

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
 Data File : BF093591.D
 Acq On : 12 Mar 2017 5:21
 Operator : SJ/MA
 Sample : I2010-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB412B

Manual Integrations
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Quant Time: Mar 13 18:07:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	189395	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	754777	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	326315	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	474476	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	346265	20.00	ng	-0.01
86) Perylene-d12	15.28	264	301500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1572529	138.19	ng	0.00
7) Phenol-d6	6.38	99	2010805	140.12	ng	0.00
23) Nitrobenzene-d5	7.29	82	1216330	89.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	271931	127.91	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1821593	103.83	ng	0.00
78) Terphenyl-d14	12.83	244	1156861	86.86	ng	0.00
Target Compounds						
10) Phenol	6.39	94	141060	8.02	ng	Qvalue # 76
49) Dimethylphthalate	9.49	163	253694	11.73	ng	99
77) Pyrene	12.69	202	54446	2.16	ng	96
87) Benzo(b)fluoranthene	14.89	252	37978m	2.07	ng	

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

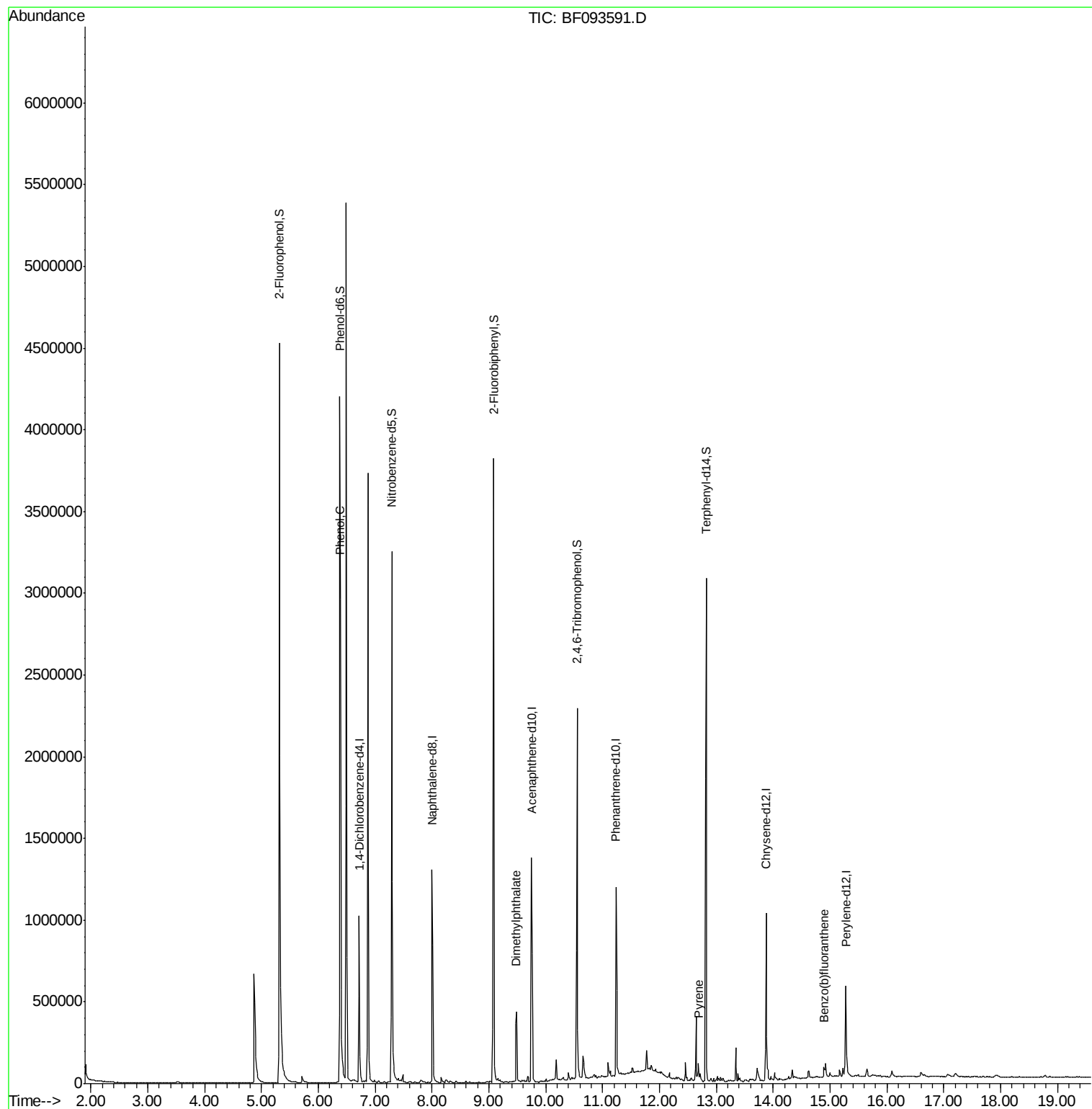
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
Data File : BF093591.D
Acq On : 12 Mar 2017 5:21
Operator : SJ/MA
Sample : I2010-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

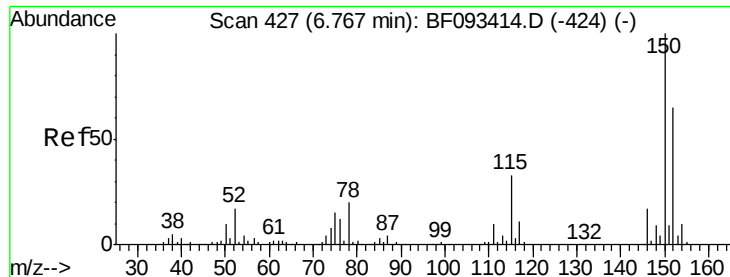
Instrument :
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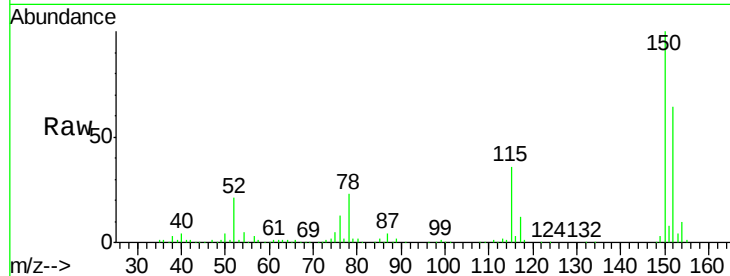
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

