

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090451.D
 Acq On : 7 Oct 2016 18:46
 Operator : UM/SJ
 Sample : H5133-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-001-B

Quant Time: Oct 07 23:59:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

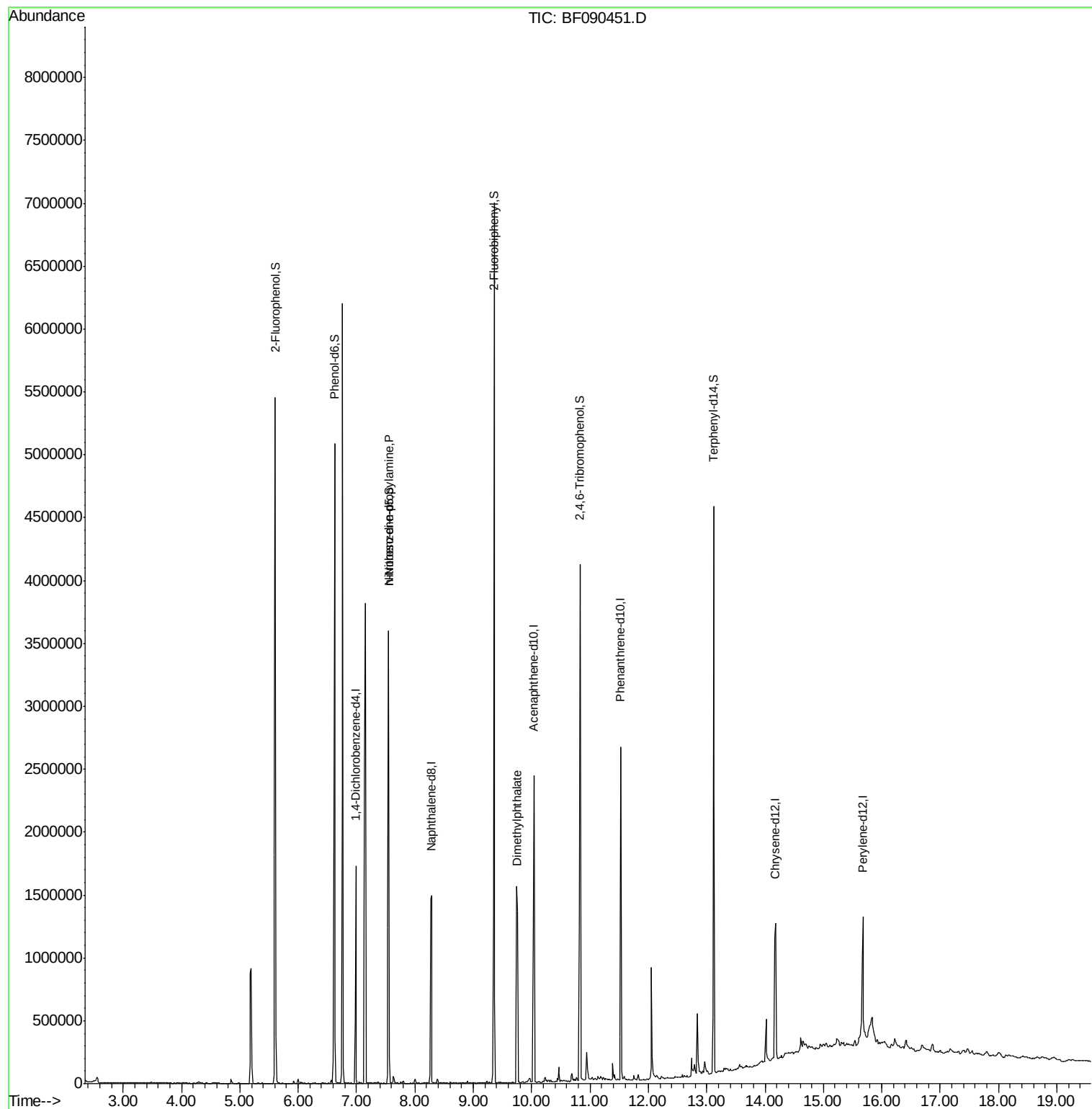
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	256440	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	1010186	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	552574	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	819765	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	490156	20.00	ng	-0.02
86) Perylene-d12	15.68	264	437360	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1457885	84.85	ng	0.00
7) Phenol-d6	6.62	99	1963413	87.25	ng	0.00
23) Nitrobenzene-d5	7.55	82	1263668	60.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	436018	97.04	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	1971017	59.43	ng	-0.02
78) Terphenyl-d14	13.12	244	1621655	74.38	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.55	70	176749	10.71	ng	Qvalue # 64
49) Dimethylphthalate	9.75	163	937484	26.49	ng	97

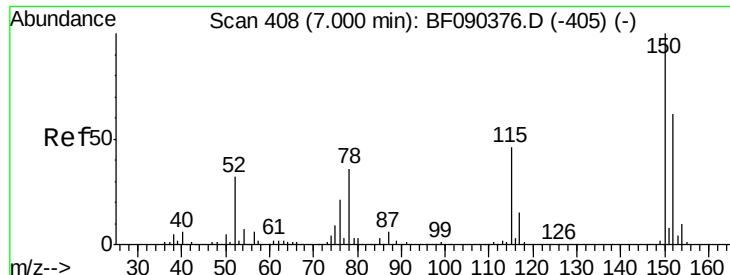
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090451.D

