

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094204.D
 Acq On : 5 Apr 2017 22:06
 Operator : SJ/MA
 Sample : I2522-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-9(0-2)

Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:38:39 PM

Quant Time: Apr 06 02:22:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	187068	20.00	ng	-0.04
21) Naphthalene-d8	7.37	136	754475	20.00	ng	-0.04
38) Acenaphthene-d10	9.50	164	327623	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	518433	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	354195	20.00	ng	-0.05
86) Perylene-d12	16.20	264	303424	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1173749	105.98	ng	-0.03
7) Phenol-d6	5.47	99	1486968	108.53	ng	-0.04
23) Nitrobenzene-d5	6.52	82	944866	71.47	ng	-0.04
41) 2,4,6-Tribromophenol	10.48	330	260284	100.54	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1509247	70.26	ng	-0.04
78) Terphenyl-d14	13.30	244	886696	56.11	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.19	163	155211	6.66	ng	98
54) Dibenzofuran	9.76	168	107650	3.94	ng	100
57) Fluorene	10.17	166	66971m	2.96	ng	
70) Phenanthrene	11.36	178	379463	13.16	ng	98
74) Fluoranthene	12.82	202	187269	6.34	ng	98
77) Pyrene	13.09	202	119752	4.66	ng	98

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

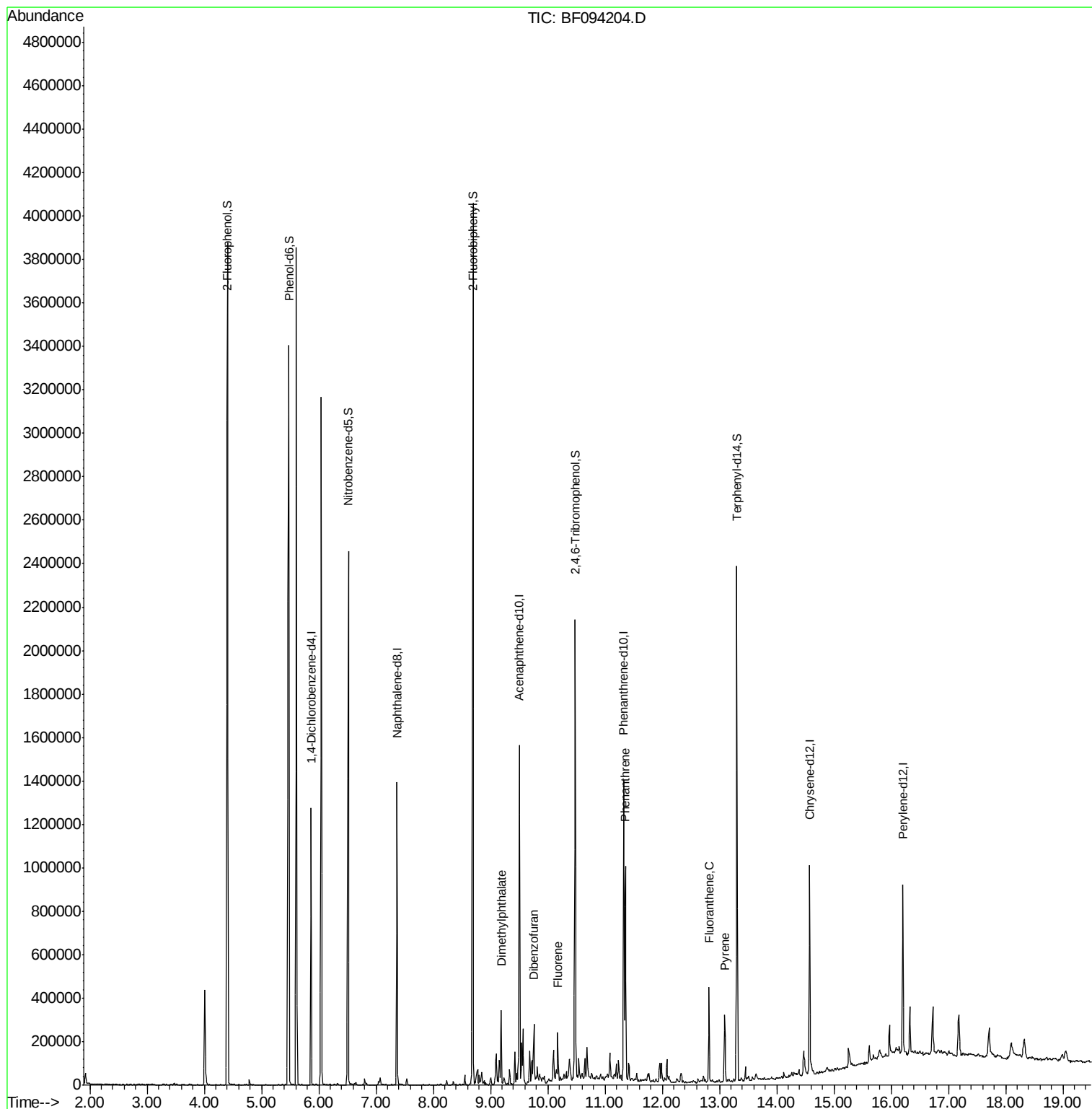
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
Data File : BF094204.D
Acq On : 5 Apr 2017 22:06
Operator : SJ/MA
Sample : I2522-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

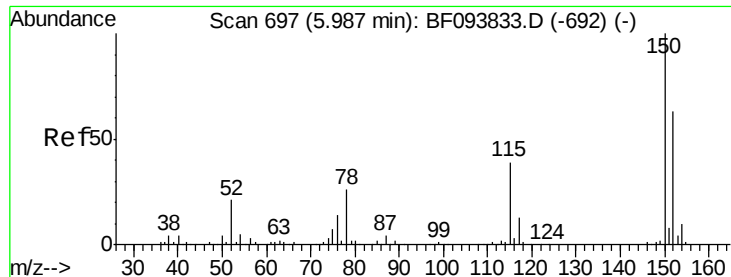
Instrument :
BNA_F
ClientSampleId :
BASING-9(0-2)

Manual Integrations
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Quant Time: Apr 06 02:22:45 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

