

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092462.D
 Acq On : 25 Jan 2017 6:31
 Operator : UM/SJ
 Sample : I1408-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-STONEDUST-SE

Quant Time: Jan 25 07:00:36 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

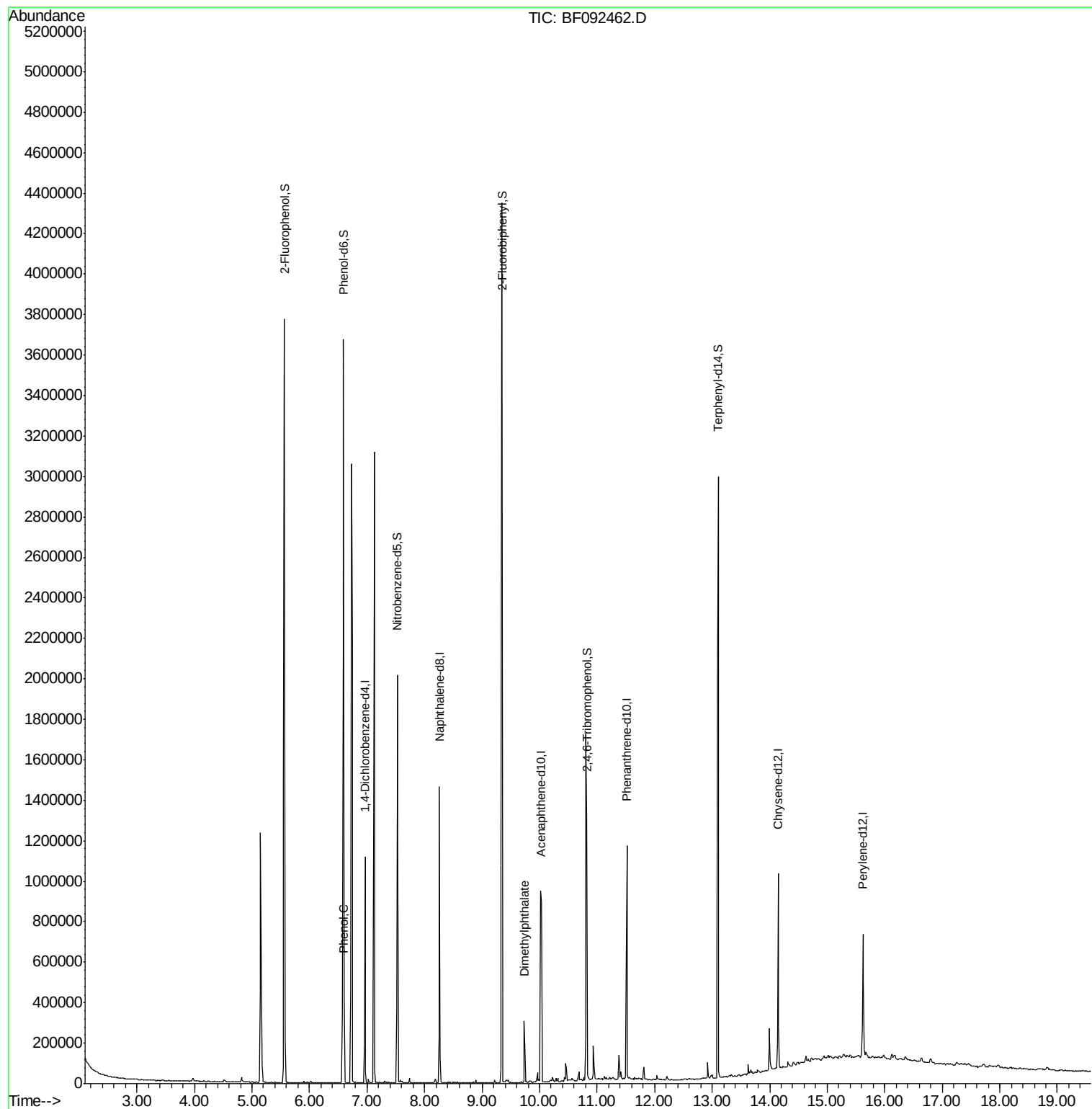
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	149734	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	600879	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	305718	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	501088	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	320210	20.00	ng	-0.02
86) Perylene-d12	15.62	264	293848	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1022575	106.25	ng	0.01
7) Phenol-d6	6.59	99	1436050	117.14	ng	0.00
23) Nitrobenzene-d5	7.53	82	834671	75.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	269899	129.55	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1354572	81.93	ng	-0.01
78) Terphenyl-d14	13.11	244	1185445	98.58	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	110721	7.48	ng	# 65
49) Dimethylphthalate	9.73	163	148501	7.64	ng	# 98

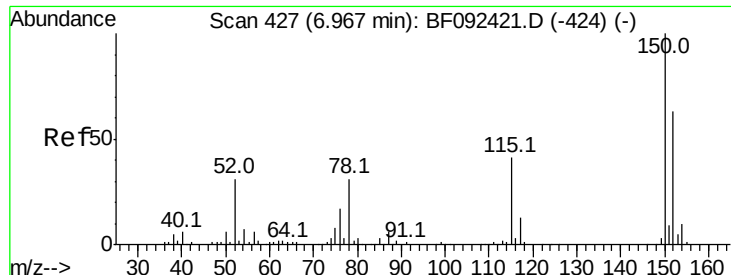
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092462.D