Acq: 7 Oct 2016 18:46

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-001-B

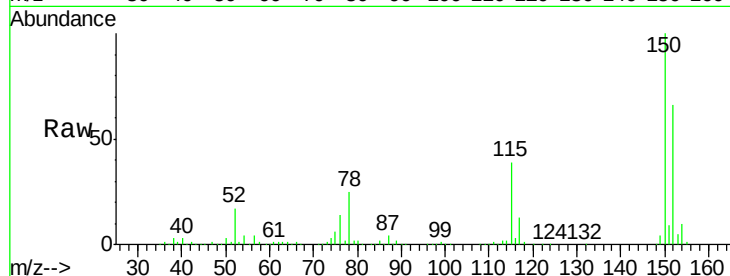
Tgt Ion:152 Resp: 256440

Ion Ratio Lower Upper

152 100

150 152.6 124.6 186.8

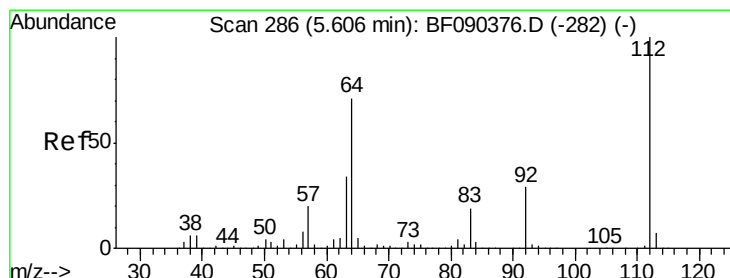
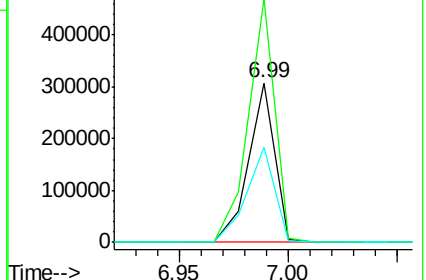
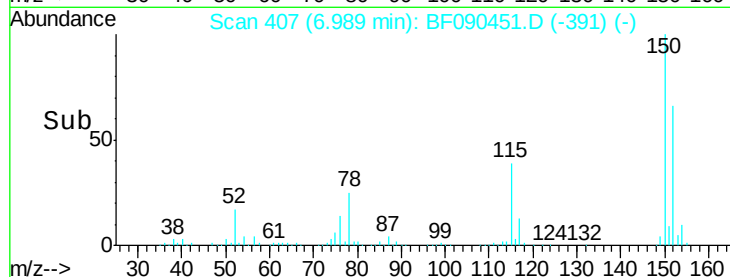
115 59.3 46.2 69.4



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: 84.85 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090451.D

Acq: 7 Oct 2016 18:46

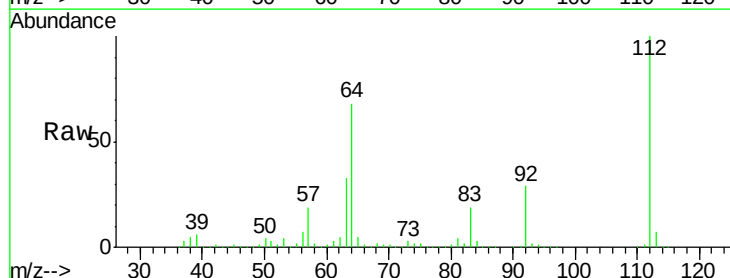
Tgt Ion:112 Resp: 1457885

Ion Ratio Lower Upper

112 100

64 68.1 57.9 86.9

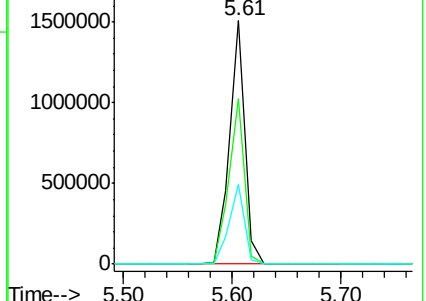
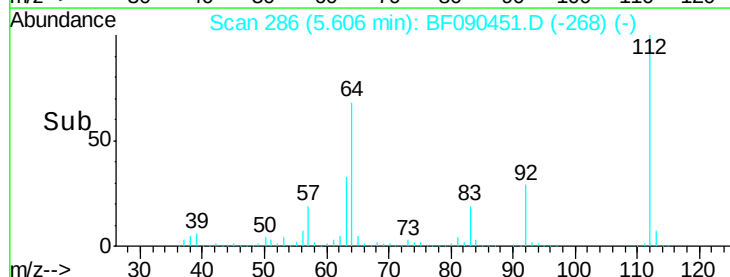
63 32.7 29.6 44.4

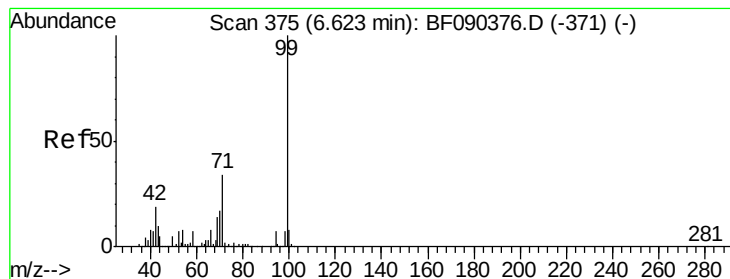


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.25 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090451.D

