

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094325.D
 Acq On : 10 Apr 2017 21:39
 Operator : SJ/MA
 Sample : I2595-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-1

Manual Integrations
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Quant Time: Apr 11 02:13:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	163698	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	643701	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	278157	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	444395	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	307136	20.00	ng	-0.02
86) Perylene-d12	16.19	264	257456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	996210	102.79	ng	0.01
7) Phenol-d6	5.48	99	1242139	103.60	ng	0.02
23) Nitrobenzene-d5	6.49	82	767781	68.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	230178	104.72	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1255631	68.85	ng	-0.02
78) Terphenyl-d14	13.28	244	791727	57.78	ng	-0.02
Target Compounds						Qvalue
10) Phenol	5.49	94	105135	7.71	ng	96
49) Dimethylphthalate	9.16	163	301576	15.25	ng	99
70) Phenanthrene	11.33	178	54423	2.20	ng	97
74) Fluoranthene	12.79	202	83566	3.30	ng	97
77) Pyrene	13.07	202	63606	2.85	ng	98
79) Butylbenzylphthalate	13.90	149	1410057	148.47	ng	# 83
82) Chrysene	14.58	228	35608	2.14	ng	97
83) Bis(2-ethylhexyl)phthalate	14.60	149	126342	9.75	ng	99
87) Benzo(b)fluoranthene	15.78	252	34639m	2.19	ng	

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

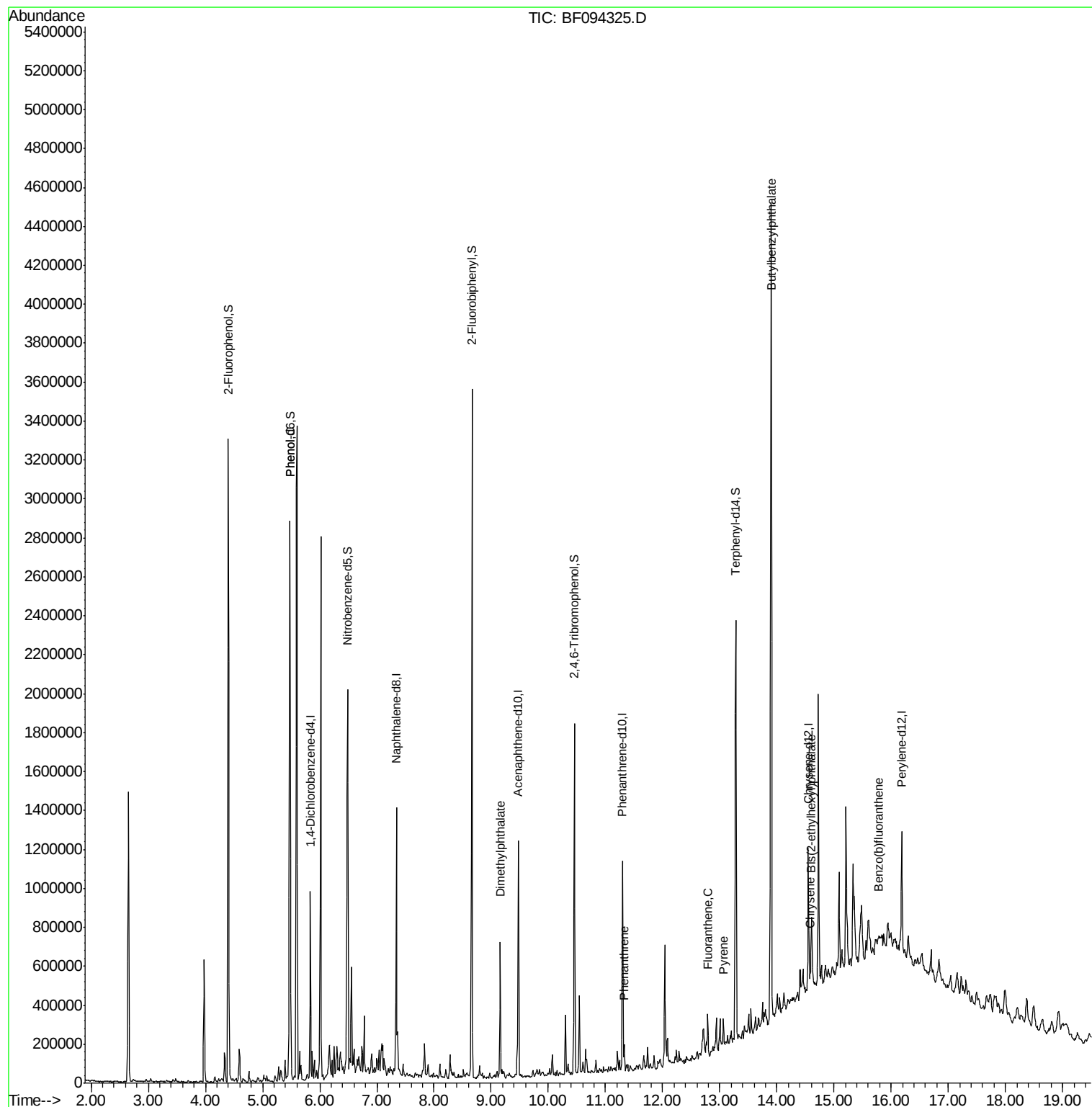
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094325.D
Acq On : 10 Apr 2017 21:39
Operator : SJ/MA
Sample : I2595-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

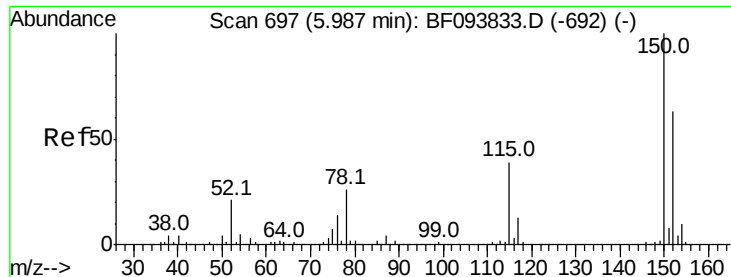
Instrument :
BNA_F
ClientSampleId :
GRID-1

Quant Time: Apr 11 02:13:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
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#1

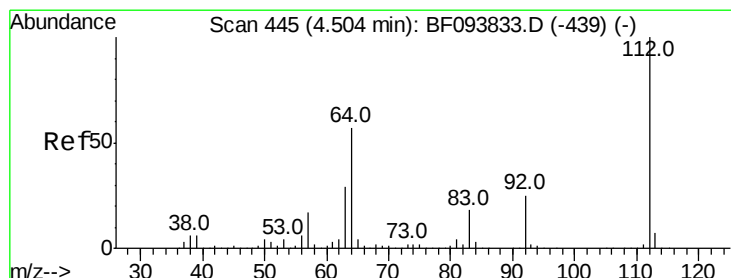
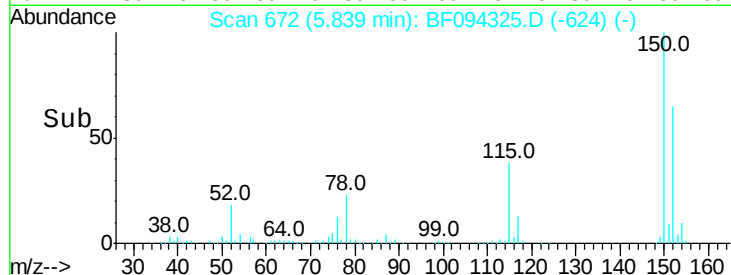
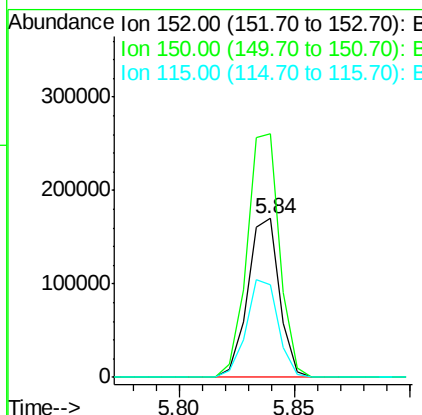
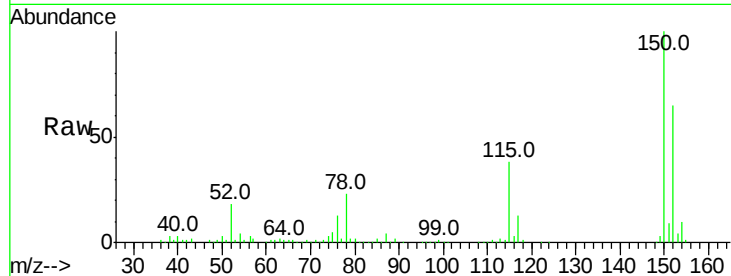
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Instrument :
BNA_F
ClientSampleId :
GRID-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.2	189.2
115	58.1	52.2	78.2

