

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093359.D
 Acq On : 3 Mar 2017 13:23
 Operator : SJ/MA
 Sample : I2057-05 2X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24B-25

Manual Integrations
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Quant Time: Mar 03 14:53:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144100	20.00	ng	-0.06
21) Naphthalene-d8	8.10	136	469483	20.00	ng	-0.05
38) Acenaphthene-d10	9.87	164	163470	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	278223	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	194693	20.00	ng	-0.01
86) Perylene-d12	15.46	264	178438	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	537939	64.05	ng	-0.07
7) Phenol-d6	6.44	99	682327	63.14	ng	-0.05
23) Nitrobenzene-d5	7.37	82	425539	50.47	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	73145	61.87	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	580105	64.29	ng	-0.03
78) Terphenyl-d14	12.96	244	301517	36.39	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	33971	2.69	ng	# 15
37) 2-Methylnaphthalene	8.83	142	1150045	75.26	ng	97
49) Dimethylphthalate	9.58	163	80838	7.34	ng	# 10
51) Acenaphthene	9.90	154	79996	8.36	ng	# 61
54) Dibenzofuran	10.08	168	79225	6.19	ng	# 1
57) Fluorene	10.43	166	264399	26.87	ng	# 80
70) Phenanthrene	11.39	178	499424	31.33	ng	# 90
74) Fluoranthene	12.59	202	53782m	3.27	ng	
77) Pyrene	12.82	202	136017	9.34	ng	# 82

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

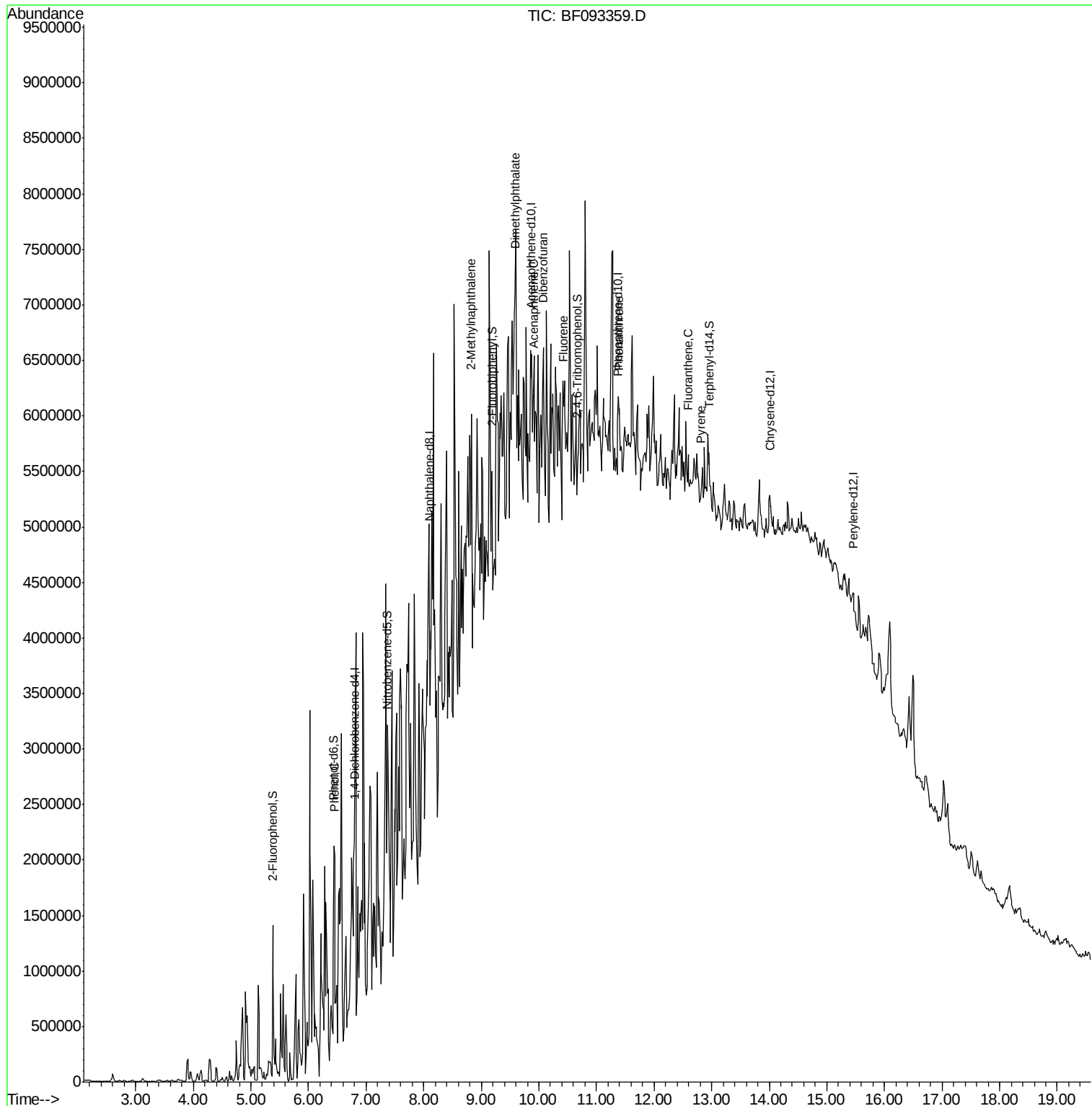
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
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Sample : I2057-05 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

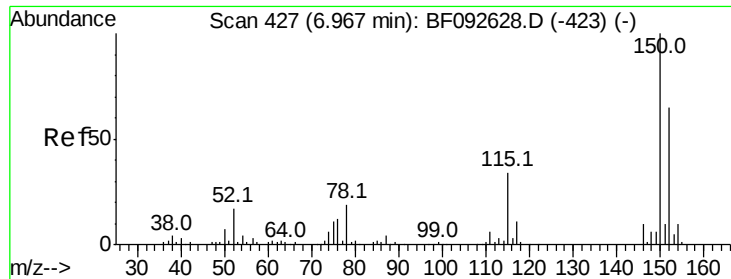
Instrument :
BNA_F
ClientSampleId :
24B-25

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Quant Time: Mar 03 14:53:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

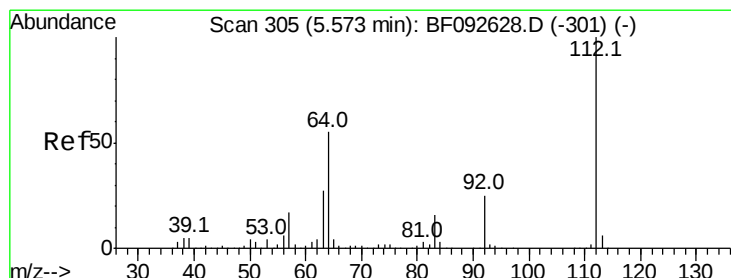
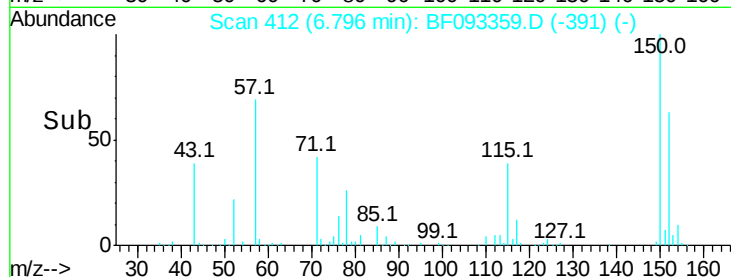
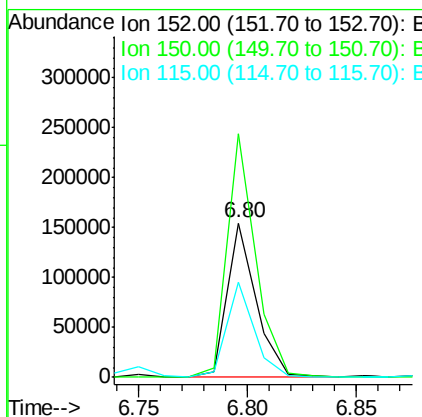
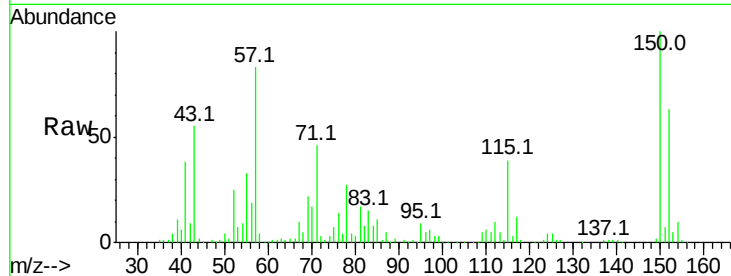
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Instrument :
BNA_F
ClientSampled :
24B-25

