

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093217.D
 Acq On : 27 Feb 2017 21:07
 Operator : SJ/MA
 Sample : I1996-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA6-SWN

Manual Integrations
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Quant Time: Feb 28 01:04:20 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	156302	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	580140	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	283745	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	456478	20.00	ng	0.00
75) Chrysene-d12	14.00	240	337065	20.00	ng	0.01
86) Perylene-d12	15.41	264	296276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	955782	104.91	ng	0.01
7) Phenol-d6	6.48	99	1237036	105.53	ng	0.00
23) Nitrobenzene-d5	7.39	82	779412	74.82	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	227383	110.80	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1146593	73.21	ng	0.00
78) Terphenyl-d14	12.93	244	698949	48.72	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.37	77	25346	3.02	ng	88
37) 2-Methylnaphthalene	8.82	142	64079	3.39	ng	98
49) Dimethylphthalate	9.58	163	413391	21.63	ng	99
51) Acenaphthene	9.89	154	179336	10.80	ng	97
54) Dibenzofuran	10.06	168	268501	12.09	ng	94
57) Fluorene	10.41	166	134386m	7.87	ng	
70) Phenanthrene	11.37	178	161874	6.19	ng	98
74) Fluoranthene	12.57	202	64609	2.40	ng	97

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

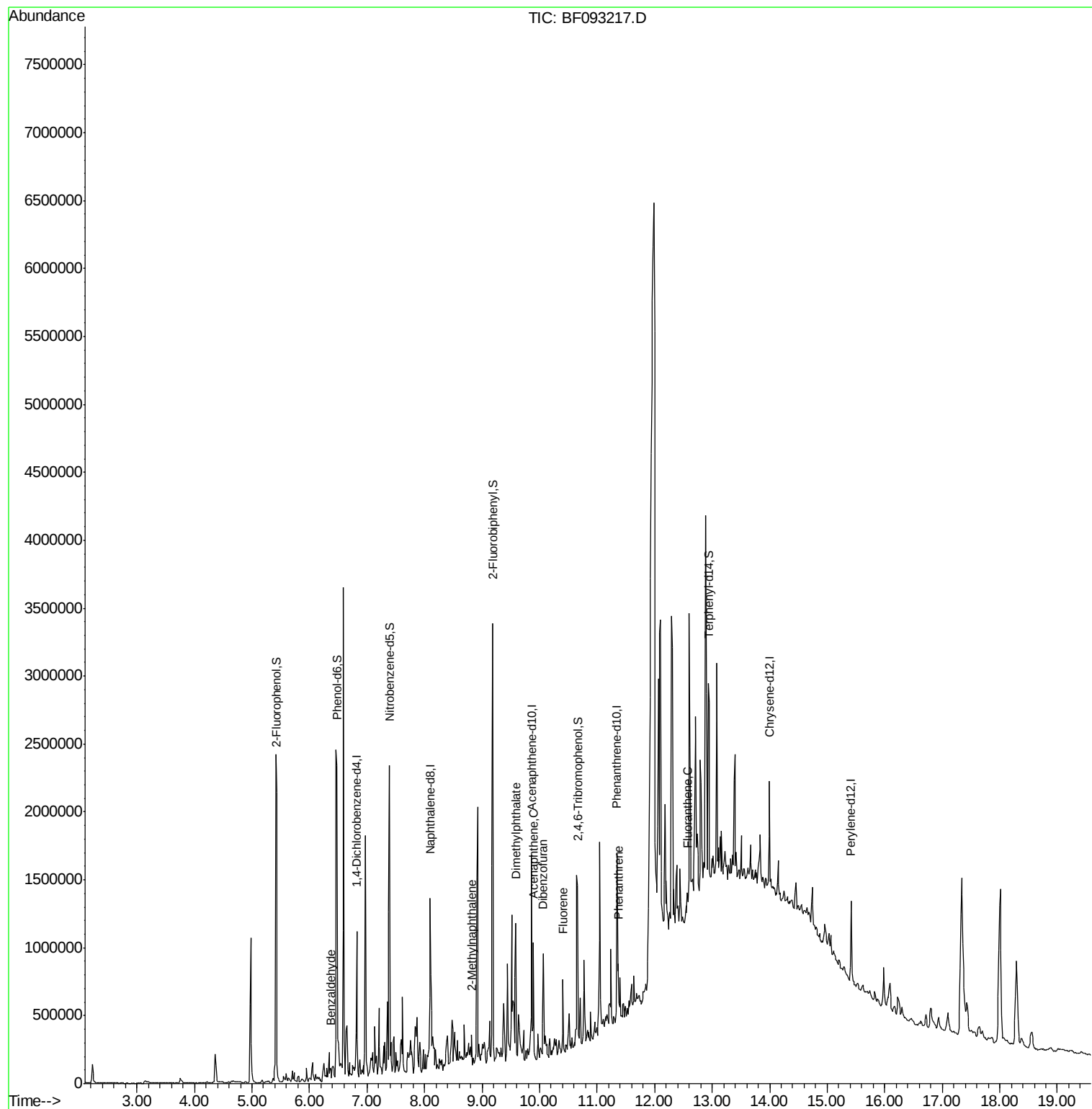
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093217.D
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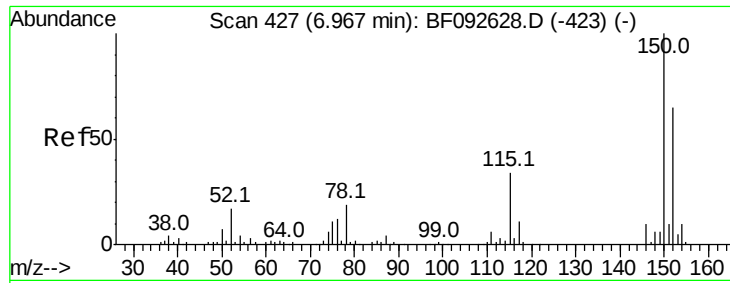
Instrument :
BNA_F
ClientSampleId :
E2-AA6-SWN

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Quant Time: Feb 28 01:04:20 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

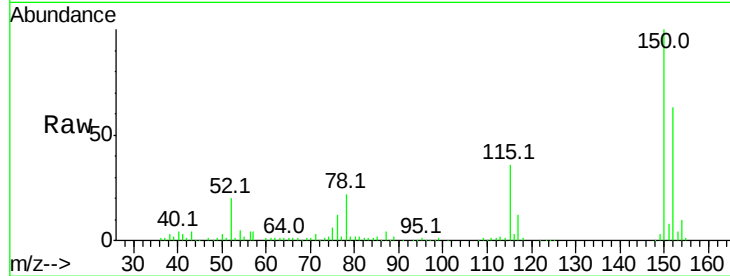
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF093217.D
Acq: 27 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
E2-AA6-SWN

