

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089175.D
 Acq On : 21 Jul 2016 12:43
 Operator : UM/SJ
 Sample : H4112-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KMW-01-5.0-7.0

Manual Integrations

umangi
 7/22/2016 6:22:57 PM

Quant Time: Jul 22 13:06:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	47516	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	140214	20.00	ng	0.02
38) Acenaphthene-d10	9.66	164	73549	20.00	ng	0.02
63) Phenanthrene-d10	11.12	188	148662	20.00	ng	0.01
75) Chrysene-d12	13.73	240	97890	20.00	ng	0.00
86) Perylene-d12	15.06	264	91198	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	351535	112.52	ng	0.00
7) Phenol-d6	6.26	99	463434	115.03	ng	-0.01
23) Nitrobenzene-d5	7.18	82	311727	118.13	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	66307	100.13	ng	0.02
44) 2-Fluorobiphenyl	8.99	172	427079	80.01	ng	0.02
78) Terphenyl-d14	12.69	244	335091	74.25	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.64	142	1053963	218.39	ng	Qvalue # 95
57) Fluorene	10.20	166	80351m	14.97	ng	
70) Phenanthrene	11.14	178	132726m	16.28	ng	

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

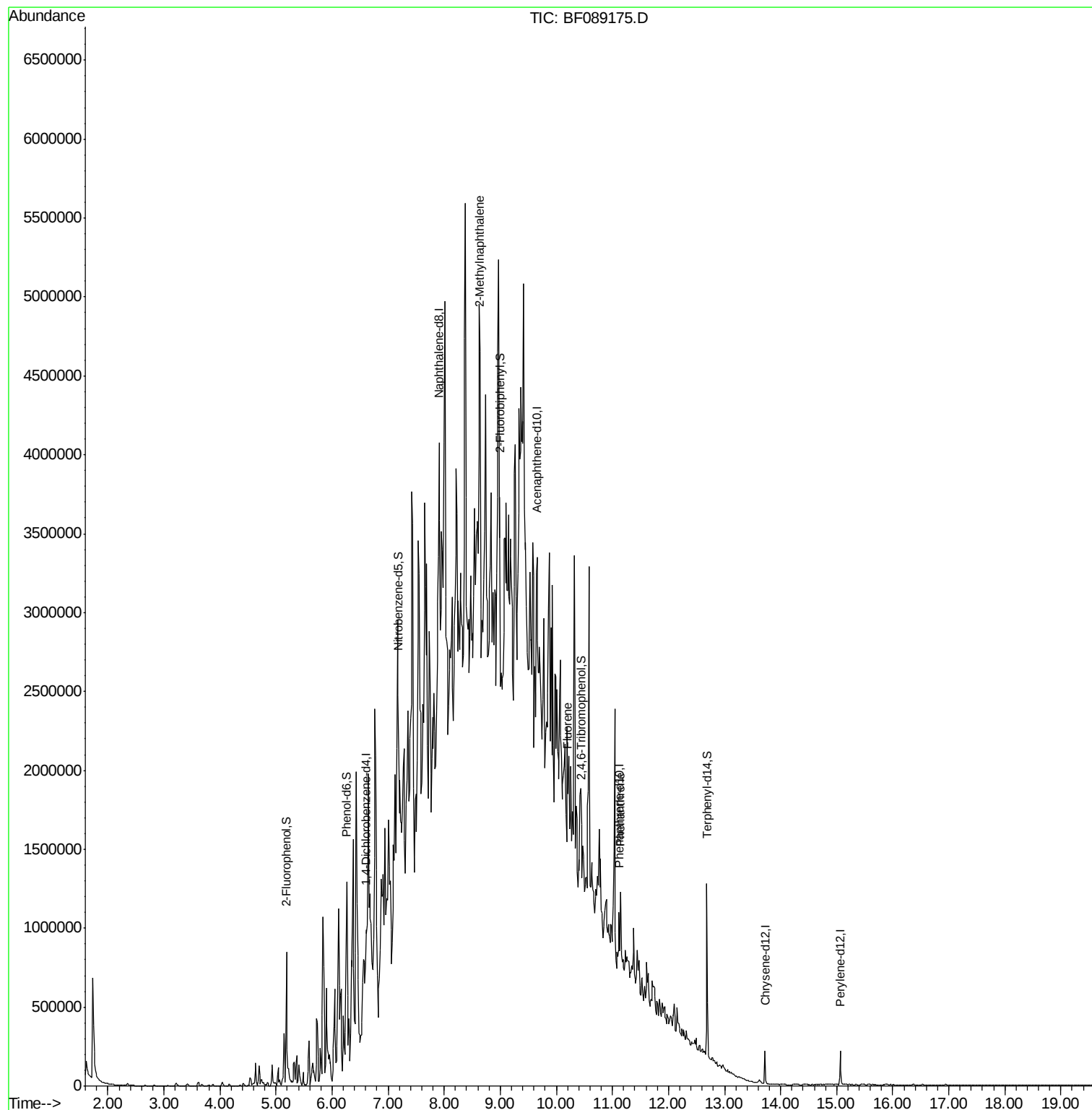
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089175.D
Acq On : 21 Jul 2016 12:43
Operator : UM/SJ
Sample : H4112-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

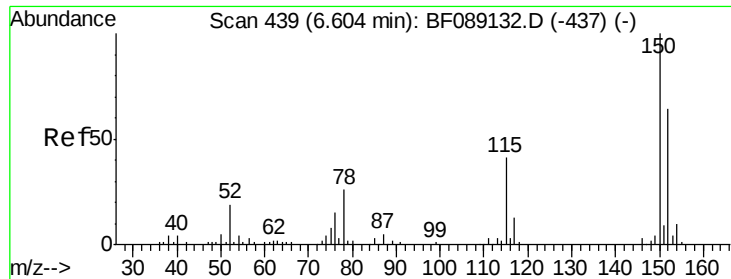
Instrument :
BNA_F
ClientSampleId :
KMW-01-5.0-7.0