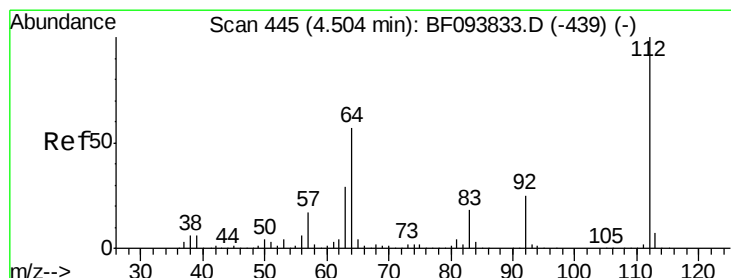
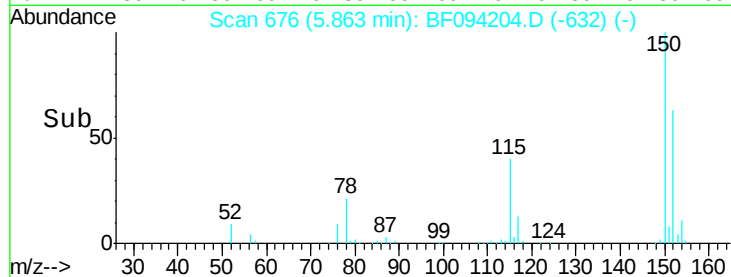
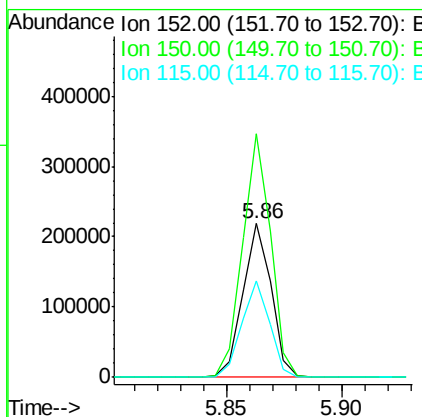
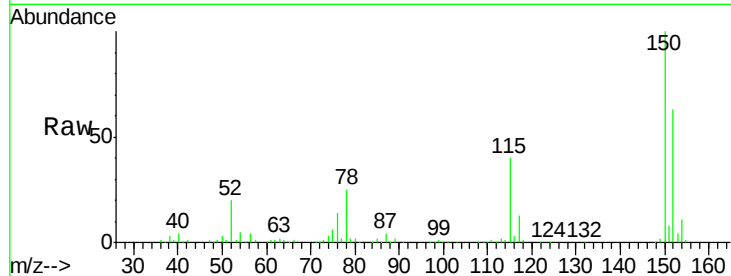
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF094204.D
Acq: 5 Apr 2017 22:06

Instrument :
BNA_F
ClientSampleId :
BASING-9(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	63.1	52.2	78.2

Manual Integrations
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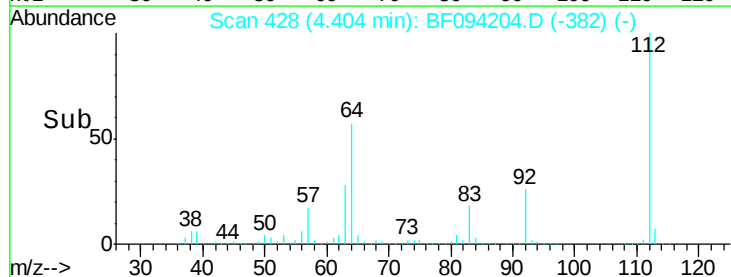
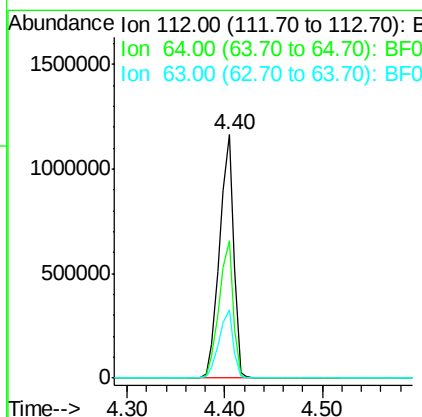
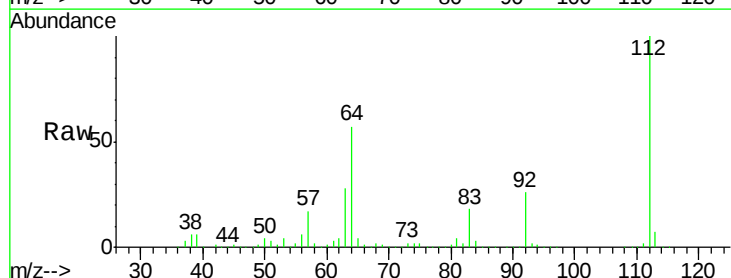
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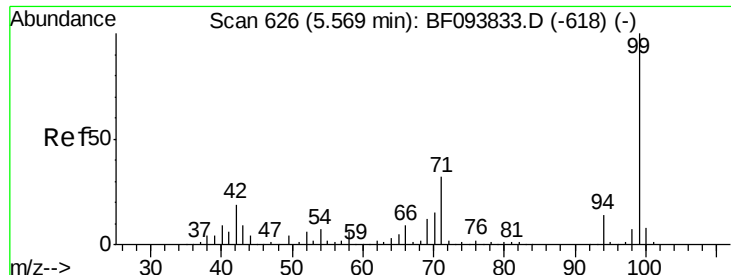


#5

2-Fluorophenol
Concen: 105.98 ng
RT: 4.40 min Scan# 428
Delta R.T. -0.03 min
Lab File: BF094204.D
Acq: 5 Apr 2017 22:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.0	69.0
63	28.0	23.4	35.0





#7

Phenol-d6

Concen: 108.53 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094204.D

Acq: 5 Apr 2017 22:06

Instrument :

BNA_F

ClientSampleId :

BASING-9(0-2)