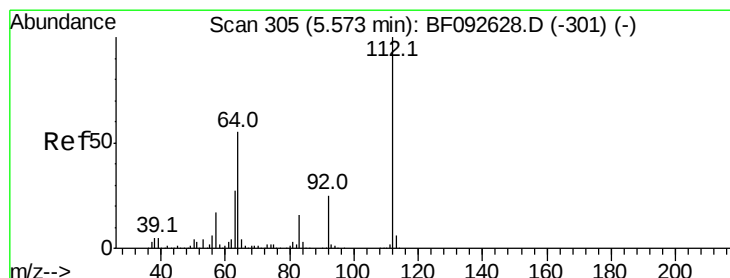
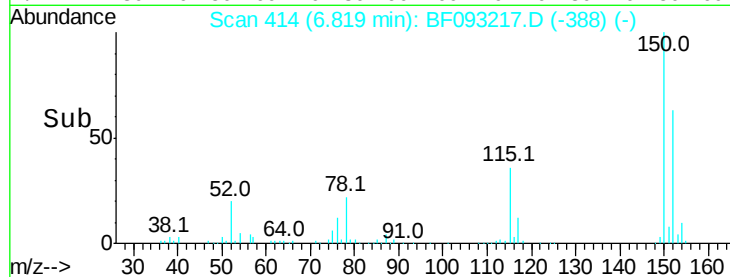
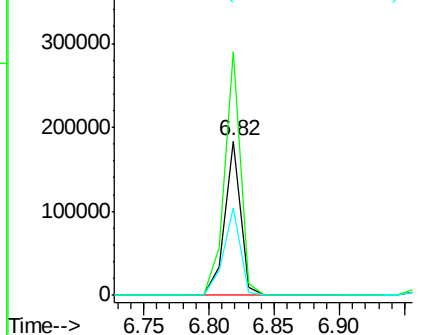
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.9	187.3
115	56.8	46.0	69.0

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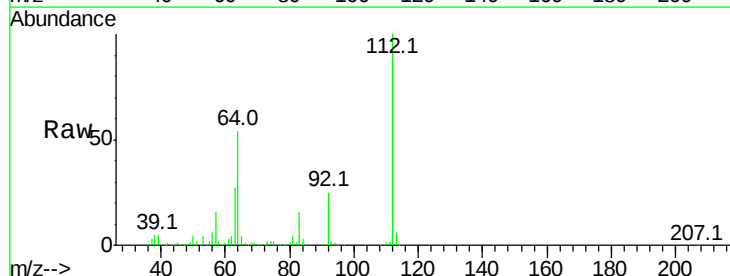
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



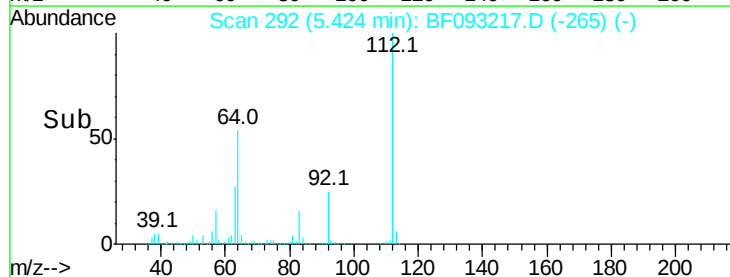
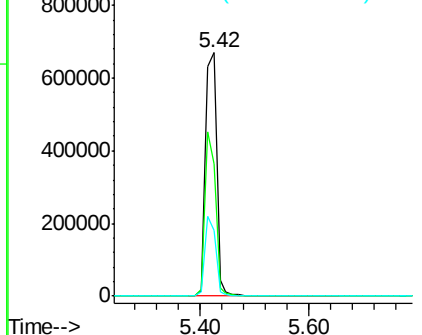
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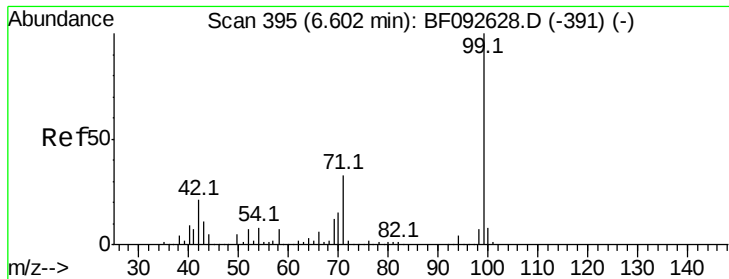
2-Fluorophenol
Concen: 104.91 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF093217.D
Acq: 27 Feb 2017 21:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.1	69.1
63	26.9	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: 105.53 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF093217.D

Acq: 27 Feb 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AA6-SWN

Tot Ion: 99 Resp: 1237036

Ion Ratio Lower Upper

99 100

42 16.0 15.6 23.4

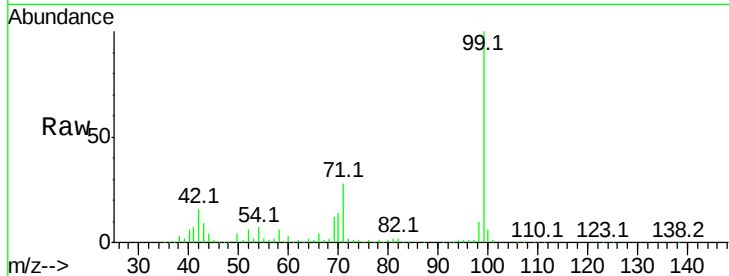
71 28.0 27.5 41.3

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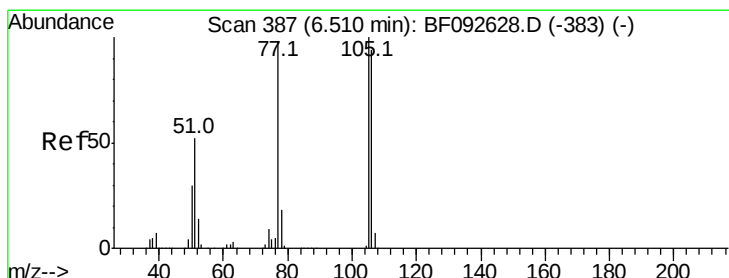
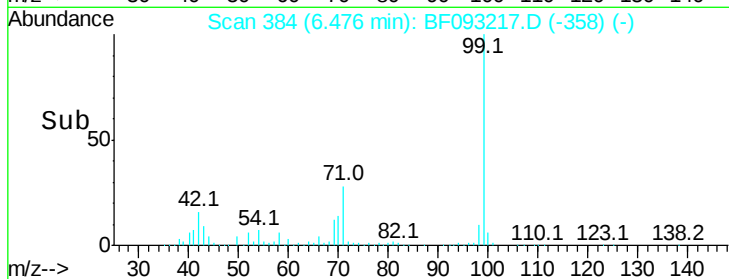
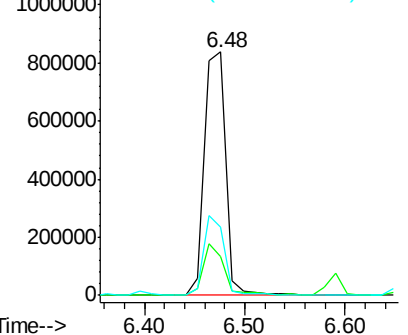
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.02 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF093217.D

