

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090598.D
 Acq On : 15 Oct 2016 10:17
 Operator : UM/SJ
 Sample : H5192-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

Manual Integrations
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Quant Time: Oct 17 11:52:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	203331	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	776051	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	362813	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	568203	20.00	ng	0.00
75) Chrysene-d12	14.10	240	396980	20.00	ng	0.00
86) Perylene-d12	15.56	264	338505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1106306	99.75	ng	0.00
7) Phenol-d6	6.55	99	1635042	99.21	ng	0.00
23) Nitrobenzene-d5	7.48	82	915826	65.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	273255	84.48	ng	0.01
44) 2-Fluorobiphenyl	9.30	172	1406157	63.86	ng	0.01
78) Terphenyl-d14	13.05	244	987102	57.90	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.69	163	332550	14.13	ng	# 88
51) Acenaphthene	10.01	154	209812	9.63	ng	# 88
57) Fluorene	10.53	166	337888	14.29	ng	# 82
70) Phenanthrene	11.49	178	961988	31.72	ng	# 95
74) Fluoranthene	12.67	202	103718	3.40	ng	83
77) Pyrene	12.90	202	176722	6.72	ng	95

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

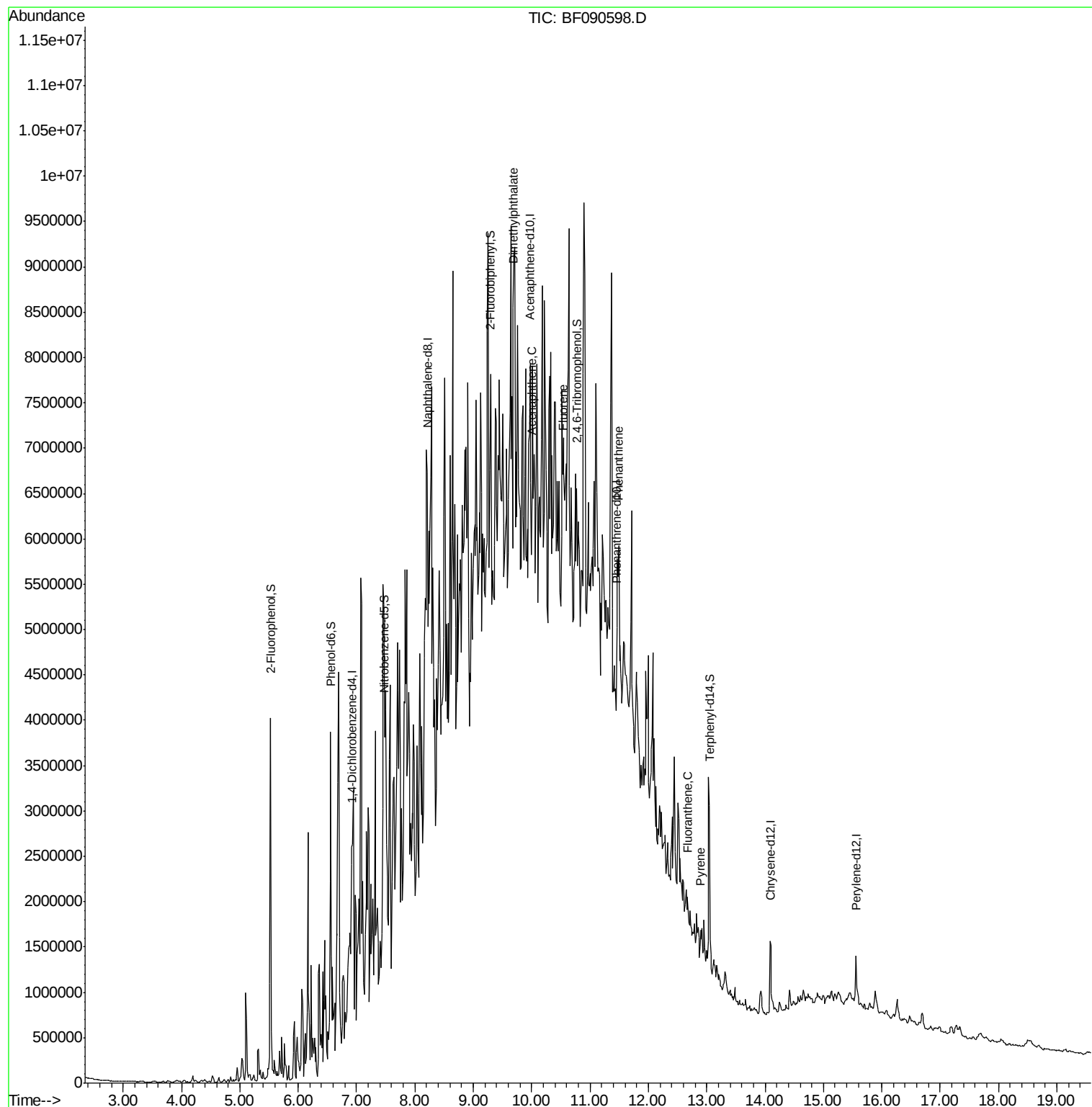
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090598.D
Acq On : 15 Oct 2016 10:17
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Sample : H5192-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

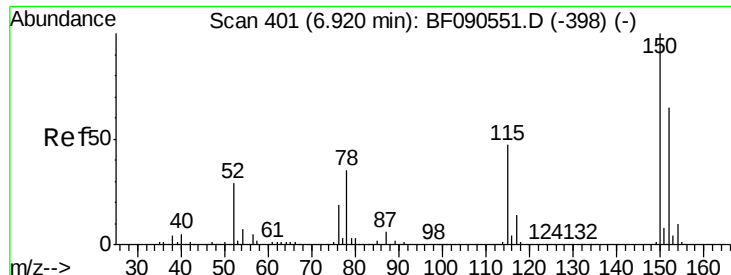
Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

