

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090360.D
 Acq On : 4 Oct 2016 23:39
 Operator : UM/SJ
 Sample : H4869-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-08

Manual Integrations
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Quant Time: Oct 05 04:05:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	224838	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	806959	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	361389	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	663008	20.00	ng	0.00
75) Chrysene-d12	14.20	240	608788	20.00	ng	0.00
86) Perylene-d12	15.71	264	488477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	2076574	145.67	ng	0.02
7) Phenol-d6	6.63	99	2307935	129.52	ng	0.00
23) Nitrobenzene-d5	7.57	82	1442829	104.22	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	520835	165.94	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1870493	84.39	ng	0.00
78) Terphenyl-d14	13.14	244	1465903	56.06	ng	0.00
Target Compounds						
10) Phenol	6.65	94	67964	3.14	ng	Qvalue 92
22) Acetophenone	7.41	105	228377	12.22	ng	# 93
49) Dimethylphthalate	9.77	163	799401	37.37	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	53021	2.16	ng	# 91
87) Benzo(b)fluoranthene	15.26	252	80540m	2.87	ng	

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

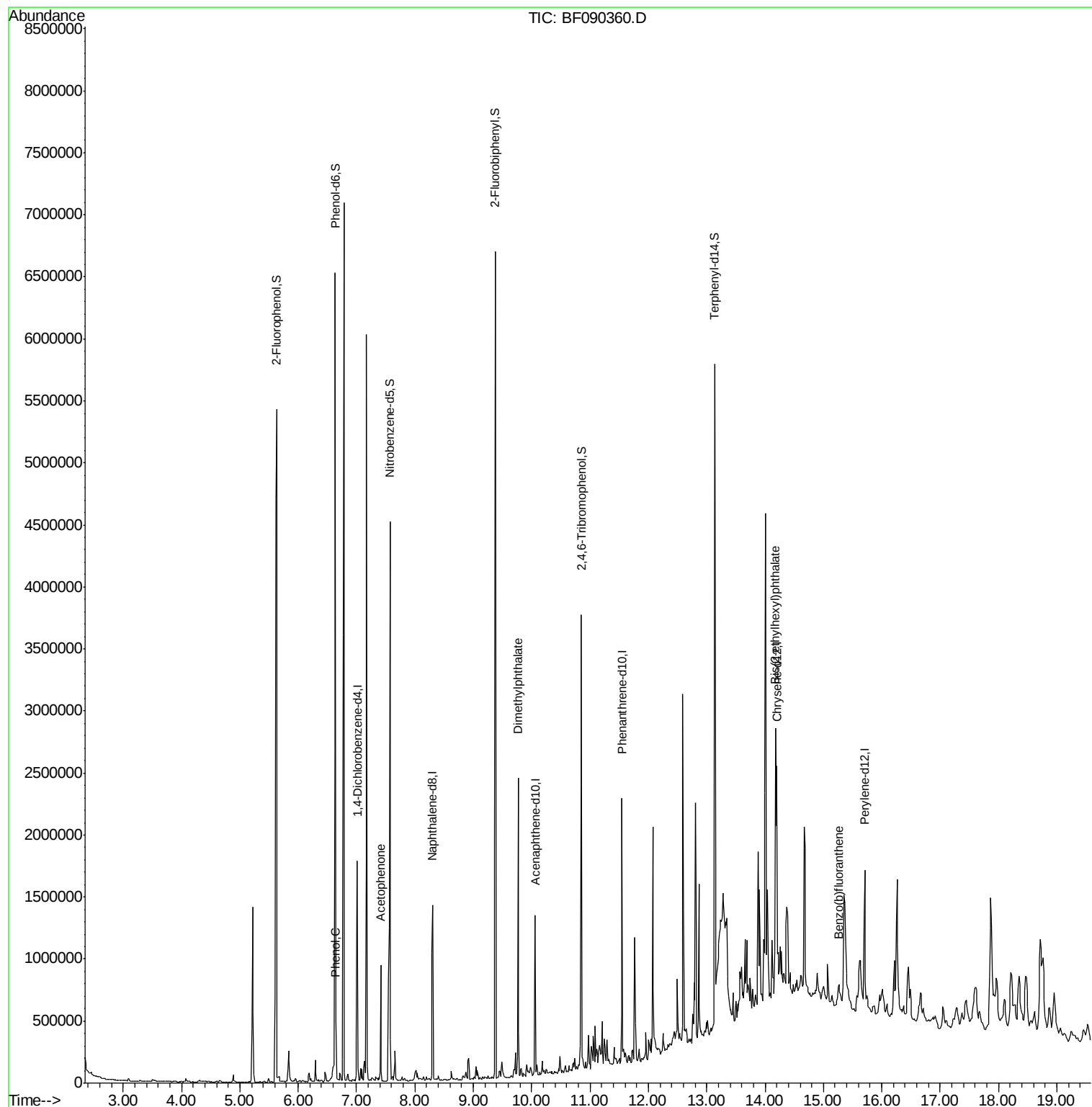
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090360.D
Acq On : 4 Oct 2016 23:39
Operator : UM/SJ
Sample : H4869-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

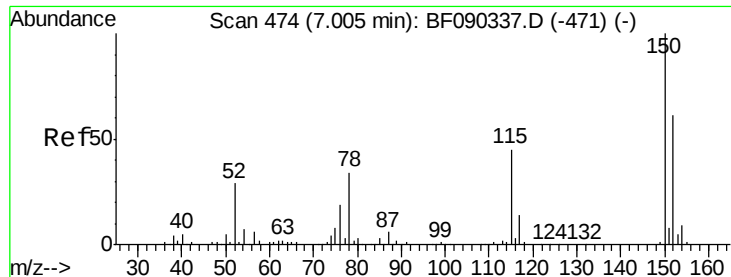
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
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QLast Update : Tue Oct 04 14:16:07 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF090360.D

