

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094551.D
 Acq On : 20 Apr 2017 18:15
 Operator : SJ/MA
 Sample : I2744-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(18-20)20170418

Manual Integrations
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Quant Time: Apr 21 15:38:00 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	89110	20.00	ng	0.10
21) Naphthalene-d8	7.33	136	197537m	20.00	ng	0.07
38) Acenaphthene-d10	9.40	164	201797	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	391452	20.00	ng	0.00
75) Chrysene-d12	14.46	240	344776	20.00	ng	0.00
86) Perylene-d12	16.08	264	232027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	59313m	11.04	ng	0.17
7) Phenol-d6	5.47	99	140443m	22.18	ng	0.08
23) Nitrobenzene-d5	6.52	82	104166m	32.56	ng	0.10
41) 2,4,6-Tribromophenol	10.37	330	185709	117.65	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	972787	70.93	ng	0.01
78) Terphenyl-d14	13.20	244	990343	76.78	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.38	128	5609639m	590.71	ng	
37) 2-Methylnaphthalene	8.20	142	4285635m	659.63	ng	
45) 1,1'-Biphenyl	8.71	154	118399	7.18	ng	97
49) Dimethylphthalate	9.09	163	239885	15.95	ng	98

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

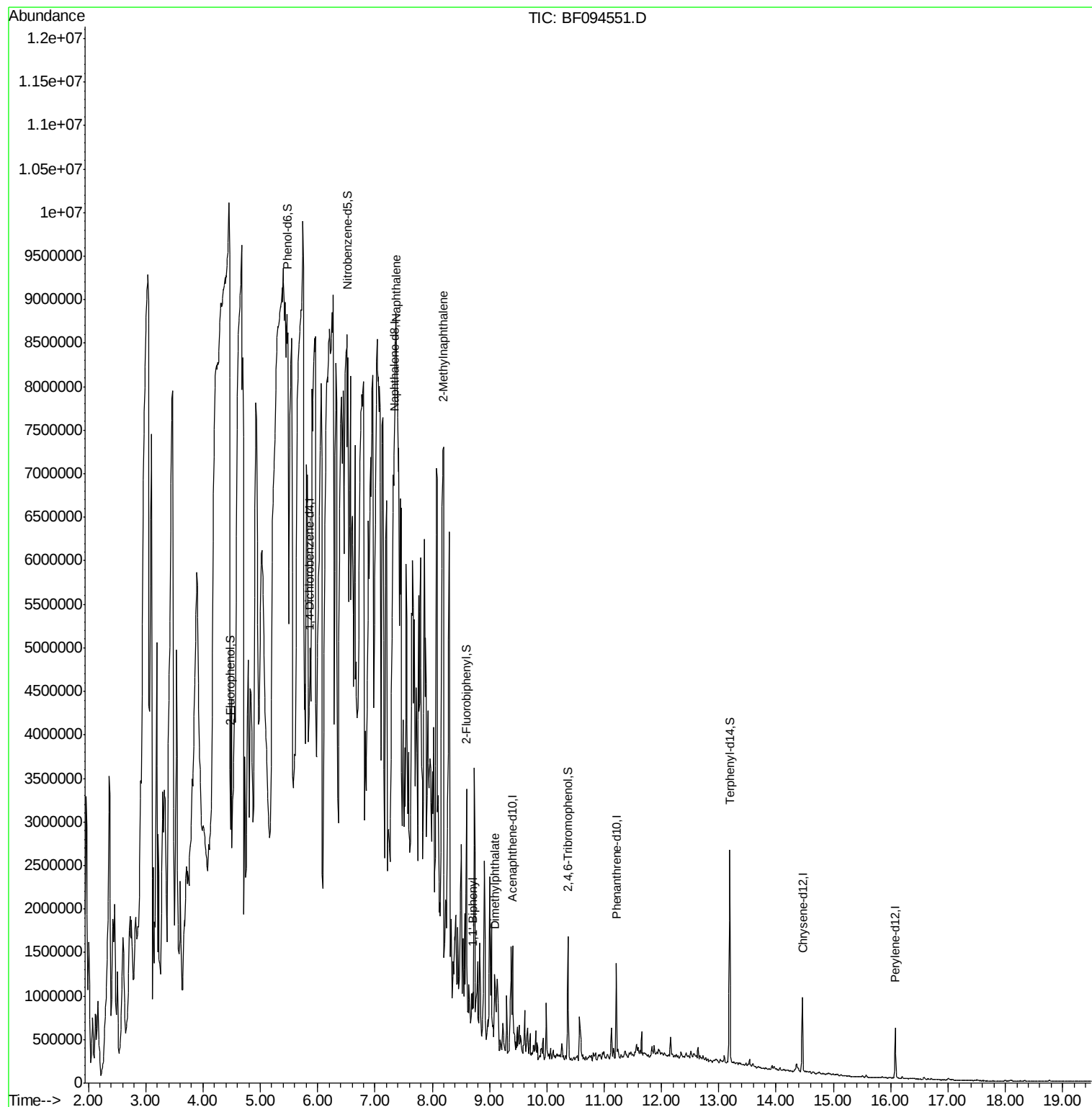
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
Data File : BF094551.D
Acq On : 20 Apr 2017 18:15
Operator : SJ/MA
Sample : I2744-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

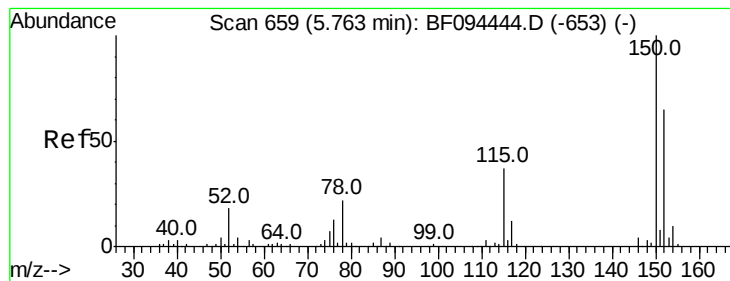
Instrument :
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SB-2(18-20)20170418