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.9	187.3
115	61.7	46.0	69.0

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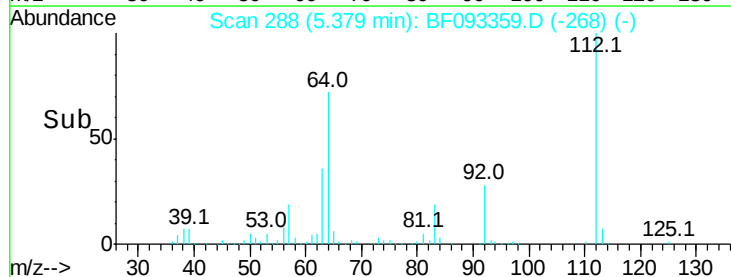
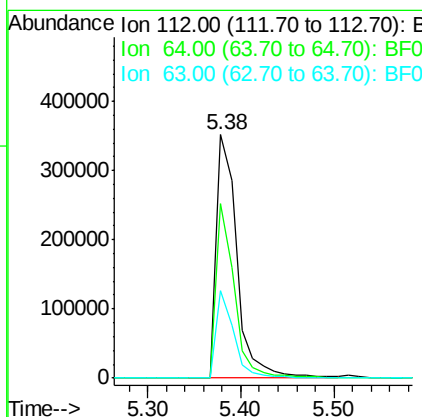
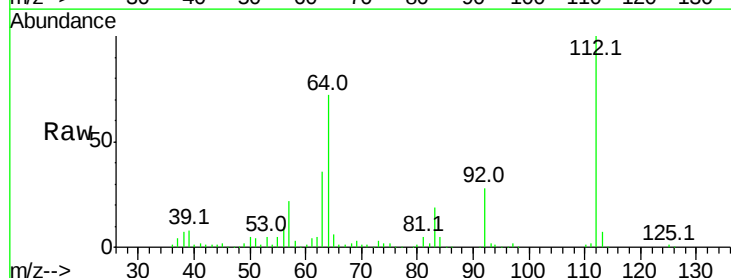
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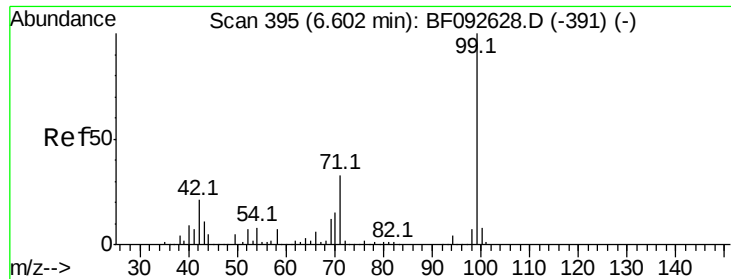


#5

2-Fluorophenol
Concen: 64.05 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.07 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	46.1	69.1#
63	35.7	23.8	35.6#





#7

Phenol-d6

Concen: 63.14 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

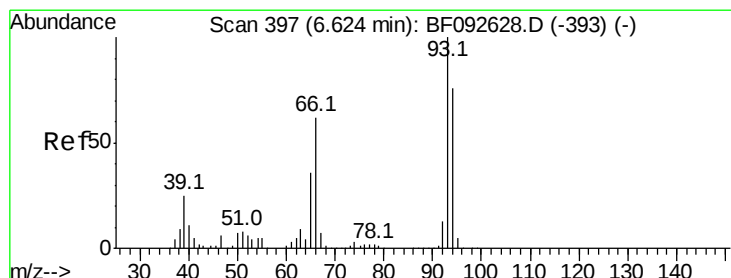
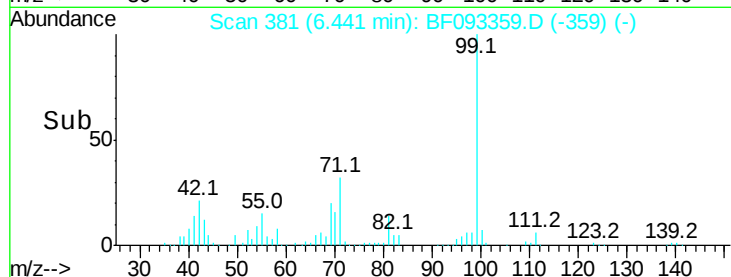
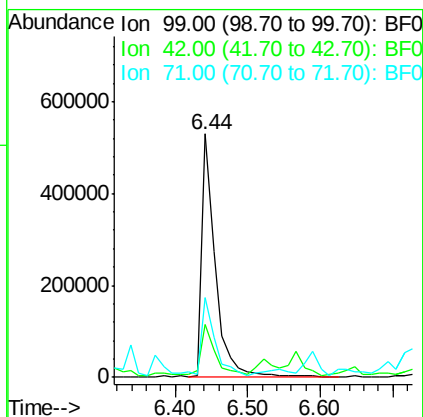
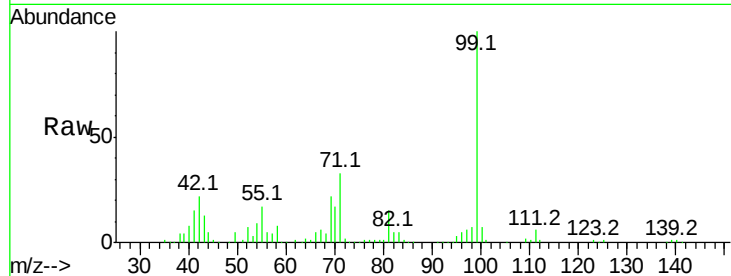
ClientSampleId :

24B-25

Tot Ion:	99	Resp:	682327
Ion Ratio	Lower	Upper	
99	100		
42	21.6	15.6	23.4
71	32.6	27.5	41.3

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#10

Phenol

Concen: 2.69 ng

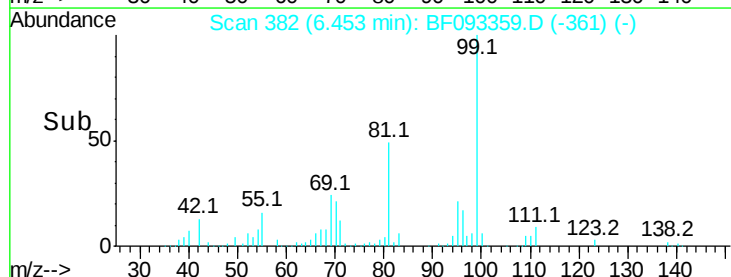
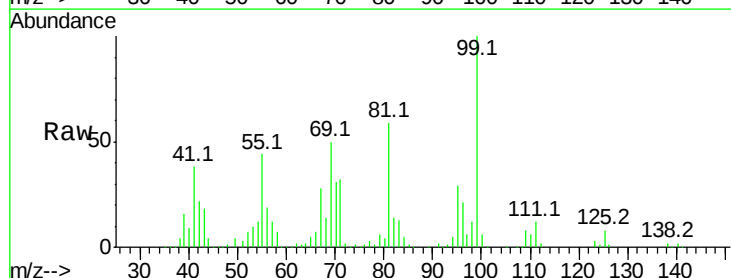
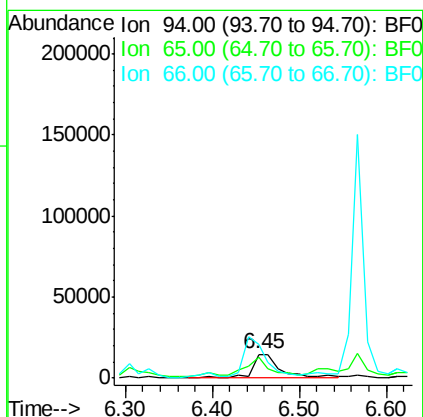
RT: 6.45 min Scan# 382

