

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092367.D
 Acq On : 20 Jan 2017 12:30
 Operator : UM/SJ
 Sample : I1260-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMP

Manual Integrations
 APPROVED

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 1/23/2017 2:44:42 PM

Quant Time: Jan 20 13:24:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	147778m	20.00	ng	-0.12
21) Naphthalene-d8	7.81	136	927532	20.00	ng	-0.12
38) Acenaphthene-d10	9.56	164	478128	20.00	ng	-0.12
63) Phenanthrene-d10	11.03	188	761643	20.00	ng	-0.12
75) Chrysene-d12	13.66	240	576140	20.00	ng	-0.12
86) Perylene-d12	15.01	264	446325	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	1194799	135.00	ng	-0.13
7) Phenol-d6	6.19	99	1304656	120.74	ng	-0.12
23) Nitrobenzene-d5	7.10	82	1330427	79.76	ng	-0.11
41) 2,4,6-Tribromophenol	10.35	330	436172	110.23	ng	-0.12
44) 2-Fluorobiphenyl	8.90	172	2231686	97.54	ng	-0.11
78) Terphenyl-d14	12.62	244	1713089	72.11	ng	-0.12
Target Compounds						
10) Phenol	6.20	94	68540	5.57	ng	84
49) Dimethylphthalate	9.30	163	279313	9.13	ng	99

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

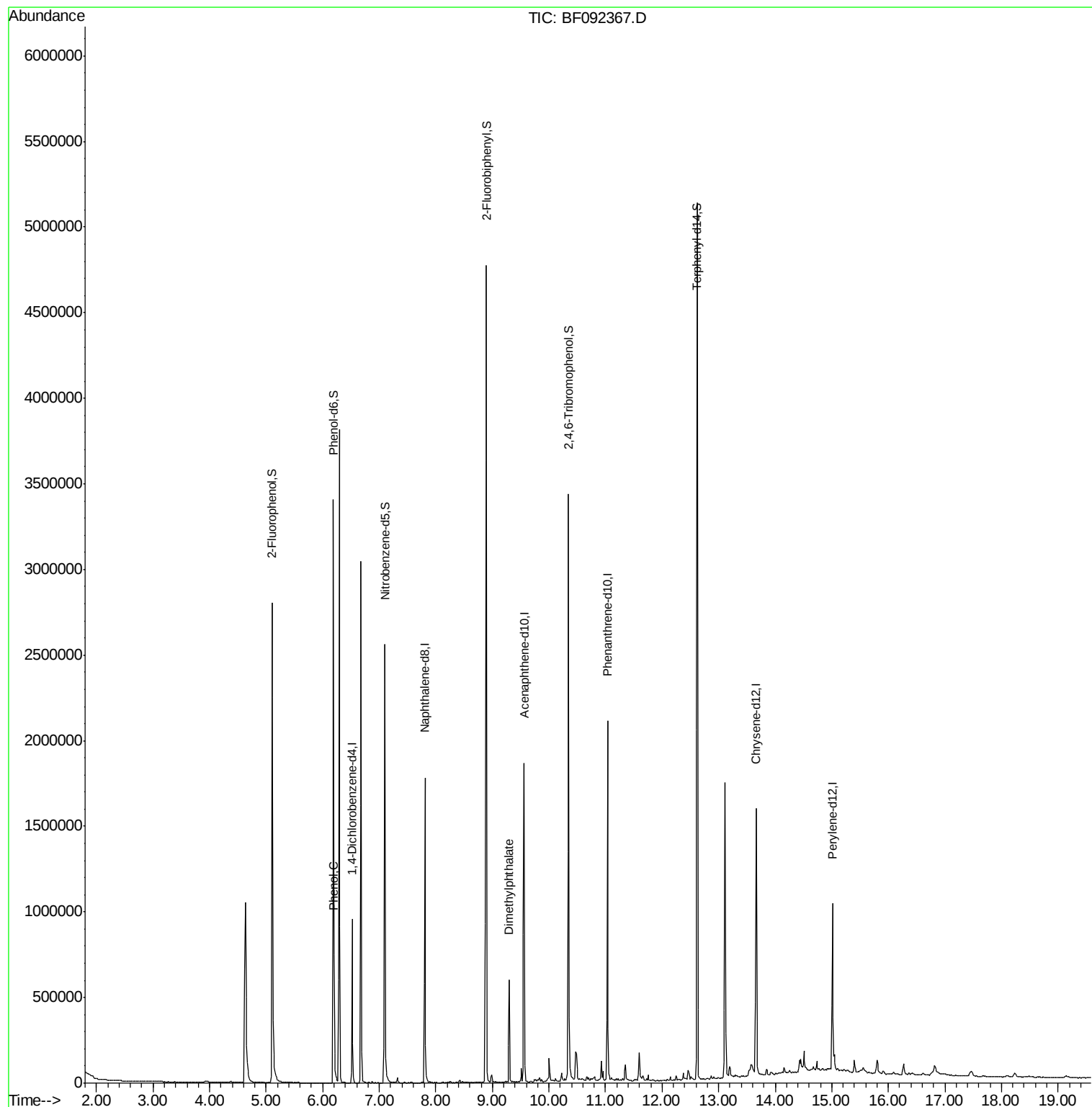
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092367.D
Acq On : 20 Jan 2017 12:30
Operator : UM/SJ
Sample : I1260-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

