

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092843.D
 Acq On : 7 Feb 2017 22:08
 Operator : SJ/MA
 Sample : I1751-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Feb 08 00:33:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 23:52:21 2017
 Response via : Initial Calibration

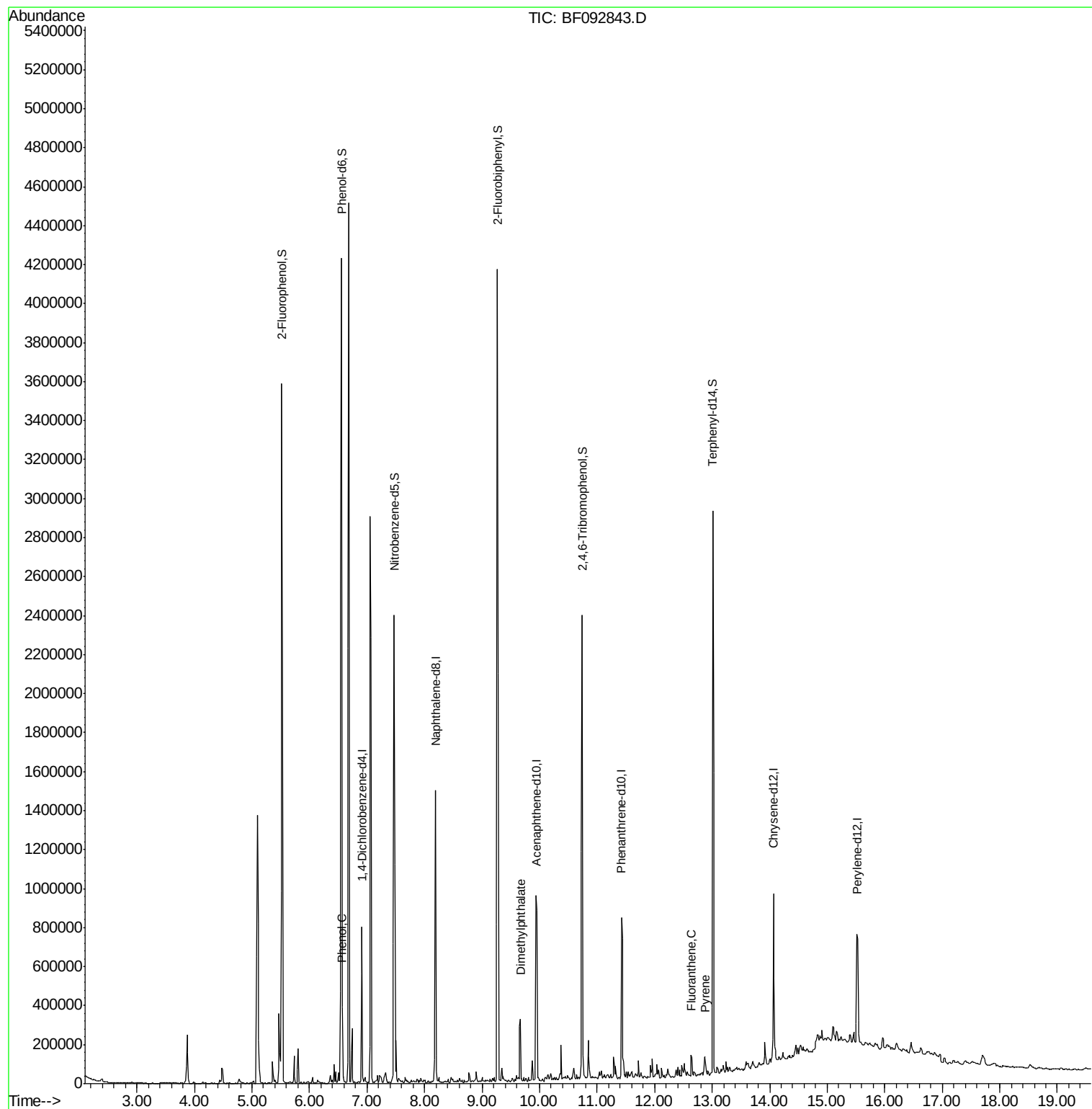
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	157038	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	631223	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	307442	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	428548	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	315558	20.00	ng	-0.01
86) Perylene-d12	15.53	264	308963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1353481	147.87	ng	0.01
7) Phenol-d6	6.56	99	1722271	146.23	ng	0.01
23) Nitrobenzene-d5	7.47	82	984145	86.82	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	289899	130.37	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1715024	101.06	ng	0.00
78) Terphenyl-d14	13.01	244	1105097	82.29	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	102085	7.41	ng	# 63
49) Dimethylphthalate	9.66	163	186804	9.02	ng	# 98
74) Fluoranthene	12.64	202	53489	2.11	ng	95
77) Pyrene	12.88	202	54102	2.29	ng	99

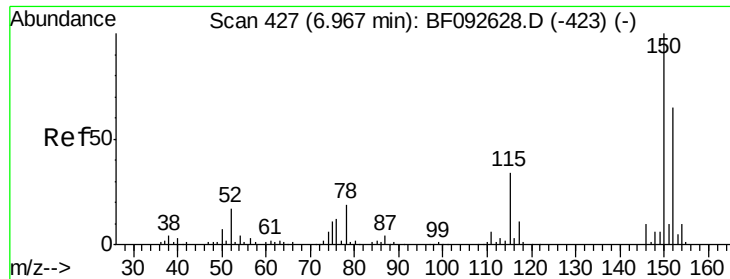
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