Manual Integrations
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Quant Time: Apr 21 15:38:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

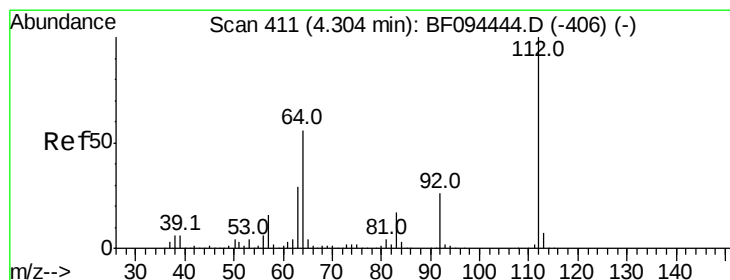
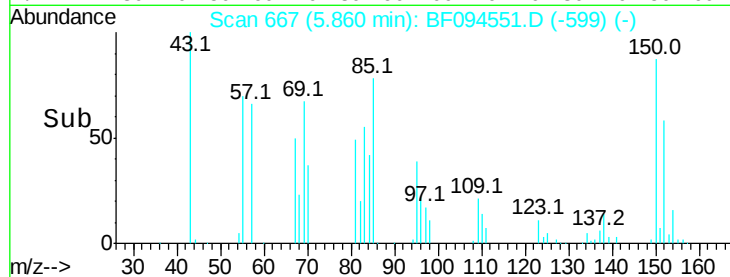
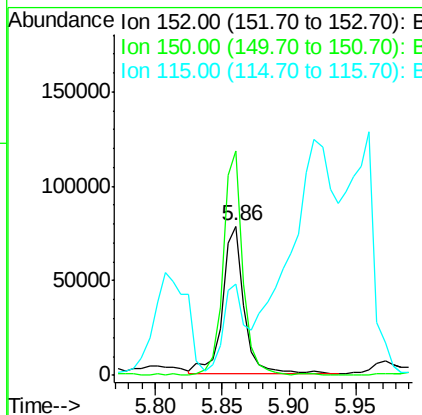
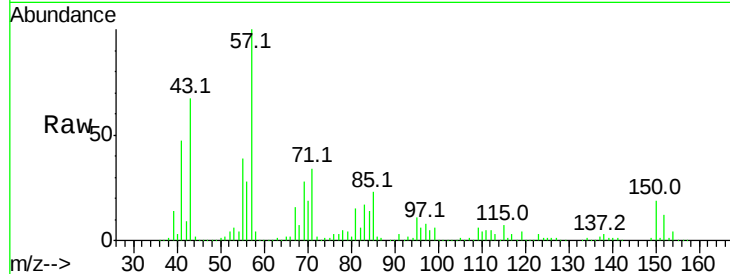
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 667
Delta R.T. 0.10 min
Lab File: BF094551.D
Acq: 20 Apr 2017 18:15

Instrument :
BNA_F
ClientSampleId :
SB-2(18-20)20170418

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	126.2	189.2
115	60.9	52.2	78.2

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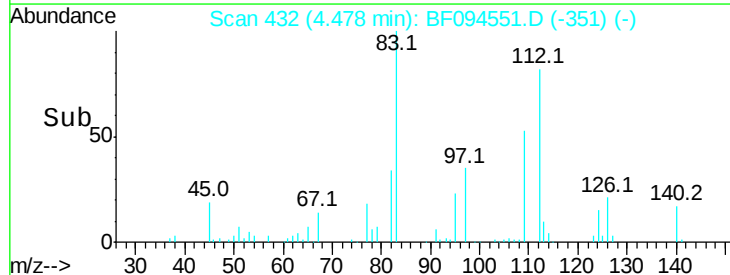
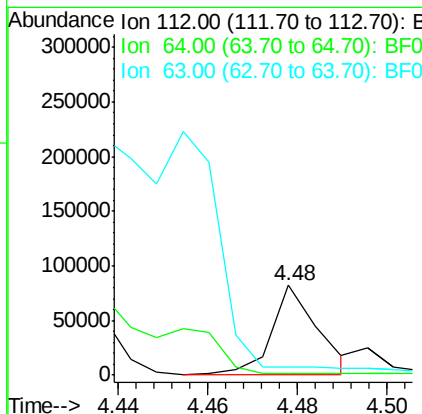
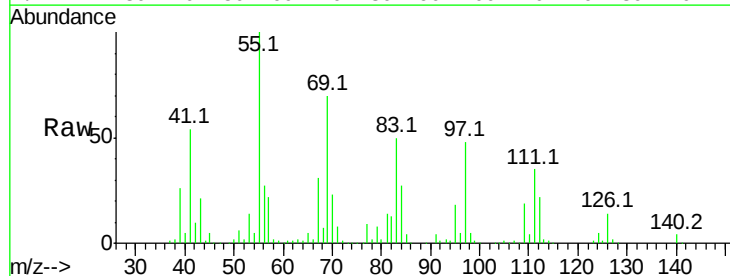
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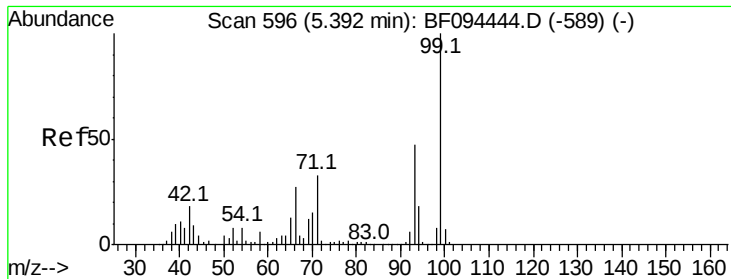


#5

2-Fluorophenol
Concen: 11.04 ng m
RT: 4.48 min Scan# 432
Delta R.T. 0.17 min
Lab File: BF094551.D
Acq: 20 Apr 2017 18:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	2.3	46.0	69.0#
63	8.5	23.4	35.0#