Acq: 7 Oct 2016 18:46

Instrument :

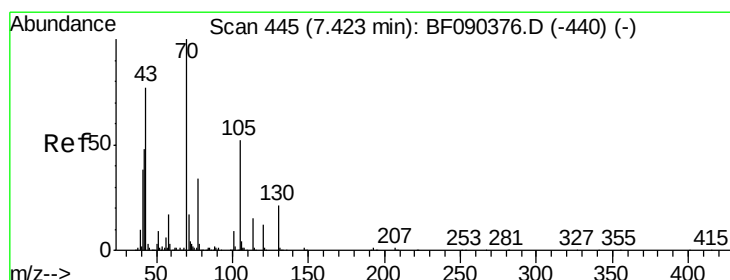
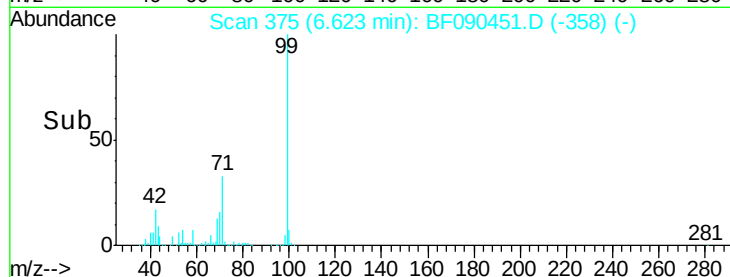
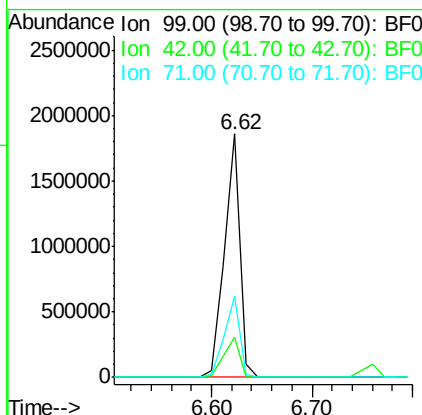
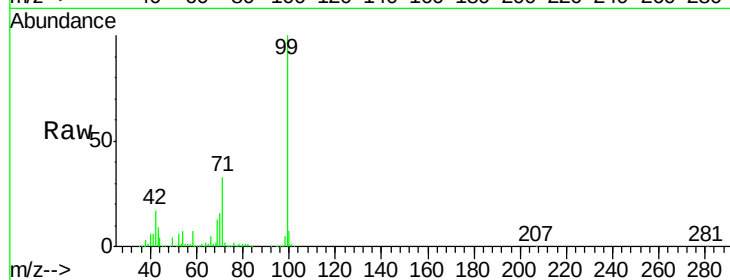
BNA_F

ClientSampleId :

FK-EF-01-001-B

Tgt Ion: 99 Resp: 1963413

Ion	Ratio	Lower	Upper
99	100		
42	16.5	20.0	30.0#
71	33.4	27.9	41.9



#19

n-Nitroso-di-n-propylamine

Concen: 10.71 ng

RT: 7.55 min Scan# 456

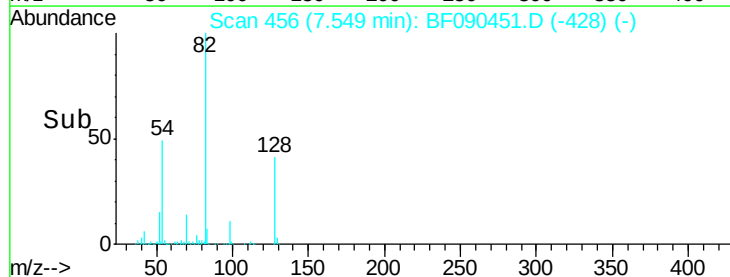
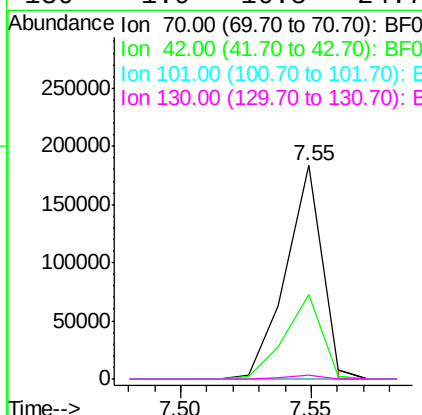
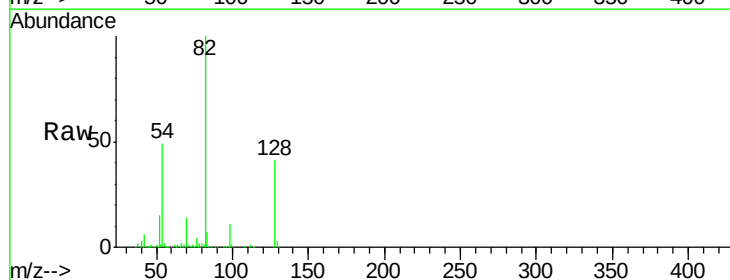
Delta R.T. 0.13 min