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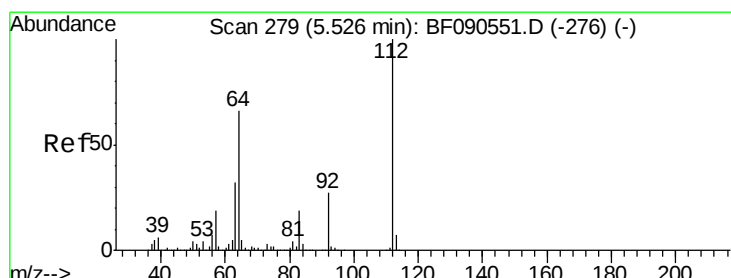
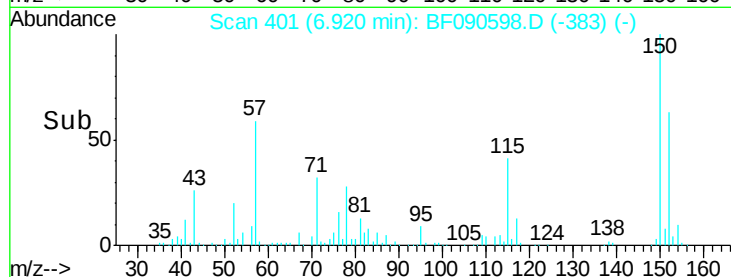
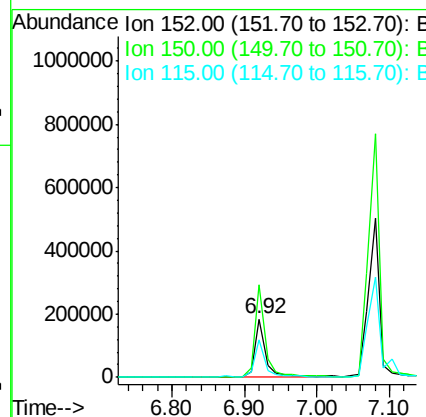
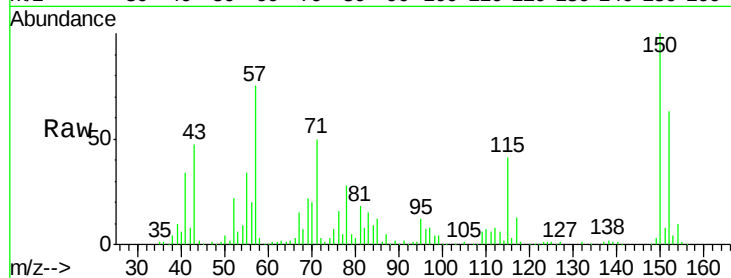
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF090598.D
 Acq: 15 Oct 2016 10:17

Instrument :
 BNA_F
 ClientSampled :
 MJSB-18(11-13)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	127.2	190.8
115	65.0	58.6	88.0

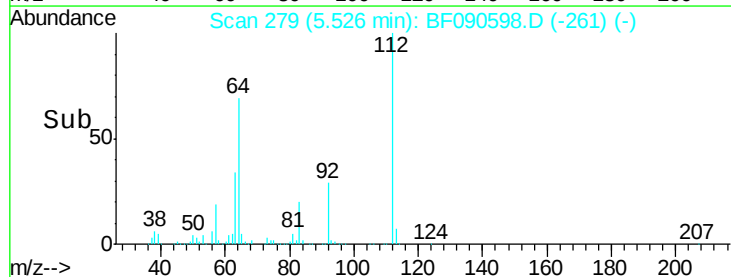
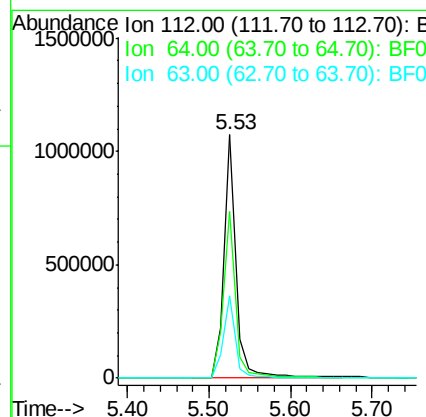
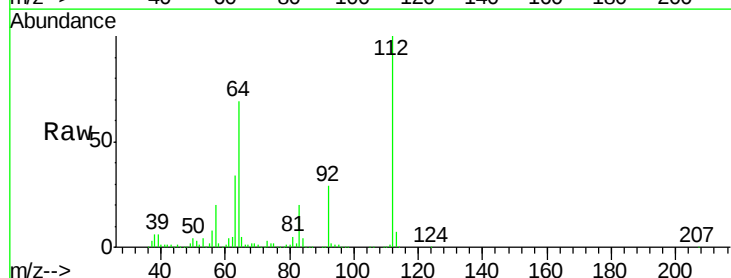
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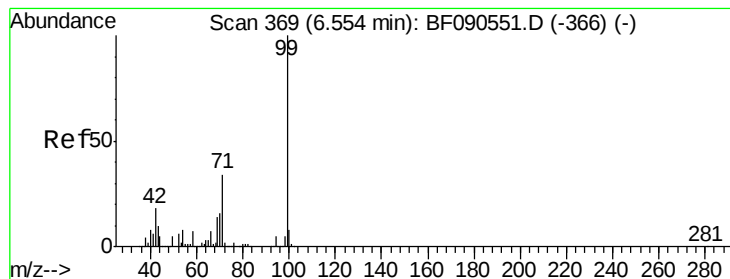
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#5
 2-Fluorophenol
 Concen: 99.75 ng
 RT: 5.53 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: BF090598.D
 Acq: 15 Oct 2016 10:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	52.6	78.8
63	33.7	26.0	39.0





#7

Phenol-d6

Concen: 99.21 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF090598.D

Acq: 15 Oct 2016 10:17

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

Tot Ion: 99 Resp: 1635042

Ion Ratio Lower Upper

99 100

42 15.8 14.7 22.1

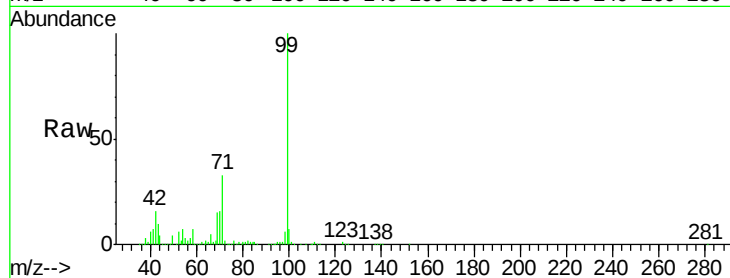
71 33.1 27.6 41.4

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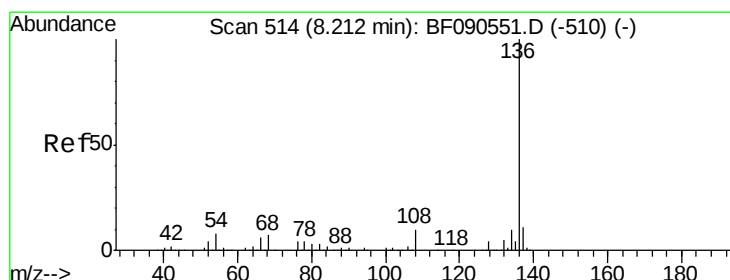
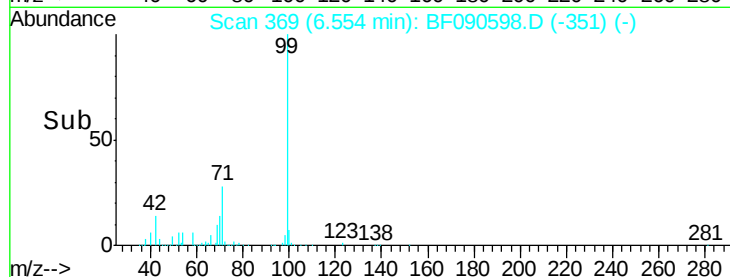
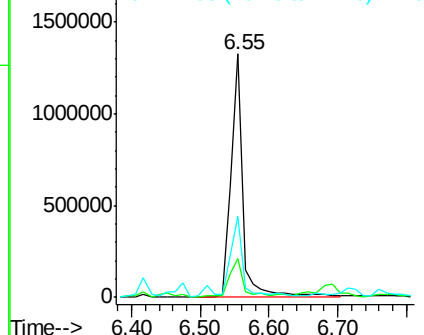
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.21 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF090598.D

