

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092970.D
 Acq On : 16 Feb 2017 00:04
 Operator : SJ/MA
 Sample : I1859-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280517-COMP-0-2FT

Quant Time: Feb 16 02:50:09 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

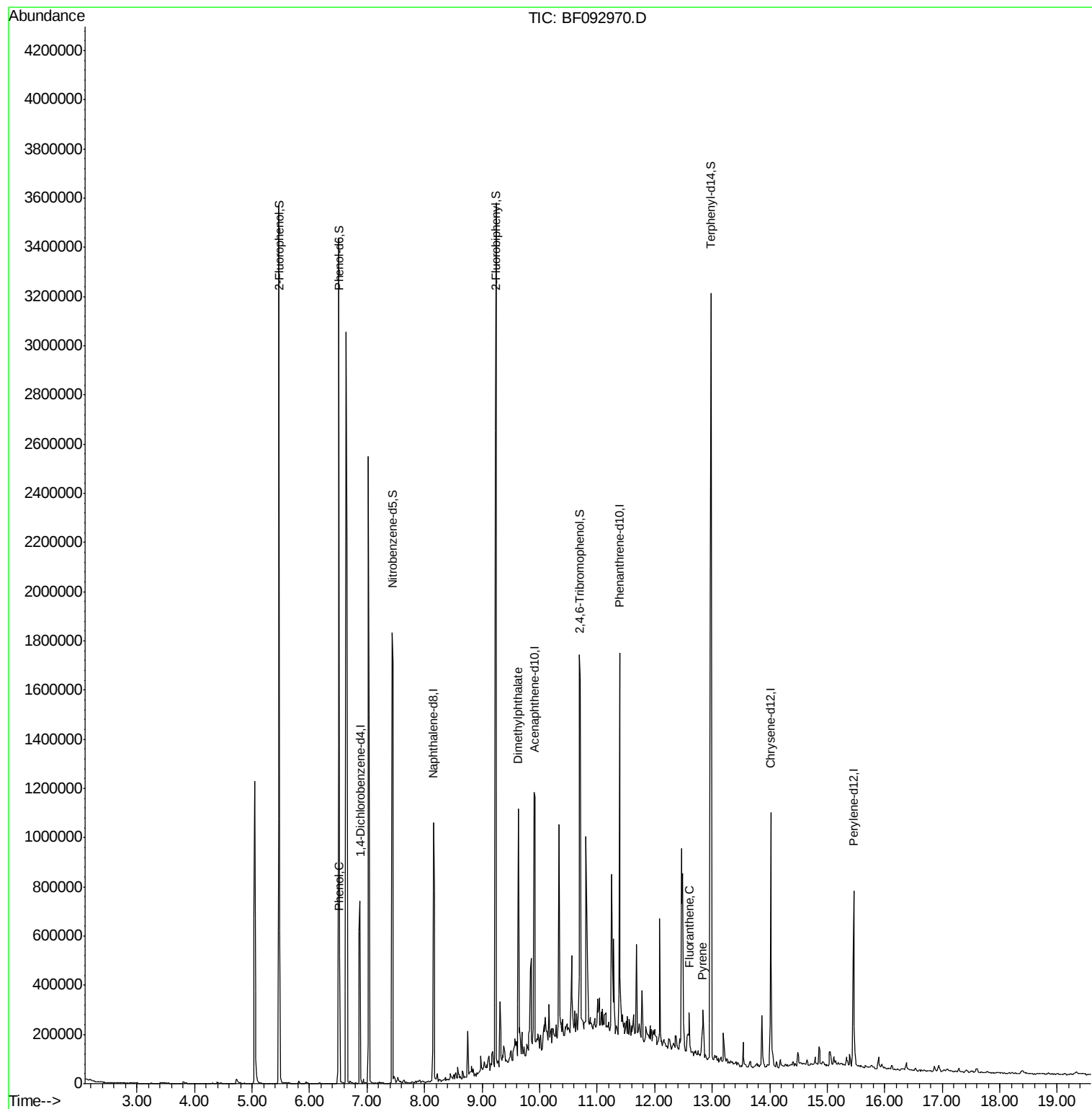
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	158639	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	636353	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	341386	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	535898	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	366280	20.00	ng	-0.03
86) Perylene-d12	15.46	264	328435	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1021872	110.51	ng	-0.01
7) Phenol-d6	6.51	99	1268991	106.66	ng	-0.02
23) Nitrobenzene-d5	7.44	82	906056	79.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	291074	117.89	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1539530	81.70	ng	0.00
78) Terphenyl-d14	12.98	244	1193835	76.58	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	35202	2.53	ng	Qvalue # 77
49) Dimethylphthalate	9.63	163	318833	13.87	ng	99
74) Fluoranthene	12.60	202	70939	2.24	ng	94
77) Pyrene	12.83	202	67475	2.46	ng	97