#7

Phenol-d6

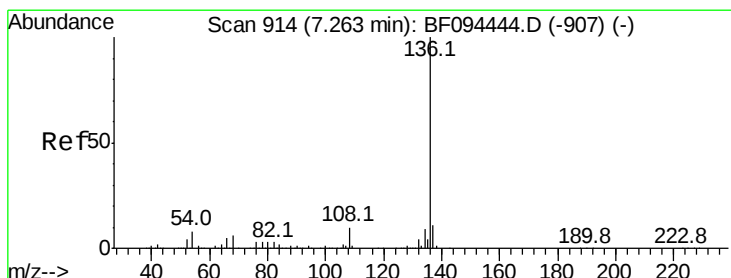
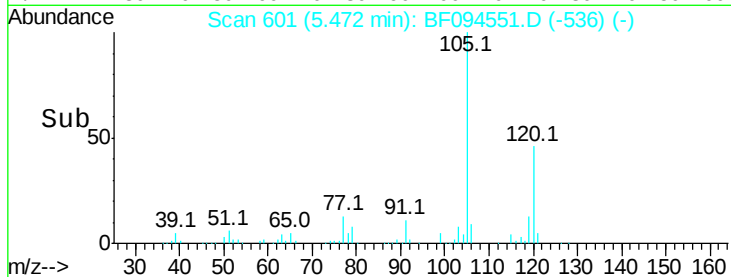
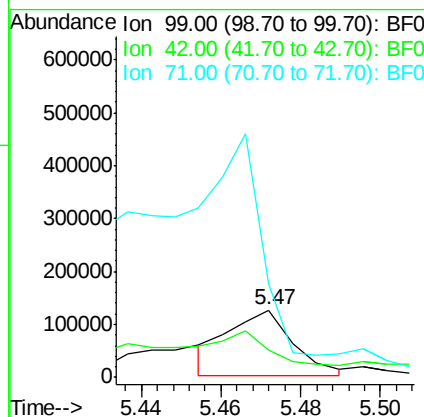
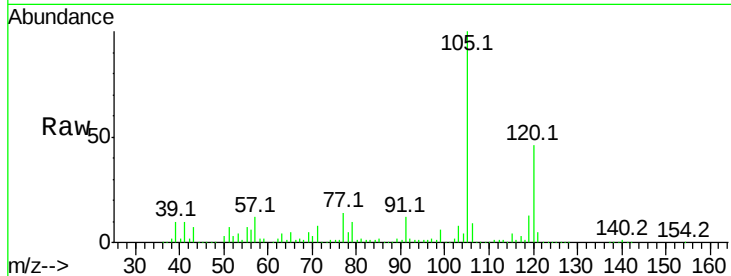
Concen: 22.18 ng m
RT: 5.47 min Scan# 601
Delta R.T. 0.08 min
Lab File: BF094551.D
Acq: 20 Apr 2017 18:15

Instrument :
BNA_F
ClientSampleId :
SB-2(18-20)20170418

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		140443		
42	41.6	13.5	20.3#		
71	139.7	24.5	36.7#		

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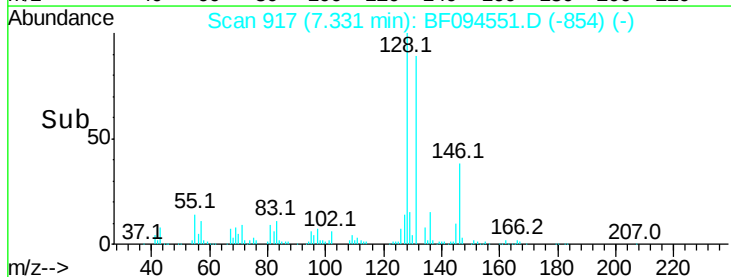
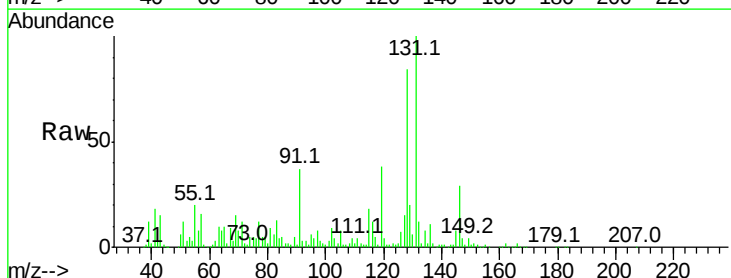
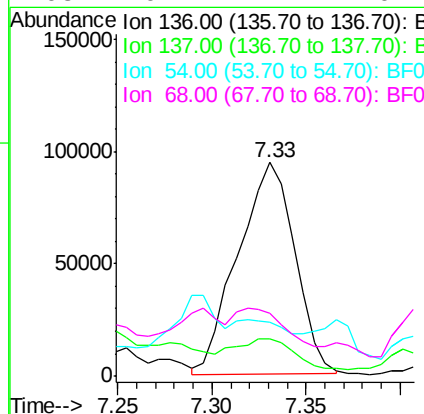


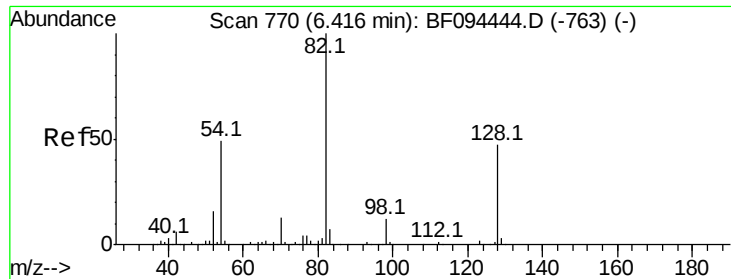
#21

Naphthalene-d8

Concen: 20.00 ng m
RT: 7.33 min Scan# 917
Delta R.T. 0.07 min
Lab File: BF094551.D
Acq: 20 Apr 2017 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		197537		
137	17.3	8.5	12.7#		
54	25.0	4.9	7.3#		
68	29.2	4.1	6.1#		