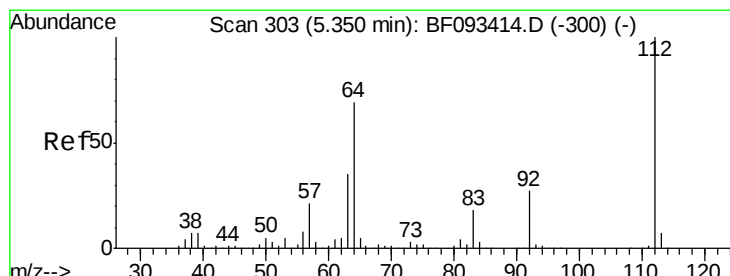
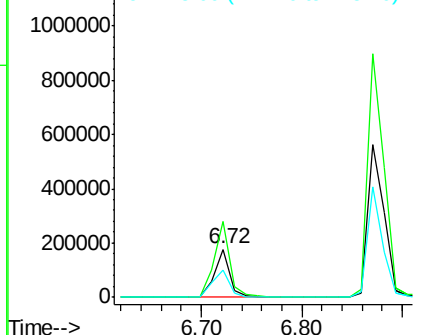
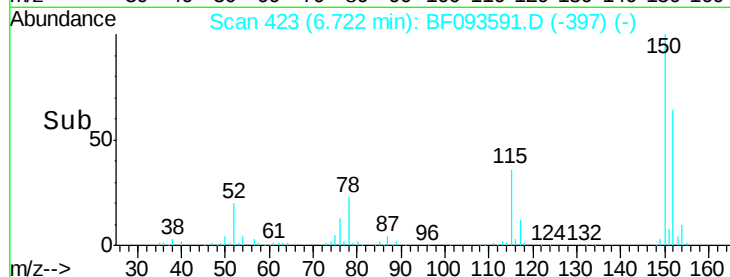
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.9	187.3
115	55.8	46.0	69.0

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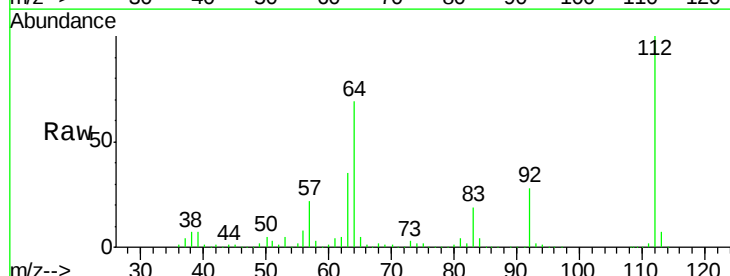


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

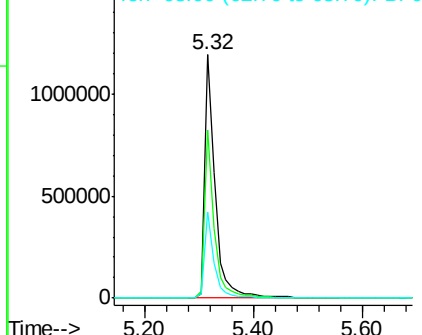
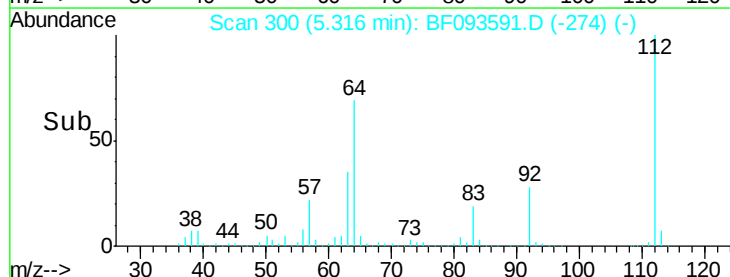


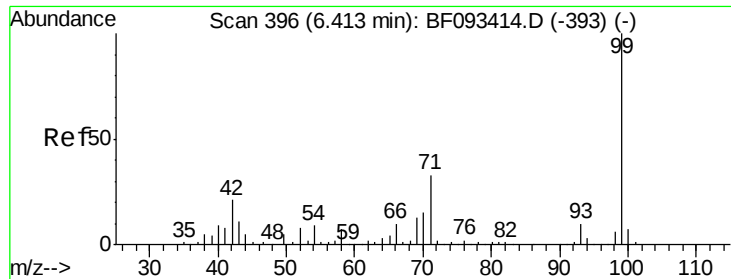
#5
2-Fluorophenol
Concen: 138.19 ng
RT: 5.32 min Scan# 300
Delta R.T. 0.00 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	46.1	69.1#
63	35.3	23.8	35.6



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: 140.12 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093591.D

Acq: 12 Mar 2017 5:21

Instrument :

BNA_F

ClientSampleId :