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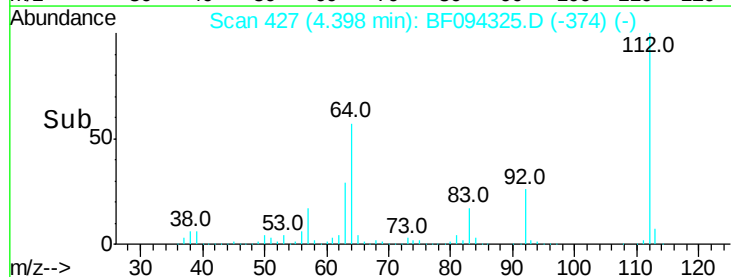
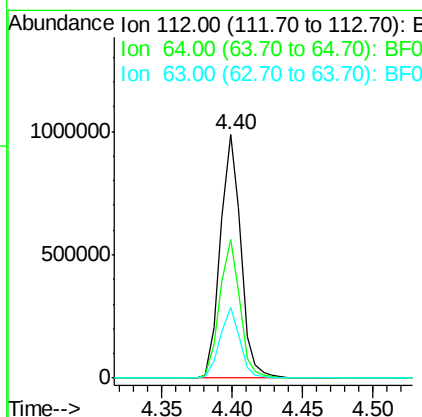
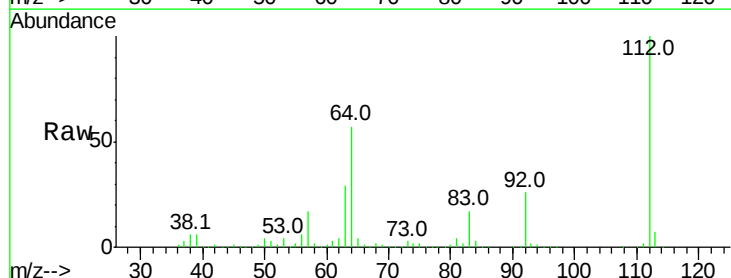
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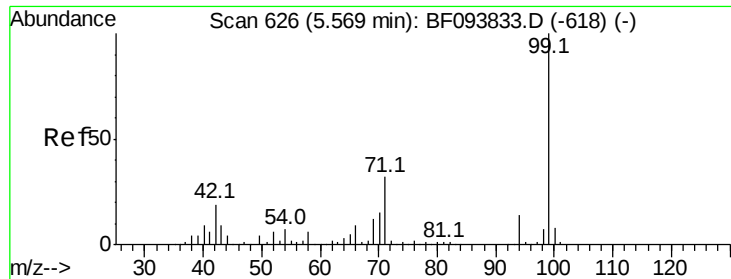


#5

2-Fluorophenol
Concen: 102.79 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.0	69.0
63	28.9	23.4	35.0





#7

Phenol-d6

Concen: 103.60 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

Instrument :

BNA_F

ClientSampleId :

GRID-1

Tot Ion: 99 Resp: 1242139

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

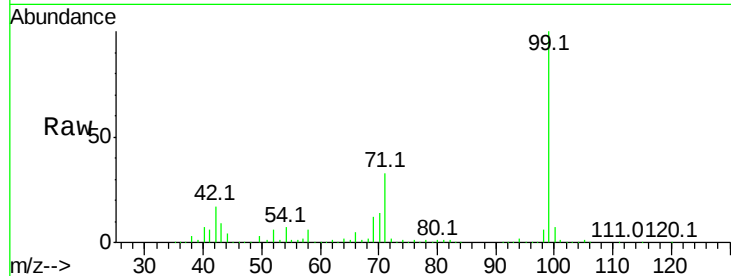
71 32.7 24.5 36.7

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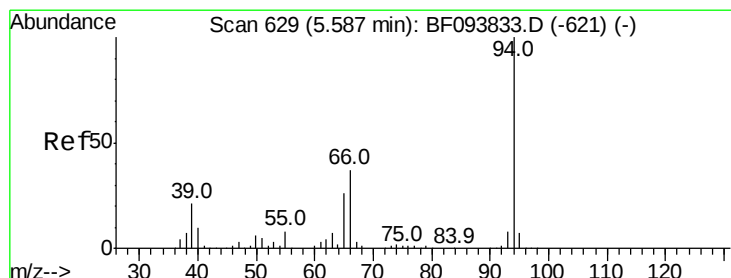
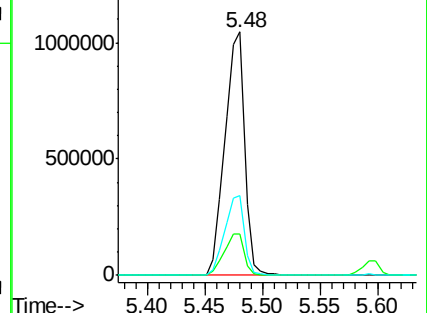
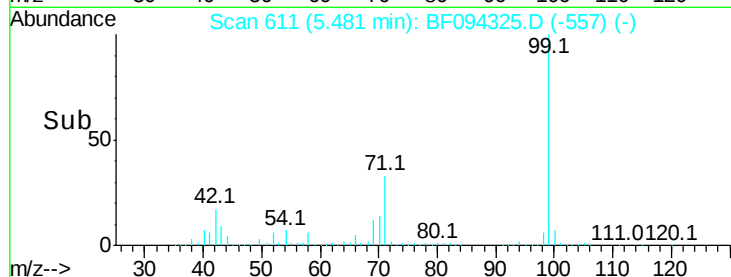
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 7.71 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

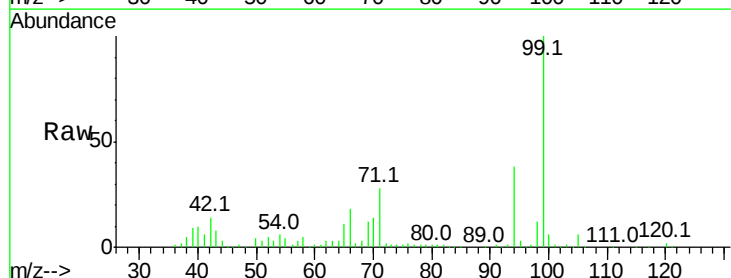
Tgt Ion: 94 Resp: 105135

Ion Ratio Lower Upper

94 100

65 28.0 9.9 49.9

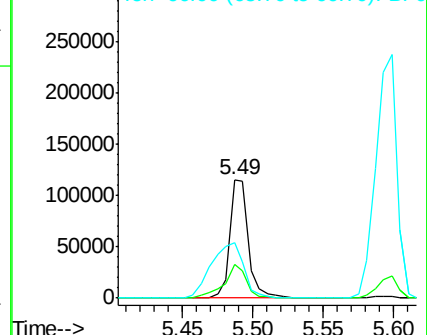
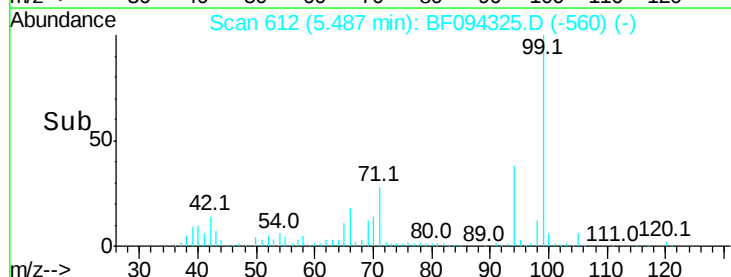
66 46.3 23.1 63.1



