

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094552.D
 Acq On : 20 Apr 2017 18:42
 Operator : SJ/MA
 Sample : I2744-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-10)20170418

Manual Integrations
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Quant Time: Apr 21 15:39:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	80867	20.00	ng	0.10
21) Naphthalene-d8	7.32	136	238259m	20.00	ng	0.06
38) Acenaphthene-d10	9.40	164	190676	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	357663	20.00	ng	0.00
75) Chrysene-d12	14.46	240	306611	20.00	ng	0.00
86) Perylene-d12	16.08	264	235562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	49918m	10.24	ng	0.16
7) Phenol-d6	5.47	99	156297m	27.20	ng	0.07
23) Nitrobenzene-d5	6.52	82	90374m	23.42	ng	0.10
41) 2,4,6-Tribromophenol	10.37	330	118460	79.43	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	965679	74.52	ng	0.00
78) Terphenyl-d14	13.20	244	914882	79.76	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.36	128	5434097m	474.43	ng	
37) 2-Methylnaphthalene	8.18	142	3820049m	487.48	ng	
45) 1,1'-Biphenyl	8.71	154	64456	4.14	ng	97
49) Dimethylphthalate	9.09	163	372302	26.20	ng	97
70) Phenanthrene	11.24	178	88518	4.39	ng	98
74) Fluoranthene	12.70	202	58992	2.83	ng	97
77) Pyrene	12.98	202	50361	2.35	ng	96

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

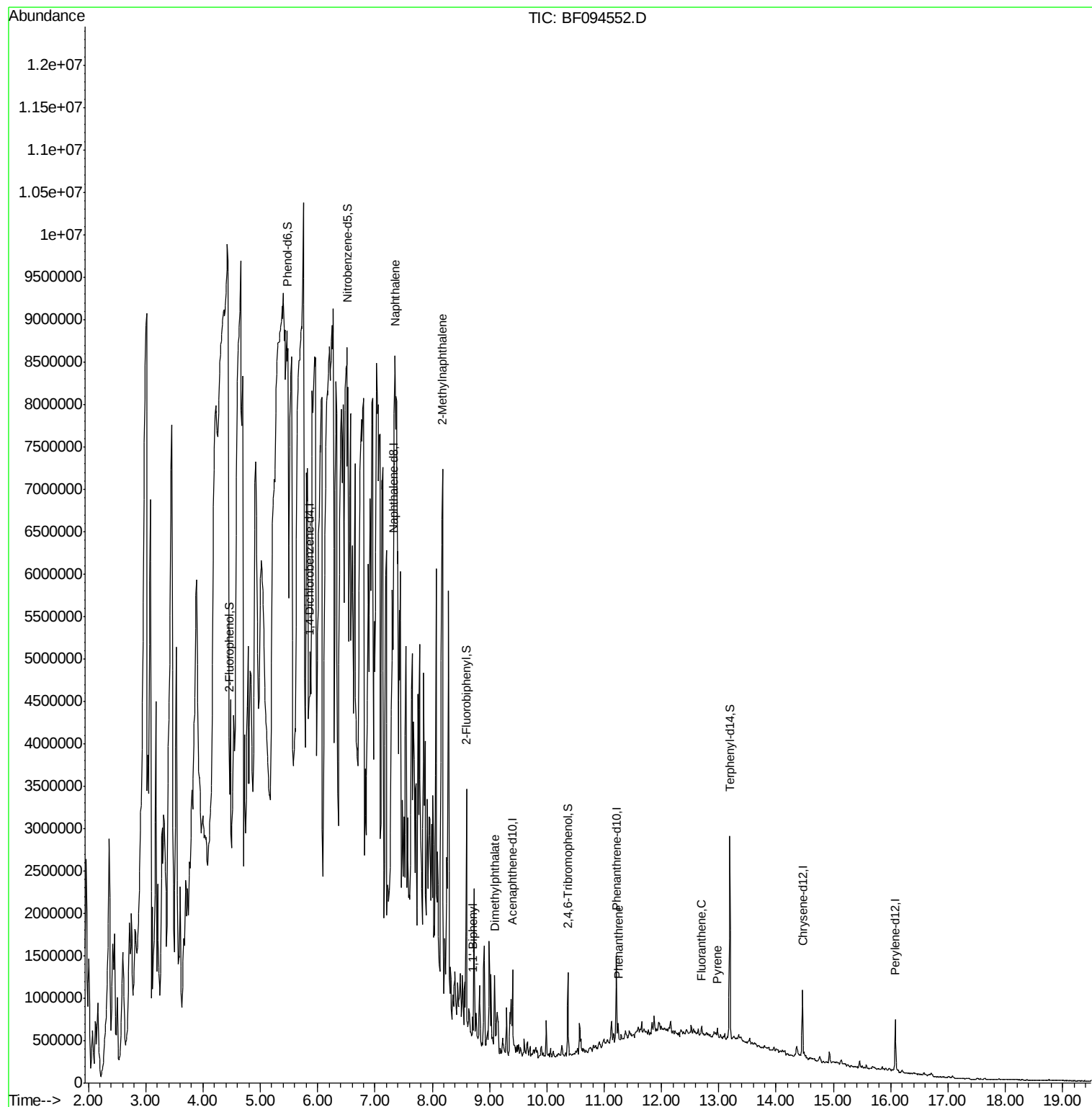
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
Data File : BF094552.D
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Sample : I2744-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

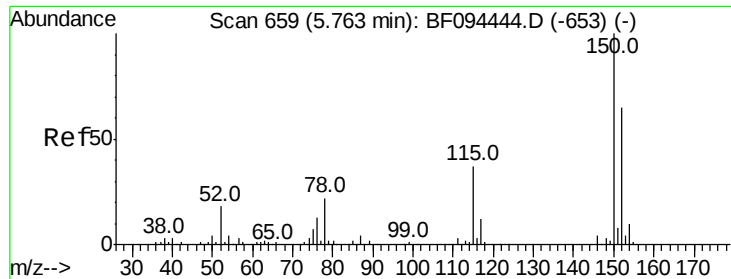
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)20170418

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Quant Time: Apr 21 15:39:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 667