Acq: 27 Feb 2017 21:07

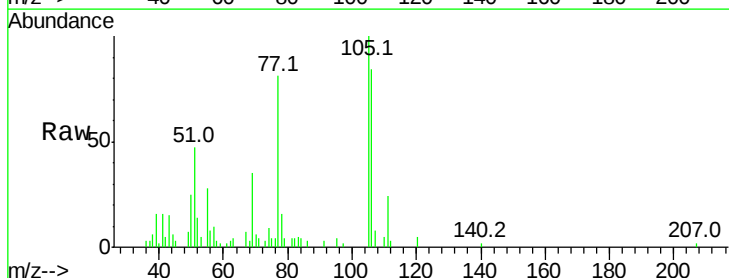
Tgt Ion: 77 Resp: 25346

Ion Ratio Lower Upper

77 100

105 123.2 83.9 123.9

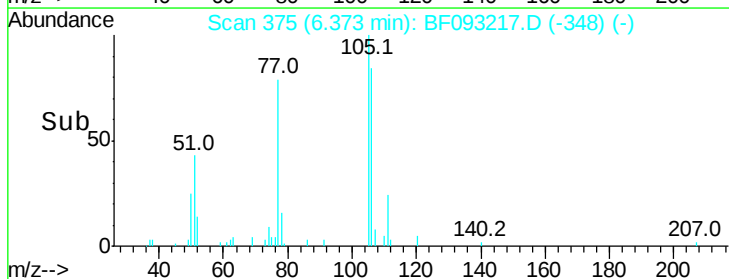
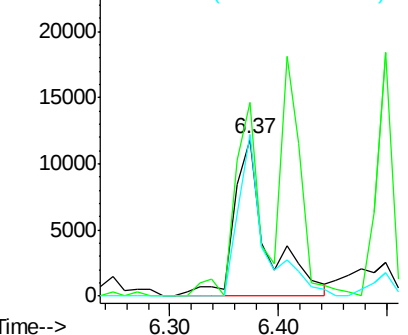
106 103.0 77.6 117.6

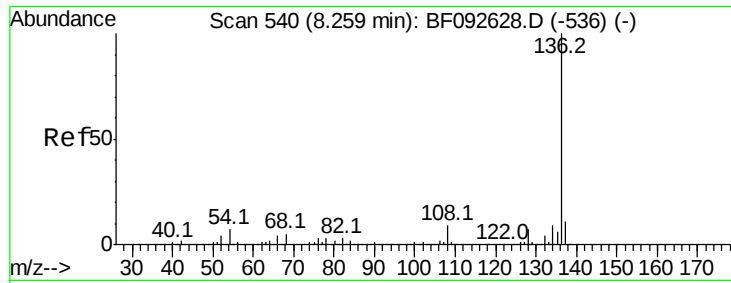


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF093217.D

Acq: 27 Feb 2017 21:07

Instrument :

BNA_F

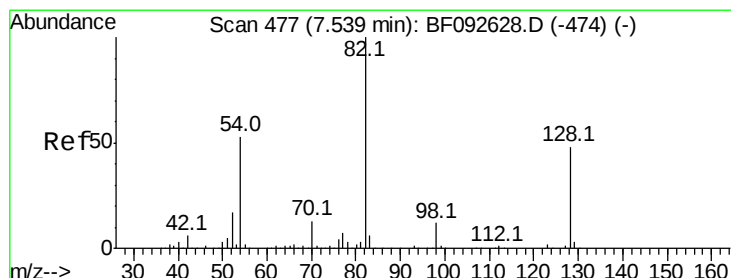
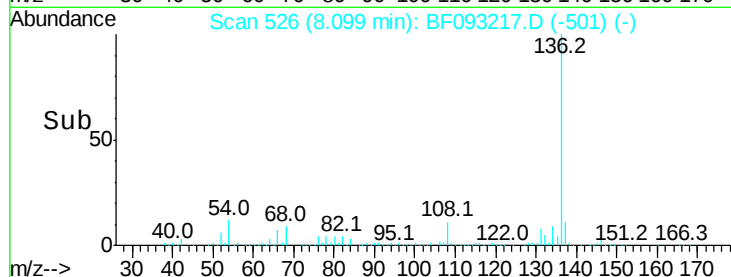
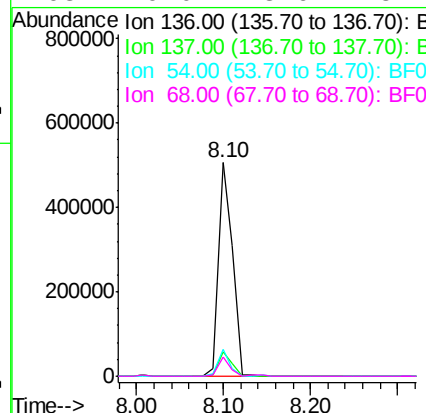
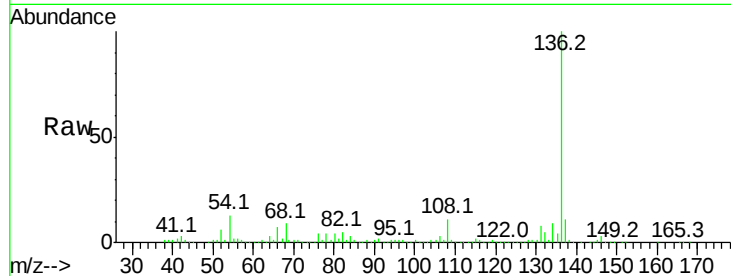
ClientSampleId :

E2-AA6-SWN

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.4	12.6	
54	12.6	4.5	6.7#	
68	9.0	3.6	5.4#	

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#23

Nitrobenzene-d5

Concen: 74.82 ng

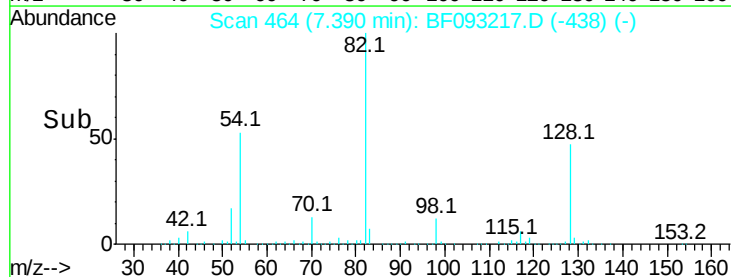
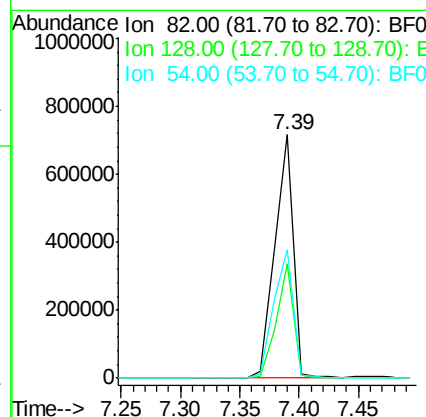
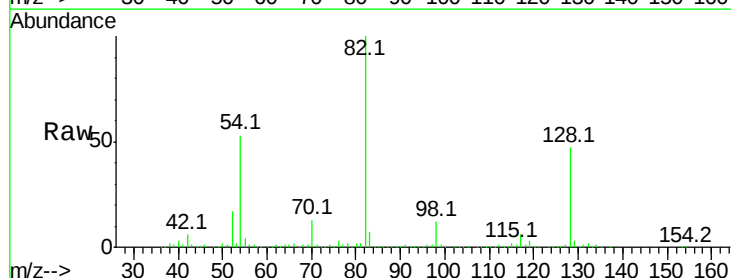
RT: 7.39 min Scan# 464

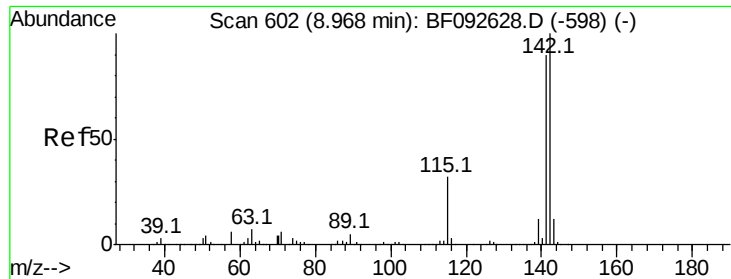
Delta R.T. 0.00 min

Lab File: BF093217.D

Acq: 27 Feb 2017 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	34.6	52.0	
54	53.0	39.5	59.3	