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





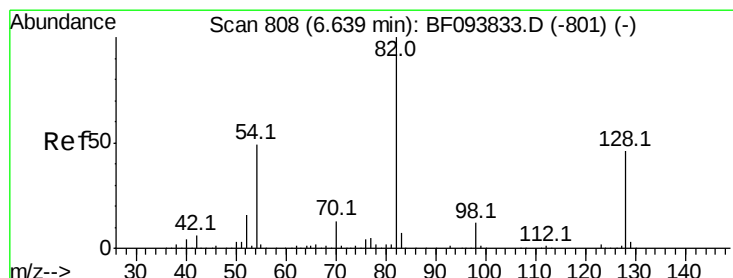
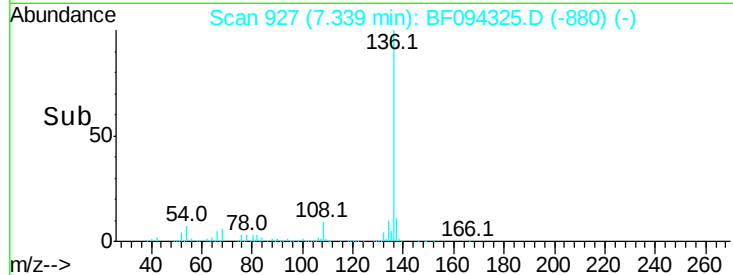
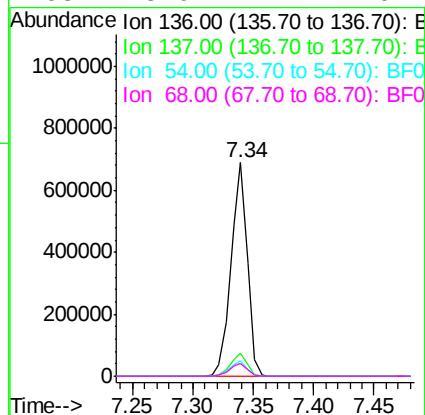
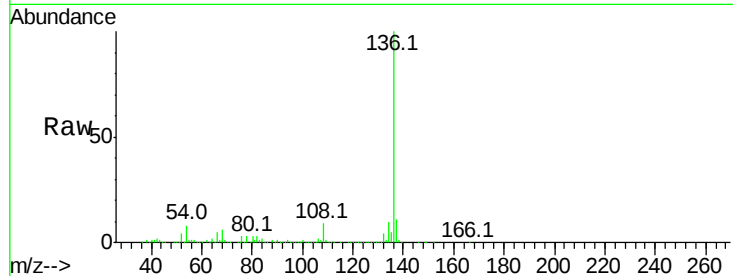
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Instrument :
BNA_F
ClientSampleId :
GRID-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	7.5	4.9	7.3#	
68	5.9	4.1	6.1	

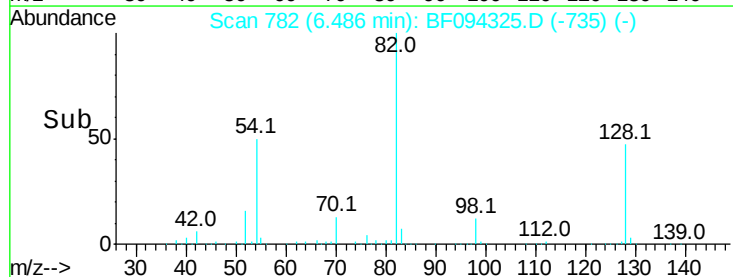
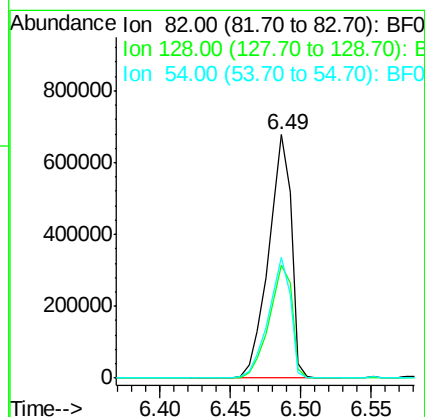
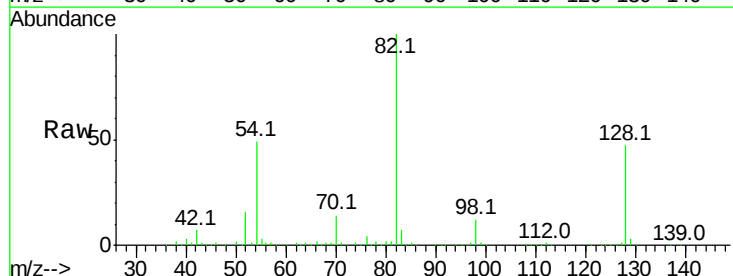
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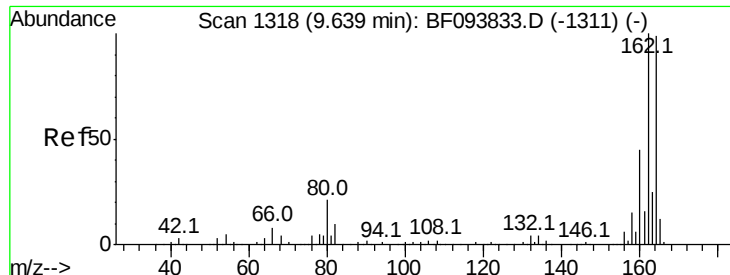
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#23
Nitrobenzene-d5
Concen: 68.07 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	34.0	51.0	
54	49.5	42.2	63.2	





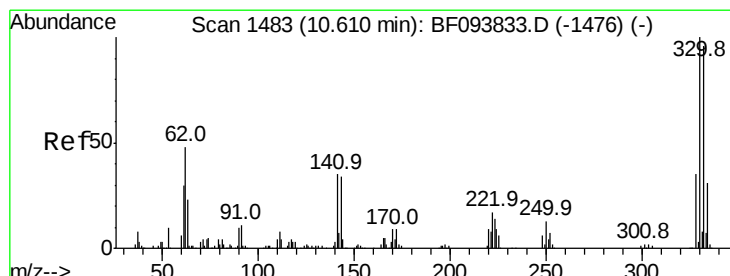
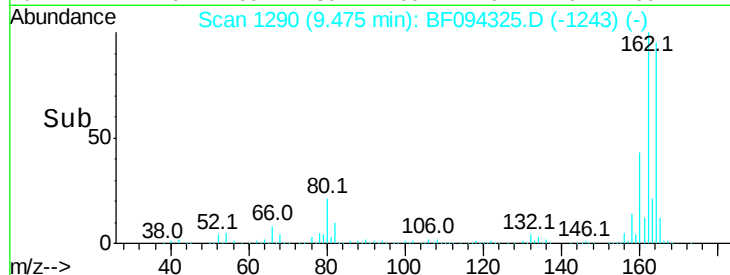
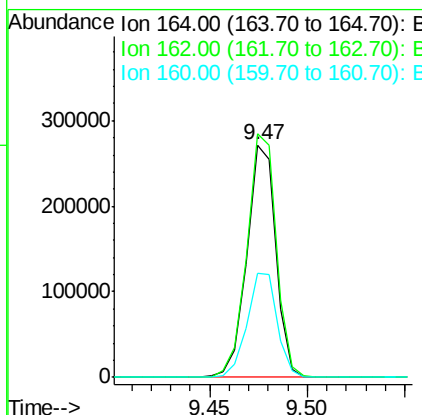
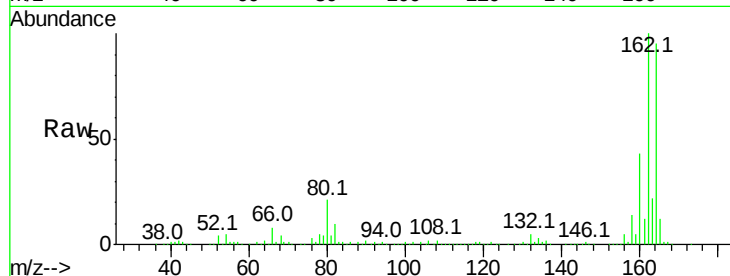
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Instrument :
BNA_F
ClientSampleId :
GRID-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	278157		
162	104.8	82.6	123.8	
160	44.8	36.2	54.2	

