

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092461.D
 Acq On : 25 Jan 2017 6:04
 Operator : UM/SJ
 Sample : I1413-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-STONEDUST-BF

Quant Time: Jan 25 06:36:11 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

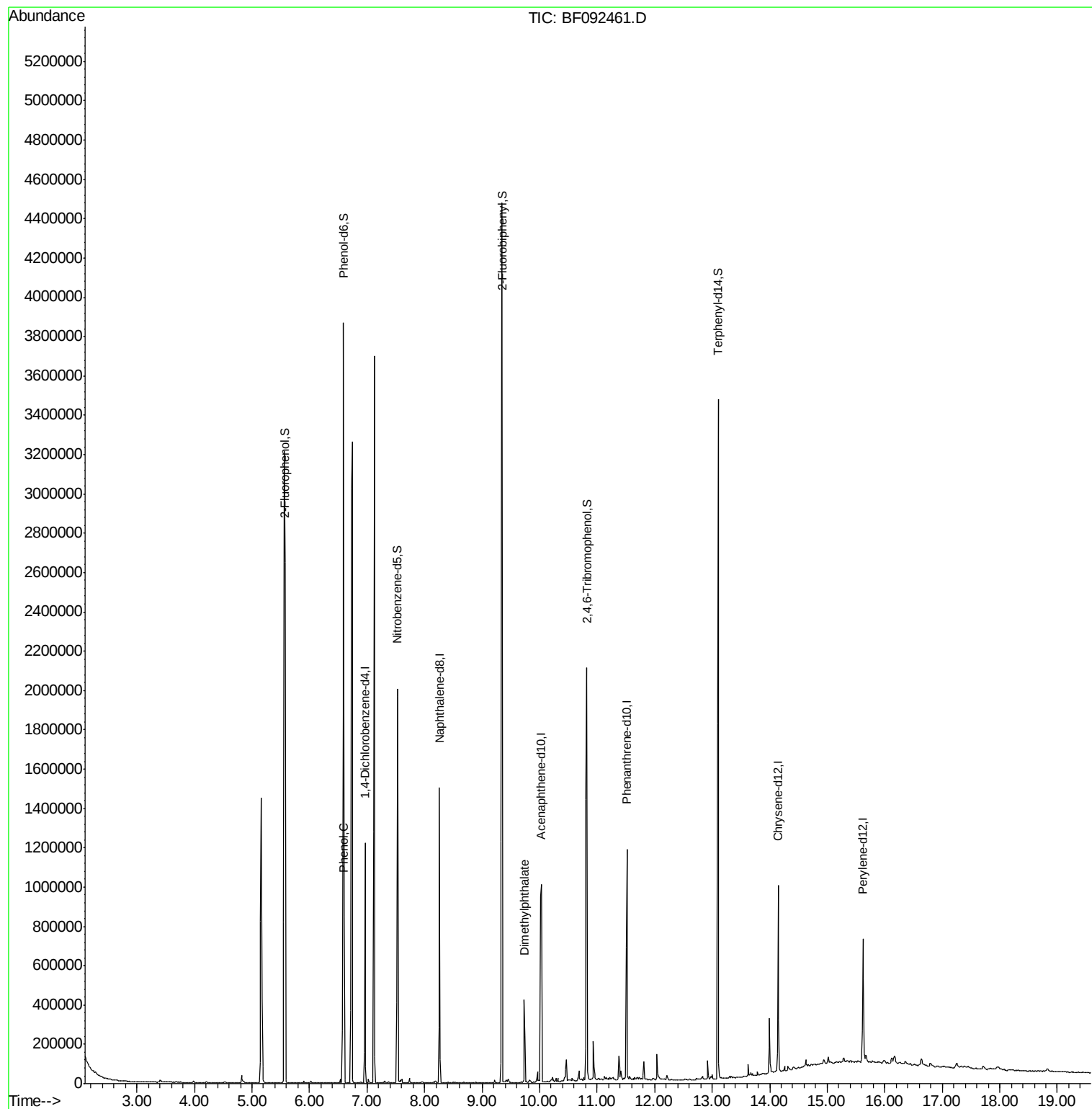
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161126	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	625172	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	327985	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	513657	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	321858	20.00	ng	-0.02
86) Perylene-d12	15.62	264	312221	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1300857	125.61	ng	0.02
7) Phenol-d6	6.59	99	1455104	110.31	ng	0.00
23) Nitrobenzene-d5	7.53	82	1014596	88.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	291554	130.44	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1469838	82.87	ng	-0.01
78) Terphenyl-d14	13.11	244	1200892	99.35	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	159356	10.01	ng	# 70
49) Dimethylphthalate	9.73	163	206366	9.89	ng	# 98