Tot Ion: 99 Resp: 1486968

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

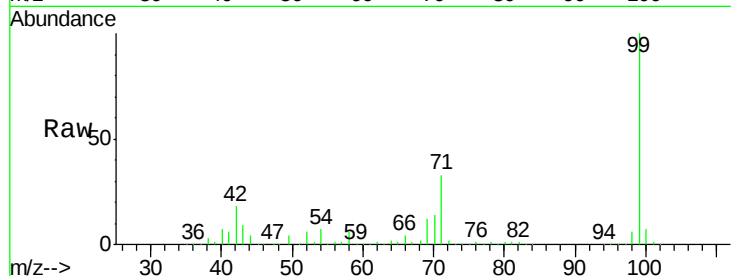
71 32.5 24.5 36.7

Manual Integrations

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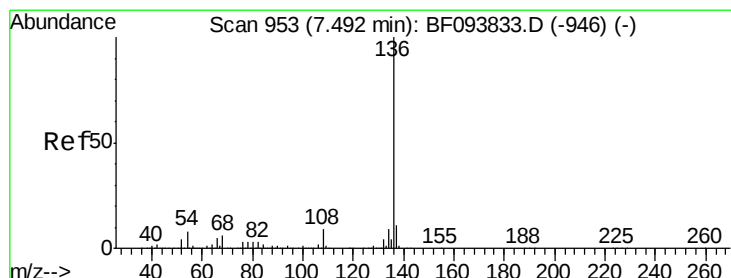
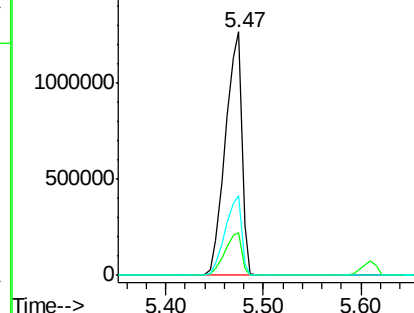
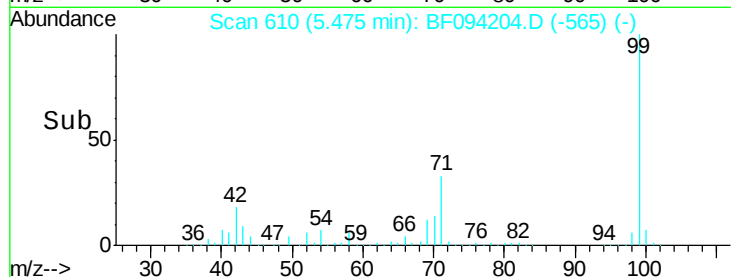
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.04 min

Lab File: BF094204.D

Acq: 5 Apr 2017 22:06

Tgt Ion: 136 Resp: 754475

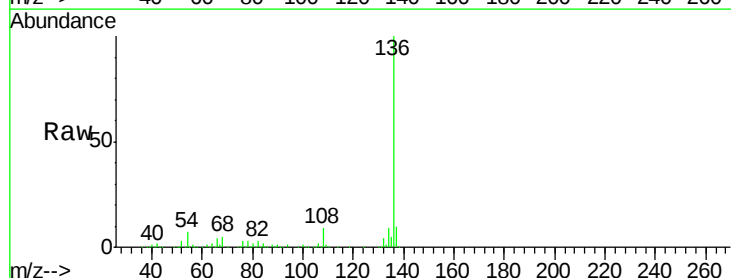
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

68 5.5 4.1 6.1

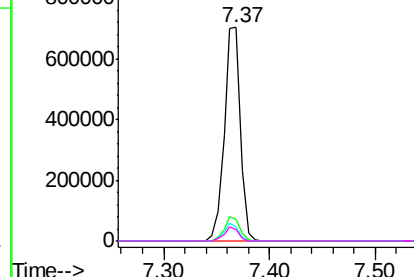
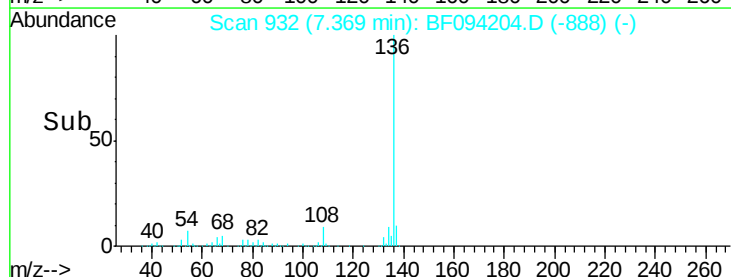


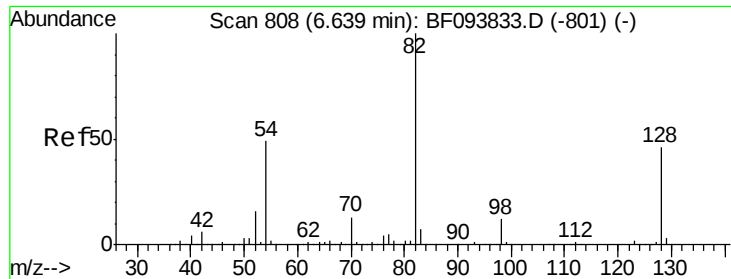
Abundance Ion 136.00 (135.70 to 136.70): E

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





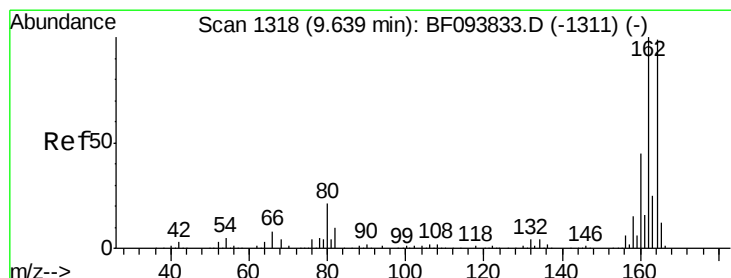
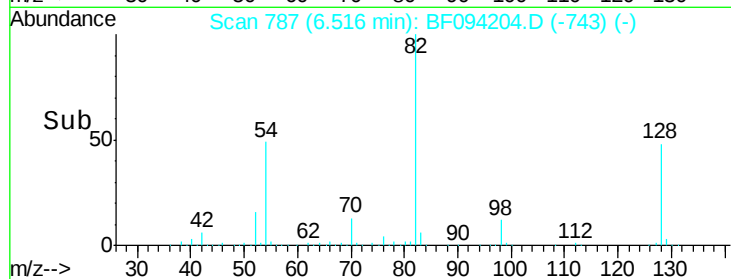
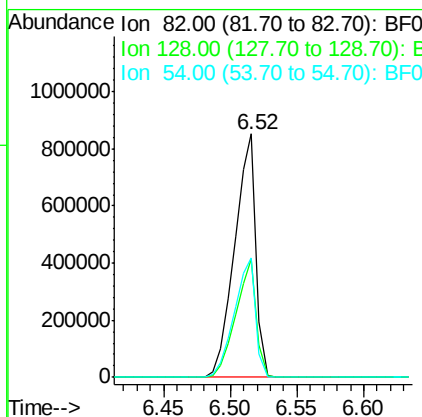
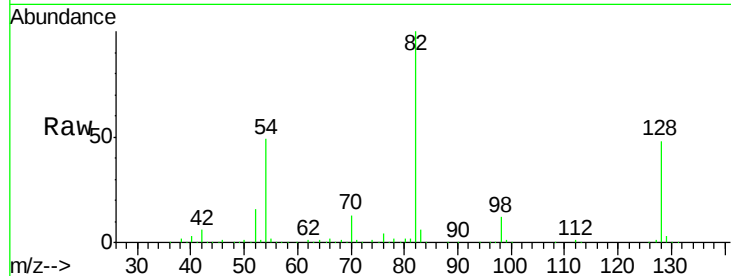
#23
 Nitrobenzene-d5
 Concen: 71.47 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF094204.D
 Acq: 5 Apr 2017 22:06

Instrument :
 BNA_F
 ClientSampleId :
 BASING-9(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	48.9	42.2	63.2