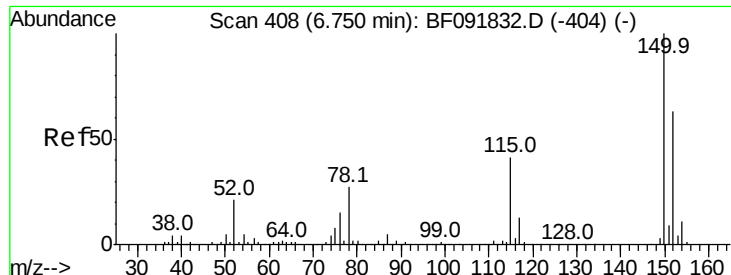
Instrument :
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#1

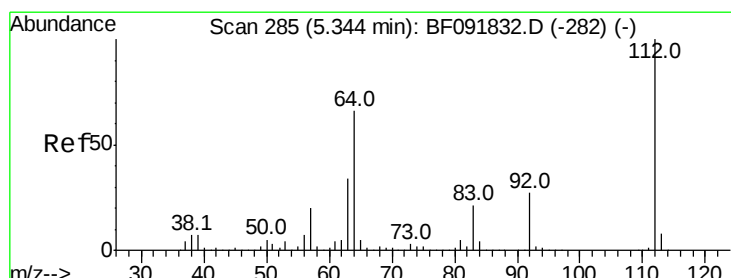
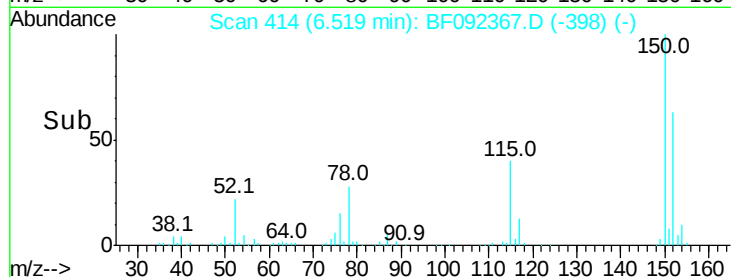
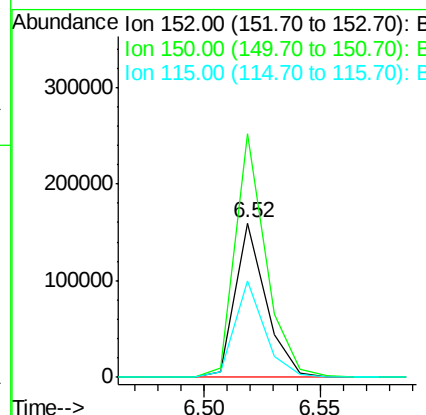
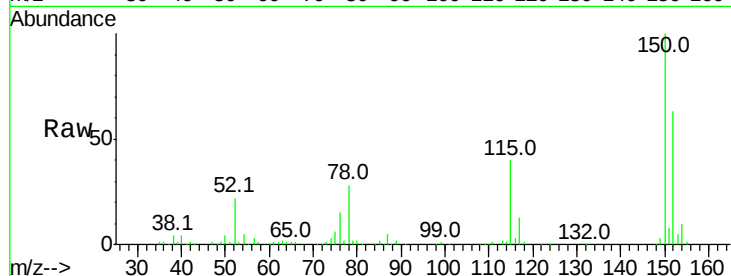
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.52 min Scan# 414
Delta R.T. -0.12 min
Lab File: BF092367.D
Acq: 20 Jan 2017 12:30

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.9	187.3
115	62.5	46.0	69.0

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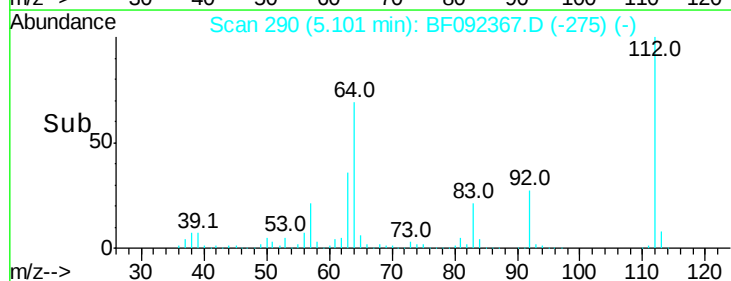
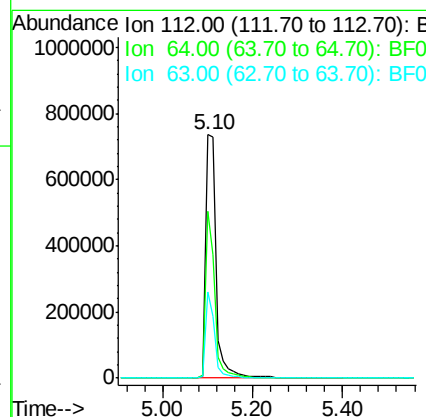
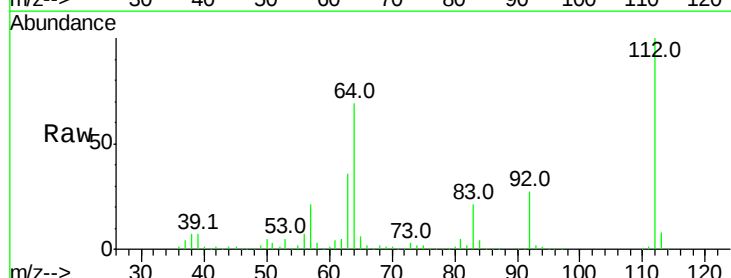
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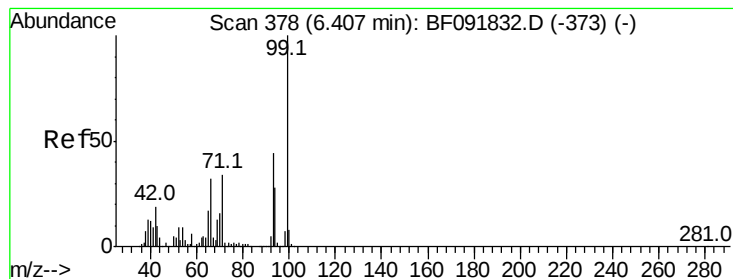