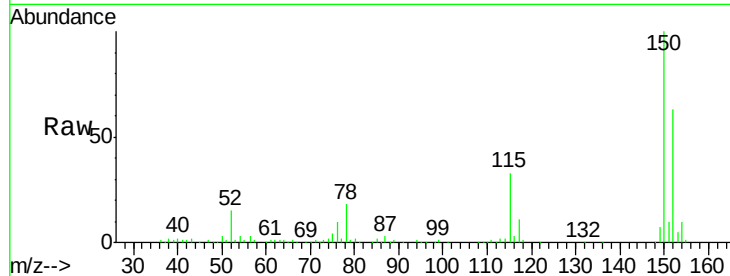
Tot Ion:152 Resp: 157038

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

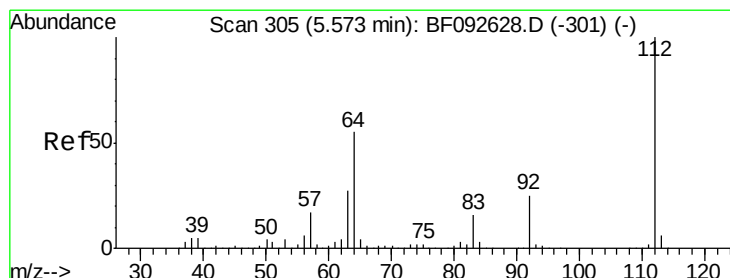
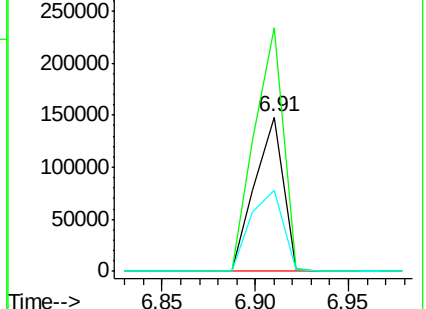
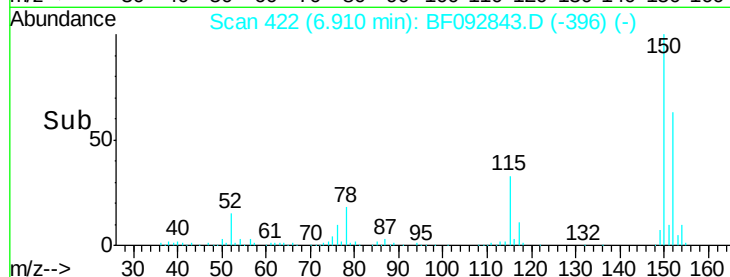
115 52.5 46.0 69.0



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: 147.87 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

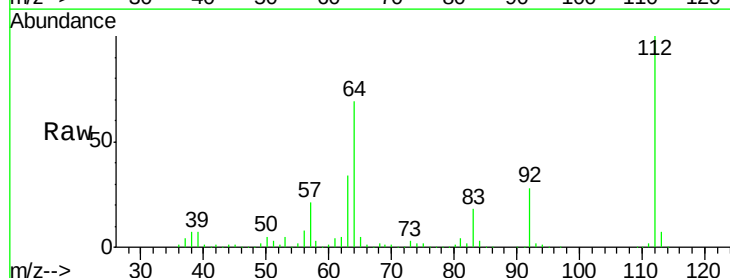
Tgt Ion:112 Resp: 1353481

Ion Ratio Lower Upper

112 100

64 68.5 46.1 69.1

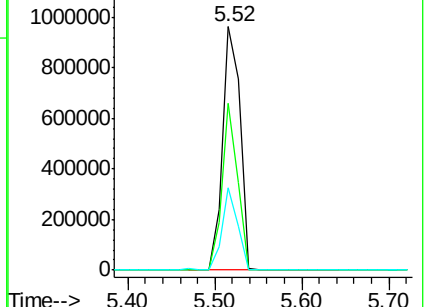
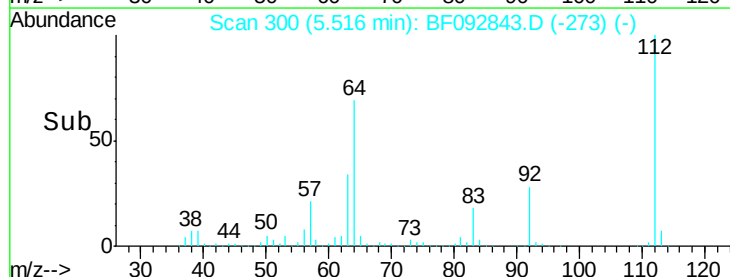
63 33.9 23.8 35.6

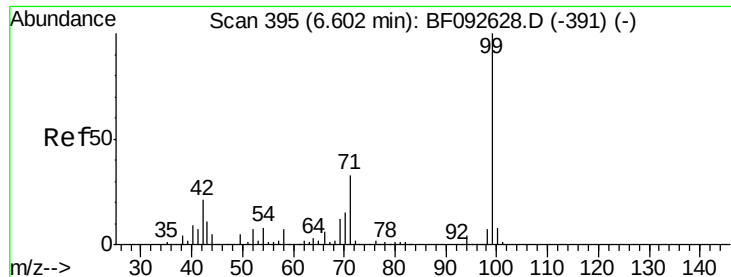


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.23 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