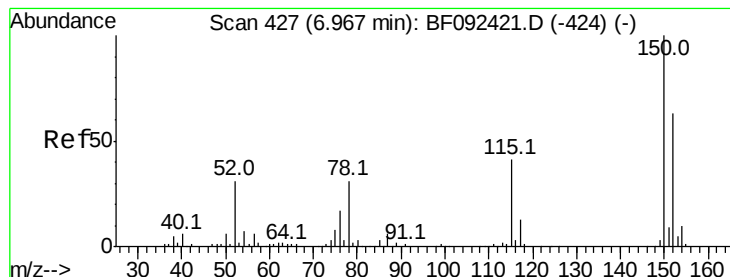
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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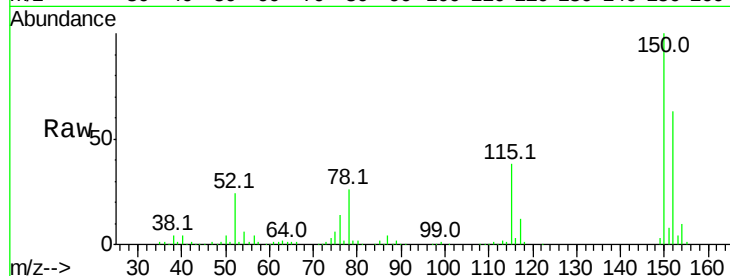


#1

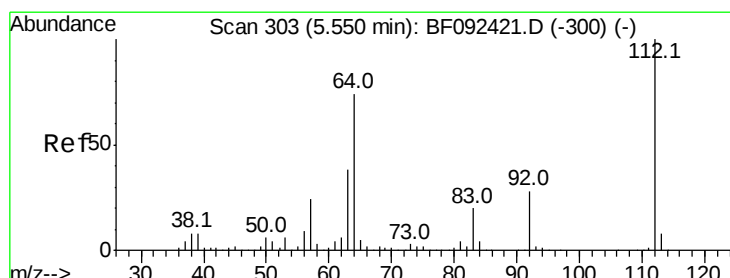
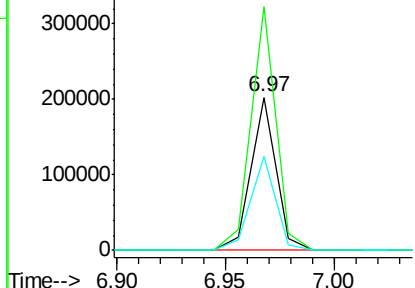
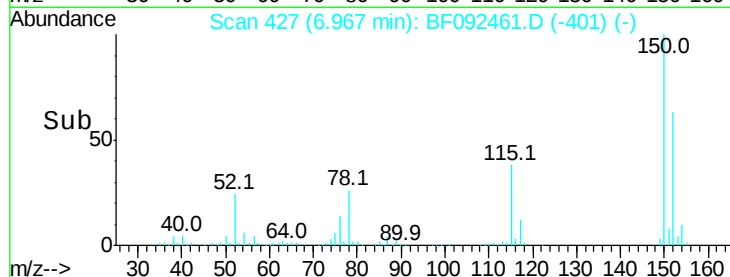
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF092461.D
 Acq: 25 Jan 2017 6:04

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-STONEDUST-BF

Tot Ion:152 Resp: 161126
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.9 187.3
 115 61.1 46.0 69.0



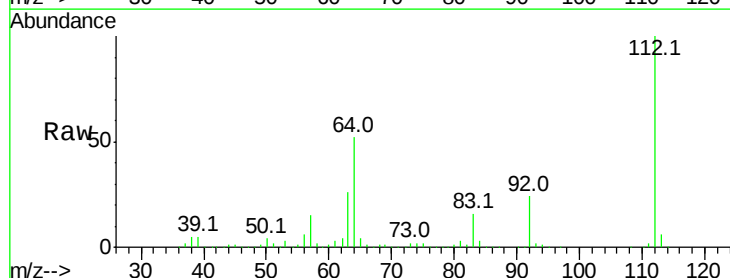
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



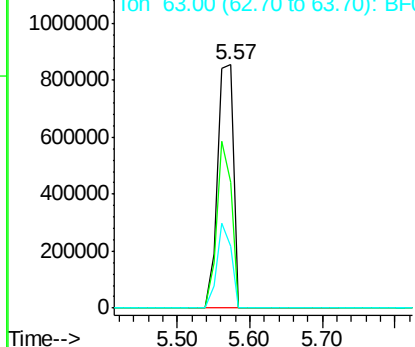
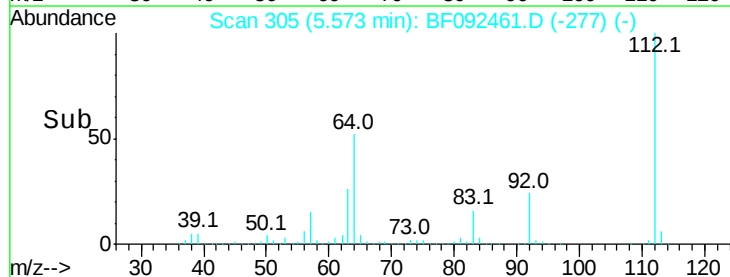
#5

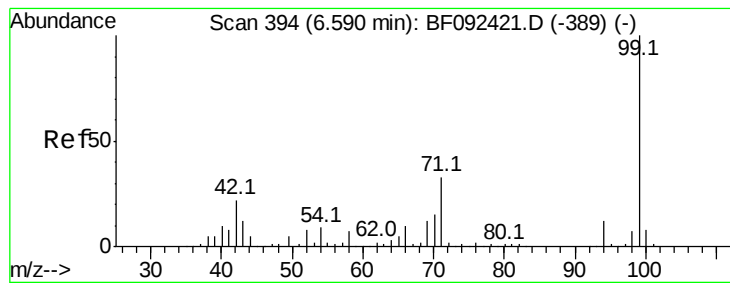
2-Fluorophenol
 Concen: 125.61 ng
 RT: 5.57 min Scan# 305
 Delta R.T. 0.02 min
 Lab File: BF092461.D
 Acq: 25 Jan 2017 6:04