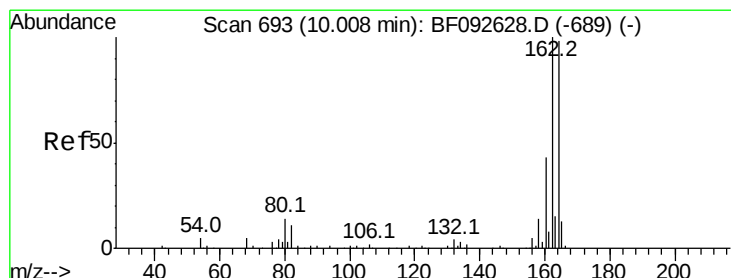
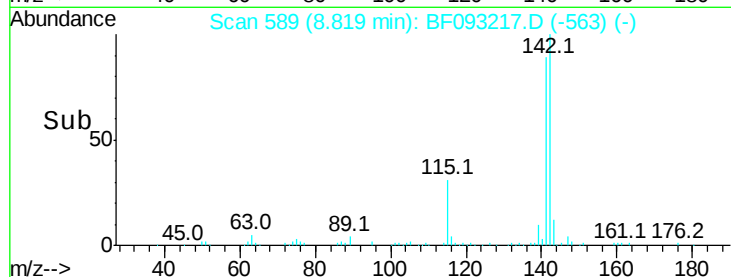
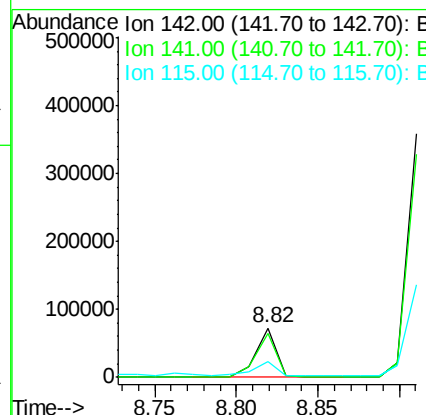
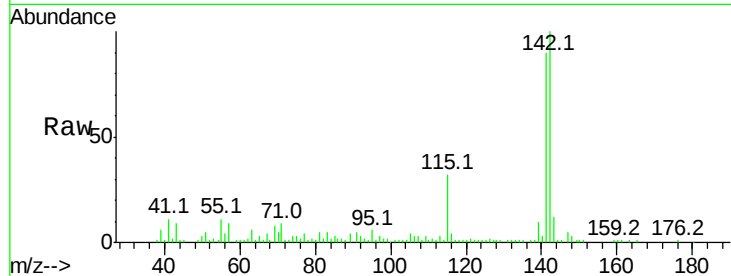
#37
2-Methylnaphthalene
Concen: 3.39 ng
RT: 8.82 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF093217.D
Acq: 27 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
E2-AA6-SWN

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	32.0	28.3	42.5

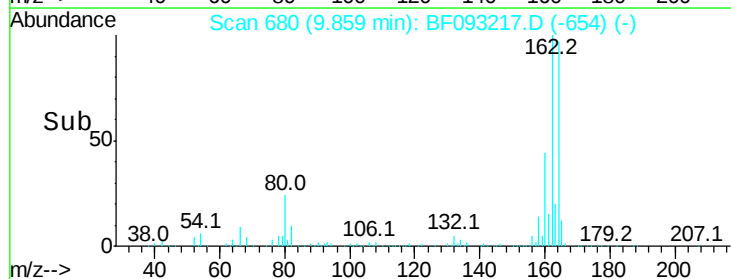
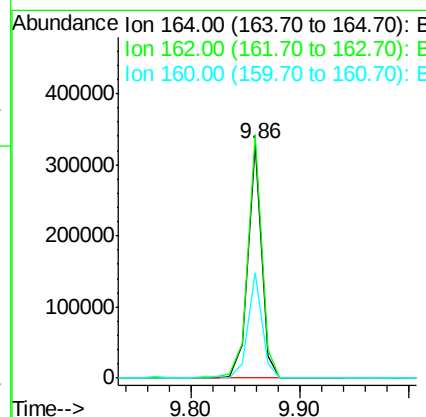
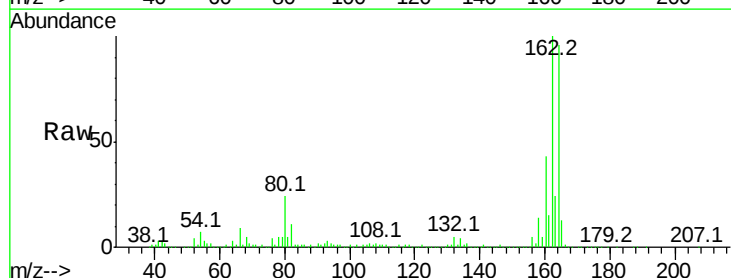
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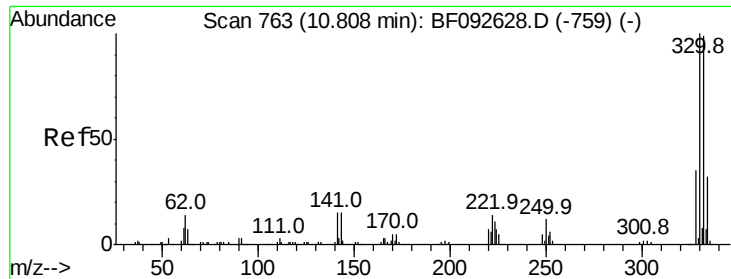
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF093217.D
Acq: 27 Feb 2017 21:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.2	120.2
160	45.0	36.9	55.3





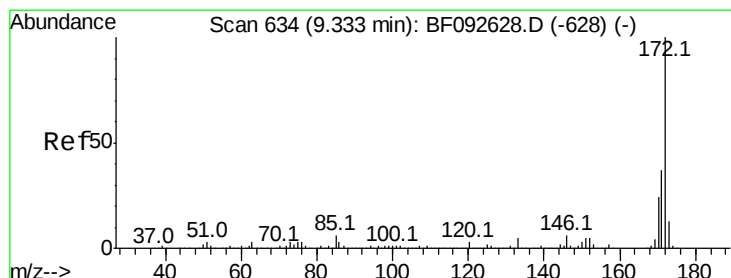
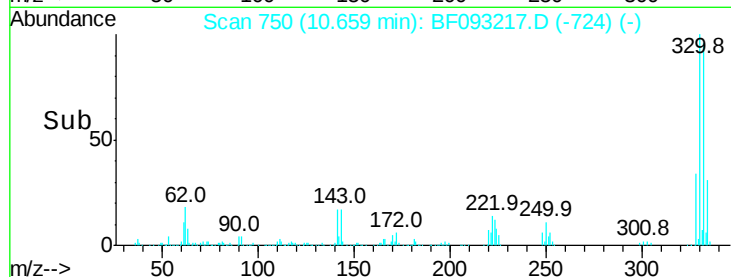
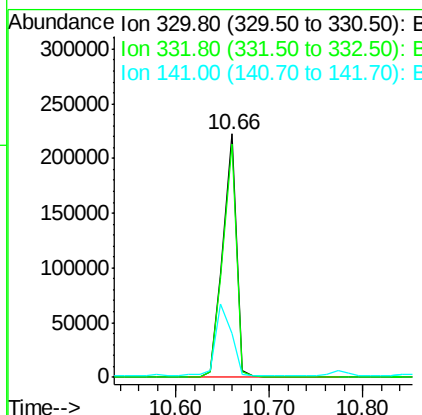
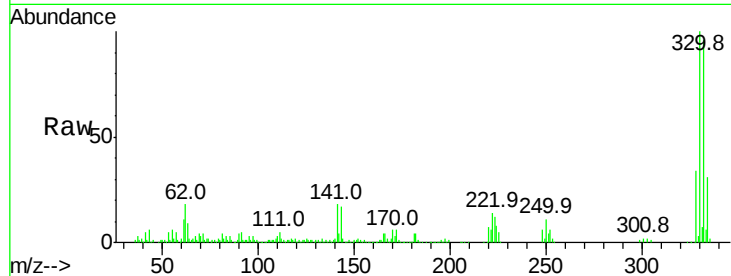
#41
 2,4,6-Tribromophenol
 Concen: 110.80 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF093217.D
 Acq: 27 Feb 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA6-SWN