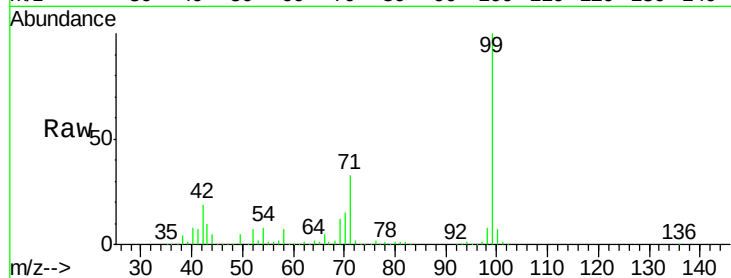
Tot Ion: 99 Resp: 1722271

Ion Ratio Lower Upper

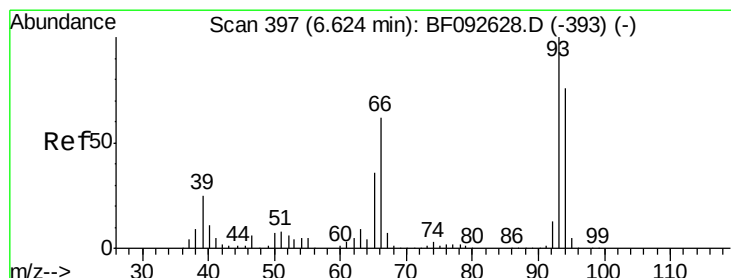
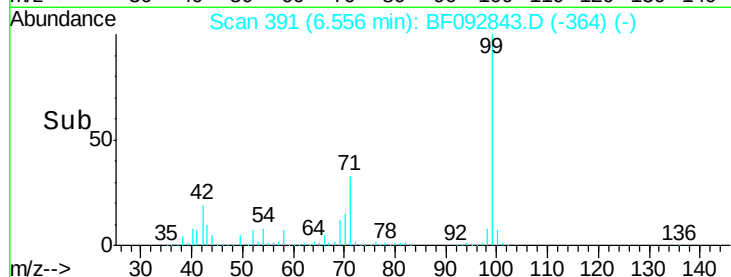
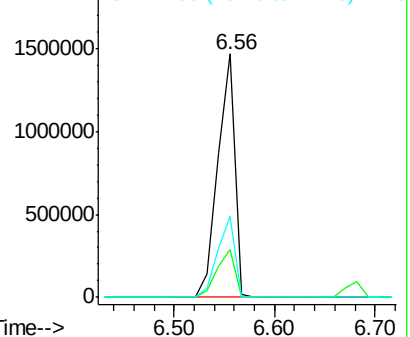
99 100

42 19.4 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: 7.41 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

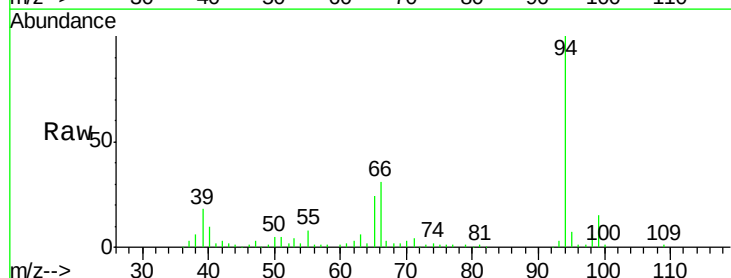
Tgt Ion: 94 Resp: 102085

Ion Ratio Lower Upper

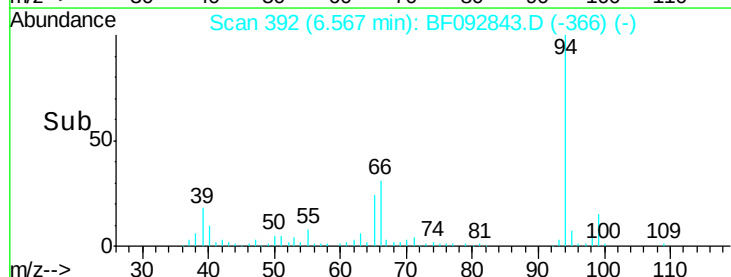
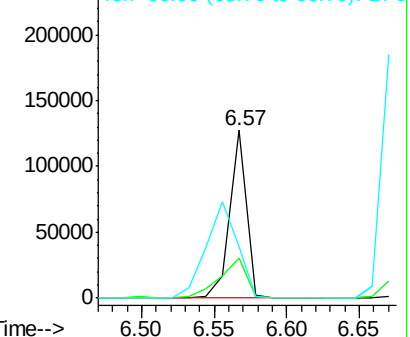
94 100

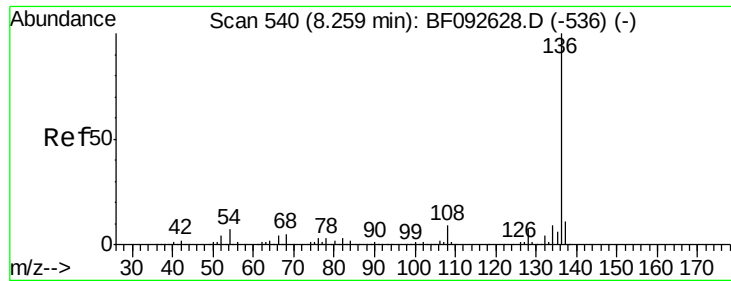
65 23.6 21.4 61.4

66 30.5 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: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

Tot Ion:136 Resp: 631223

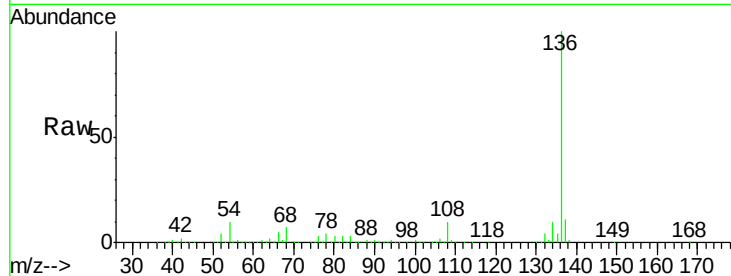
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.6 4.5 6.7#