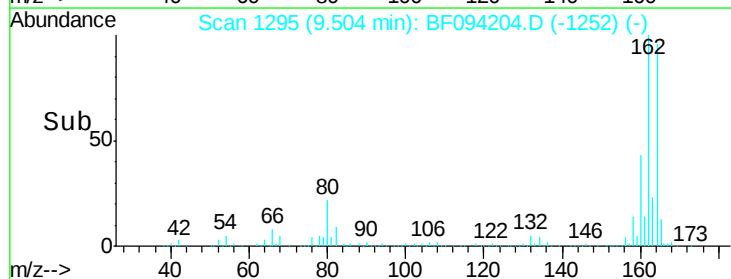
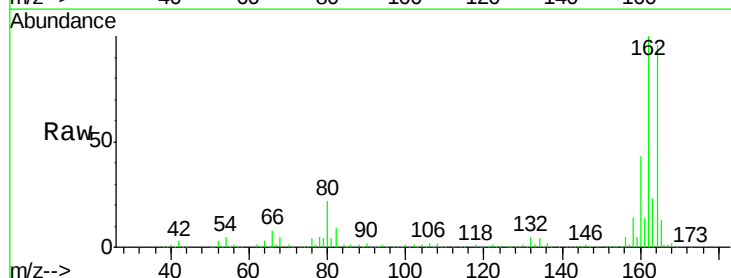
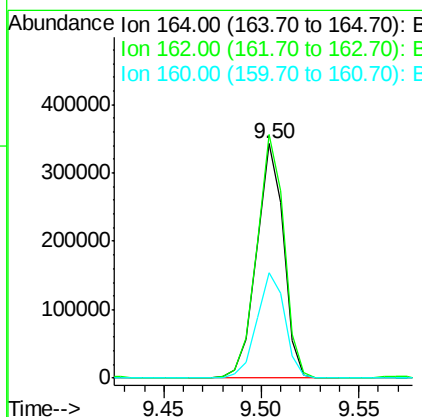
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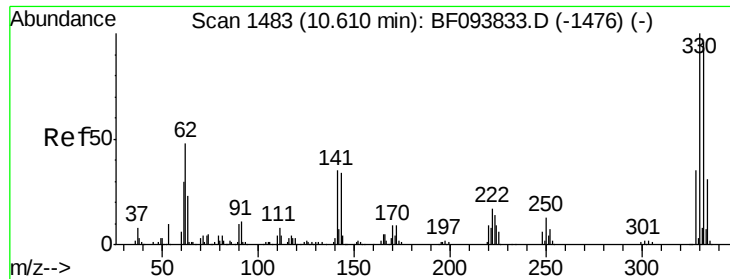
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094204.D
 Acq: 5 Apr 2017 22:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	44.8	36.2	54.2





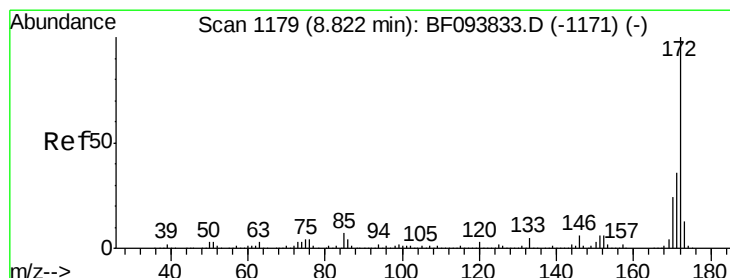
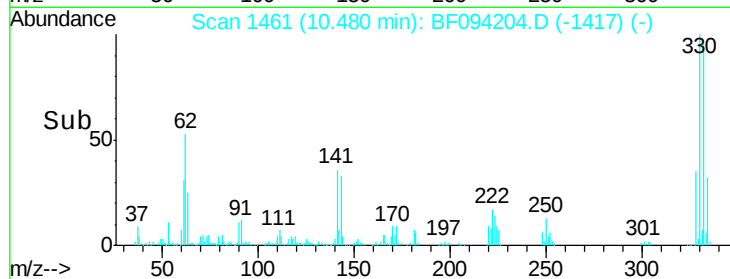
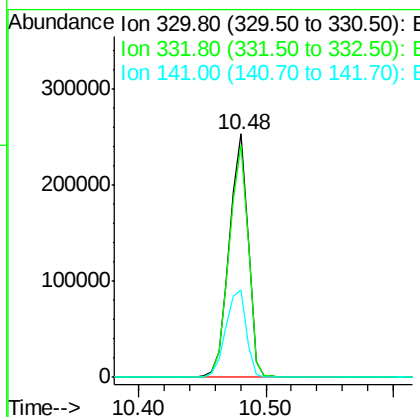
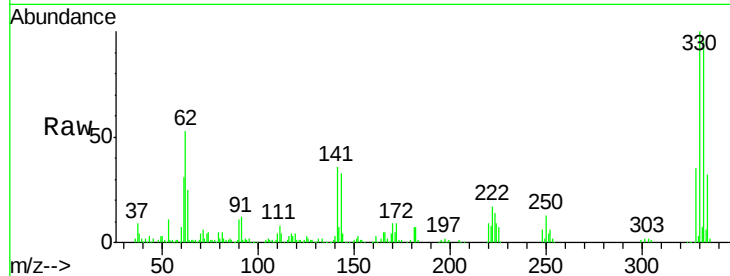
#41
 2,4,6-Tribromophenol
 Concen: 100.54 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094204.D
 Acq: 5 Apr 2017 22:06

Instrument :
 BNA_F
 ClientSampleId :
 BASING-9(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	260284		
332	96.7		76.6	115.0
141	39.5		31.4	47.2

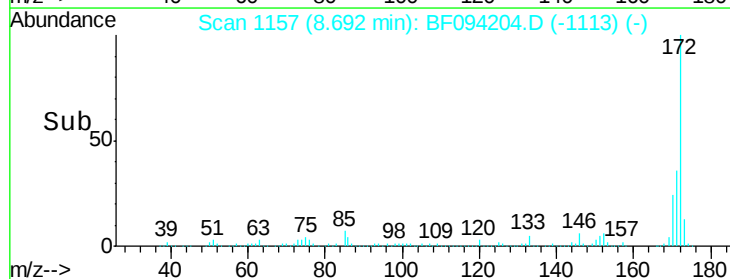
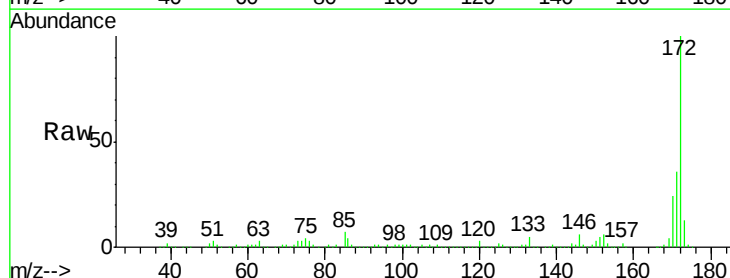
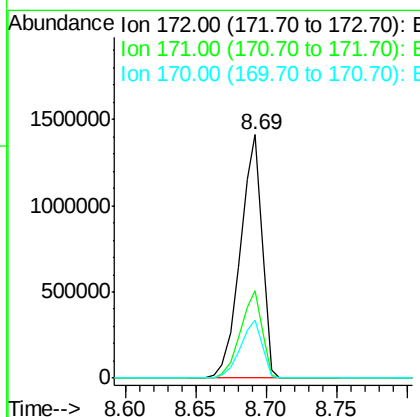
Manual Integrations
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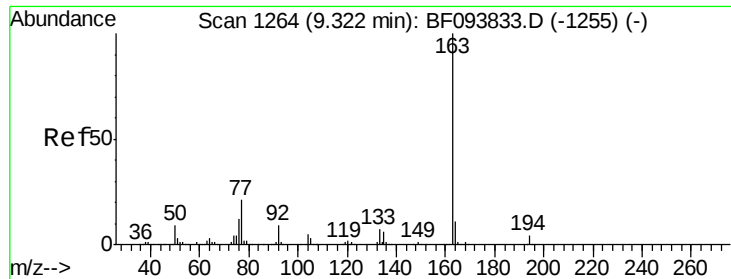
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#44
 2-Fluorobiphenyl
 Concen: 70.26 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094204.D
 Acq: 5 Apr 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1509247		
171	36.1		29.6	44.4
170	24.0		19.8	29.8