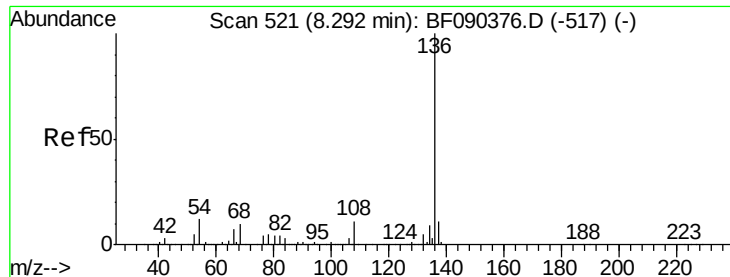
Lab File: BF090451.D

Acq: 7 Oct 2016 18:46

Tgt Ion: 70 Resp: 176749

Ion	Ratio	Lower	Upper
70	100		
42	39.6	55.4	83.2#
101	0.0	7.6	11.4#
130	1.9	16.5	24.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090451.D

Acq: 7 Oct 2016 18:46

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-001-B

Tgt Ion:136 Resp: 1010186

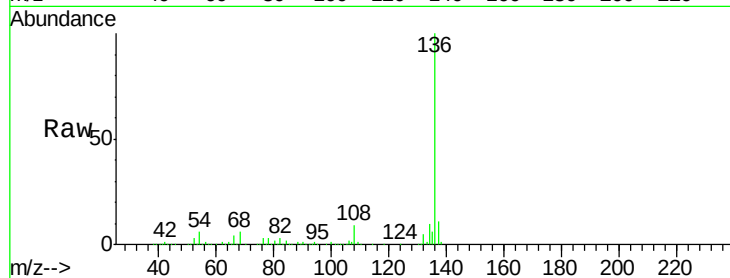
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.2 6.6 10.0#

68 5.9 5.0 7.6

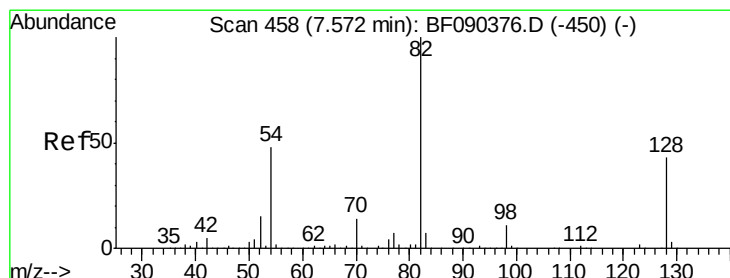
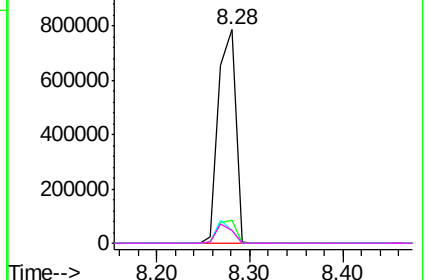
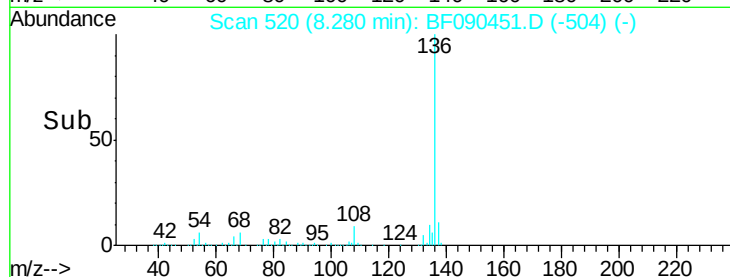


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.85 ng

RT: 7.55 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090451.D

Acq: 7 Oct 2016 18:46

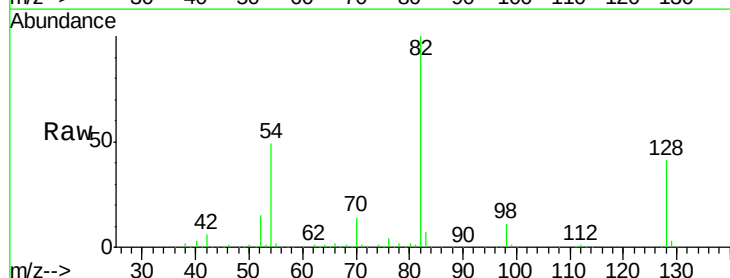
Tgt Ion: 82 Resp: 1263668

Ion Ratio Lower Upper

82 100

128 41.0 40.0 60.0

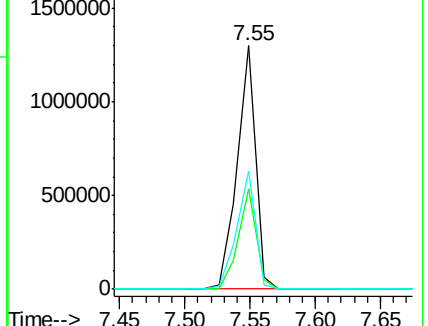
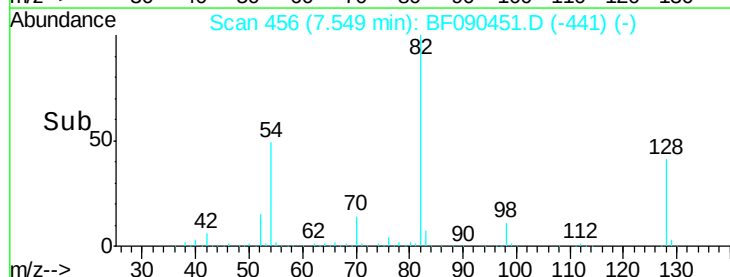
54 48.8 42.6 64.0