68 6.7 3.6 5.4#

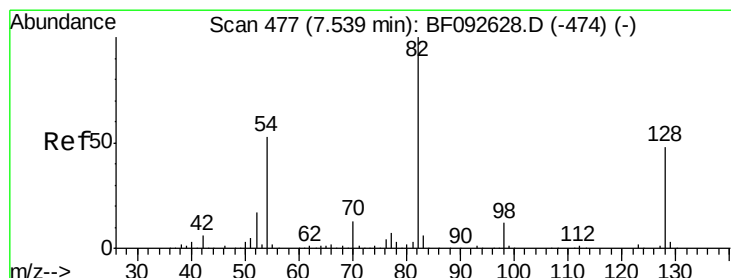
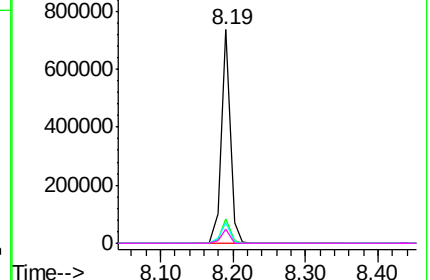
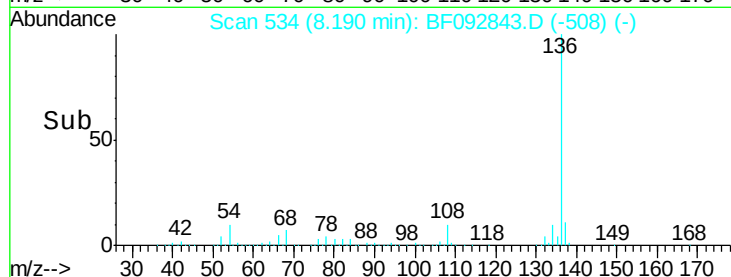


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.82 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

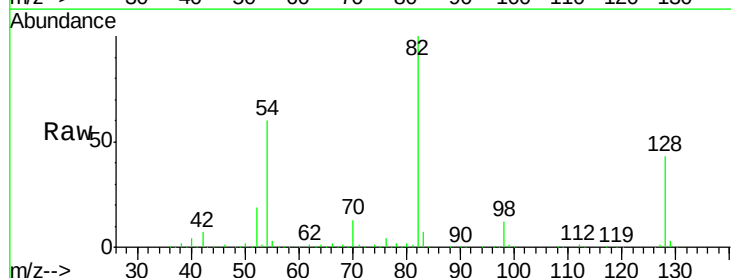
Tgt Ion: 82 Resp: 984145

Ion Ratio Lower Upper

82 100

128 42.8 34.6 52.0

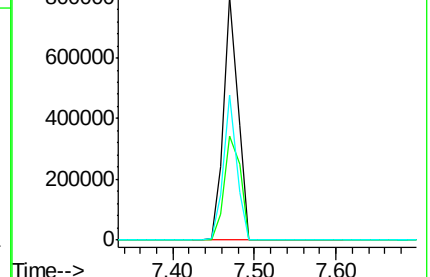
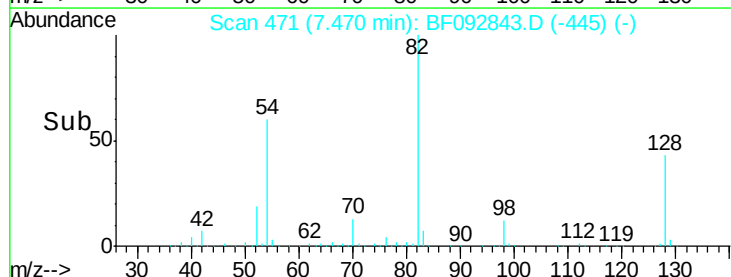
54 59.6 39.5 59.3#

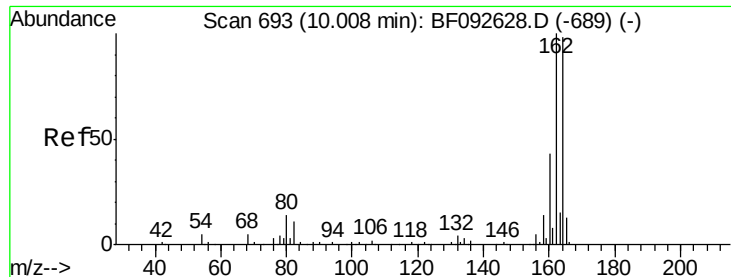


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

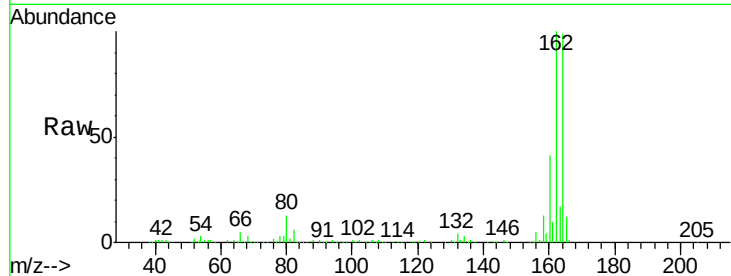




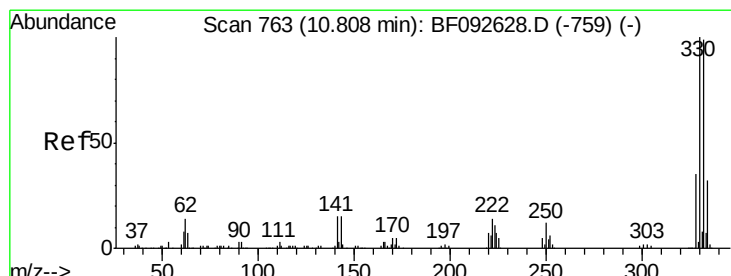
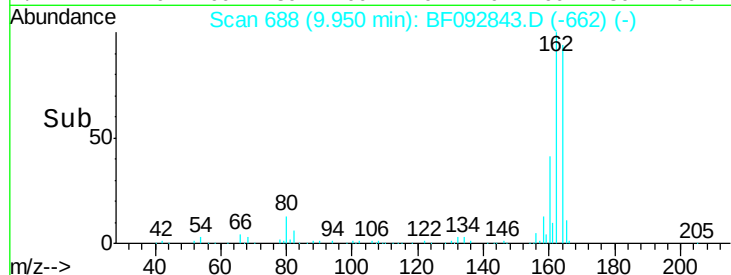
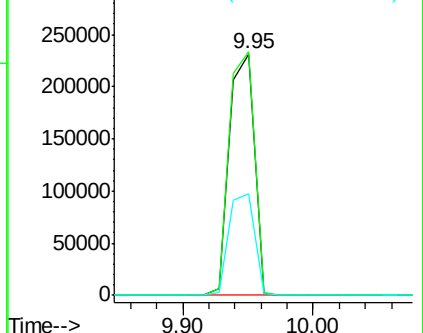
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tot Ion:164 Resp: 307442
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 41.8 36.9 55.3