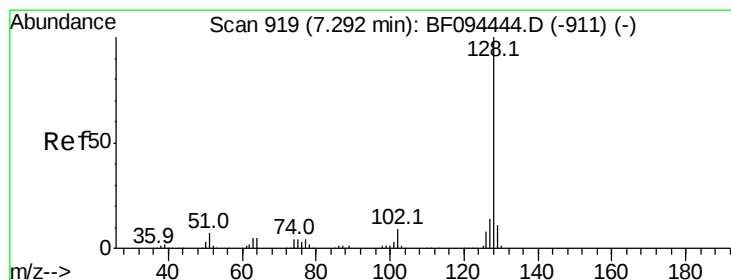
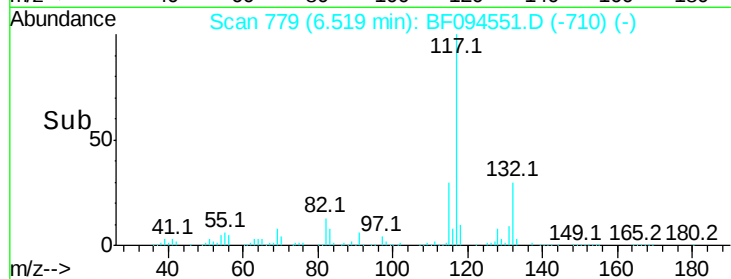
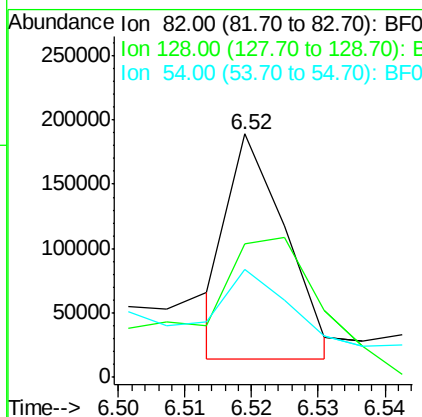
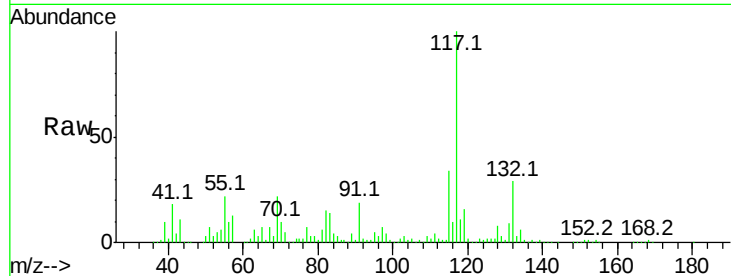
#23
 Nitrobenzene-d5
 Concen: 32.56 ng m
 RT: 6.52 min Scan# 779
 Delta R.T. 0.10 min
 Lab File: BF094551.D
 Acq: 20 Apr 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(18-20)20170418

Tot Ion	Ratio	Lower	Upper
82	100		
128	54.7	34.0	51.0#
54	44.4	42.2	63.2

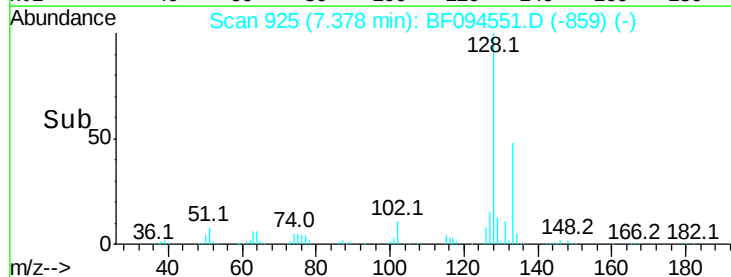
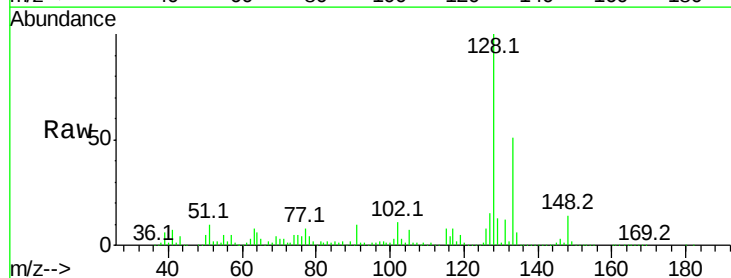
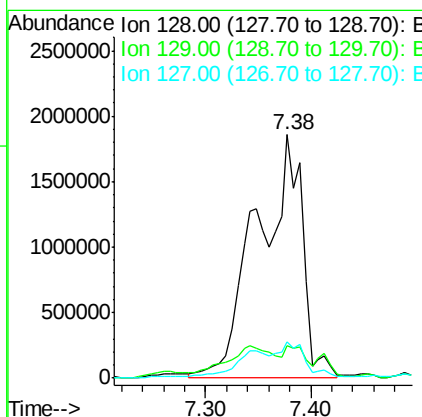
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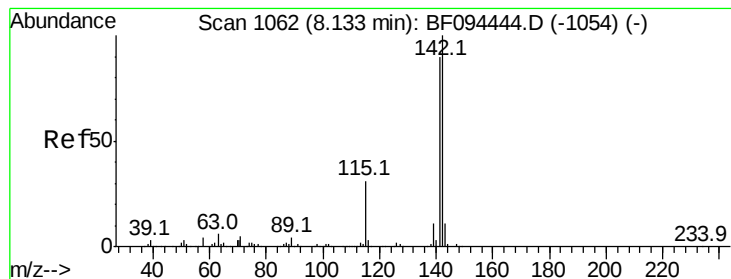
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#31
 Naphthalene
 Concen: 590.71 ng m
 RT: 7.38 min Scan# 925
 Delta R.T. 0.09 min
 Lab File: BF094551.D
 Acq: 20 Apr 2017 18:15

