

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093215.D
 Acq On : 27 Feb 2017 20:12
 Operator : SJ/MA
 Sample : I1997-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB6-BASE

Manual Integrations
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mohammad
 2/28/2017 2:35:03 PM

Quant Time: Feb 28 00:54:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 00:51:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	160832	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	626525	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	315836	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	588564	20.00	ng	0.00
75) Chrysene-d12	13.99	240	516525	20.00	ng	0.00
86) Perylene-d12	15.41	264	383415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1402683	149.63	ng	0.01
7) Phenol-d6	6.48	99	1934350	160.37	ng	0.00
23) Nitrobenzene-d5	7.39	82	1246584	110.80	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	389834	170.66	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1875687	107.59	ng	0.00
78) Terphenyl-d14	12.93	244	1475364	67.11	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.25	107	32427	3.06	ng	Qvalue # 71
27) 2,4-Dimethylphenol	7.77	122	33247	3.45	ng	99
31) Naphthalene	8.12	128	175232	5.52	ng	98
37) 2-Methylnaphthalene	8.82	142	85535	4.19	ng	95
49) Dimethylphthalate	9.57	163	448808	21.10	ng	99
51) Acenaphthene	9.88	154	58630	3.17	ng	96
54) Dibenzofuran	10.06	168	64877	2.63	ng	90
57) Fluorene	10.41	166	61657m	3.24	ng	
70) Phenanthrene	11.37	178	274505	8.14	ng	98
74) Fluoranthene	12.56	202	173698	4.99	ng	92
77) Pyrene	12.79	202	142044	3.67	ng	98

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

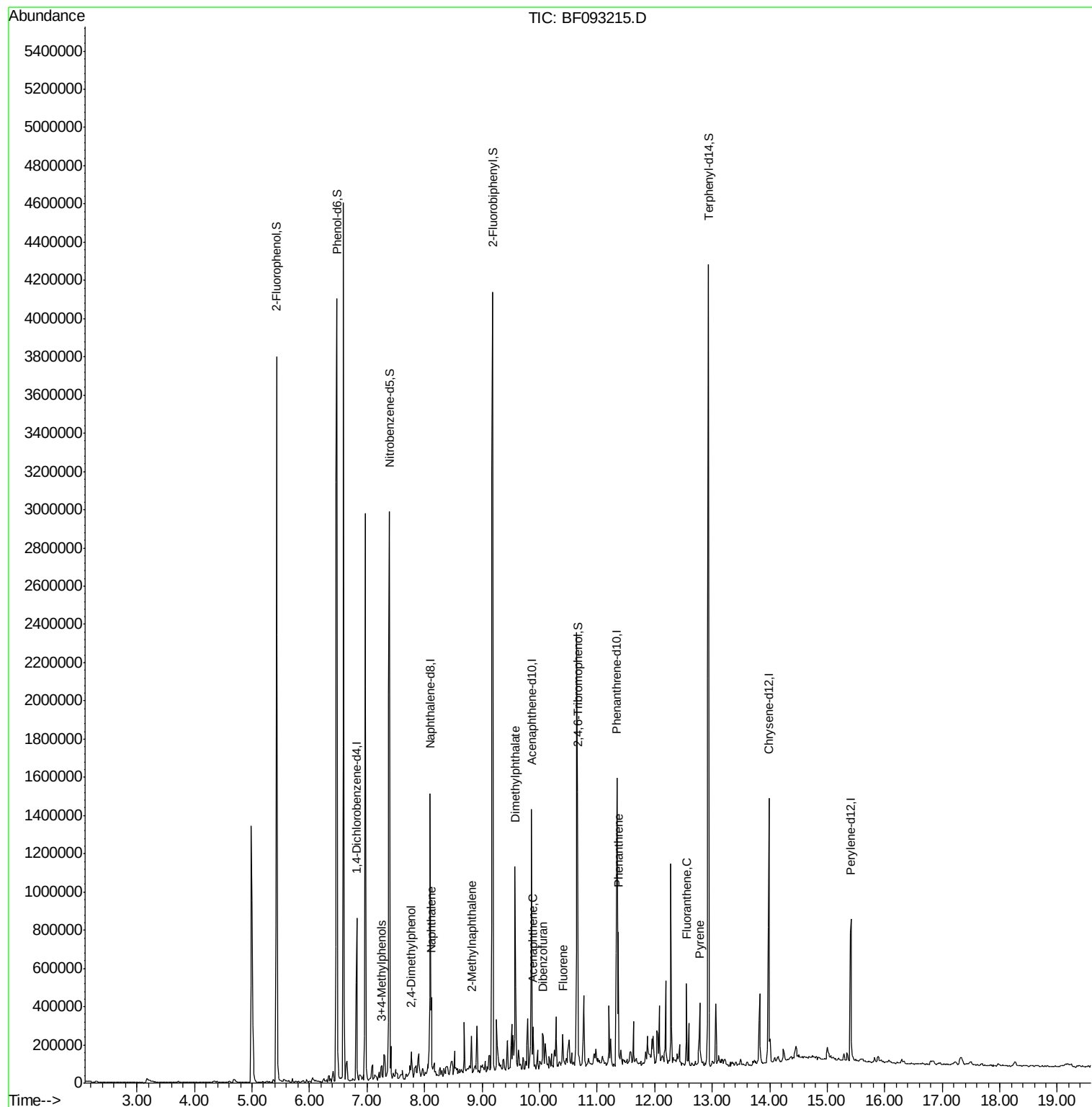
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093215.D
Acq On : 27 Feb 2017 20:12
Operator : SJ/MA
Sample : I1997-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

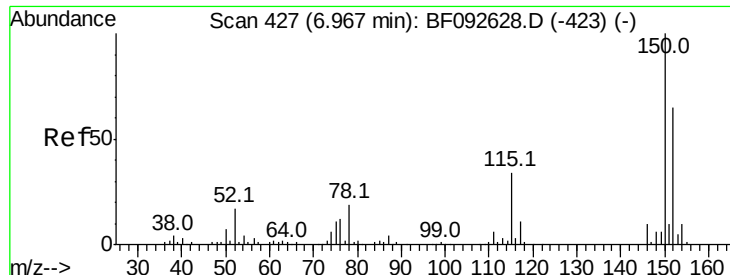
Instrument :
BNA_F
ClientSampleId :
E2-BB6-BASE

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Quant Time: Feb 28 00:54:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 00:51:02 2017
Response via : Initial Calibration





#1

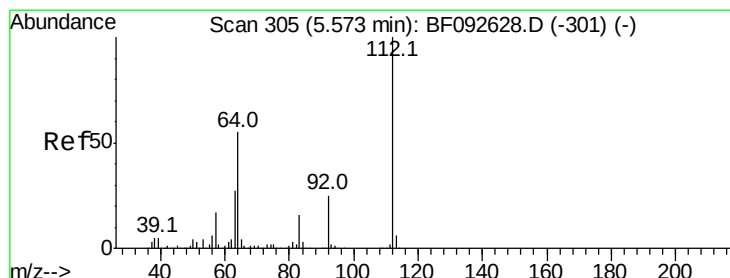
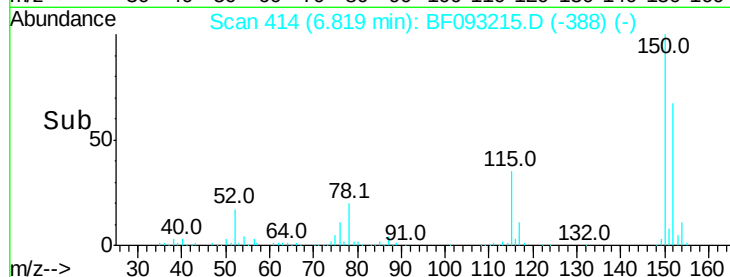
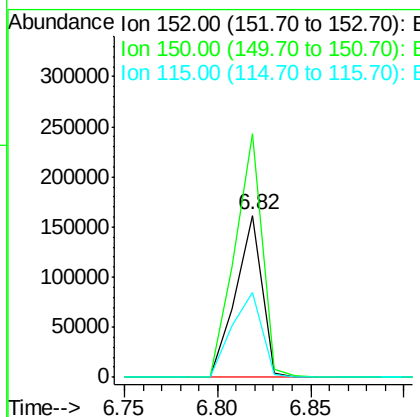
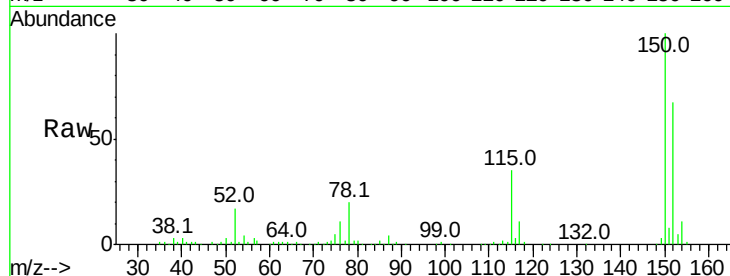
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF093215.D
Acq: 27 Feb 2017 20:12