Delta R.T. 0.10 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

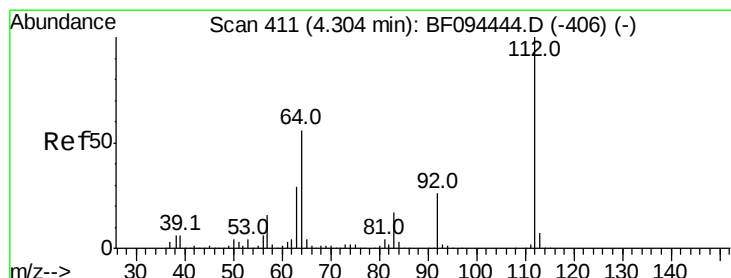
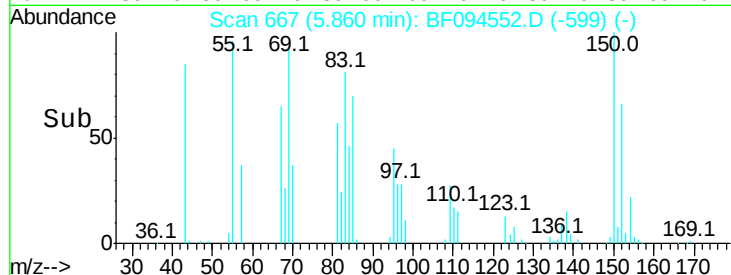
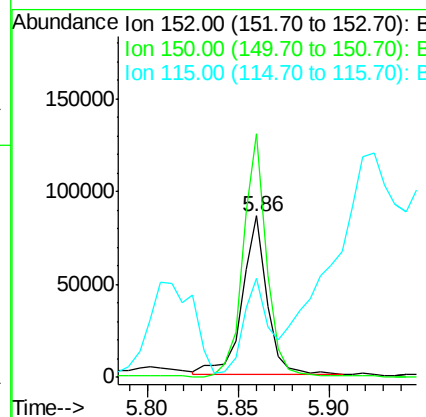
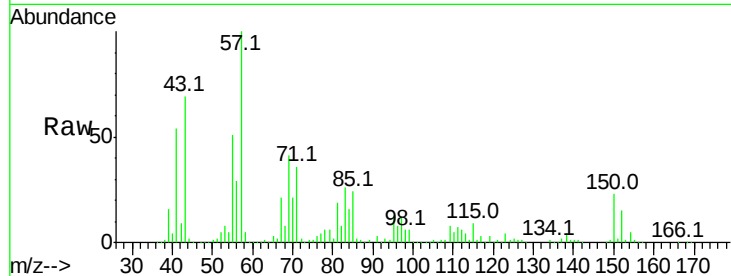
ClientSampleId :

SB-2(8-10)20170418

Tot Ion:	152	Resp:	80867
Ion Ratio	Lower	Upper	
152	100		
150	150.8	126.2	189.2
115	61.0	52.2	78.2

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#5

2-Fluorophenol

Concen: 10.24 ng m

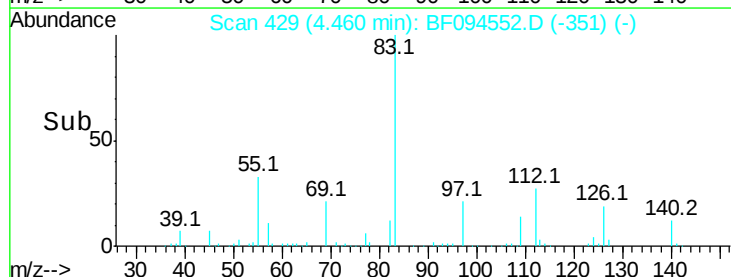
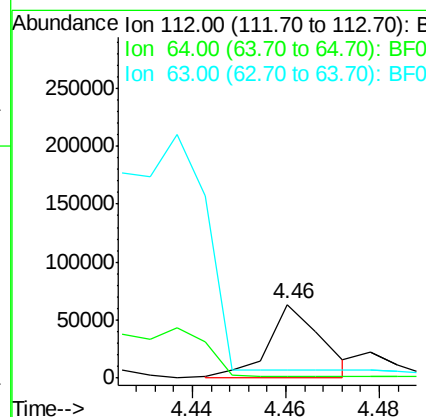
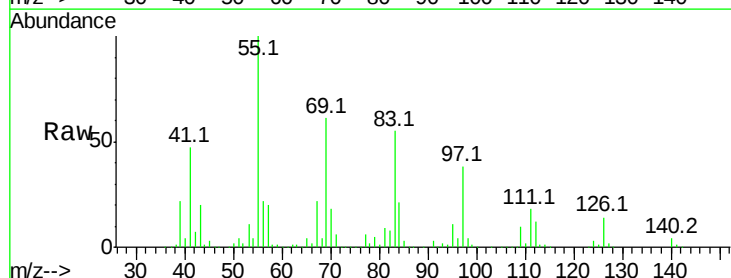
RT: 4.46 min Scan# 429

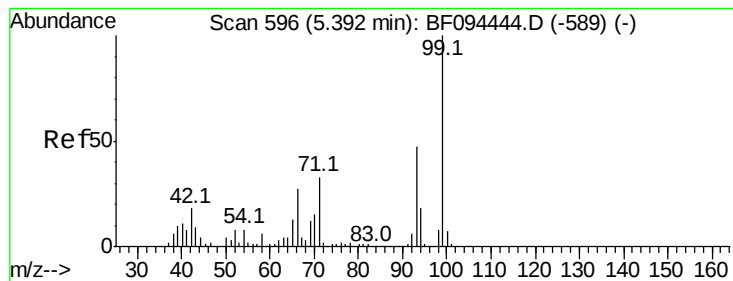
Delta R.T. 0.16 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Tgt Ion:	112	Resp:	49918
Ion Ratio	Lower	Upper	
112	100		
64	2.9	46.0	69.0#
63	10.9	23.4	35.0#





#7

Phenol-d6

Concen: 27.20 ng/mL

RT: 5.47 min Scan# 600

Delta R.T. 0.07 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)20170418

Tot Ion: 99 Resp: 156297

Ion Ratio Lower Upper

99 100

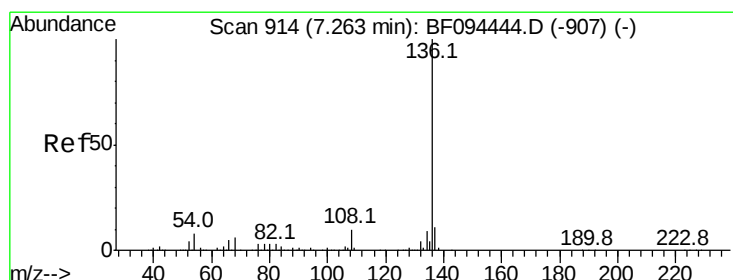
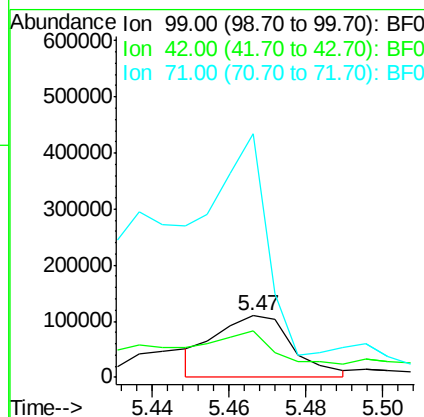
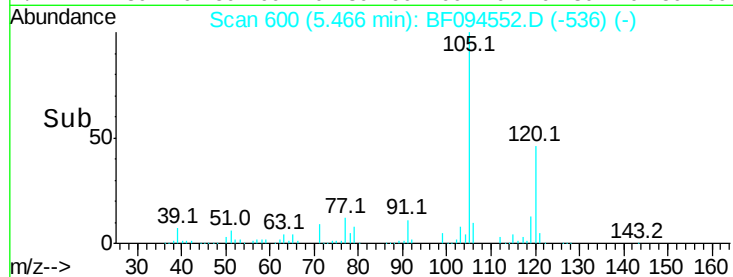
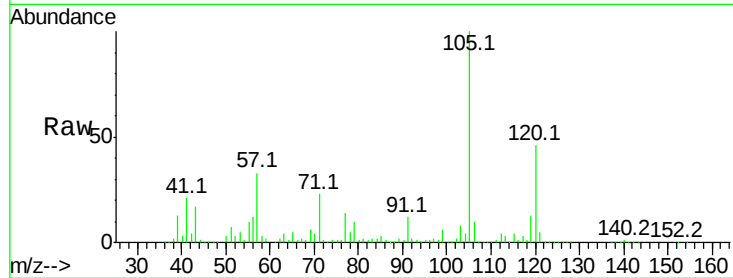
42 75.5 13.5 20.3#