Acq: 15 Oct 2016 10:17

Tgt Ion: 136 Resp: 776051

Ion Ratio Lower Upper

136 100

137 13.2 8.8 13.2

54 11.8 6.8 10.2#

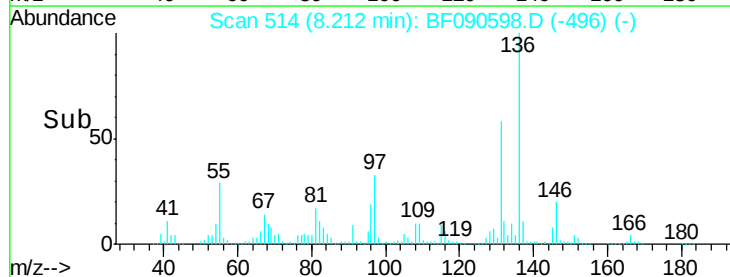
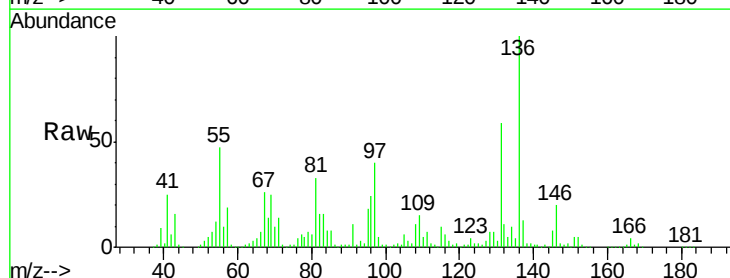
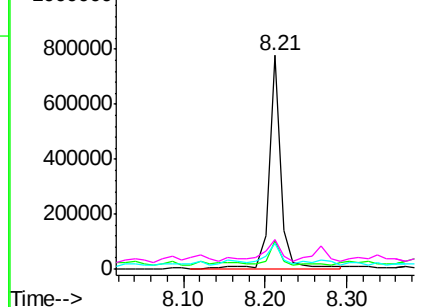
68 13.7 6.0 9.0#

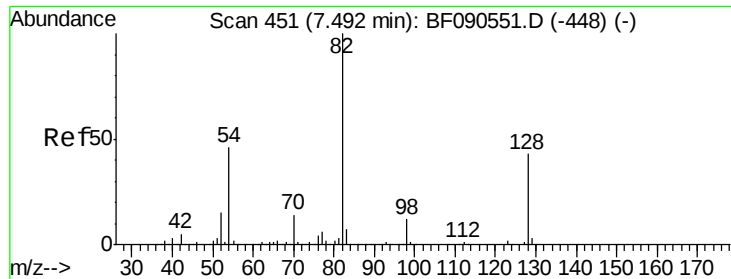
Abundance Ion 136.00 (135.70 to 136.70): E

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





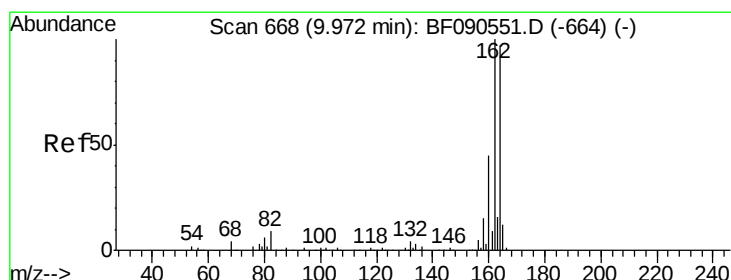
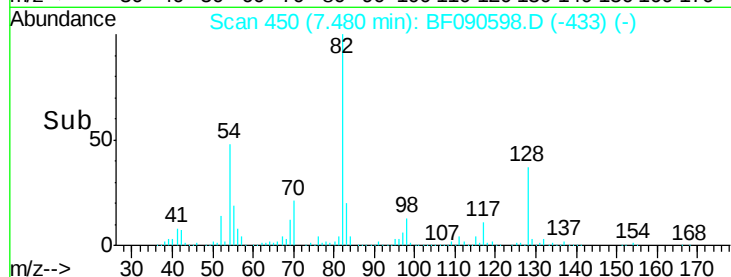
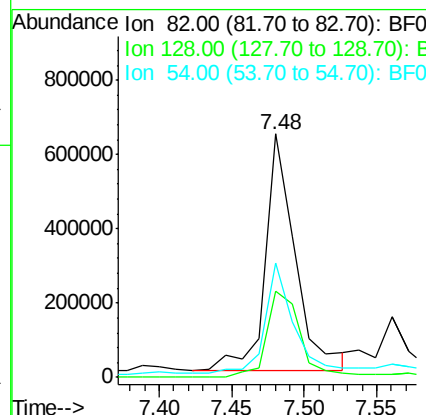
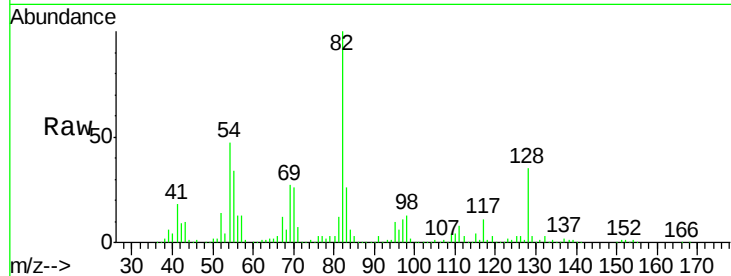
#23
Nitrobenzene-d5
Concen: 65.56 ng
RT: 7.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF090598.D
Acq: 15 Oct 2016 10:17

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Tot Ion	82	Resp	915826
Ion Ratio	100	Lower	Upper
82	100		
128	35.2	34.3	51.5
54	47.2	37.0	55.6