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.0	13.6
127	15.1	10.8	16.2





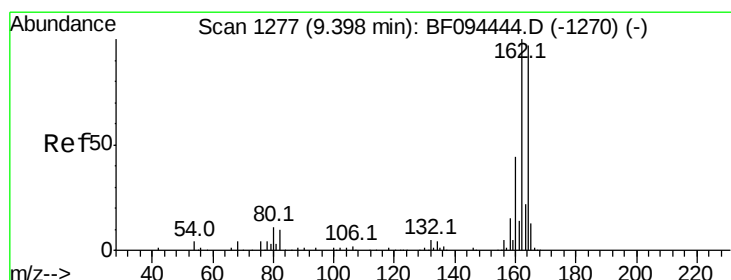
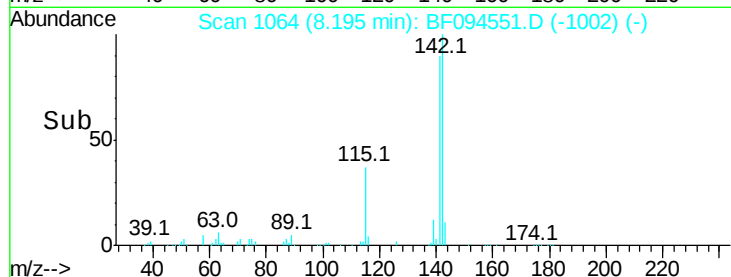
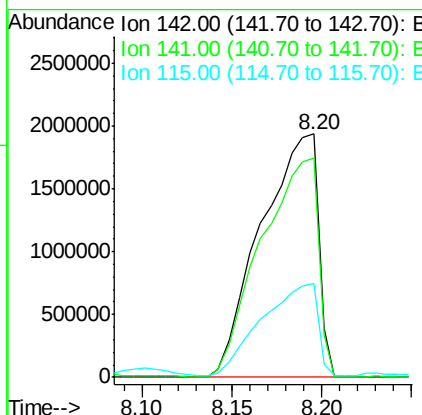
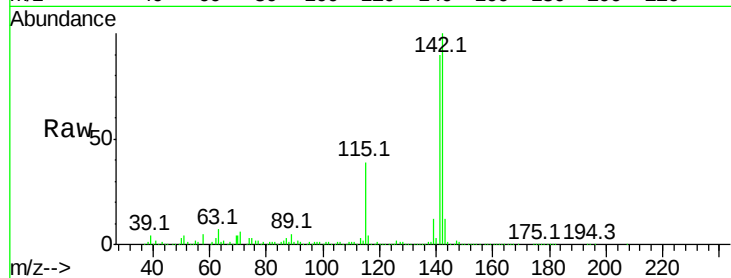
#37
2-Methylnaphthalene
Concen: 659.63 ng/mL
RT: 8.20 min Scan# 1064
Delta R.T. 0.06 min
Lab File: BF094551.D
Acq: 20 Apr 2017 18:15

Instrument :
BNA_F
ClientSampleId :
SB-2(18-20)20170418

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	38.6	27.1	40.7

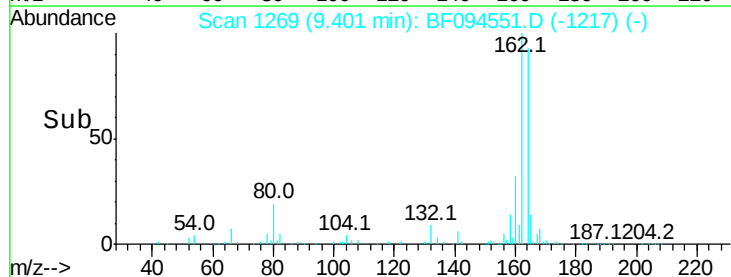
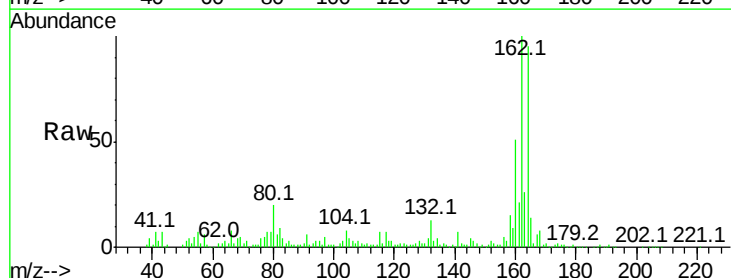
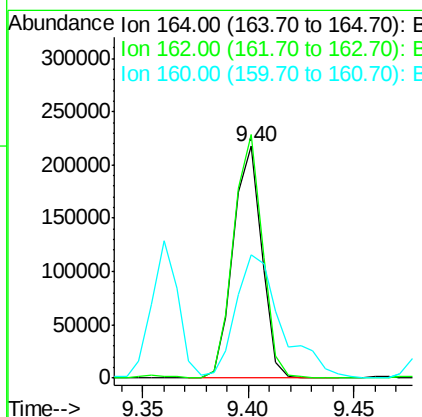
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF094551.D
Acq: 20 Apr 2017 18:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	53.4	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 117.65 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094551.D

Acq: 20 Apr 2017 18:15

Instrument :

BNA_F

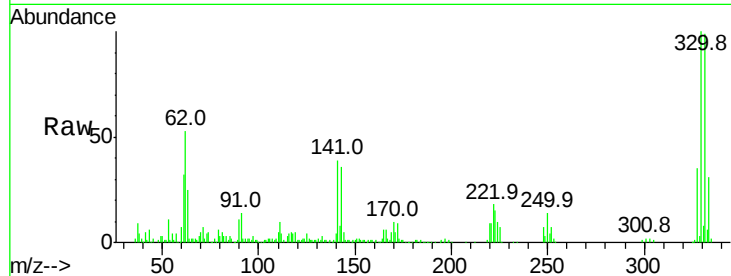
ClientSampleId :