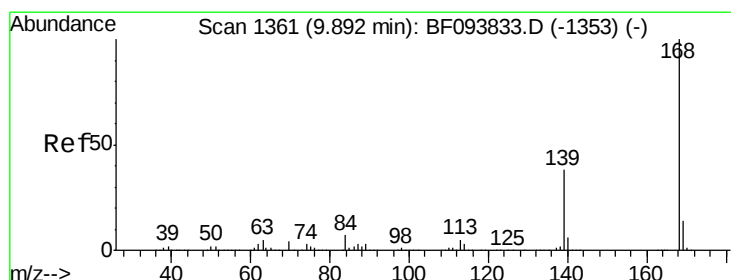
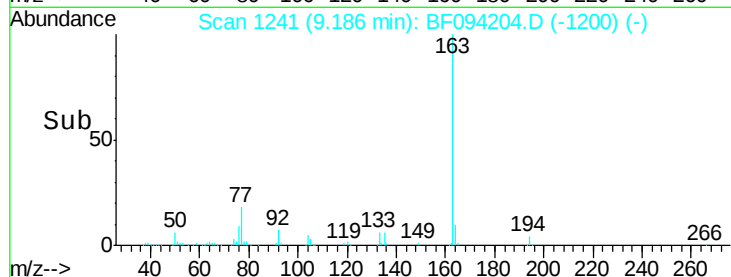
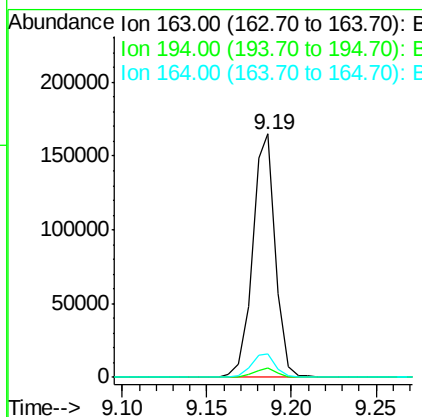
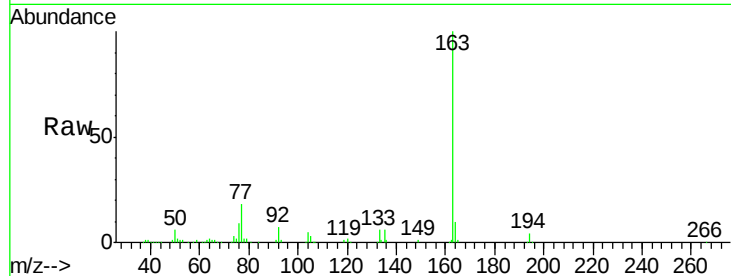
#49
Dimethylphthalate
Concen: 6.66 ng
RT: 9.19 min Scan# 1241
Delta R.T. -0.06 min
Lab File: BF094204.D
Acq: 5 Apr 2017 22:06

Instrument :
BNA_F
ClientSampleId :
BASING-9(0-2)

Tot Ion:	163	Resp:	155211
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.6	4.0
164	9.8	8.4	12.6

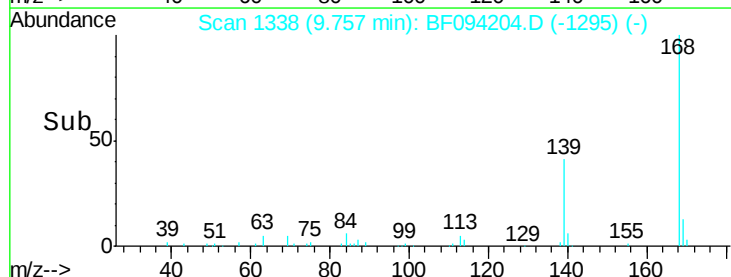
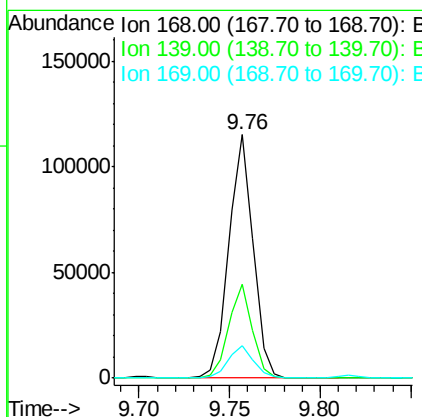
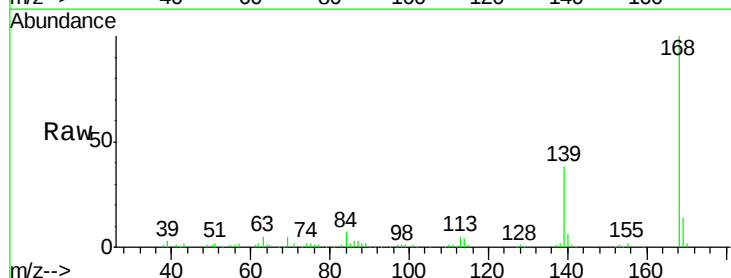
Manual Integrations
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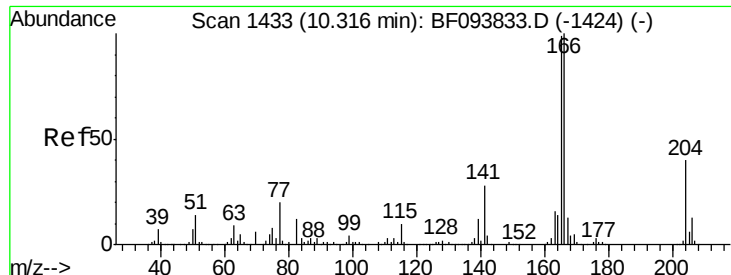
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#54
Dibenzofuran
Concen: 3.94 ng
RT: 9.76 min Scan# 1338
Delta R.T. -0.05 min
Lab File: BF094204.D
Acq: 5 Apr 2017 22:06