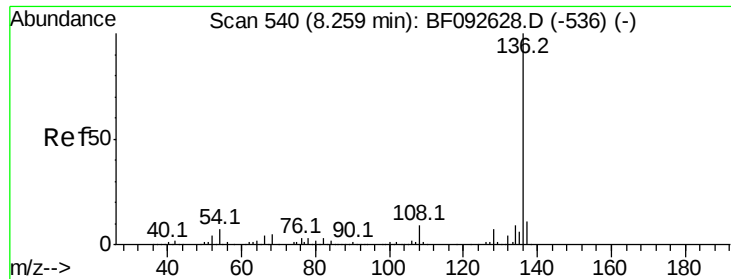
Delta R.T. -0.06 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Tgt Ion:	94	Resp:	33971
Ion Ratio	Lower	Upper	
94	100		
65	84.7	21.4	61.4#
66	138.5	44.0	84.0#





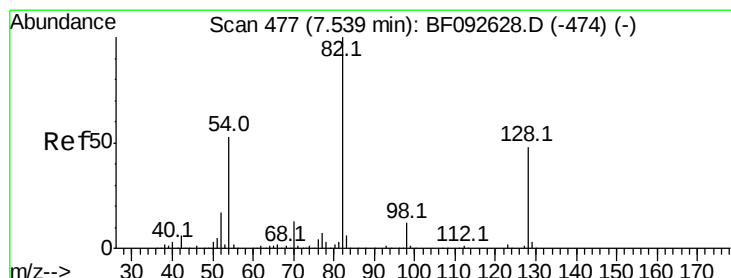
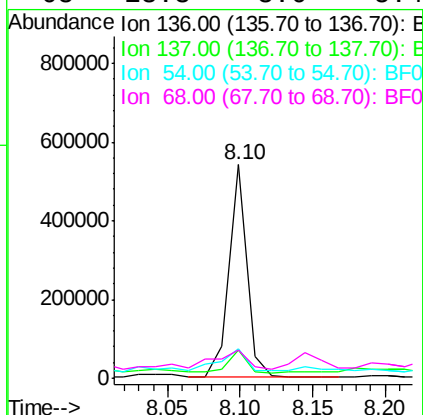
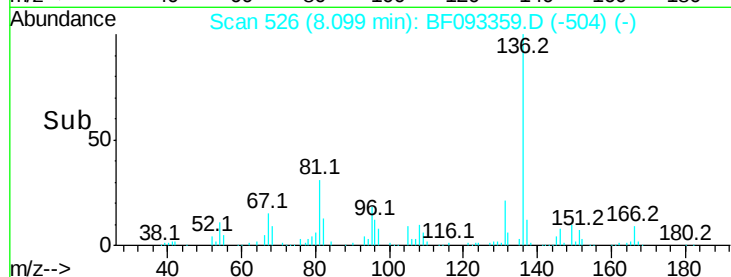
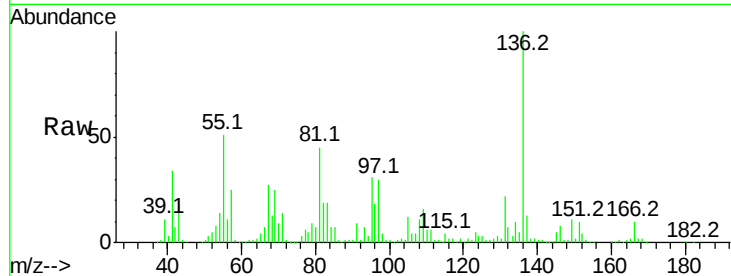
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Instrument :
BNA_F
ClientSampleId :
24B-25

Tot Ion	Ratio	Resp	Lower	Upper
136	100	469483		
137	13.3	8.4	12.6#	
54	13.9	4.5	6.7#	
68	13.3	3.6	5.4#	

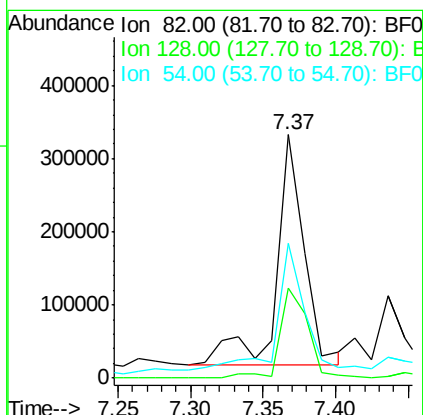
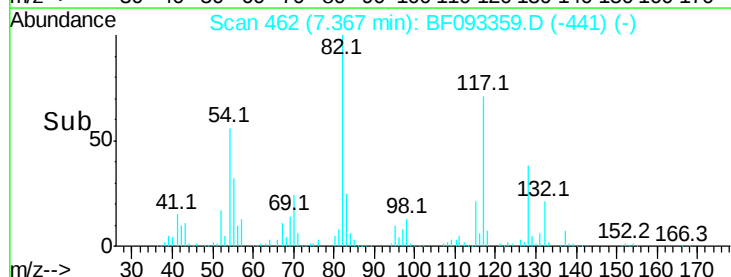
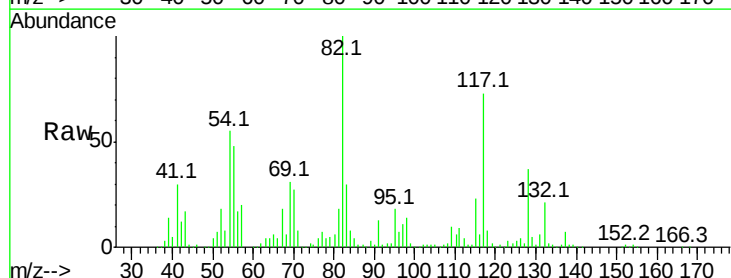
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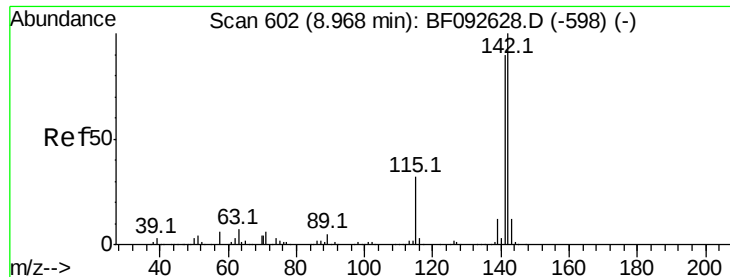
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#23
Nitrobenzene-d5
Concen: 50.47 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	425539		
128	37.0	34.6	52.0	
54	55.5	39.5	59.3	