Acq: 4 Oct 2016 23:39

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-08

Tgt Ion:152 Resp: 224838

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

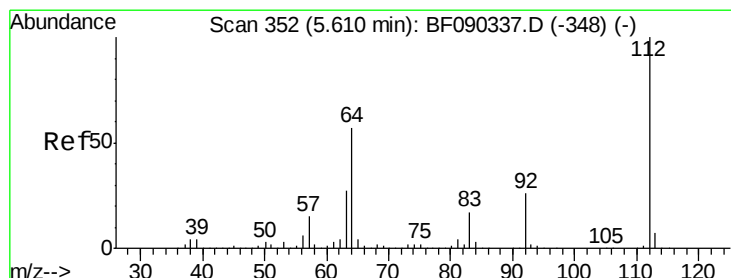
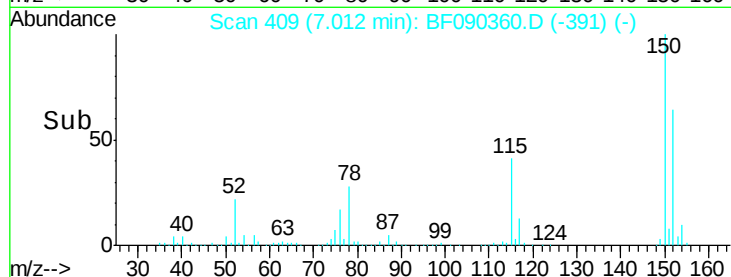
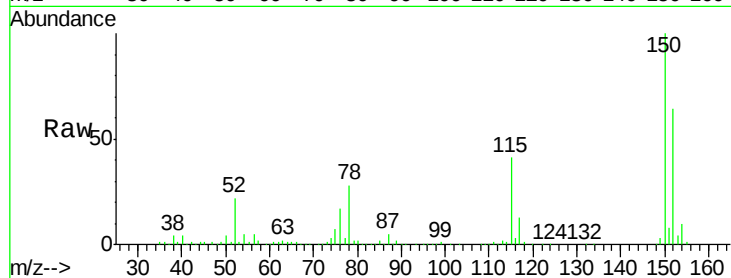
115 64.7 46.2 69.4

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#5

2-Fluorophenol

Concen: 145.67 ng

RT: 5.63 min Scan# 288

Delta R.T. 0.02 min

Lab File: BF090360.D

Acq: 4 Oct 2016 23:39

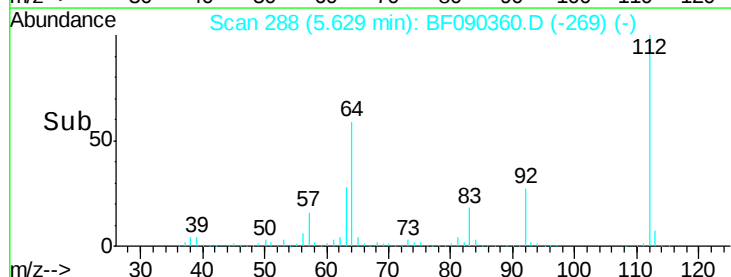
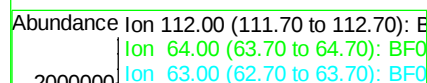
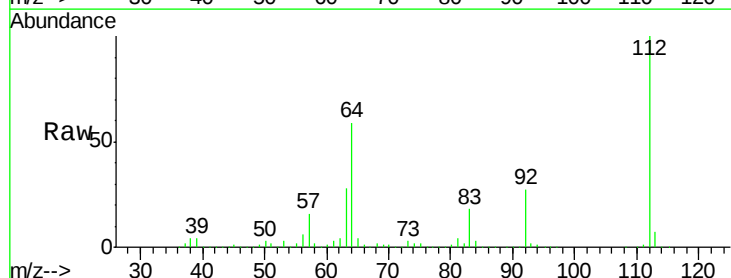
Tgt Ion:112 Resp: 2076574

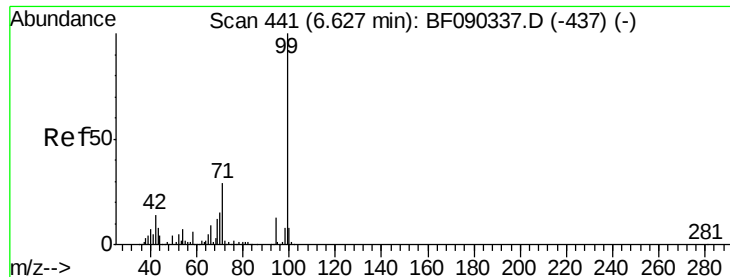
Ion Ratio Lower Upper

112 100

64 58.9 57.9 86.9

63 28.2 29.6 44.4#





#7

Phenol-d6

Concen: 129.52 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090360.D

Acq: 4 Oct 2016 23:39

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 2307935

Ion Ratio Lower Upper

99 100

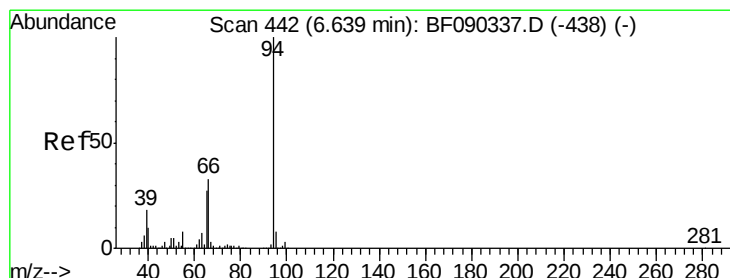
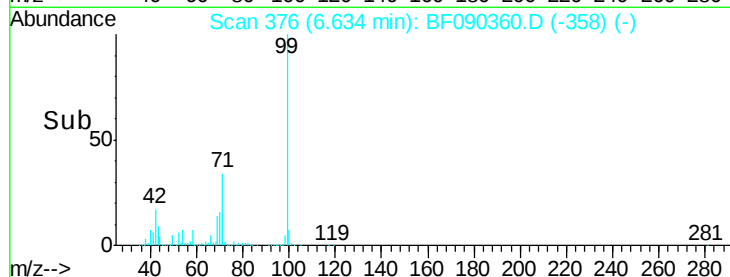
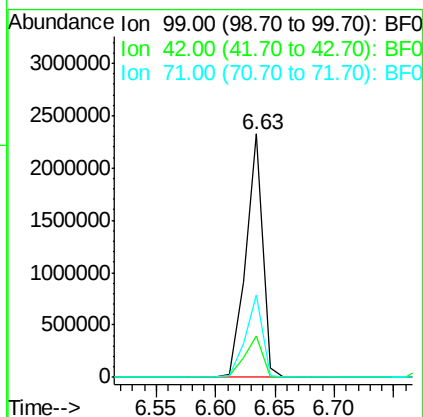
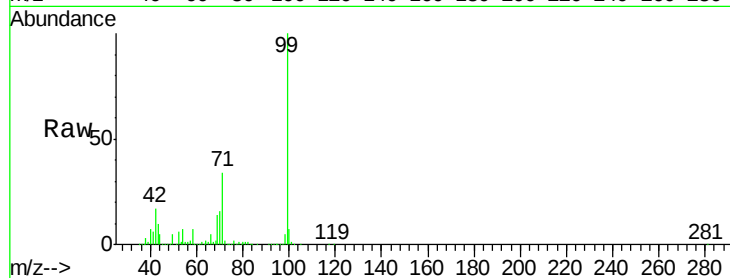
42 17.2 20.0 30.0#