SB-2(18-20)20170418

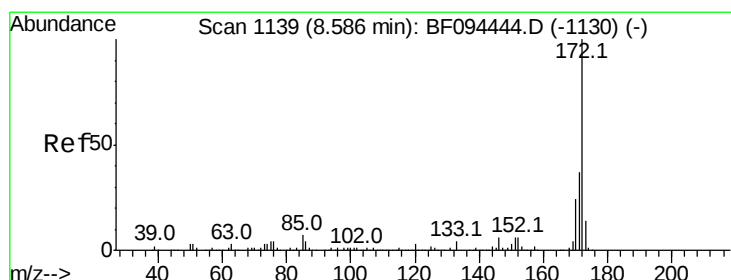
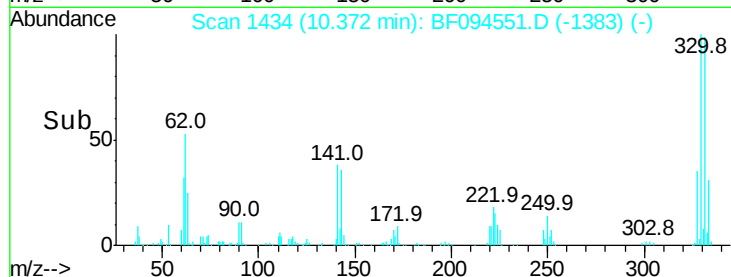
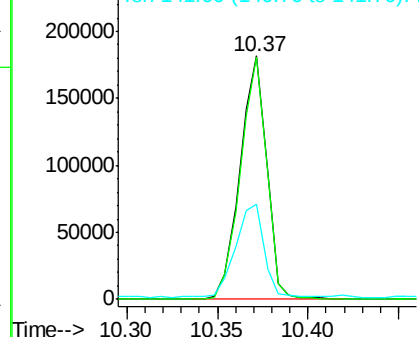
Tot Ion:	330	Resp:	185709
Ion Ratio	Lower	Upper	
330	100		
332	97.9	76.6	115.0
141	41.0	31.4	47.2

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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: 70.93 ng

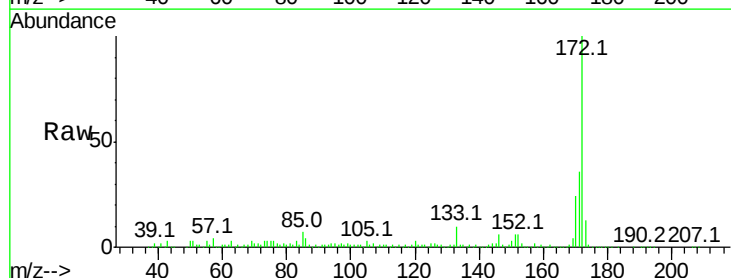
RT: 8.60 min Scan# 1133

Delta R.T. 0.01 min

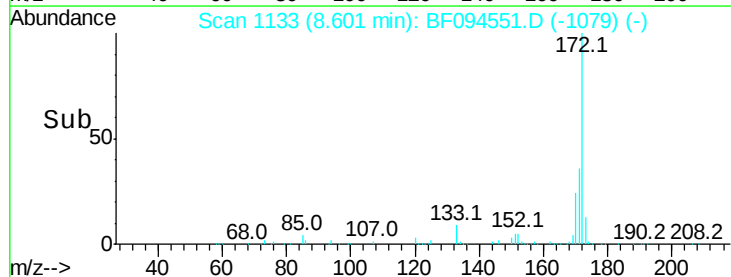
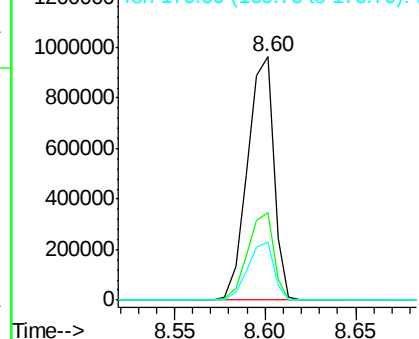
Lab File: BF094551.D

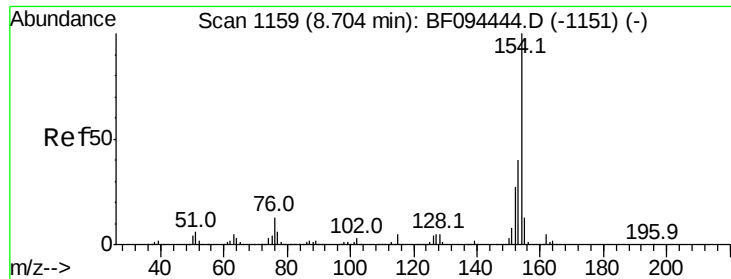
Acq: 20 Apr 2017 18:15

Tgt Ion:	172	Resp:	972787
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	24.0	19.8	29.8



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





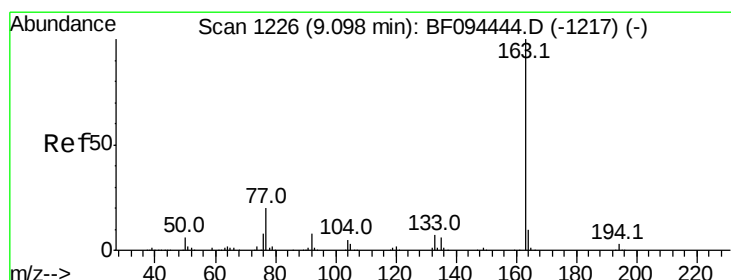
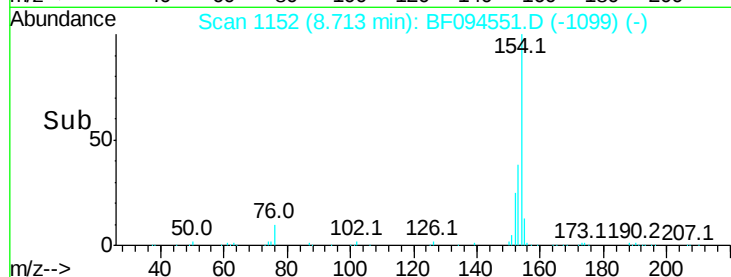
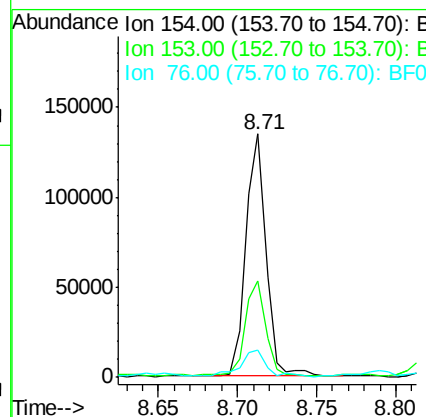
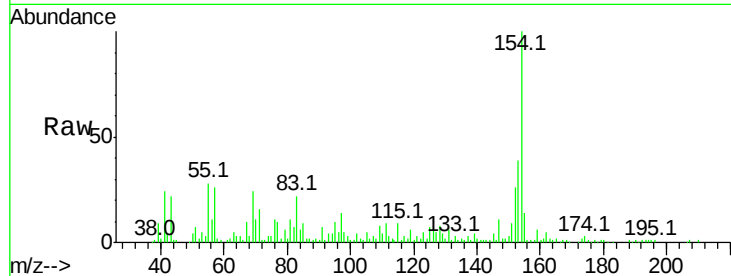
#45
 1,1'-Biphenyl
 Concen: 7.18 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BF094551.D
 Acq: 20 Apr 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(18-20)20170418