71 395.2 24.5 36.7#

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#21

Naphthalene-d8

Concen: 20.00 ng/mL

RT: 7.32 min Scan# 915

Delta R.T. 0.06 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Tgt Ion: 136 Resp: 238259

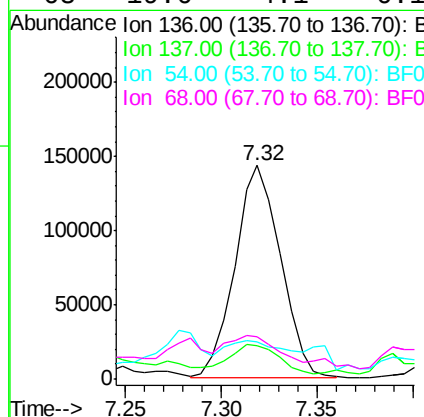
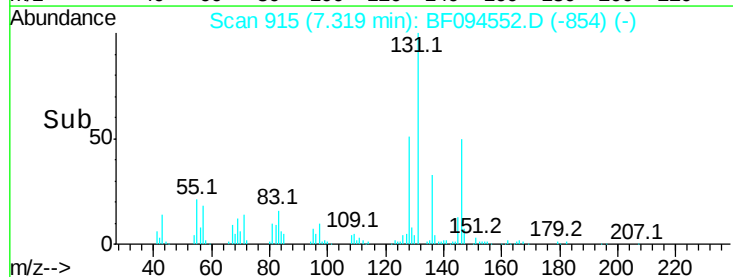
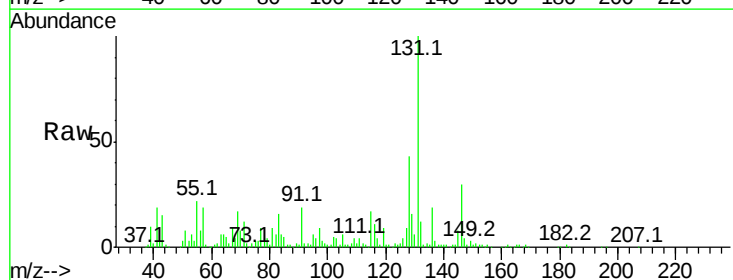
Ion Ratio Lower Upper

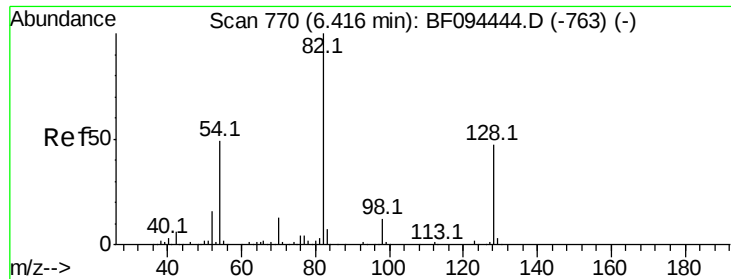
136 100

137 15.4 8.5 12.7#

54 17.2 4.9 7.3#

68 19.6 4.1 6.1#





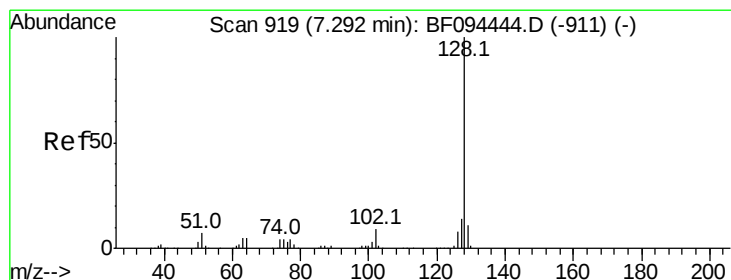
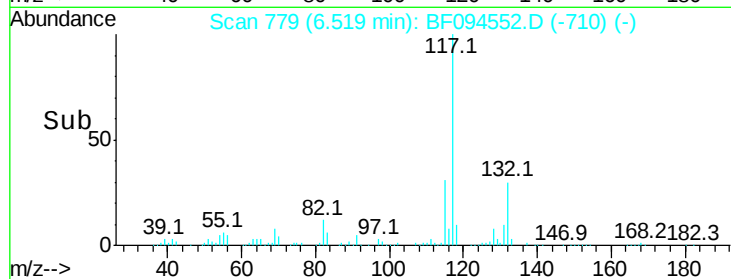
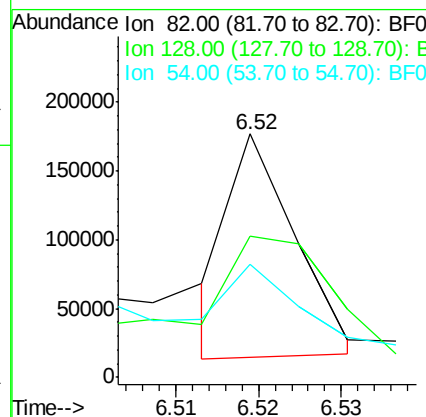
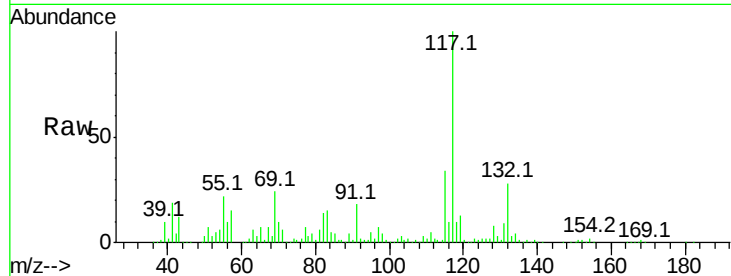
#23
Nitrobenzene-d5
Concen: 23.42 ng m
RT: 6.52 min Scan# 779
Delta R.T. 0.10 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)20170418