Instrument :
BNA_F
ClientSampleId :
E2-BB6-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.9	187.3
115	52.1	46.0	69.0

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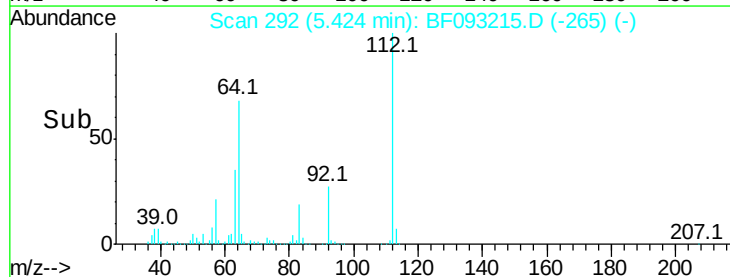
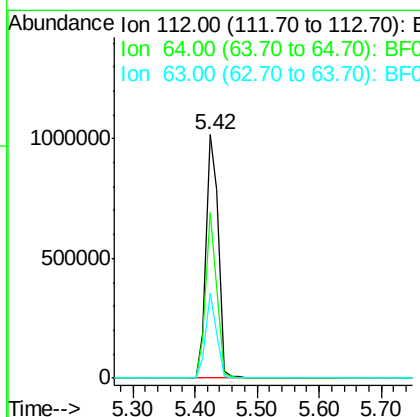
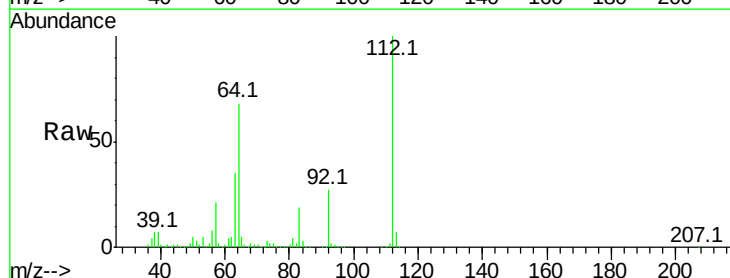
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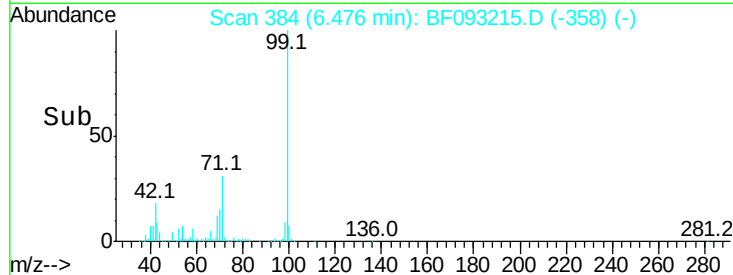
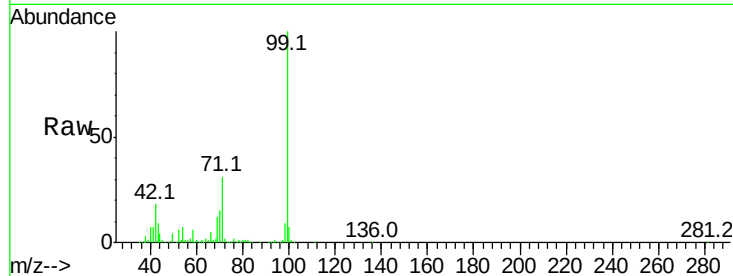
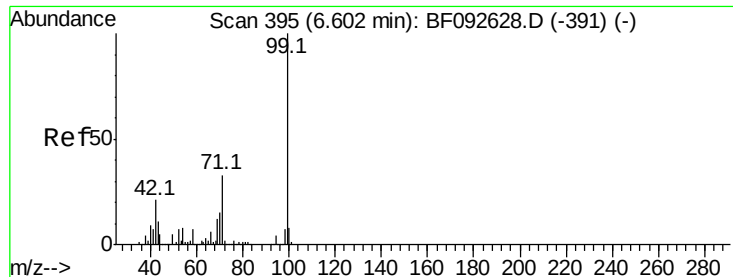


#5

2-Fluorophenol
Concen: 149.63 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF093215.D
Acq: 27 Feb 2017 20:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	46.1	69.1
63	34.6	23.8	35.6





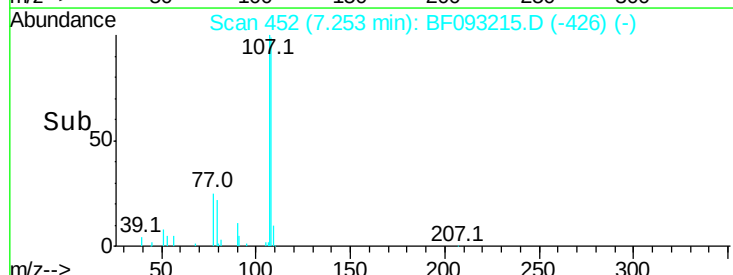
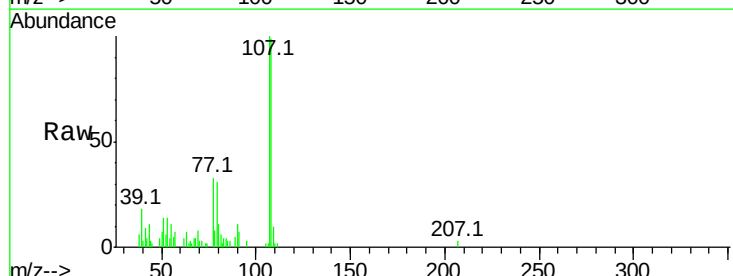
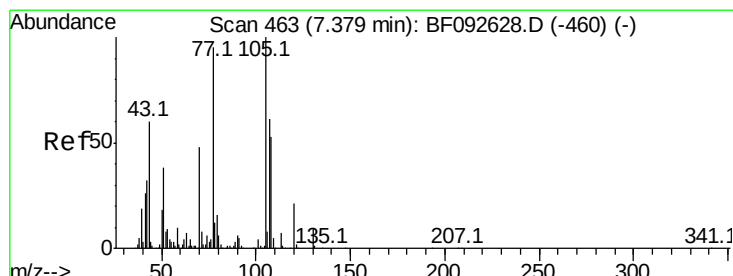
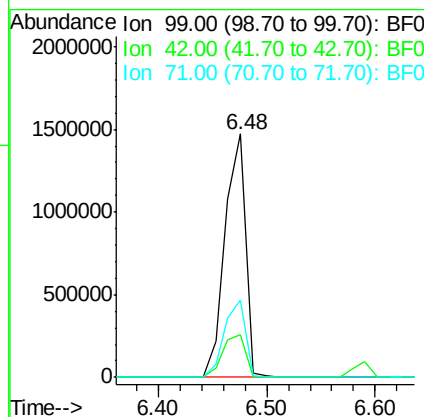
#7
Phenol-d6
Concen: 160.37 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF093215.D
Acq: 27 Feb 2017 20:12

Tot Ion	99	Ratio	100	Resp	1934350	Lower	Upper
99	100						
42	17.7			15.6	23.4		
71	31.5			27.5	41.3		

Instrument :
BNA_F
ClientSampleId :
E2-BB6-BASE

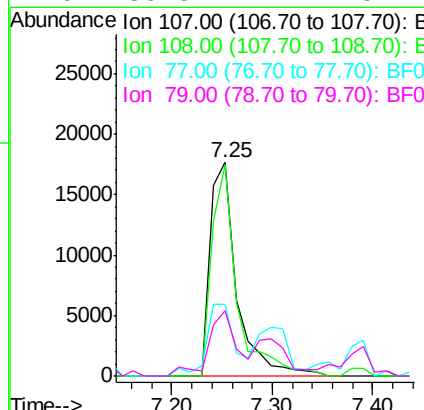
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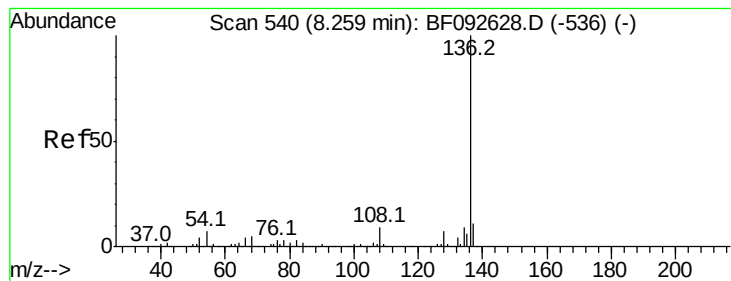
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#20
3+4-Methylphenols
Concen: 3.06 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF093215.D
Acq: 27 Feb 2017 20:12