HY-SB412B

Tgt Ion: 99 Resp: 2010805

Ion Ratio Lower Upper

99 100

42 21.8 15.6 23.4

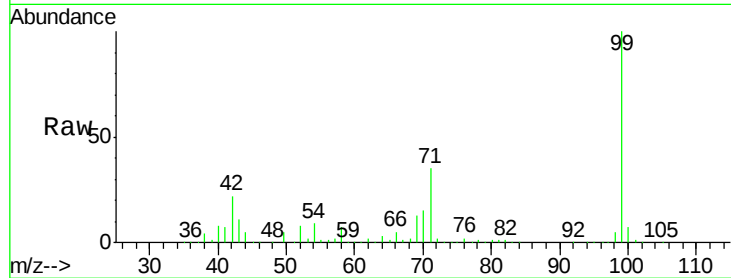
71 34.8 27.5 41.3

Manual Integrations

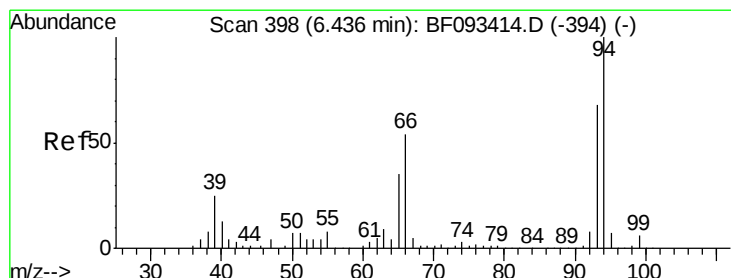
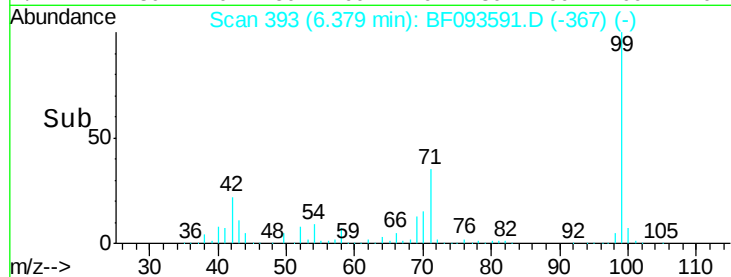
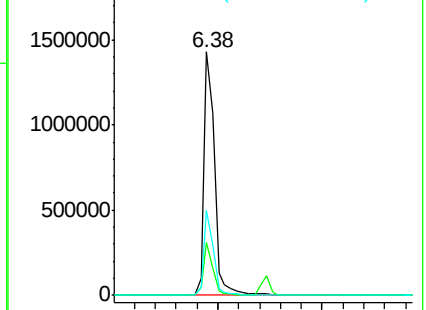
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 8.02 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093591.D

Acq: 12 Mar 2017 5:21

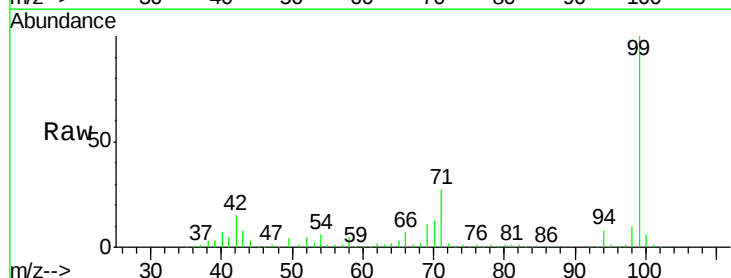
Tgt Ion: 94 Resp: 141060

Ion Ratio Lower Upper

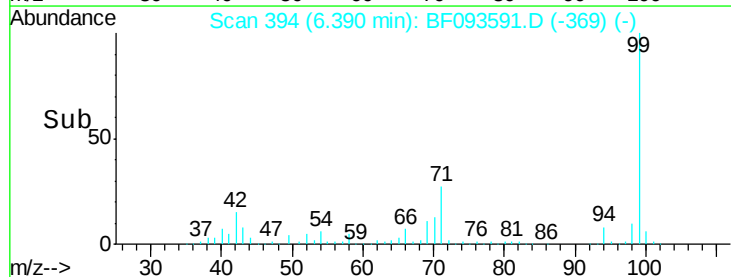
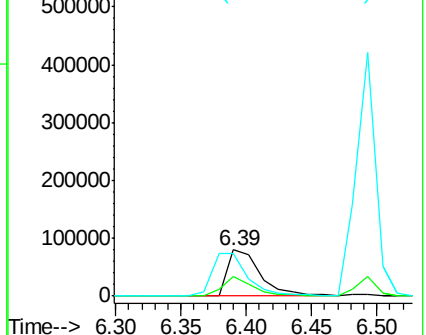
94 100