Acq: 25 Jan 2017 6:31

Instrument :

BNA_F

ClientSampleId :

TILCON-STONEDUST-SE

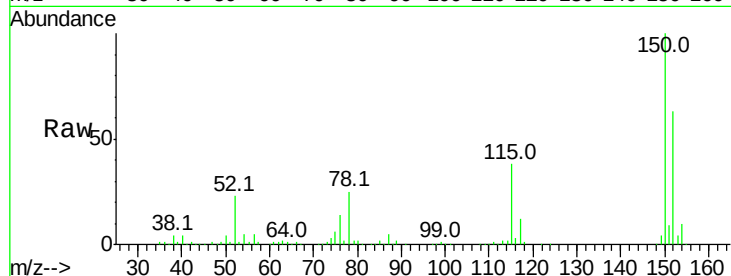
Tot Ion:152 Resp: 149734

Ion Ratio Lower Upper

152 100

150 158.1 124.9 187.3

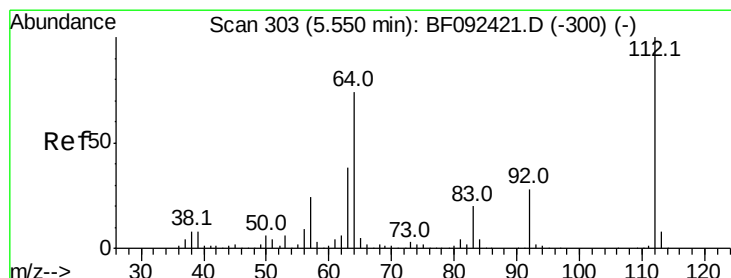
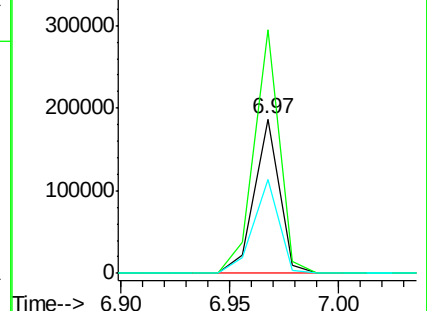
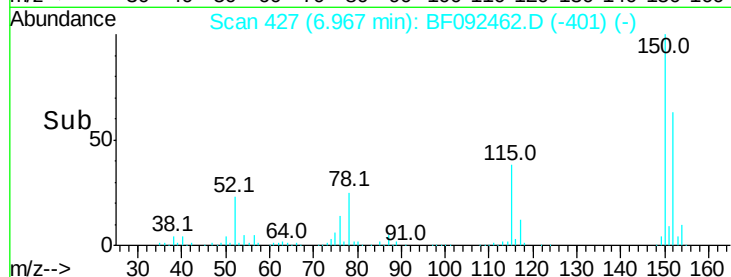
115 60.7 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 106.25 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092462.D

Acq: 25 Jan 2017 6:31

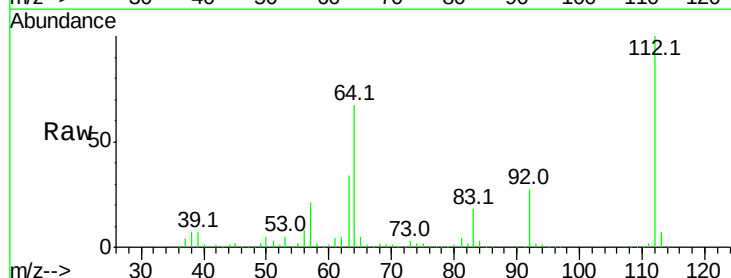
Tgt Ion:112 Resp: 1022575

Ion Ratio Lower Upper

112 100

64 66.8 46.1 69.1

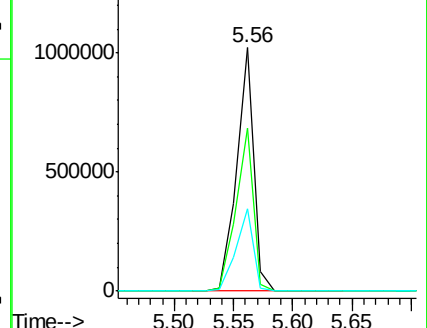
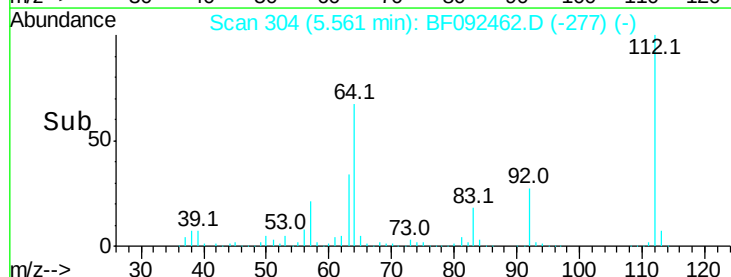
63 33.9 23.8 35.6