Tgt Ion	107	Ratio	100	Resp	32427	Lower	Upper
107	100						
108	98.7			73.0	113.0		
77	33.3			71.3	111.3		
79	30.5			11.1	51.1		





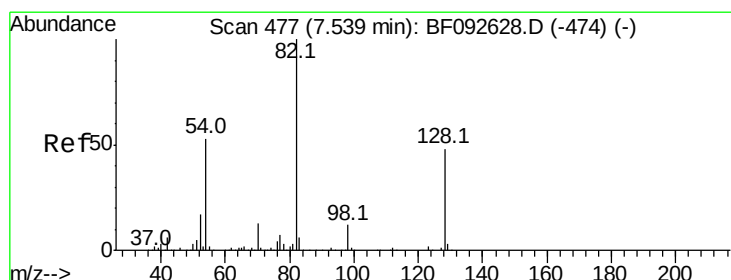
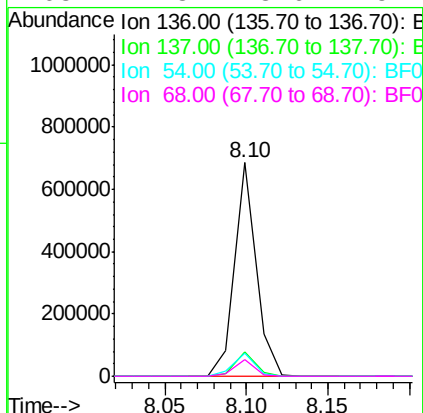
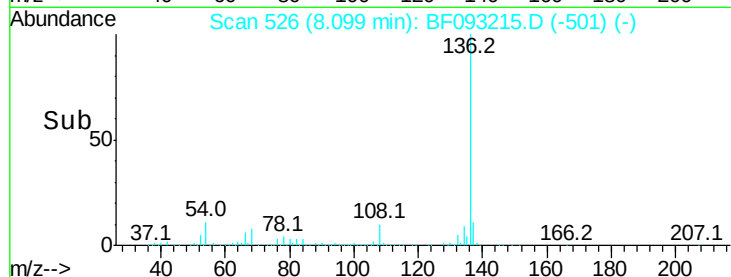
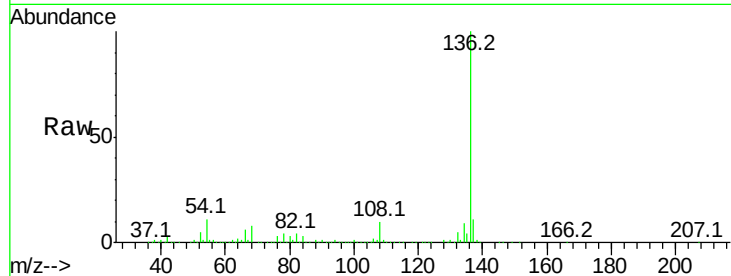
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF093215.D
Acq: 27 Feb 2017 20:12

Instrument :
BNA_F
ClientSampleId :
E2-BB6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.4	12.6	
54	10.8	4.5	6.7#	
68	7.8	3.6	5.4#	

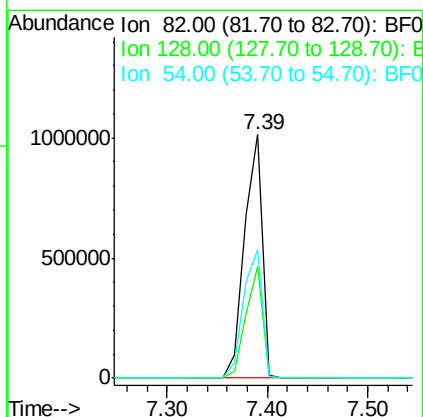
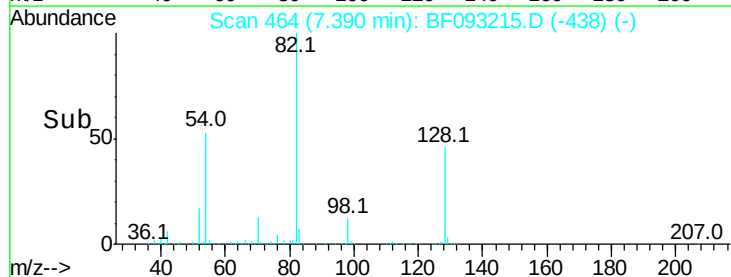
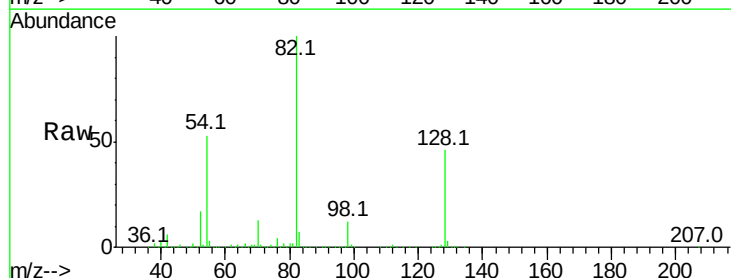
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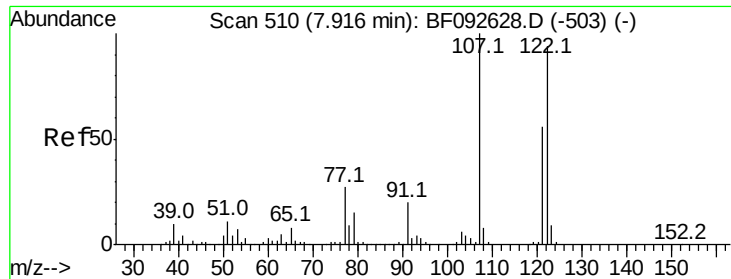
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#23
Nitrobenzene-d5
Concen: 110.80 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF093215.D
Acq: 27 Feb 2017 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	34.6	52.0	
54	52.9	39.5	59.3	





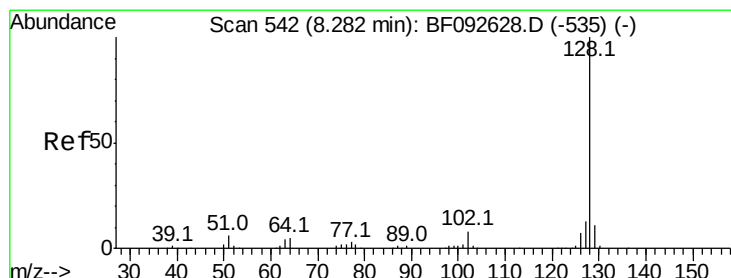
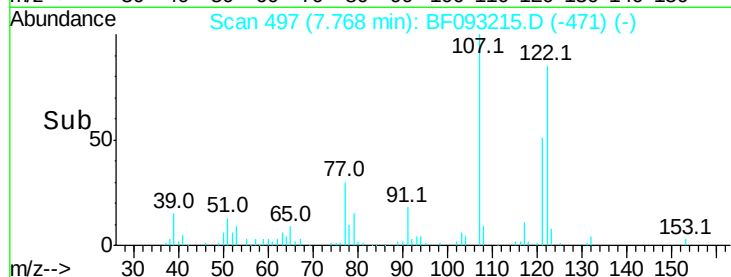
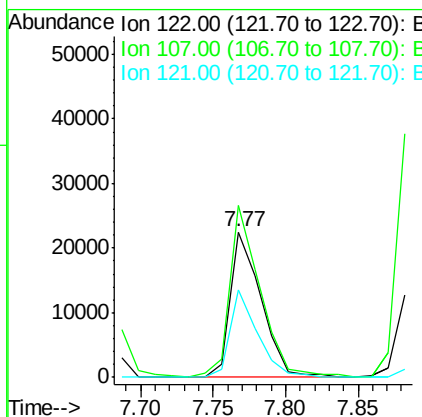
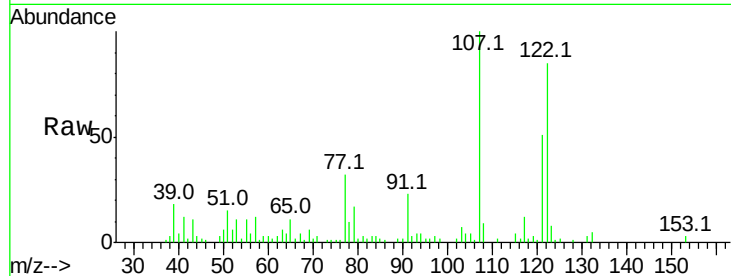
#27
2,4-Dimethylphenol
Concen: 3.45 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF093215.D
Acq: 27 Feb 2017 20:12