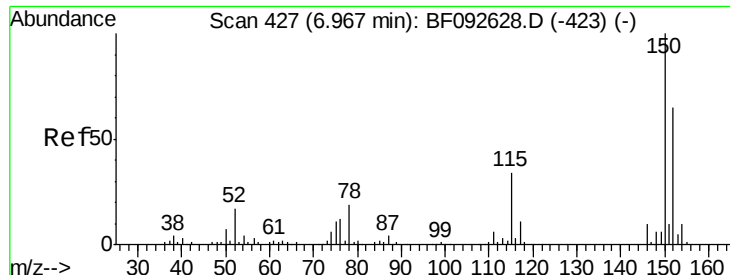
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092970.D

Acq: 16 Feb 2017 00:04

Instrument :

BNA_F

ClientSampleId :

280517-COMP-0-2FT

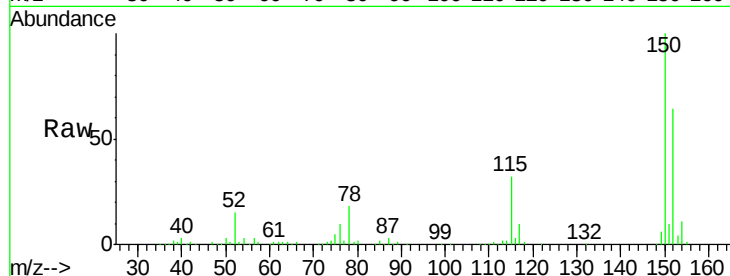
Tgt Ion:152 Resp: 158639

Ion Ratio Lower Upper

152 100

150 155.2 124.9 187.3

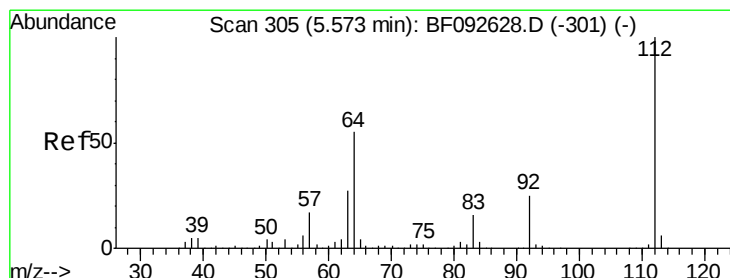
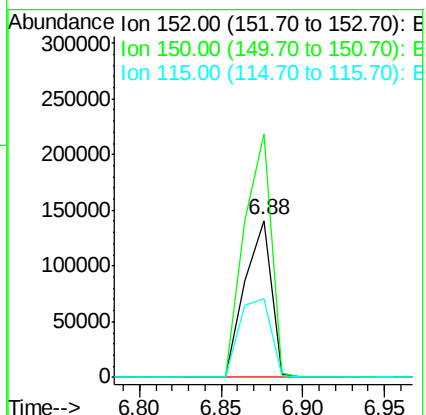
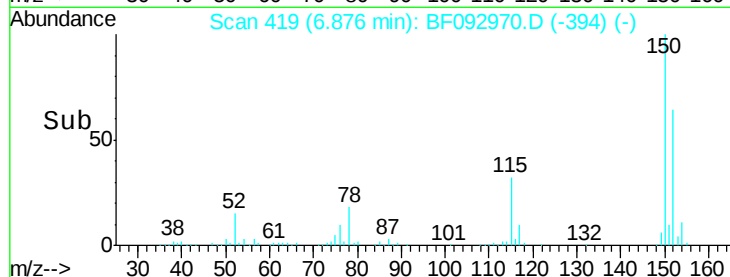
115 50.4 46.0 69.0



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: 110.51 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092970.D