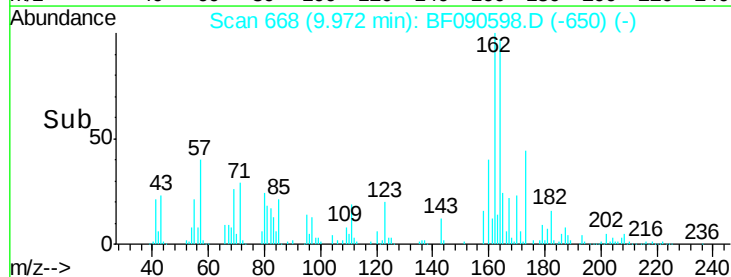
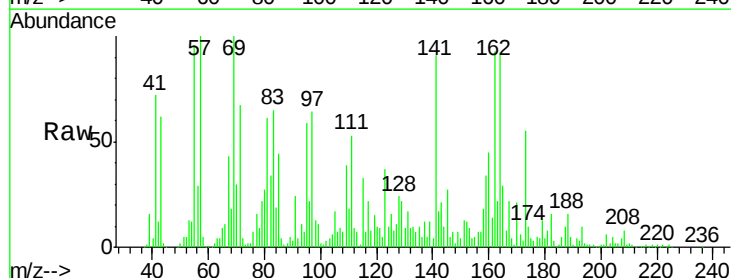
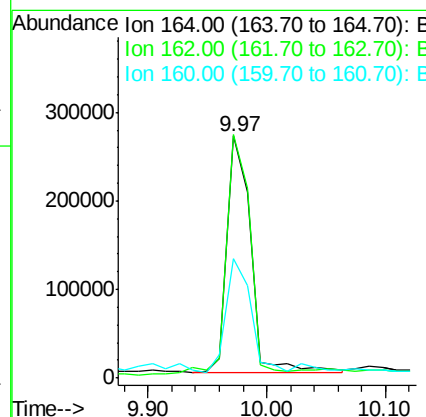
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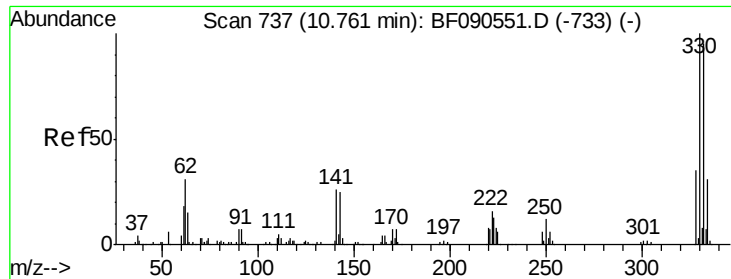
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF090598.D
Acq: 15 Oct 2016 10:17

Tgt Ion	164	Resp	362813
Ion Ratio	100	Lower	Upper
164	100		
162	100.7	82.2	123.4
160	49.1	36.6	55.0





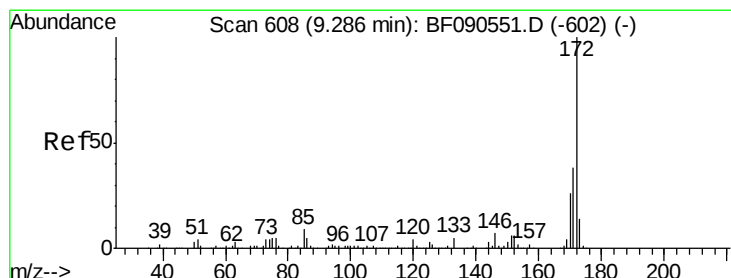
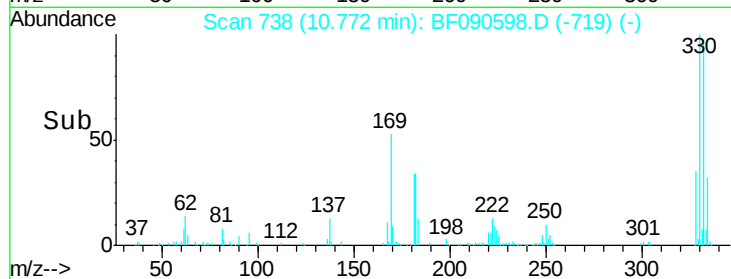
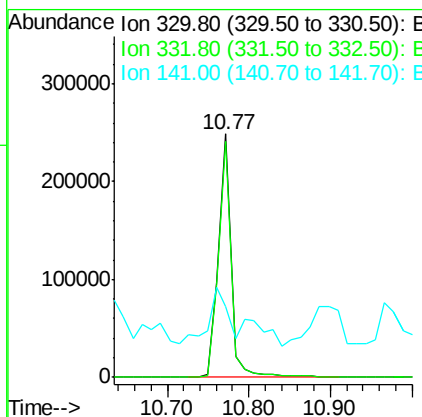
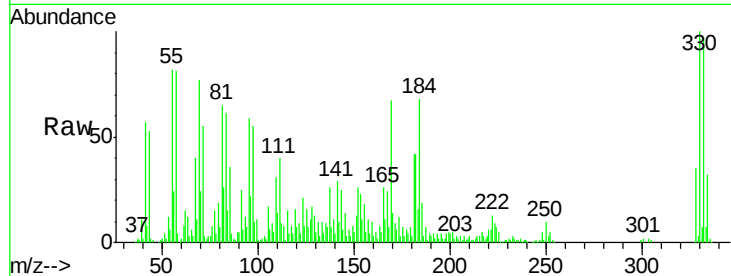
#41
 2,4,6-Tribromophenol
 Concen: 84.48 ng
 RT: 10.77 min Scan# 738
 Delta R.T. 0.01 min
 Lab File: BF090598.D
 Acq: 15 Oct 2016 10:17

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	273255		
332	97.4		76.2	114.2
141	31.7		31.4	47.2