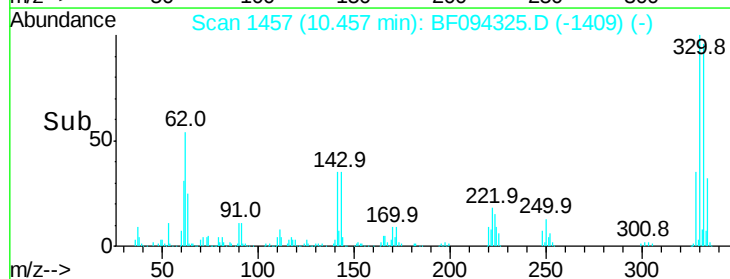
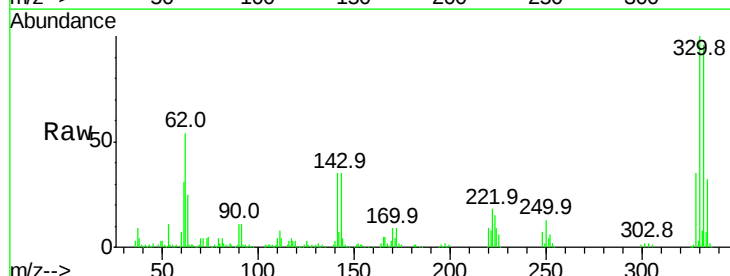
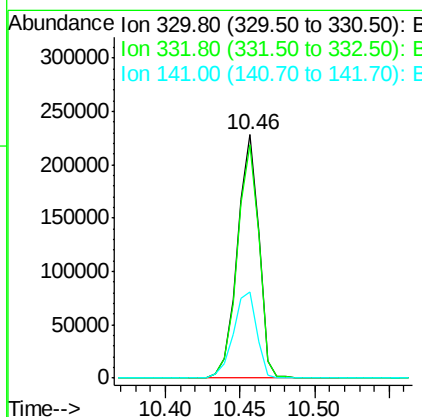
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#41
2,4,6-Tribromophenol
Concen: 104.72 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	230178		
332	97.2	76.6	115.0	
141	38.4	31.4	47.2	





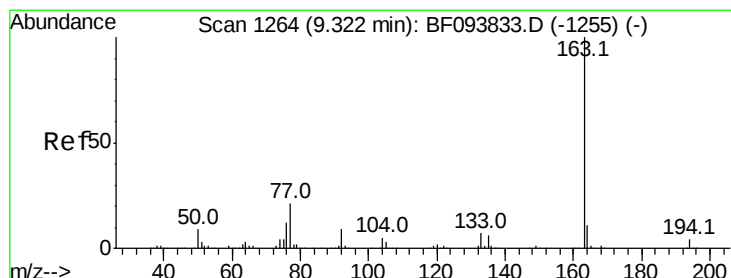
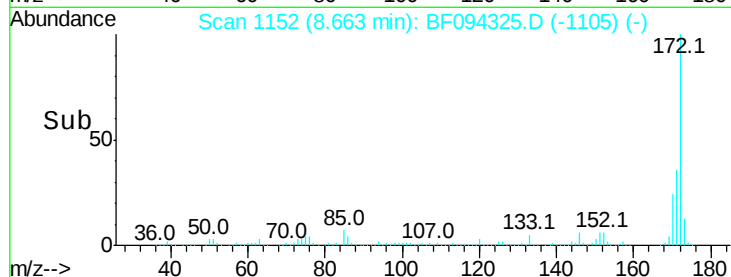
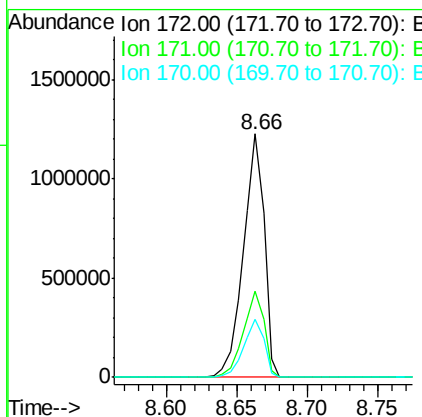
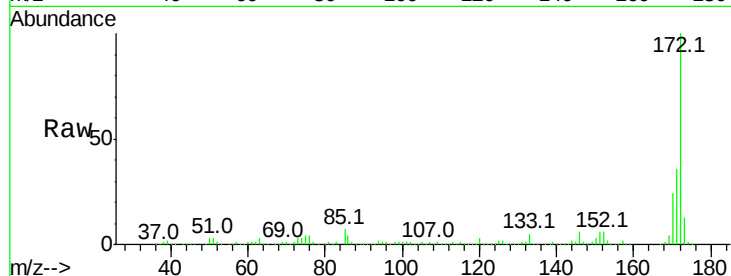
#44
2-Fluorobiphenyl
Concen: 68.85 ng
RT: 8.66 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Instrument :
BNA_F
ClientSampleId :
GRID-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.0	19.8	29.8

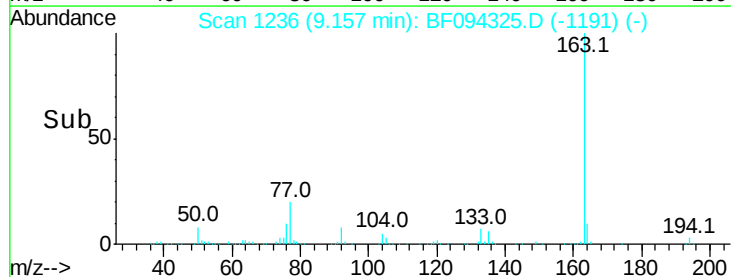
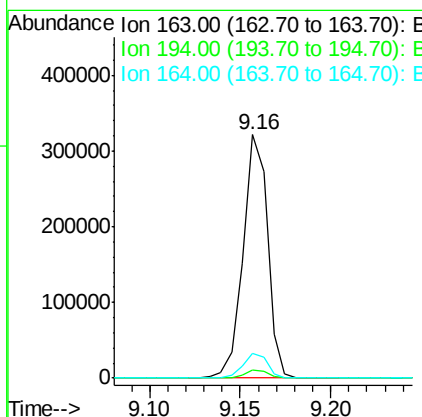
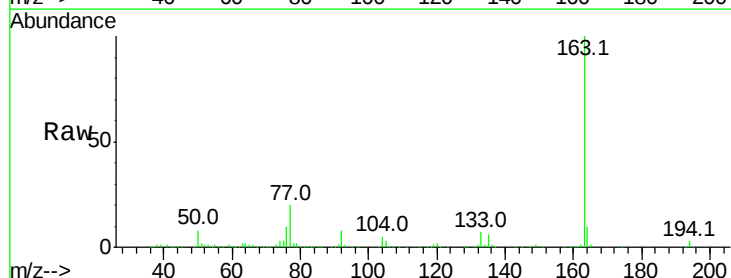
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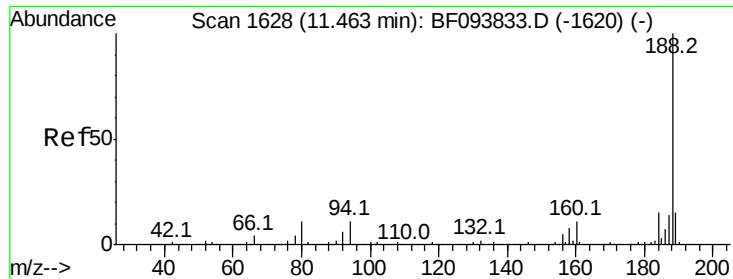
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#49
Dimethylphthalate
Concen: 15.25 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 1600