Tot Ion	Ratio	Lower	Upper
82	100		
128	58.1	34.0	51.0#
54	46.4	42.2	63.2

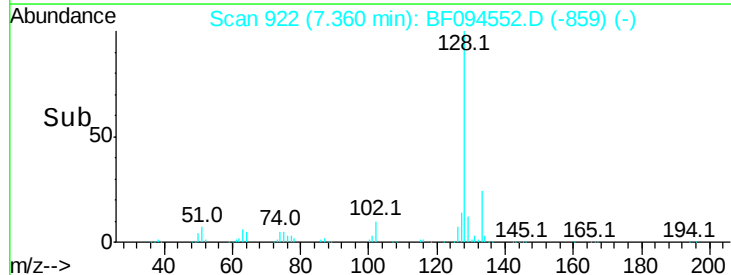
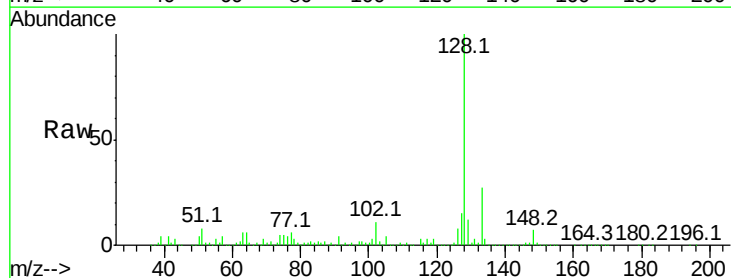
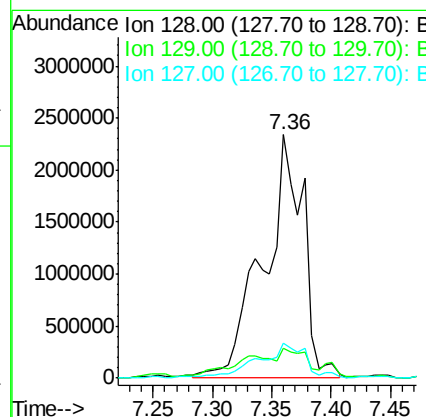
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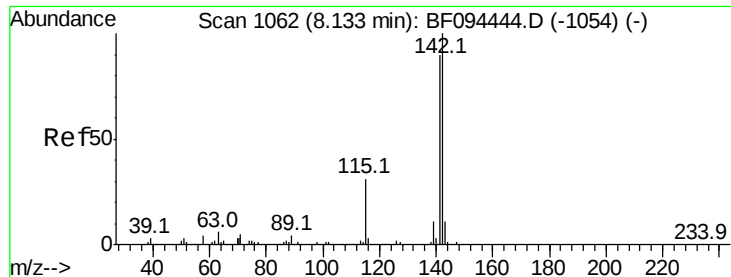
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#31
Naphthalene
Concen: 474.43 ng m
RT: 7.36 min Scan# 922
Delta R.T. 0.07 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.6
127	14.6	10.8	16.2





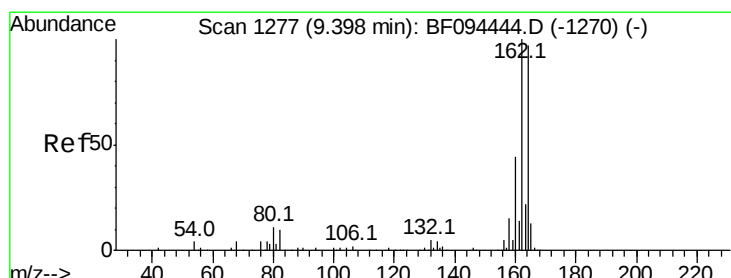
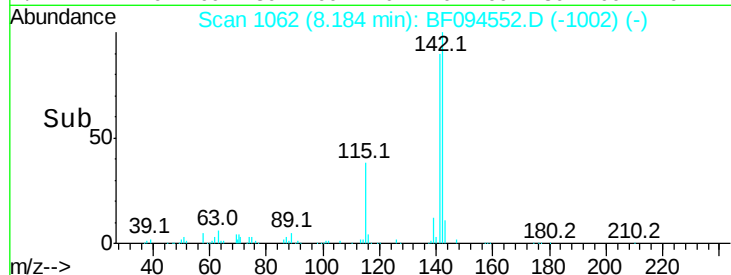
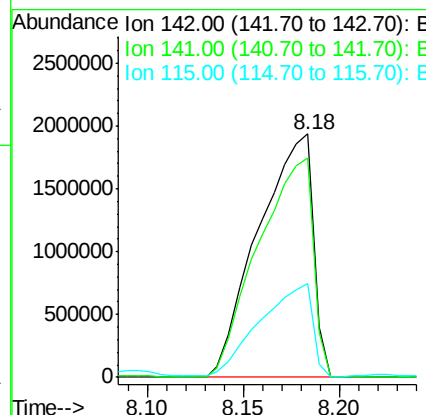
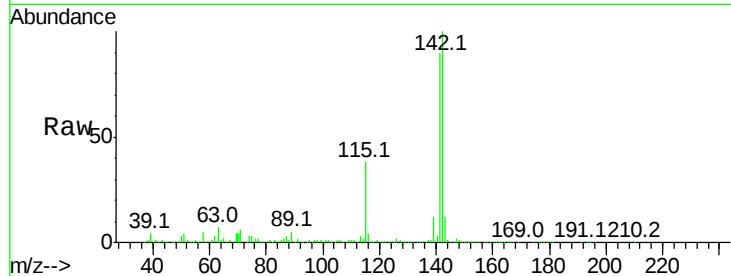
#37
2-Methylnaphthalene
Concen: 487.48 ng/mL
RT: 8.18 min Scan# 1062
Delta R.T. 0.05 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)20170418

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	38.4	27.1	40.7

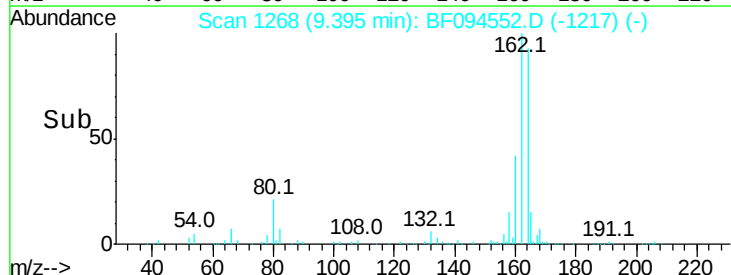
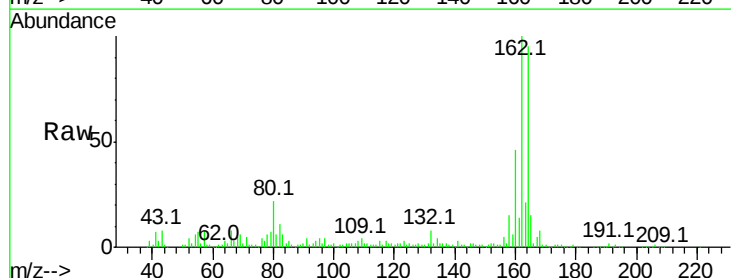
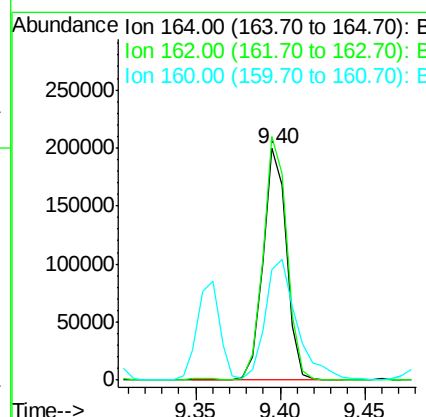
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094552.D
Acq: 20 Apr 2017 18:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	47.9	36.2	54.2