Instrument :
BNA_F
ClientSampleId :
E2-BB6-BASE

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	94.1	141.1
121	60.0	46.0	69.0

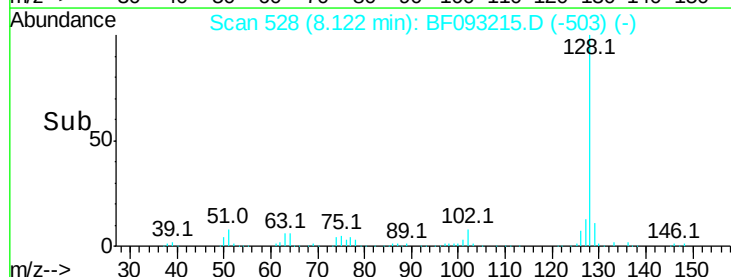
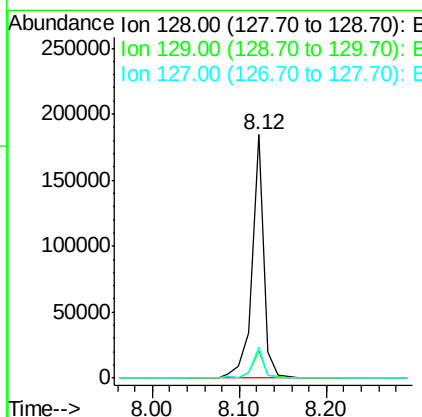
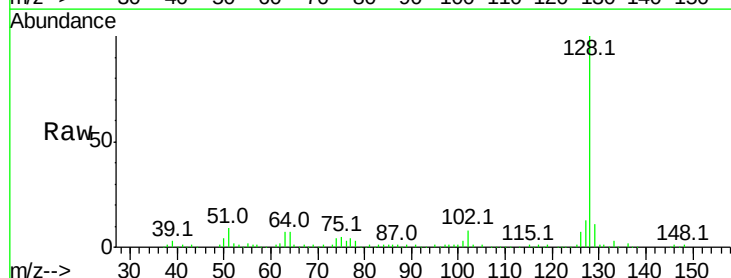
Manual Integrations
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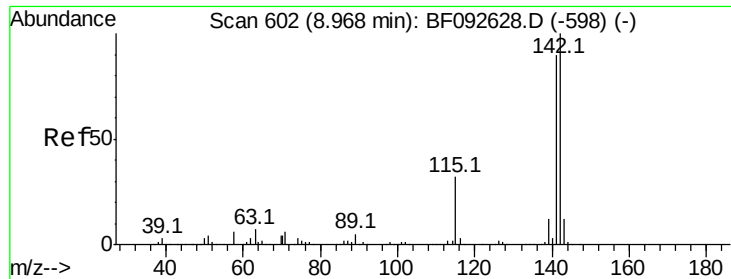
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#31
Naphthalene
Concen: 5.52 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF093215.D
Acq: 27 Feb 2017 20:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.0	10.8	16.2





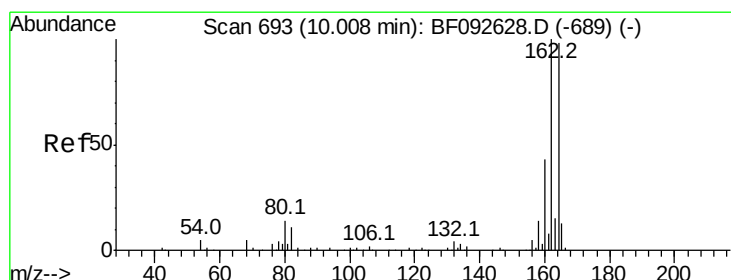
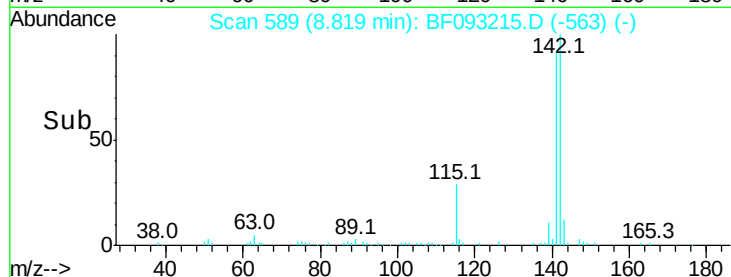
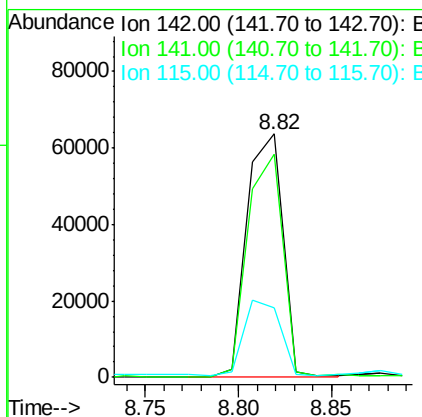
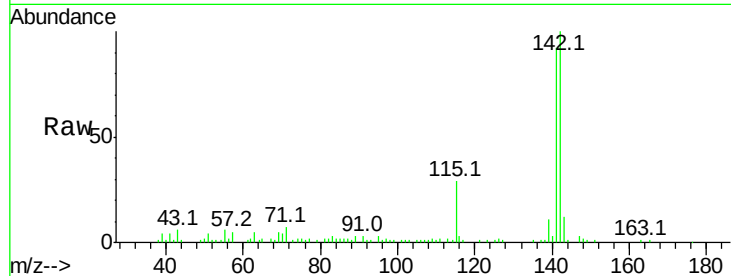
#37
2-Methylnaphthalene
Concen: 4.19 ng
RT: 8.82 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF093215.D
Acq: 27 Feb 2017 20:12

Instrument :
BNA_F
ClientSampleId :
E2-BB6-BASE

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.0	106.6
115	28.7	28.3	42.5

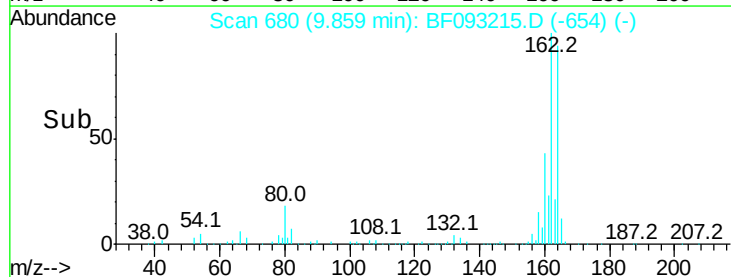
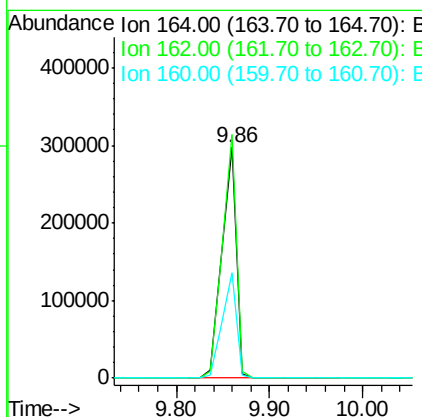
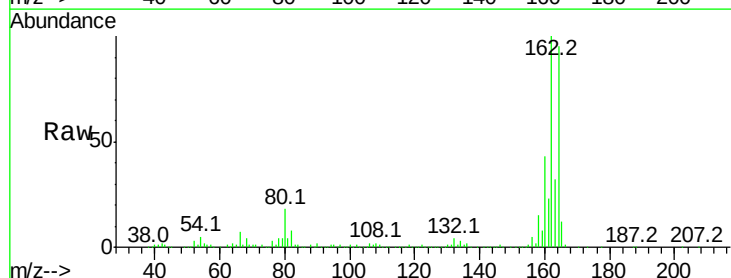
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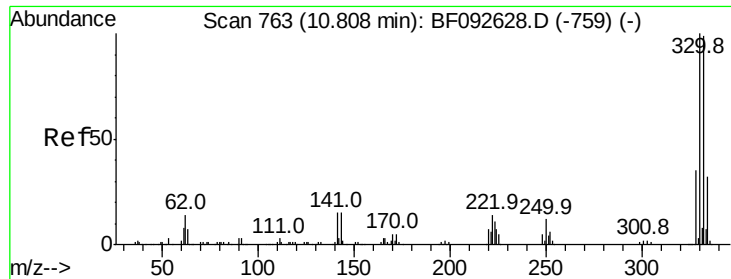
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF093215.D
Acq: 27 Feb 2017 20:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.2	120.2
160	45.7	36.9	55.3