Tgt Ion:112 Resp: 1300857
 Ion Ratio Lower Upper
 112 100
 64 51.7 46.1 69.1
 63 25.6 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: 110.31 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092461.D

Acq: 25 Jan 2017 6:04

Instrument :

BNA_F

ClientSampleId :

TILCON-STONEDUST-BF

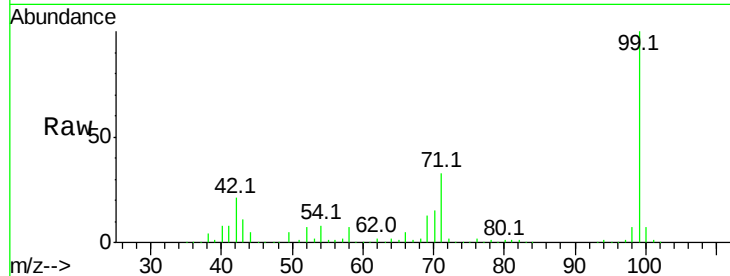
Tot Ion: 99 Resp: 1455104

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

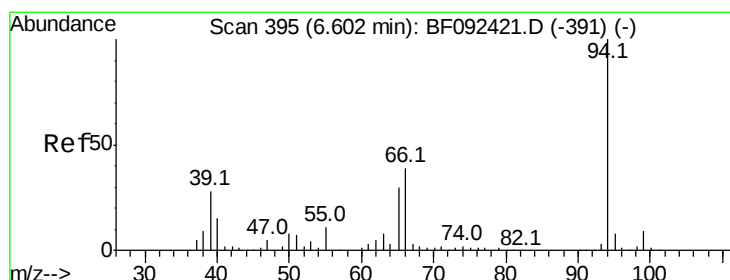
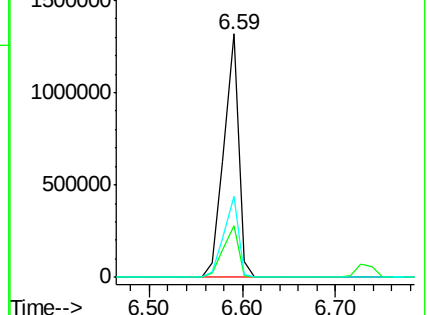
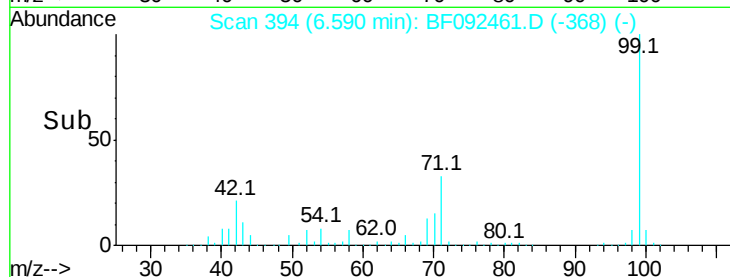
71 33.2 27.5 41.3



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: 10.01 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092461.D

Acq: 25 Jan 2017 6:04

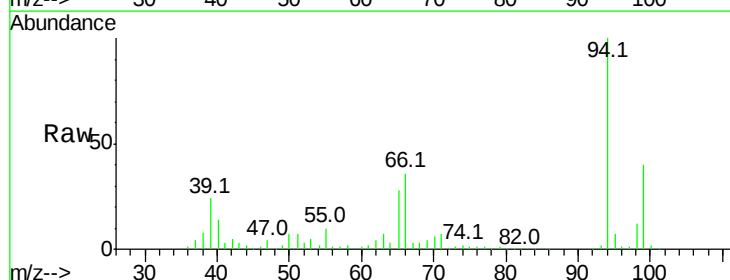
Tgt Ion: 94 Resp: 159356

Ion Ratio Lower Upper

94 100

65 27.6 21.4 61.4

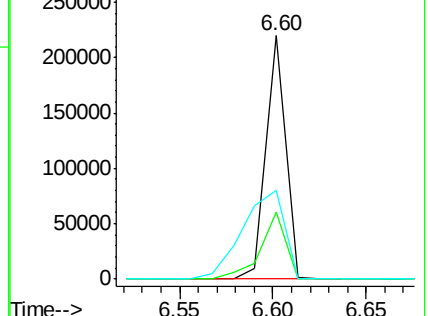
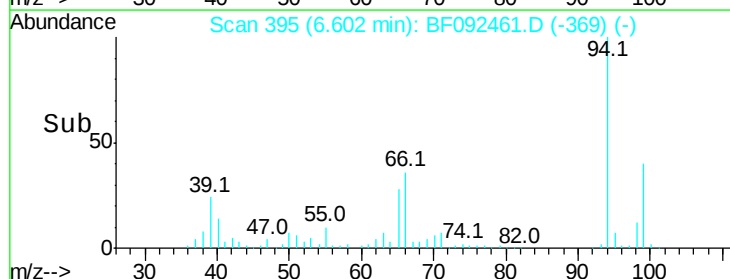
66 36.5 44.0 84.0#