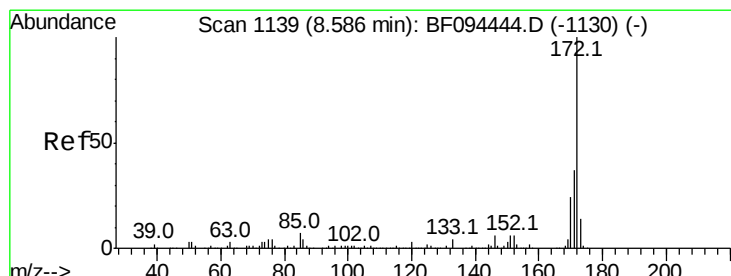
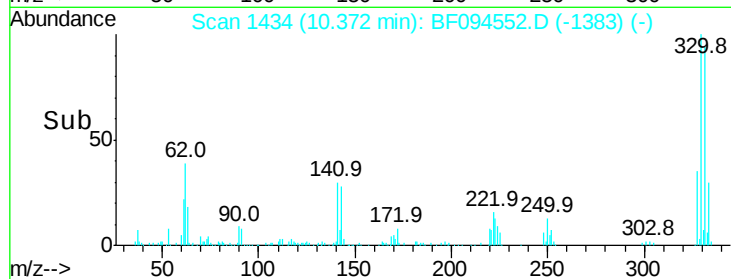
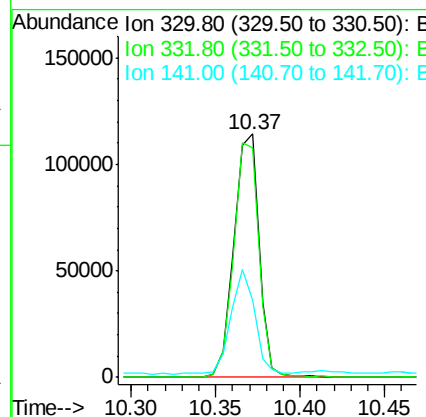
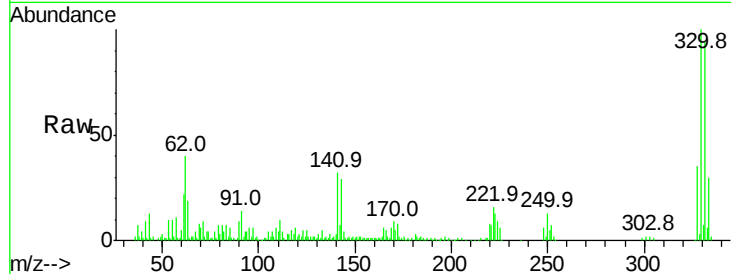
#41
 2,4,6-Tribromophenol
 Concen: 79.43 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094552.D
 Acq: 20 Apr 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-10)20170418

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	76.6	115.0	
141	40.8	31.4	47.2	

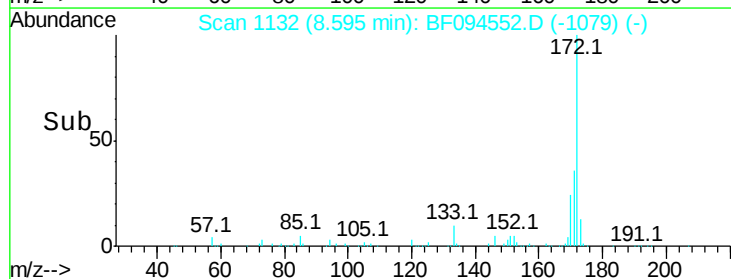
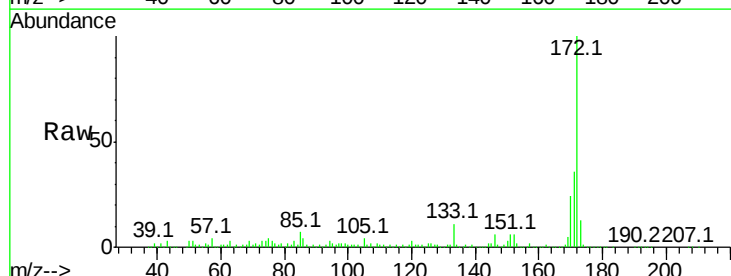
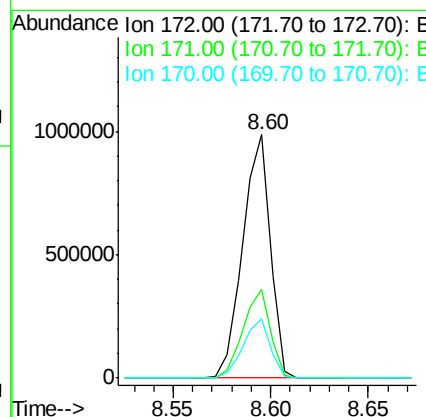
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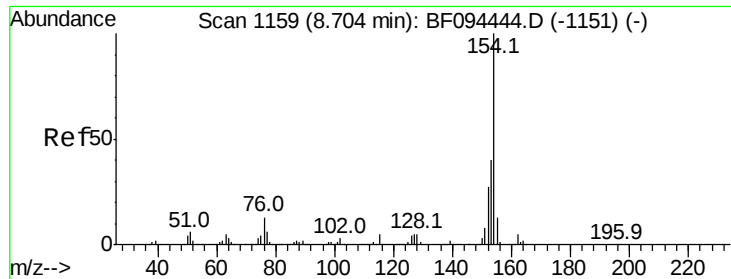
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#44
 2-Fluorobiphenyl
 Concen: 74.52 ng
 RT: 8.60 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF094552.D
 Acq: 20 Apr 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	29.6	44.4	
170	24.2	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 4.14 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

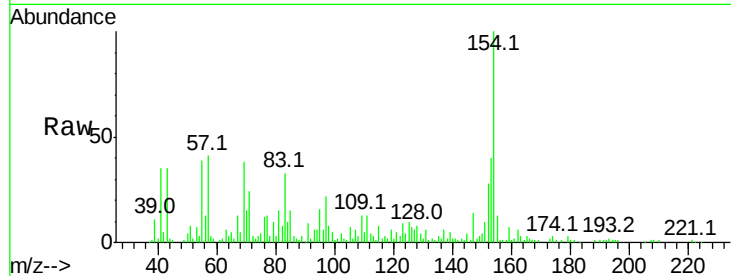
ClientSampleId :