Delta R.T. -0.02 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

Instrument :

BNA_F

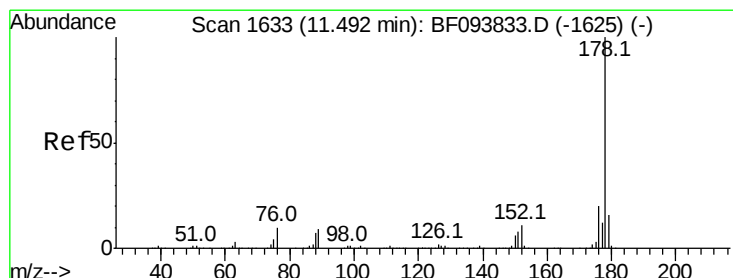
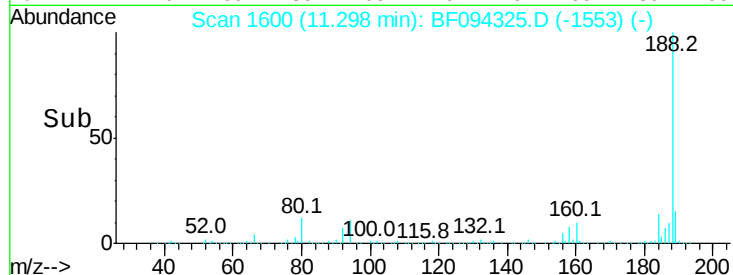
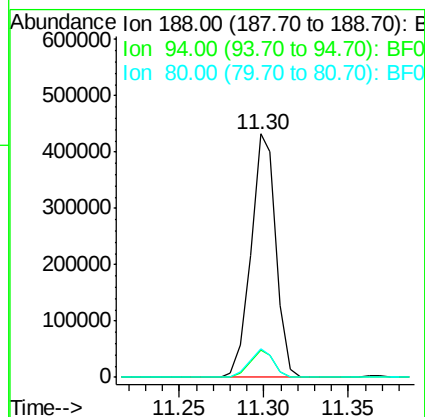
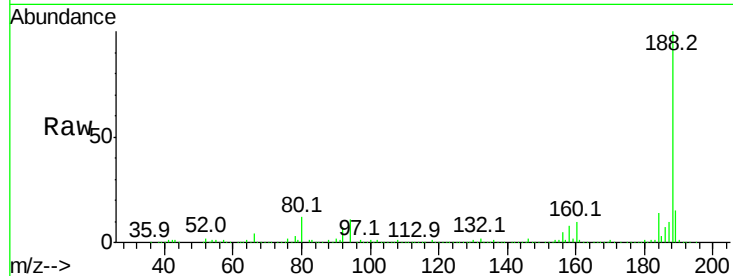
ClientSampled :

GRID-1

Tot Ion:	188	Resp:	444395
Ion Ratio	Lower	Upper	
188	100		
94	11.4	9.4	14.2
80	12.0	10.2	15.2

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#70

Phenanthrene

Concen: 2.20 ng

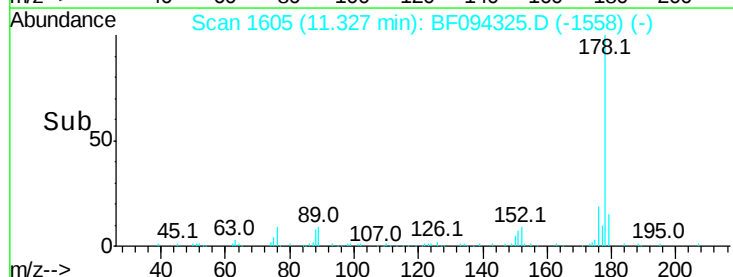
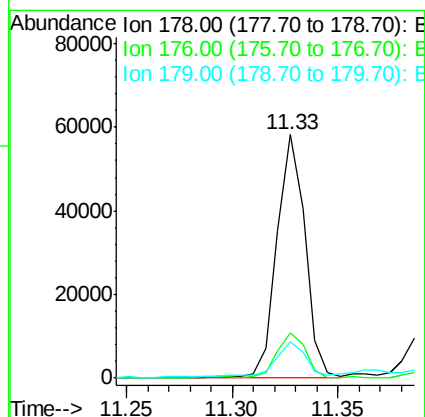
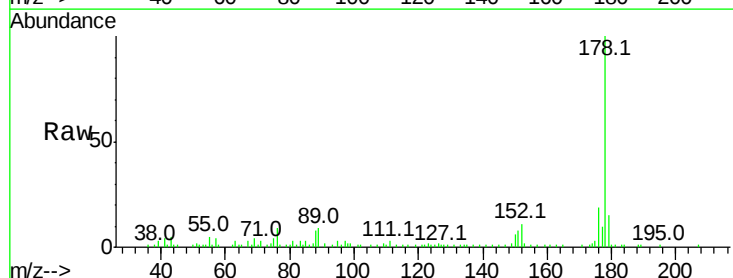
RT: 11.33 min Scan# 1605

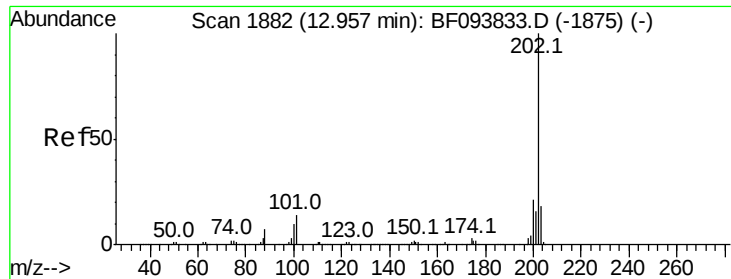
Delta R.T. -0.02 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

Tgt Ion:	178	Resp:	54423
Ion Ratio	Lower	Upper	
178	100		
176	18.5	16.2	24.4
179	14.8	12.6	19.0





#74

Fluoranthene

Concen: 3.30 ng

RT: 12.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

Instrument :