#5

2-Fluorophenol
Concen: 135.00 ng
RT: 5.10 min Scan# 290
Delta R.T. -0.13 min
Lab File: BF092367.D
Acq: 20 Jan 2017 12:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	46.1	69.1
63	35.6	23.8	35.6





#7

Phenol-d6

Concen: 120.74 ng

RT: 6.19 min Scan# 385

Delta R.T. -0.12 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

Tot Ion: 99 Resp: 1304656

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

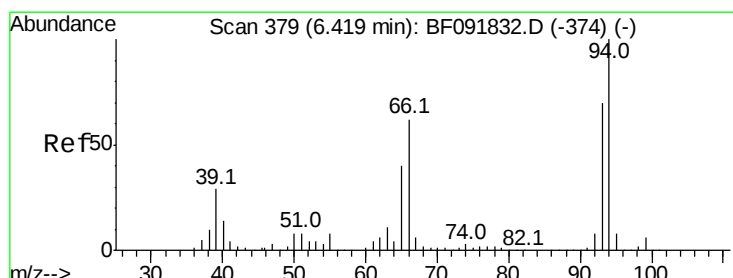
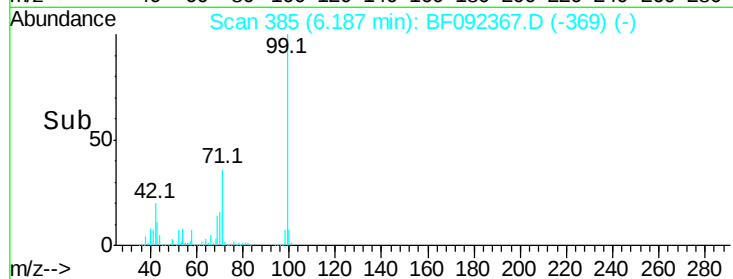
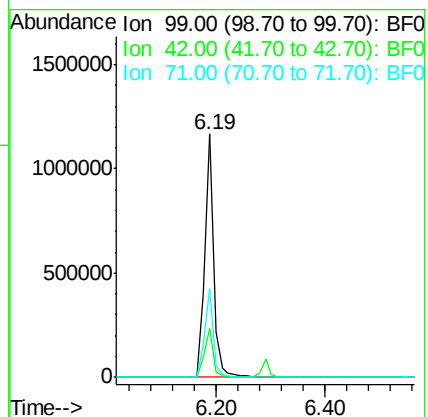
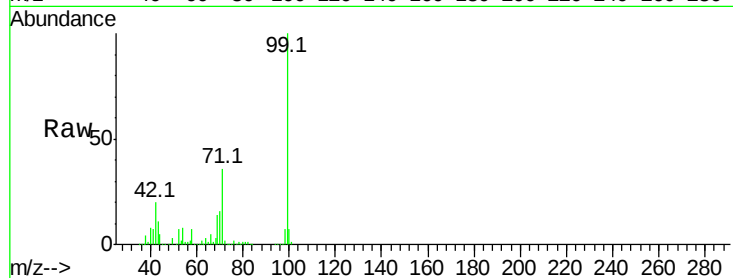
71 36.4 27.5 41.3

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#10

Phenol

Concen: 5.57 ng

RT: 6.20 min Scan# 386

Delta R.T. -0.12 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

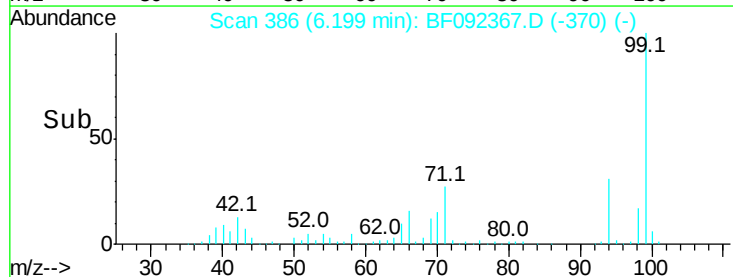
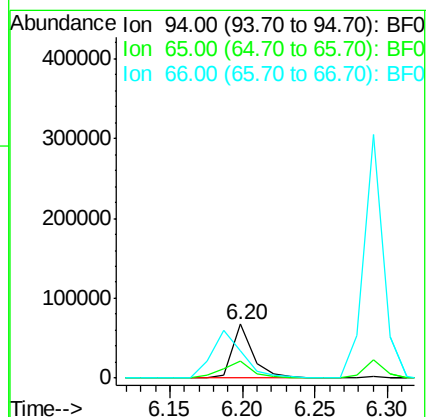
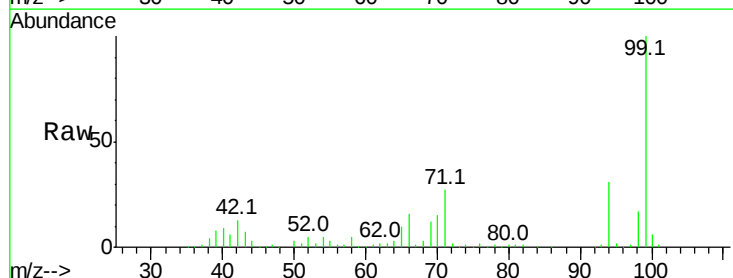
Tgt Ion: 94 Resp: 68540