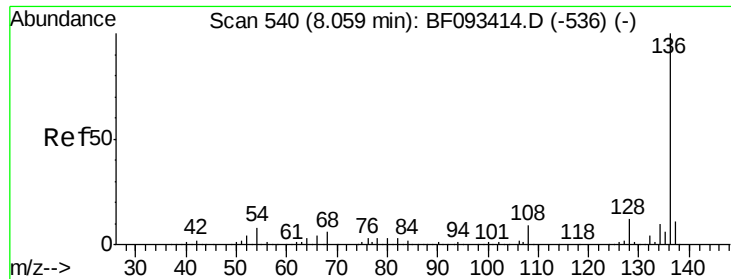
65 43.6 21.4 61.4

66 93.0 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





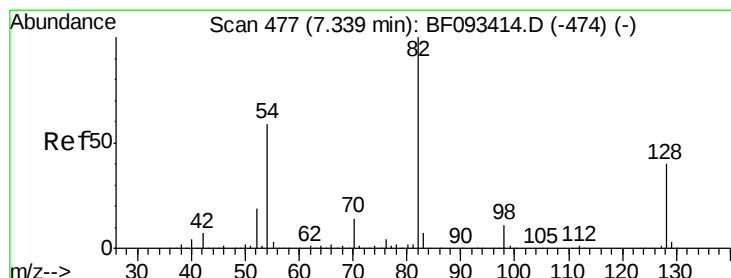
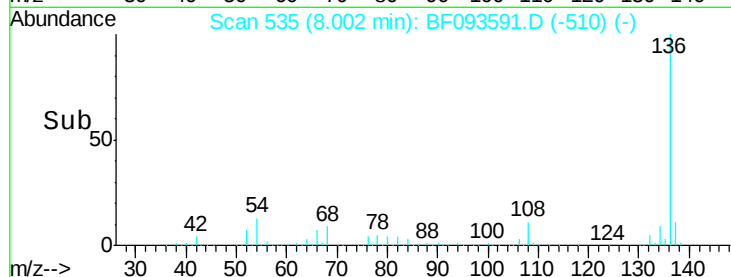
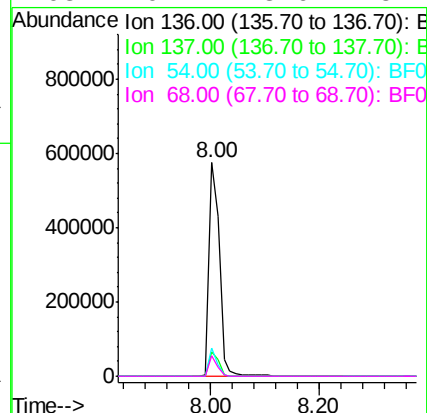
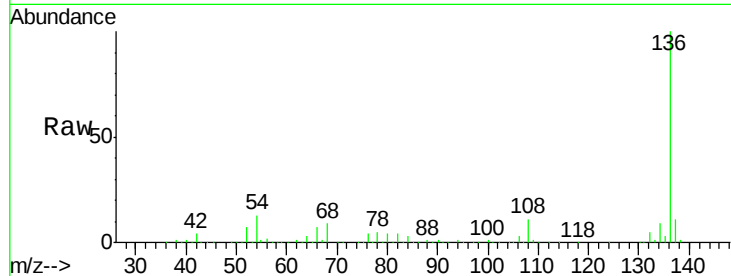
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	754777		
137	11.3	8.4	12.6	
54	13.4	4.5	6.7#	
68	9.4	3.6	5.4#	

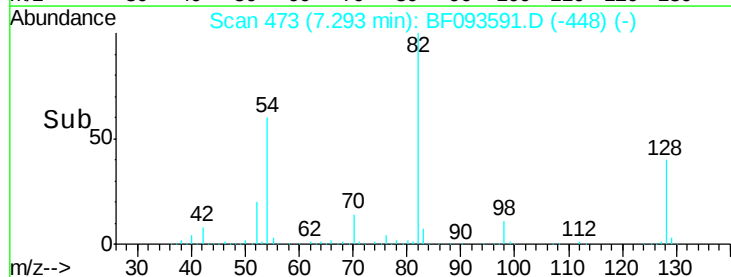
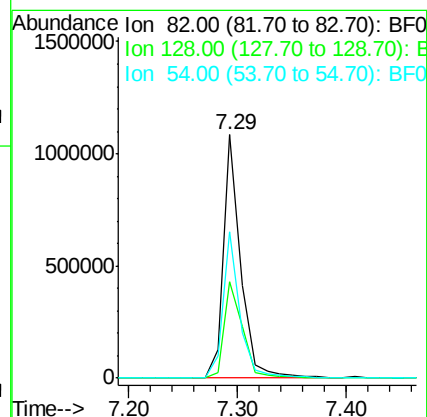
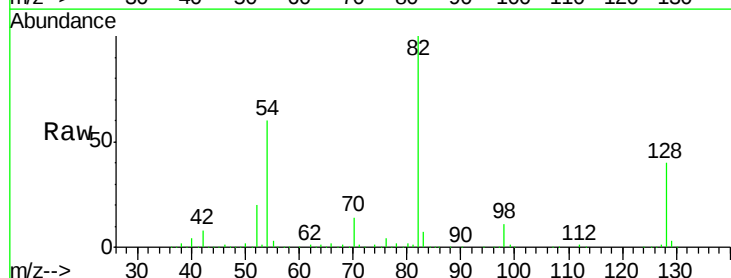
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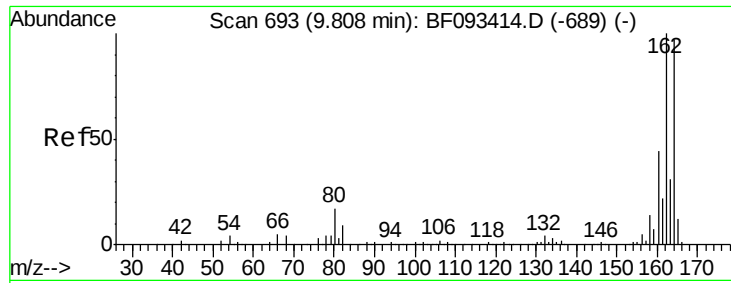
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#23
Nitrobenzene-d5
Concen: 89.41 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1216330		
128	39.6	34.6	52.0	
54	60.3	39.5	59.3#	





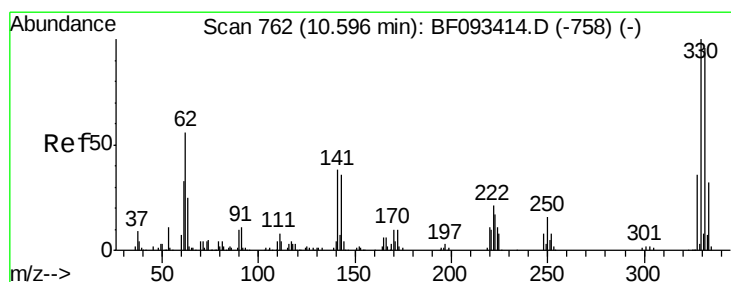
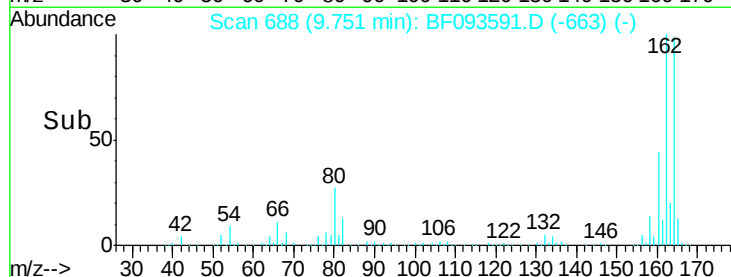
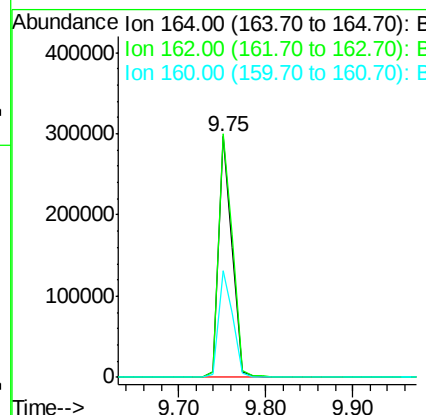
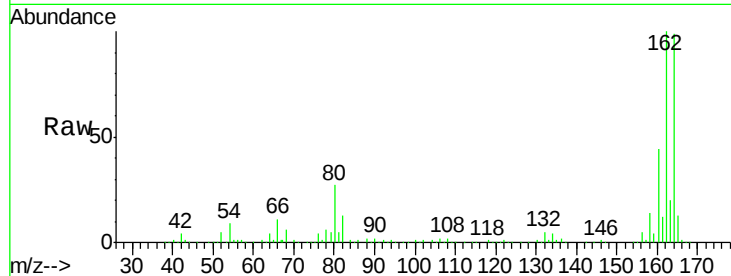
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	326315		
162	101.3	80.2	120.2	
160	44.3	36.9	55.3	