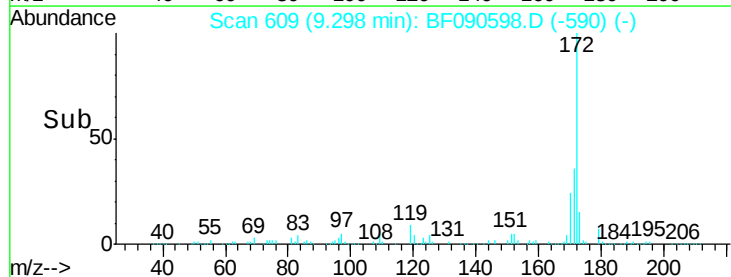
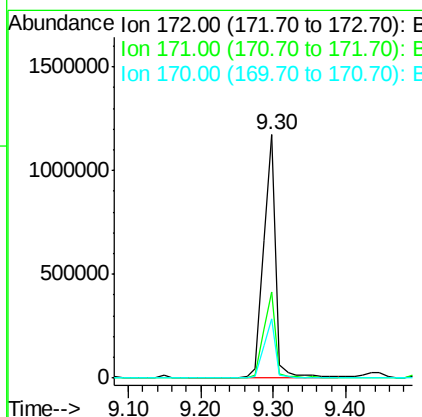
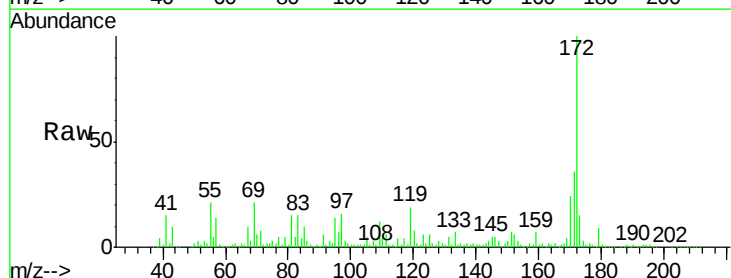
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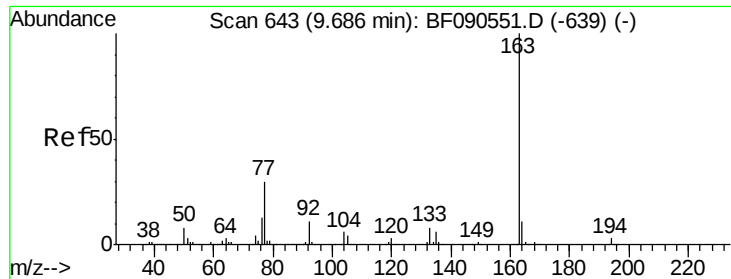
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#44
 2-Fluorobiphenyl
 Concen: 63.86 ng
 RT: 9.30 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF090598.D
 Acq: 15 Oct 2016 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1406157		
171	35.6		30.1	45.1
170	24.2		20.6	30.8





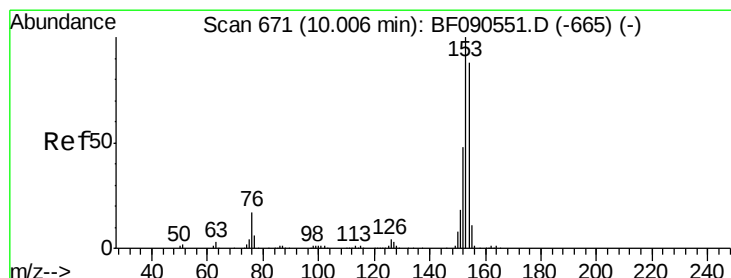
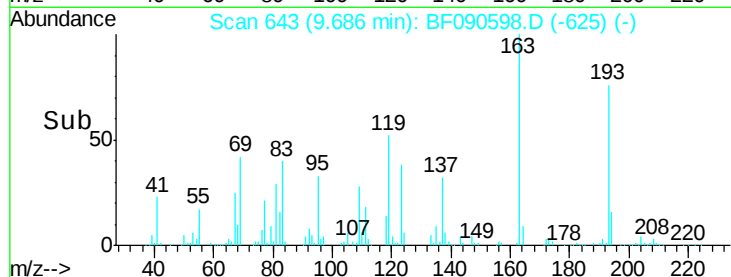
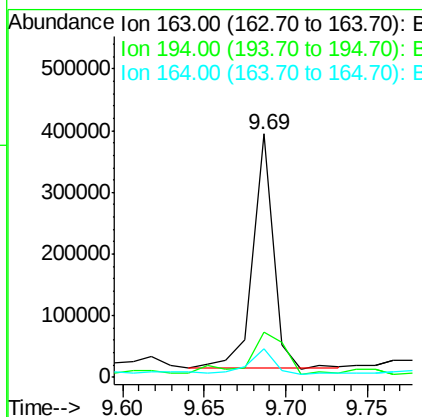
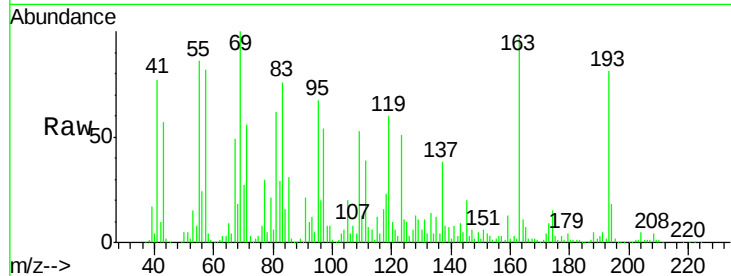
#49
Dimethylphthalate
Concen: 14.13 ng
RT: 9.69 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF090598.D
Acq: 15 Oct 2016 10:17

Instrument :
BNA_F
ClientSampled :
MJSB-18(11-13)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	332550		
194	18.6	2.3	3.5#	
164	11.6	8.6	13.0	

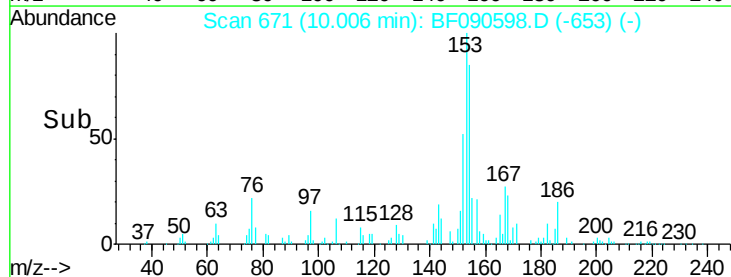
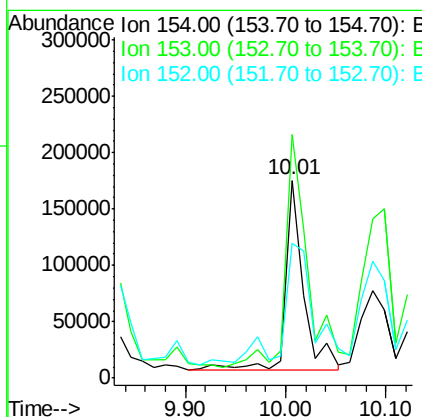
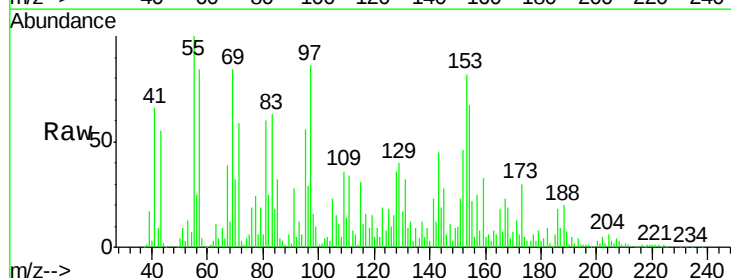
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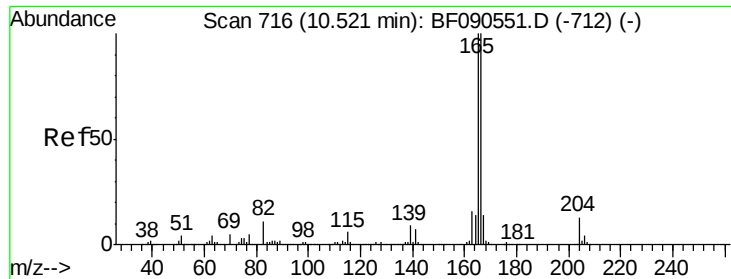
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#51
Acenaphthene
Concen: 9.63 ng
RT: 10.01 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF090598.D
Acq: 15 Oct 2016 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	209812		
153	123.0	91.2	136.8	
152	68.0	44.0	66.0#	