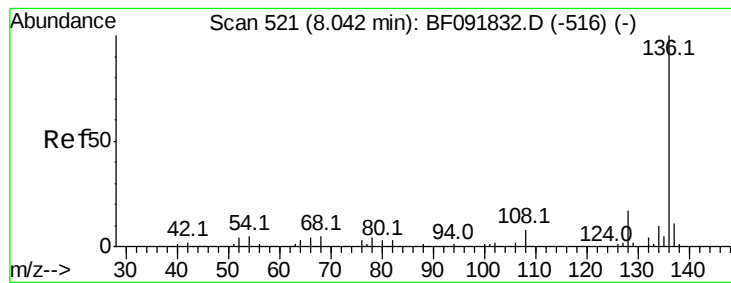
Ion Ratio Lower Upper

94 100

65 32.3 21.4 61.4

66 50.6 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 527

Delta R.T. -0.12 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

Tot Ion: 136 Resp: 927532

Ion Ratio Lower Upper

136 100

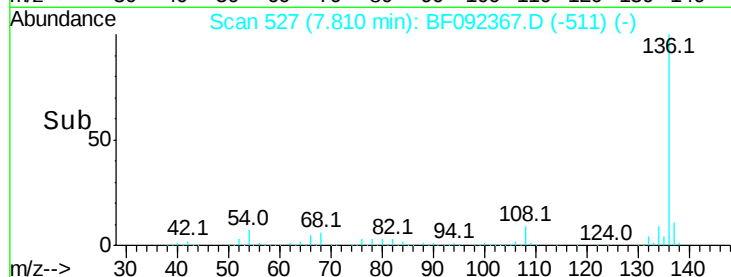
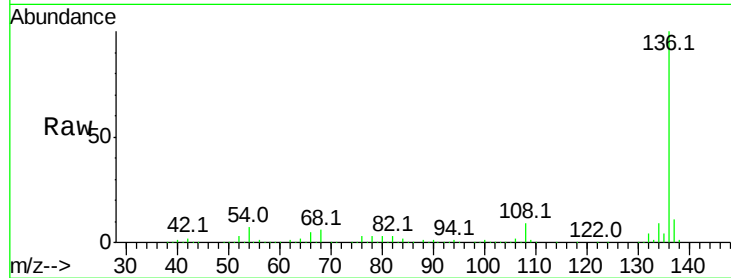
137 11.0 8.4 12.6

54 6.7 4.5 6.7#

68 5.8 3.6 5.4#

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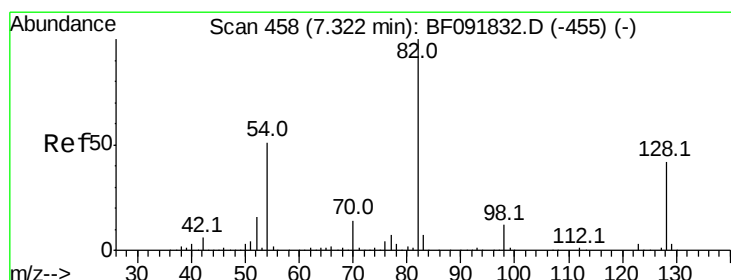
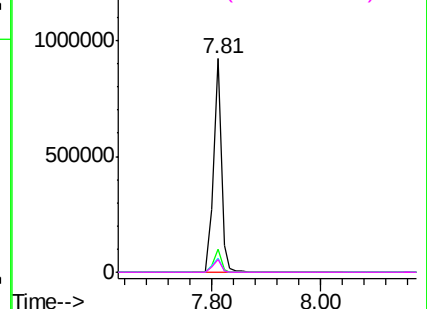


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 79.76 ng

RT: 7.10 min Scan# 465

Delta R.T. -0.11 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

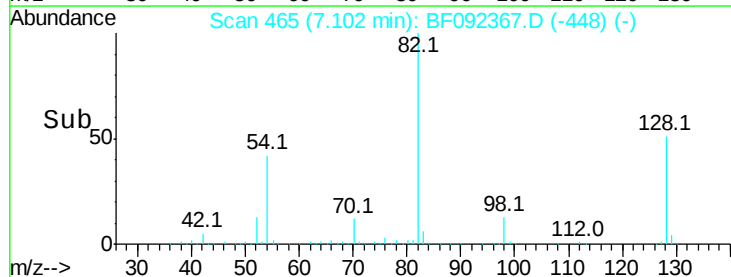
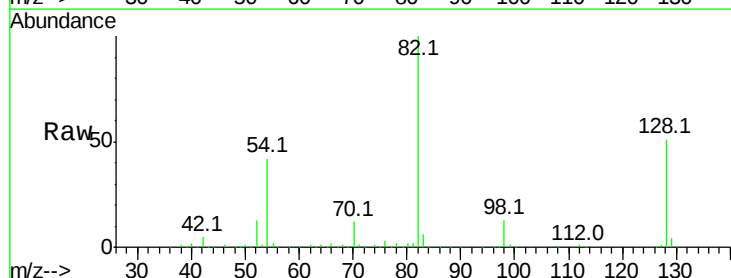
Tgt Ion: 82 Resp: 1330427