SB-2(8-10)20170418

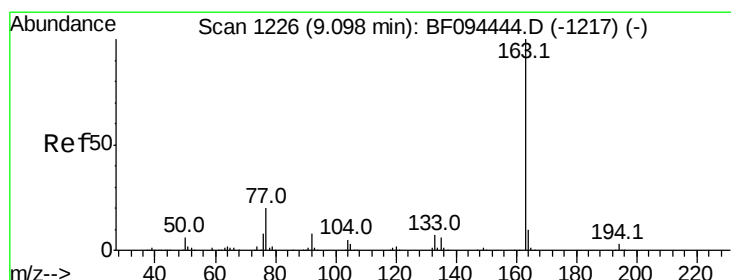
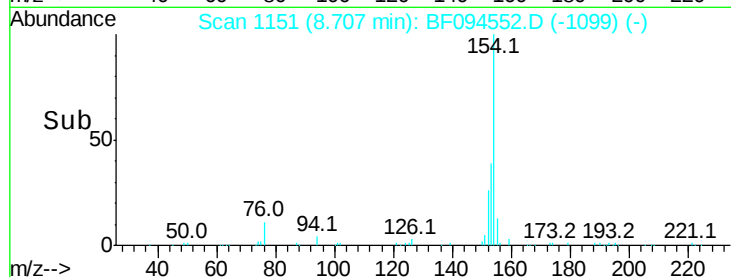
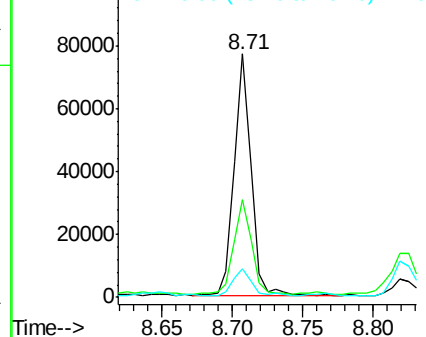
Tot Ion:154	Resp:	64456
Ion Ratio	Lower	Upper
154 100		
153 40.1	21.2	61.2
76 12.0	0.0	29.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 26.20 ng

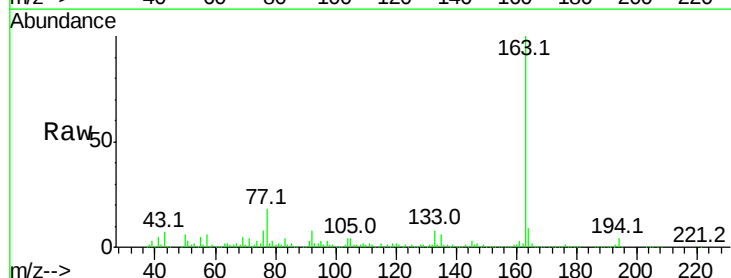
RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

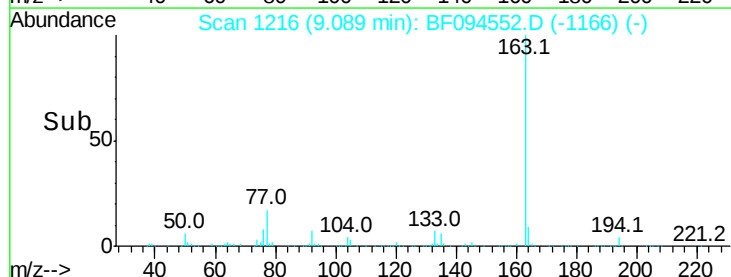
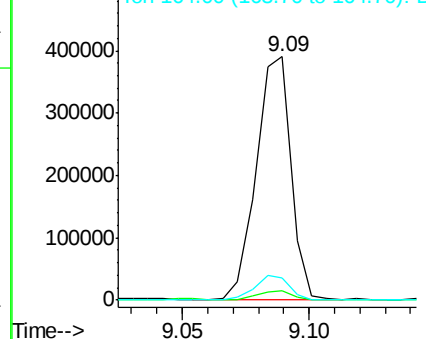
Lab File: BF094552.D

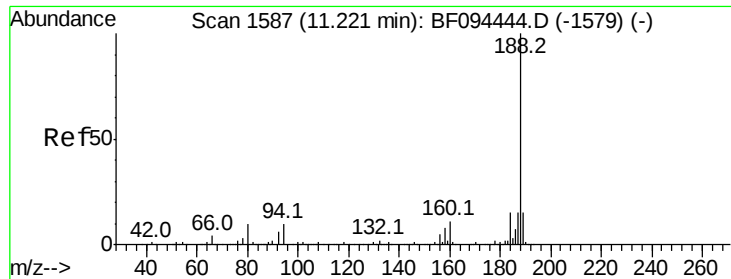
Acq: 20 Apr 2017 18:42

Tgt Ion:163	Resp:	372302
Ion Ratio	Lower	Upper
163 100		
194 3.7	2.6	4.0
164 9.2	8.4	12.6



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: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

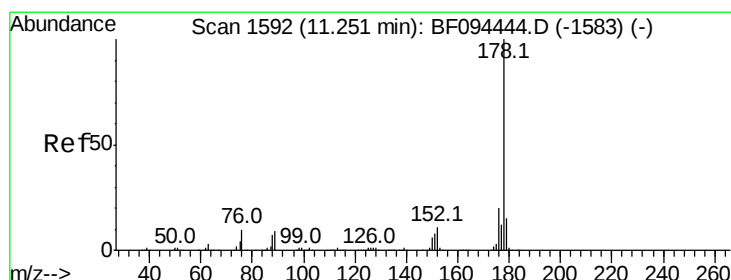
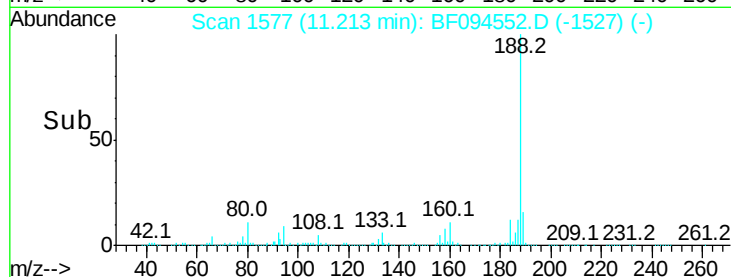
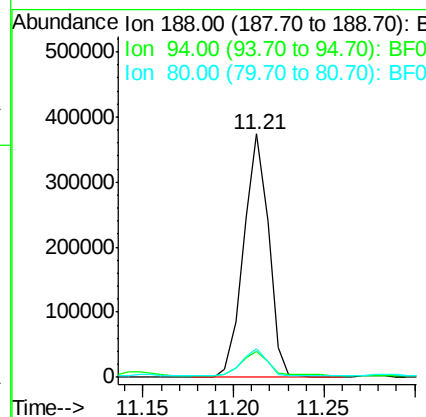
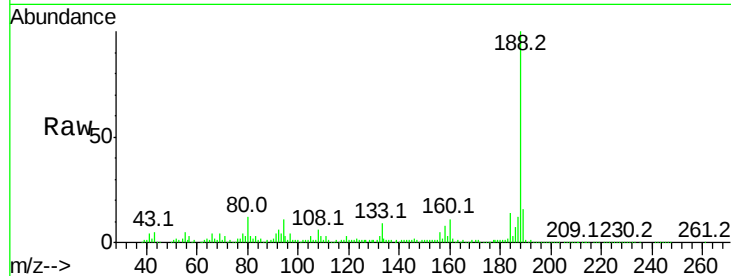
ClientSampleId :

SB-2(8-10)20170418

Tot Ion:	188	Resp:	357663
Ion Ratio	Lower	Upper	
188	100		
94	10.9	9.4	14.2
80	11.7	10.2	15.2