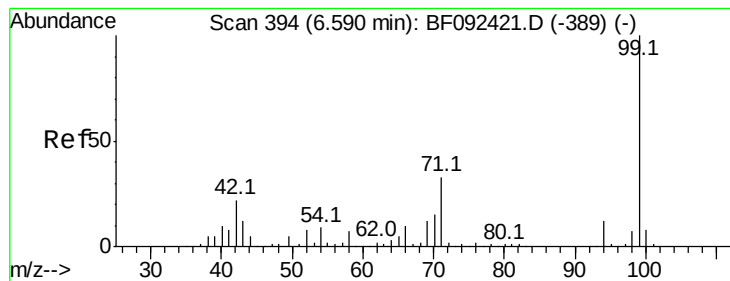


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.14 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092462.D

Acq: 25 Jan 2017 6:31

Instrument :

BNA_F

ClientSampleId :

TILCON-STONEDUST-SE

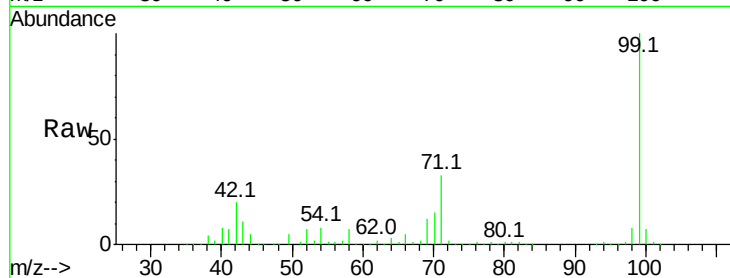
Tot Ion: 99 Resp: 1436050

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

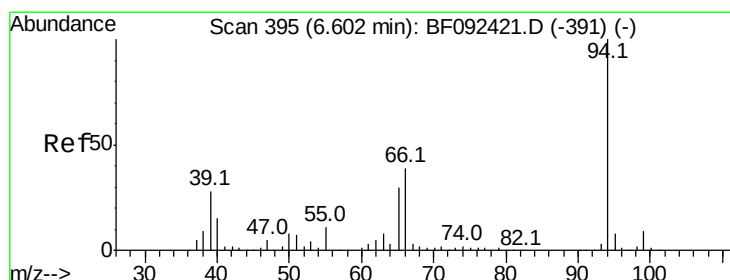
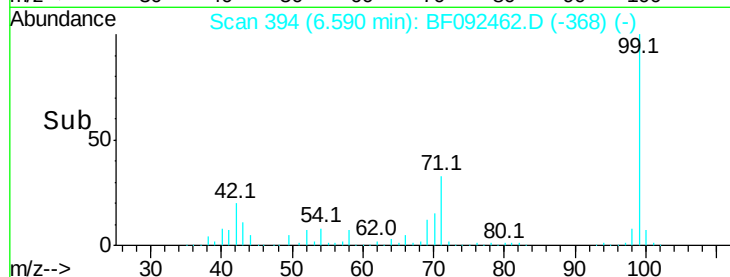
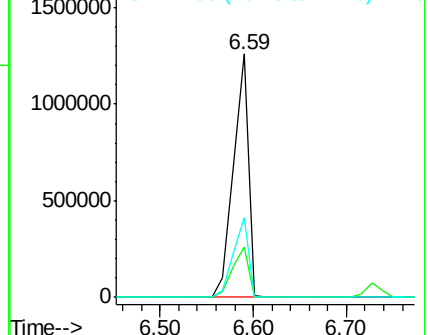
71 32.9 27.5 41.3



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: 7.48 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092462.D

Acq: 25 Jan 2017 6:31

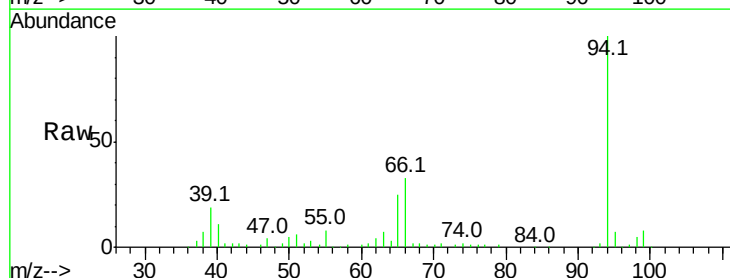
Tgt Ion: 94 Resp: 110721

Ion Ratio Lower Upper

94 100

65 25.2 21.4 61.4

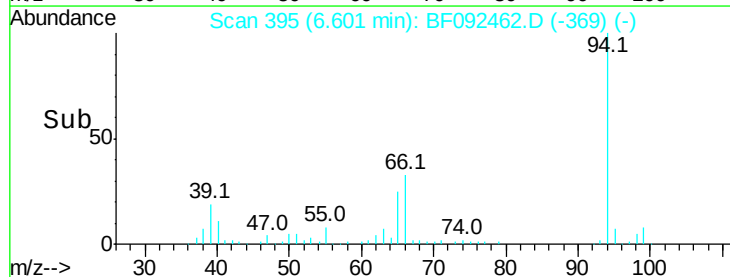
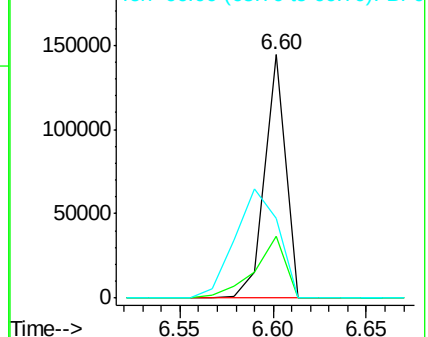
66 32.5 44.0 84.0#

