

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092574.D
 Acq On : 27 Jan 2017 13:49
 Operator : SJ/MA
 Sample : I1266-05RE
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27RE

Manual Integrations
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Quant Time: Jan 27 16:12:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	124674	20.00	ng	0.01
21) Naphthalene-d8	8.30	136	188501	20.00	ng	0.03
38) Acenaphthene-d10	10.09	164	155756	20.00	ng	0.06
63) Phenanthrene-d10	11.54	188	442619	20.00	ng	0.01
75) Chrysene-d12	14.17	240	348408	20.00	ng	0.00
86) Perylene-d12	15.65	264	326161	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	380915	47.54	ng	0.03
7) Phenol-d6	6.62	99	299699	29.36	ng	0.03
23) Nitrobenzene-d5	7.55	82	480815	139.33	ng	0.01
41) 2,4,6-Tribromophenol	10.85	330	132198	124.55	ng	0.03
44) 2-Fluorobiphenyl	9.39	172	471640	55.99	ng	0.03
78) Terphenyl-d14	13.12	244	493546	37.72	ng	0.00
Target Compounds						
10) Phenol	6.64	94	71764m	5.83	ng	Qvalue
37) 2-Methylnaphthalene	9.05	142	1335283	218.62	ng	98
70) Phenanthrene	11.56	178	125442	5.15	ng	# 95

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

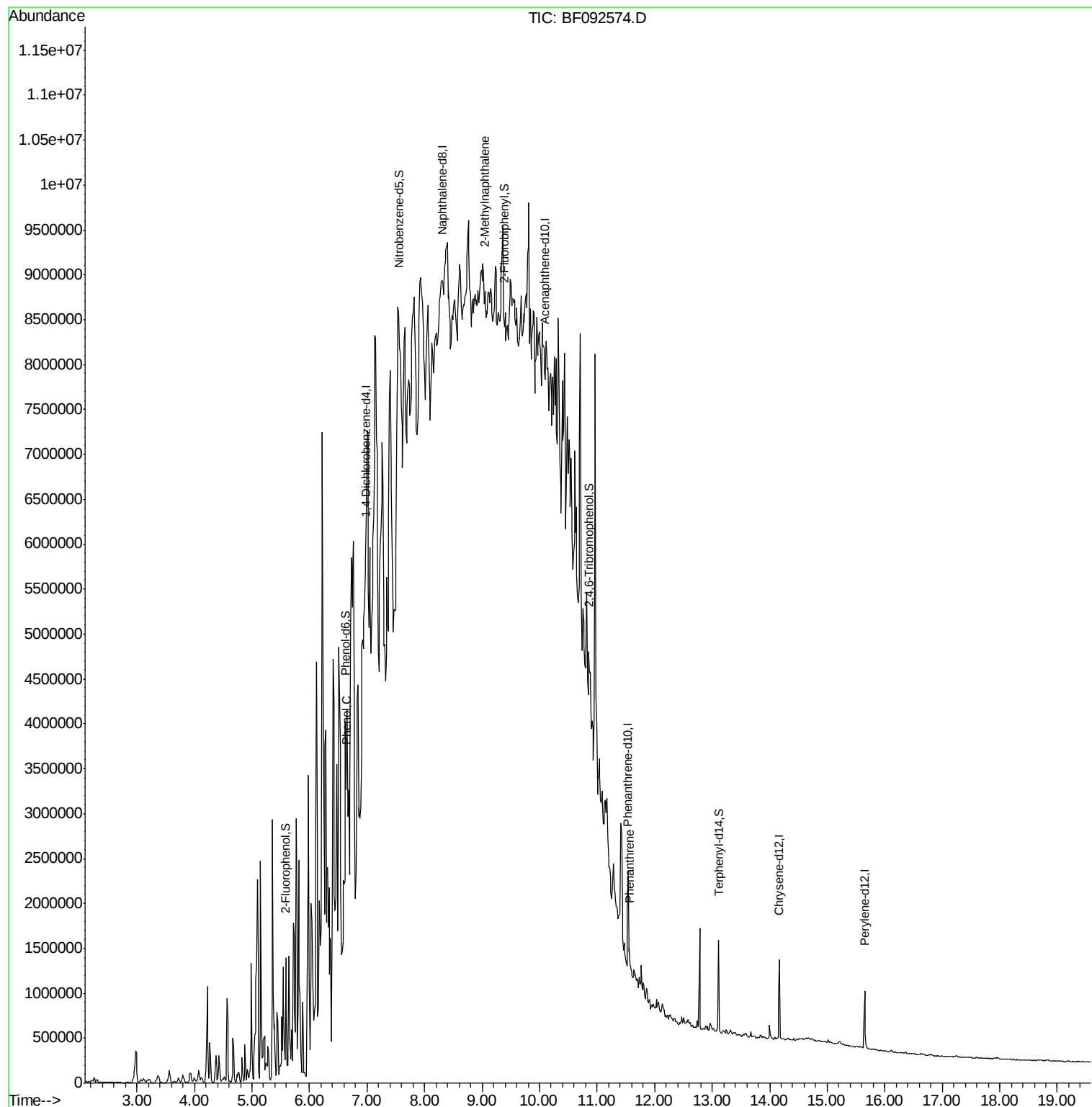
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092574.D
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ALS Vial : 59 Sample Multiplier: 1

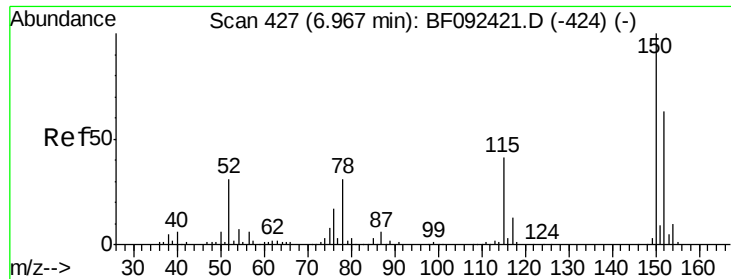
Instrument :
BNA_F
ClientSampleId :
MW-27RE