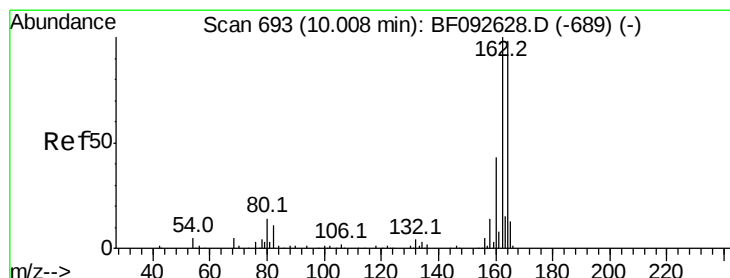
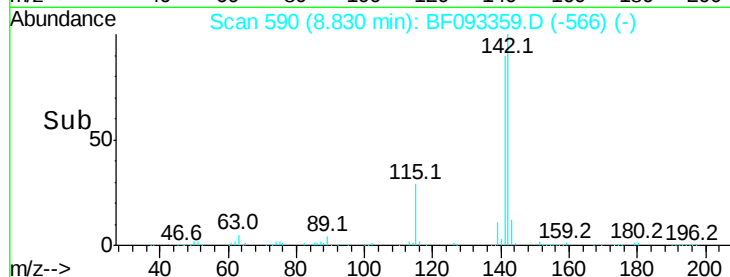
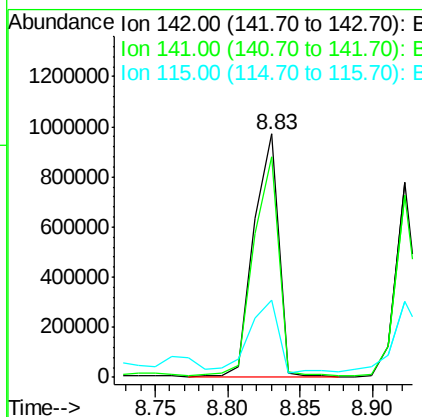
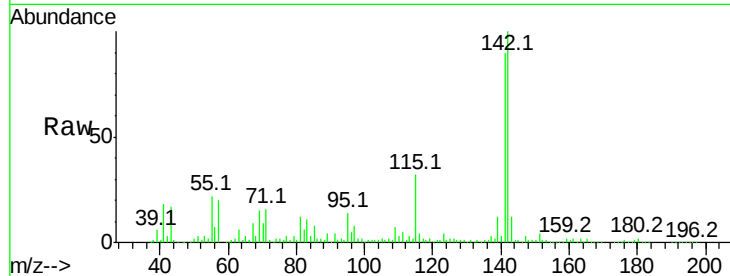
#37
2-Methylnaphthalene
Concen: 75.26 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Instrument :
BNA_F
ClientSampleId :
24B-25

Tot Ion:142 Resp: 1150045
Ion Ratio Lower Upper
142 100
141 90.4 71.0 106.6
115 31.7 28.3 42.5

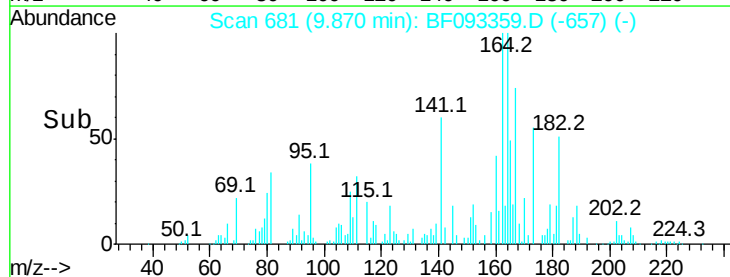
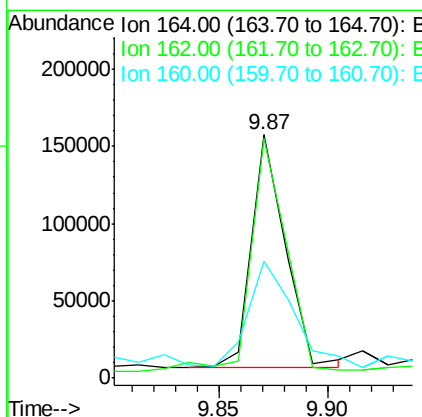
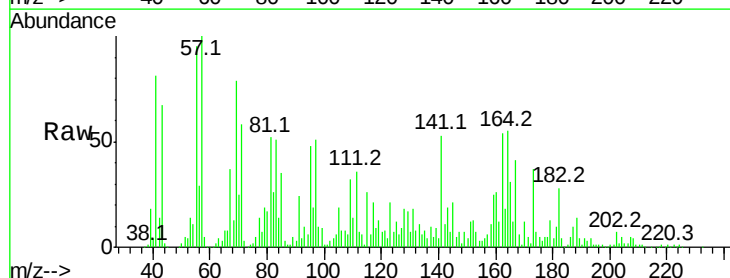
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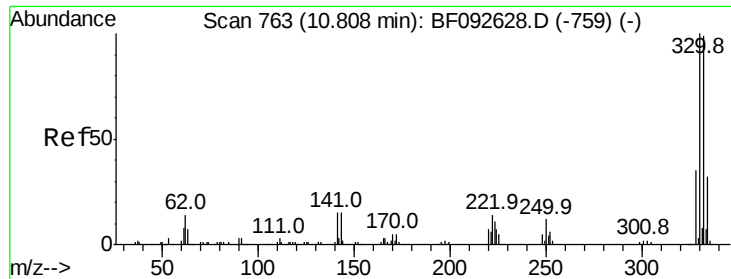
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion:164 Resp: 163470
Ion Ratio Lower Upper
164 100
162 98.5 80.2 120.2
160 48.2 36.9 55.3





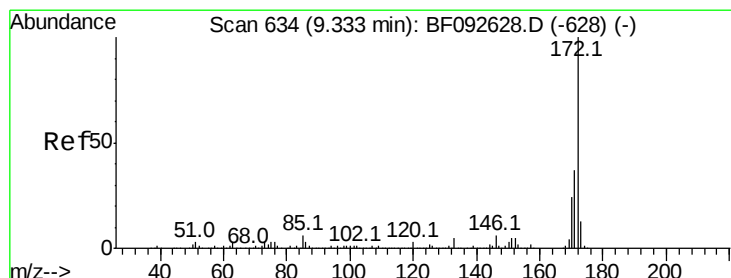
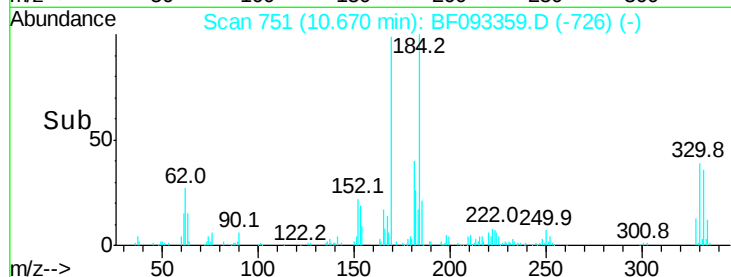
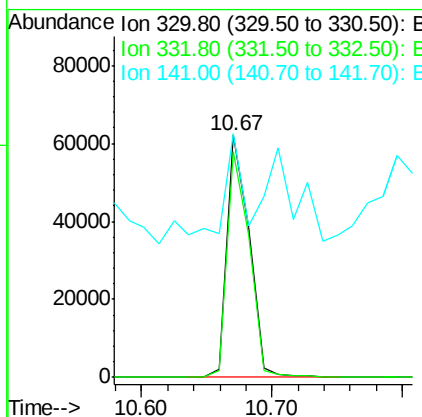
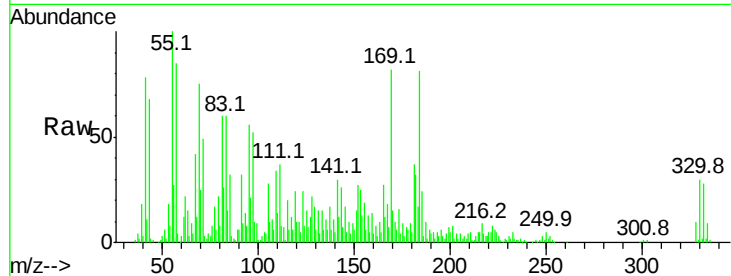
#41
 2,4,6-Tribromophenol
 Concen: 61.87 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093359.D
 Acq: 3 Mar 2017 13:23

Instrument :
 BNA_F
 ClientSampled :
 24B-25

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.4	116.2
141	28.5	34.1	51.1#