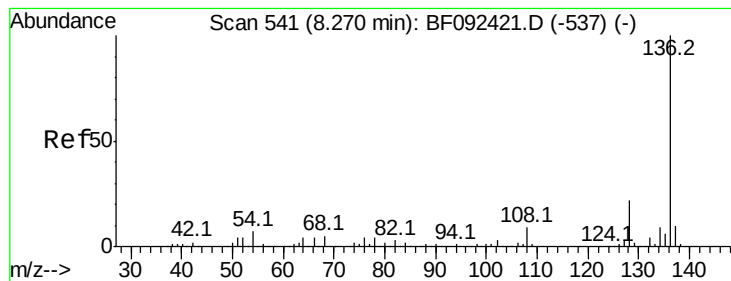


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092462.D

Acq: 25 Jan 2017 6:31

Instrument :

BNA_F

ClientSampleId :

TILCON-STONEDUST-SE

Tot Ion:136 Resp: 600879

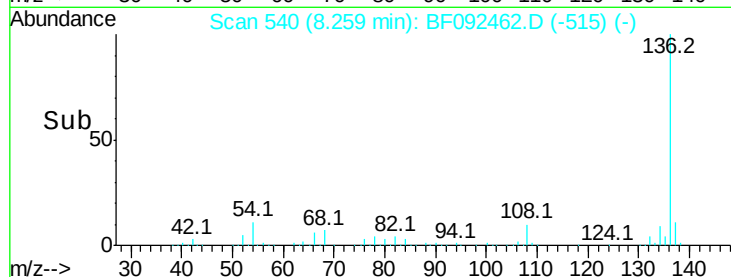
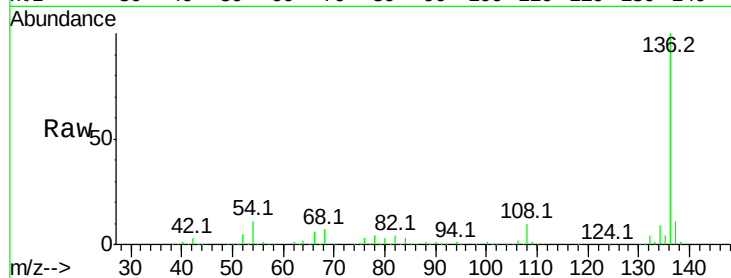
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.5 4.5 6.7#

68 7.3 3.6 5.4#

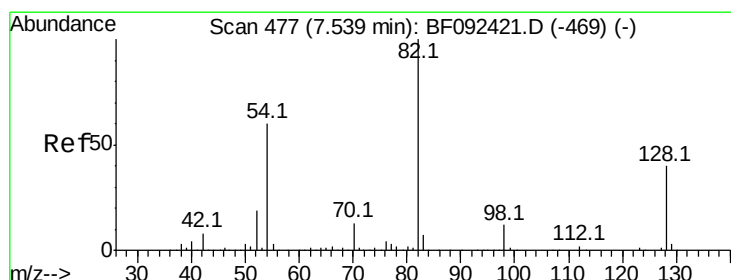
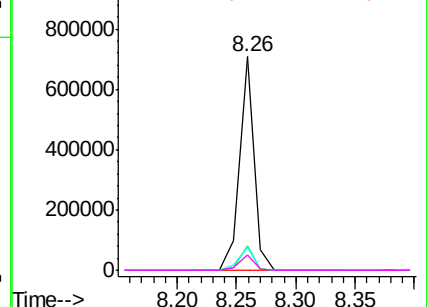


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.88 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF092462.D

Acq: 25 Jan 2017 6:31

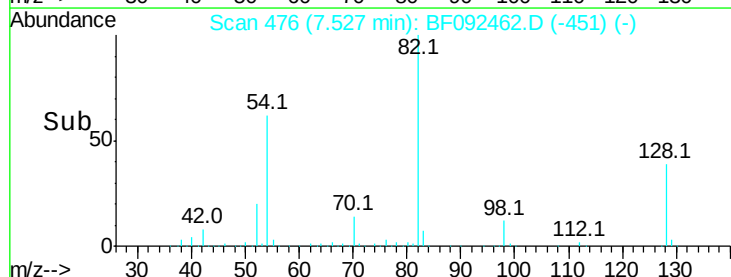
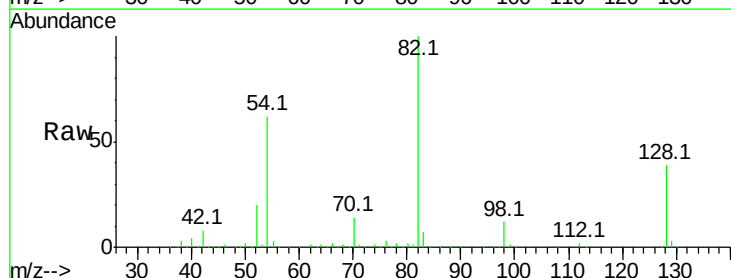
Tgt Ion: 82 Resp: 834671