Quant Time: Jan 27 16:12:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF092574.D

Acq: 27 Jan 2017 13:49

Instrument :

BNA_F

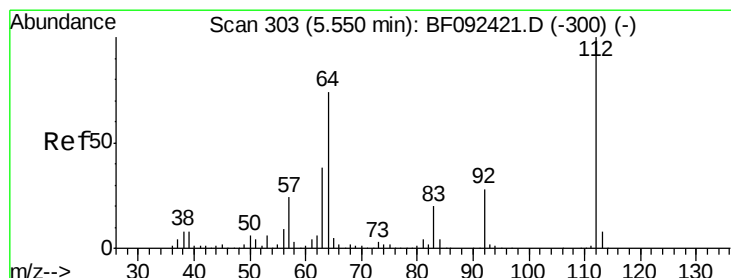
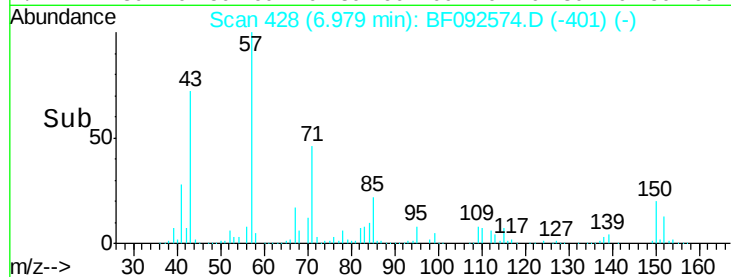
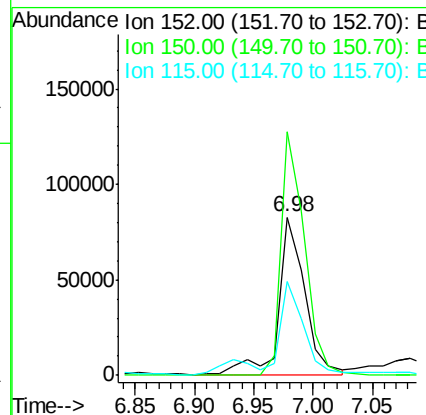
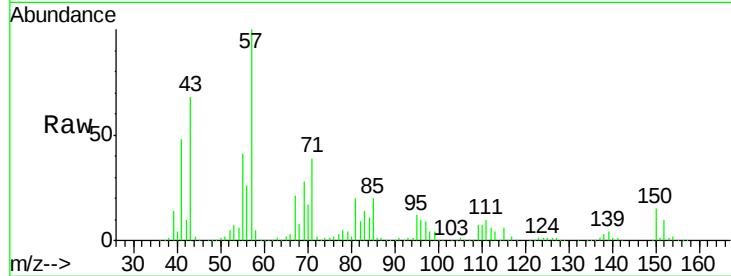
ClientSampleId :

MW-27RE

Tot Ion:	152	Resp:	124674
Ion Ratio	Lower	Upper	
152	100		
150	154.1	124.9	187.3
115	59.0	46.0	69.0

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#5

2-Fluorophenol

Concen: 47.54 ng

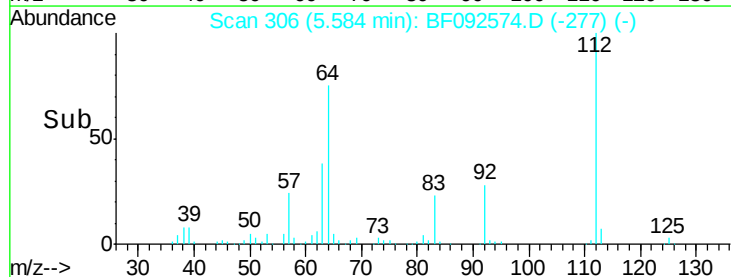
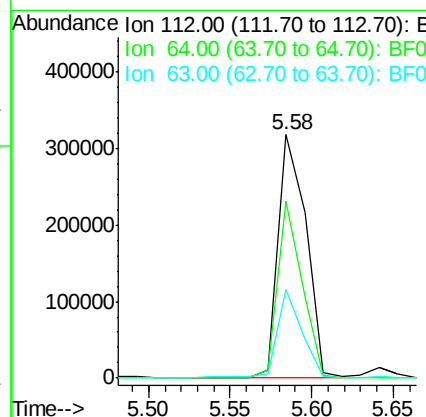
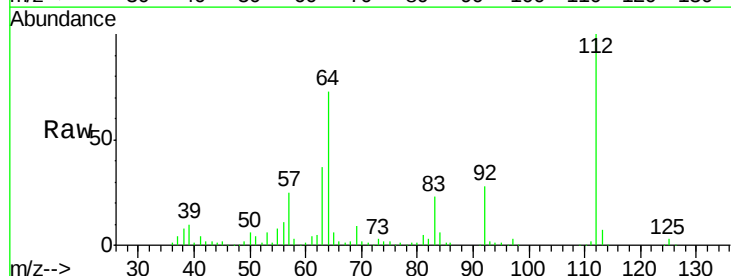
RT: 5.58 min Scan# 306

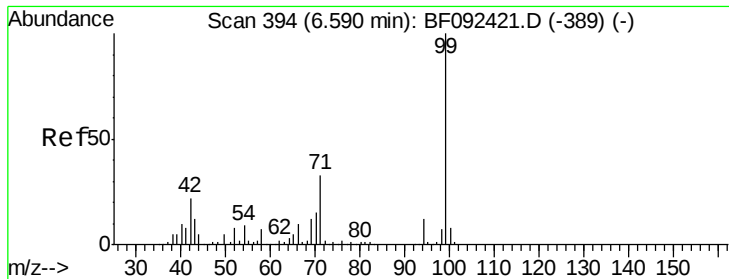
Delta R.T. 0.03 min

Lab File: BF092574.D

Acq: 27 Jan 2017 13:49

Tgt Ion:	112	Resp:	380915
Ion Ratio	Lower	Upper	
112	100		
64	72.8	46.1	69.1#
63	36.7	23.8	35.6#





#7

Phenol-d6

Concen: 29.36 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092574.D

Acq: 27 Jan 2017 13:49

Instrument :