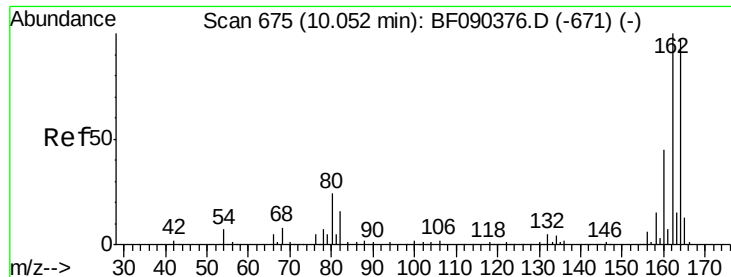


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.04 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090451.D

Acq: 7 Oct 2016 18:46

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-001-B

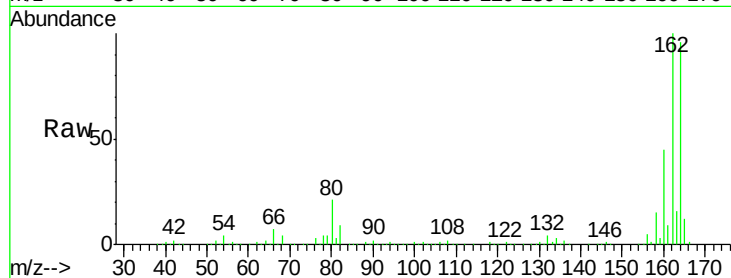
Tgt Ion:164 Resp: 552574

Ion Ratio Lower Upper

164 100

162 103.7 80.1 120.1

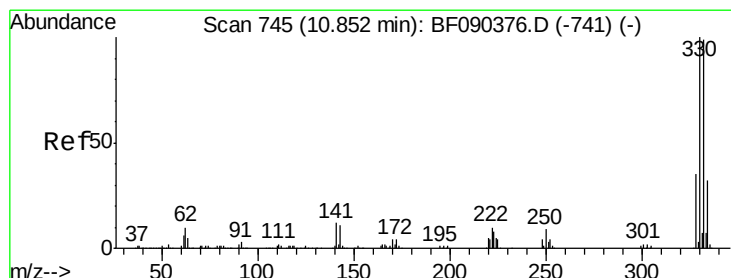
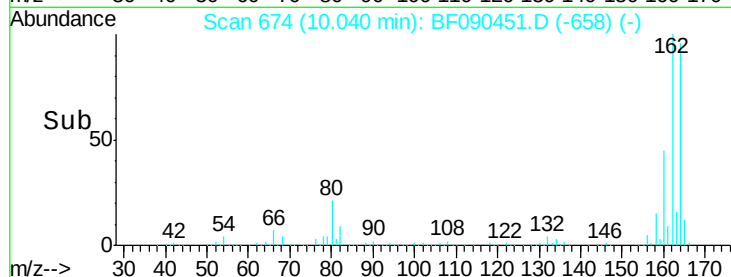
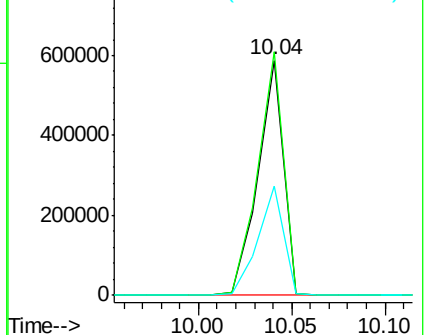
160 46.5 36.3 54.5



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: 97.04 ng

RT: 10.83 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF090451.D

Acq: 7 Oct 2016 18:46

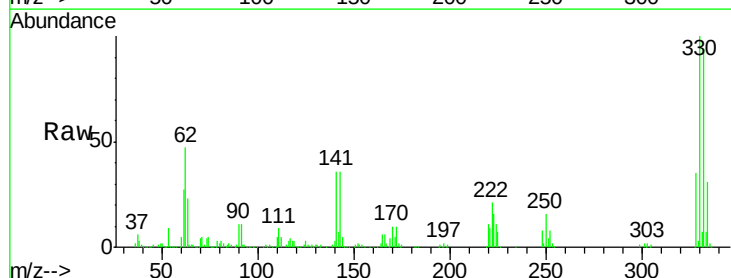
Tgt Ion:330 Resp: 436018

Ion Ratio Lower Upper

330 100

332 94.8 75.4 113.0

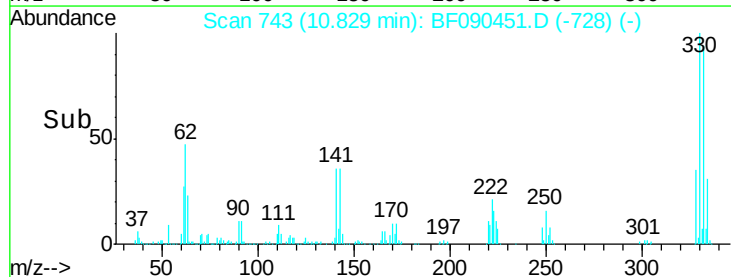
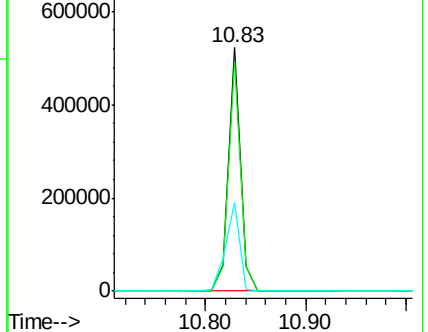
141 42.0 26.9 40.3#