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#70

Phenanthrene

Concen: 4.39 ng

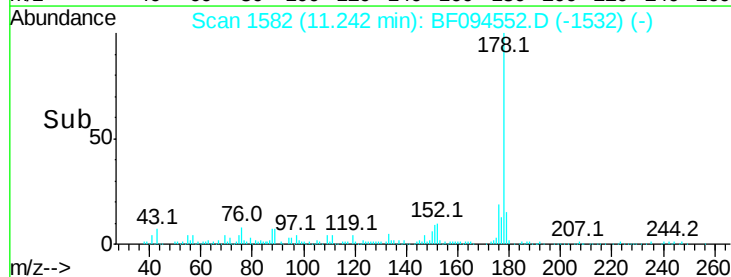
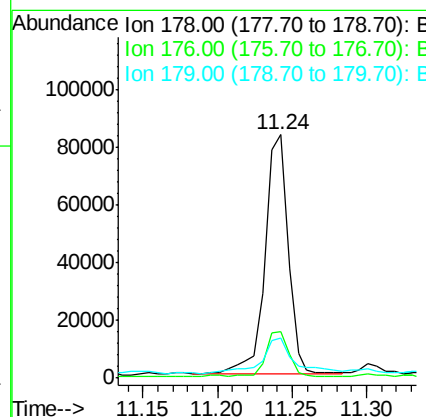
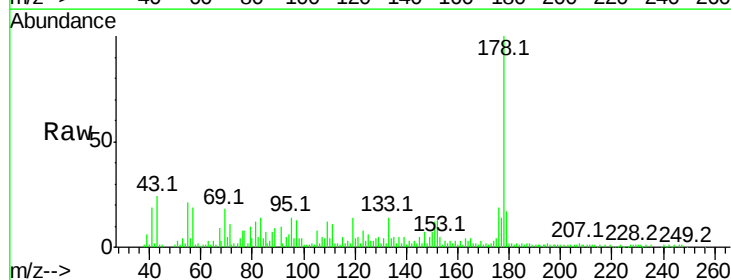
RT: 11.24 min Scan# 1582

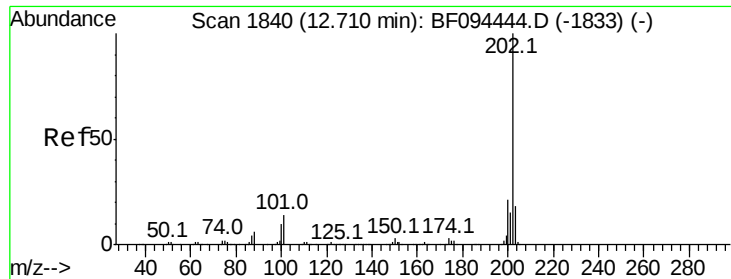
Delta R.T. -0.01 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Tgt Ion:	178	Resp:	88518
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.2	24.4
179	16.6	12.6	19.0





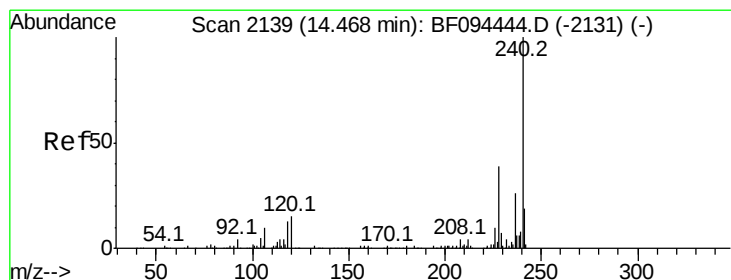
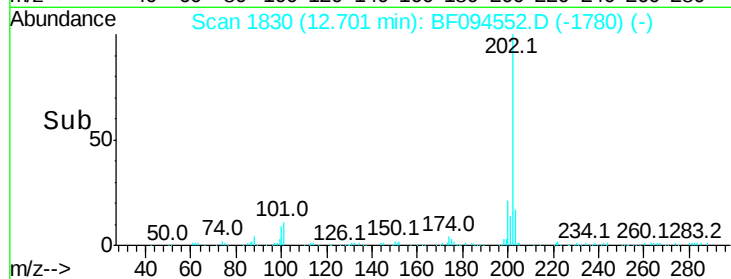
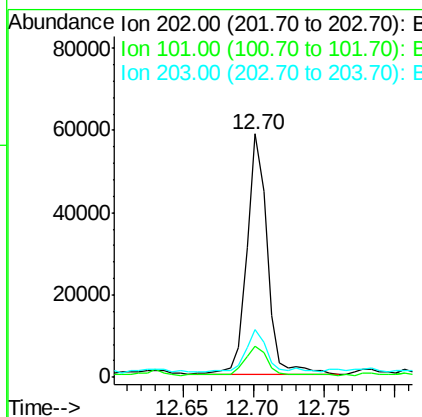
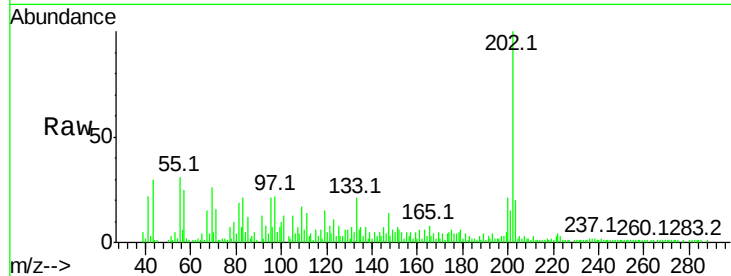
#74
 Fluoranthene
 Concen: 2.83 ng
 RT: 12.70 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF094552.D
 Acq: 20 Apr 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-10)20170418

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	33.2
203	19.6	0.0	38.1

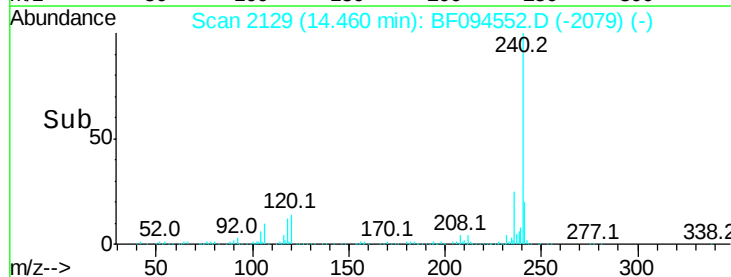
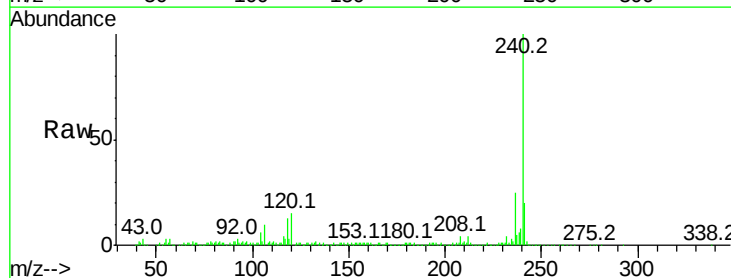
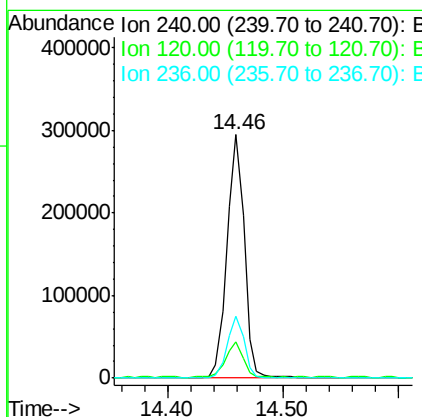
Manual Integrations
 APPROVED