BNA_F

ClientSampleId :

MW-27RE

Tot Ion: 99 Resp: 299699

Ion Ratio Lower Upper

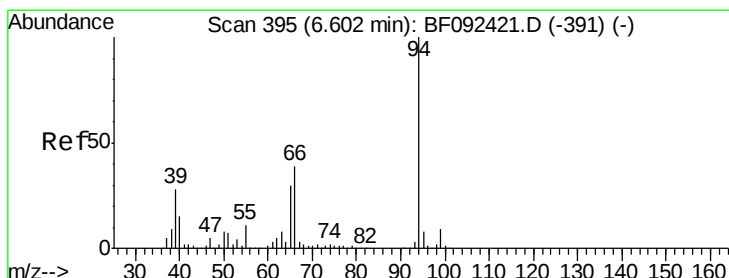
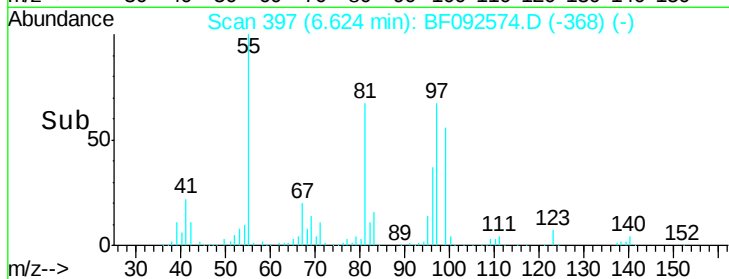
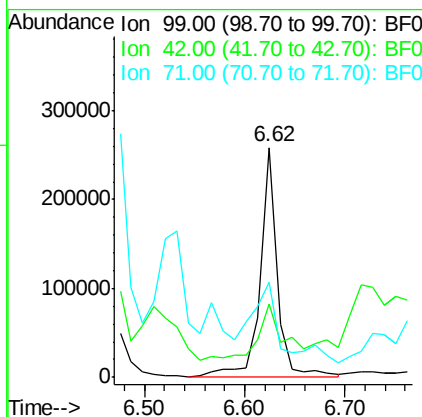
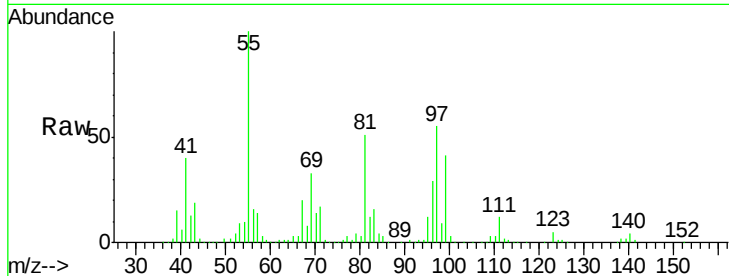
99 100

42 32.2 15.6 23.4#

71 41.2 27.5 41.3

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#10

Phenol

Concen: 5.83 ng m

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092574.D

Acq: 27 Jan 2017 13:49

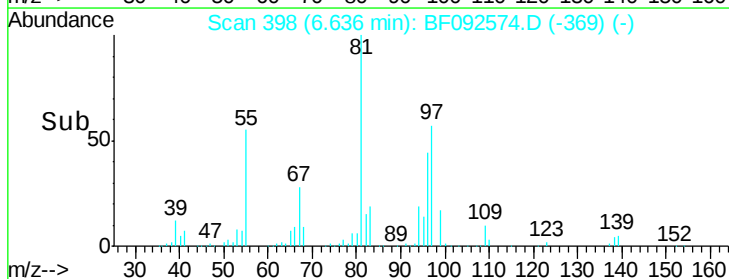
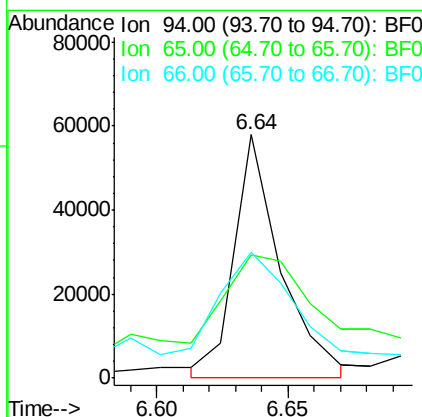
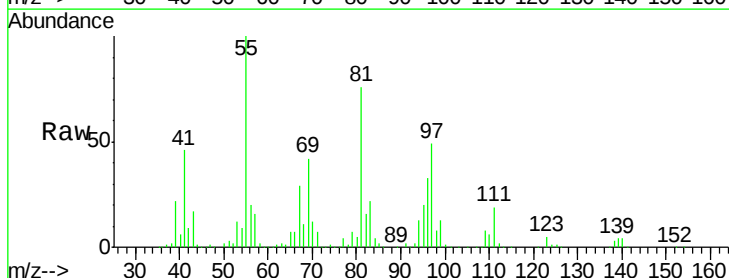
Tgt Ion: 94 Resp: 71764

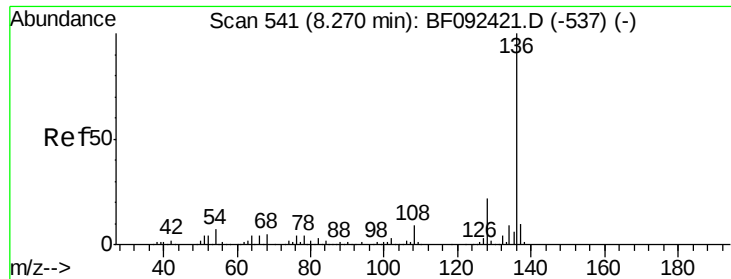
Ion Ratio Lower Upper

94 100

65 50.8 21.4 61.4

66 51.5 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 544

Delta R.T. 0.03 min

Lab File: BF092574.D

Acq: 27 Jan 2017 13:49

Instrument :