Tgt Ion:	168	Resp:	107650
Ion Ratio	Lower	Upper	
168	100		
139	38.3	30.6	45.8
169	13.5	10.8	16.2





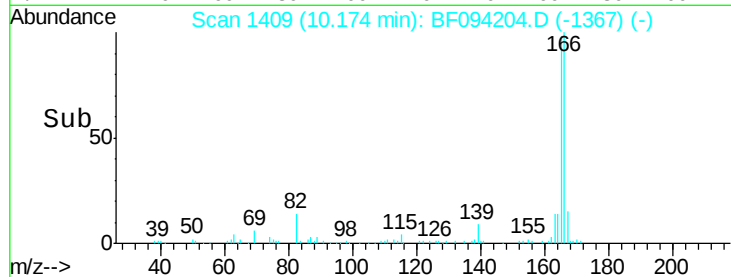
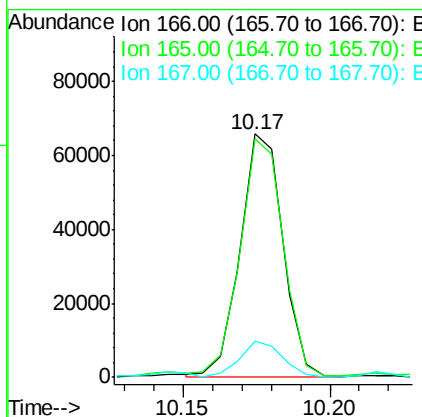
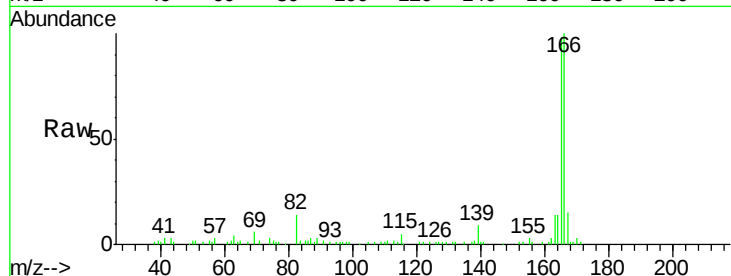
#57
Fluorene
 Concen: 2.96 ng/ml
 RT: 10.17 min Scan# 1409
 Delta R.T. -0.05 min
 Lab File: BF094204.D
 Acq: 5 Apr 2017 22:06

Instrument :
 BNA_F
 ClientSampleId :
 BASING-9(0-2)

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	15.1	10.6	16.0

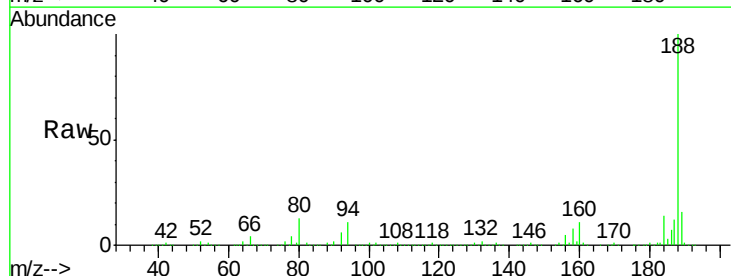
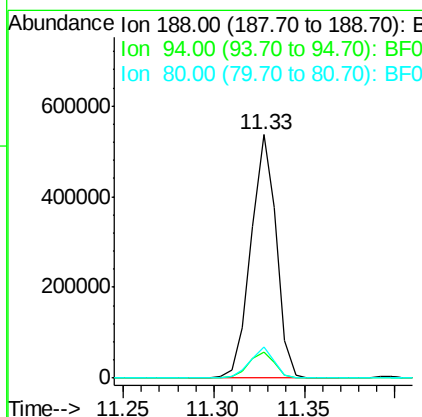
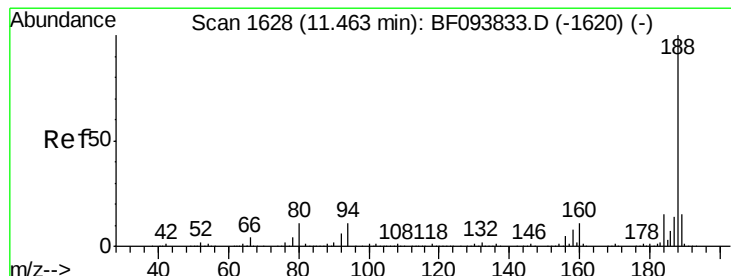
Manual Integrations
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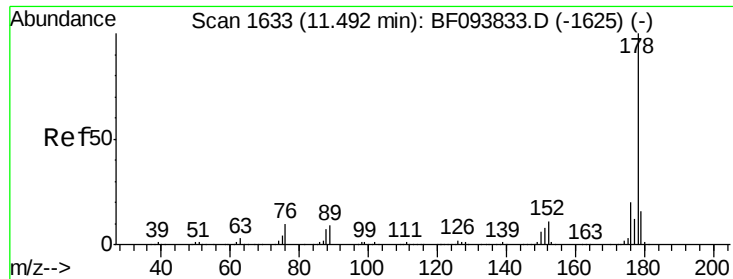
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.05 min
 Lab File: BF094204.D
 Acq: 5 Apr 2017 22:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	12.7	10.2	15.2