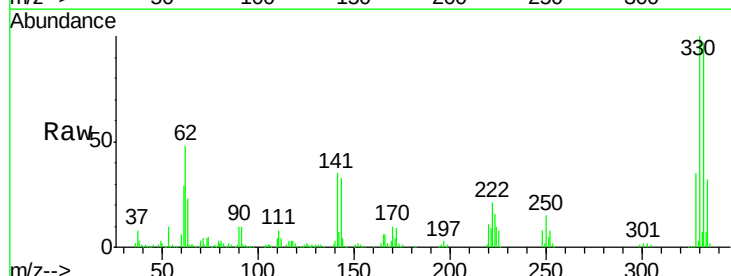


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

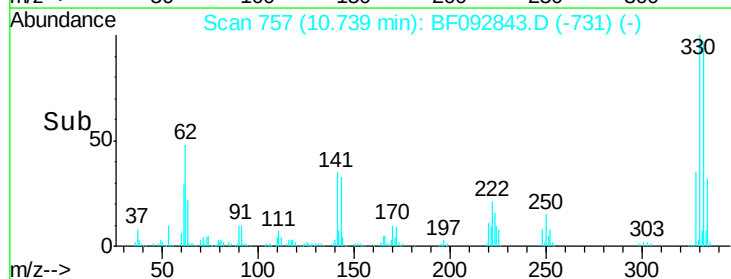
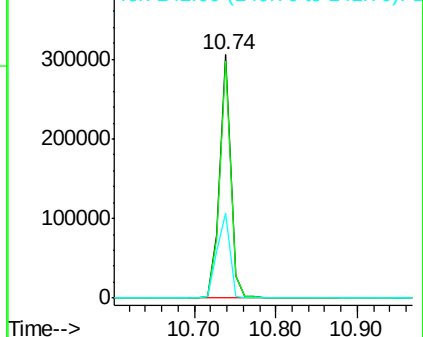


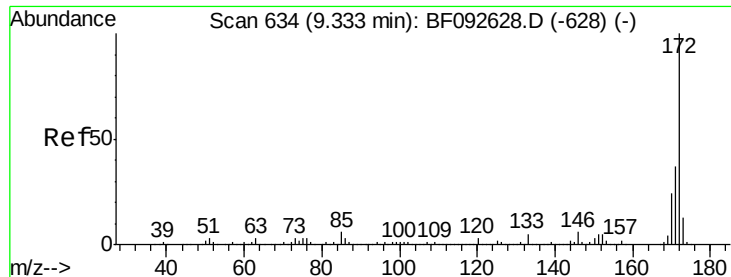
#41
2,4,6-Tribromophenol
Concen: 130.37 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:330 Resp: 289899
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 41.5 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

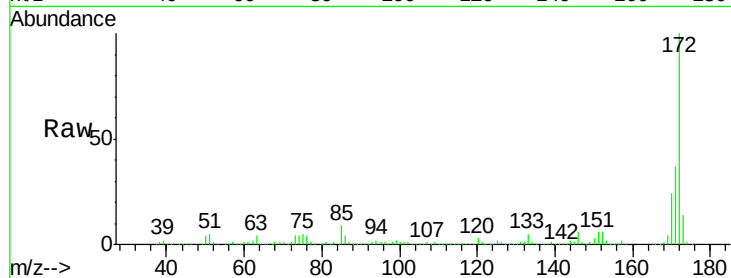




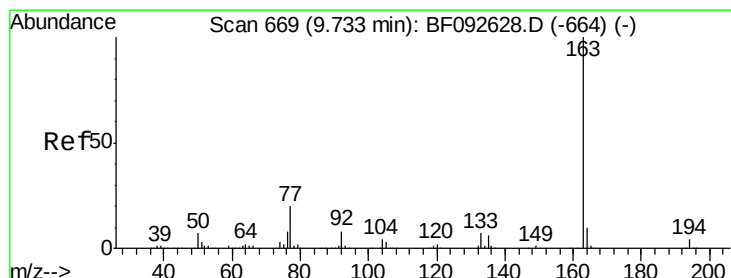
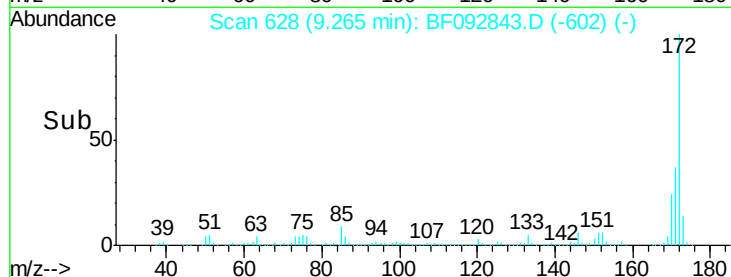
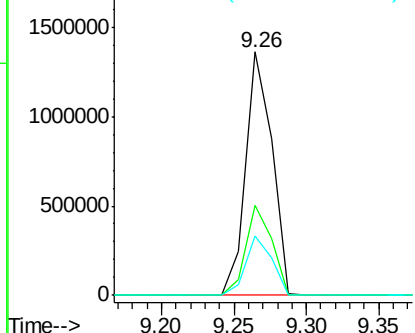
#44
2-Fluorobiphenyl
Concen: 101.06 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tot Ion:172 Resp: 1715024
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.3 20.2 30.4