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.4	21.2	61.2	
76	11.1	0.0	29.9	

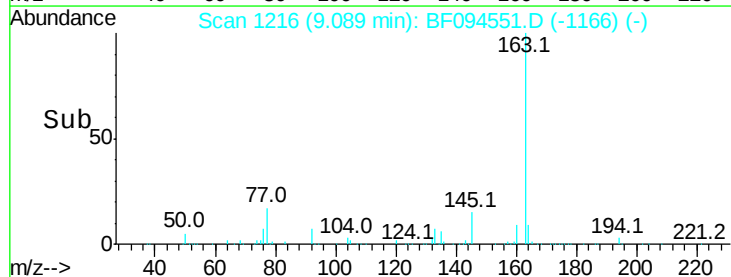
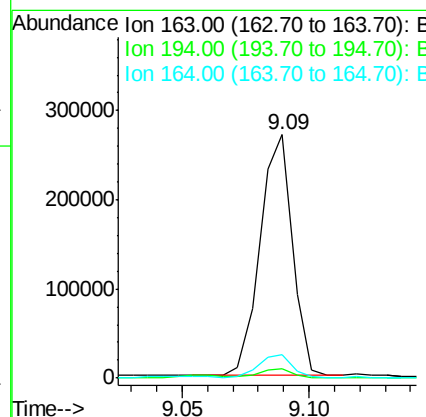
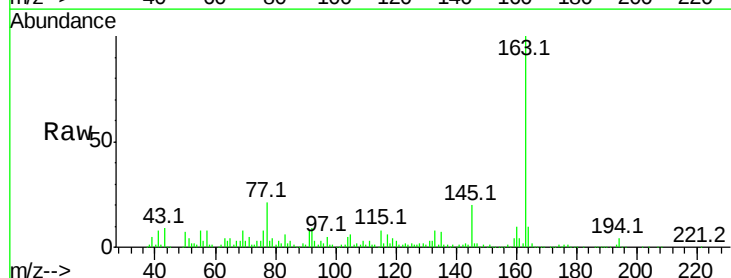
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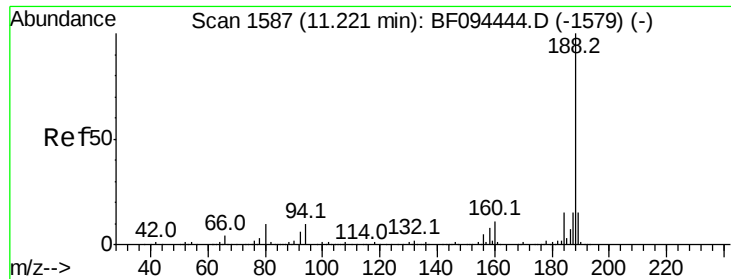
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#49
 Dimethylphthalate
 Concen: 15.95 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF094551.D
 Acq: 20 Apr 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.6	4.0	
164	9.7	8.4	12.6	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094551.D

Acq: 20 Apr 2017 18:15

Instrument :

BNA_F

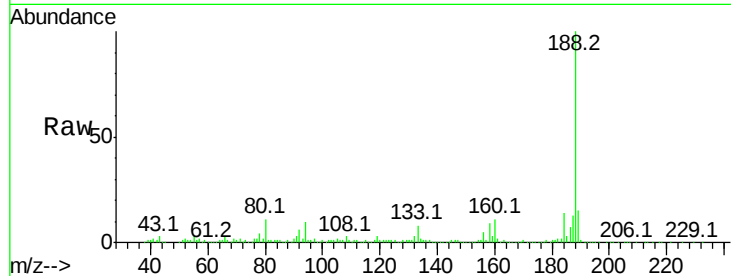
ClientSampleId :

SB-2(18-20)20170418

Tot Ion:	188	Resp:	391452
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	11.5	10.2	15.2

Manual Integrations
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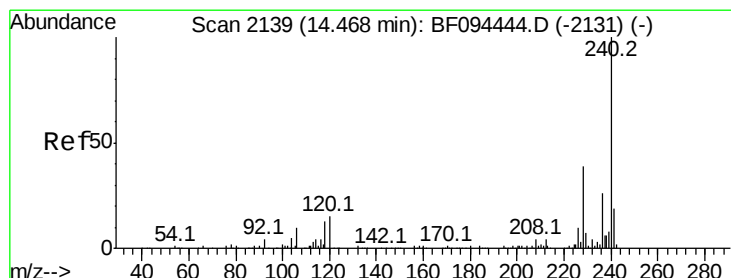
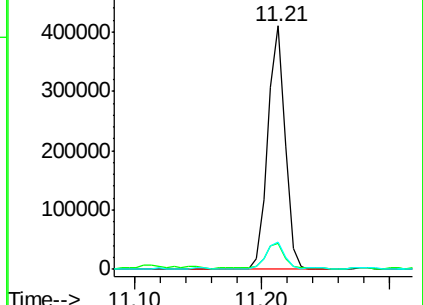
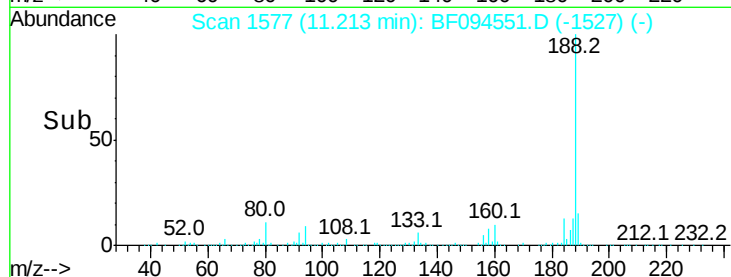
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