Ion Ratio Lower Upper

82 100

128 39.3 34.6 52.0

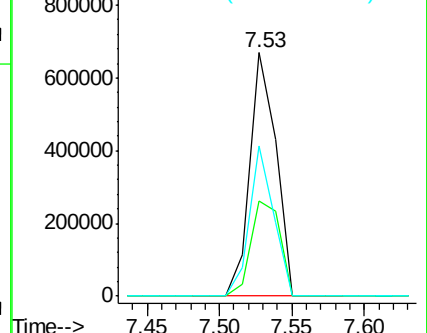
54 61.9 39.5 59.3#

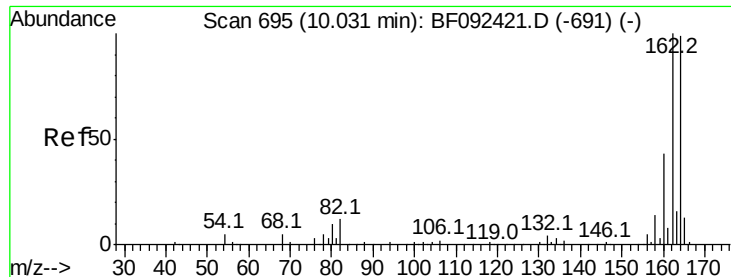


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

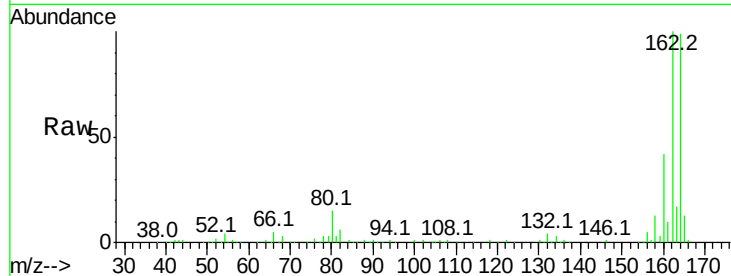




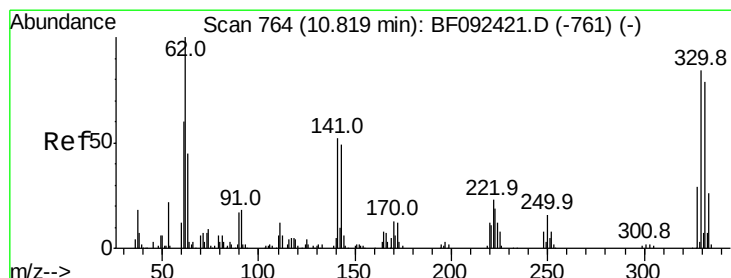
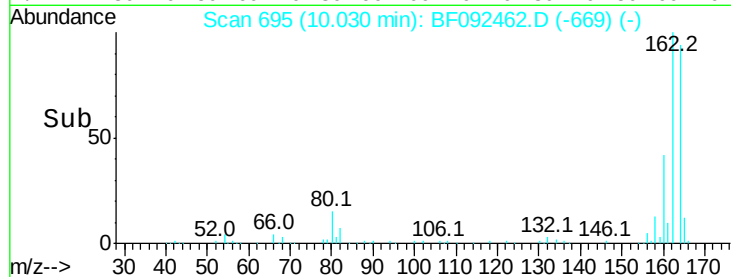
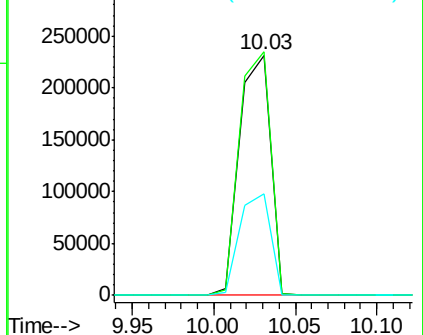
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092462.D
Acq: 25 Jan 2017 6:31

Instrument :
BNA_F
ClientSampleId :
TILCON-STONEDUST-SE

Tot Ion:164 Resp: 305718
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 42.4 36.9 55.3

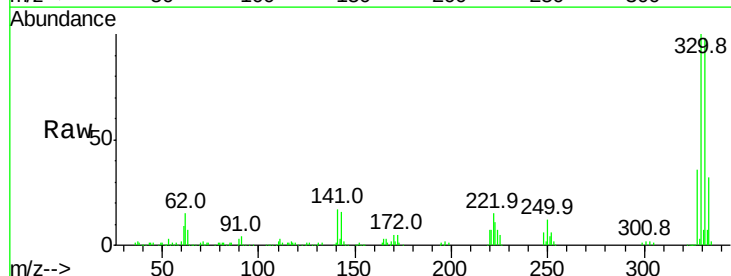


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

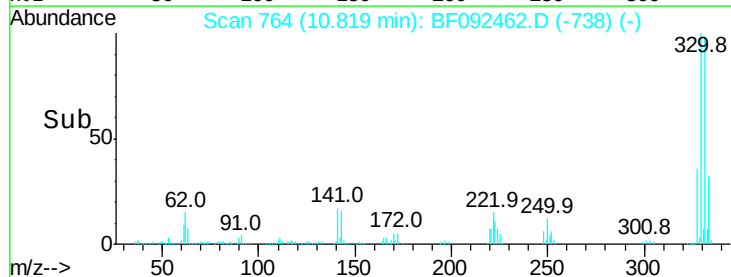
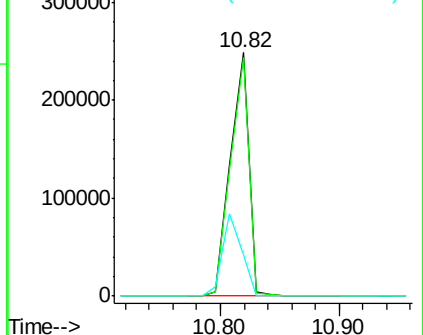