BNA_F

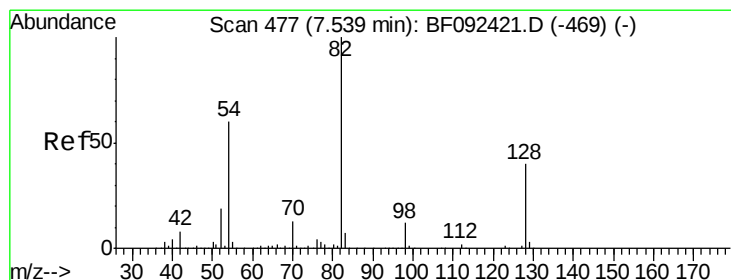
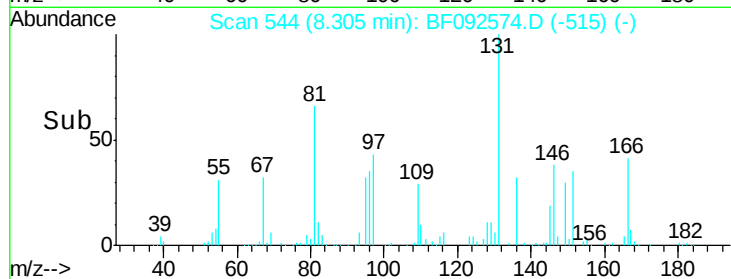
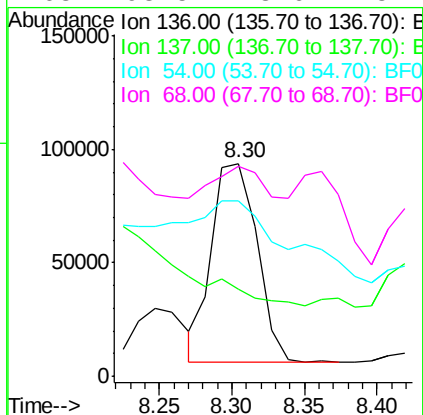
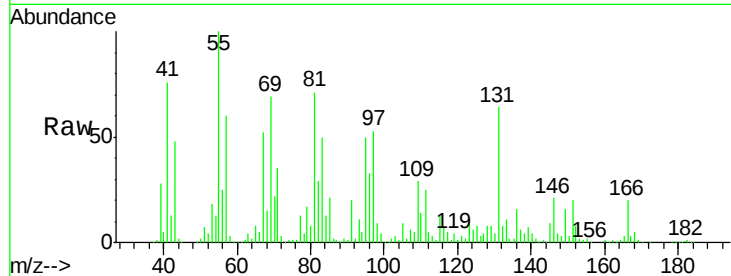
ClientSampleId :

MW-27RE

Tot Ion	Ratio	Resp	Lower	Upper
136	100	188501		
137	41.1	8.4	12.6#	
54	82.1	4.5	6.7#	
68	98.5	3.6	5.4#	

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#23

Nitrobenzene-d5

Concen: 139.33 ng

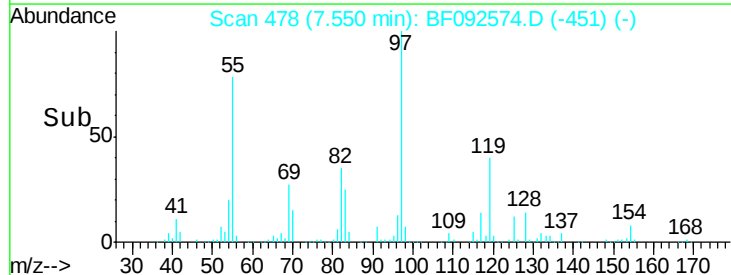
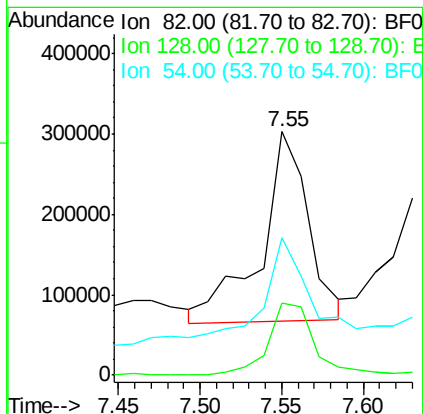
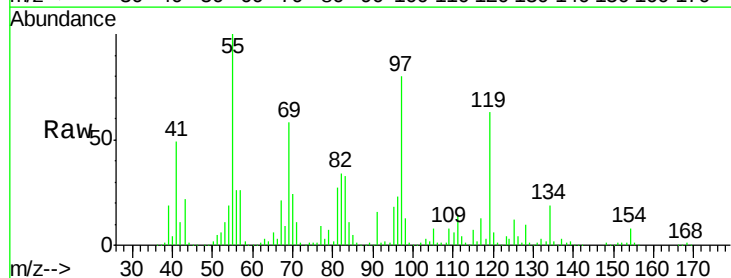
RT: 7.55 min Scan# 478

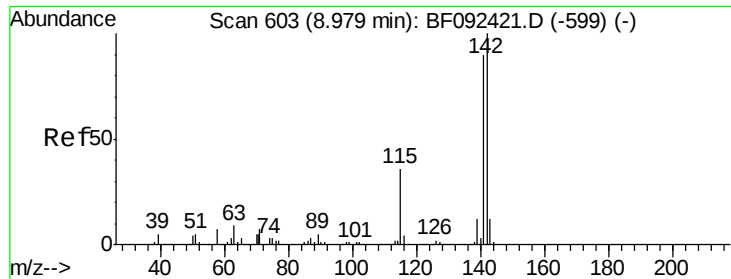
Delta R.T. 0.01 min

Lab File: BF092574.D

Acq: 27 Jan 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	480815		
128	29.4	34.6	52.0#	
54	56.6	39.5	59.3	