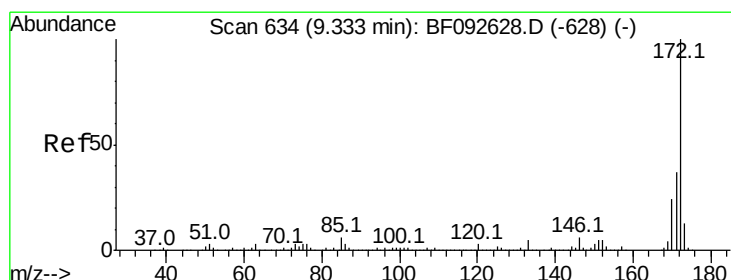
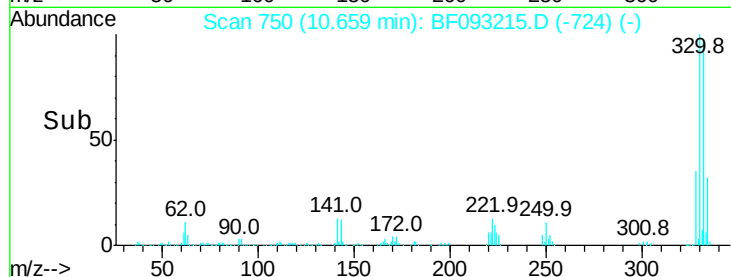
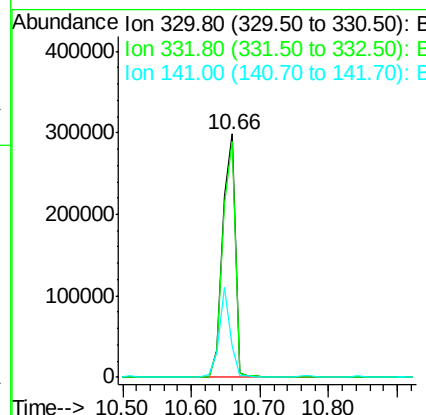
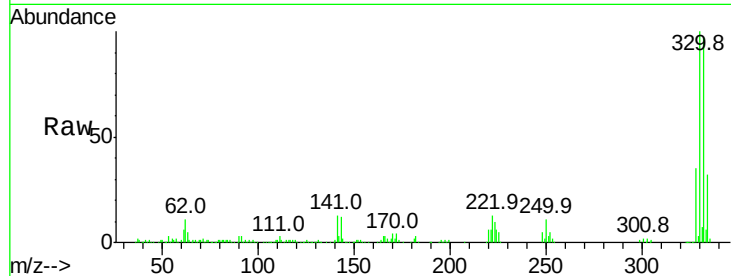
#41
 2,4,6-Tribromophenol
 Concen: 170.66 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF093215.D
 Acq: 27 Feb 2017 20:12

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	389834		
332	96.9	77.4	116.2	
141	32.5	34.1	51.1#	

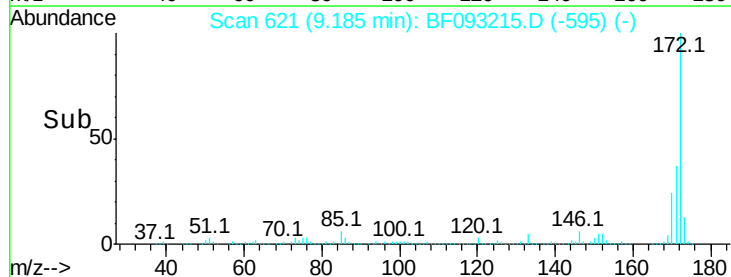
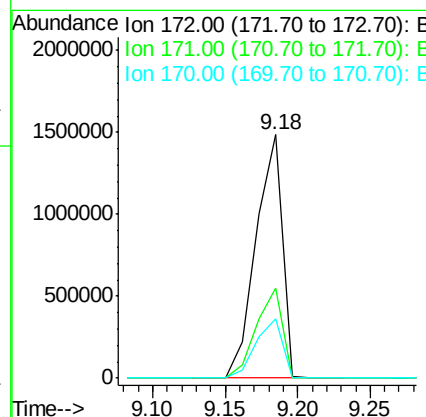
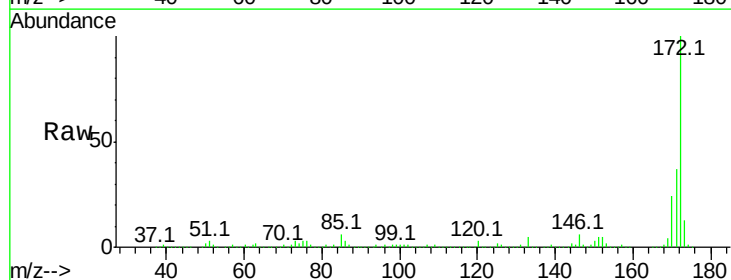
Manual Integrations
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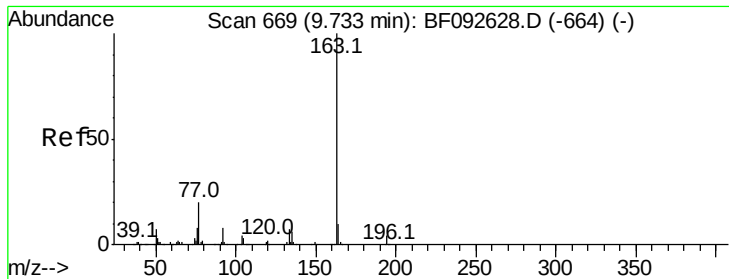
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#44
 2-Fluorobiphenyl
 Concen: 107.59 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF093215.D
 Acq: 27 Feb 2017 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1875687		
171	36.8	29.4	44.0	
170	24.4	20.2	30.4	





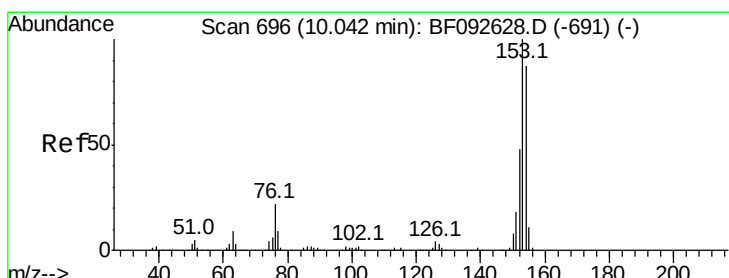
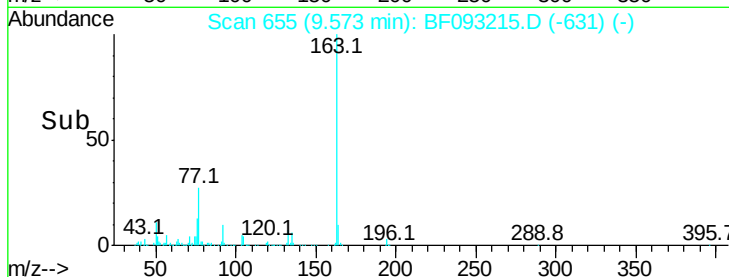
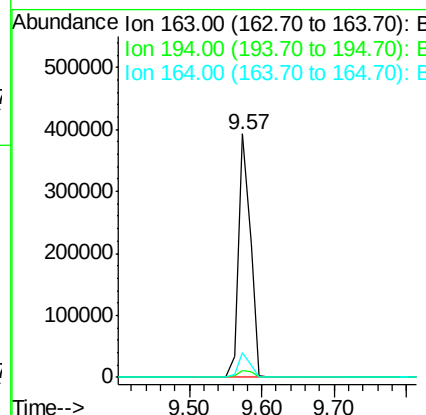
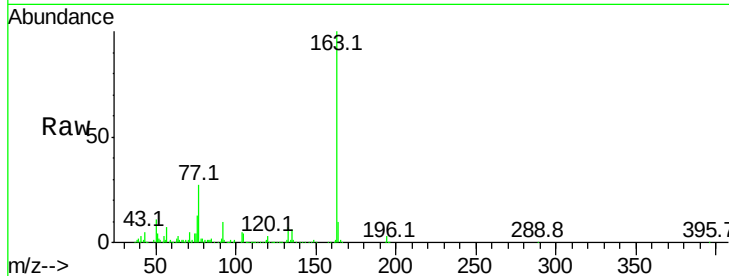
#49
Dimethylphthalate
Concen: 21.10 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF093215.D
Acq: 27 Feb 2017 20:12