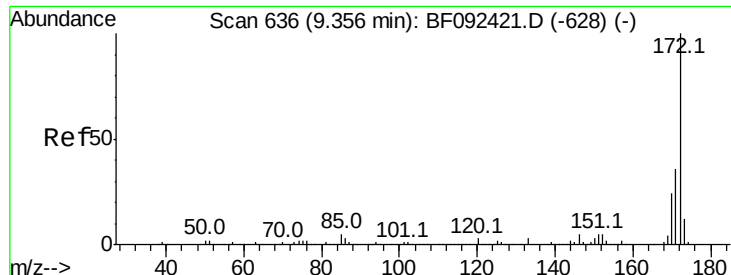
#41
2,4,6-Tribromophenol
Concen: 129.55 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092462.D
Acq: 25 Jan 2017 6:31

Tgt Ion:330 Resp: 269899
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.2
141 34.6 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

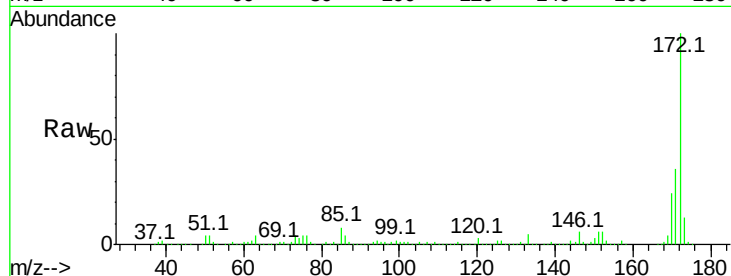




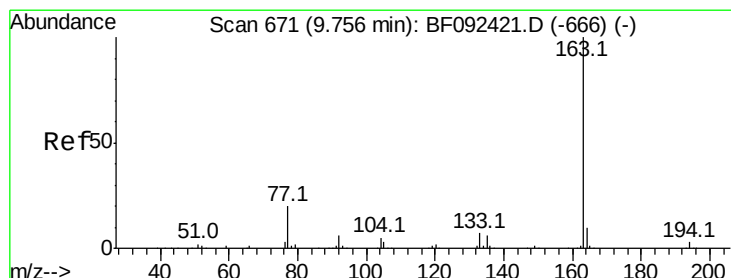
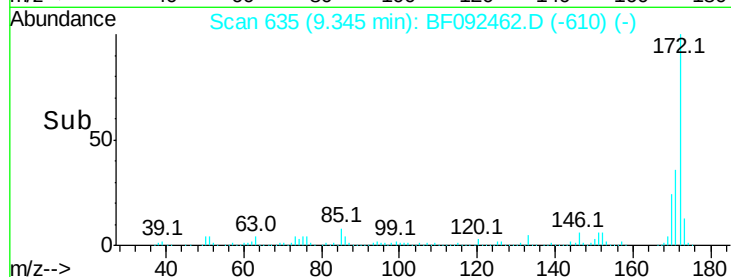
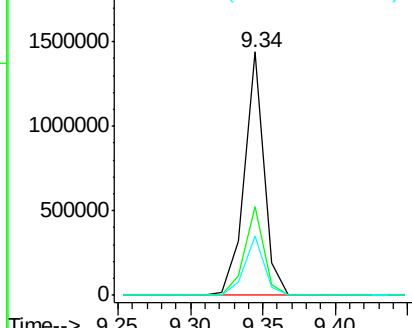
#44
2-Fluorobiphenyl
Concen: 81.93 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092462.D
Acq: 25 Jan 2017 6:31

Instrument :
BNA_F
ClientSampleId :
TILCON-STONEDUST-SE

Tot Ion:172 Resp: 1354572
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.3 20.2 30.4

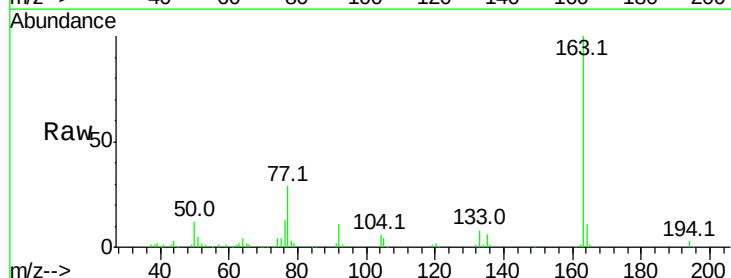


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

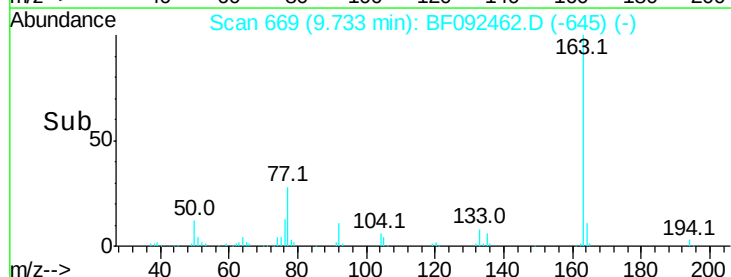
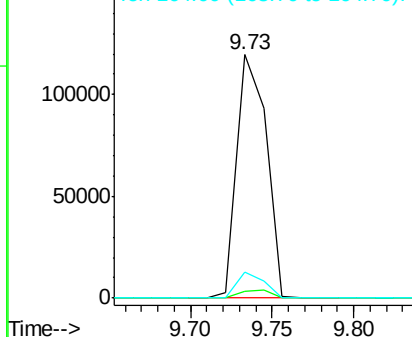