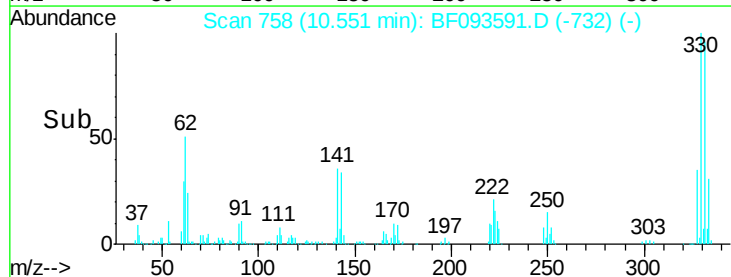
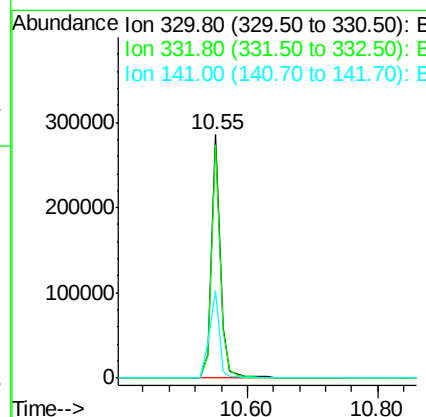
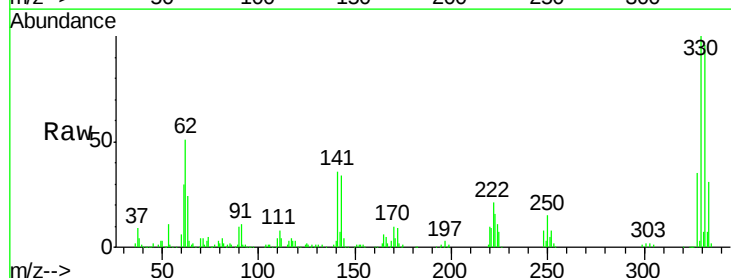
Manual Integrations
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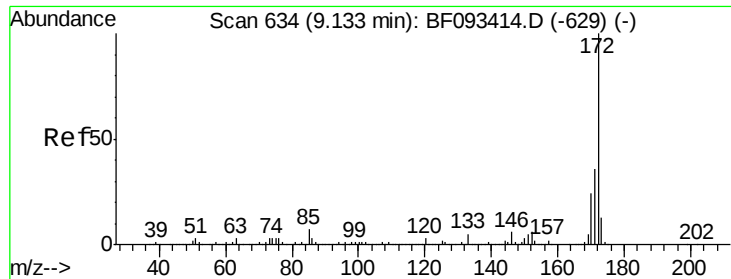
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#41
2,4,6-Tribromophenol
Concen: 127.91 ng
RT: 10.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	271931		
332	96.1	77.4	116.2	
141	40.0	34.1	51.1	





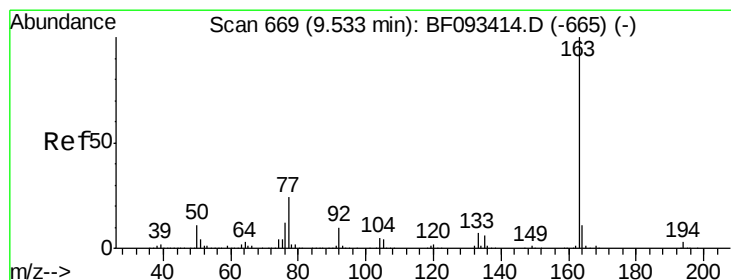
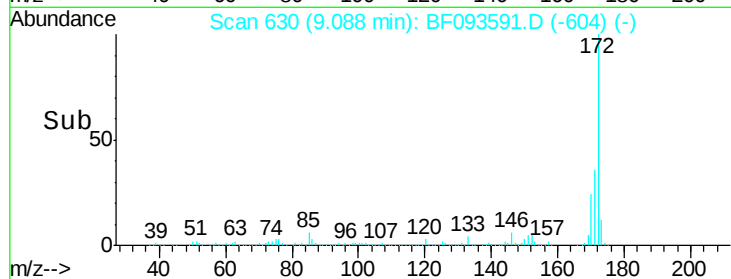
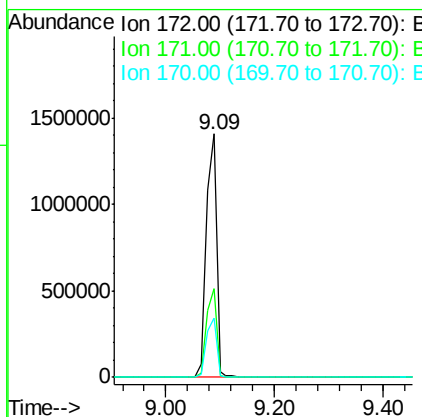
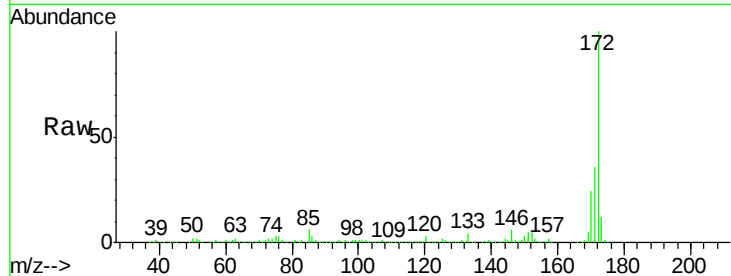
#44
 2-Fluorobiphenyl
 Concen: 103.83 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093591.D
 Acq: 12 Mar 2017 5:21