71 33.7 27.9 41.9

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#10

Phenol

Concen: 3.14 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090360.D

Acq: 4 Oct 2016 23:39

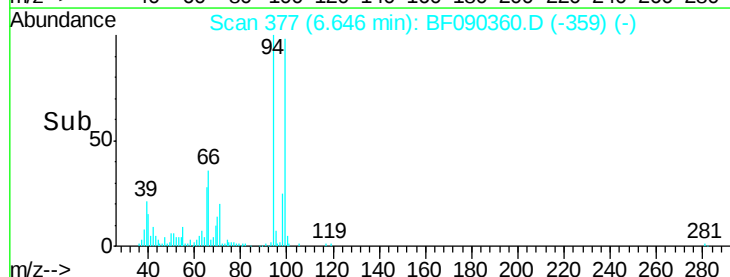
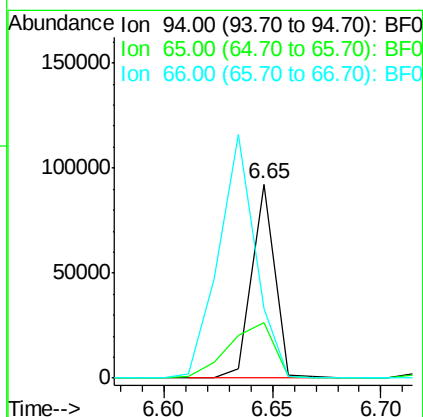
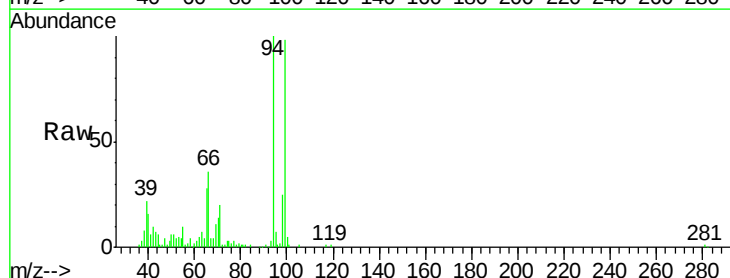
Tgt Ion: 94 Resp: 67964

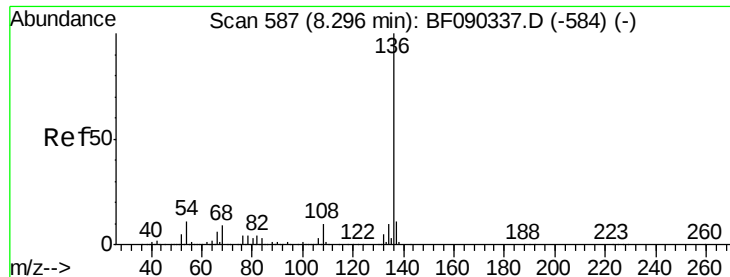
Ion Ratio Lower Upper

94 100

65 28.4 13.3 53.3

66 35.8 20.4 60.4





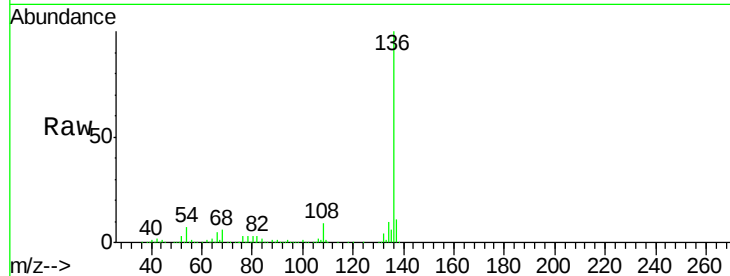
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF090360.D
Acq: 4 Oct 2016 23:39

Instrument :
BNA_F
ClientSampleId :
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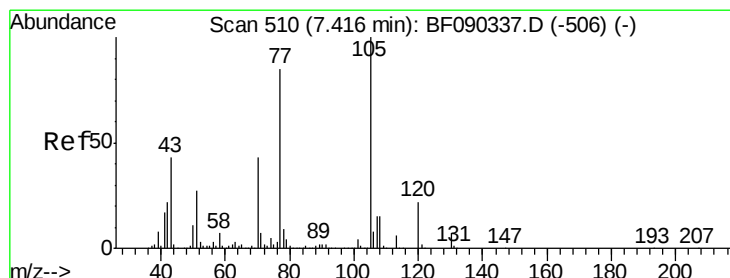
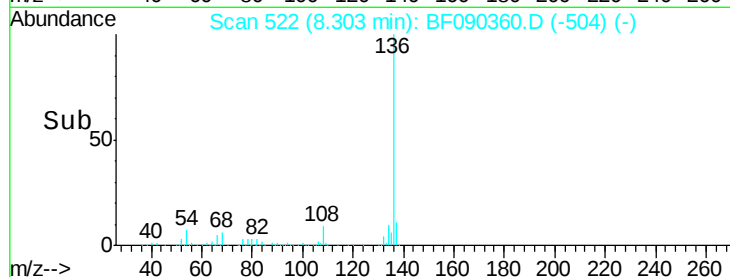
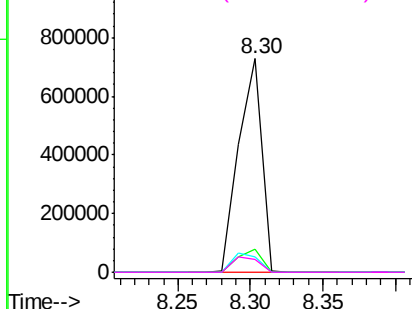
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	806959		
137	10.8		9.0	13.6
54	7.2		6.6	10.0
68	6.3		5.0	7.6