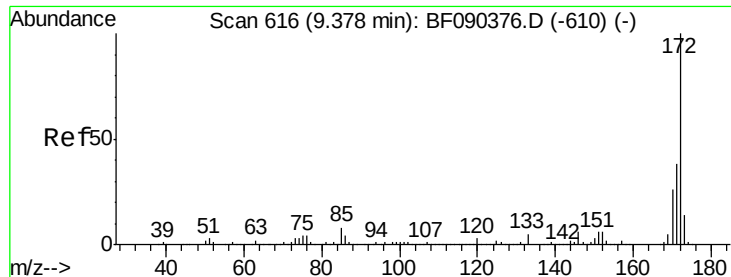


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

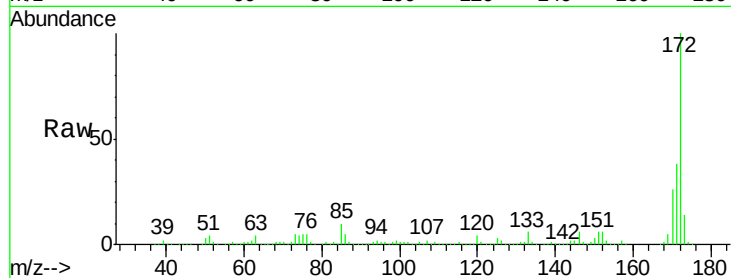




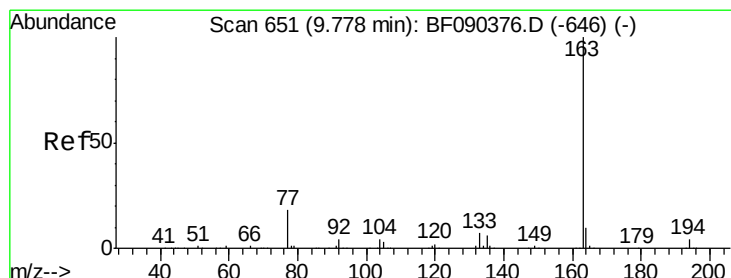
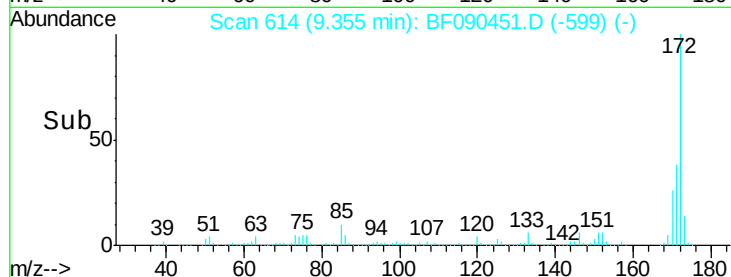
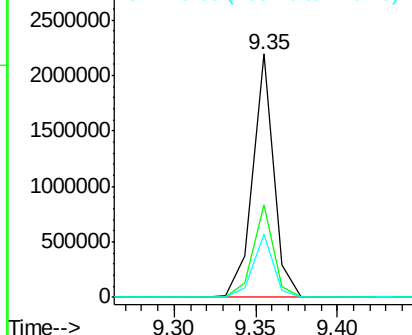
#44
2-Fluorobiphenyl
Concen: 59.43 ng
RT: 9.35 min Scan# 614
Delta R.T. -0.02 min
Lab File: BF090451.D
Acq: 7 Oct 2016 18:46

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-001-B

Tgt Ion:172 Resp: 1971017
Ion Ratio Lower Upper
172 100
171 38.0 31.8 47.8
170 25.8 21.7 32.5

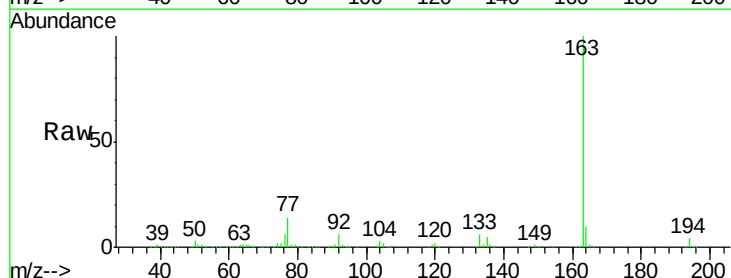


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

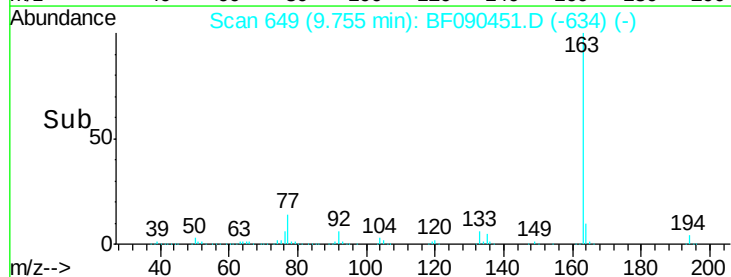
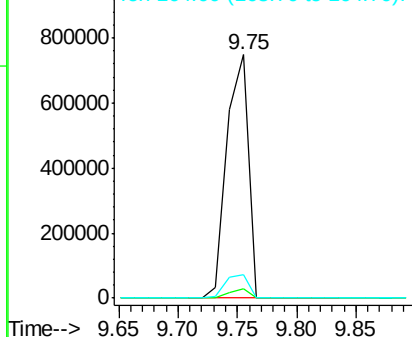