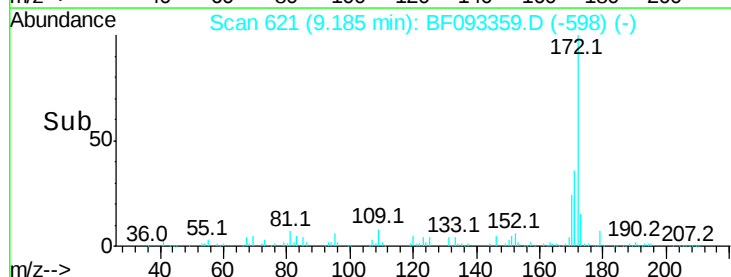
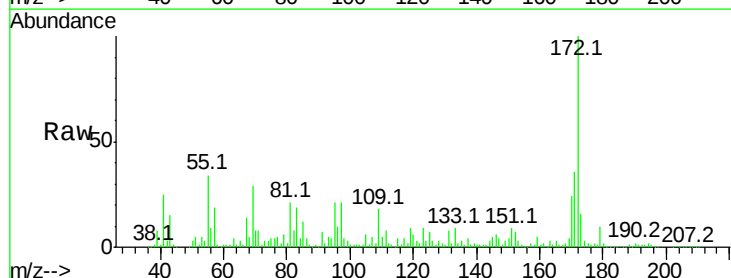
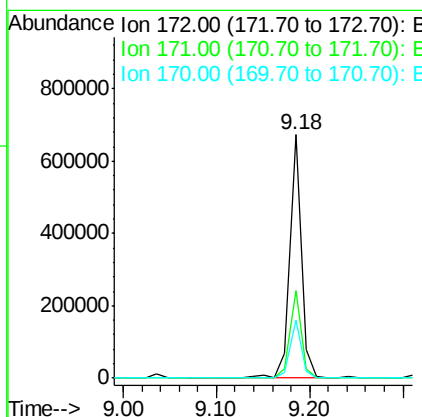
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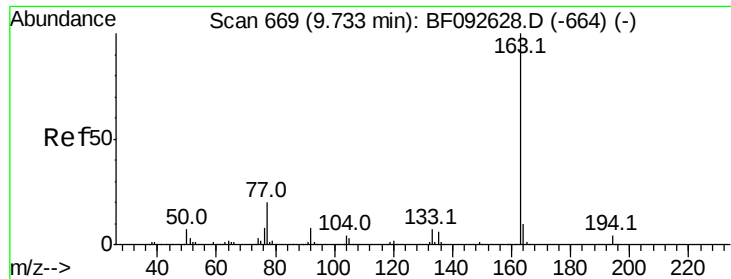
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#44
 2-Fluorobiphenyl
 Concen: 64.29 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF093359.D
 Acq: 3 Mar 2017 13:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.9	20.2	30.4





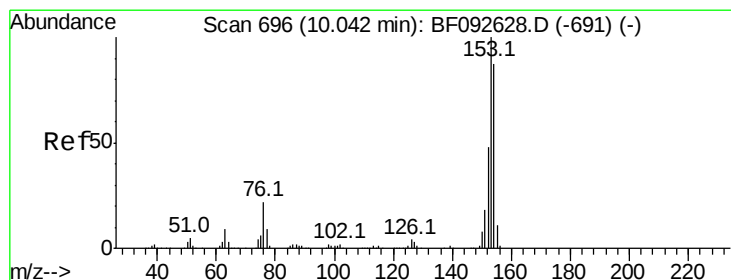
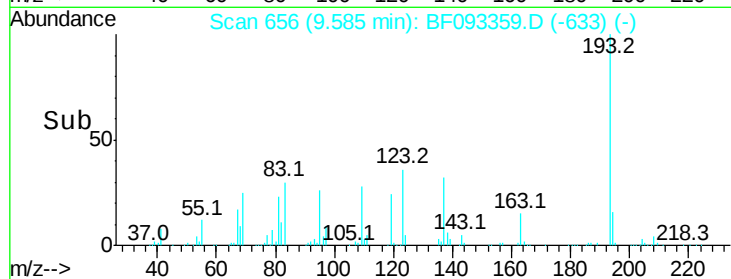
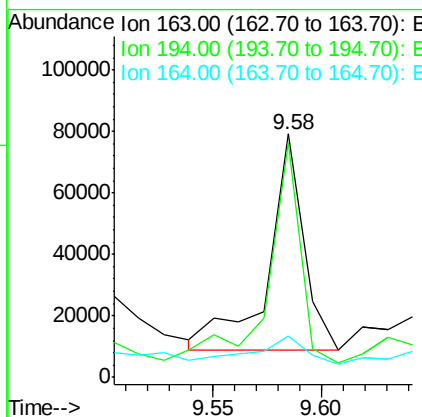
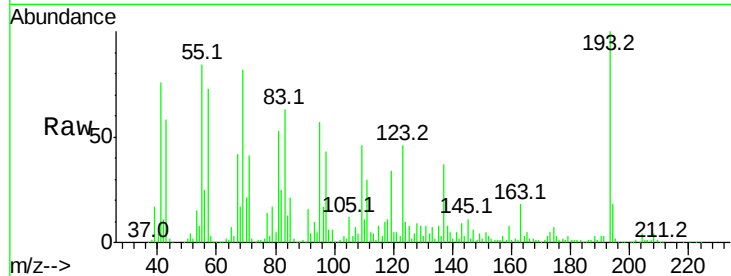
#49
Dimethylphthalate
Concen: 7.34 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Instrument :
BNA_F
ClientSampleId :
24B-25

Tot Ion:163 Resp: 80838
Ion Ratio Lower Upper
163 100
194 96.6 3.0 4.4#
164 17.2 8.0 12.0#

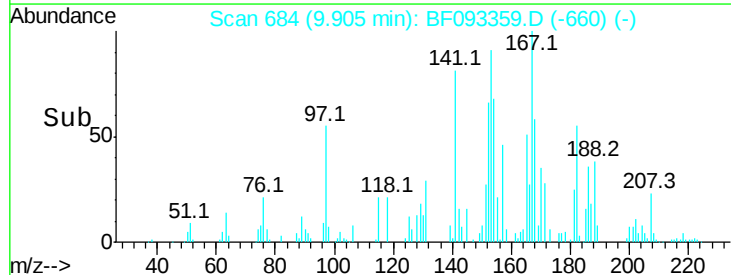
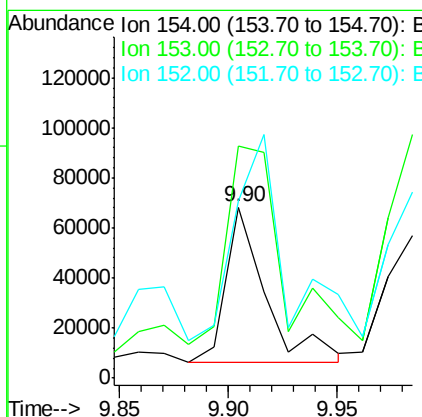
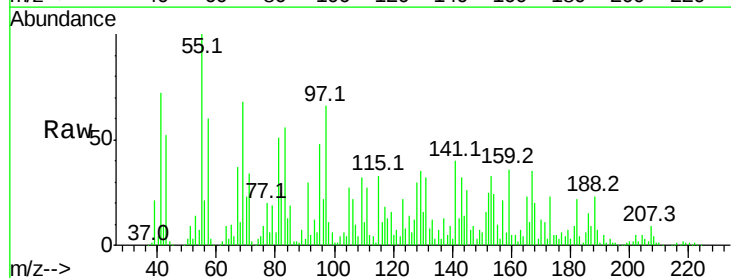
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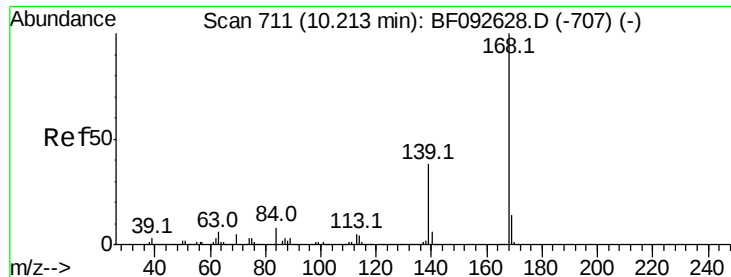
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#51
Acenaphthene
Concen: 8.36 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion:154 Resp: 79996
Ion Ratio Lower Upper
154 100
153 135.5 88.6 133.0#
152 103.5 41.6 62.4#