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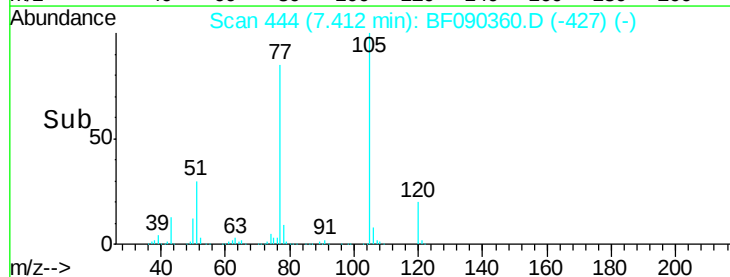
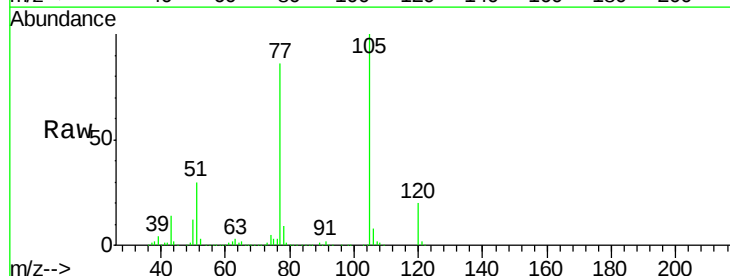
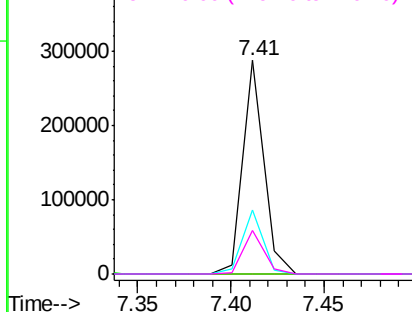
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

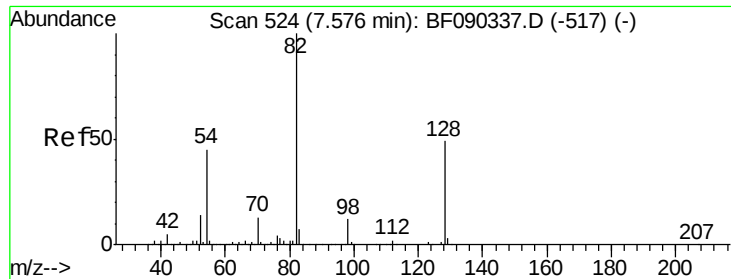


#22
Acetophenone
Concen: 12.22 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090360.D
Acq: 4 Oct 2016 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228377		
71	0.1		3.8	5.6#
51	30.0		28.2	42.4
120	20.3		17.4	26.2

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





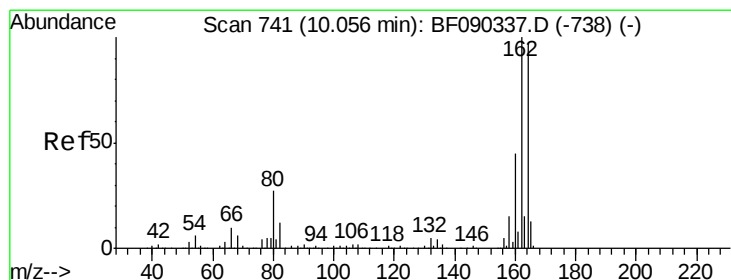
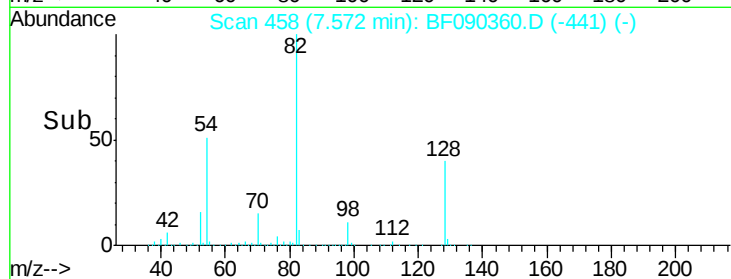
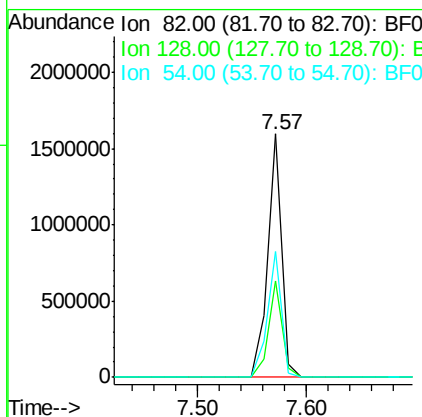
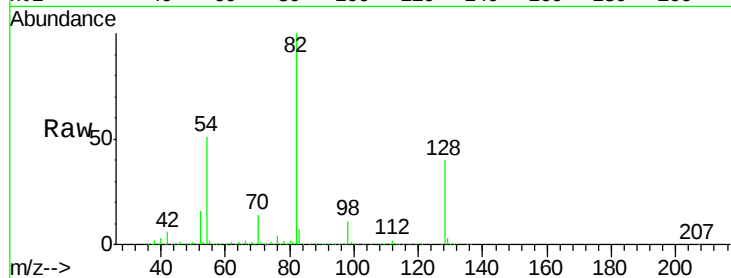
#23
 Nitrobenzene-d5
 Concen: 104.22 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090360.D
 Acq: 4 Oct 2016 23:39

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 ClientSampleId :
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Tgt Ion: 82 Resp: 1442829
 Ion Ratio Lower Upper
 82 100
 128 39.8 40.0 60.0#
 54 51.5 42.6 64.0