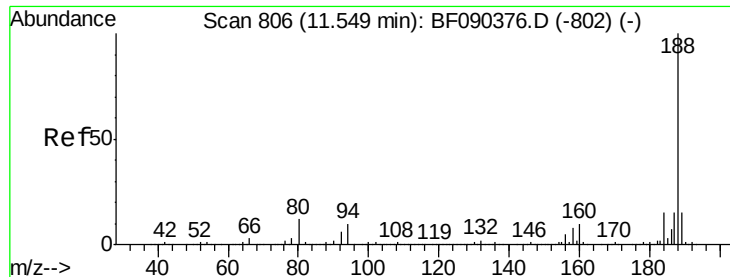
#49
Dimethylphthalate
Concen: 26.49 ng
RT: 9.75 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF090451.D
Acq: 7 Oct 2016 18:46

Tgt Ion:163 Resp: 937484
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.6 9.0 13.4



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

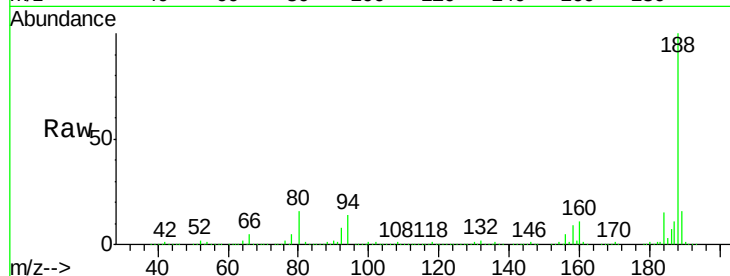




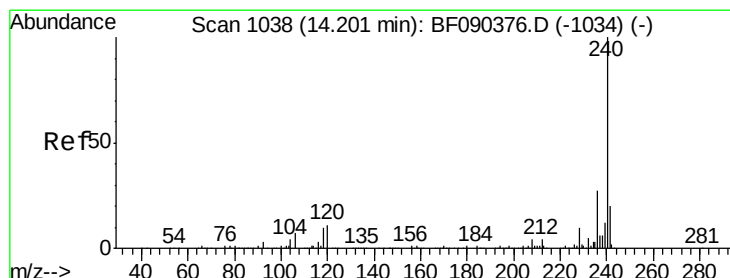
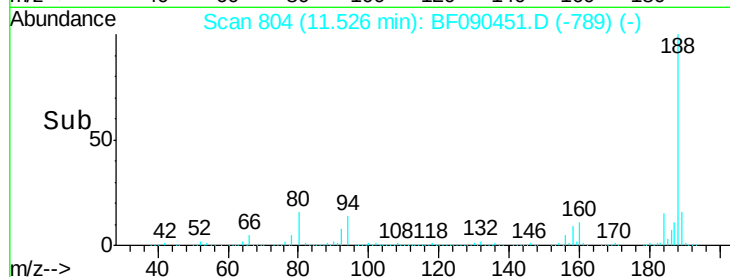
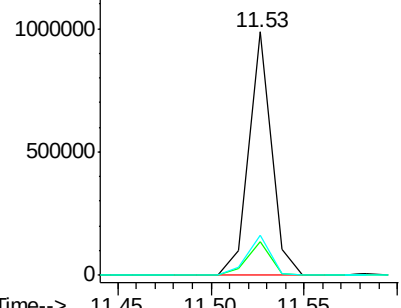
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090451.D
Acq: 7 Oct 2016 18:46

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-001-B

Tgt Ion:188 Resp: 819765
Ion Ratio Lower Upper
188 100
94 13.7 8.2 12.2#
80 16.2 8.8 13.2#

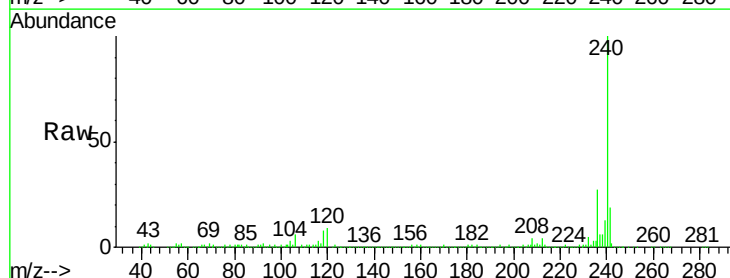


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

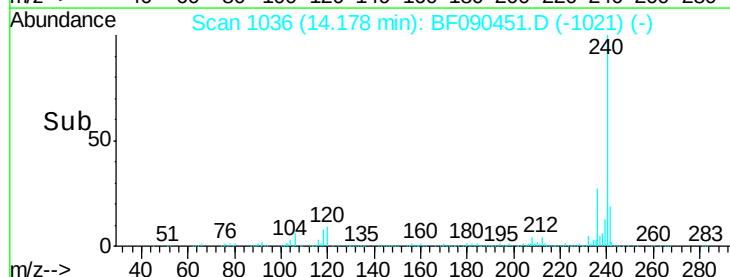
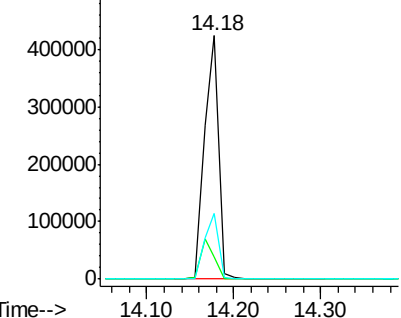