Ion Ratio Lower Upper

82 100

128 51.2 34.6 52.0

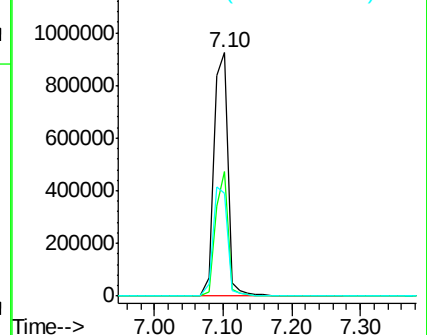
54 42.3 39.5 59.3

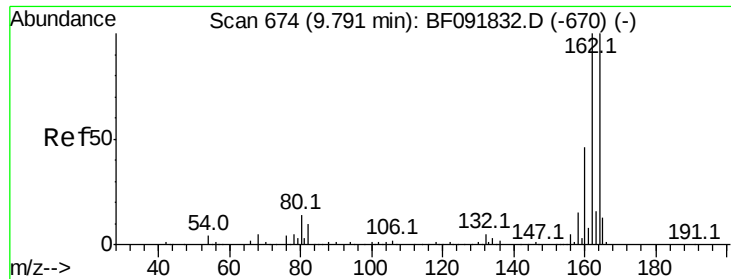


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.12 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

Instrument :

BNA_F

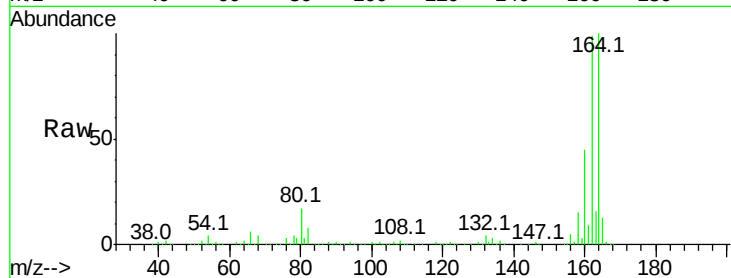
ClientSampleId :

MH-0-12FT-COMP

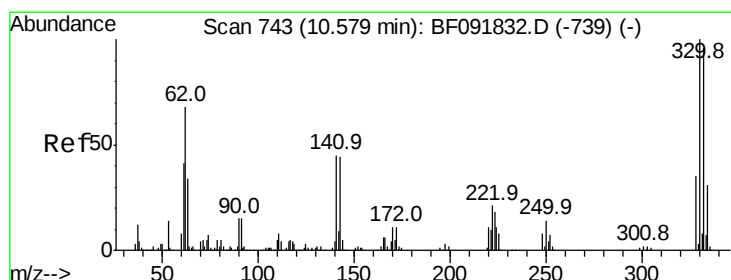
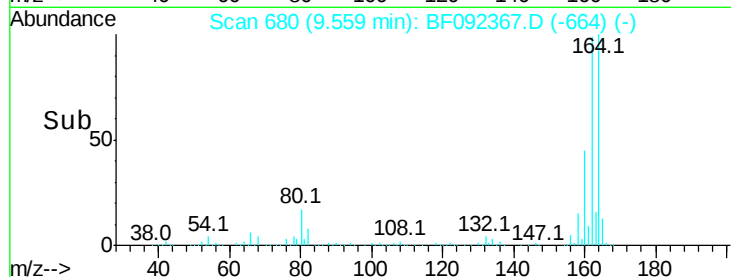
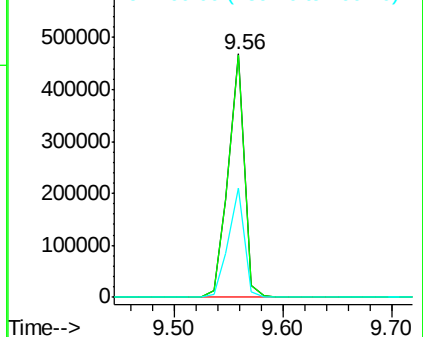
Tot Ion:	164	Resp:	478128
Ion Ratio	Lower	Upper	
164	100		
162	99.5	80.2	120.2
160	44.7	36.9	55.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 110.23 ng