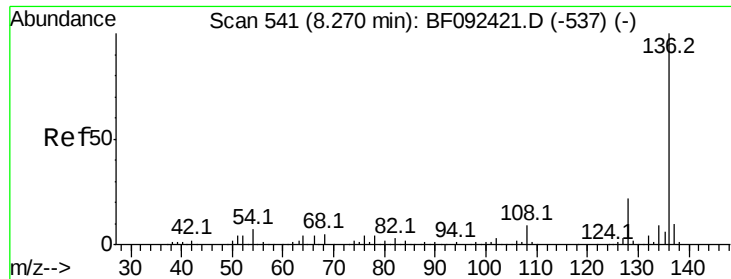


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

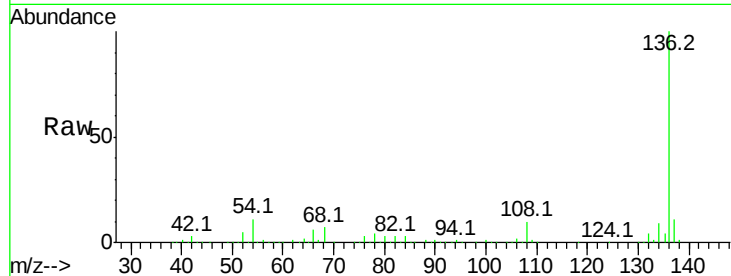




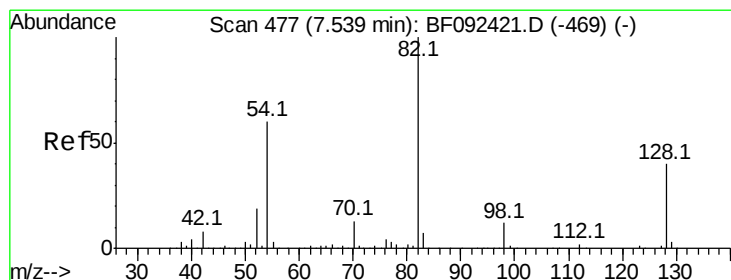
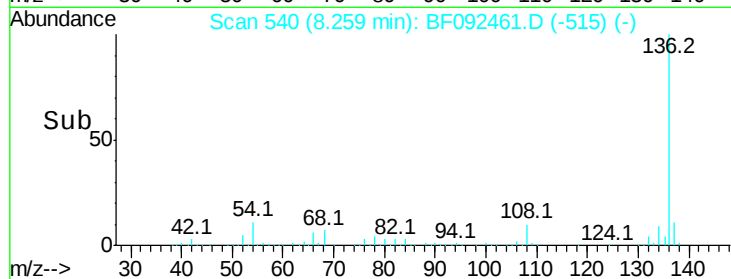
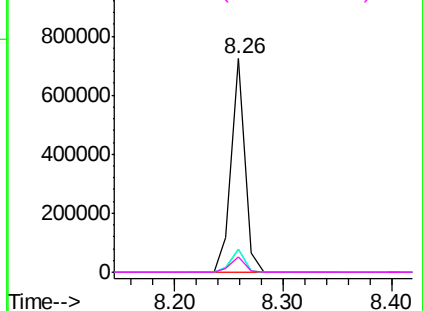
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092461.D
Acq: 25 Jan 2017 6:04

Instrument :
BNA_F
ClientSampleId :
TILCON-STONEDUST-BF

Tot Ion:	136	Resp:	625172
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	10.9	4.5	6.7#
68	7.4	3.6	5.4#

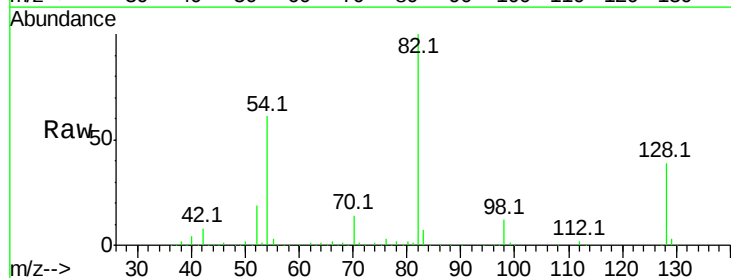


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

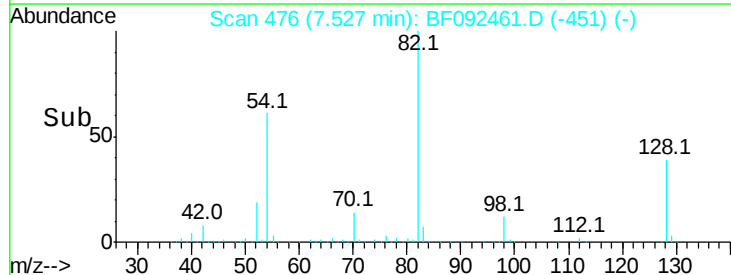
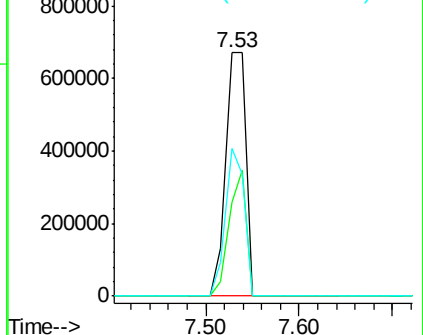