BNA_F

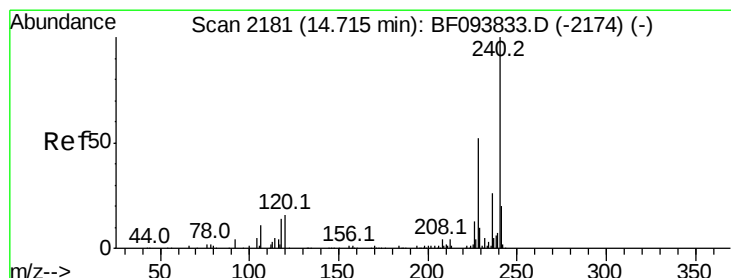
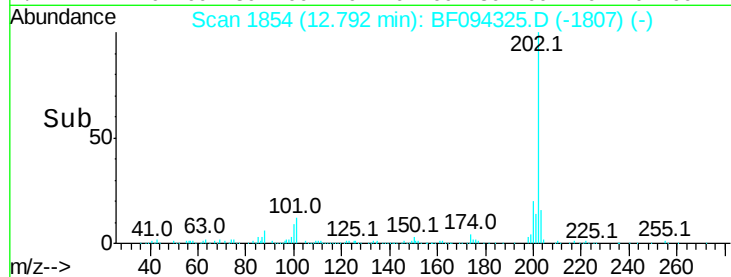
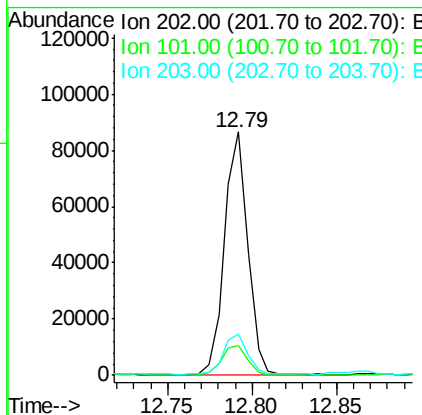
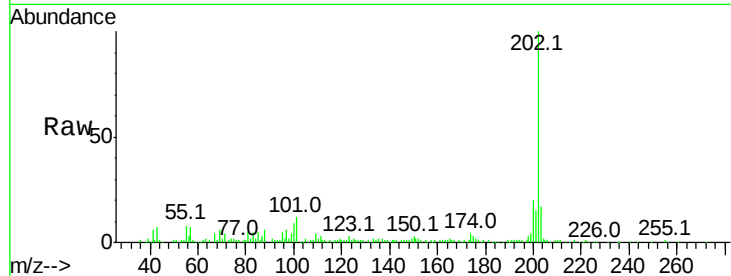
ClientSampleId :

GRID-1

Tot Ion:	202	Resp:	83566
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	33.2
203	17.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

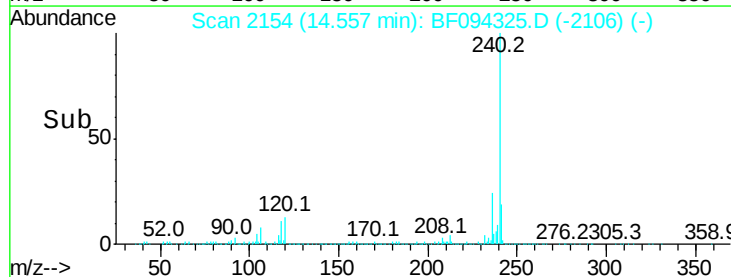
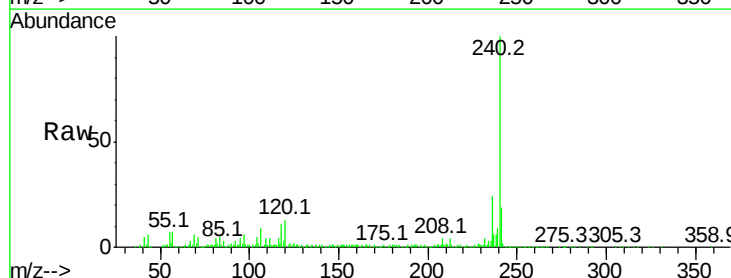
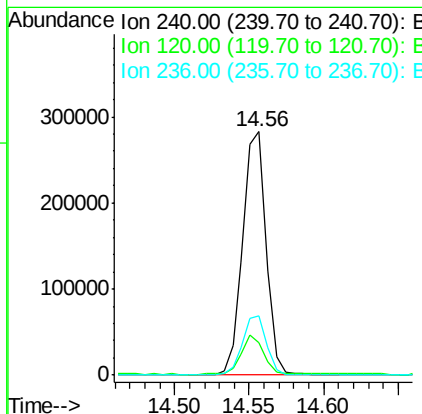
RT: 14.56 min Scan# 2154

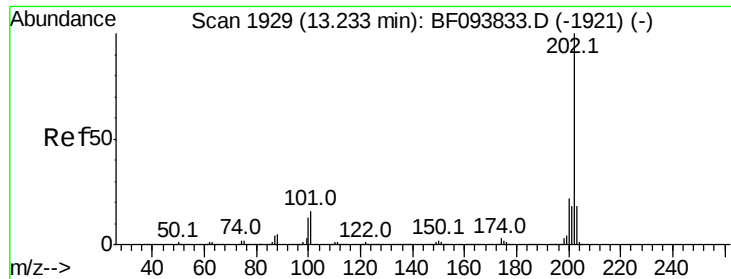
Delta R.T. -0.02 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

Tgt Ion:	240	Resp:	307136
Ion Ratio	Lower	Upper	
240	100		
120	13.4	5.8	8.8#
236	24.4	20.5	30.7





#77

Pvrene

Concen: 2.85 ng

RT: 13.07 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

Instrument :

BNA_F

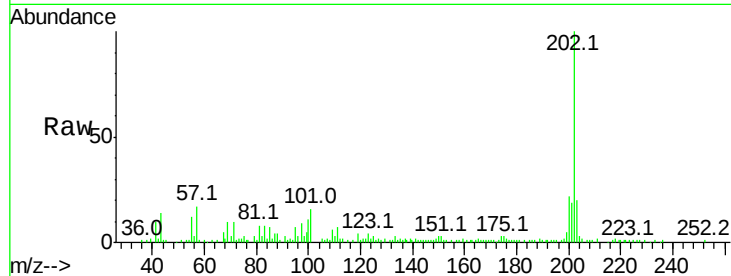
ClientSampleId :

GRID-1

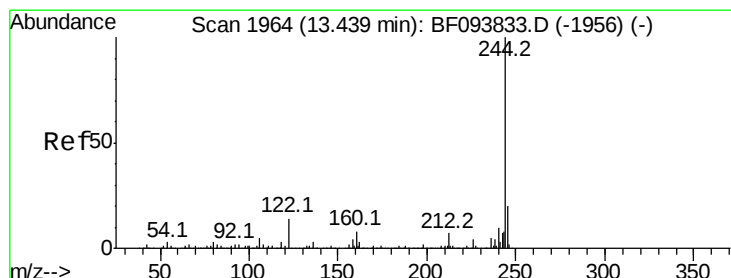
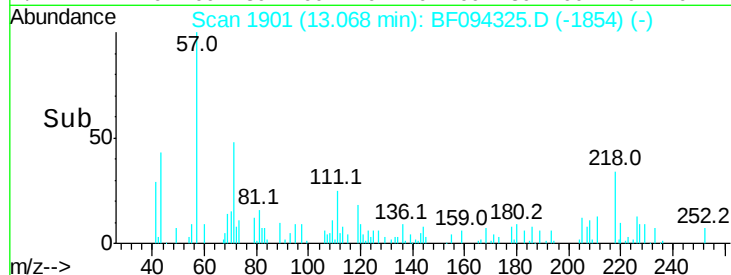
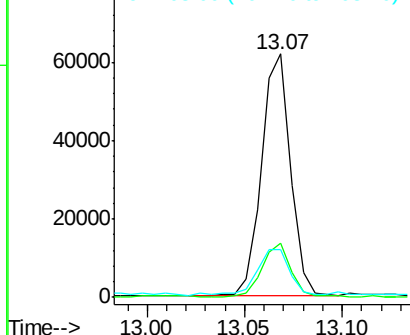
Tot Ion:	202	Resp:	63606
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.6	26.4
203	19.8	14.4	21.6

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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