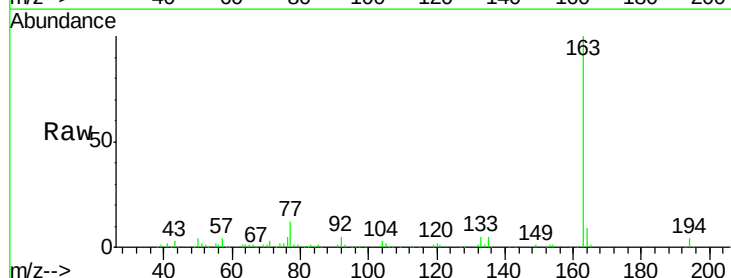


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

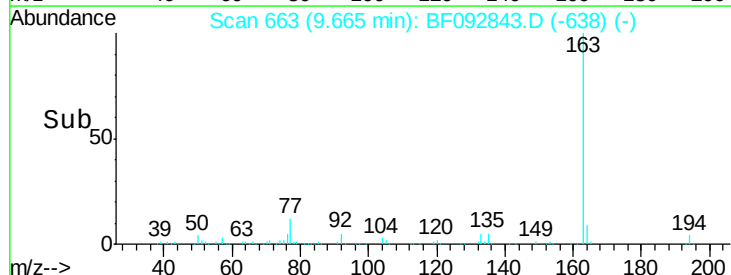
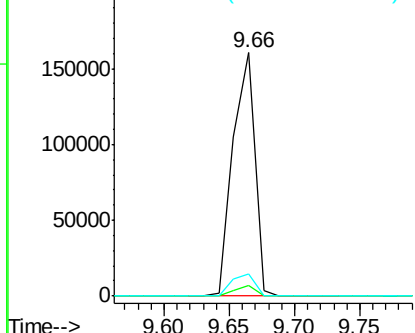


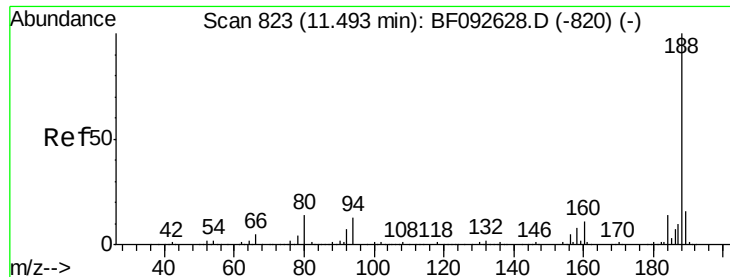
#49
Dimethylphthalate
Concen: 9.02 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:163 Resp: 186804
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.4#
164 9.1 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

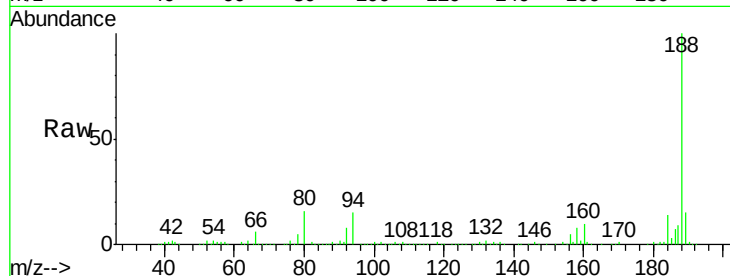




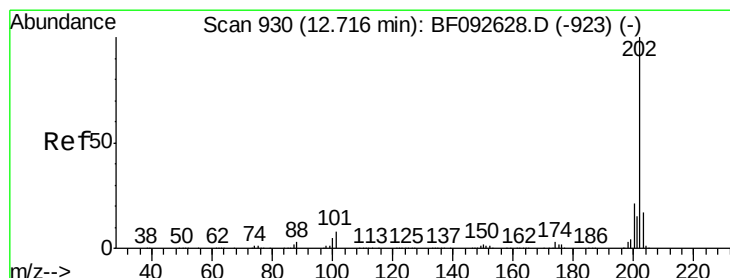
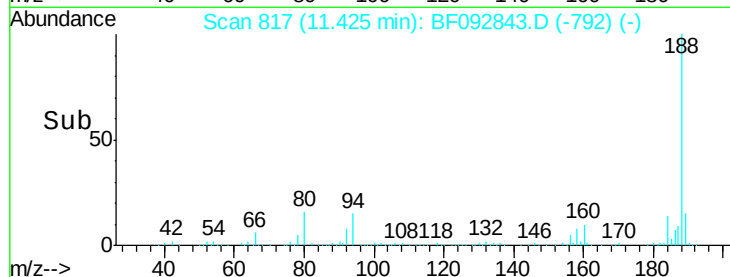
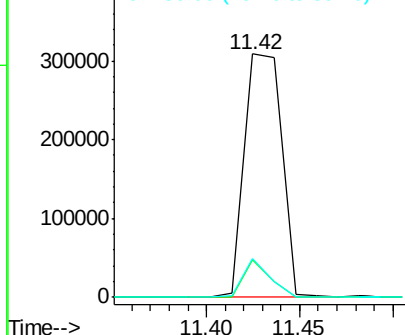
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tot Ion:188 Resp: 428548
Ion Ratio Lower Upper
188 100
94 15.3 10.0 15.0#
80 15.7 11.2 16.8