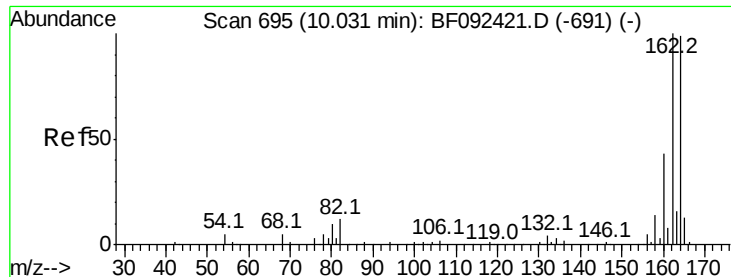
#23
Nitrobenzene-d5
Concen: 88.65 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092461.D
Acq: 25 Jan 2017 6:04

Tgt Ion:	82	Resp:	1014596
Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.6	52.0
54	60.7	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

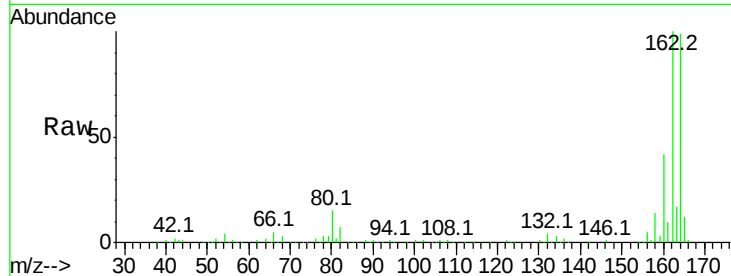




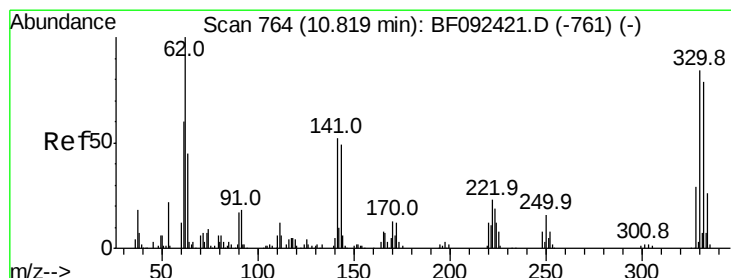
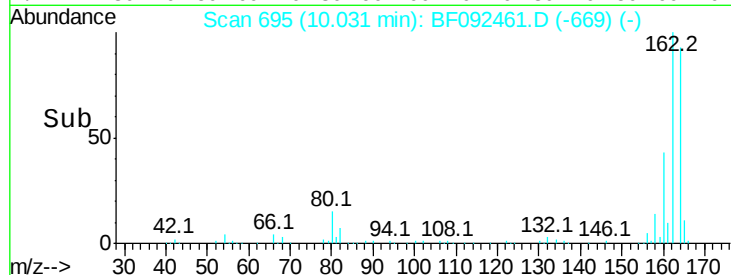
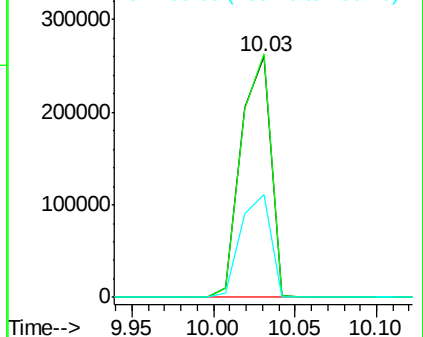
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092461.D
Acq: 25 Jan 2017 6:04

Instrument :
BNA_F
ClientSampleId :
TILCON-STONEDUST-BF

Tot Ion:164 Resp: 327985
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 42.9 36.9 55.3

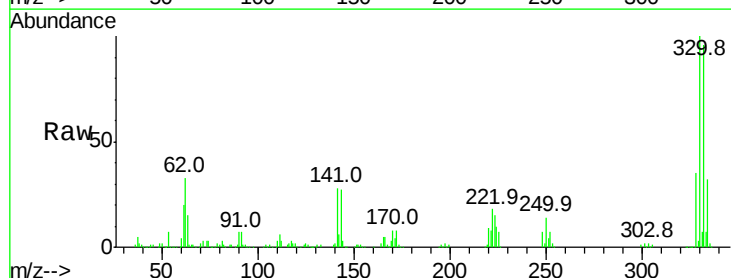


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

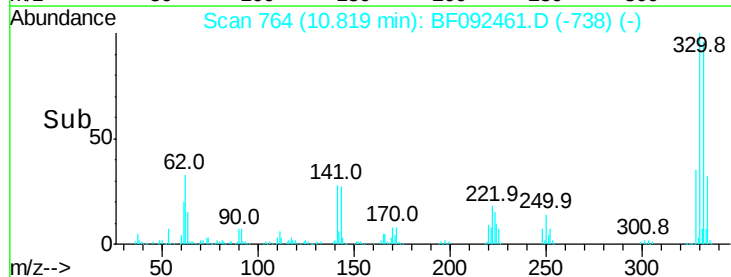
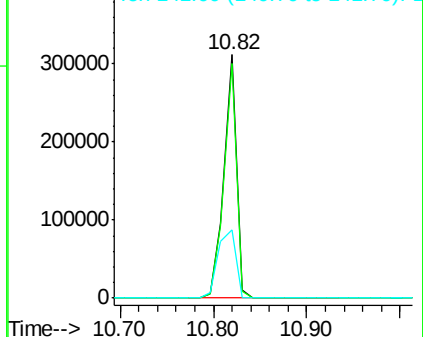