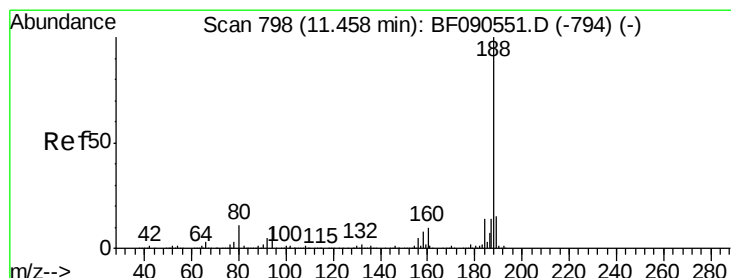
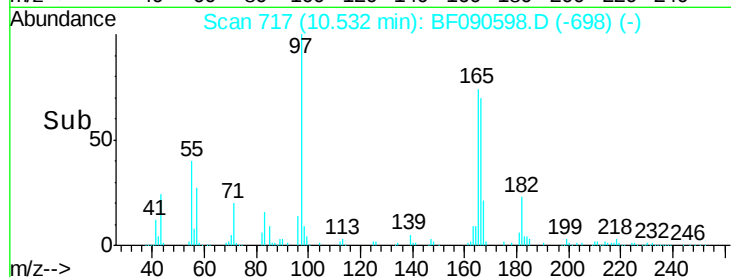
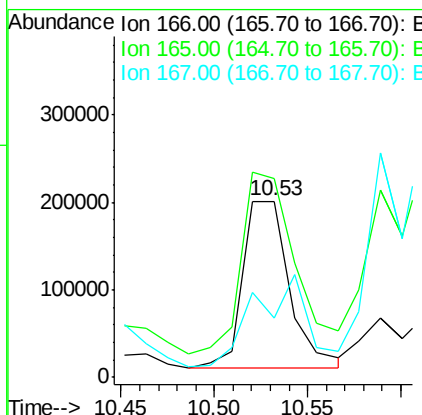
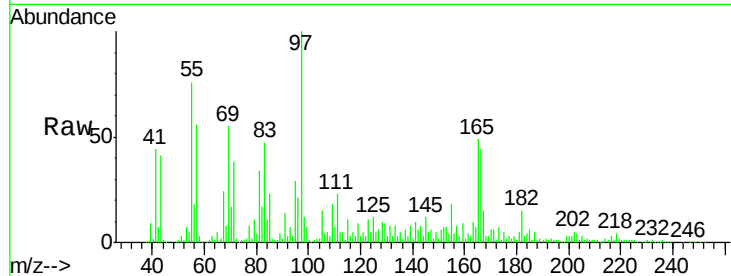
#57
Fluorene
 Concen: 14.29 ng
 RT: 10.53 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BF090598.D
 Acq: 15 Oct 2016 10:17

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	113.1	79.9	119.9	
167	33.5	10.9	16.3#	

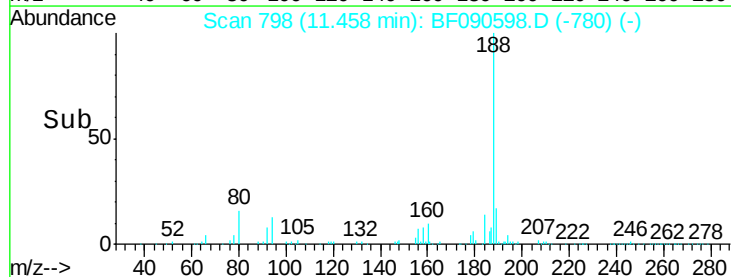
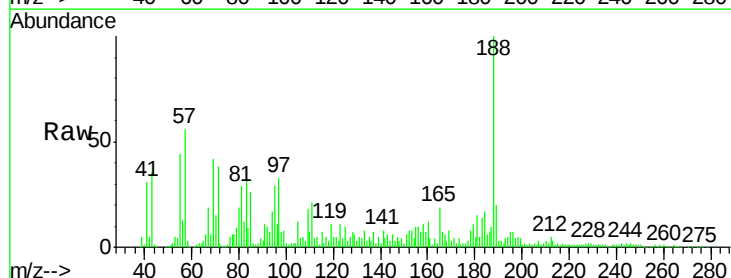
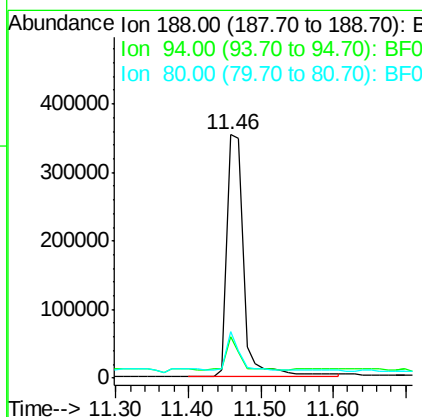
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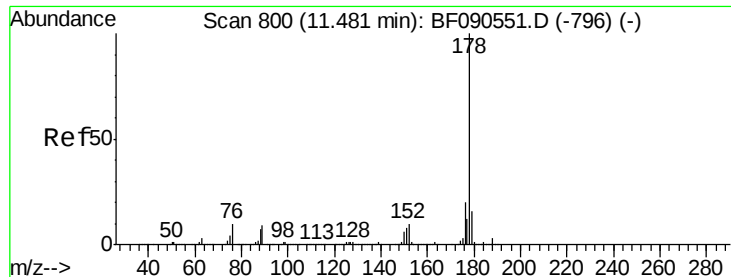
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF090598.D
 Acq: 15 Oct 2016 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	16.9	7.7	11.5#	
80	19.2	8.6	12.8#	





#70

Phenanthrene

Concen: 31.72 ng

RT: 11.49 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF090598.D

Acq: 15 Oct 2016 10:17

Instrument :

BNA_F

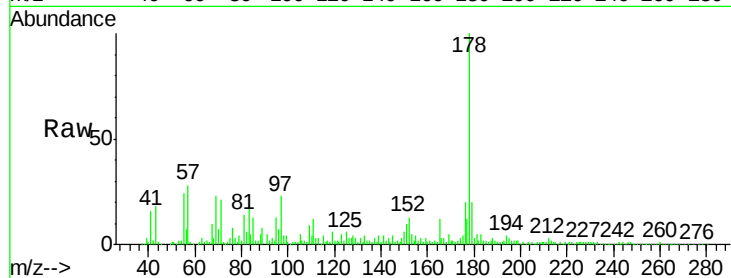
ClientSampleId :