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB412B

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.3	20.2	30.4

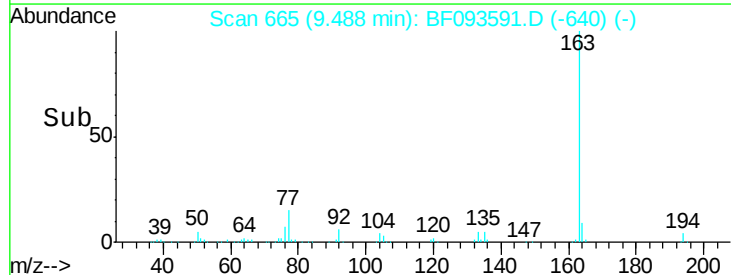
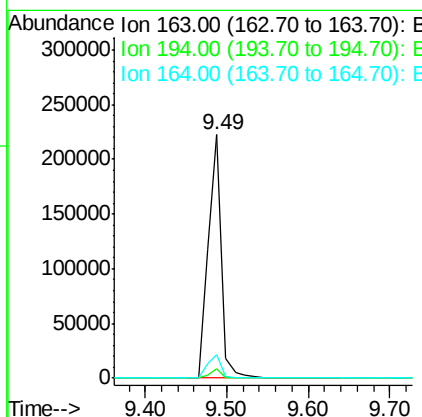
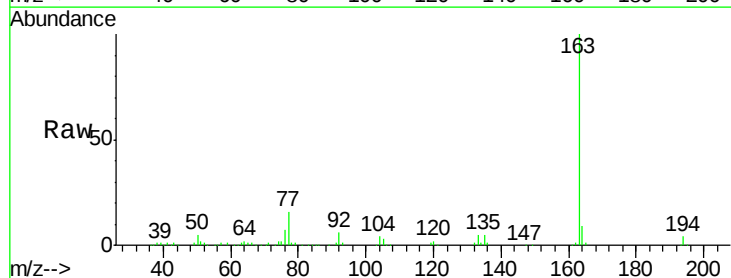
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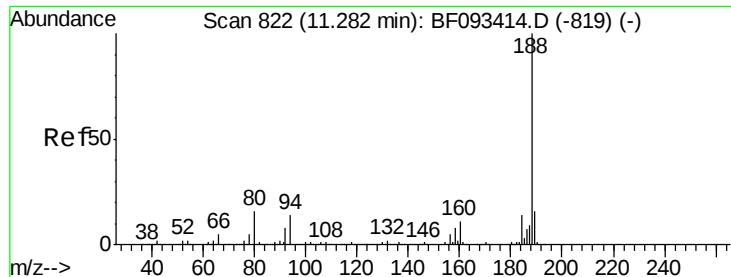
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#49
 Dimethylphthalate
 Concen: 11.73 ng
 RT: 9.49 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF093591.D
 Acq: 12 Mar 2017 5:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.5	8.0	12.0





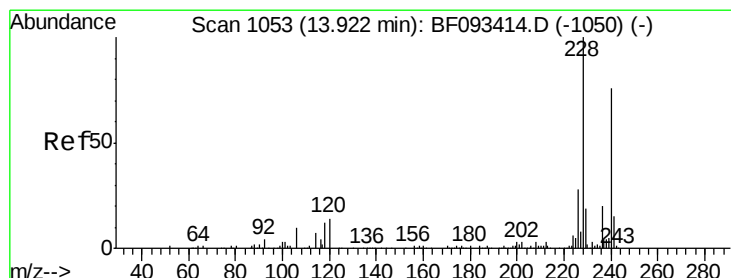
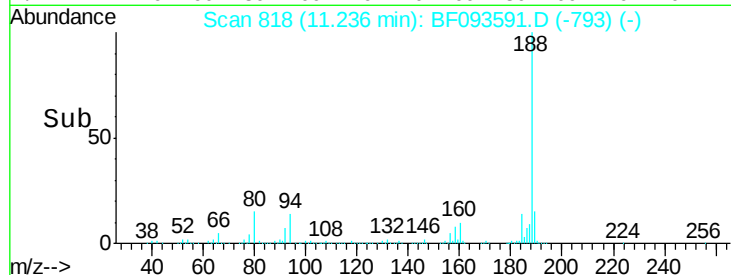
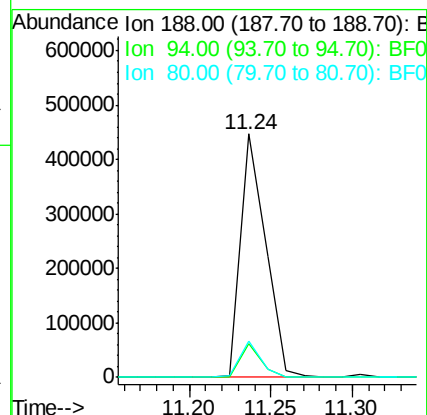
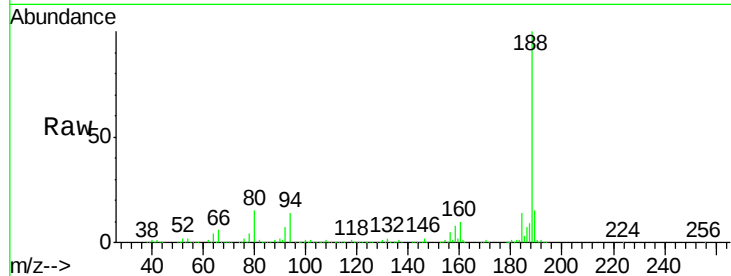
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	474476		
94	14.0	10.0	15.0	
80	14.9	11.2	16.8	