Manual Integrations

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7/22/2016 6:22:57 PM

Quant Time: Jul 22 13:06:25 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089175.D

Acq: 21 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

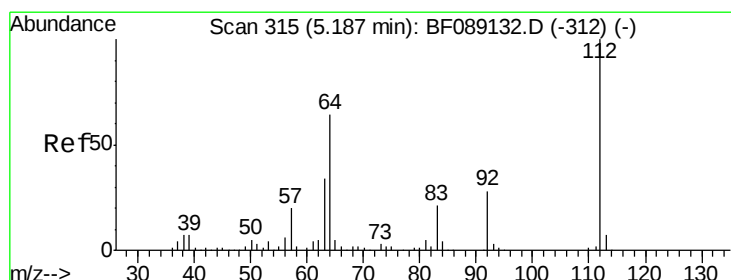
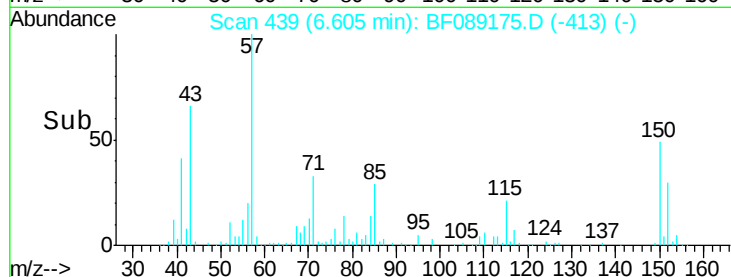
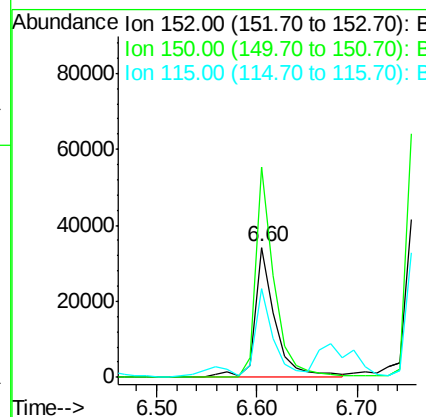
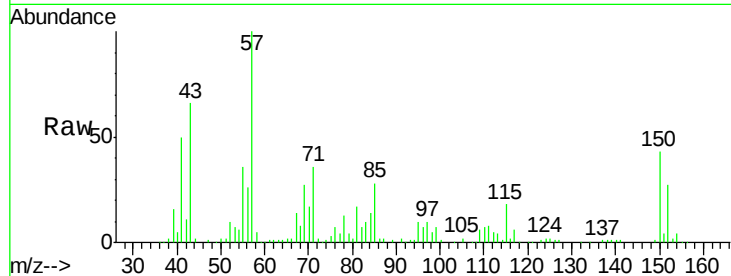
KMW-01-5.0-7.0

Tot Ion:	152	Resp:	47516
Ion	Ratio	Lower	Upper
152	100		
150	161.5	125.1	187.7
115	67.9	51.1	76.7

Manual Integrations

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#5

2-Fluorophenol

Concen: 112.52 ng

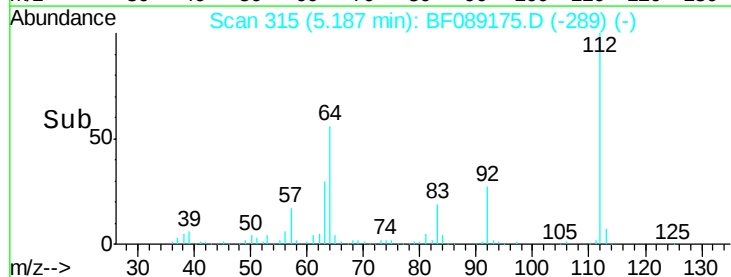
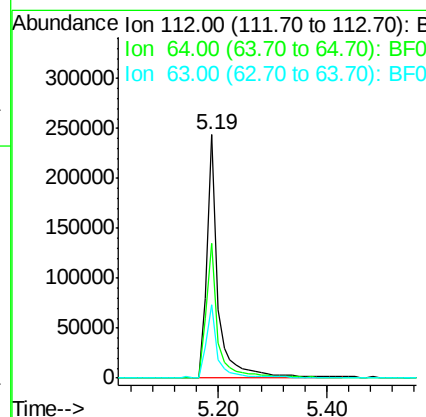
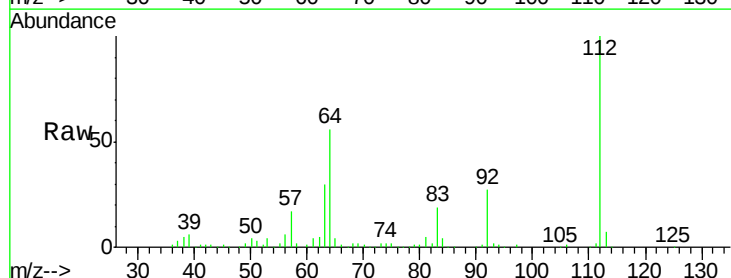
RT: 5.19 min Scan# 315

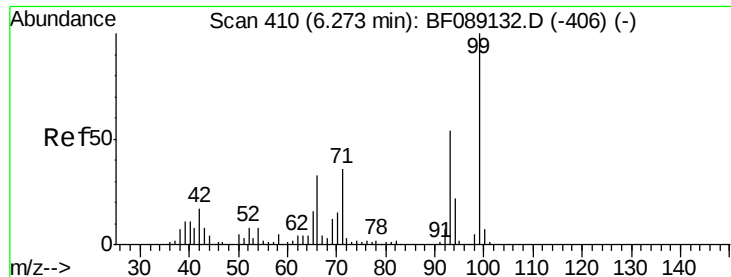
Delta R.T. 0.00 min

Lab File: BF089175.D

Acq: 21 Jul 2016 12:43

Tgt Ion:	112	Resp:	351535
Ion	Ratio	Lower	Upper
112	100		
64	55.6	51.0	76.4
63	30.3	27.3	40.9





