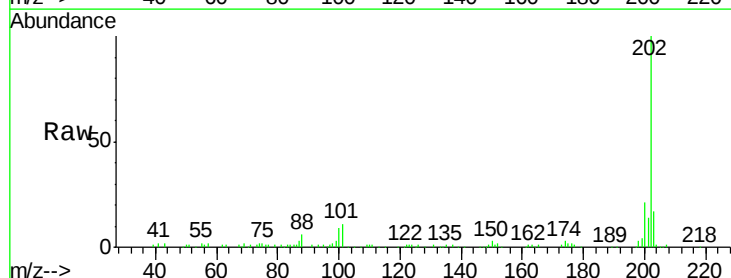
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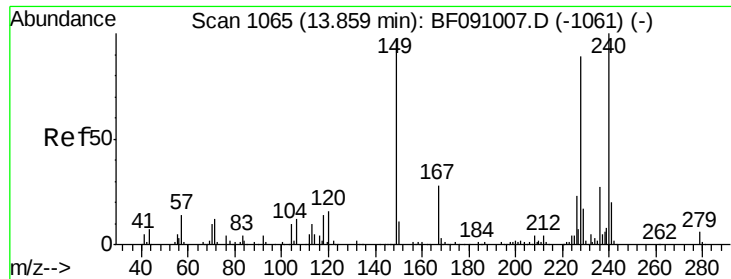
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#74
Fluoranthene
Concen: 3.18 ng
RT: 12.39 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF091100.D
Acq: 8 Nov 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	107630		
101	11.3		0.0	37.6
203	17.1		0.0	38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091100.D

Acq: 8 Nov 2016 23:34

Instrument :

BNA_F

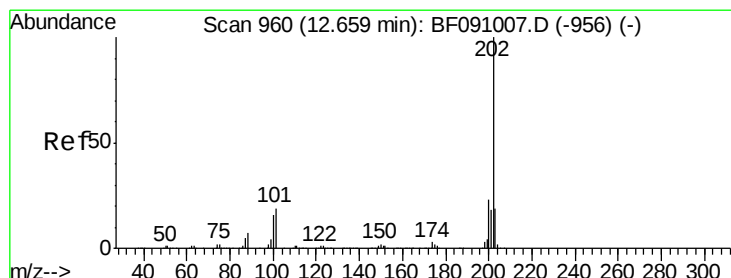
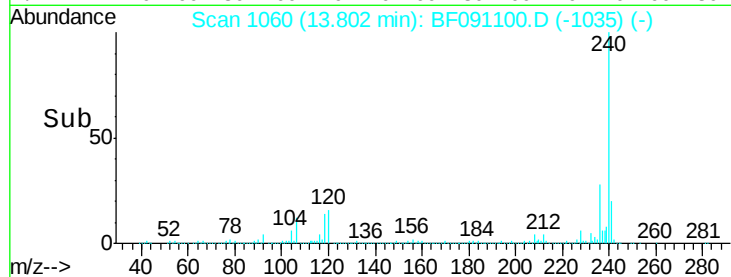
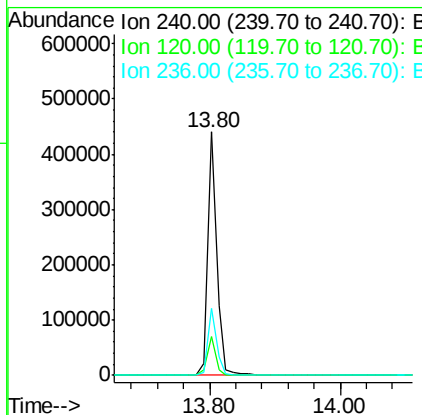
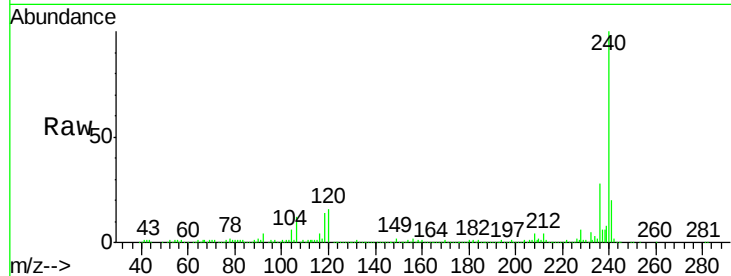
ClientSampleId :