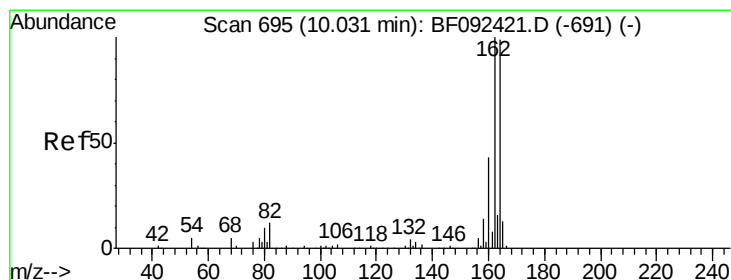
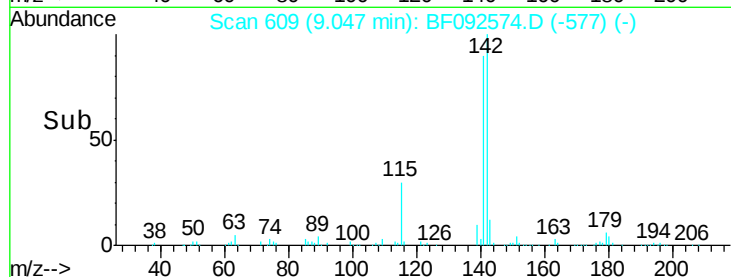
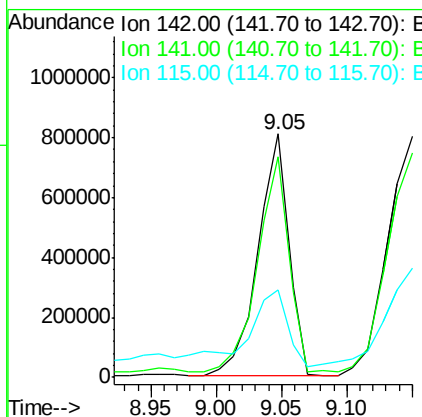
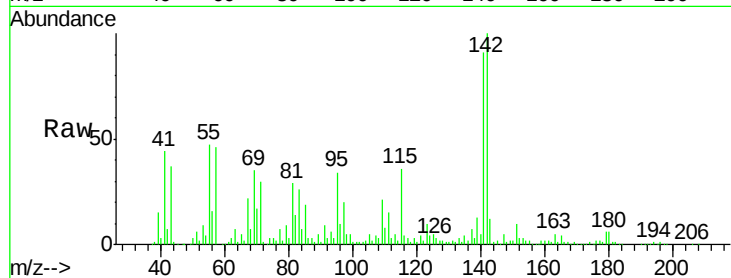
#37
2-Methylnaphthalene
Concen: 218.62 ng
RT: 9.05 min Scan# 609
Delta R.T. 0.07 min
Lab File: BF092574.D
Acq: 27 Jan 2017 13:49

Instrument :
BNA_F
ClientSampleId :
MW-27RE

Tot Ion:142 Resp: 1335283
Ion Ratio Lower Upper
142 100
141 90.8 71.0 106.6
115 36.2 28.3 42.5

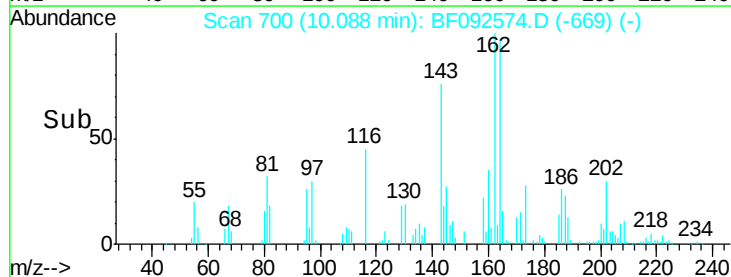
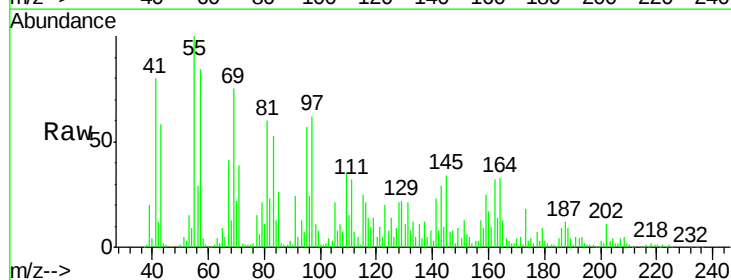
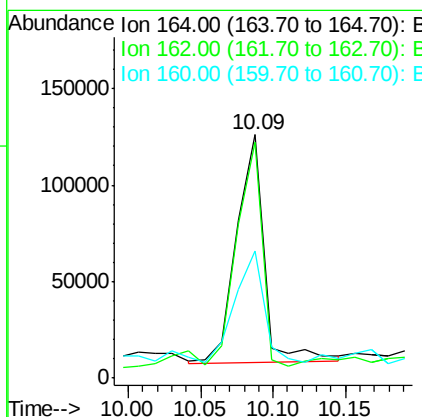
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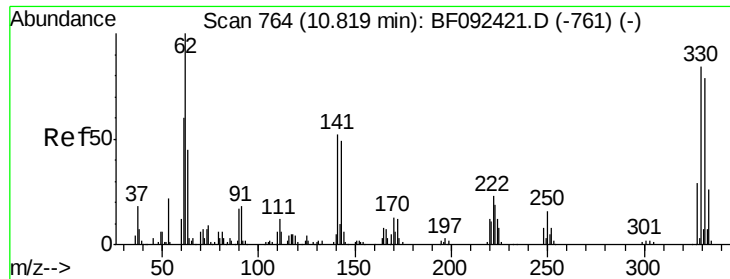
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.06 min
Lab File: BF092574.D
Acq: 27 Jan 2017 13:49

Tgt Ion:164 Resp: 155756
Ion Ratio Lower Upper
164 100
162 96.9 80.2 120.2
160 52.4 36.9 55.3