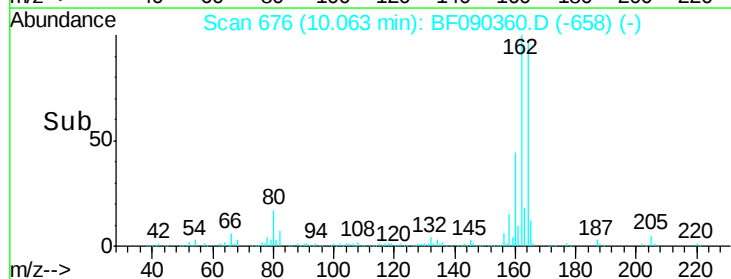
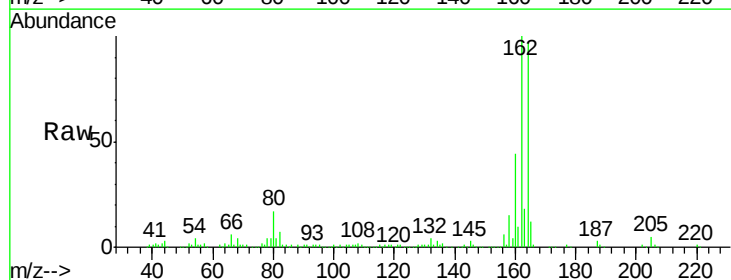
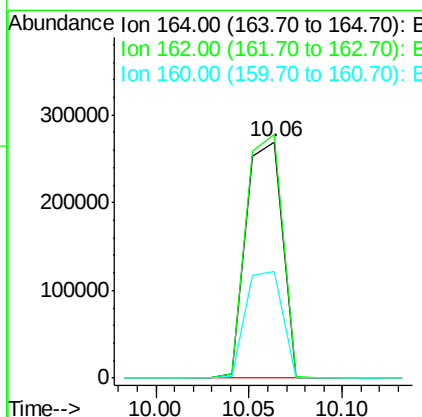
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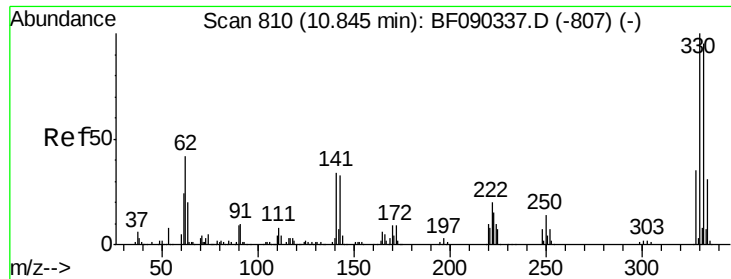
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.06 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: BF090360.D
 Acq: 4 Oct 2016 23:39

Tgt Ion:164 Resp: 361389
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.1 120.1
 160 45.4 36.3 54.5





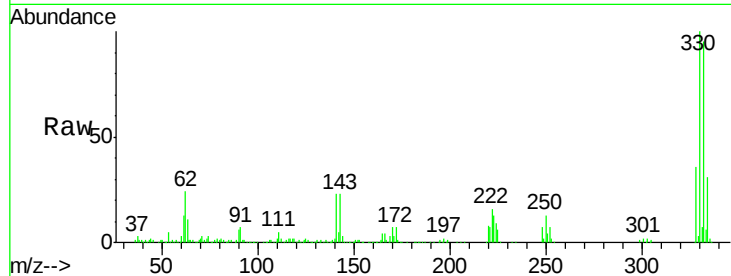
#41
 2,4,6-Tribromophenol
 Concen: 165.94 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090360.D
 Acq: 4 Oct 2016 23:39

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-08

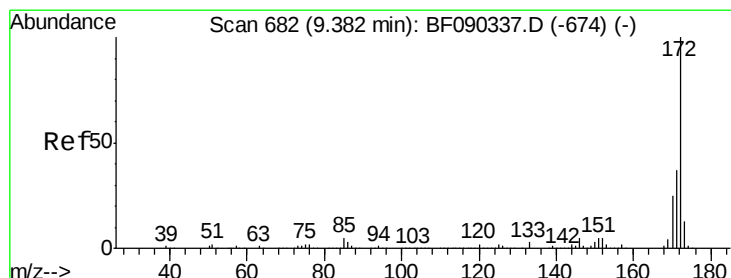
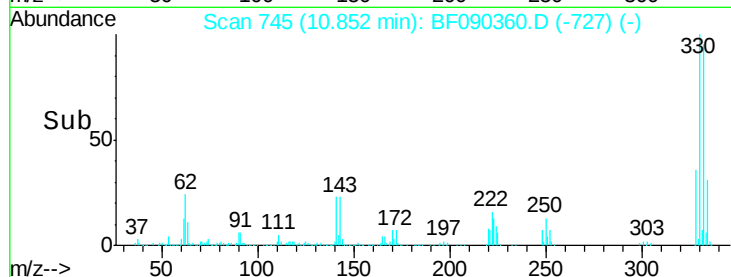
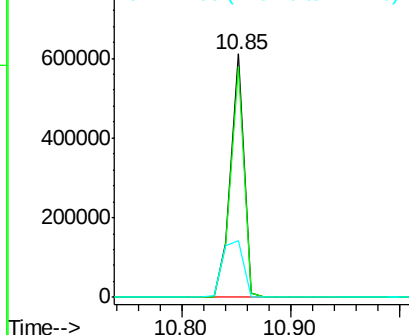
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	520835		
332	94.8	75.4	113.0	
141	37.3	26.9	40.3	

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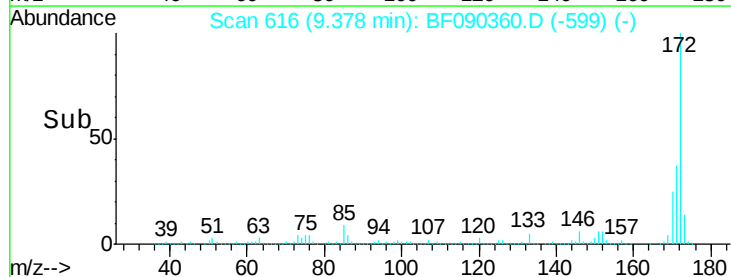
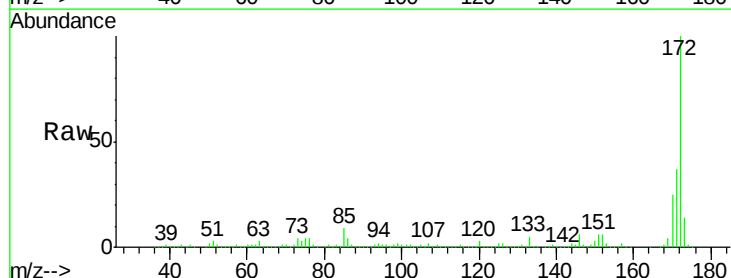
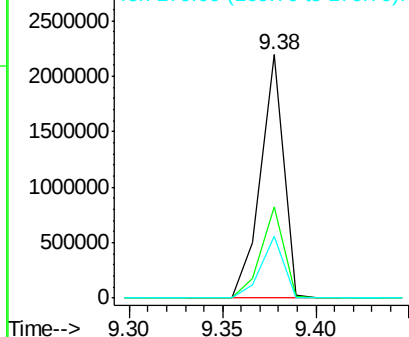
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