V001-BF014-02

Tot Ion:	240	Resp:	425886
Ion Ratio	Lower	Upper	
240	100		
120	16.0	12.9	19.3
236	27.5	21.9	32.9

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#77

Pyrene

Concen: 3.48 ng

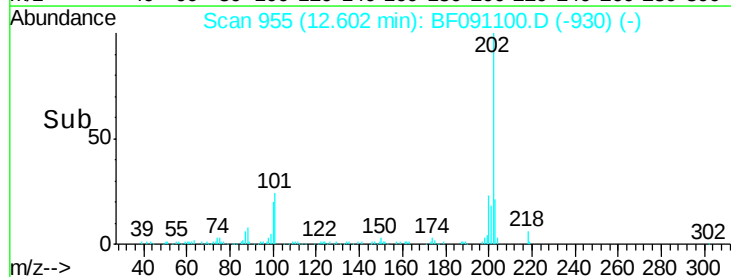
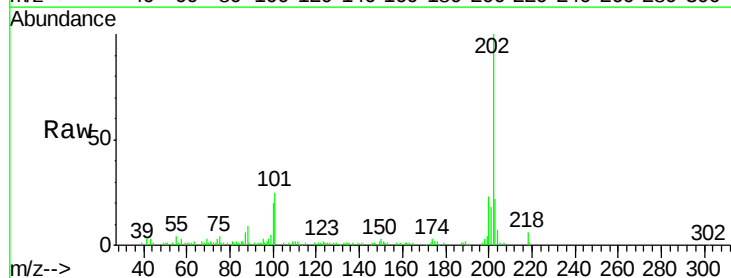
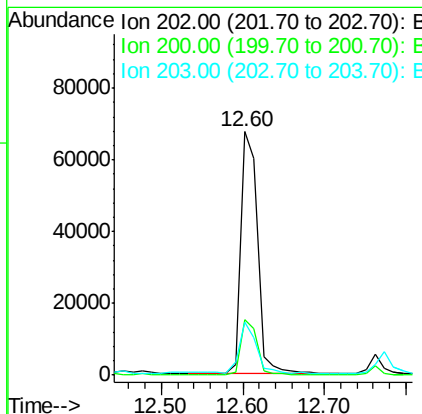
RT: 12.60 min Scan# 955

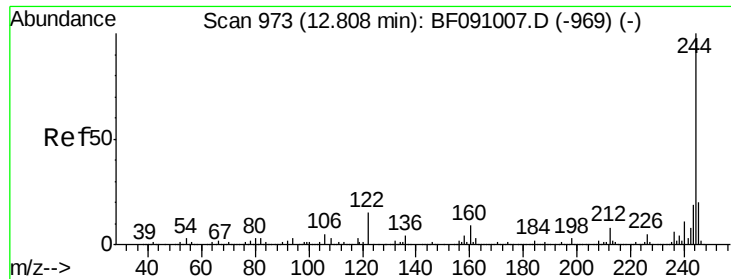
Delta R.T. -0.01 min

Lab File: BF091100.D

Acq: 8 Nov 2016 23:34

Tgt Ion:	202	Resp:	97018
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.4	27.6
203	21.9	15.0	22.6