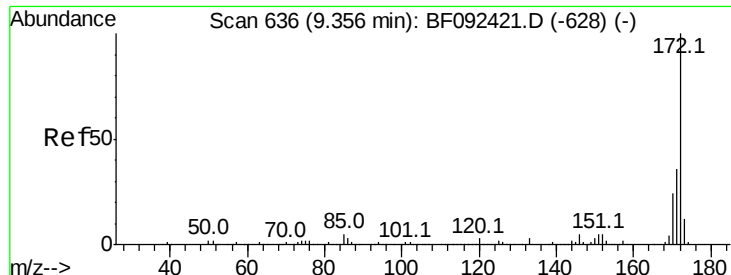
#41
2,4,6-Tribromophenol
Concen: 130.44 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF092461.D
Acq: 25 Jan 2017 6:04

Tgt Ion:330 Resp: 291554
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 39.5 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

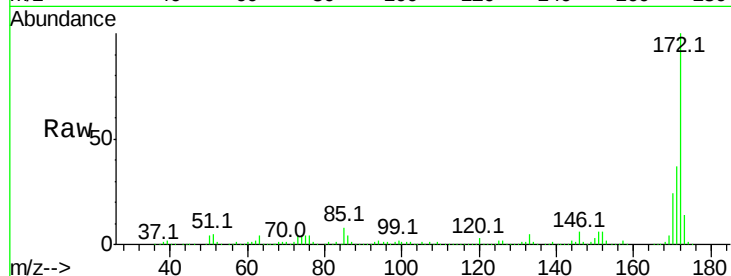




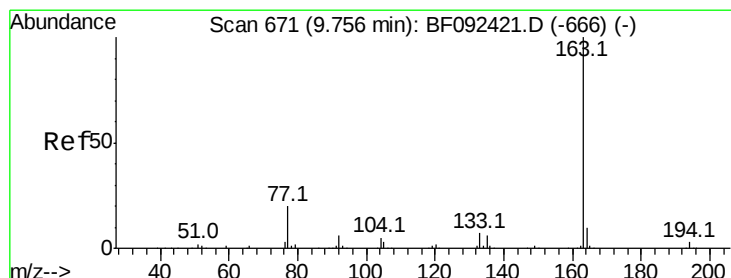
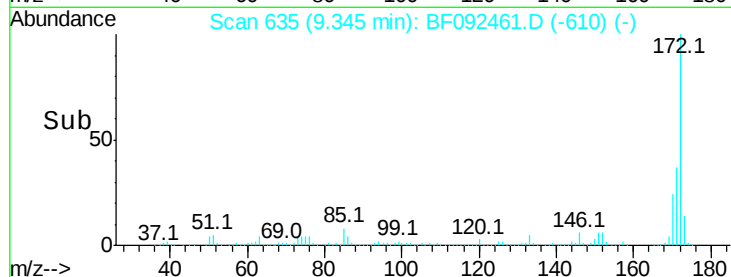
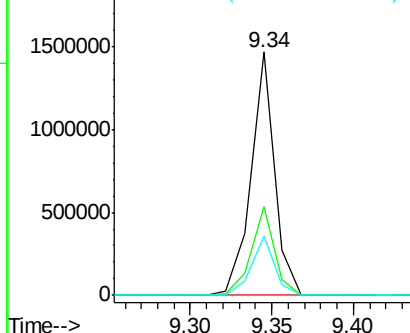
#44
2-Fluorobiphenyl
Concen: 82.87 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092461.D
Acq: 25 Jan 2017 6:04

Instrument :
BNA_F
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TILCON-STONEDUST-BF

Tot Ion:172 Resp: 1469838
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.4 20.2 30.4

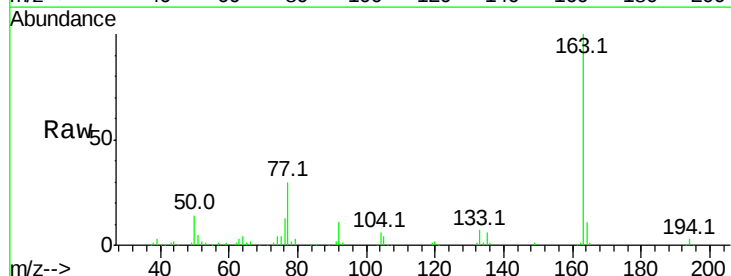


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

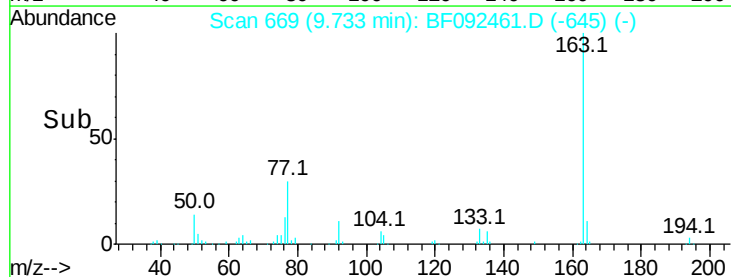
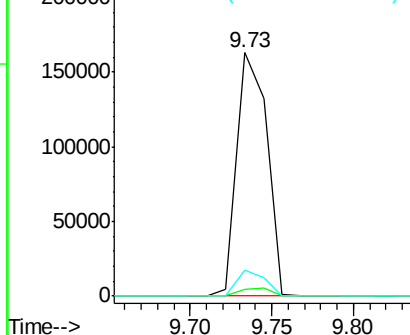