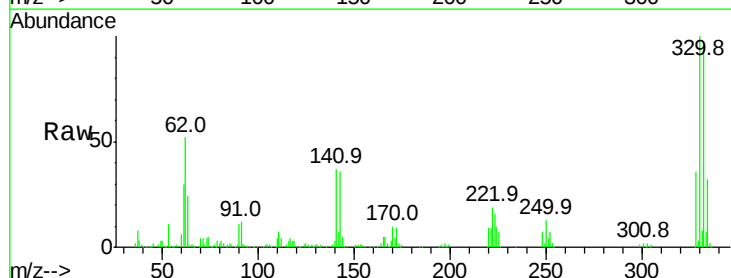
RT: 10.35 min Scan# 749

Delta R.T. -0.12 min

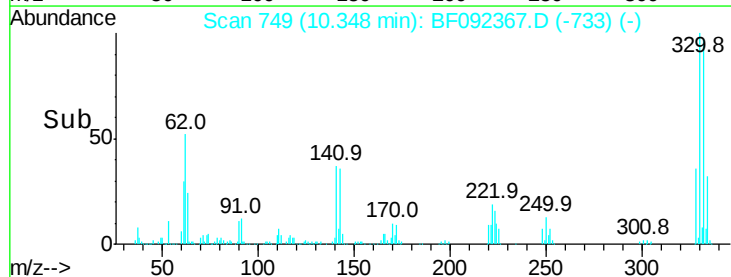
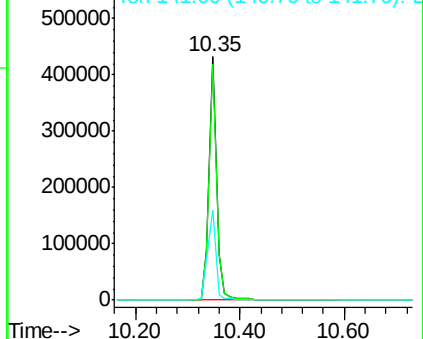
Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

Tgt Ion:	330	Resp:	436172
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.4	116.2
141	39.8	34.1	51.1



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





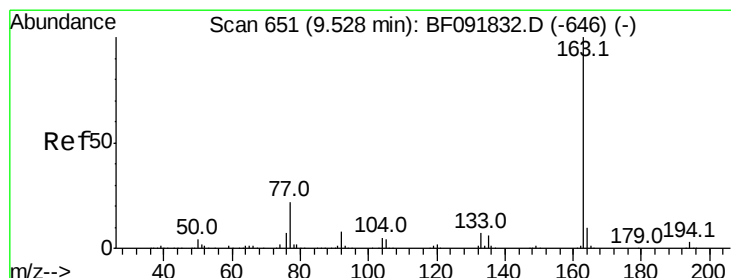
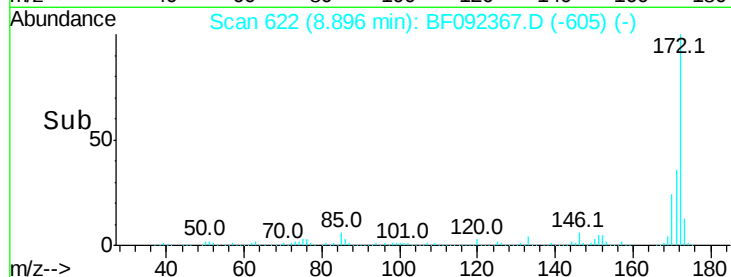
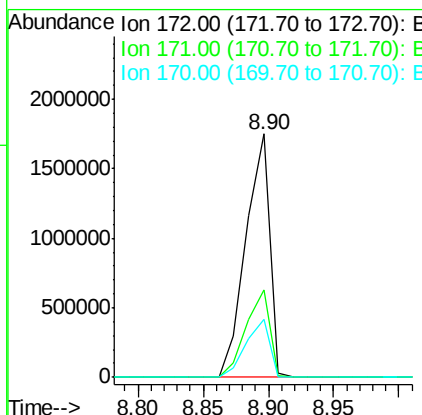
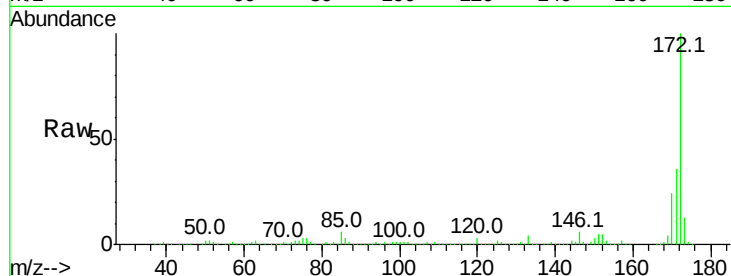
#44
2-Fluorobiphenyl
Concen: 97.54 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.11 min
Lab File: BF092367.D
Acq: 20 Jan 2017 12:30