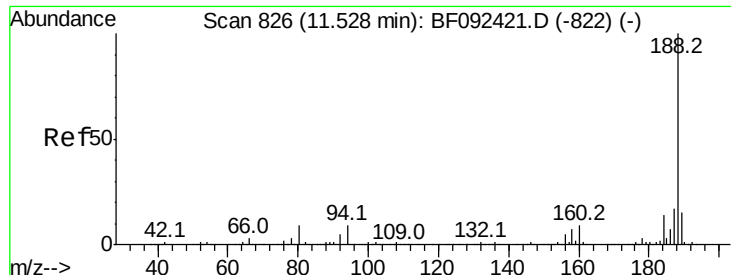
#49
Dimethylphthalate
Concen: 7.64 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092462.D
Acq: 25 Jan 2017 6:31

Tgt Ion:163 Resp: 148501
Ion Ratio Lower Upper
163 100
194 2.8 3.0 4.4#
164 10.5 8.0 12.0



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

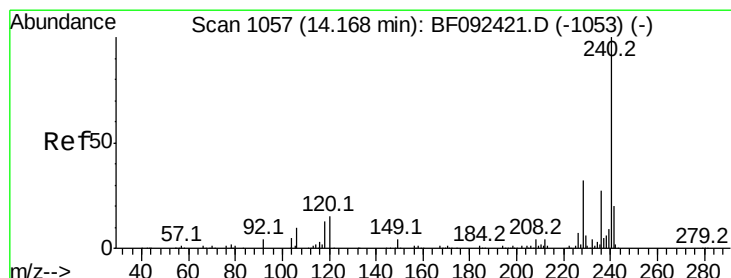
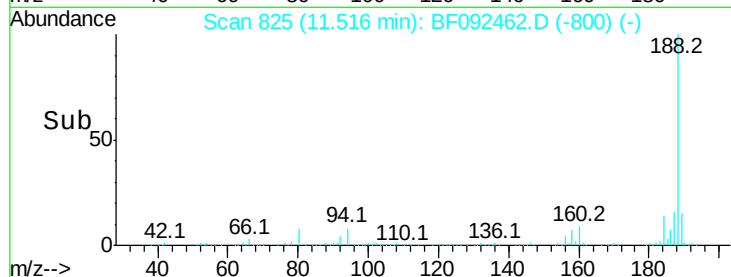
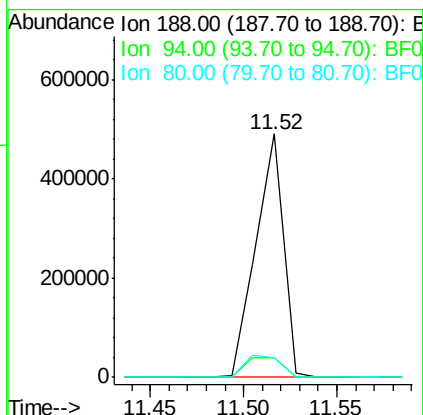
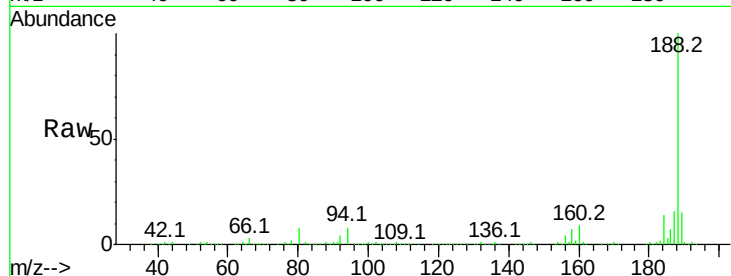




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092462.D
Acq: 25 Jan 2017 6:31

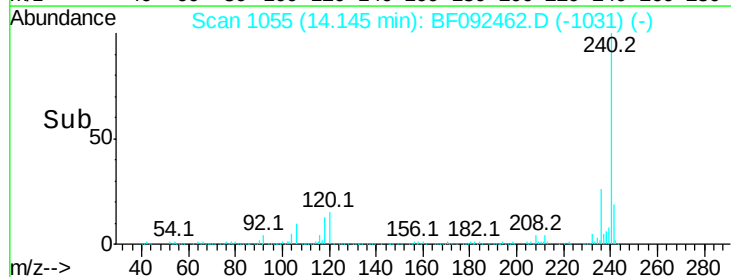
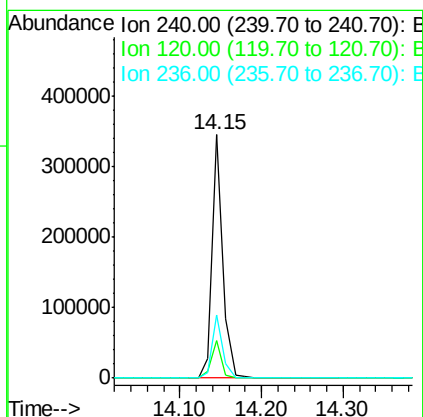
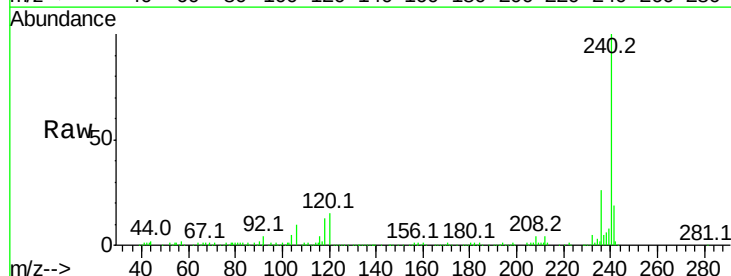
Instrument :
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TILCON-STONEDUST-SE