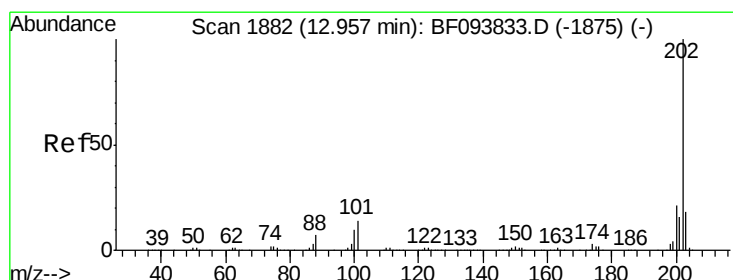
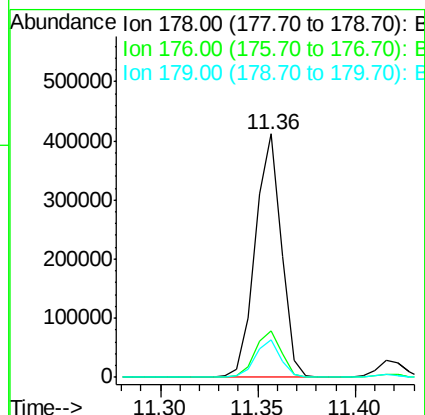
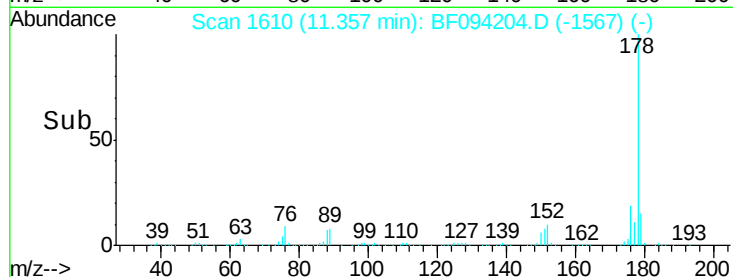
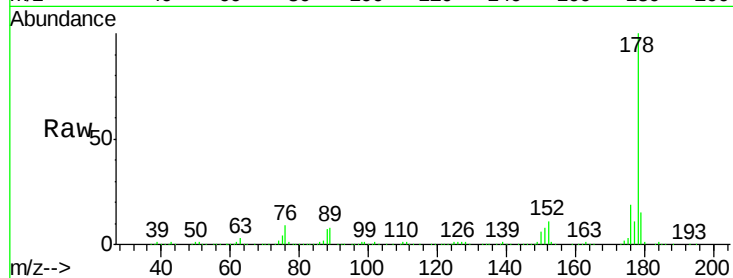
#70
Phenanthrene
Concen: 13.16 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.05 min
Lab File: BF094204.D
Acq: 5 Apr 2017 22:06

Instrument :
BNA_F
ClientSampleId :
BASING-9(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.4	12.6	19.0

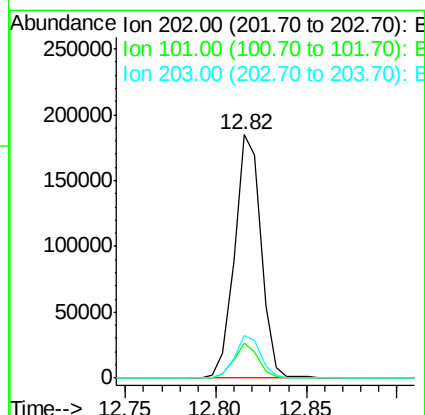
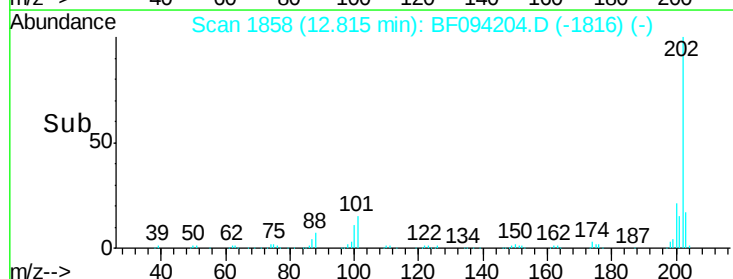
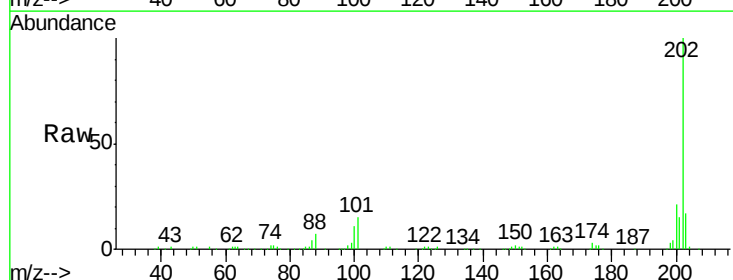
Manual Integrations
APPROVED

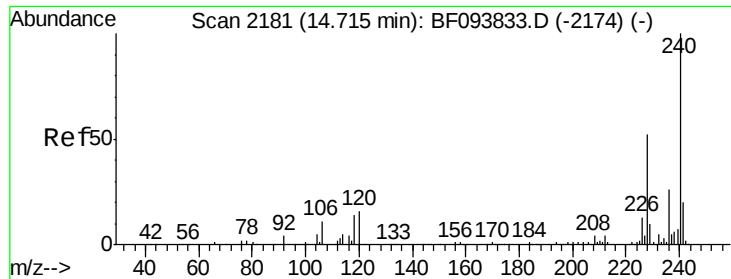
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#74
Fluoranthene
Concen: 6.34 ng
RT: 12.82 min Scan# 1858
Delta R.T. -0.05 min
Lab File: BF094204.D
Acq: 5 Apr 2017 22:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	33.2
203	17.3	0.0	38.1





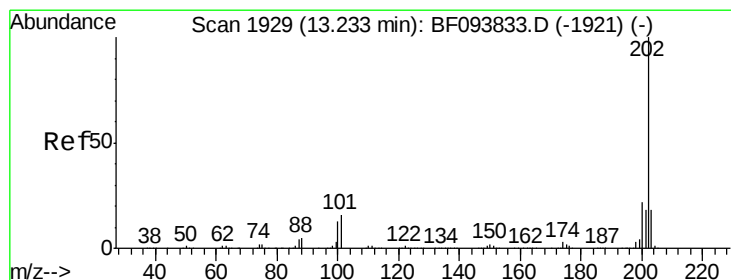
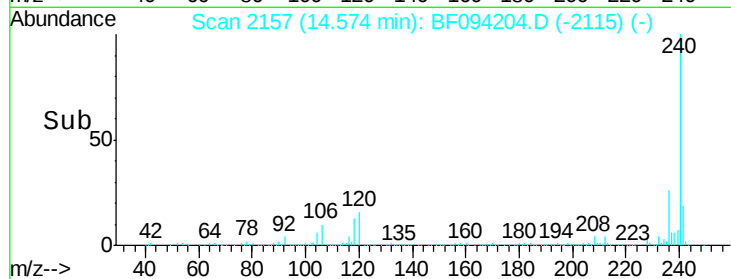
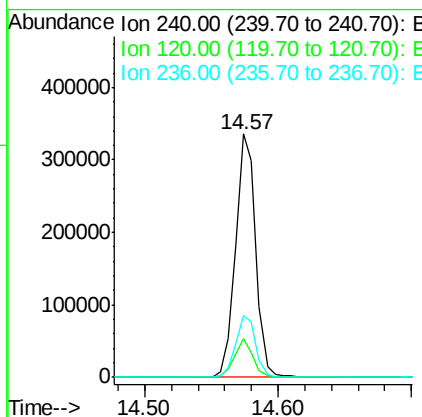
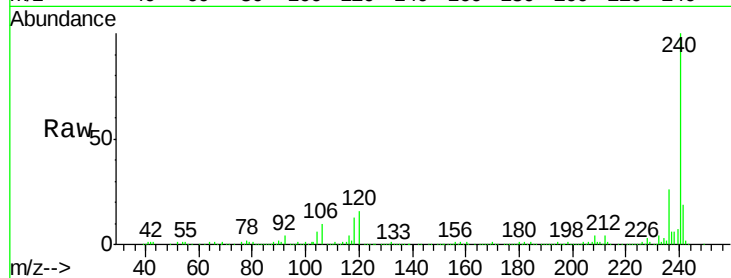
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.05 min
Lab File: BF094204.D
Acq: 5 Apr 2017 22:06