MJSB-18(11-13)

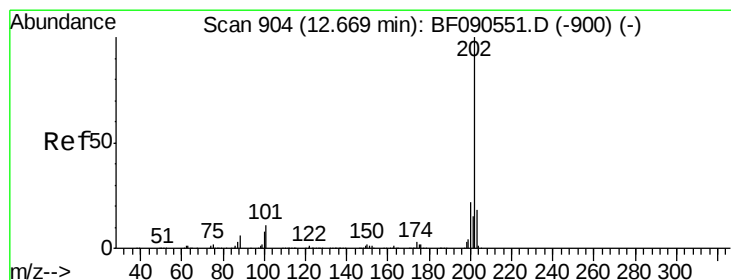
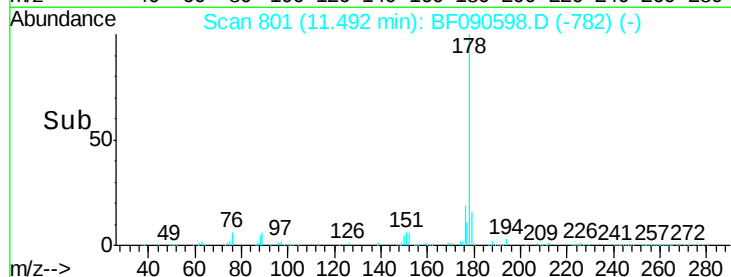
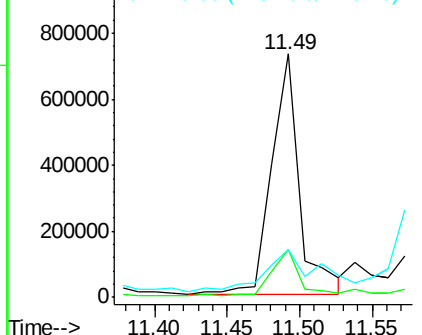
Tot Ion:178	Resp:	961988
Ion Ratio	Lower	Upper
178	100	
176	19.6	16.1 24.1
179	19.6	12.6 19.0#

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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: 3.40 ng

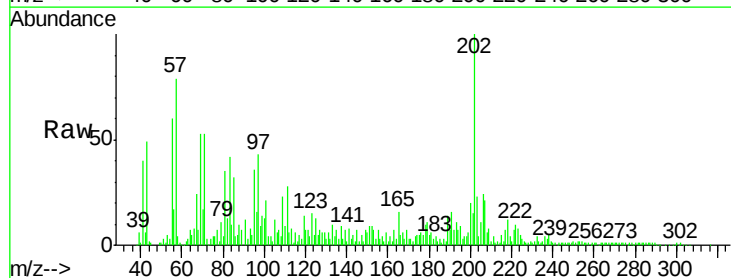
RT: 12.67 min Scan# 904

Delta R.T. 0.00 min

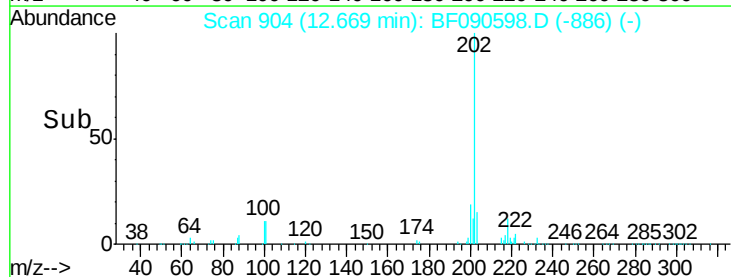
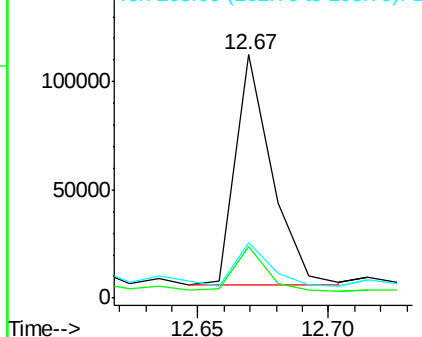
Lab File: BF090598.D

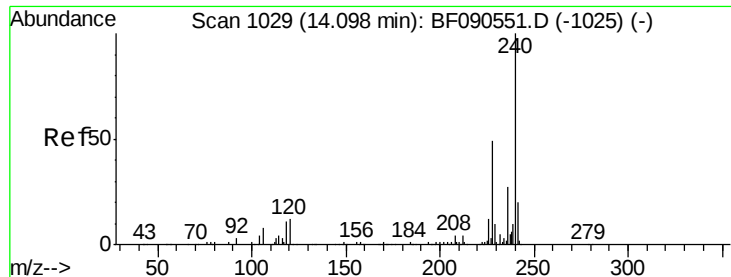
Acq: 15 Oct 2016 10:17

Tgt Ion:202	Resp:	103718
Ion Ratio	Lower	Upper
202	100	
101	21.1	0.0 31.1
203	22.8	0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF090598.D

Acq: 15 Oct 2016 10:17

Instrument :

BNA_F

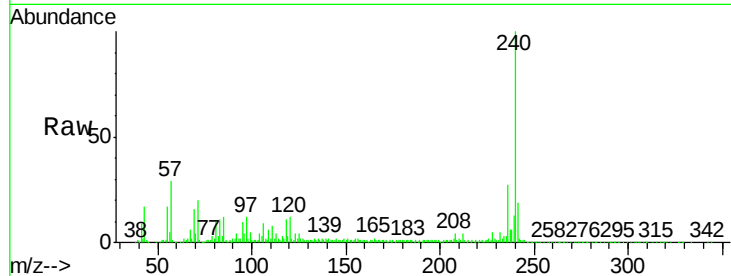
ClientSampleId :

MJSB-18(11-13)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.8	14.8
236	27.0	21.7	32.5