#7

Phenol-d6

Concen: 115.03 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089175.D

Acq: 21 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KMW-01-5.0-7.0

Tot Ion: 99 Resp: 463434

Ion Ratio Lower Upper

99 100

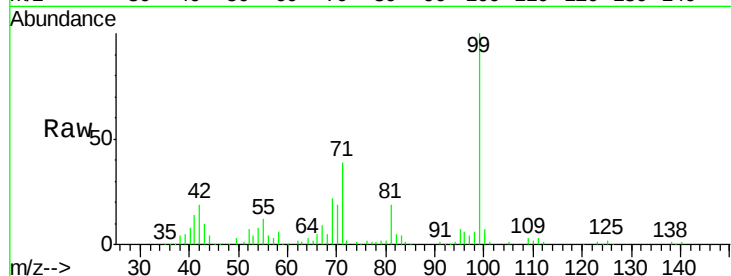
42 18.7 13.5 20.3

71 38.8 28.9 43.3

Manual Integrations

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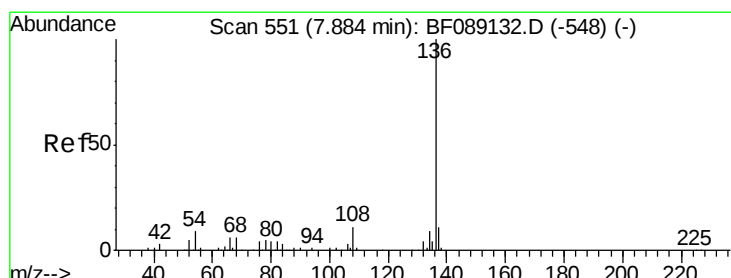
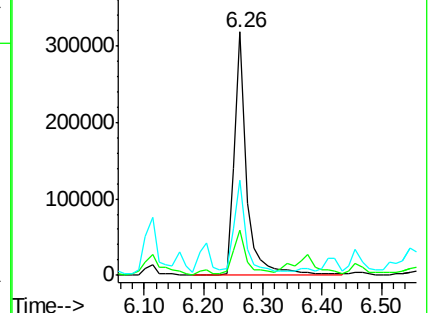
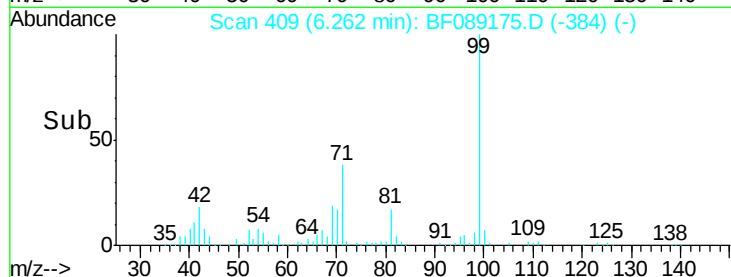
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF089175.D

Acq: 21 Jul 2016 12:43

Tgt Ion:136 Resp: 140214

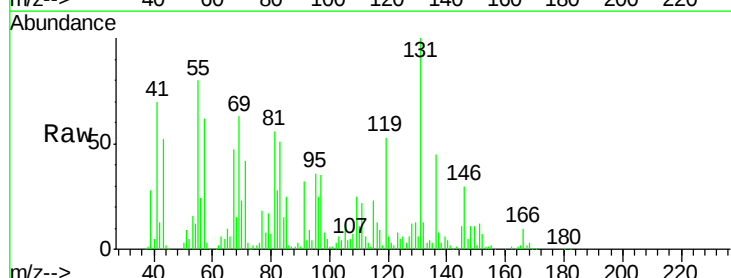
Ion Ratio Lower Upper

136 100

137 18.8 8.8 13.2#

54 27.5 7.0 10.4#

68 33.0 5.0 7.6#

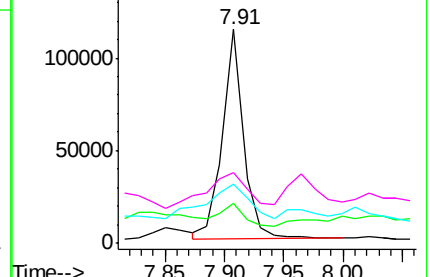
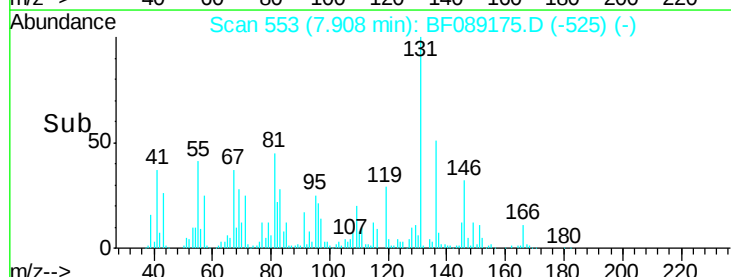


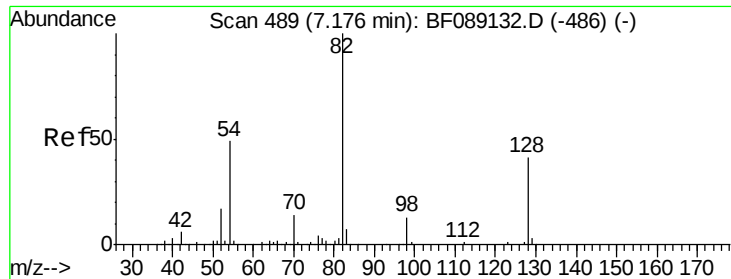
Abundance Ion 136.00 (135.70 to 136.70): E