Tot Ion	Ratio	Resp	Lower	Upper
330	100	227383		
332	95.8	77.4	116.2	
141	35.2	34.1	51.1	

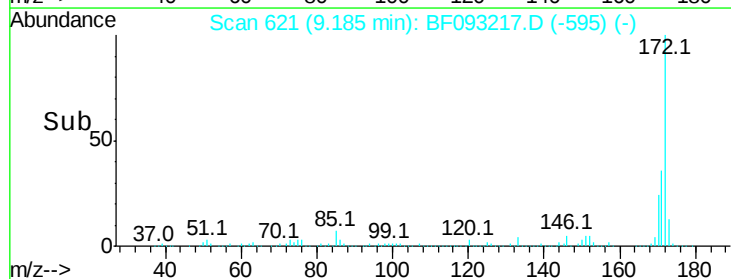
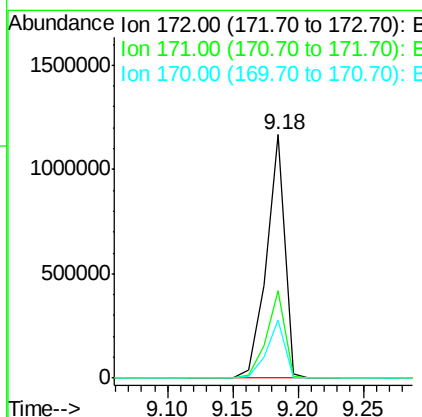
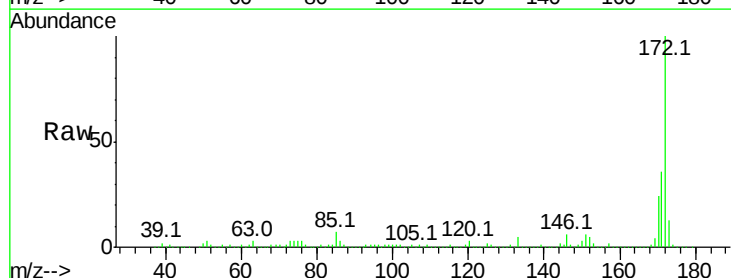
Manual Integrations
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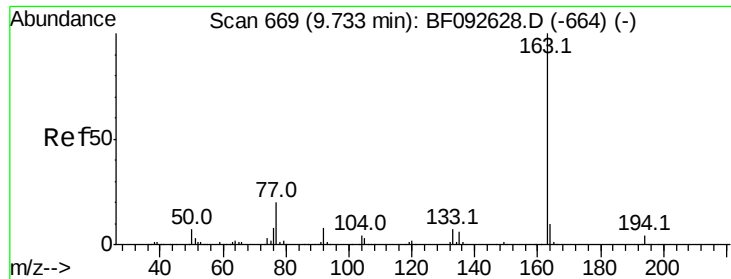
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#44
 2-Fluorobiphenyl
 Concen: 73.21 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF093217.D
 Acq: 27 Feb 2017 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1146593		
171	35.9	29.4	44.0	
170	24.0	20.2	30.4	





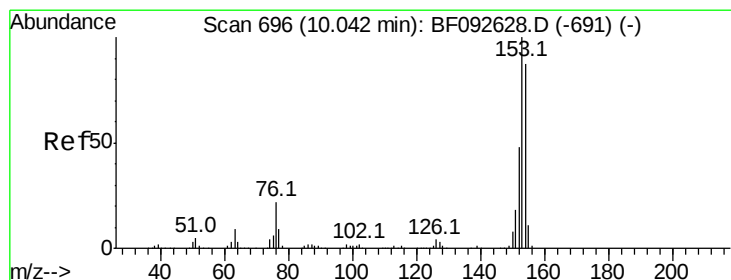
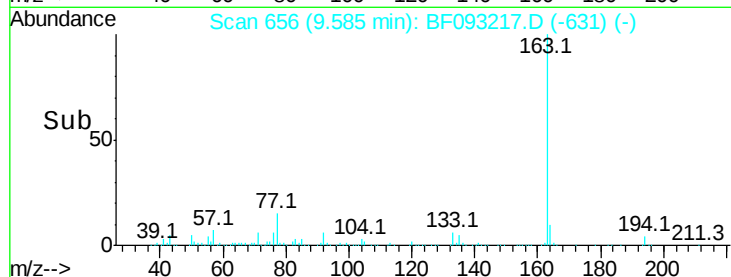
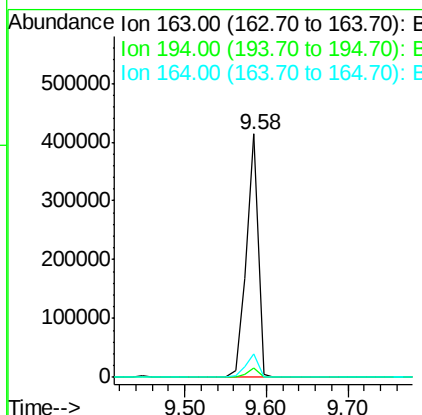
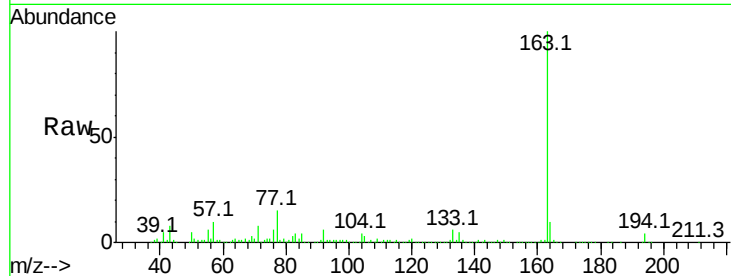
#49
Dimethylphthalate
Concen: 21.63 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF093217.D
Acq: 27 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
E2-AA6-SWN

Tot Ion	Ratio	Resp	Lower	Upper
163	100	413391		
194	3.8		3.0	4.4
164	9.7		8.0	12.0