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.9	20.2	30.4

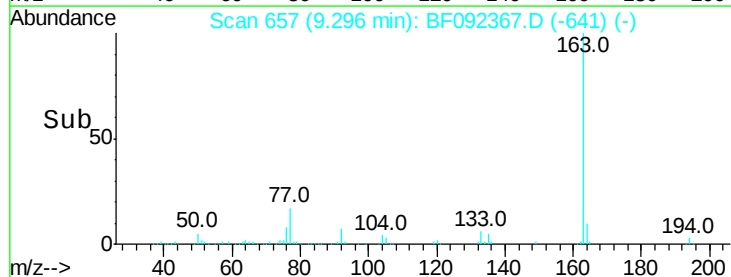
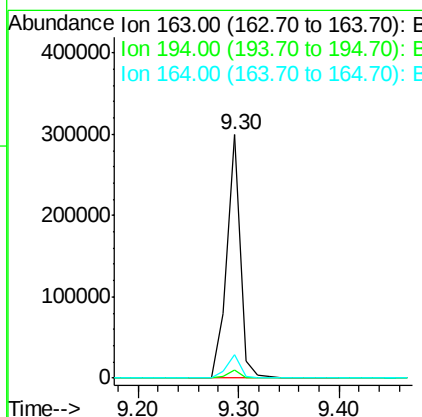
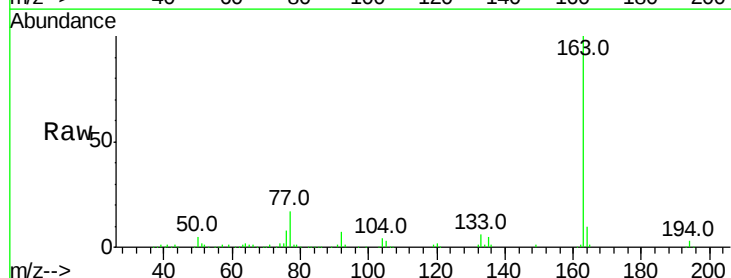
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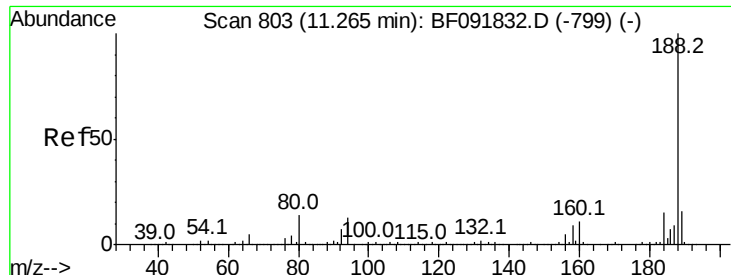
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#49
Dimethylphthalate
Concen: 9.13 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.12 min
Lab File: BF092367.D
Acq: 20 Jan 2017 12:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.6	8.0	12.0





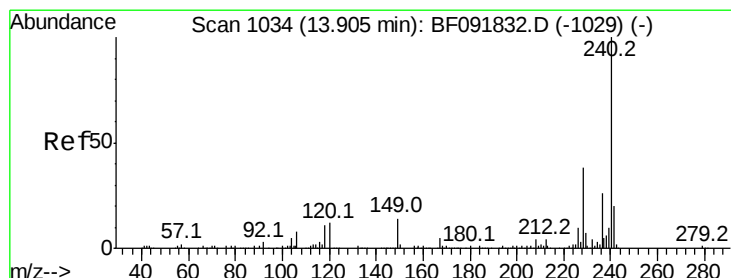
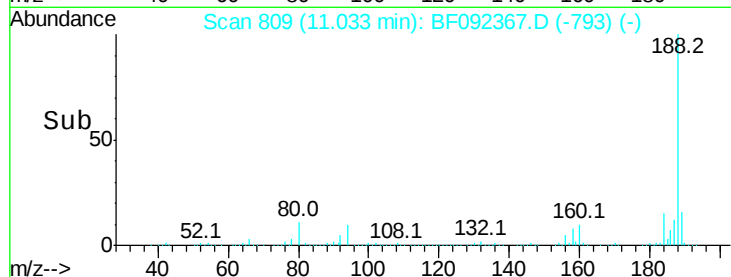
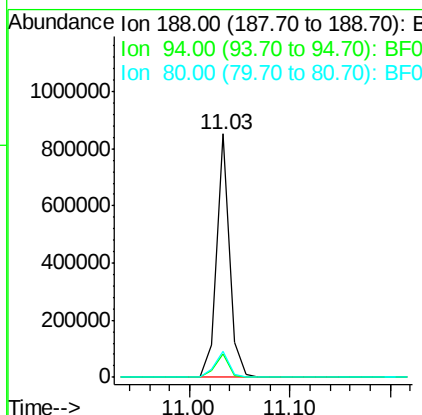
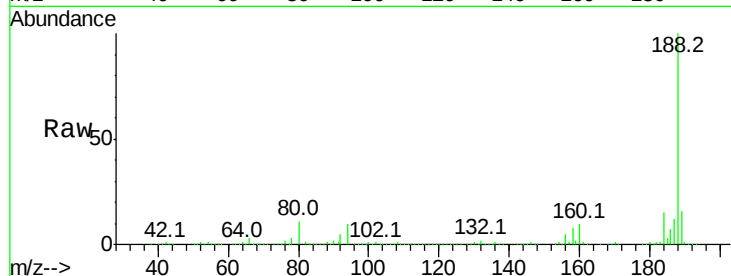
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.12 min
Lab File: BF092367.D
Acq: 20 Jan 2017 12:30

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	761643		
94	9.8	10.0	15.0#	
80	10.7	11.2	16.8#	