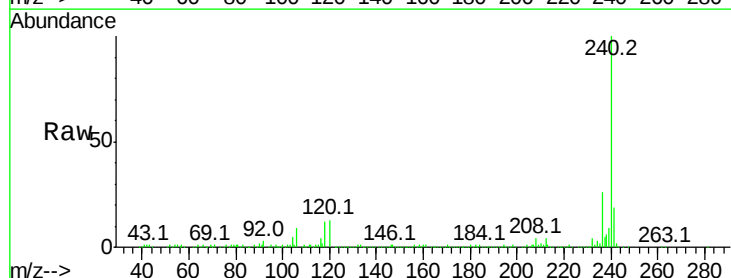
RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094551.D

Acq: 20 Apr 2017 18:15

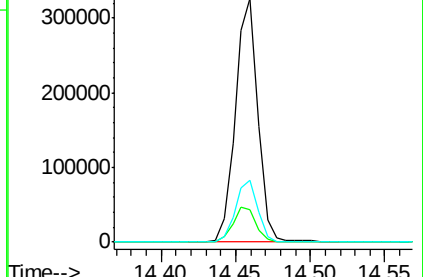
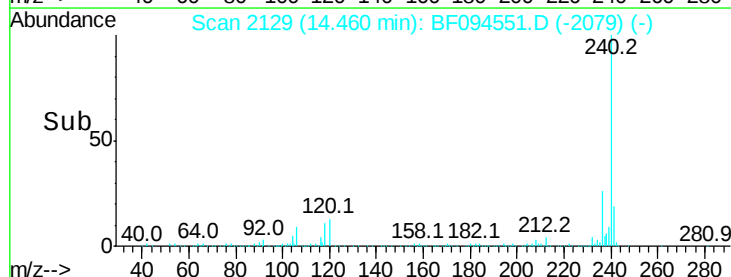
Tgt Ion:	240	Resp:	344776
Ion Ratio	Lower	Upper	
240	100		
120	13.2	5.8	8.8#
236	25.5	20.5	30.7

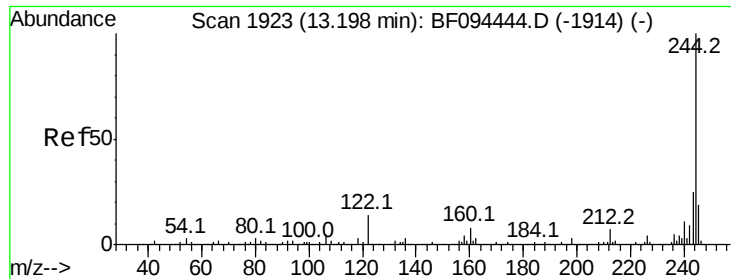


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.78 ng

RT: 13.20 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094551.D

Acq: 20 Apr 2017 18:15

Instrument :

BNA_F

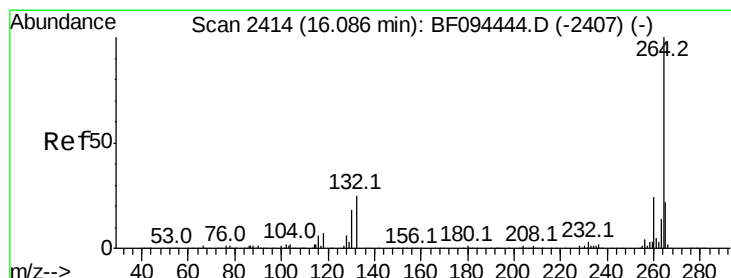
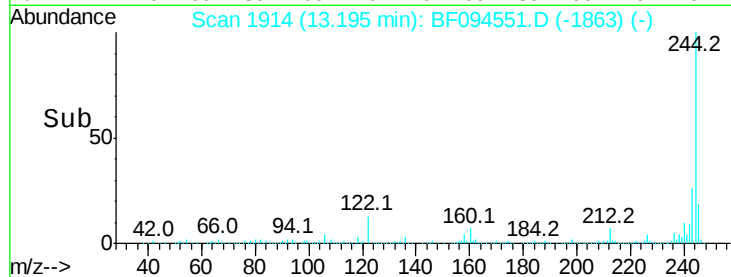
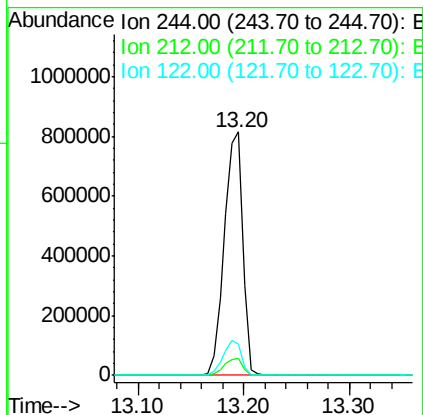
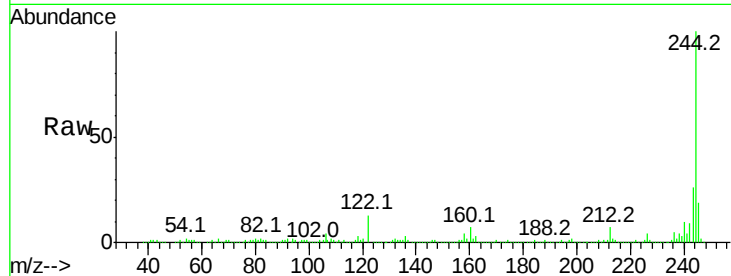
ClientSampleId :

SB-2(18-20)20170418

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.6	10.3	15.5

Manual Integrations
APPROVED

mohammad
4/21/2017 5:24:08 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.08 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BF094551.D

Acq: 20 Apr 2017 18:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.2	17.2	25.8