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





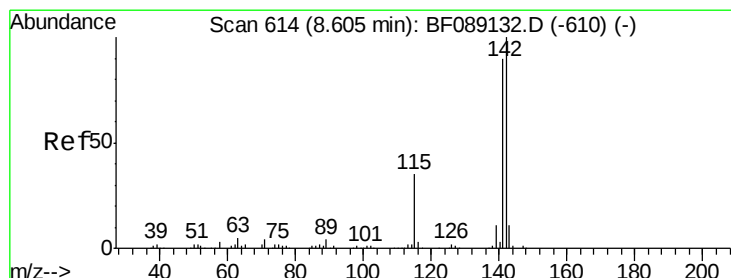
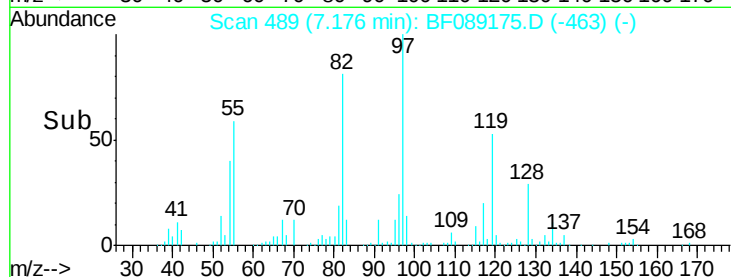
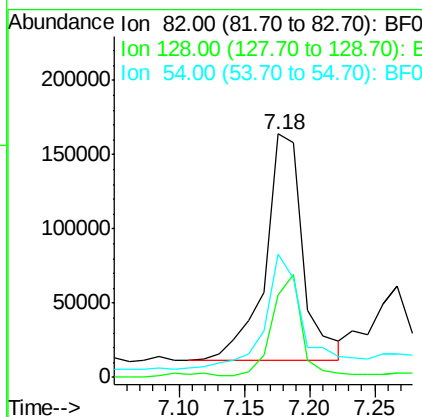
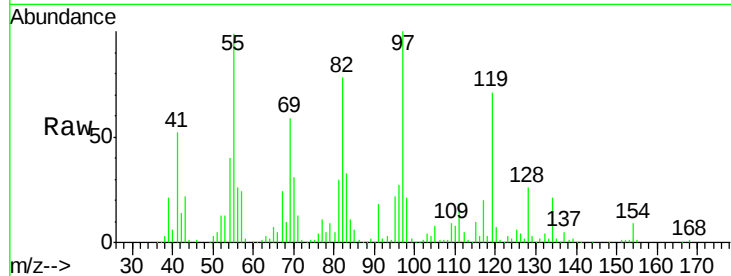
#23
Nitrobenzene-d5
Concen: 118.13 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF089175.D
Acq: 21 Jul 2016 12:43

Instrument :
BNA_F
ClientSampleId :
KMW-01-5.0-7.0

Tot Ion:	82	Resp:	311727
Ion Ratio	Lower	Upper	
82	100		
128	33.6	33.0	49.6
54	50.9	39.0	58.4

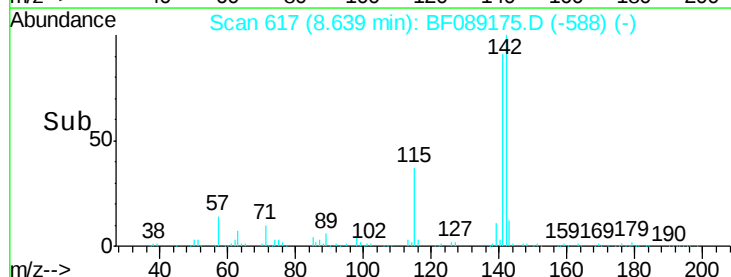
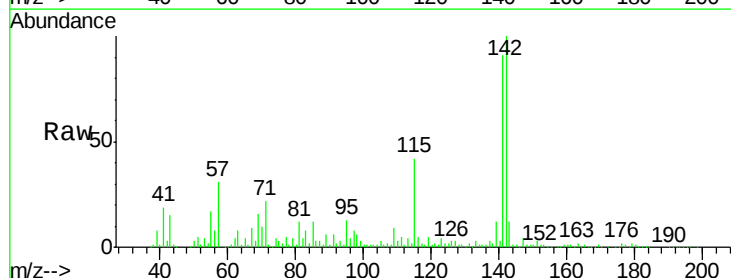
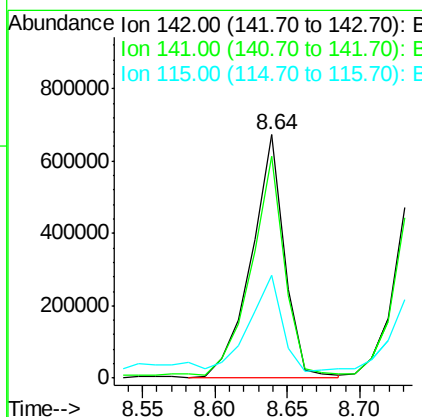
Manual Integrations

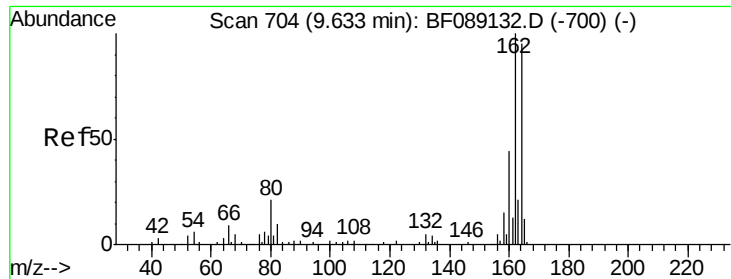
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#37
2-Methylnaphthalene
Concen: 218.39 ng
RT: 8.64 min Scan# 617
Delta R.T. 0.03 min
Lab File: BF089175.D
Acq: 21 Jul 2016 12:43

Tgt Ion:	142	Resp:	1053963
Ion Ratio	Lower	Upper	
142	100		
141	91.3	71.6	107.4
115	42.0	27.6	41.4#