Instrument :
BNA_F
ClientSampleId :
BASING-9(0-2)

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.8	8.8#
236	25.6	20.5	30.7

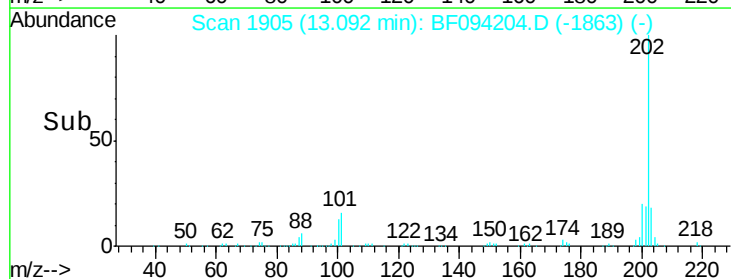
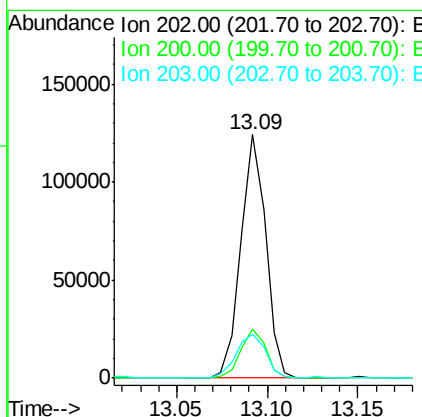
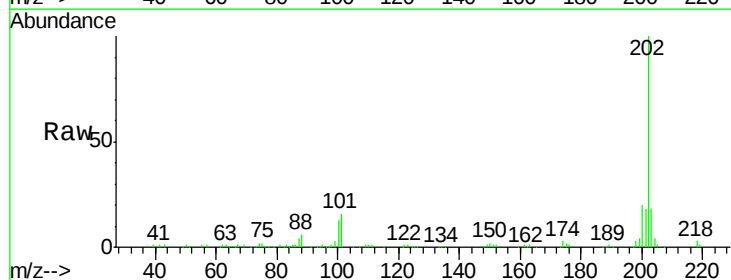
Manual Integrations
APPROVED

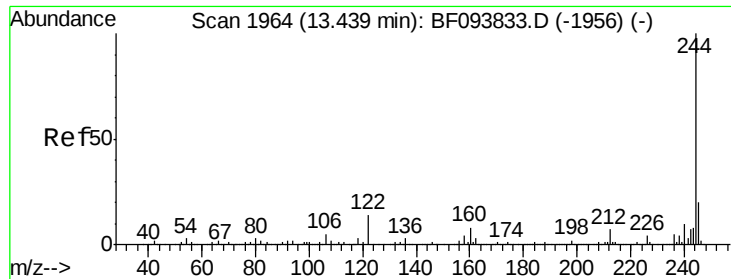
mohammad
4/6/2017 3:38:39 PM



#77
Pyrene
Concen: 4.66 ng
RT: 13.09 min Scan# 1905
Delta R.T. -0.05 min
Lab File: BF094204.D
Acq: 5 Apr 2017 22:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.6	26.4
203	17.8	14.4	21.6





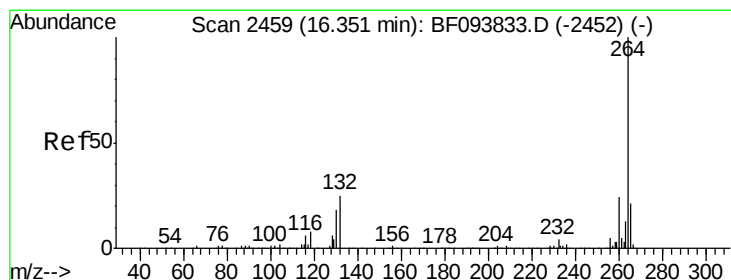
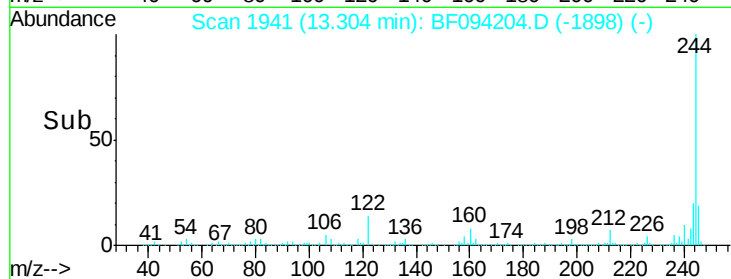
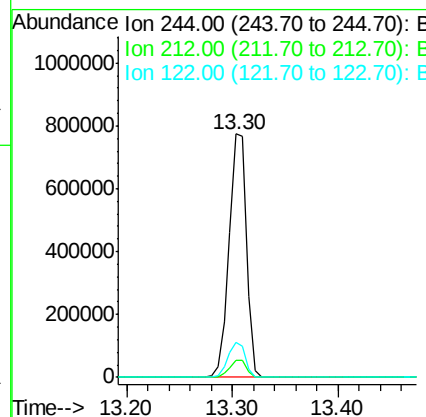
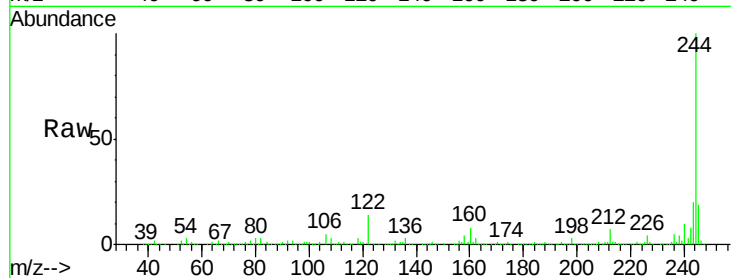
#78
 Terphenyl-d14
 Concen: 56.11 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. -0.05 min
 Lab File: BF094204.D
 Acq: 5 Apr 2017 22:06

Instrument :
 BNA_F
 ClientSampleId :
 BASING-9(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.5	10.3	15.5

Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:38:39 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.05 min
 Lab File: BF094204.D
 Acq: 5 Apr 2017 22:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.2	17.2	25.8