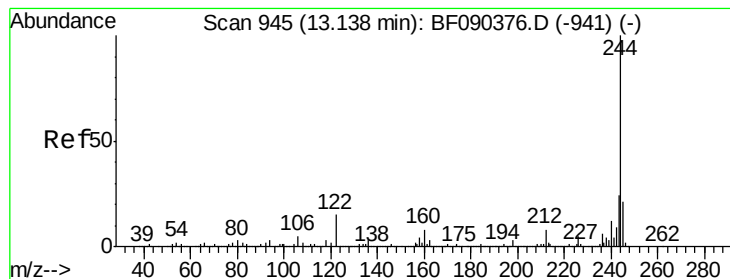
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090451.D
Acq: 7 Oct 2016 18:46

Tgt Ion:240 Resp: 490156
Ion Ratio Lower Upper
240 100
120 9.2 8.6 13.0
236 26.9 21.6 32.4



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: 74.38 ng

RT: 13.12 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF090451.D

Acq: 7 Oct 2016 18:46

Instrument :

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FK-EF-01-001-B

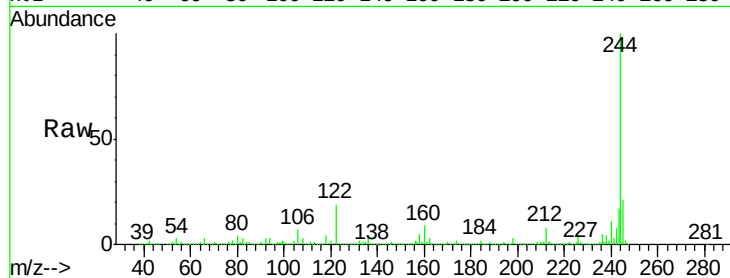
Tgt Ion:244 Resp: 1621655

Ion Ratio Lower Upper

244 100

212 7.8 6.8 10.2

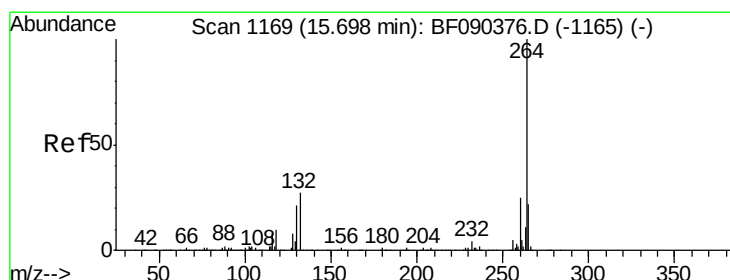
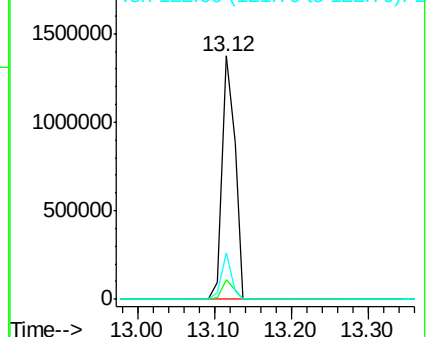
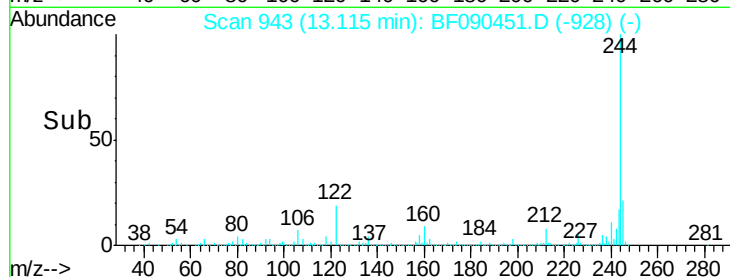
122 19.3 13.3 19.9



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: 15.68 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF090451.D

Acq: 7 Oct 2016 18:46

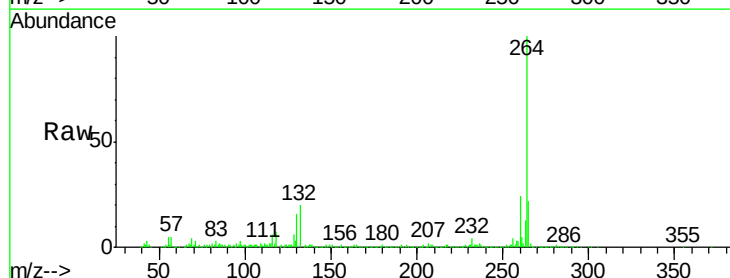
Tgt Ion:264 Resp: 437360

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.9 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