#54

Dibenzofuran

Concen: 6.19 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

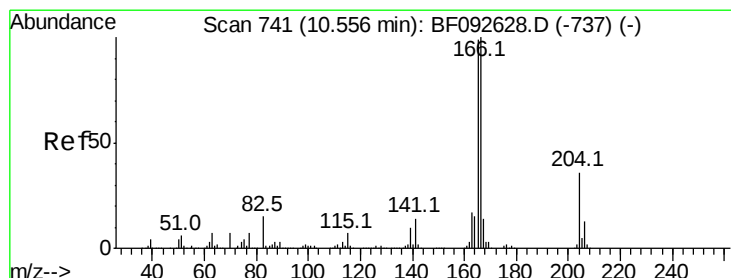
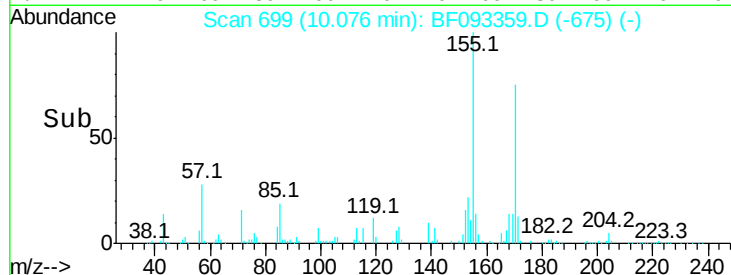
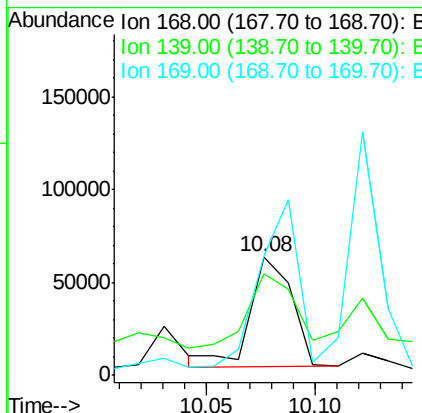
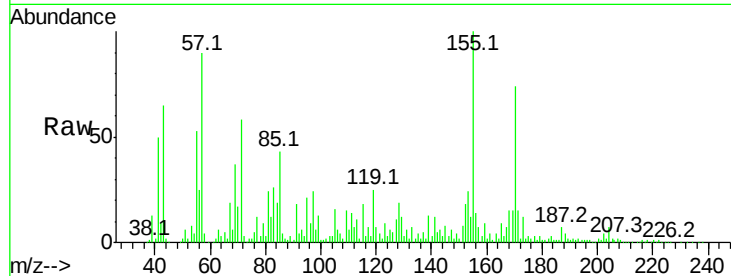
ClientSampled :

24B-25

Tot Ion:	168	Resp:	79225
Ion Ratio	Lower	Upper	
168	100		
139	85.3	32.6	49.0#
169	100.9	11.3	16.9#

Manual Integrations
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#57

Fluorene

Concen: 26.87 ng

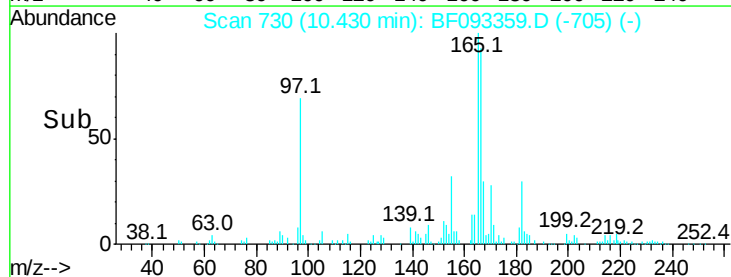
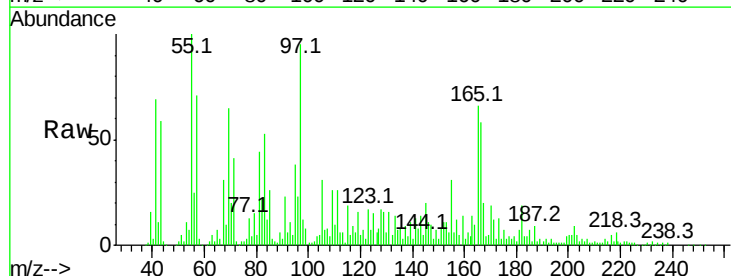
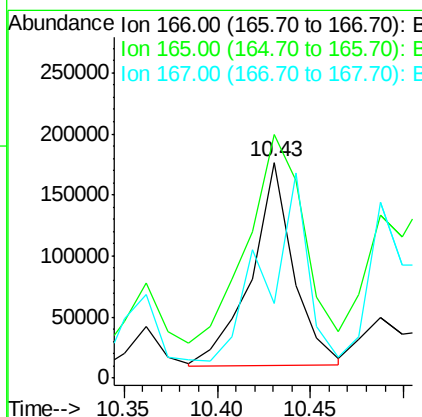
RT: 10.43 min Scan# 730

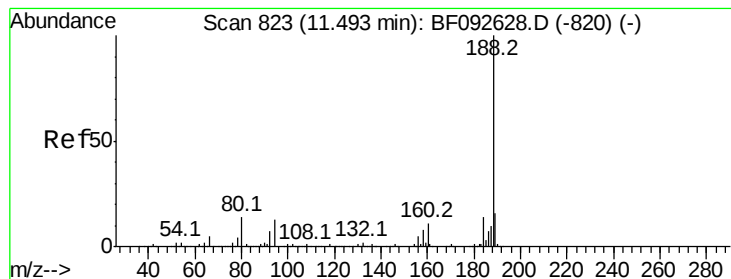
Delta R.T. -0.01 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Tgt Ion:	166	Resp:	264399
Ion Ratio	Lower	Upper	
166	100		
165	113.0	77.8	116.8
167	34.8	10.8	16.2#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

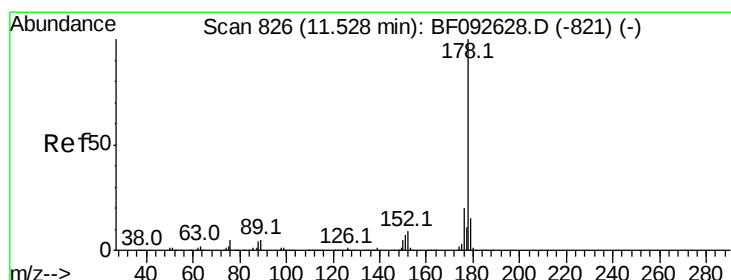
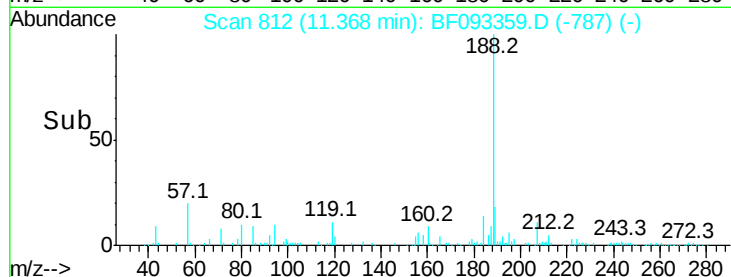
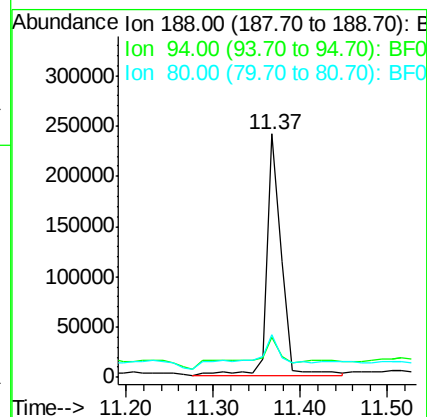
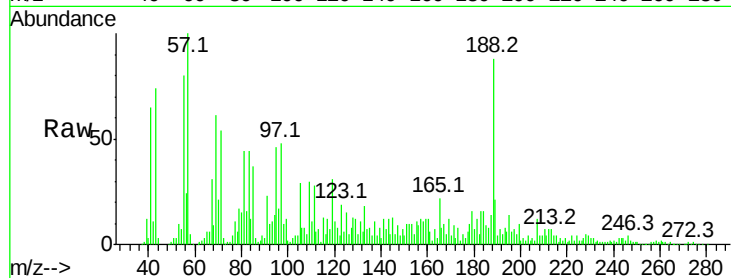
ClientSampleId :