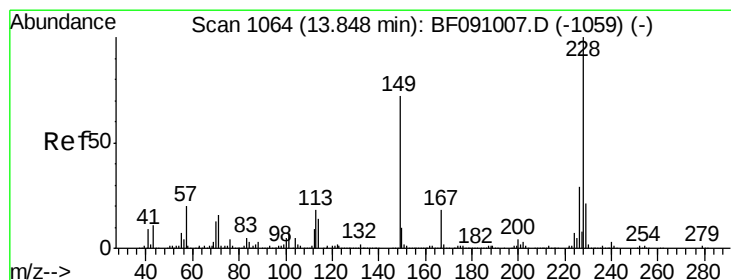
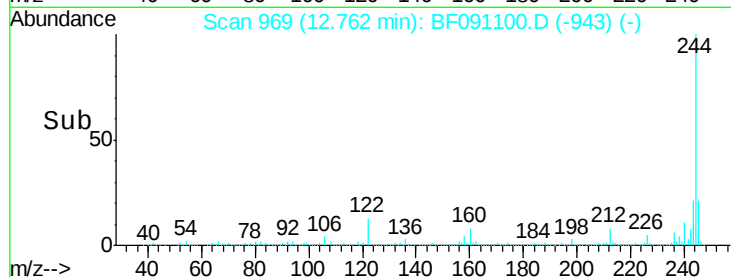
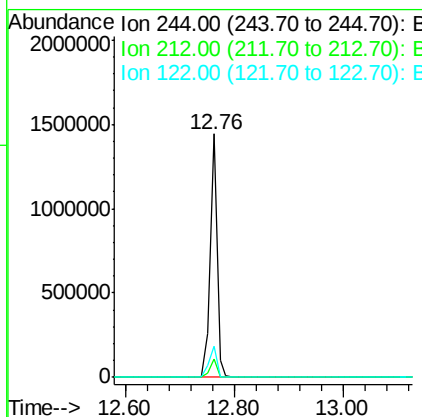
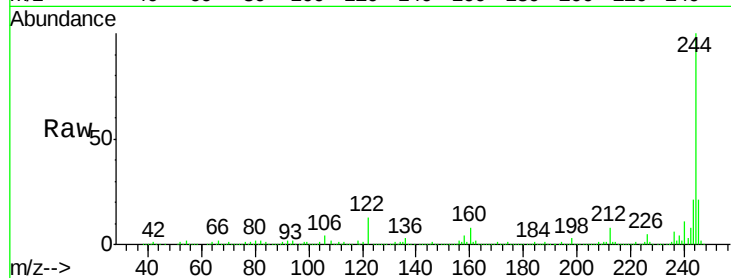
#78
 Terphenyl-d14
 Concen: 74.32 ng
 RT: 12.76 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF091100.D
 Acq: 8 Nov 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF014-02

Tot Ion:244 Resp: 1268350
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 12.7 12.3 18.5

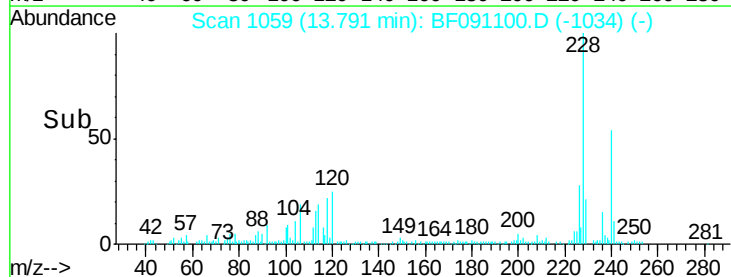
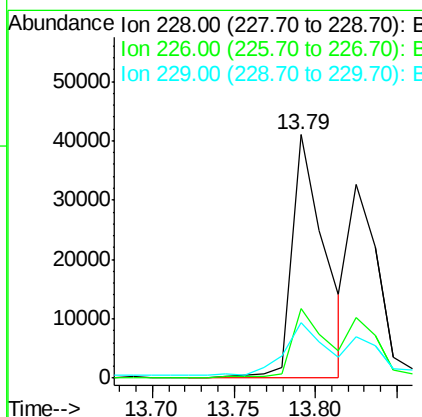
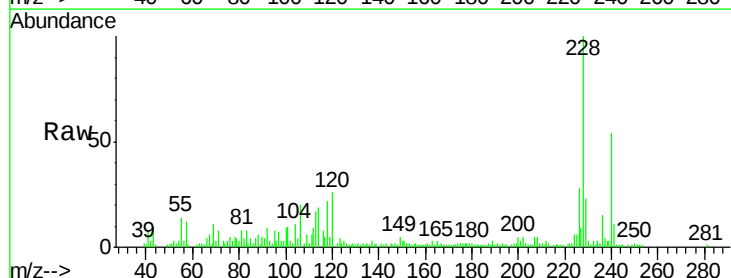
Manual Integrations
 APPROVED