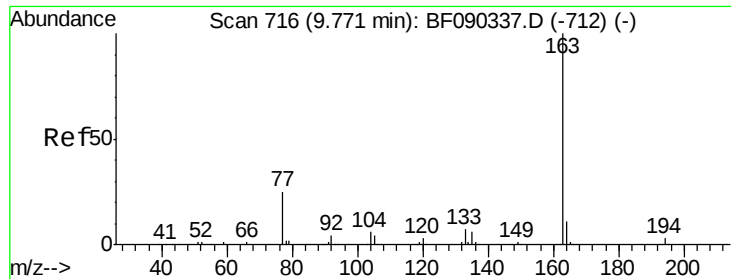


#44
 2-Fluorobiphenyl
 Concen: 84.39 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090360.D
 Acq: 4 Oct 2016 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1870493		
171	37.4	31.8	47.8	
170	25.3	21.7	32.5	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





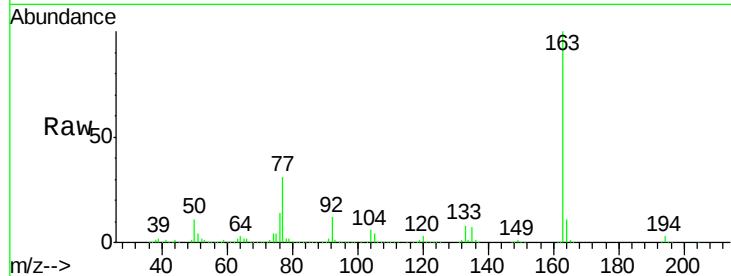
#49
Dimethylphthalate
Concen: 37.37 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF090360.D
Acq: 4 Oct 2016 23:39

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-08

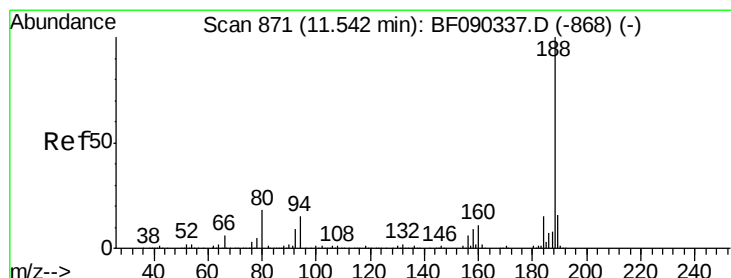
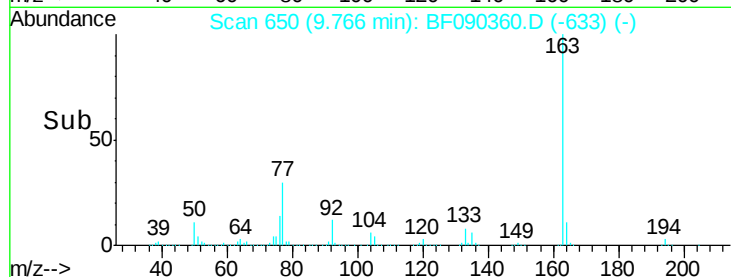
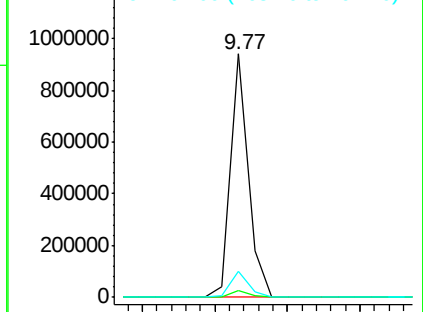
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	799401		
194	2.9		2.8	4.2
164	10.8		9.0	13.4

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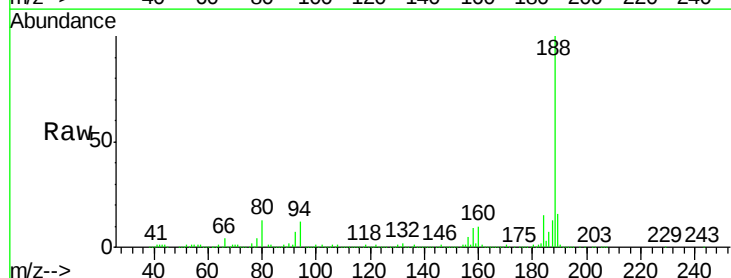


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

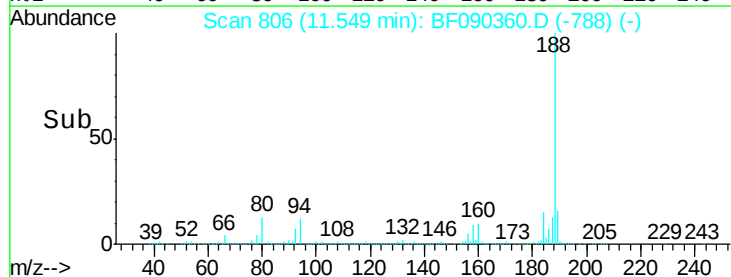
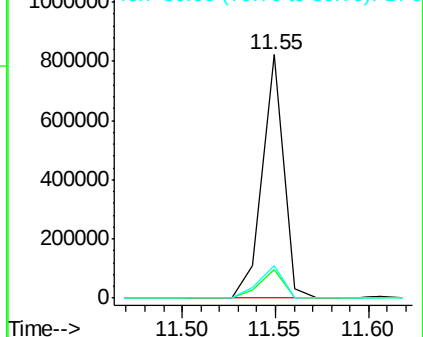