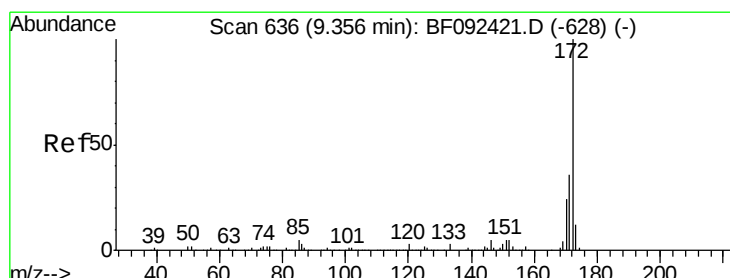
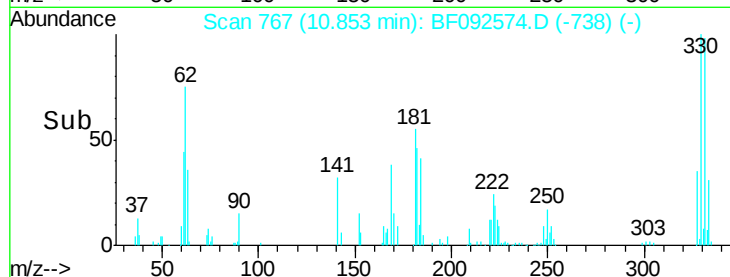
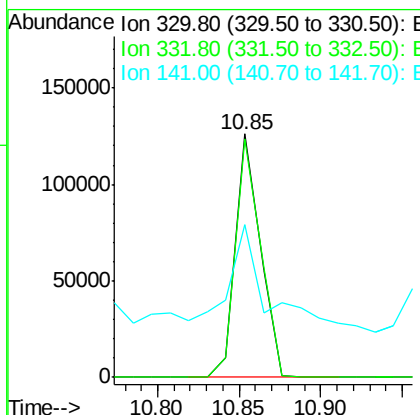
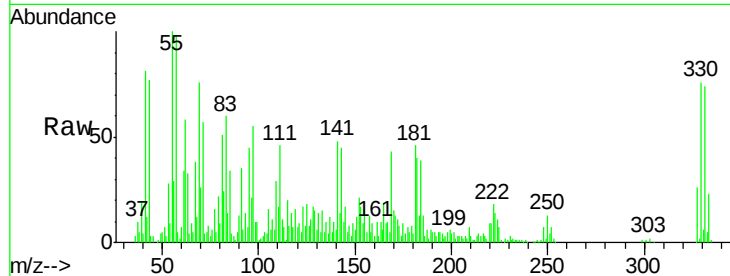
#41
 2,4,6-Tribromophenol
 Concen: 124.55 ng
 RT: 10.85 min Scan# 767
 Delta R.T. 0.03 min
 Lab File: BF092574.D
 Acq: 27 Jan 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-27RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.4	116.2
141	70.7	34.1	51.1

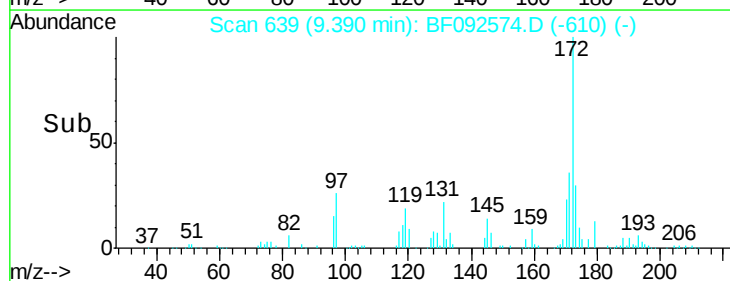
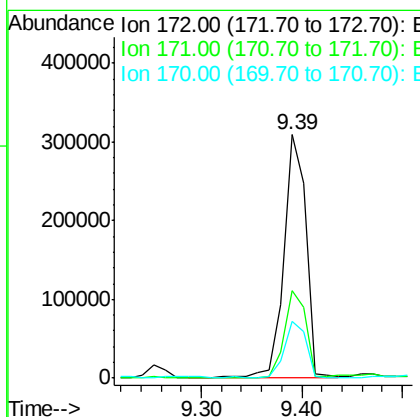
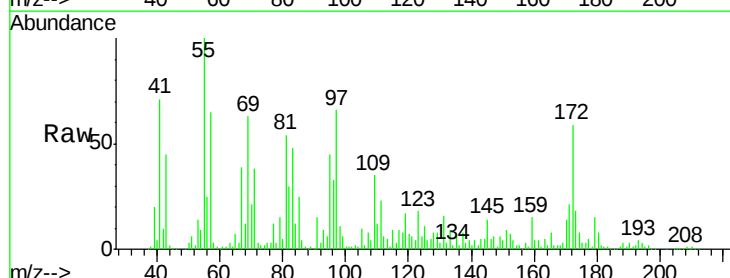
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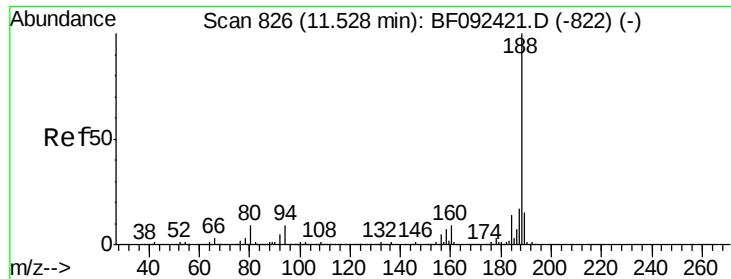
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#44
 2-Fluorobiphenyl
 Concen: 55.99 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.03 min
 Lab File: BF092574.D
 Acq: 27 Jan 2017 13:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.2	20.2	30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.54 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF092574.D

Acq: 27 Jan 2017 13:49

Instrument :