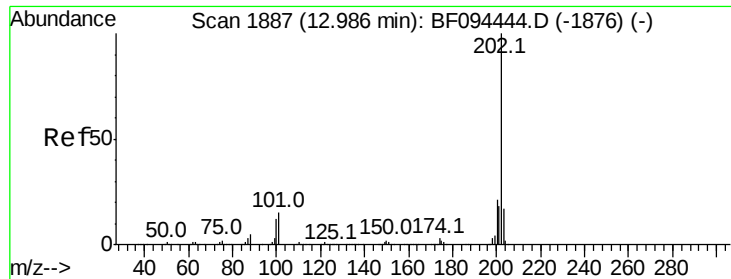
mohammad
 4/21/2017 5:24:11 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BF094552.D
 Acq: 20 Apr 2017 18:42

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.4	20.5	30.7





#77

Pvrene

Concen: 2.35 ng

RT: 12.98 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Instrument :

BNA_F

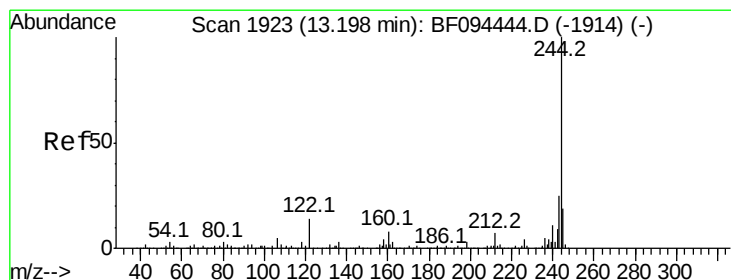
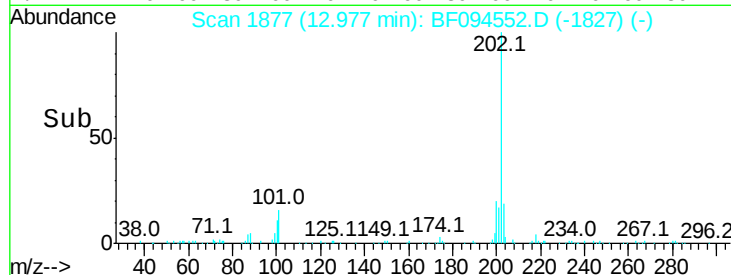
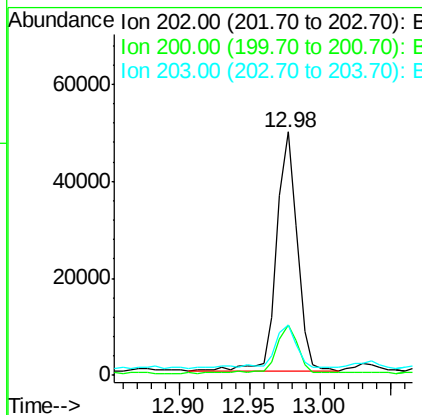
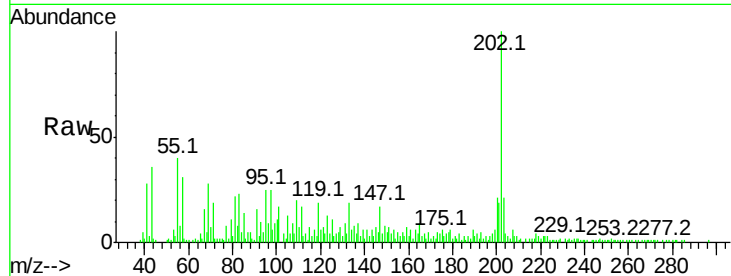
ClientSampleId :

SB-2(8-10)20170418

Tot Ion:	202	Resp:	50361
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.6	26.4
203	20.9	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 79.76 ng

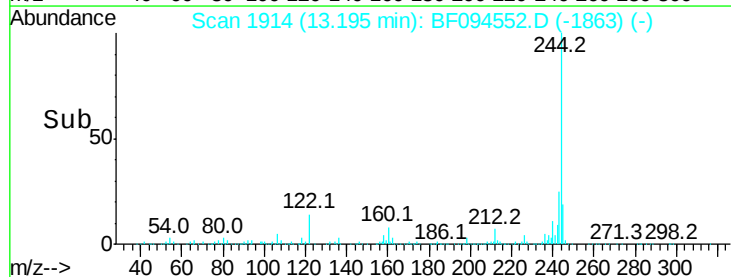
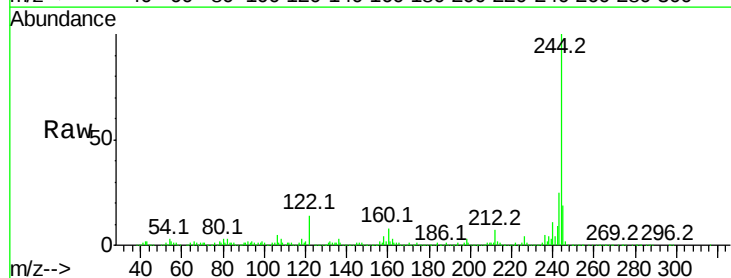
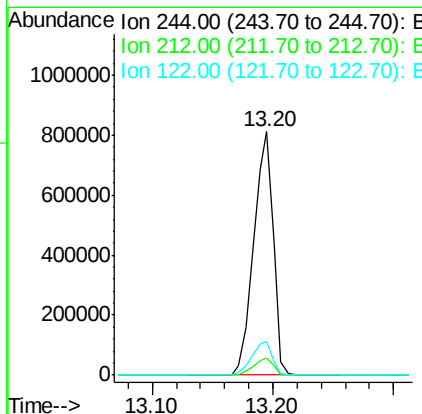
RT: 13.20 min Scan# 1914

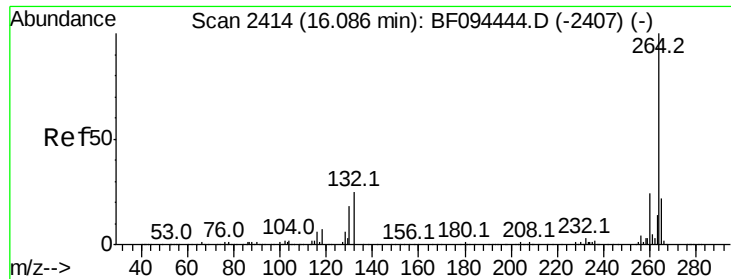
Delta R.T. -0.00 min

Lab File: BF094552.D

Acq: 20 Apr 2017 18:42

Tgt Ion:	244	Resp:	914882
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	13.7	10.3	15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094552.D
 Acq: 20 Apr 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-10)20170418

Tot Ion:	264	Resp:	235562
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	20.1	17.2	25.8

Manual Integrations
 APPROVED

mohammad
 4/21/2017 5:24:11 PM