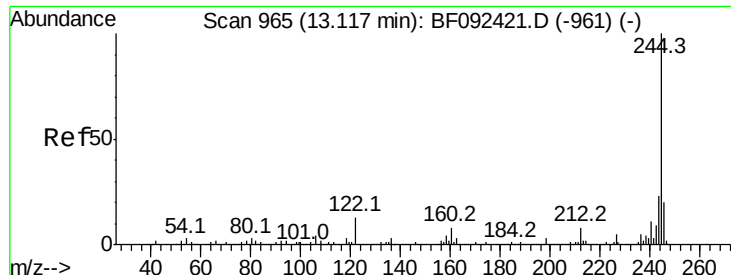
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	10.0	15.0#
80	8.3	11.2	16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092462.D
Acq: 25 Jan 2017 6:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	12.9	19.3
236	26.0	20.9	31.3





#78

Terphenyl-d14

Concen: 98.58 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092462.D

Acq: 25 Jan 2017 6:31

Instrument :

BNA_F

ClientSampleId :

TILCON-STONEDUST-SE

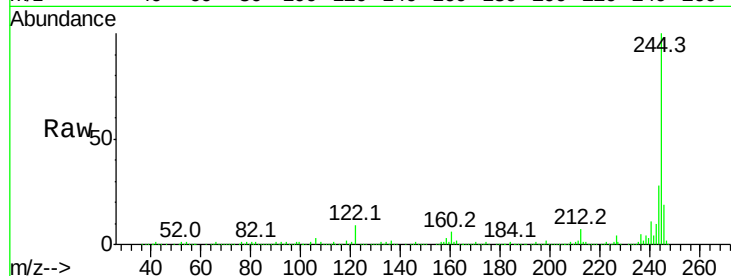
Tot Ion:244 Resp: 1185445

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

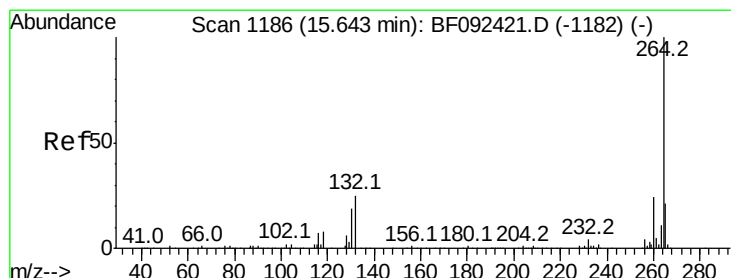
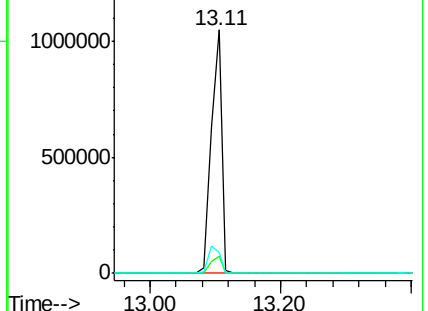
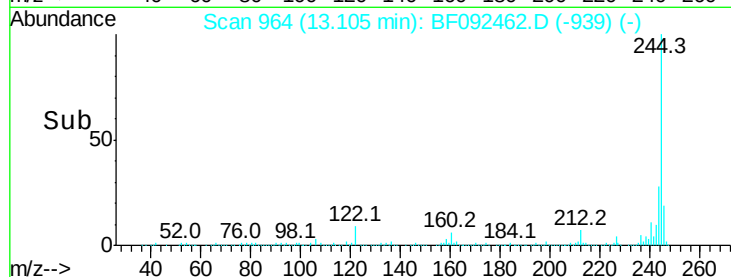
122 8.7 11.4 17.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.62 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF092462.D

Acq: 25 Jan 2017 6:31

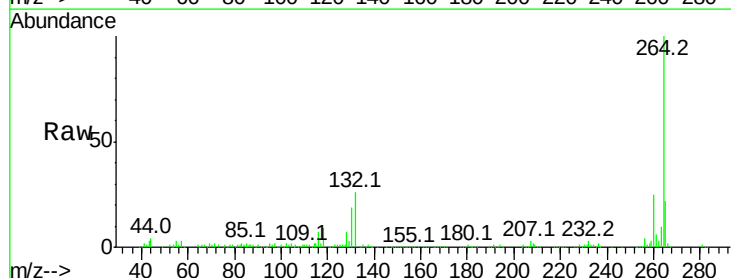
Tgt Ion:264 Resp: 293848

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.7 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