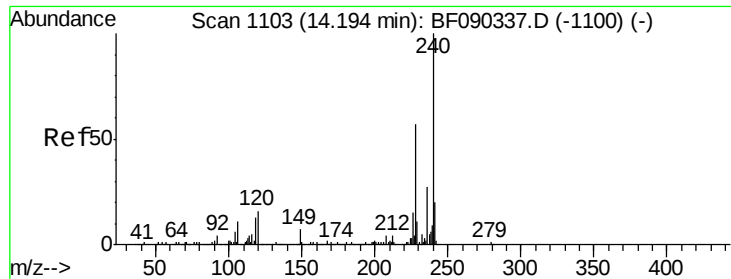
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF090360.D
Acq: 4 Oct 2016 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	663008		
94	11.7		8.2	12.2
80	13.5		8.8	13.2#



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





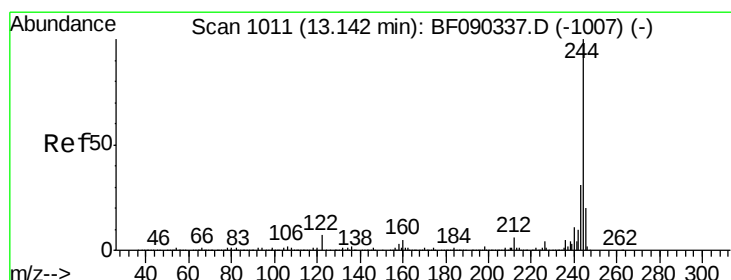
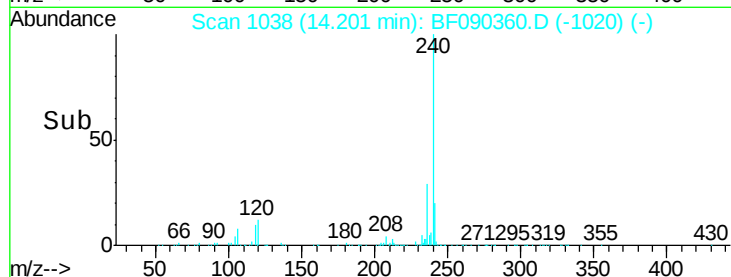
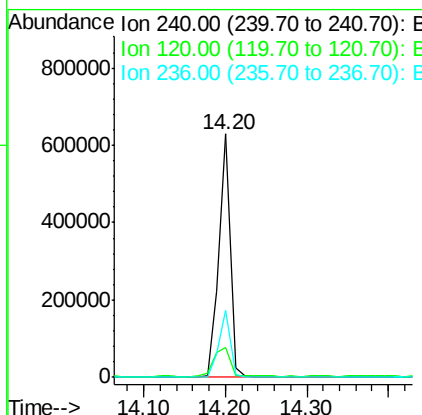
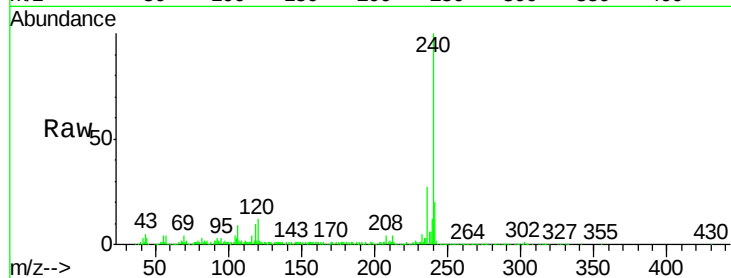
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.20 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF090360.D
Acq: 4 Oct 2016 23:39

Instrument :
BNA_F
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TS-WSG-16121-08

Tgt Ion:240 Resp: 608788
Ion Ratio Lower Upper
240 100
120 12.0 8.6 13.0
236 27.3 21.6 32.4

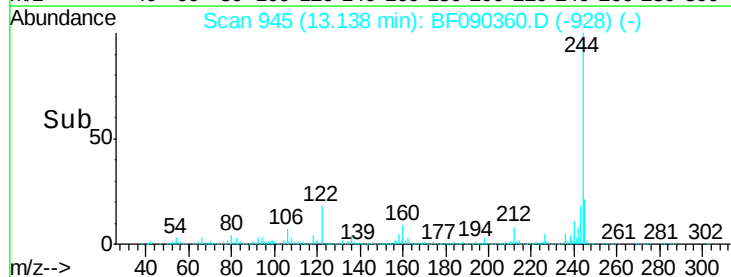
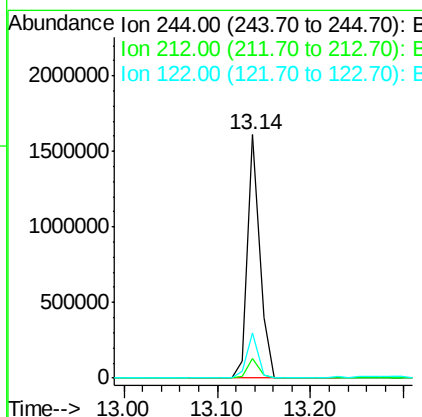
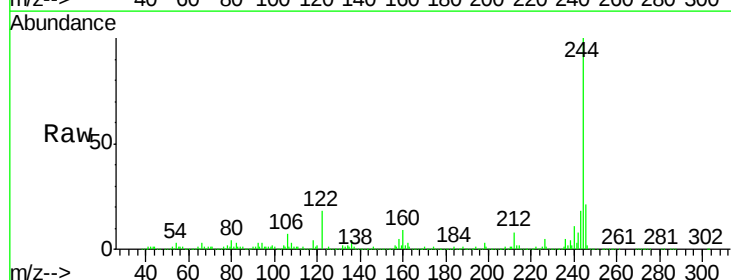
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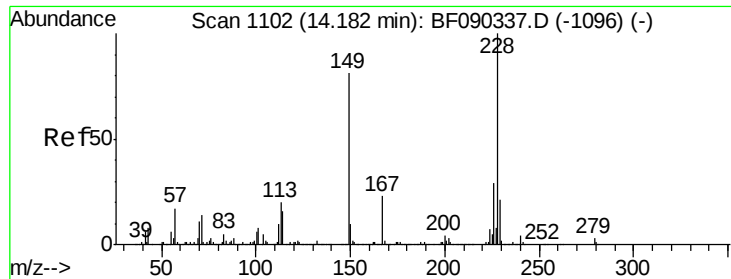
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#78
Terphenyl-d14
Concen: 56.06 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090360.D
Acq: 4 Oct 2016 23:39