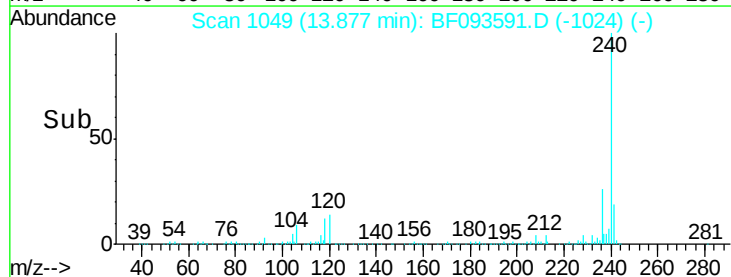
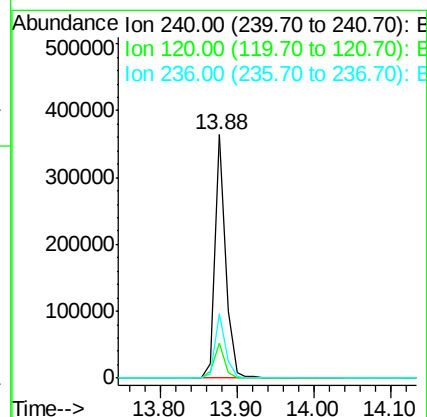
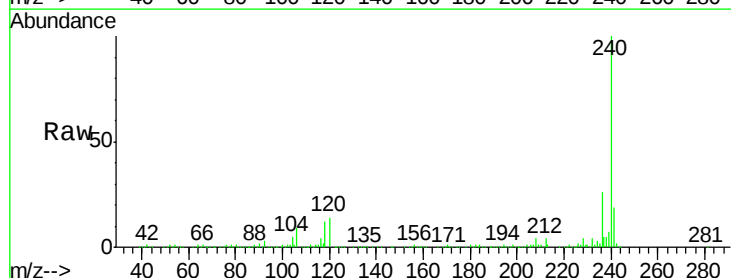
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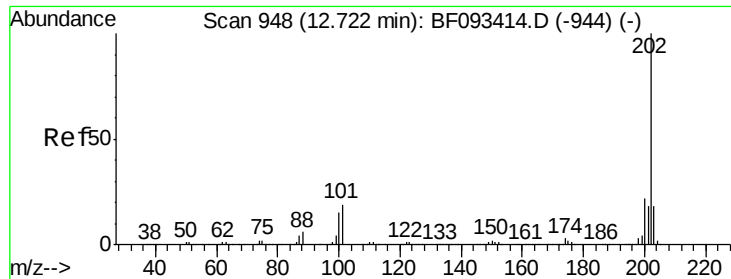
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	346265		
120	14.3	12.9	19.3	
236	26.3	20.9	31.3	





#77

Pyrene

Concen: 2.16 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF093591.D

Acq: 12 Mar 2017 5:21

Instrument :

BNA_F

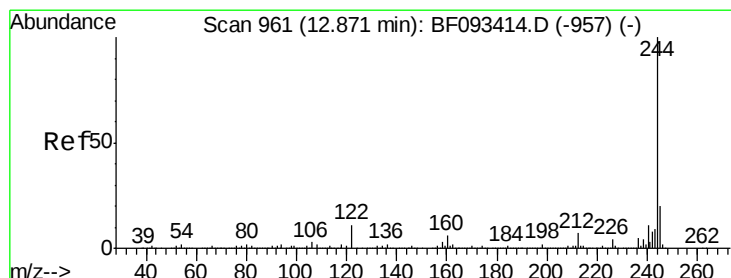
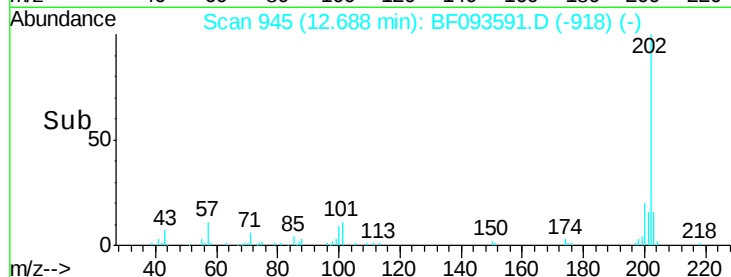
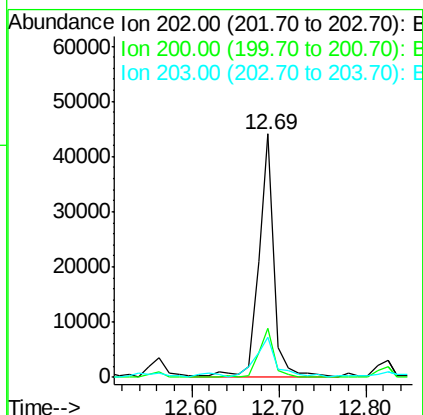
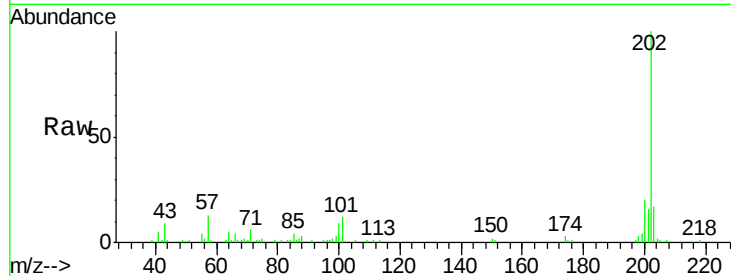
ClientSampleId :

HY-SB412B

Tgt Ion:	202	Resp:	54446
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.7	26.5
203	16.6	14.7	22.1