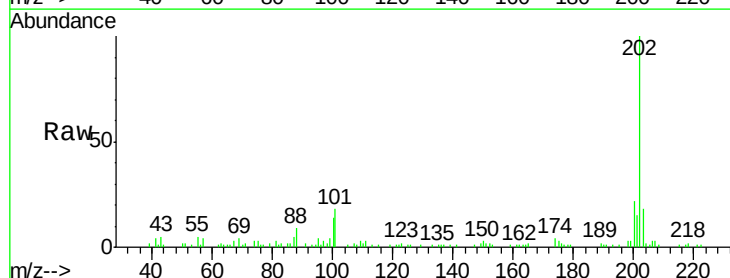


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

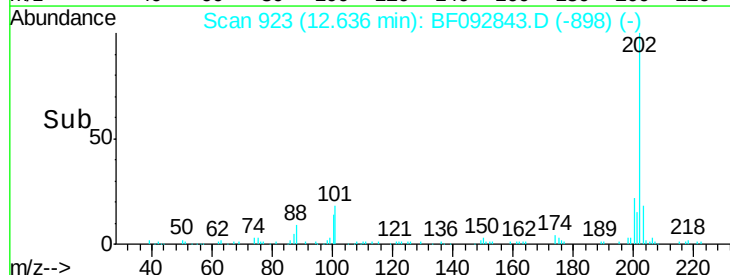
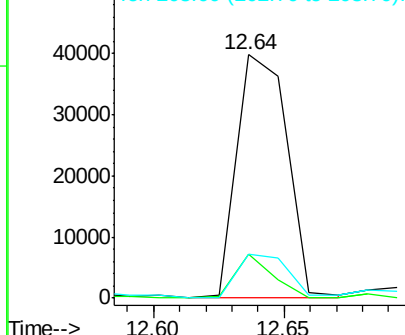


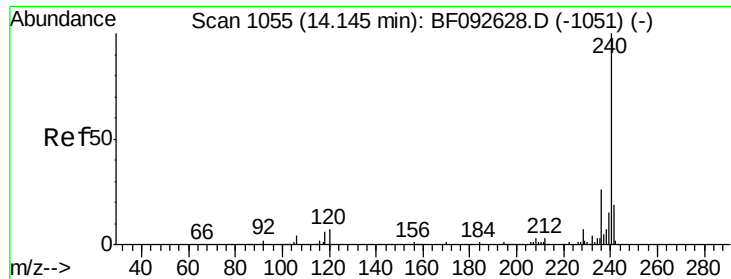
#74
Fluoranthene
Concen: 2.11 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:202 Resp: 53489
Ion Ratio Lower Upper
202 100
101 18.3 0.0 34.6
203 18.1 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

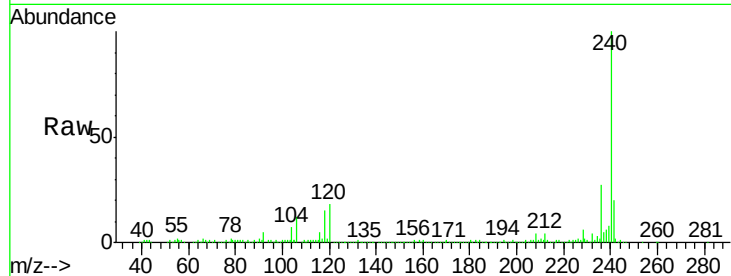
Tot Ion:240 Resp: 315558

Ion Ratio Lower Upper

240 100

120 18.0 12.9 19.3

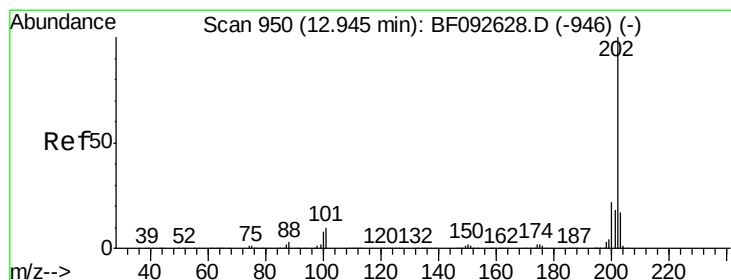
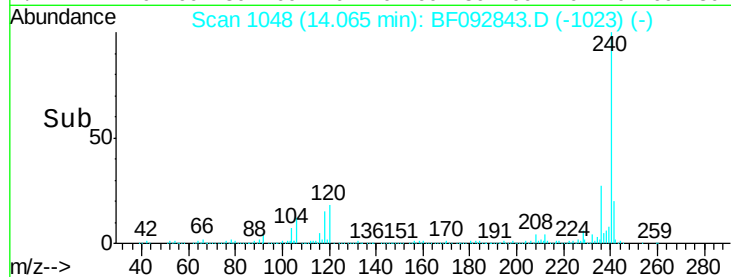
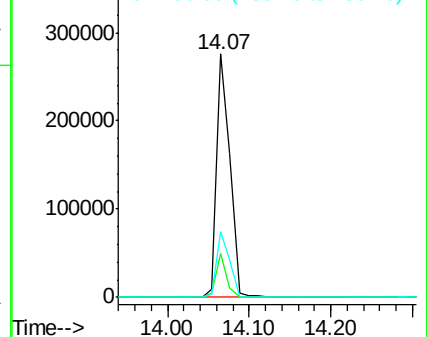
236 26.8 20.9 31.3