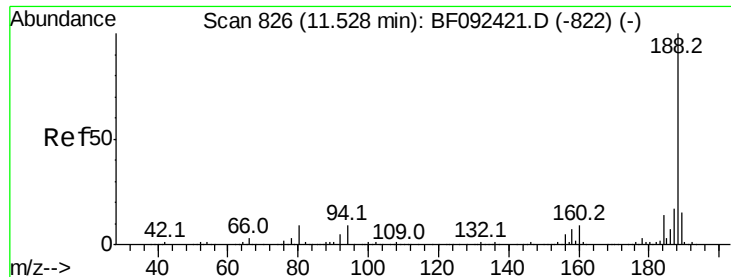
#49
Dimethylphthalate
Concen: 9.89 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092461.D
Acq: 25 Jan 2017 6:04

Tgt Ion:163 Resp: 206366
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.6 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

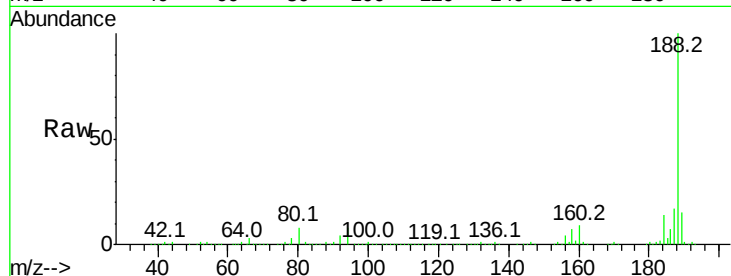




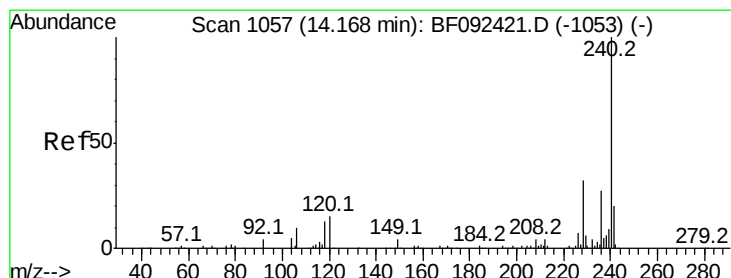
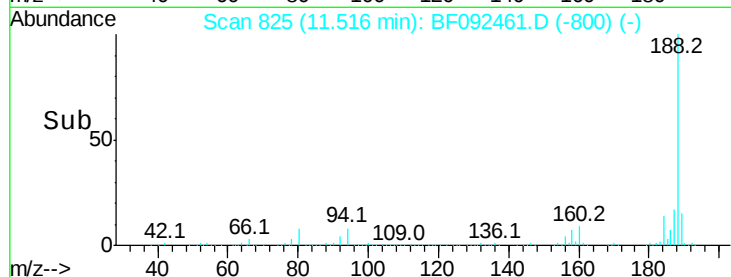
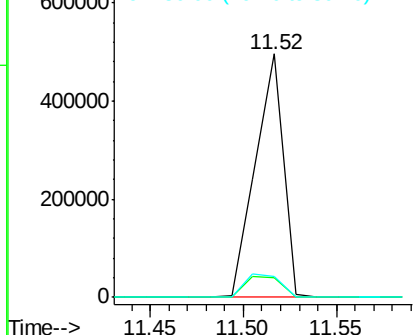
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092461.D
Acq: 25 Jan 2017 6:04

Instrument :
BNA_F
ClientSampleId :
TILCON-STONEDUST-BF

Tot Ion:188 Resp: 513657
Ion Ratio Lower Upper
188 100
94 8.1 10.0 15.0#
80 8.4 11.2 16.8#