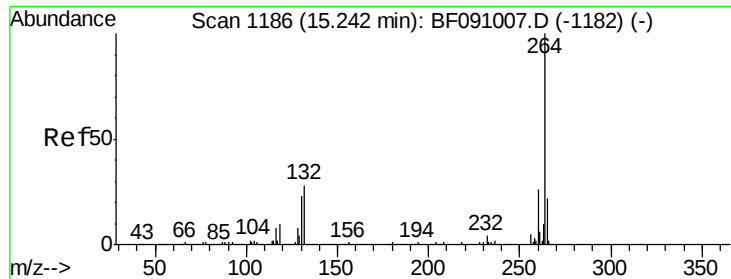
umangi
 11/9/2016 10:56:55 AM



#80
 Benzo(a)anthracene
 Concen: 2.36 ng
 RT: 13.79 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BF091100.D
 Acq: 8 Nov 2016 23:34

Tgt Ion:228 Resp: 57056
 Ion Ratio Lower Upper
 228 100
 226 28.5 23.0 34.6
 229 22.9 16.6 24.8





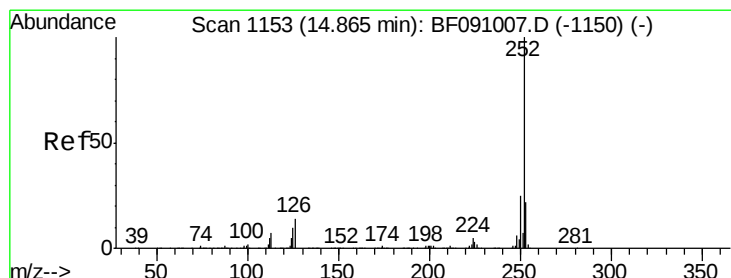
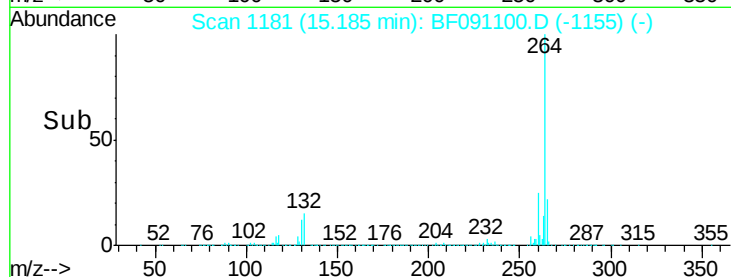
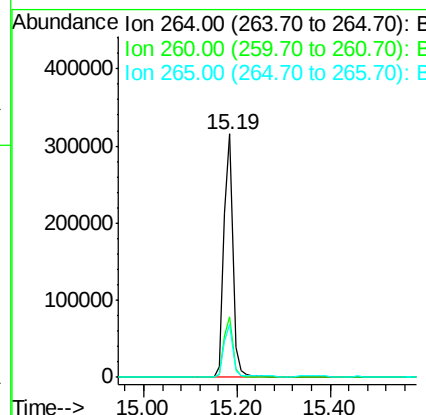
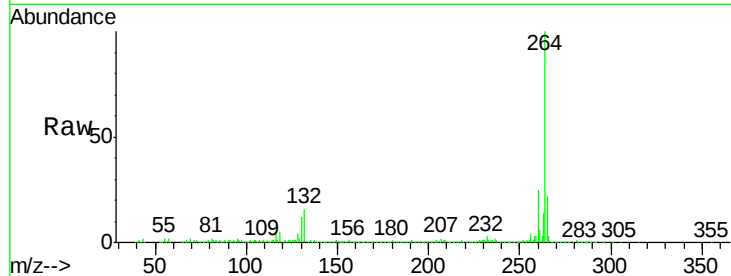
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF091100.D
Acq: 8 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
V001-BF014-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	21.8	17.8	26.8

Manual Integrations
APPROVED

umangi
11/9/2016 10:56:55 AM



#87
Benzo(b)fluoranthene
Concen: 2.53 ng m
RT: 14.81 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF091100.D
Acq: 8 Nov 2016 23:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	15.8	8.3	12.5