Acq: 16 Feb 2017 00:04

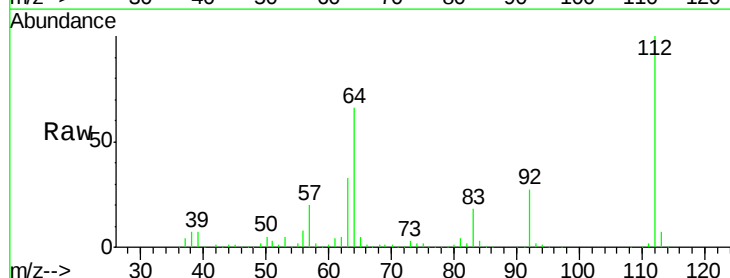
Tgt Ion:112 Resp: 1021872

Ion Ratio Lower Upper

112 100

64 66.5 46.1 69.1

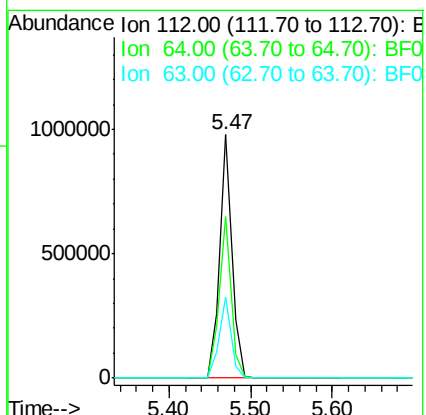
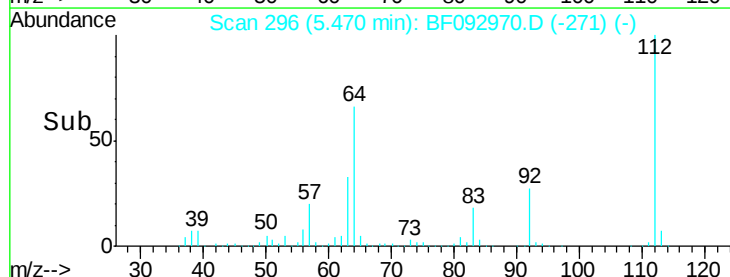
63 33.3 23.8 35.6



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: 106.66 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092970.D

Acq: 16 Feb 2017 00:04

Instrument :

BNA_F

ClientSampleId :

280517-COMP-0-2FT

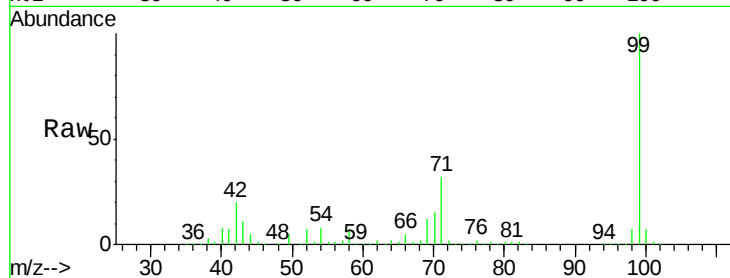
Tgt Ion: 99 Resp: 1268991

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

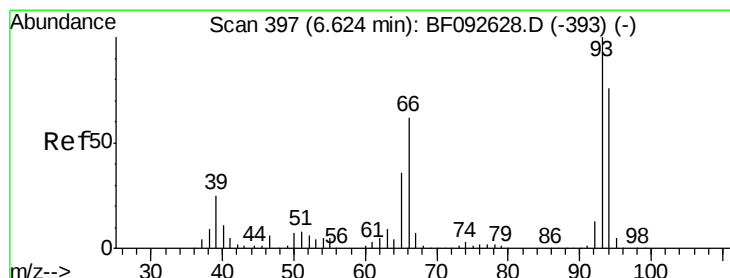
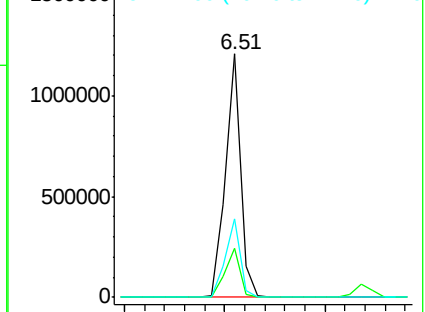
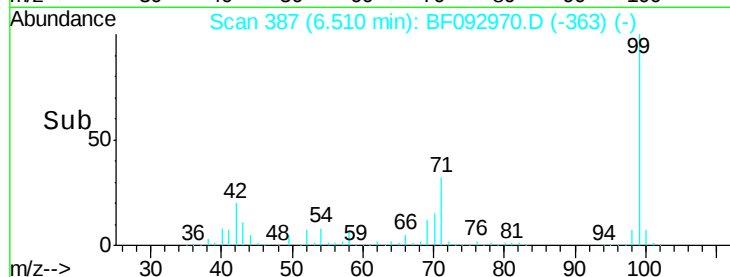
71 32.4 27.5 41.3