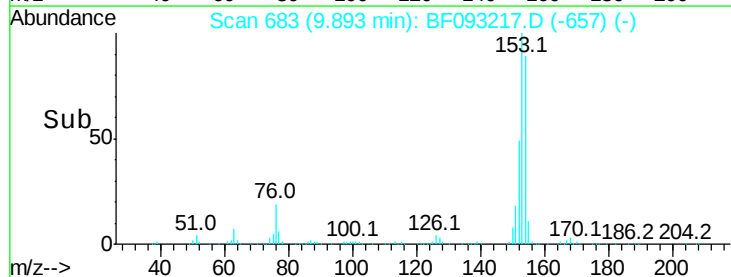
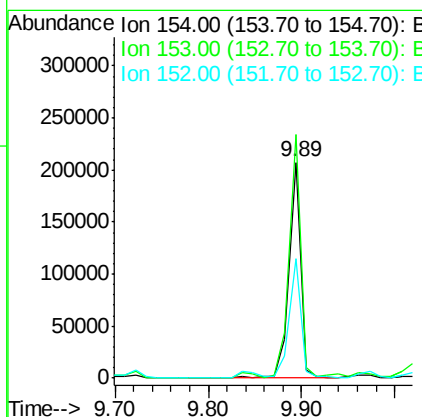
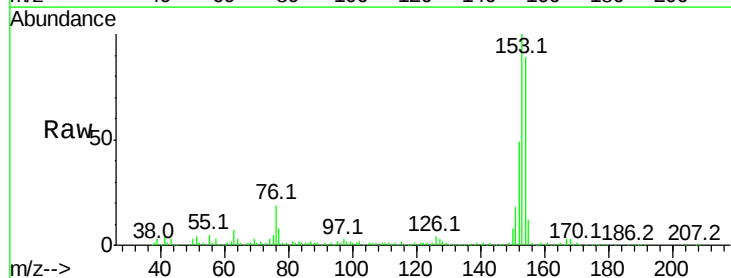
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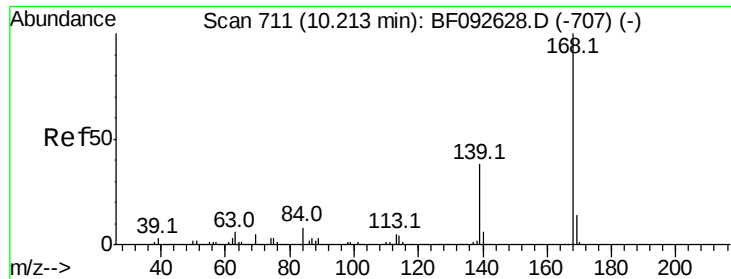
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#51
Acenaphthene
Concen: 10.80 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF093217.D
Acq: 27 Feb 2017 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	179336		
153	112.8		88.6	133.0
152	55.5		41.6	62.4





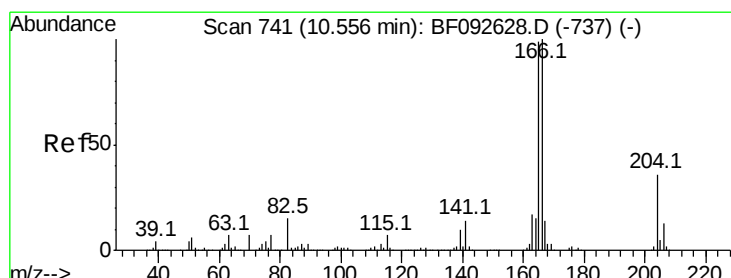
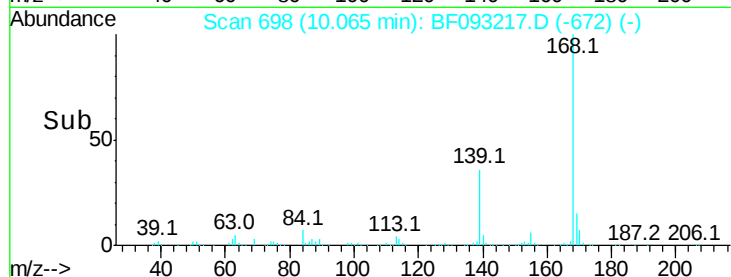
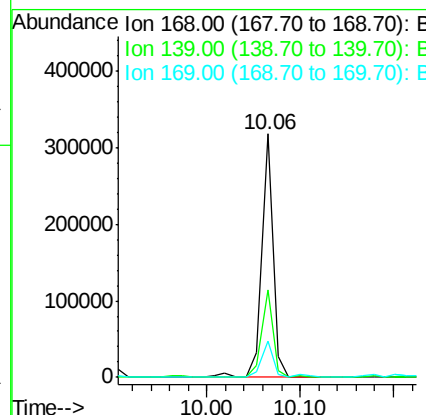
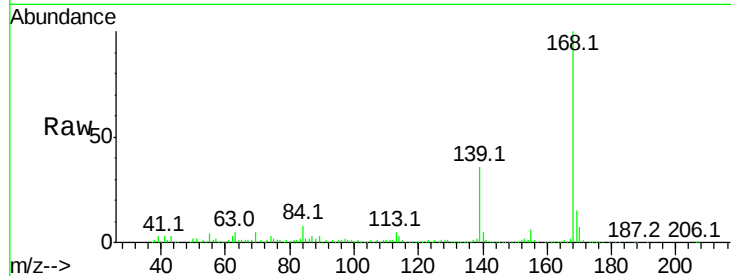
#54
Dibenzenofuran
Concen: 12.09 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF093217.D
Acq: 27 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
E2-AA6-SWN

Tot Ion	Ratio	Resp	Lower	Upper
168	100	268501		
139	36.0		32.6	49.0
169	15.0		11.3	16.9

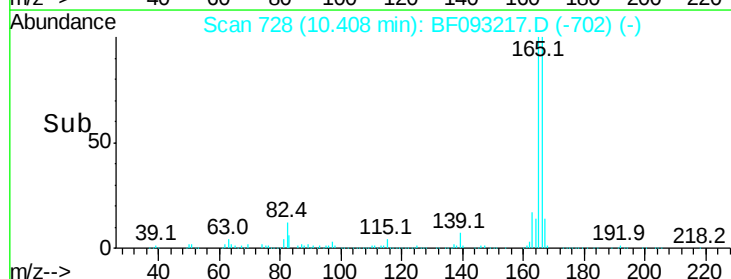
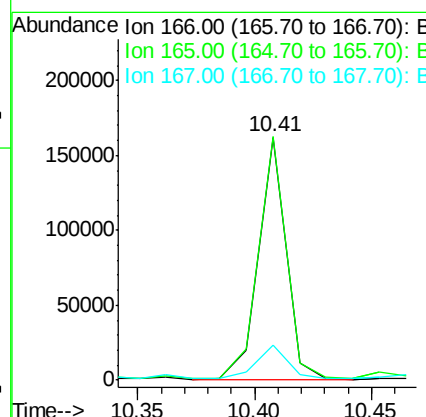
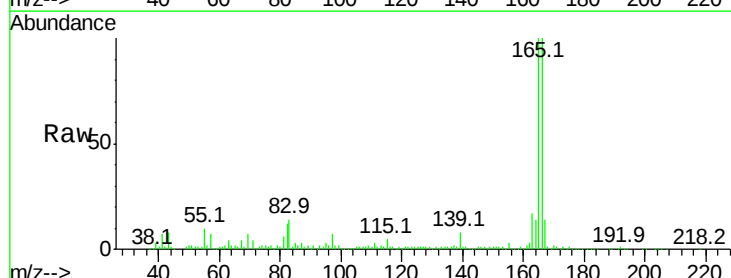
Manual Integrations
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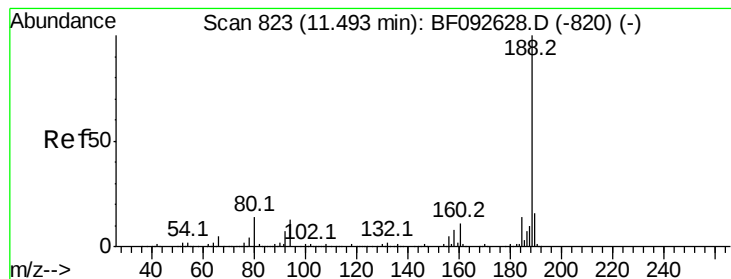
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#57
Fluorene
Concen: 7.87 ng m
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF093217.D
Acq: 27 Feb 2017 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	134386		
165	100.4		77.8	116.8
167	14.3		10.8	16.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF093217.D