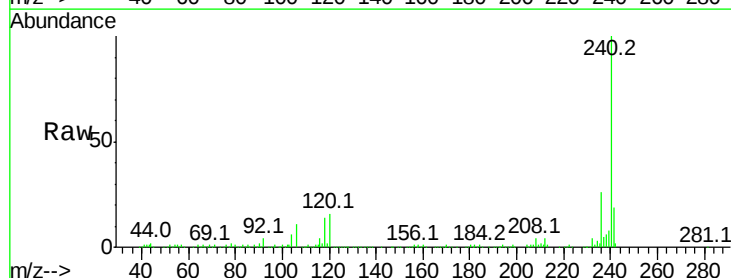


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

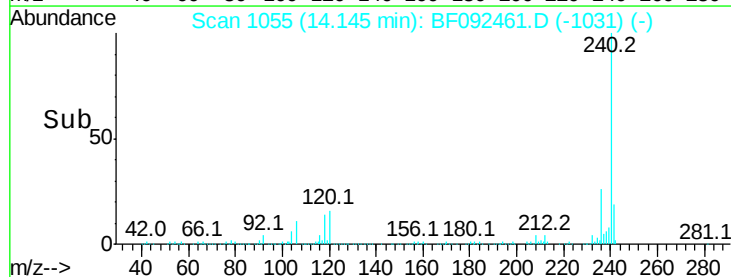
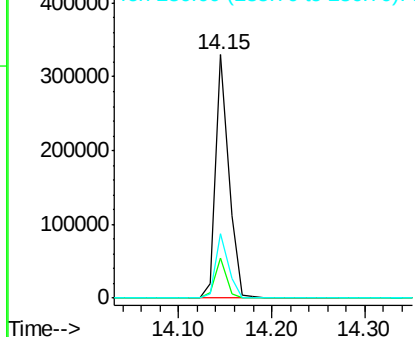


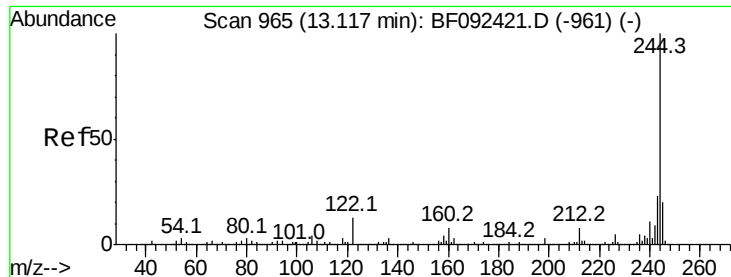
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092461.D
Acq: 25 Jan 2017 6:04

Tgt Ion:240 Resp: 321858
Ion Ratio Lower Upper
240 100
120 16.3 12.9 19.3
236 26.4 20.9 31.3



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: 99.35 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092461.D

Acq: 25 Jan 2017 6:04

Instrument :

BNA_F

ClientSampleId :

TILCON-STONEDUST-BF

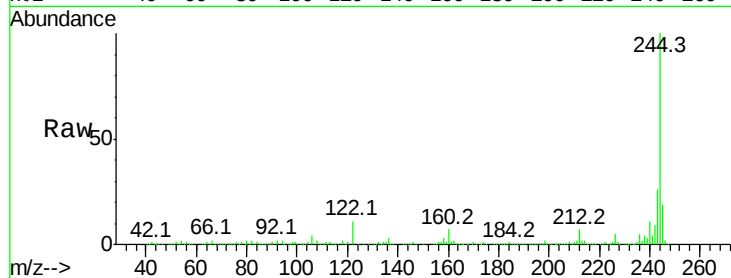
Tot Ion:244 Resp: 1200892

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

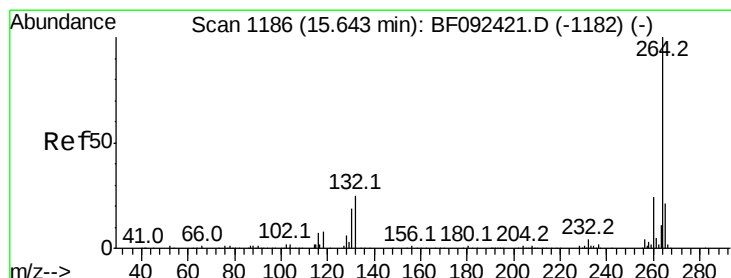
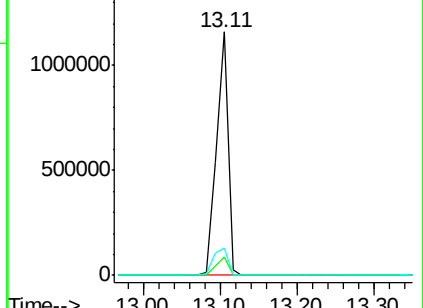
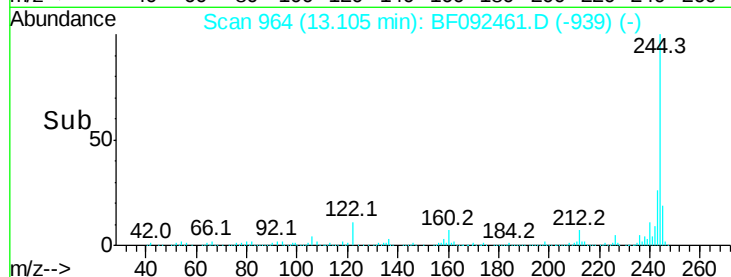
122 11.4 11.4 17.2#



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: BF092461.D

Acq: 25 Jan 2017 6:04

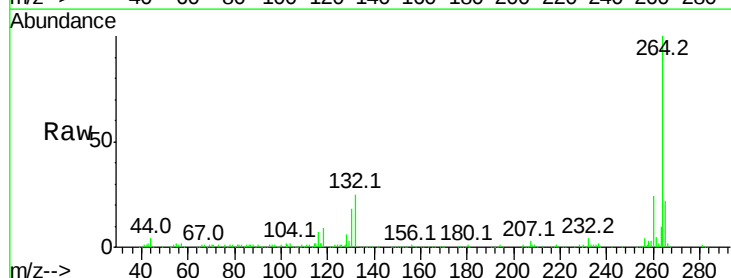
Tgt Ion:264 Resp: 312221

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.2 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