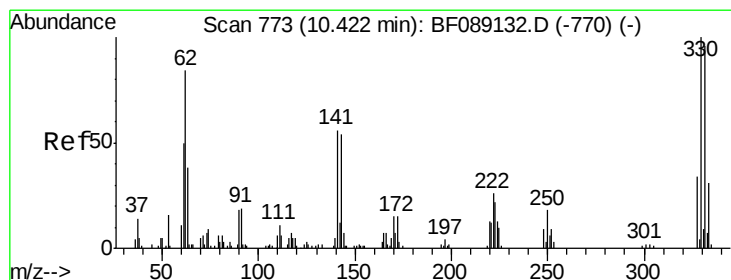
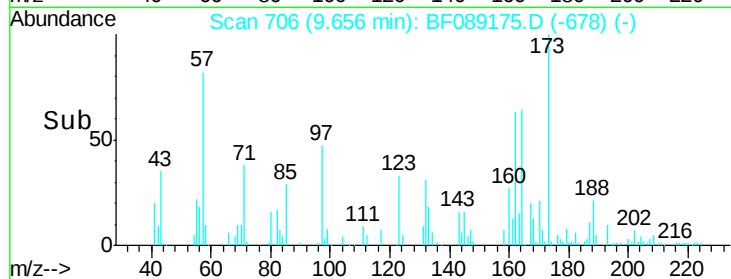
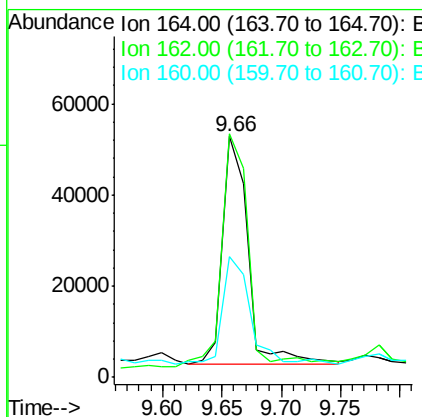
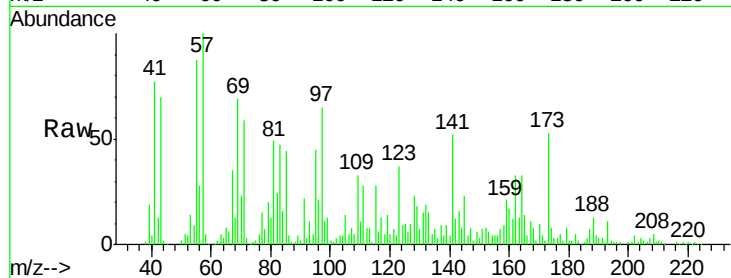
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.02 min
Lab File: BF089175.D
Acq: 21 Jul 2016 12:43

Instrument :
BNA_F
ClientSampleId :
KMW-01-5.0-7.0

Tot Ion:164 Resp: 73549
Ion Ratio Lower Upper
164 100
162 101.2 84.1 126.1
160 50.5 37.1 55.7

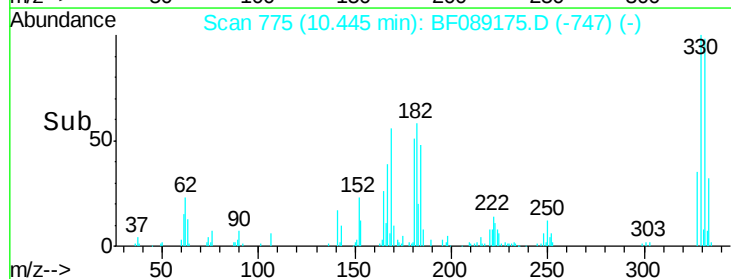
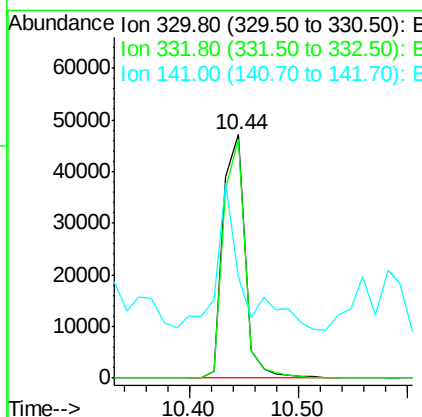
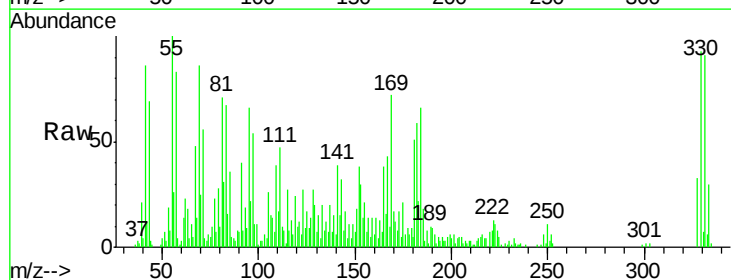
Manual Integrations

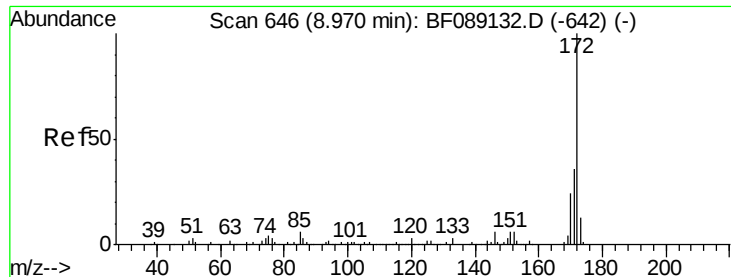
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#41
2,4,6-Tribromophenol
Concen: 100.13 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.02 min
Lab File: BF089175.D
Acq: 21 Jul 2016 12:43

Tgt Ion:330 Resp: 66307
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 71.6 42.2 63.2#