Acq: 27 Feb 2017 21:07

Instrument :

BNA_F

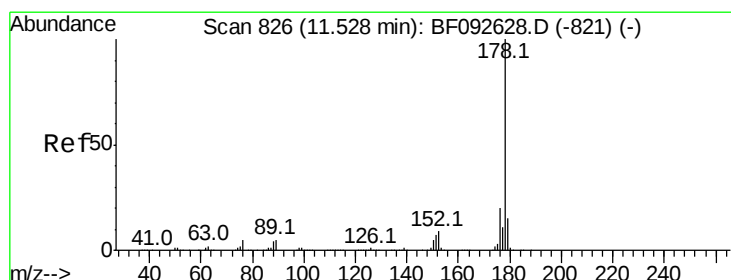
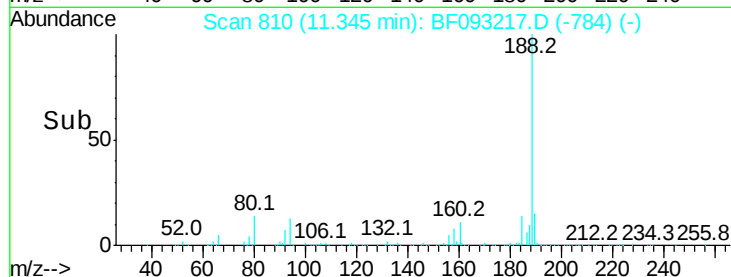
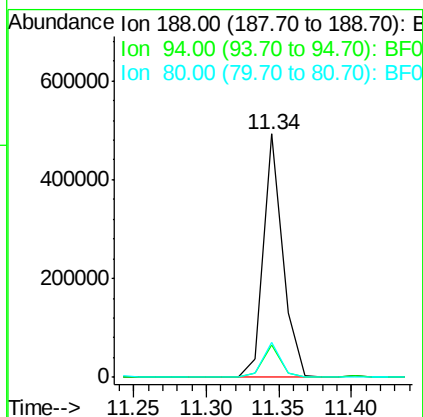
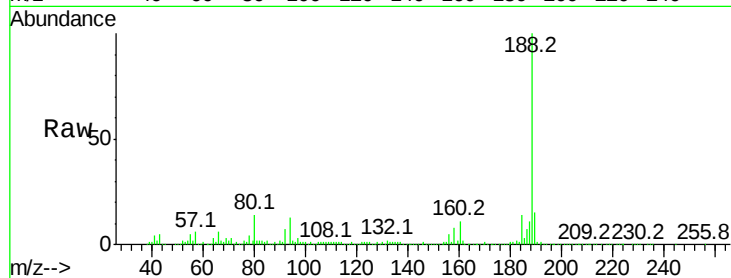
ClientSampleId :

E2-AA6-SWN

Tot Ion:	188	Resp:	456478
Ion Ratio	Lower	Upper	
188	100		
94	13.2	10.0	15.0
80	14.2	11.2	16.8

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#70

Phenanthrene

Concen: 6.19 ng

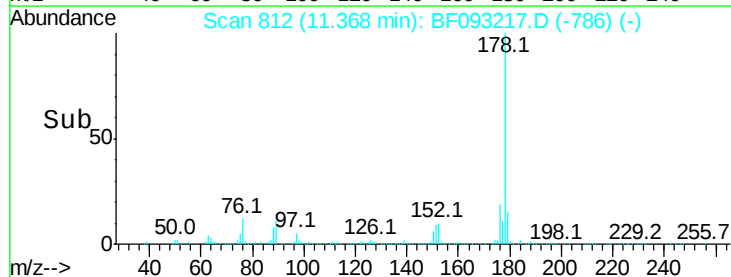
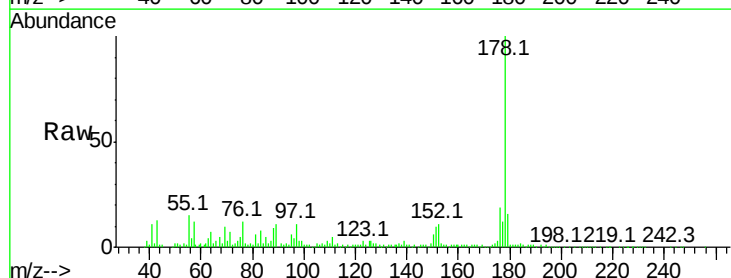
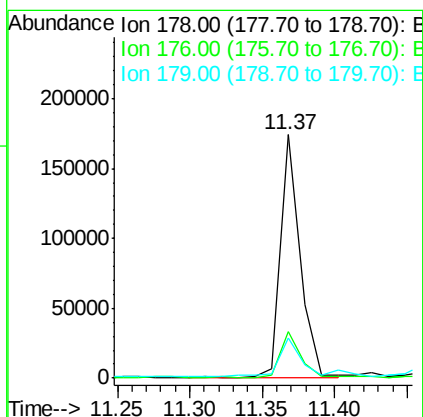
RT: 11.37 min Scan# 812

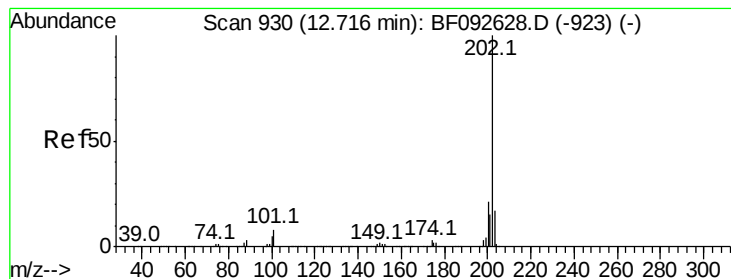
Delta R.T. 0.00 min

Lab File: BF093217.D

Acq: 27 Feb 2017 21:07

Tgt Ion:	178	Resp:	161874
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.6	25.0
179	16.3	12.8	19.2