Manual Integrations
APPROVED

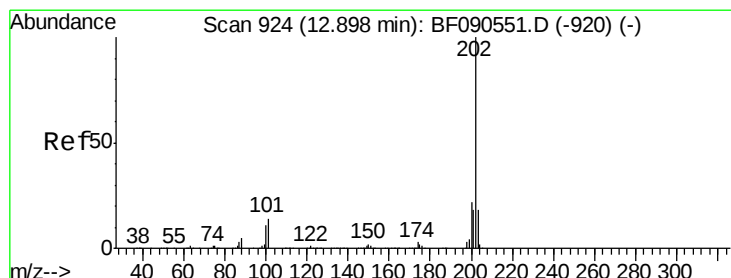
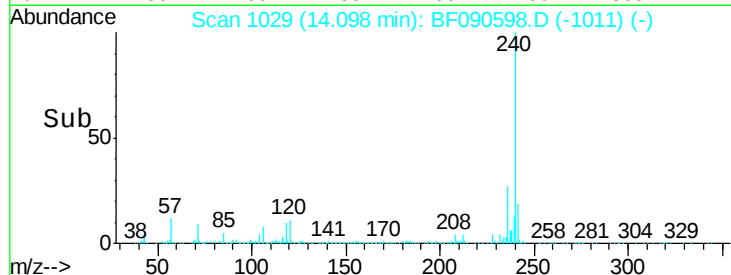
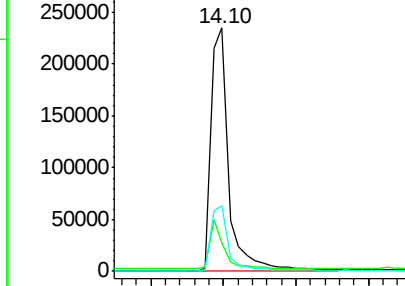
sohil
10/17/2016 6:38:05 PM



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: 6.72 ng

RT: 12.90 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF090598.D

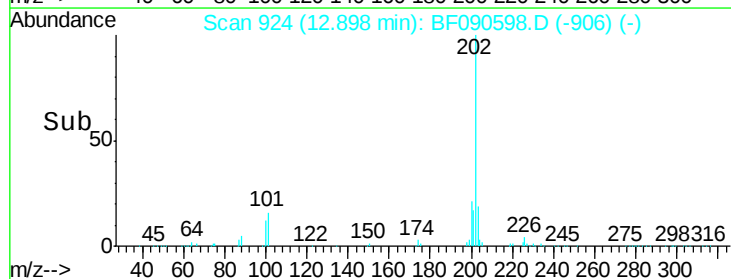
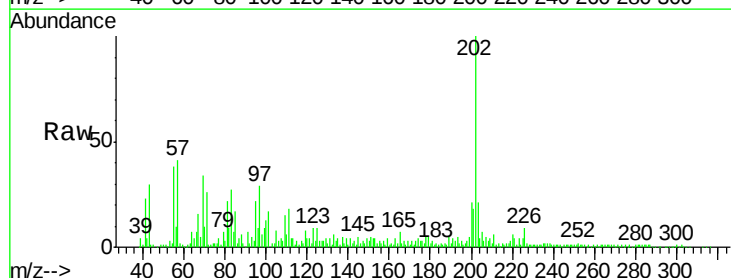
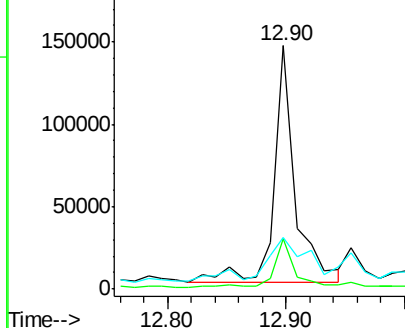
Acq: 15 Oct 2016 10:17

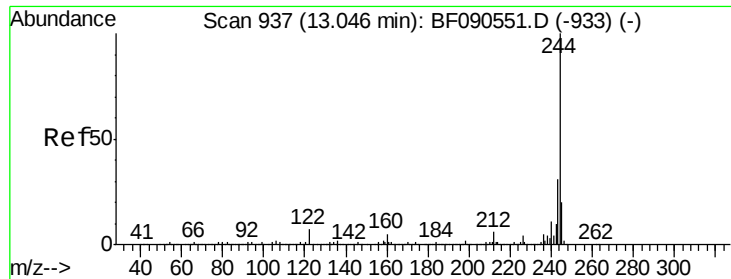
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	21.4	14.6	21.8

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: 57.90 ng

RT: 13.05 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF090598.D

Acq: 15 Oct 2016 10:17

Instrument :

BNA_F

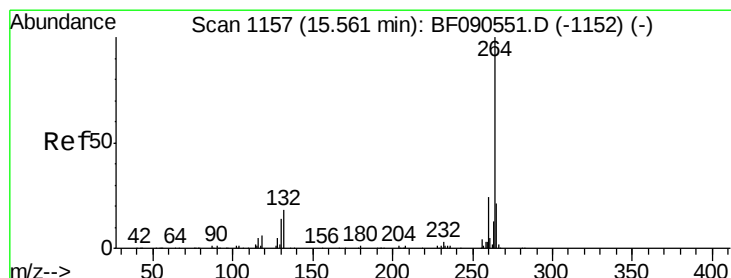
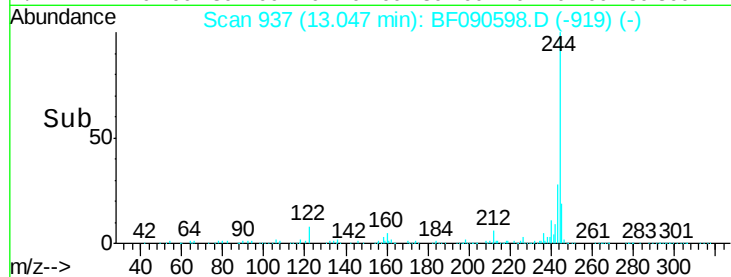
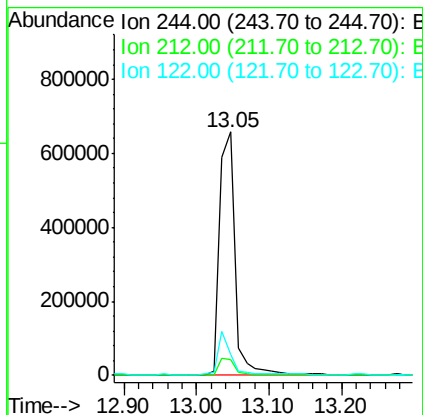
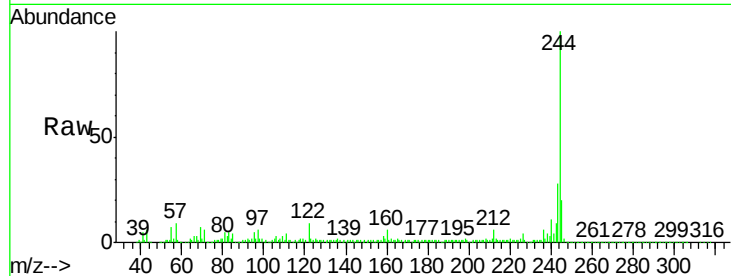
ClientSampleId :

MJSB-18(11-13)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	8.5	5.6	8.4

Manual Integrations
APPROVED

sohil
10/17/2016 6:38:05 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF090598.D

Acq: 15 Oct 2016 10:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	20.7	16.7	25.1