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



#77

Pyrene

Concen: 2.29 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

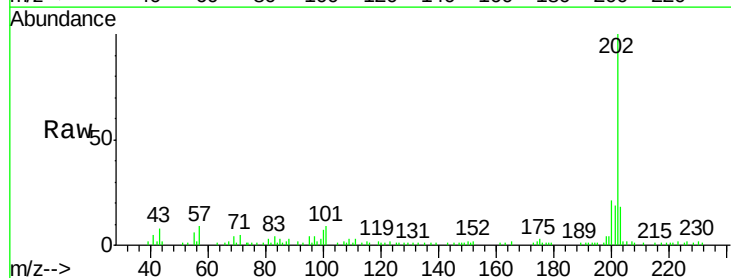
Tgt Ion:202 Resp: 54102

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

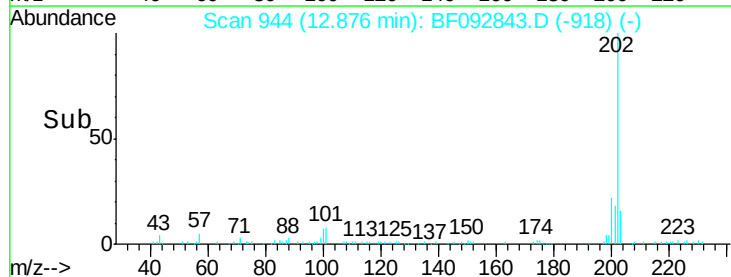
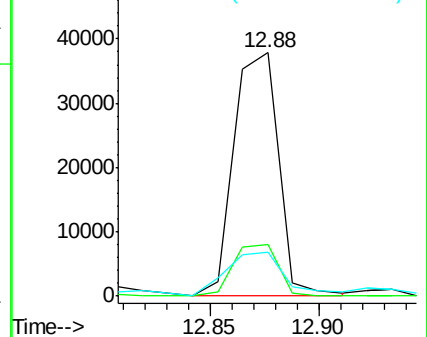
203 18.1 14.7 22.1

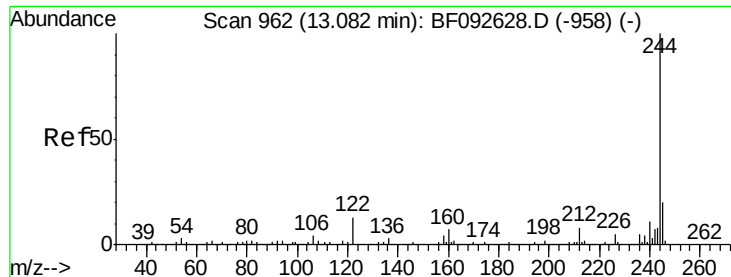


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.29 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

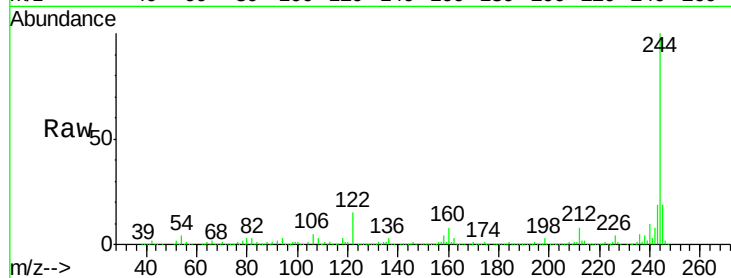
Tot Ion:244 Resp: 1105097

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

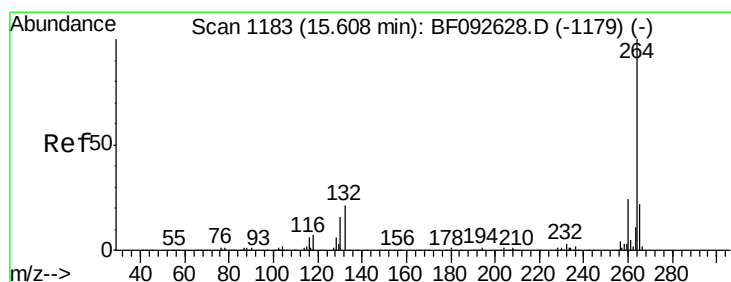
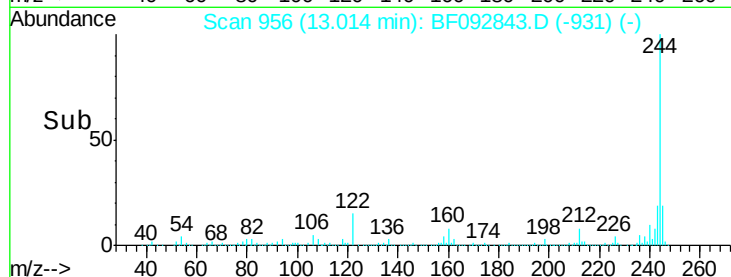
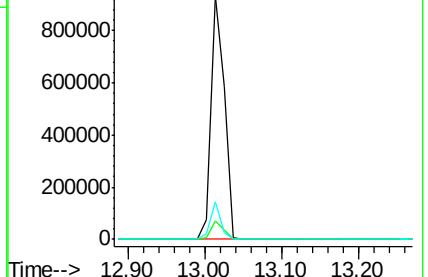
122 15.2 11.4 17.2



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: 15.53 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

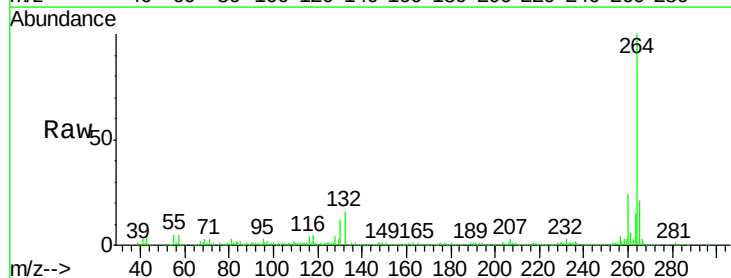
Tgt Ion:264 Resp: 308963

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.0 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