Instrument :
BNA_F
ClientSampled :
E2-BB6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	3.0	4.4	
164	10.0	8.0	12.0	

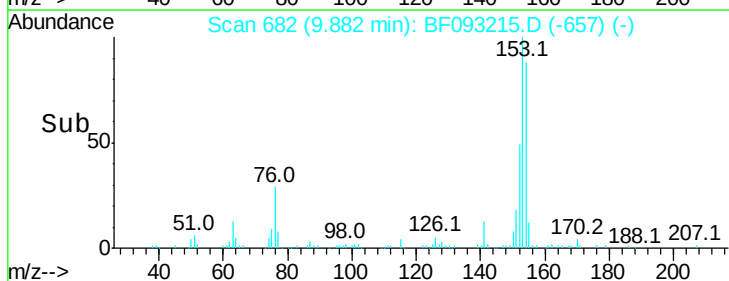
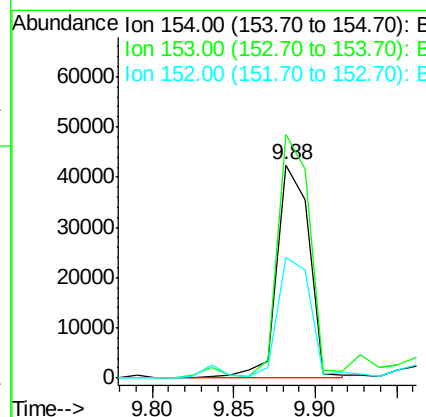
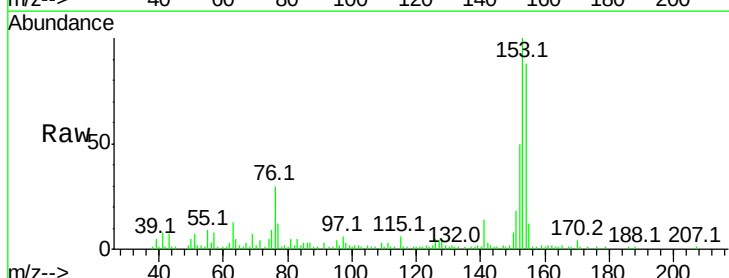
Manual Integrations
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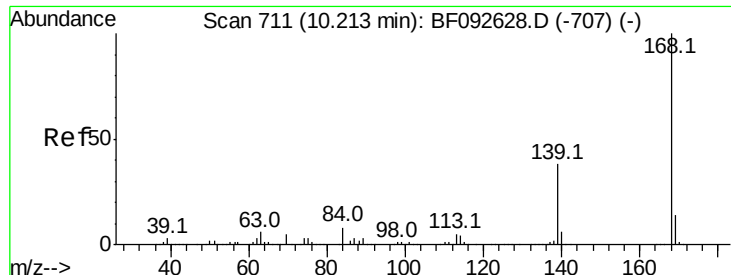
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#51
Acenaphthene
Concen: 3.17 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093215.D
Acq: 27 Feb 2017 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.3	88.6	133.0	
152	57.0	41.6	62.4	





#54

Dibenzenofuran

Concen: 2.63 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF093215.D

Acq: 27 Feb 2017 20:12

Instrument :

BNA_F

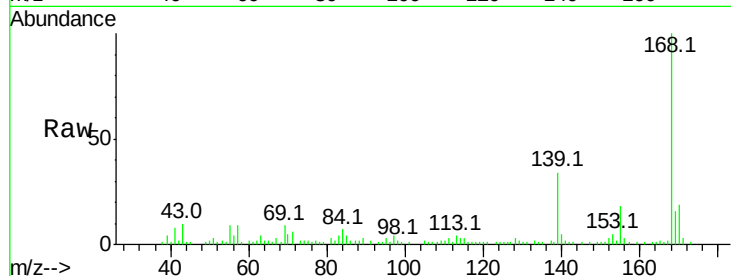
ClientSampleId :

E2-BB6-BASE

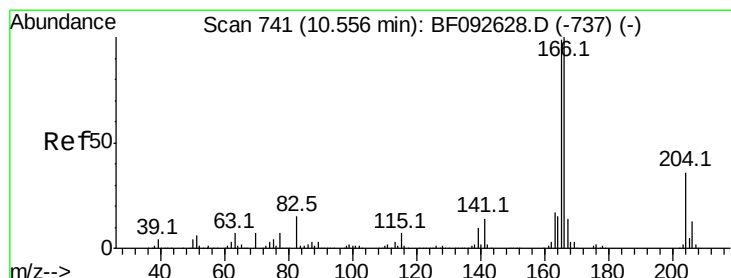
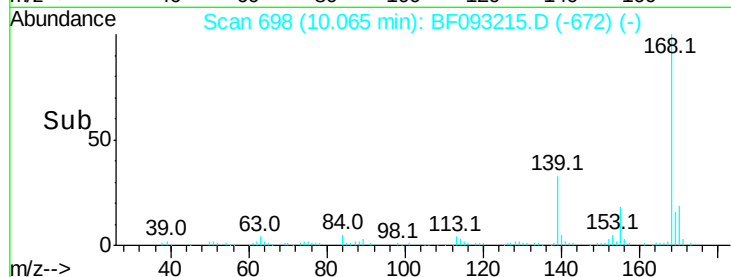
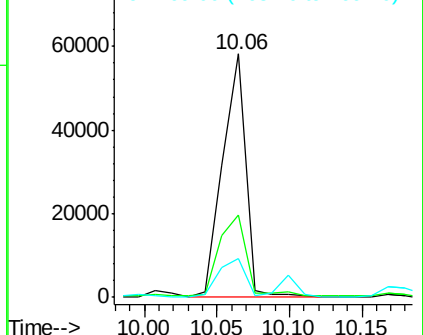
Tot Ion:	168	Resp:	64877
Ion	Ratio	Lower	Upper
168	100		
139	33.7	32.6	49.0
169	16.0	11.3	16.9

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 3.24 ng m

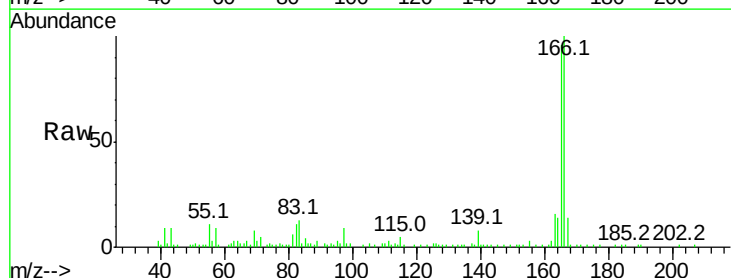
RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

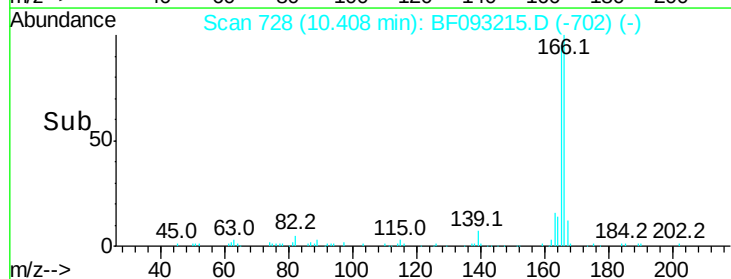
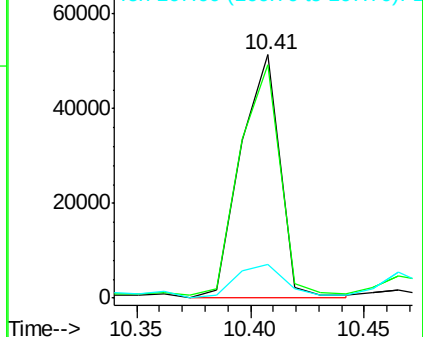
Lab File: BF093215.D