#44

2-Fluorobiphenyl

Concen: 80.01 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.02 min

Lab File: BF089175.D

Acq: 21 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KMW-01-5.0-7.0

Tot Ion:172 Resp: 427079

Ion Ratio Lower Upper

172 100

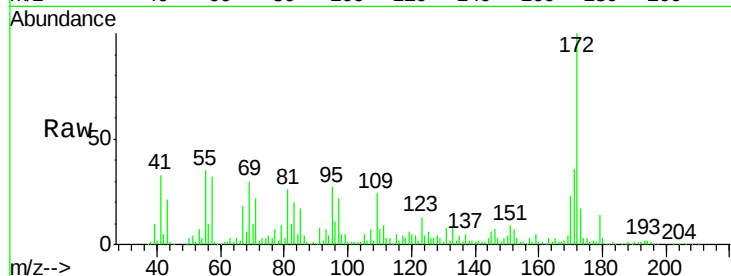
171 36.1 29.2 43.8

170 23.2 19.1 28.7

Manual Integrations

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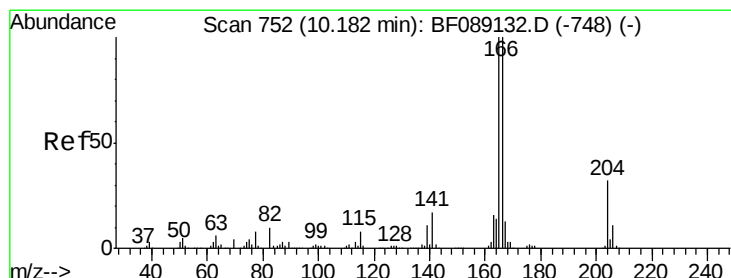
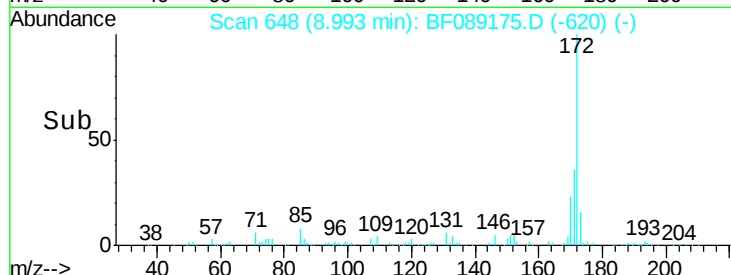
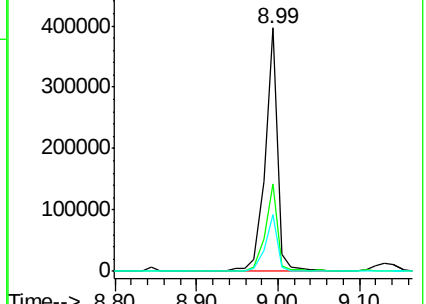
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#57

Fluorene

Concen: 14.97 ng m

RT: 10.20 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF089175.D

Acq: 21 Jul 2016 12:43

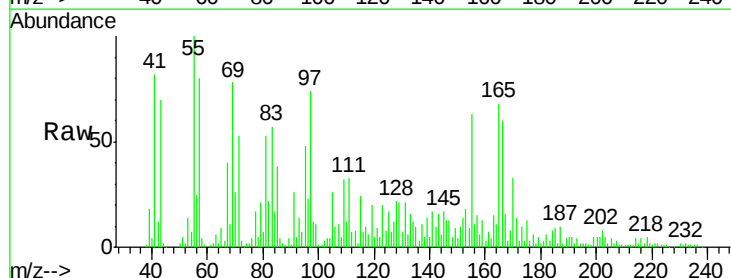
Tgt Ion:166 Resp: 80351

Ion Ratio Lower Upper

166 100

165 112.4 79.9 119.9

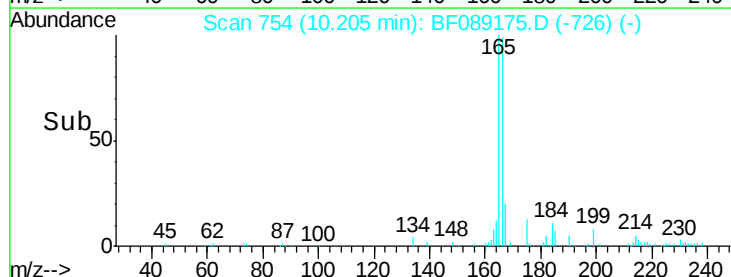
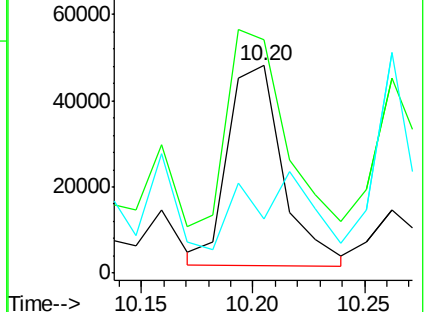
167 26.3 10.7 16.1#

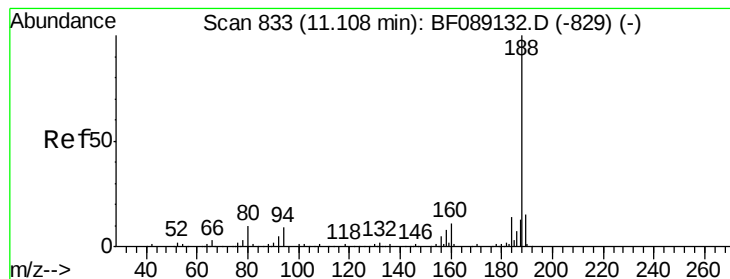


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF089175.D

Acq: 21 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

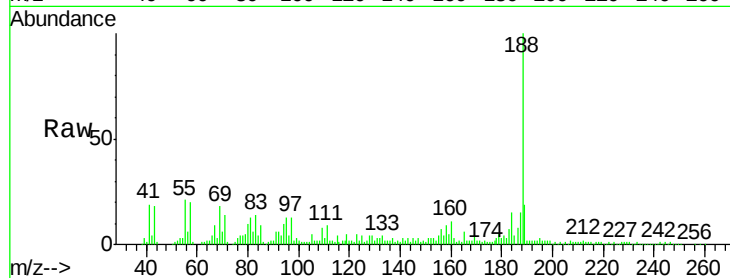
KMW-01-5.0-7.0

Tot Ion:	188	Resp:	148662
Ion Ratio	Lower	Upper	
188	100		
94	9.7	7.0	10.4
80	10.4	7.7	11.5