24B-25

Tot Ion:188	Resp:	278223
Ion Ratio	Lower	Upper
188 100		
94 16.3	10.0	15.0#
80 17.5	11.2	16.8#

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#70

Phenanthrene

Concen: 31.33 ng

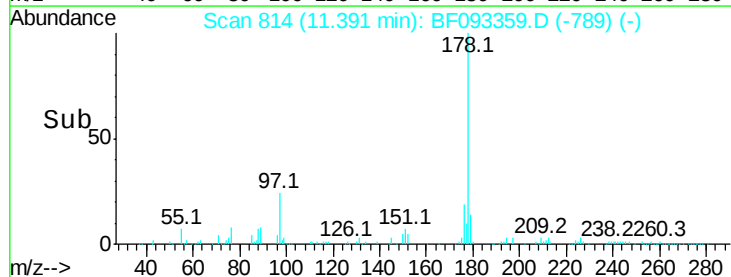
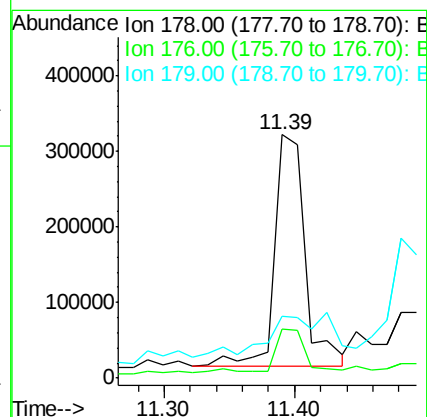
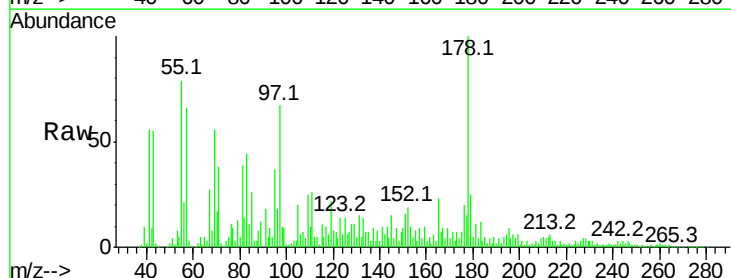
RT: 11.39 min Scan# 814

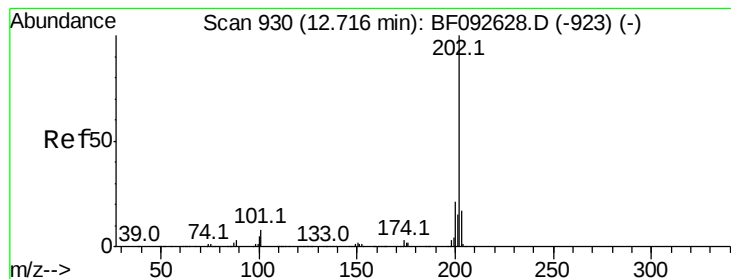
Delta R.T. -0.01 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Tgt Ion:178	Resp:	499424
Ion Ratio	Lower	Upper
178 100		
176 20.3	16.6	25.0
179 25.3	12.8	19.2#





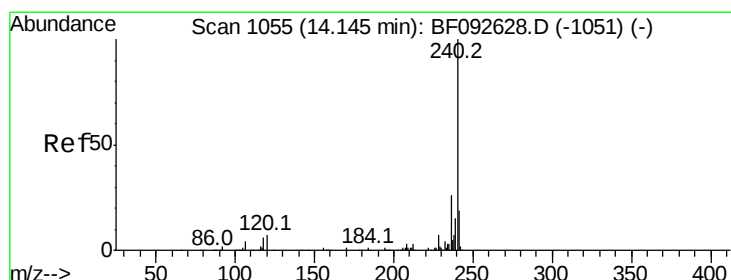
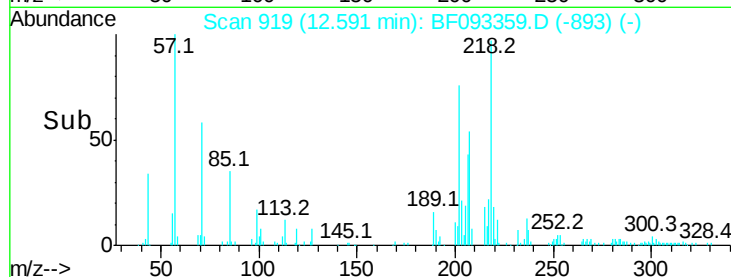
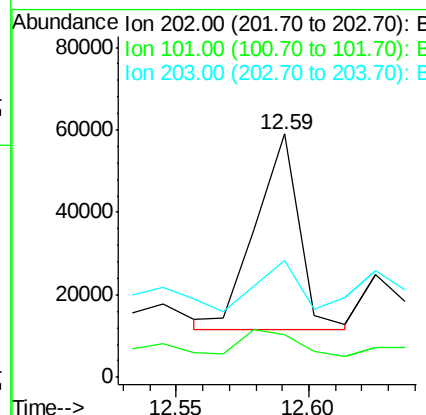
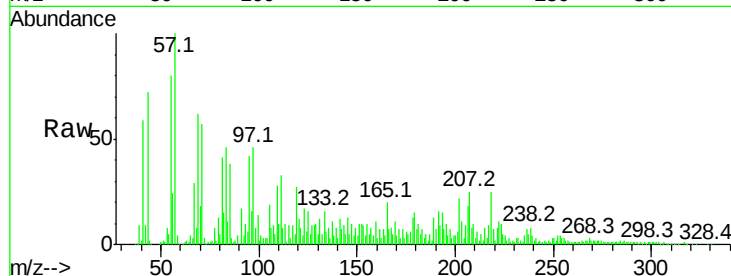
#74
Fluoranthene
Concen: 3.27 ng m
RT: 12.59 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Instrument :
BNA_F
ClientSampleId :
24B-25

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	17.3	0.0	34.6
203	47.9	0.0	38.7#