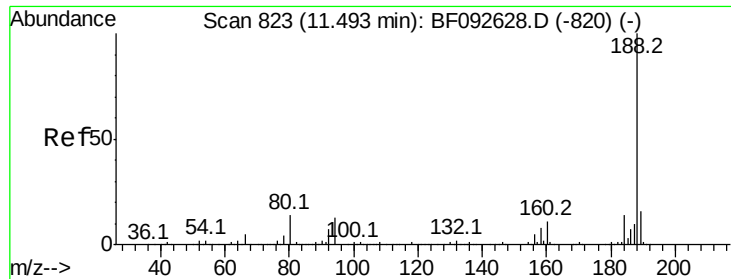
Acq: 27 Feb 2017 20:12

Tgt Ion:	166	Resp:	61657
Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.8	116.8
167	13.8	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF093215.D

Acq: 27 Feb 2017 20:12

Instrument :

BNA_F

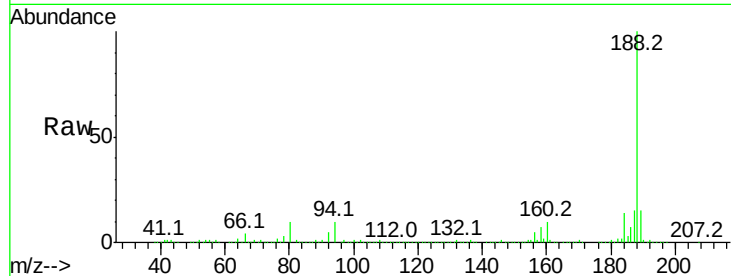
ClientSampleId :

E2-BB6-BASE

Tot Ion:	188	Resp:	588564
Ion Ratio	Lower	Upper	
188	100		
94	9.6	10.0	15.0#
80	9.6	11.2	16.8#

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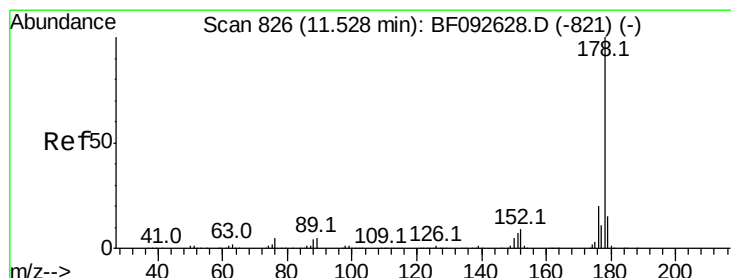
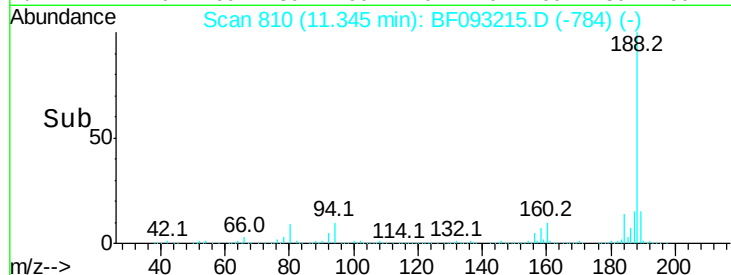
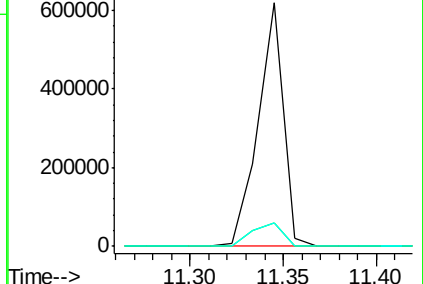
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 8.14 ng

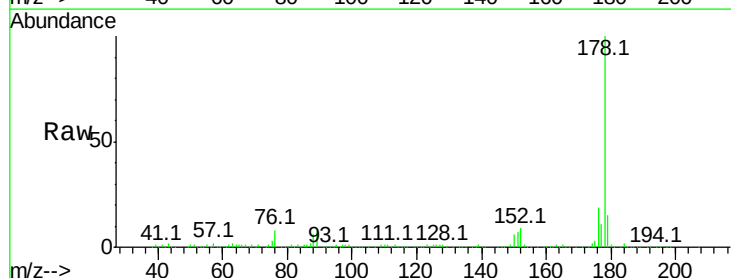
RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF093215.D

Acq: 27 Feb 2017 20:12

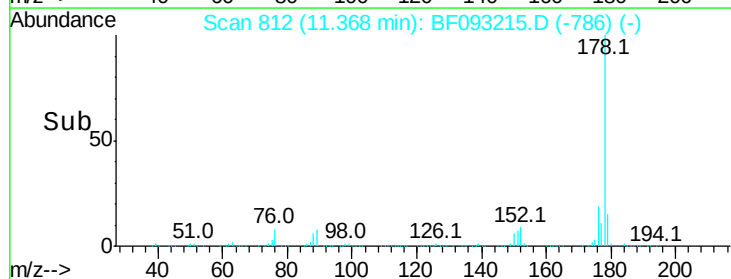
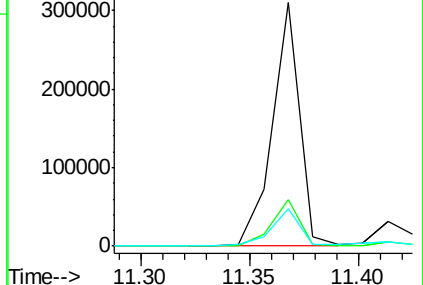
Tgt Ion:	178	Resp:	274505
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.6	25.0
179	15.4	12.8	19.2

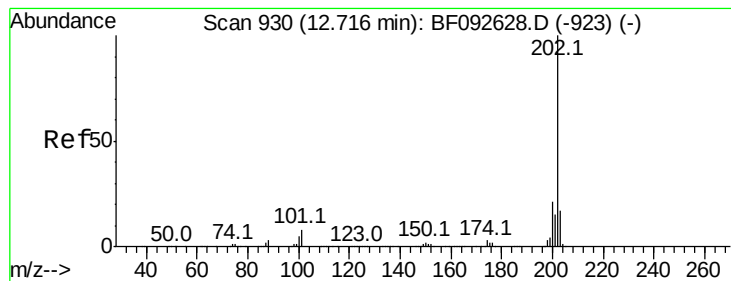


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.99 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF093215.D

Acq: 27 Feb 2017 20:12

Instrument :

BNA_F

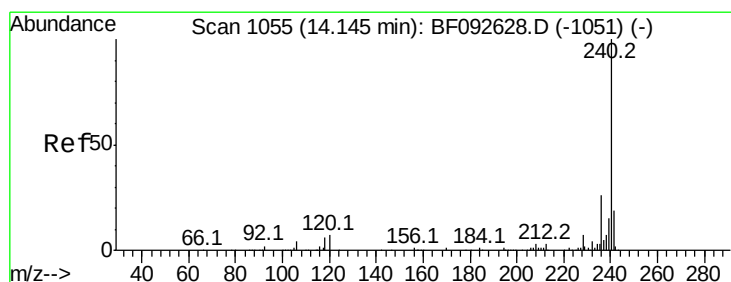
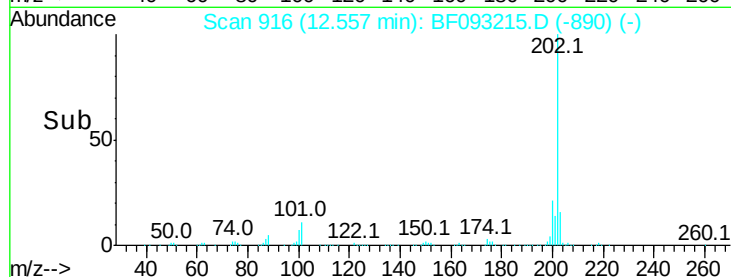
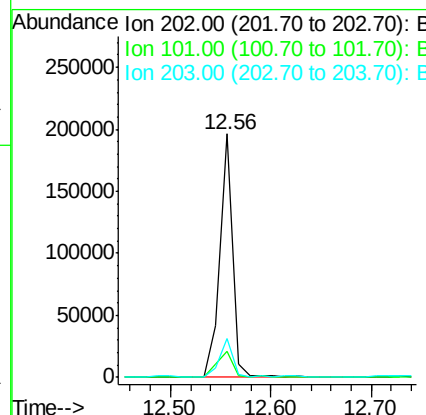
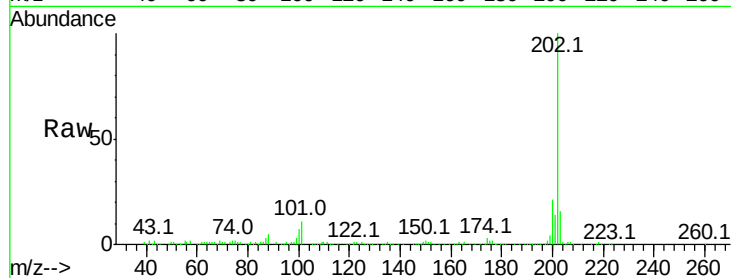
ClientSampled :