Manual Integrations

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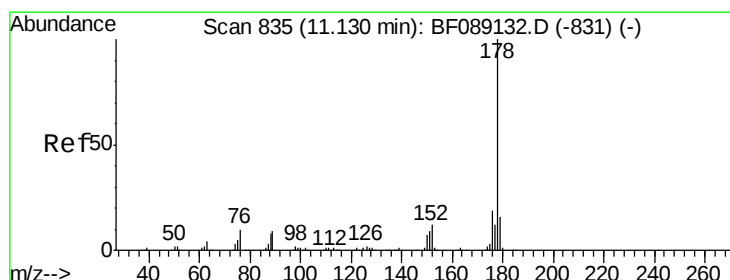
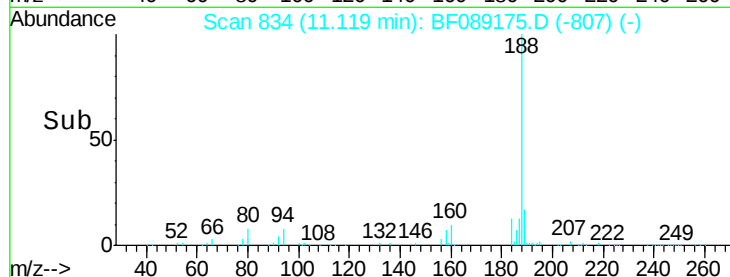
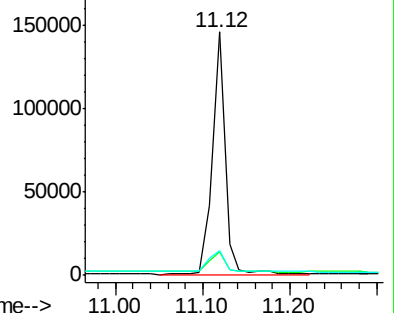
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 16.28 ng m

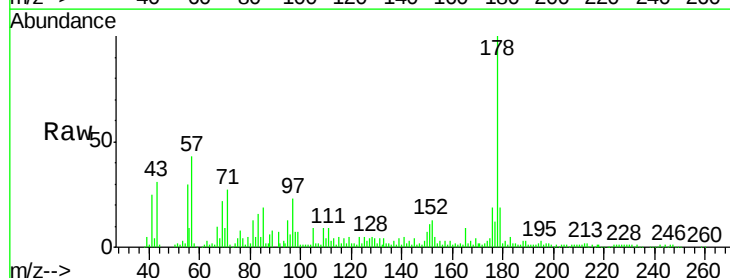
RT: 11.14 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF089175.D

Acq: 21 Jul 2016 12:43

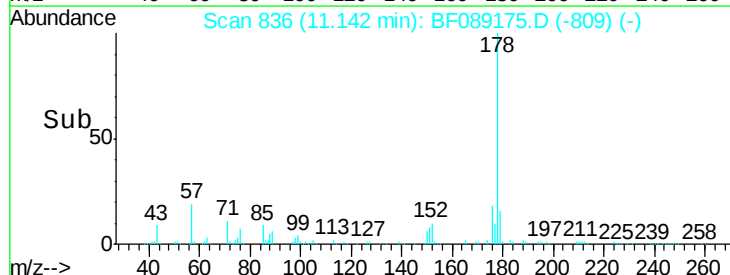
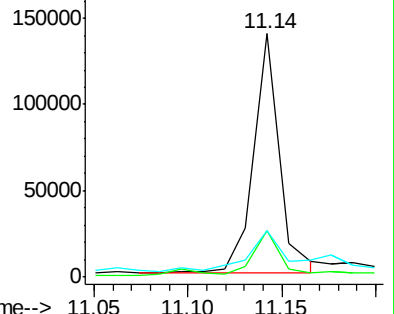
Tgt Ion:	178	Resp:	132726
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.6	23.4
179	19.1	12.4	18.6#