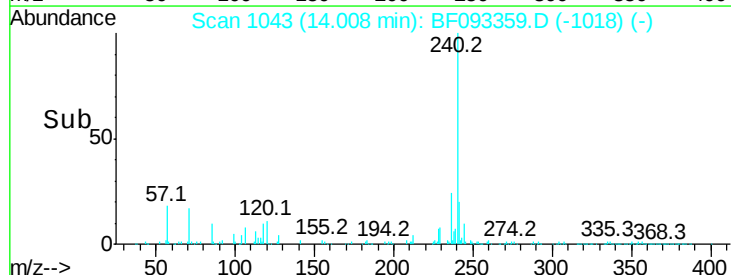
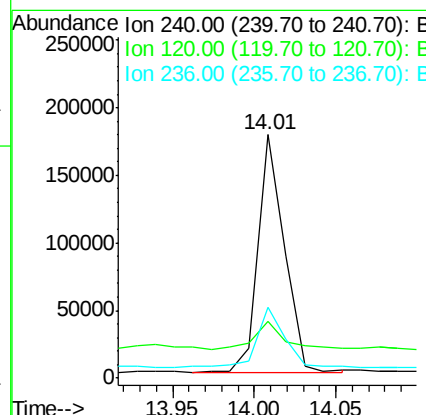
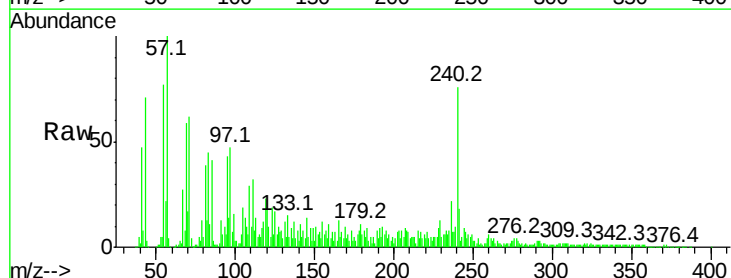
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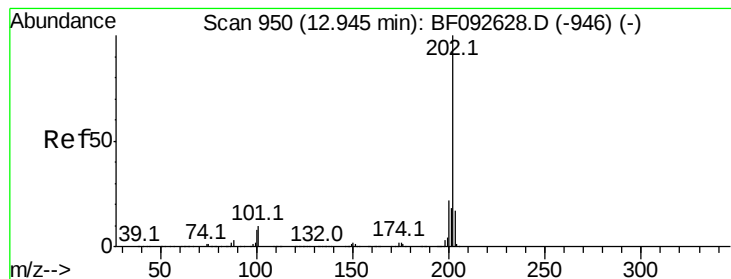
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	23.1	12.9	19.3#
236	28.9	20.9	31.3





#77

Pvrene

Concen: 9.34 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

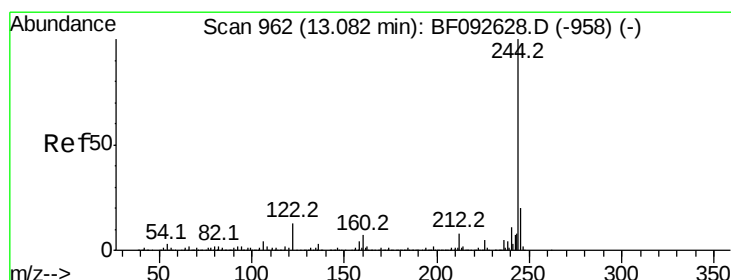
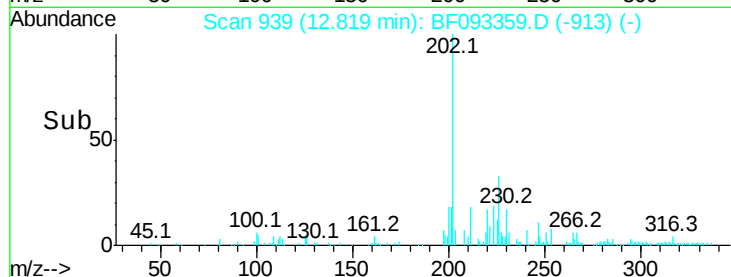
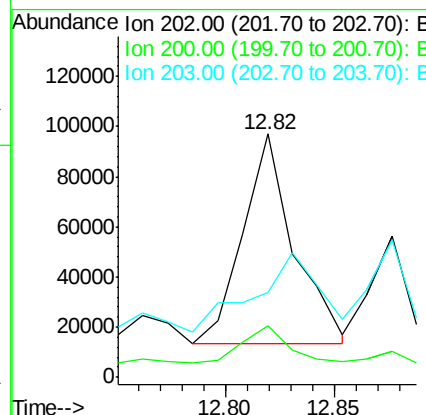
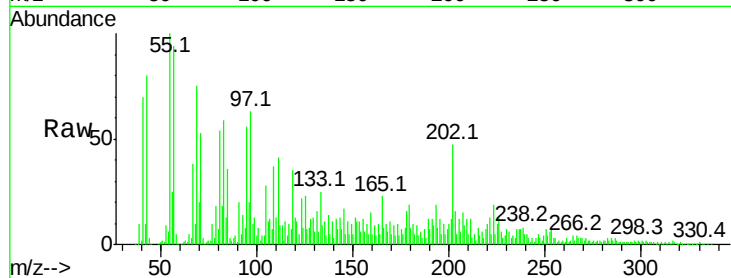
ClientSampleId :

24B-25

Tot Ion:	202	Resp:	136017
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.7	26.5
203	34.7	14.7	22.1#

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#78

Terphenyl-d14

Concen: 36.39 ng

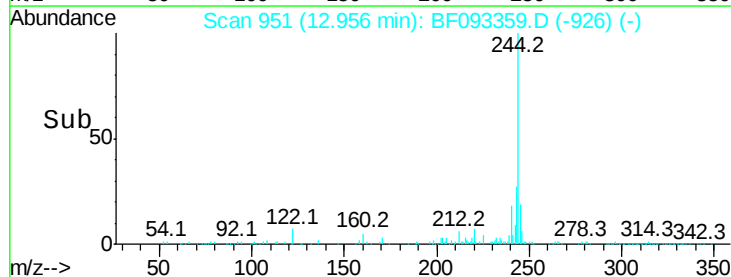
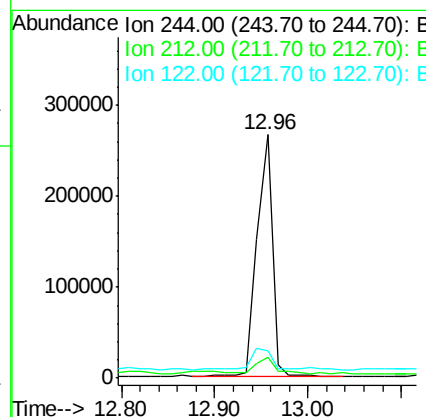
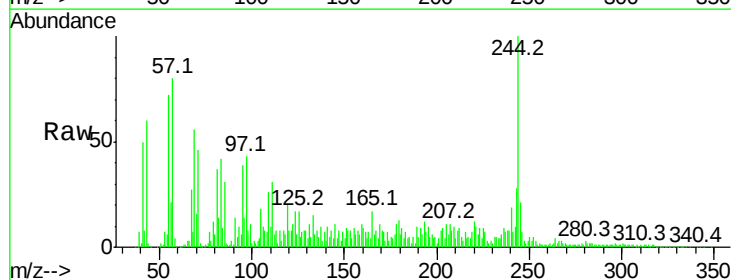
RT: 12.96 min Scan# 951

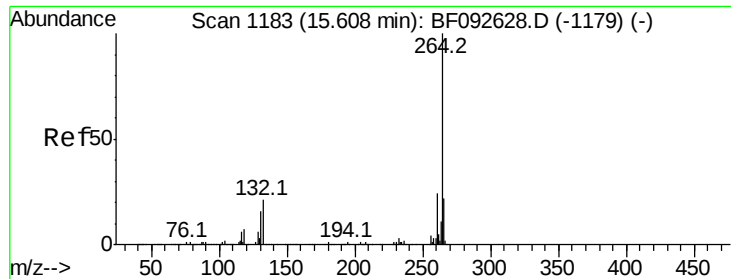
Delta R.T. -0.01 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Tgt Ion:	244	Resp:	301517
Ion Ratio	Lower	Upper	
244	100		
212	8.6	6.2	9.2
122	11.0	11.4	17.2#





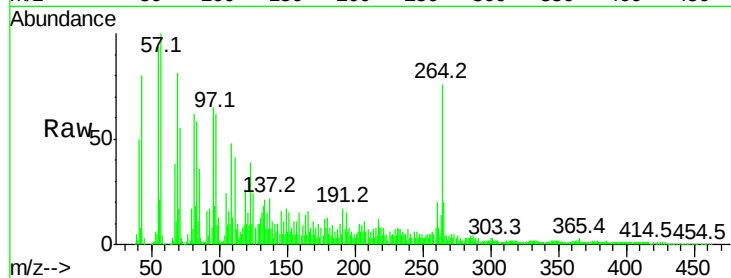
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Instrument :
BNA_F
ClientSampleId :
24B-25

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	26.9	19.2	28.8
265	26.2	17.4	26.0

Manual Integrations
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Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