BNA_F

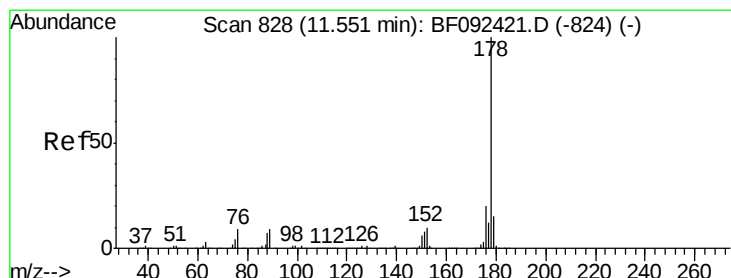
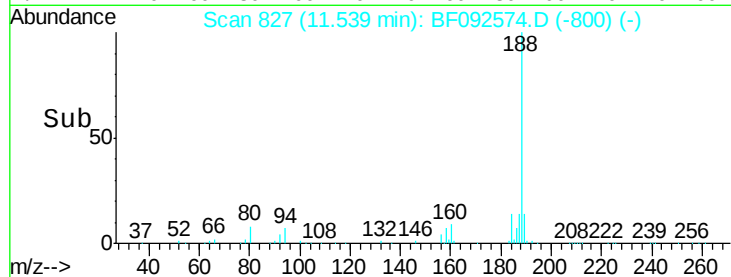
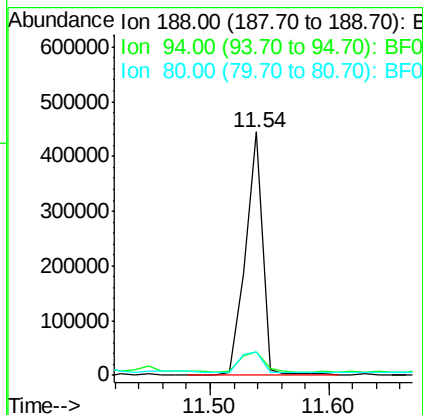
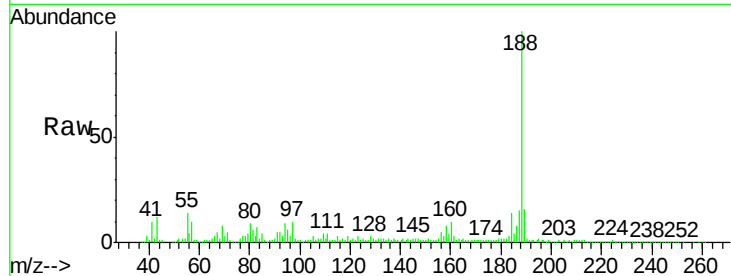
ClientSampleId :

MW-27RE

Tot Ion:	188	Resp:	442619
Ion Ratio	Lower	Upper	
188	100		
94	9.4	10.0	15.0#
80	9.5	11.2	16.8#

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#70

Phenanthrene

Concen: 5.15 ng

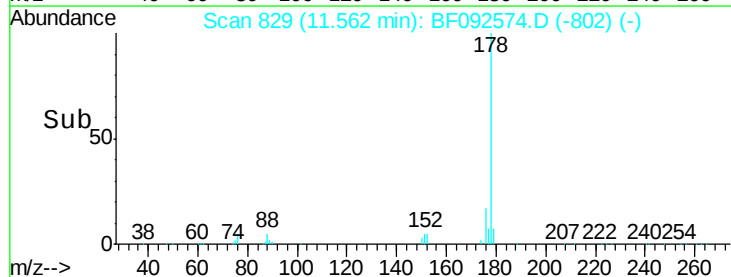
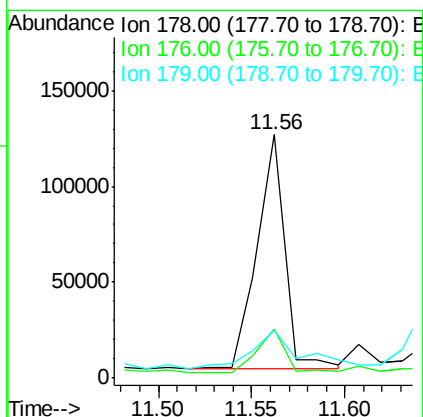
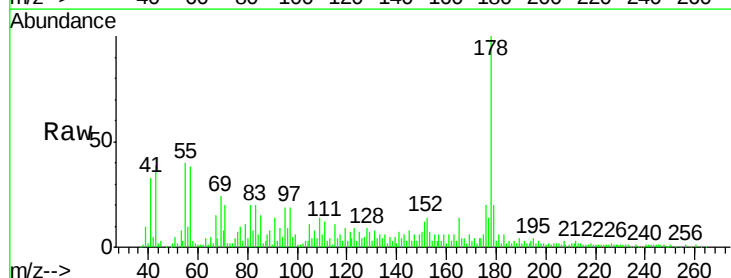
RT: 11.56 min Scan# 829

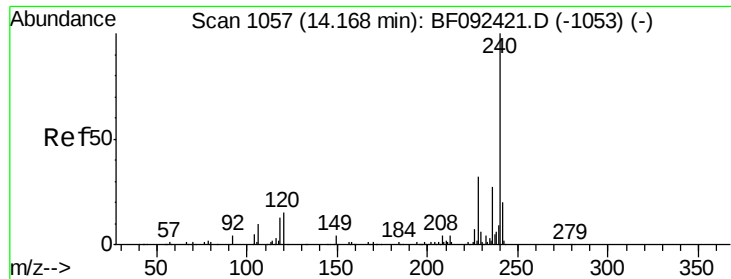
Delta R.T. 0.01 min

Lab File: BF092574.D

Acq: 27 Jan 2017 13:49

Tgt Ion:	178	Resp:	125442
Ion Ratio	Lower	Upper	
178	100		
176	20.0	16.6	25.0
179	19.5	12.8	19.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092574.D

Acq: 27 Jan 2017 13:49

Instrument :

BNA_F

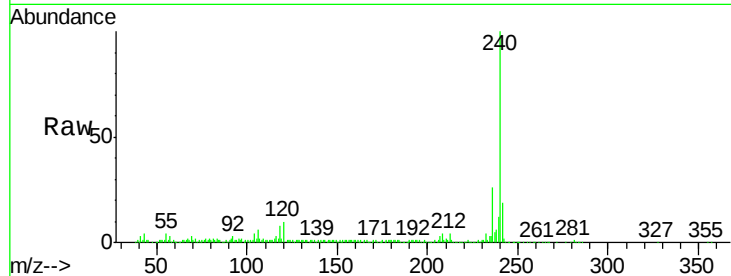
ClientSampled :

MW-27RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.9	19.3#
236	25.9	20.9	31.3