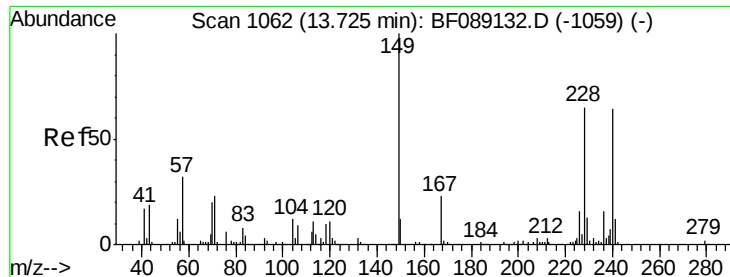


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089175.D

Acq: 21 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KMW-01-5.0-7.0

Tot Ion:240 Resp: 97890

Ion Ratio Lower Upper

240 100

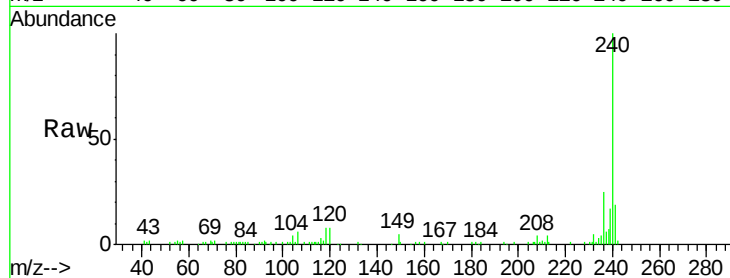
120 8.4 13.6 20.4#

236 24.8 20.5 30.7

Manual Integrations

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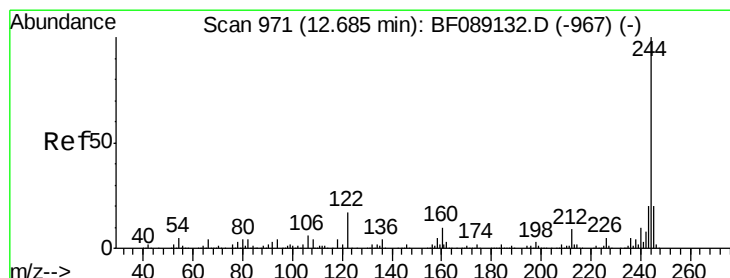
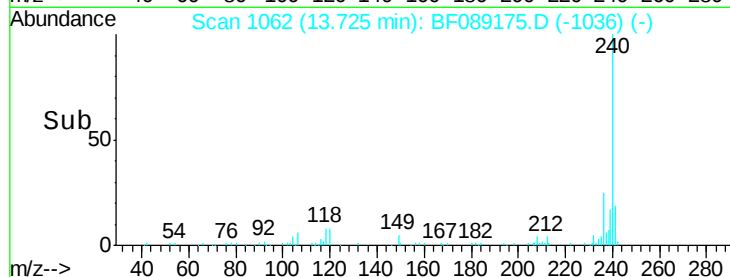
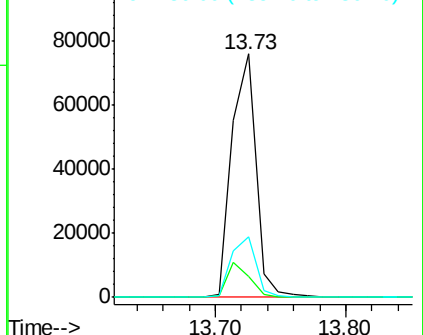
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 74.25 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089175.D

Acq: 21 Jul 2016 12:43

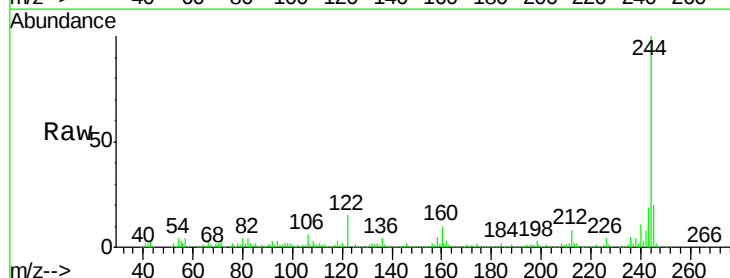
Tgt Ion:244 Resp: 335091

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

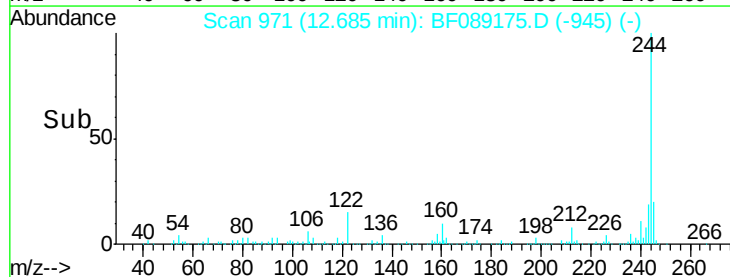
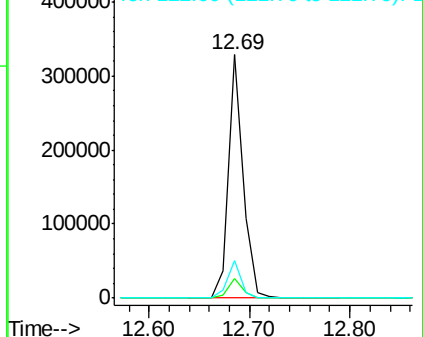
122 15.4 13.8 20.8

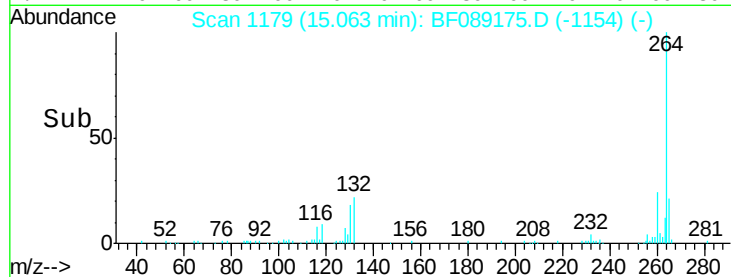
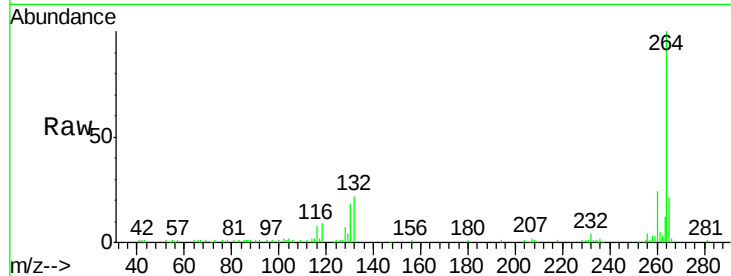
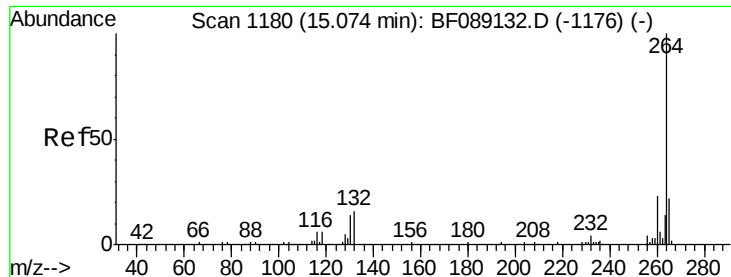


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089175.D
 Acq: 21 Jul 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 KMW-01-5.0-7.0

Tot Ion:	264	Resp:	91198
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.5	27.7
265	21.4	17.3	25.9

Manual Integrations

umangi
 7/22/2016 6:22:57 PM