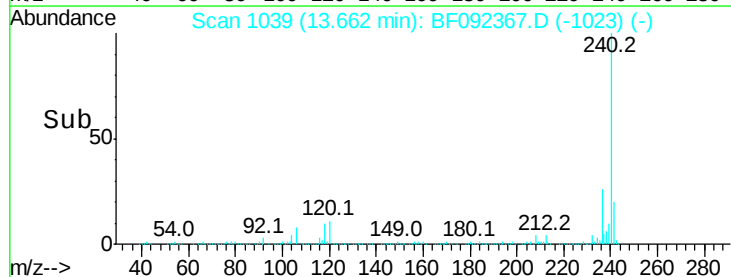
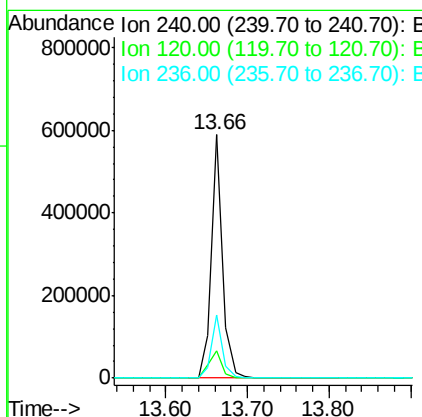
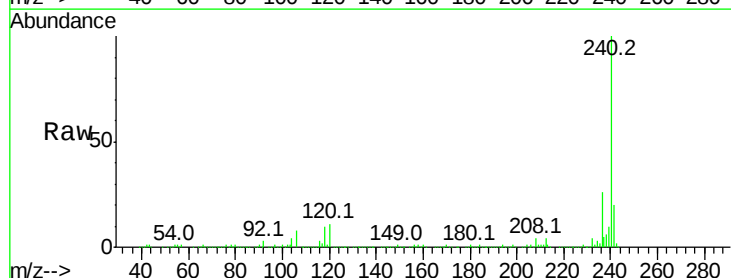
Manual Integrations
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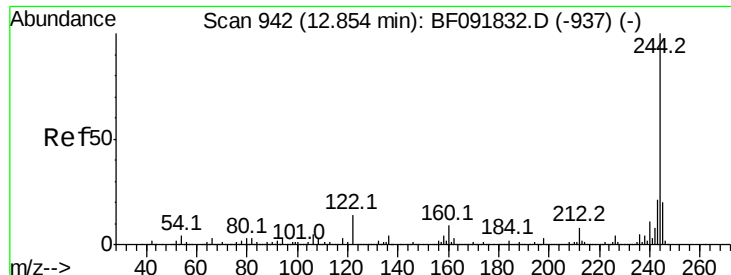
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1039
Delta R.T. -0.12 min
Lab File: BF092367.D
Acq: 20 Jan 2017 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	576140		
120	11.0	12.9	19.3#	
236	25.7	20.9	31.3	





#78

Terphenyl-d14

Concen: 72.11 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.12 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

Tot Ion:244 Resp: 1713089

Ion Ratio Lower Upper

244 100

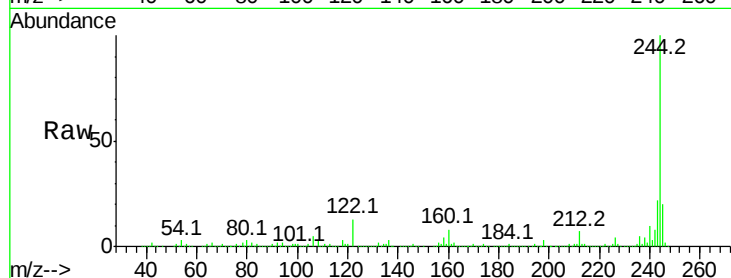
212 7.4 6.2 9.2

122 13.4 11.4 17.2

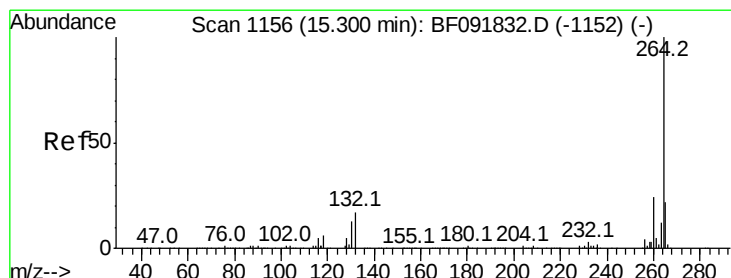
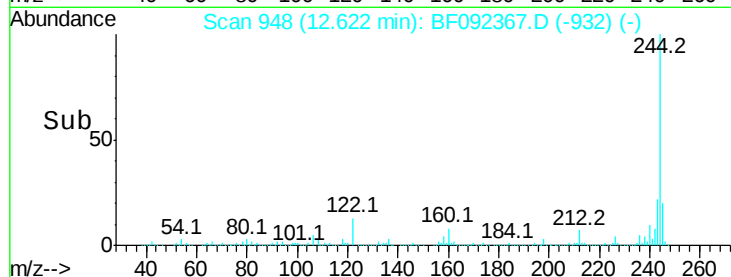
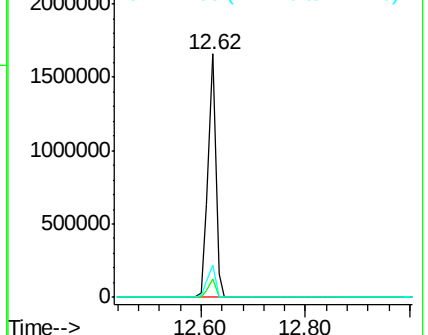
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.01 min Scan# 1157

Delta R.T. -0.13 min

Lab File: BF092367.D

Acq: 20 Jan 2017 12:30

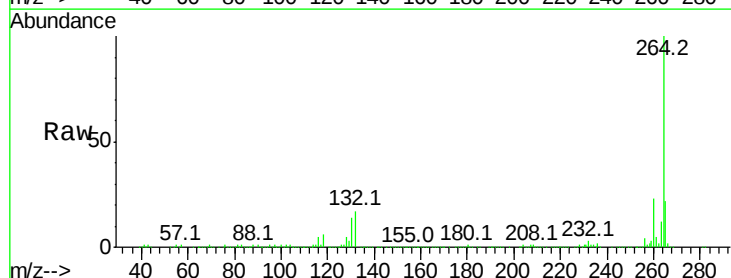
Tgt Ion:264 Resp: 446325

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.6 17.4 26.0



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