#78

Terphenyl-d14

Concen: 57.78 ng

RT: 13.28 min Scan# 1937

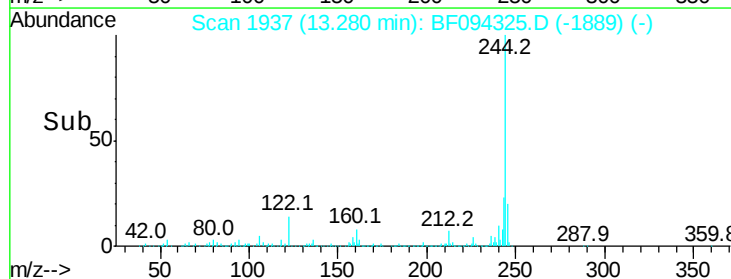
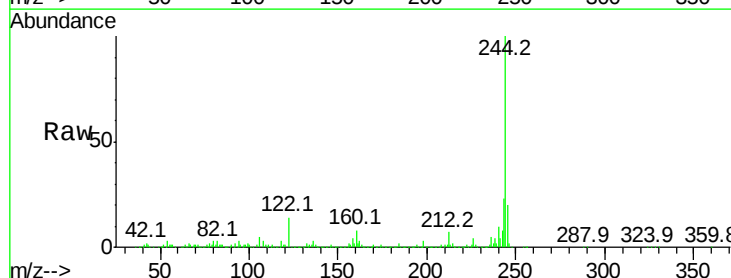
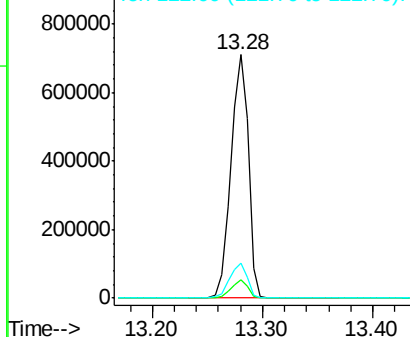
Delta R.T. -0.02 min

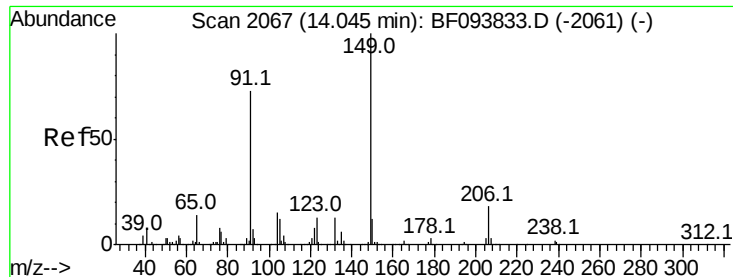
Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

Tgt Ion:	244	Resp:	791727
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	14.1	10.3	15.5

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





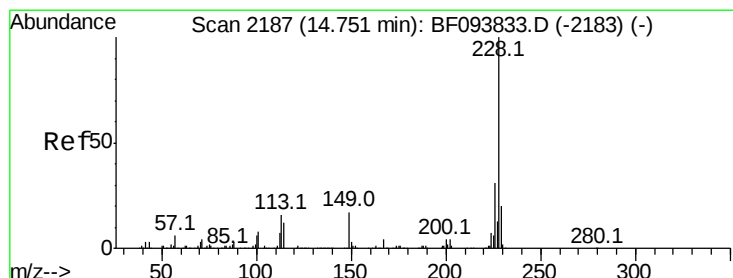
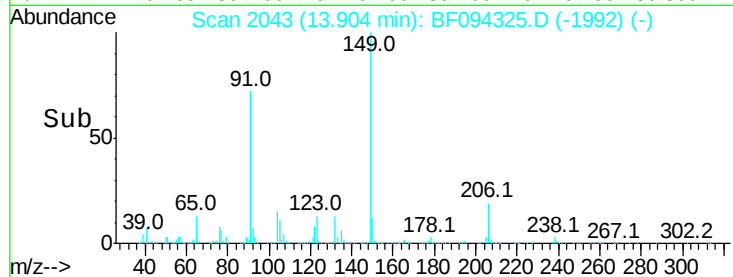
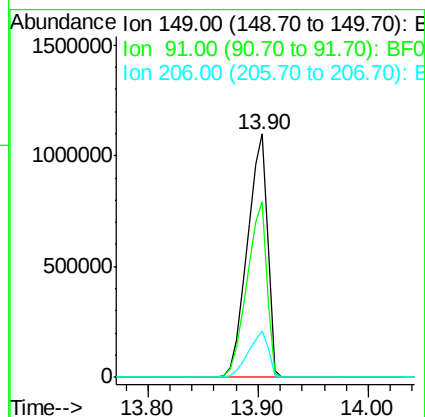
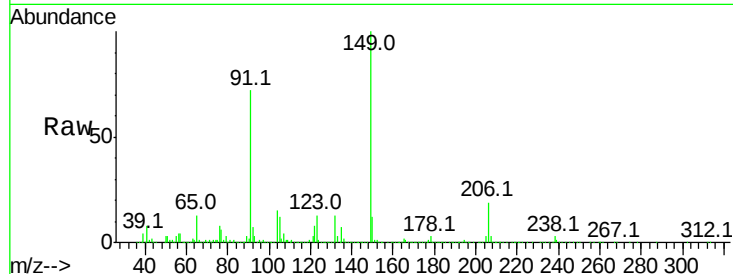
#79
Butylbenzylphthalate
Concen: 148.47 ng
RT: 13.90 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Instrument :
BNA_F
ClientSampled :
GRID-1

Tot Ion:149 Resp: 1410057
Ion Ratio Lower Upper
149 100
91 72.2 45.0 67.4#
206 19.3 17.0 25.6

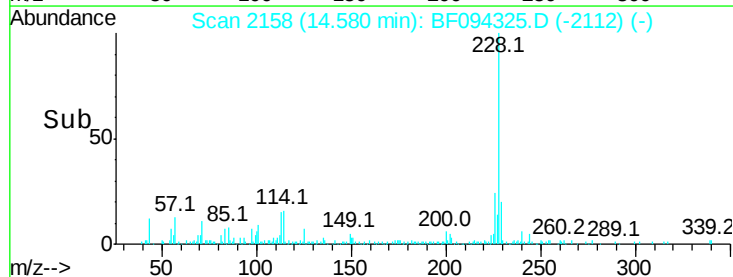
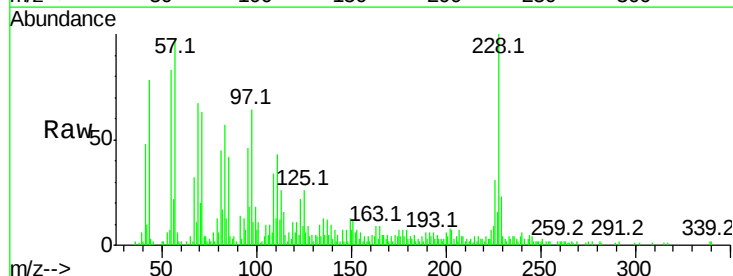
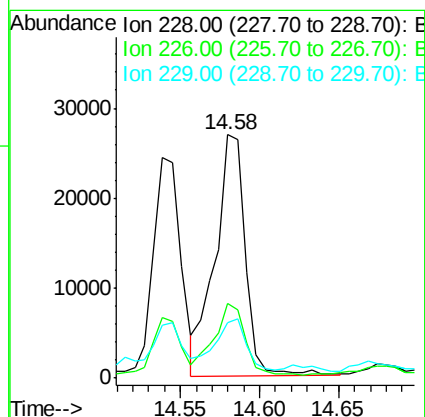
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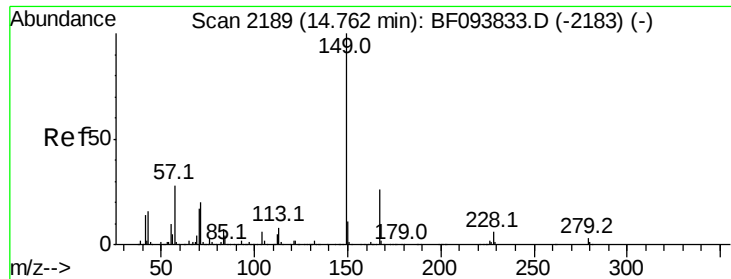
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#82
Chrysene
Concen: 2.14 ng
RT: 14.58 min Scan# 2158
Delta R.T. -0.03 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Tgt Ion:228 Resp: 35608
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 22.5 15.8 23.6