Tgt Ion:244 Resp: 1465903
Ion Ratio Lower Upper
244 100
212 7.9 6.8 10.2
122 18.4 13.3 19.9





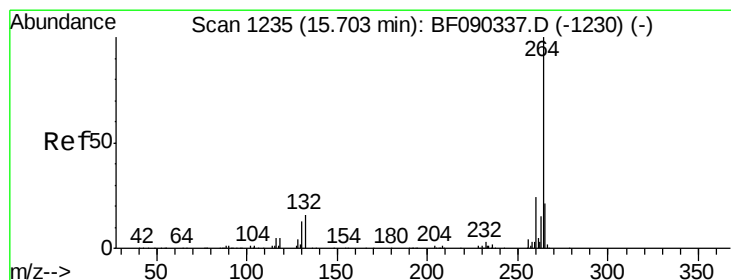
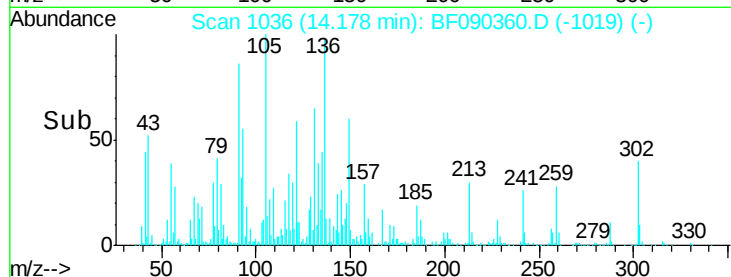
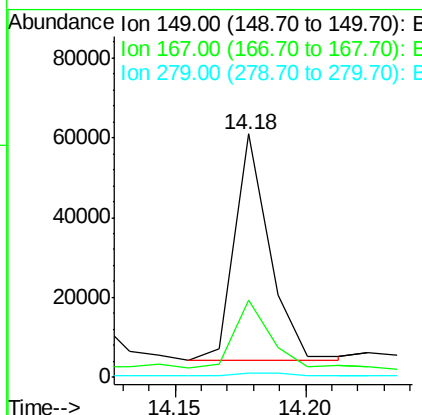
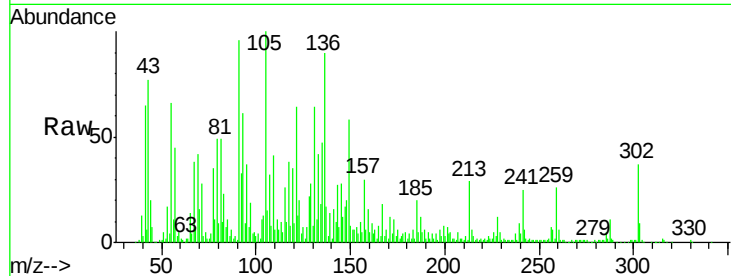
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.16 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090360.D
 Acq: 4 Oct 2016 23:39

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	53021		
167	31.7	21.5	32.3	
279	2.0	2.6	3.8#	

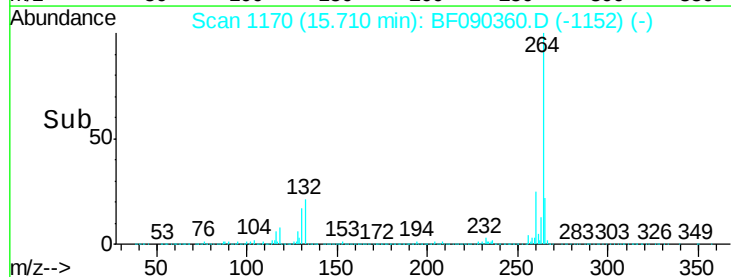
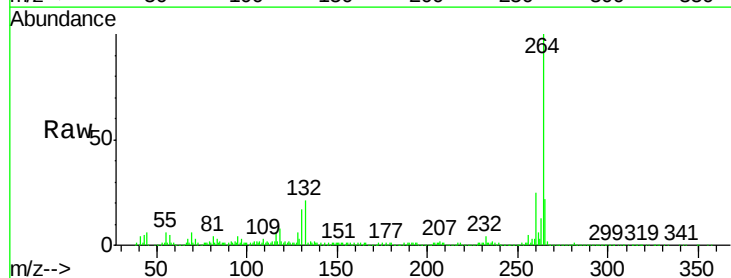
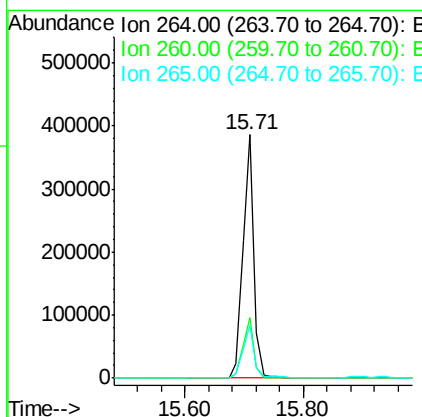
Manual Integrations
 APPROVED

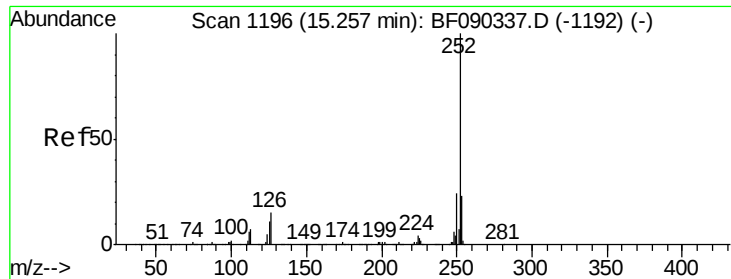
sohil
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.71 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF090360.D
 Acq: 4 Oct 2016 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	488477		
260	24.9	19.3	28.9	
265	21.8	17.4	26.0	





#87
 Benzo(b)fluoranthene
 Concen: 2.87 ng m
 RT: 15.26 min Scan# 1131
 Delta R.T. 0.01 min
 Lab File: BF090360.D
 Acq: 4 Oct 2016 23:39

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	23.1	7.0	10.4

Manual Integrations
 APPROVED

sohil
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