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#78

Terphenyl-d14

Concen: 86.86 ng

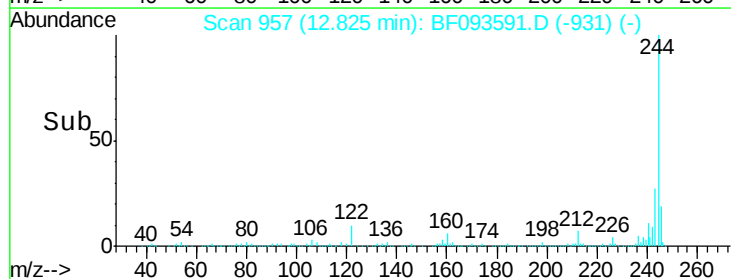
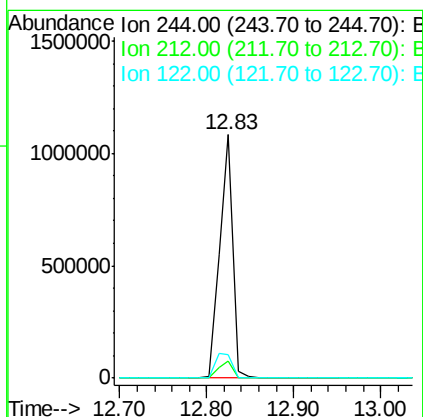
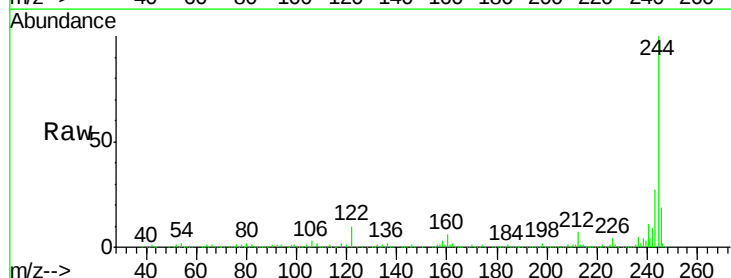
RT: 12.83 min Scan# 957

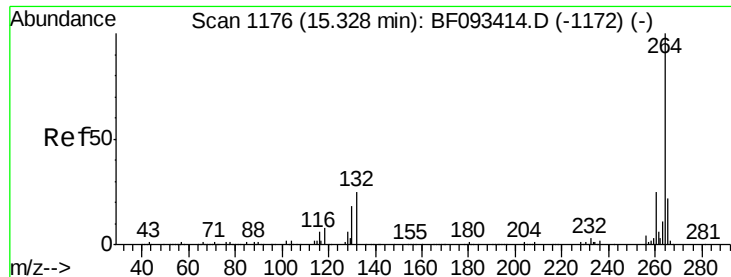
Delta R.T. 0.00 min

Lab File: BF093591.D

Acq: 12 Mar 2017 5:21

Tgt Ion:	244	Resp:	1156861
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.2	9.2
122	9.7	11.4	17.2#





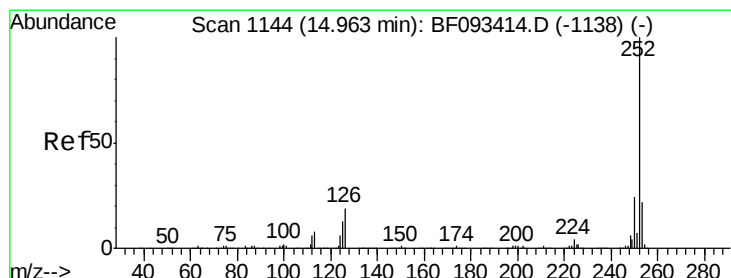
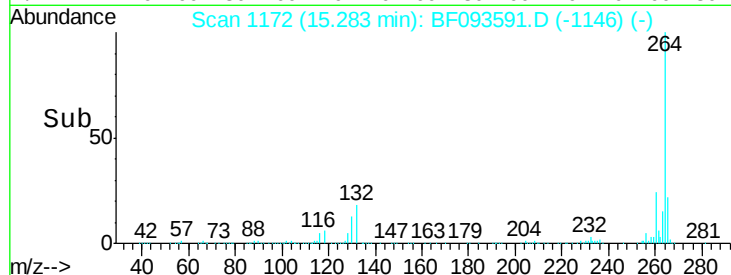
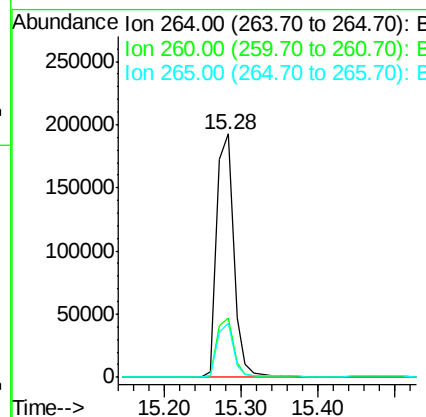
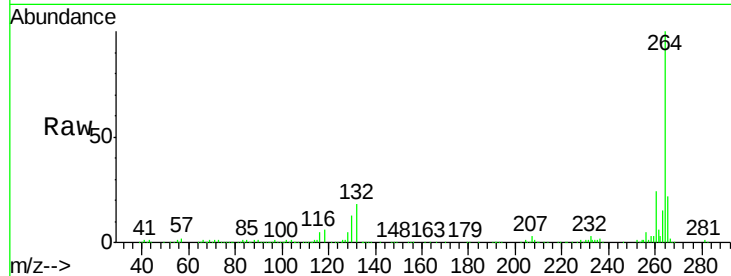
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	301500		
260	24.1	19.2	28.8	
265	22.4	17.4	26.0	

Manual Integrations
APPROVED

mohammad
3/15/2017 5:34:51 PM



#87
Benzo(b)fluoranthene
Concen: 2.07 ng m
RT: 14.89 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	37978		
253	23.9	18.2	27.4	
125	15.6	9.8	14.6#	