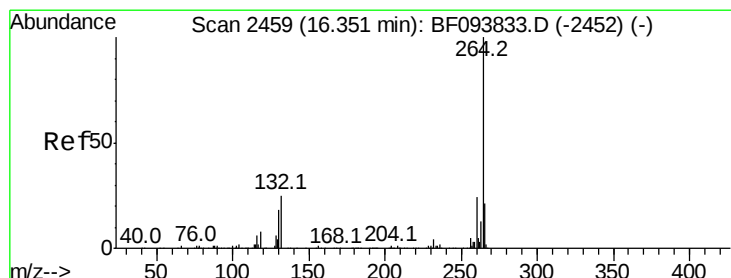
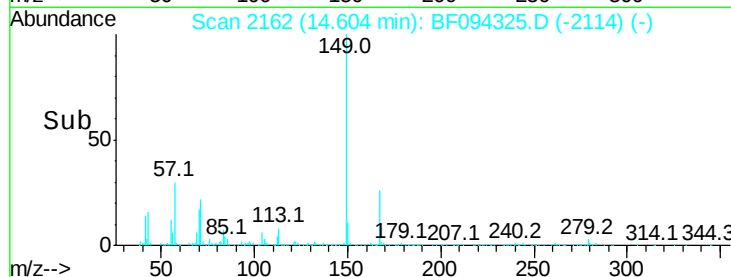
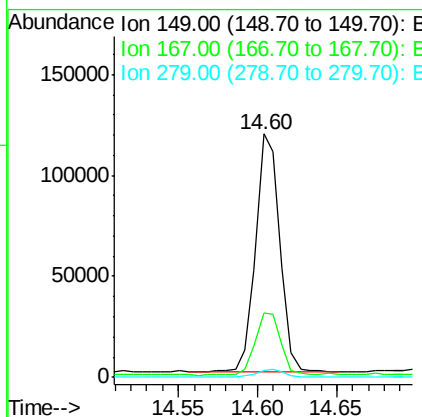
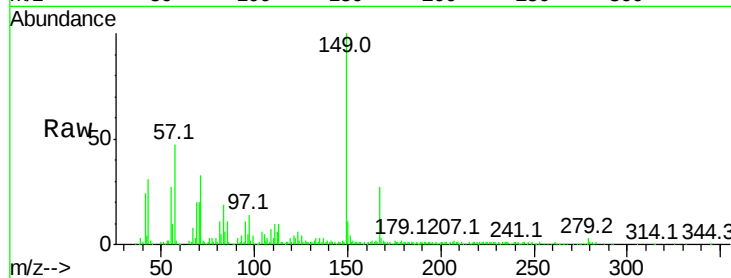
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.75 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.02 min
 Lab File: BF094325.D
 Acq: 10 Apr 2017 21:39

Instrument :
 BNA_F
 ClientSampleId :
 GRID-1

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	2.7	1.9	2.9

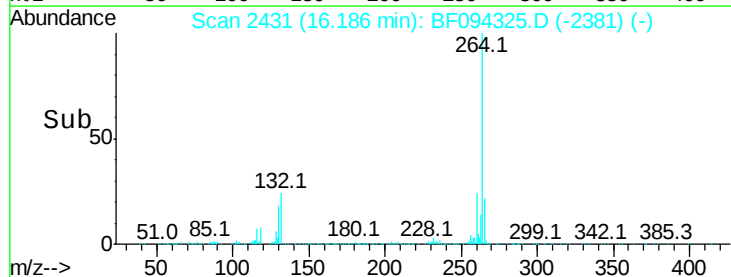
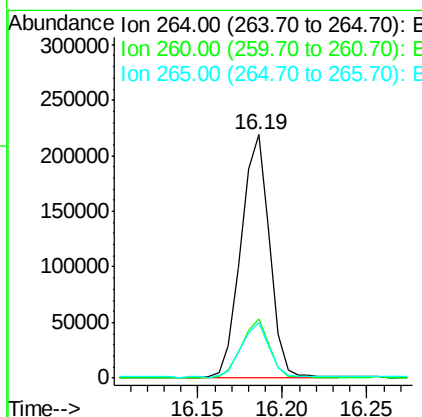
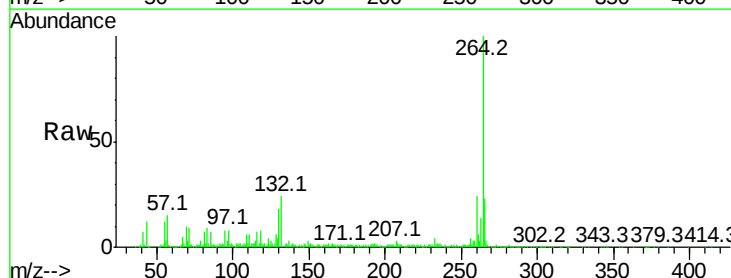
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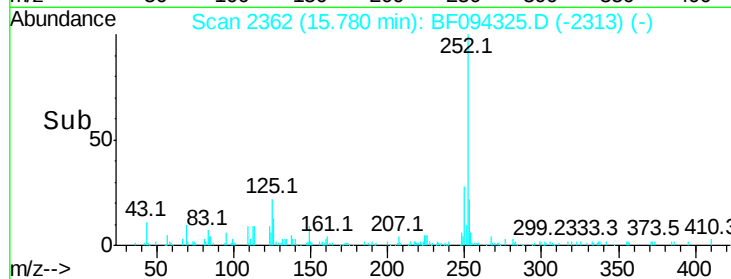
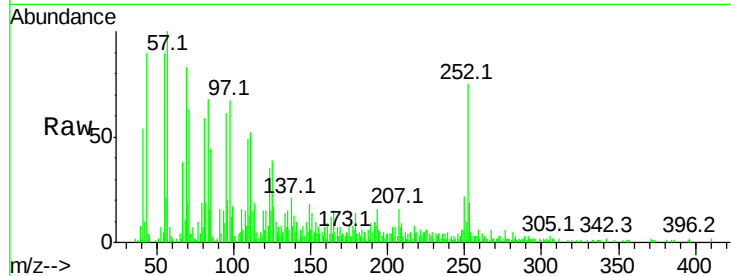
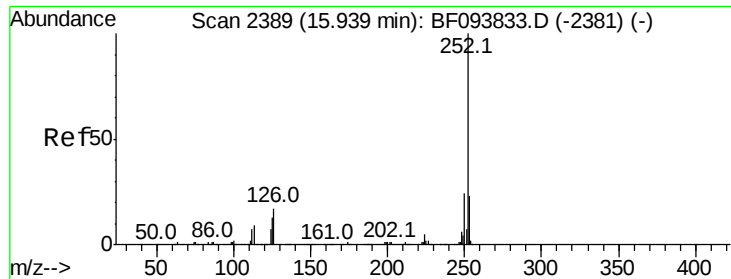
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BF094325.D
 Acq: 10 Apr 2017 21:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.19 ng m

RT: 15.78 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

Instrument :

BNA_F

ClientSampleId :

GRID-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.1	27.1
125	52.0	9.8	14.8

Manual Integrations
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