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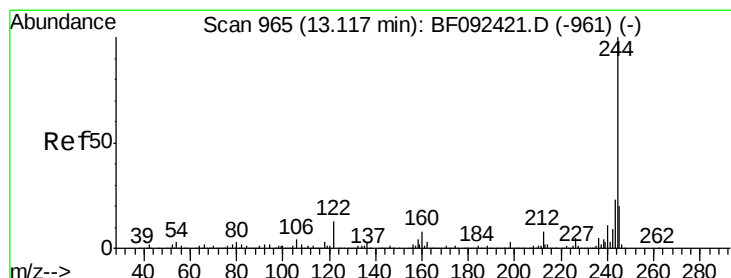
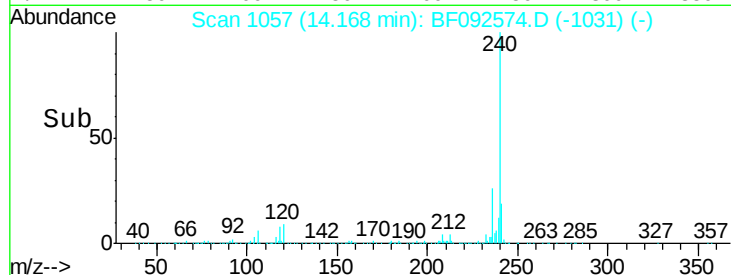
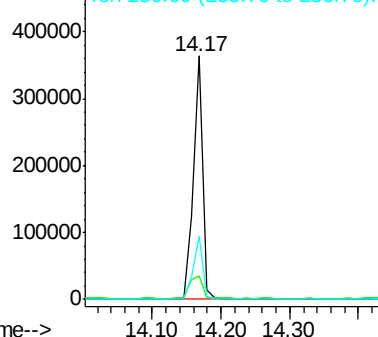
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 37.72 ng

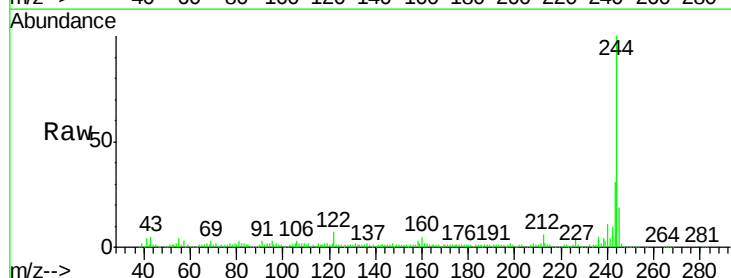
RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092574.D

Acq: 27 Jan 2017 13:49

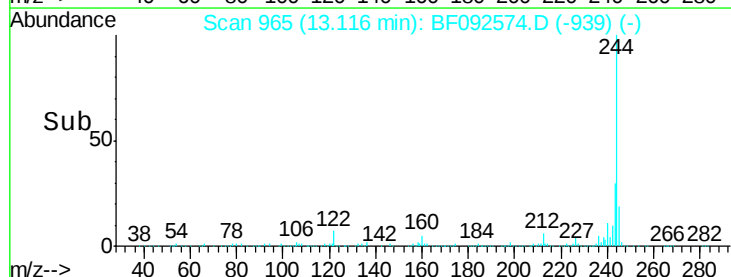
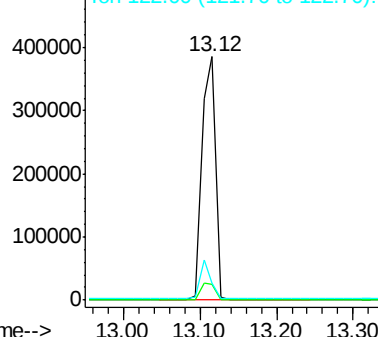
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.2	9.2
122	7.1	11.4	17.2#

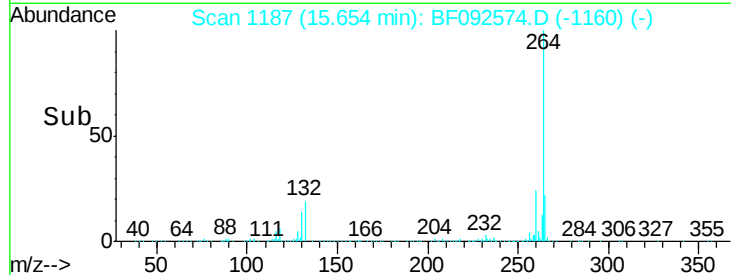
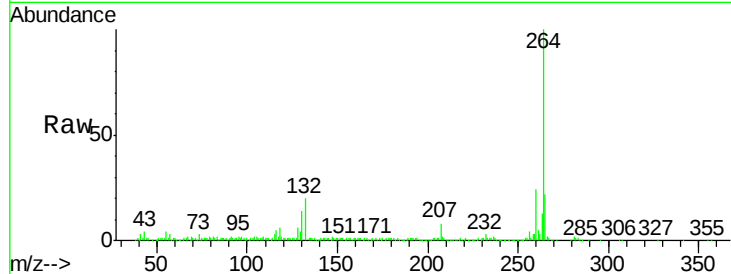
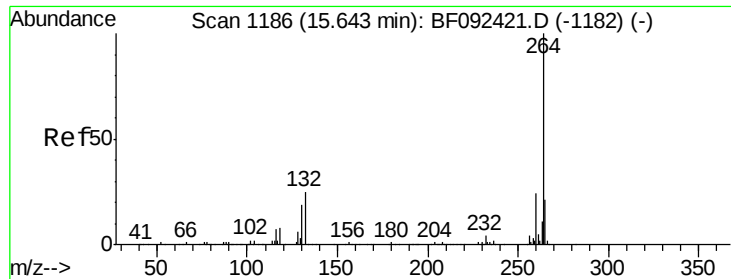


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092574.D
Acq: 27 Jan 2017 13:49

Instrument :
BNA_F
ClientSampleId :
MW-27RE

Tot Ion:	264	Resp:	326161
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	22.0	17.4	26.0

Manual Integrations
APPROVED

mohammad
1/27/2017 5:32:43 PM