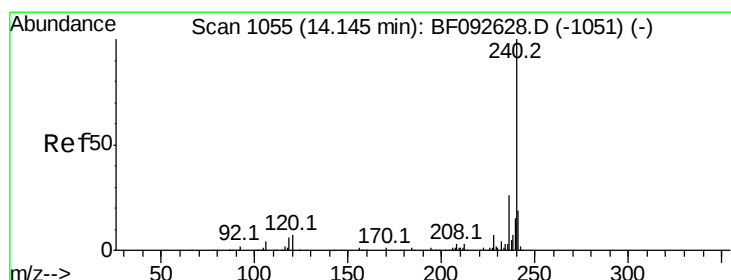
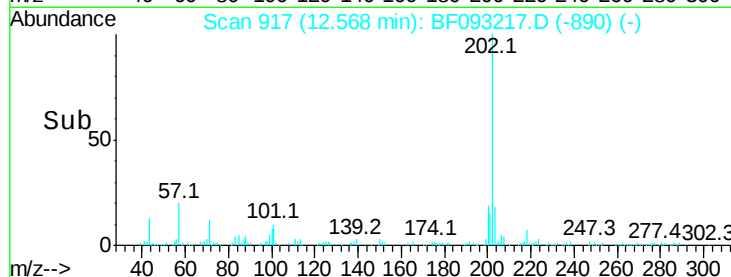
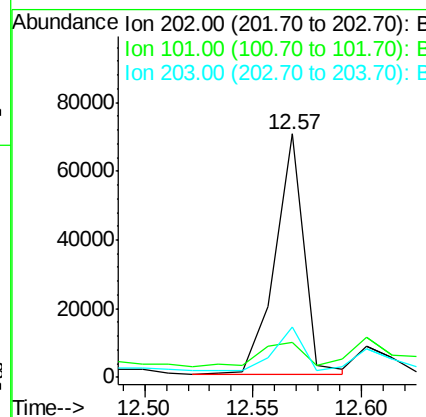
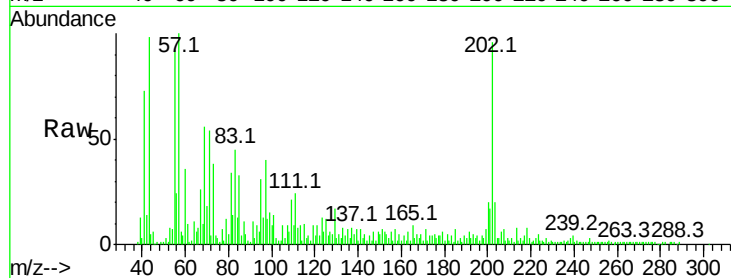
#74
 Fluoranthene
 Concen: 2.40 ng
 RT: 12.57 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF093217.D
 Acq: 27 Feb 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA6-SWN

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.3	0.0	34.6
203	20.5	0.0	38.7

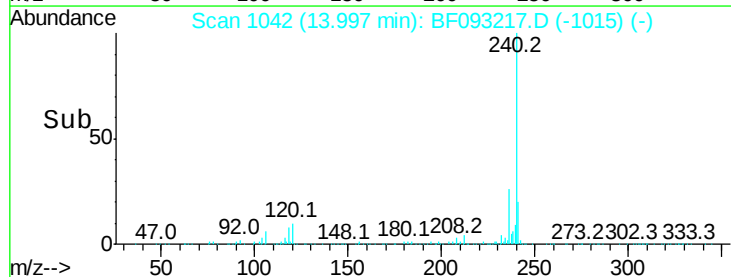
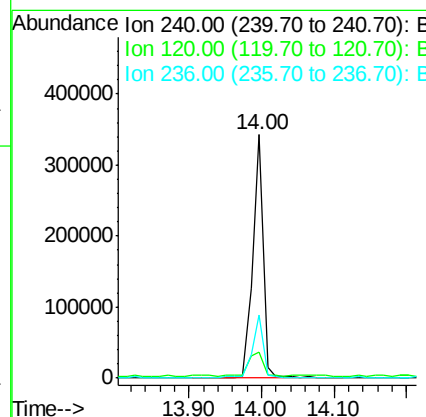
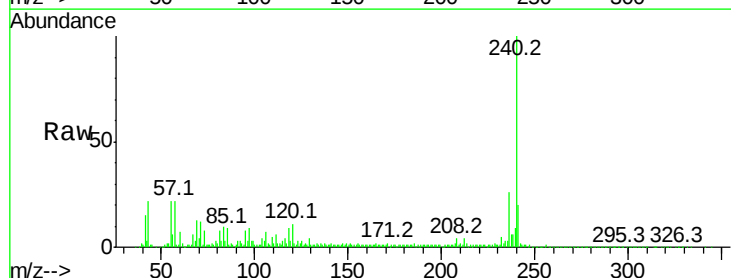
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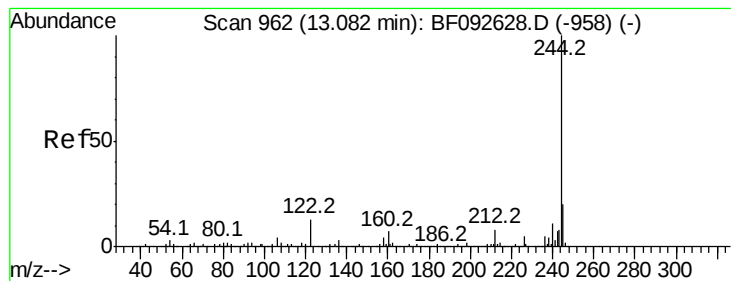
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF093217.D
 Acq: 27 Feb 2017 21:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	12.9	19.3#
236	26.0	20.9	31.3





#78

Terphenyl-d14

Concen: 48.72 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF093217.D

Acq: 27 Feb 2017 21:07

Instrument :

BNA_F

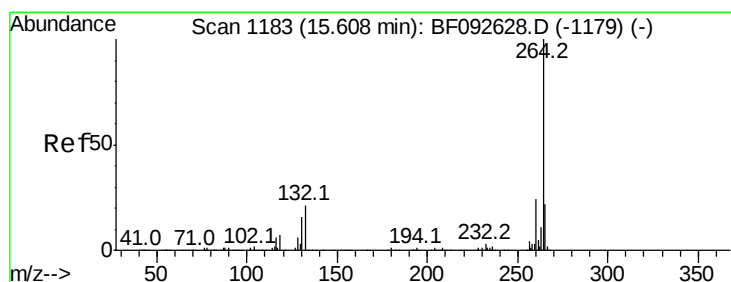
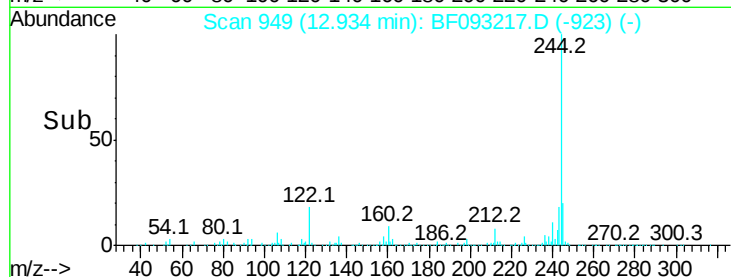
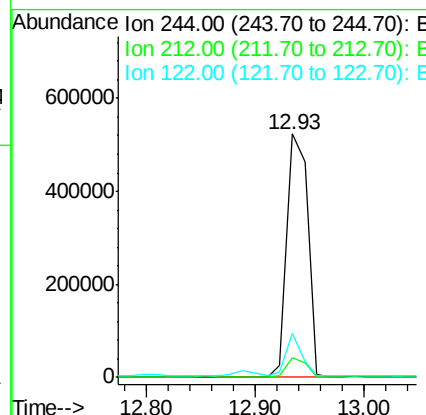
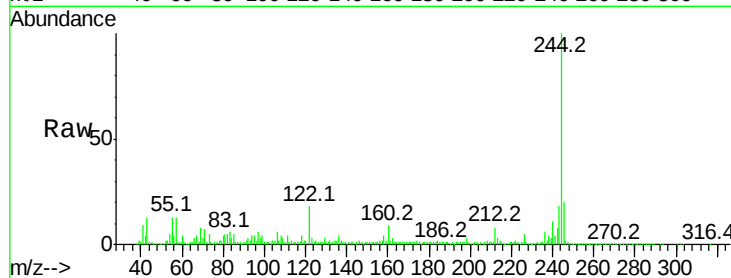
ClientSampleId :

E2-AA6-SWN

Tot Ion:	244	Resp:	698949
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.2	9.2
122	18.1	11.4	17.2

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF093217.D

Acq: 27 Feb 2017 21:07

Tgt Ion:	264	Resp:	296276
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.9	17.4	26.0