E2-BB6-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	34.6
203	16.1	0.0	38.7

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#75

Chrysene-d12

Concen: 20.00 ng

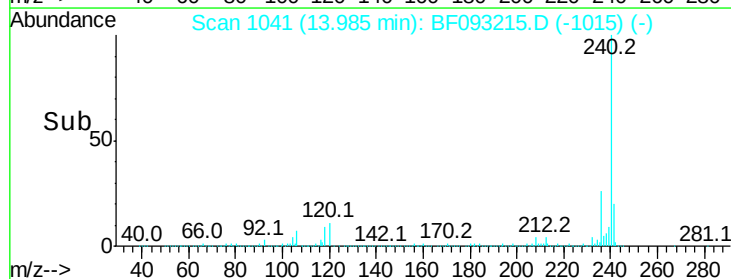
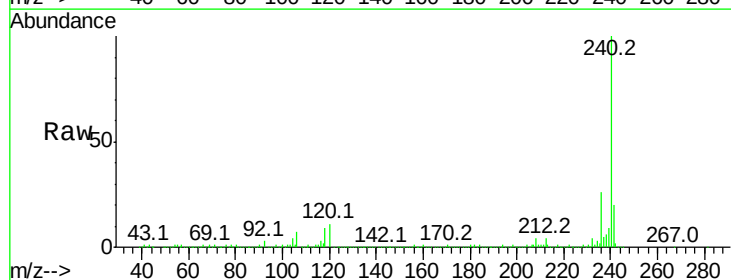
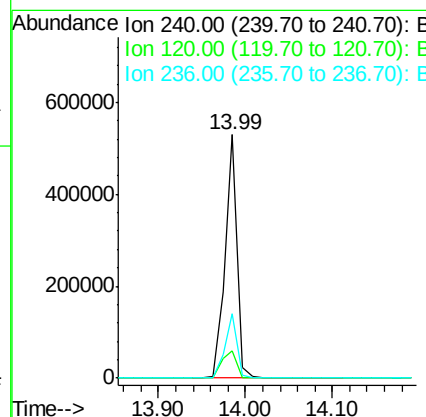
RT: 13.99 min Scan# 1041

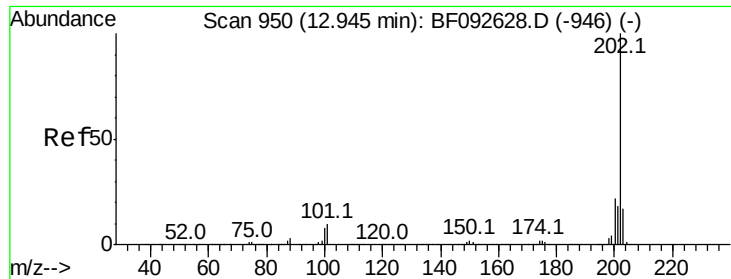
Delta R.T. 0.00 min

Lab File: BF093215.D

Acq: 27 Feb 2017 20:12

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	12.9	19.3#
236	26.4	20.9	31.3





#77

Pvrene

Concen: 3.67 ng

RT: 12.79 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF093215.D

Acq: 27 Feb 2017 20:12

Instrument :

BNA_F

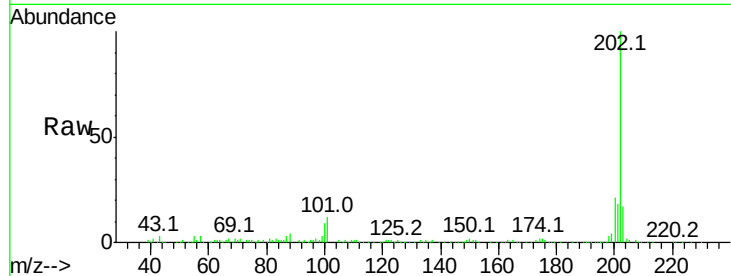
ClientSampleId :

E2-BB6-BASE

Tot Ion:	202	Resp:	142044
Ion Ratio		Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.4	14.7	22.1

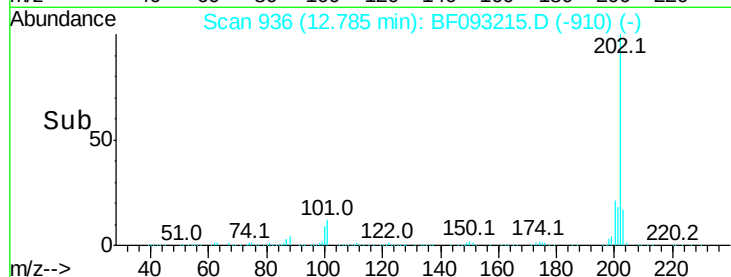
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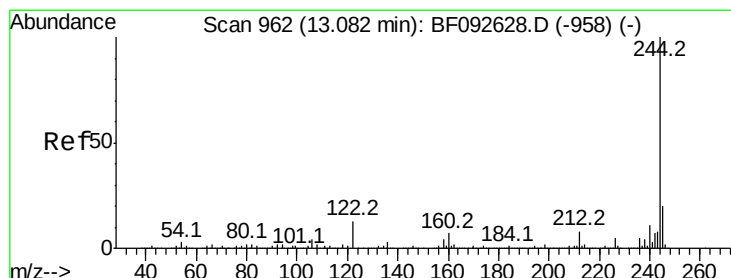


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.79



Time-->



#78

Terphenyl-d14

Concen: 67.11 ng

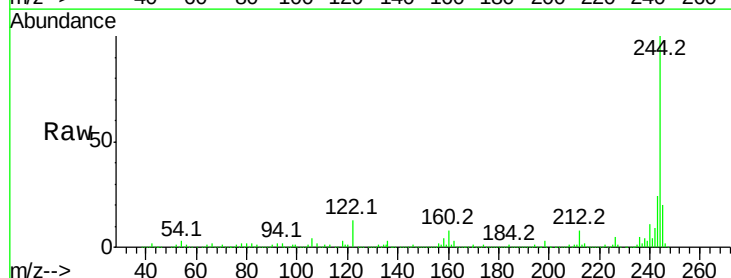
RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF093215.D

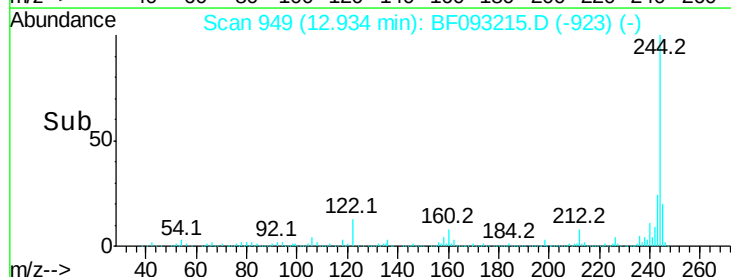
Acq: 27 Feb 2017 20:12

Tgt Ion:	244	Resp:	1475364
Ion Ratio		Lower	Upper
244	100		
212	7.5	6.2	9.2
122	12.6	11.4	17.2

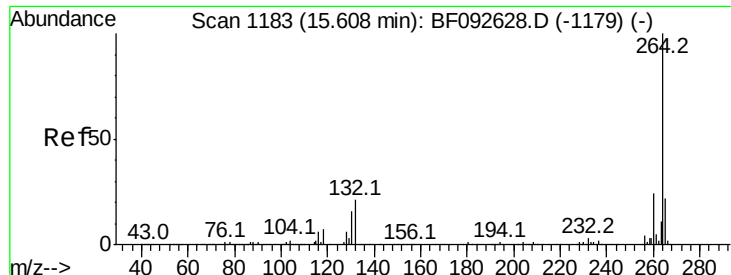


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

12.93



Time-->



#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF093215.D
Acq: 27 Feb 2017 20:12

Instrument :
BNA_F
ClientSampleId :
E2-BB6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.5	19.2	28.8	
265	22.0	17.4	26.0	

Manual Integrations
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