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: 2.53 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF092970.D

Acq: 16 Feb 2017 00:04

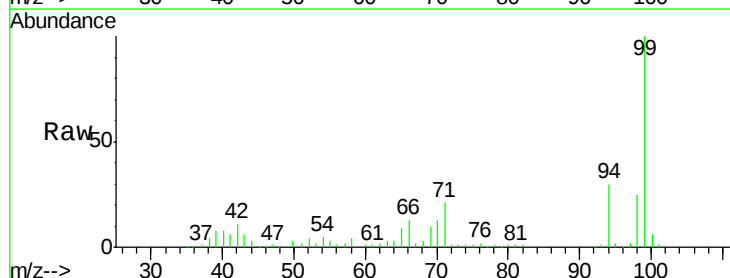
Tgt Ion: 94 Resp: 35202

Ion Ratio Lower Upper

94 100

65 30.7 21.4 61.4

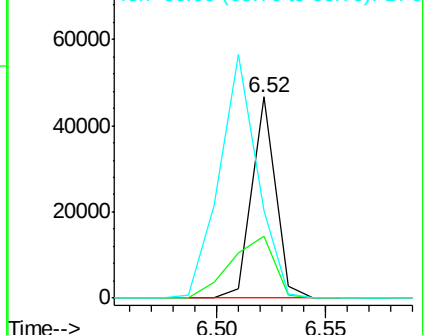
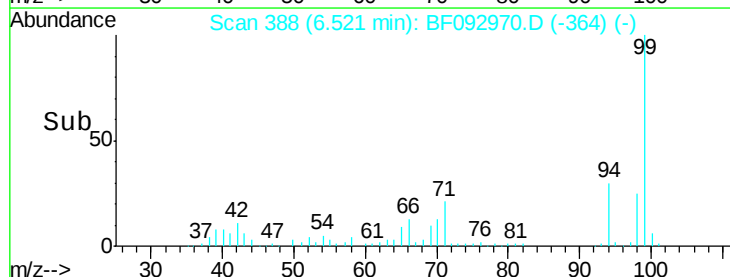
66 43.3 44.0 84.0#

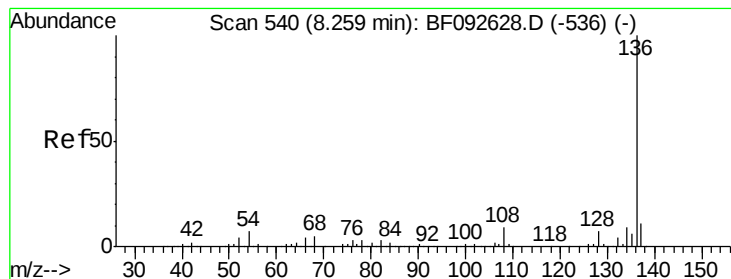


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

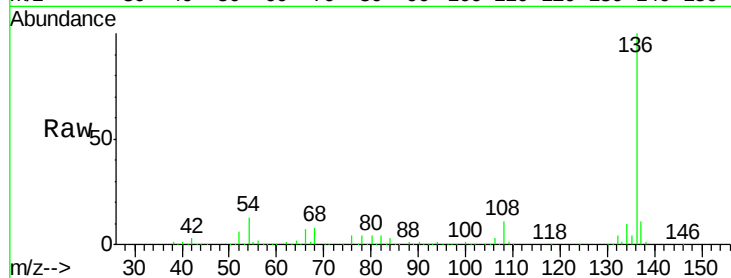




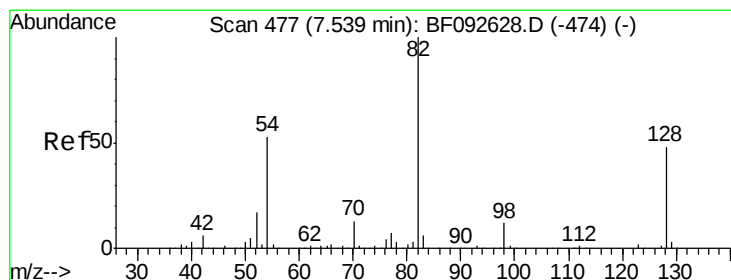
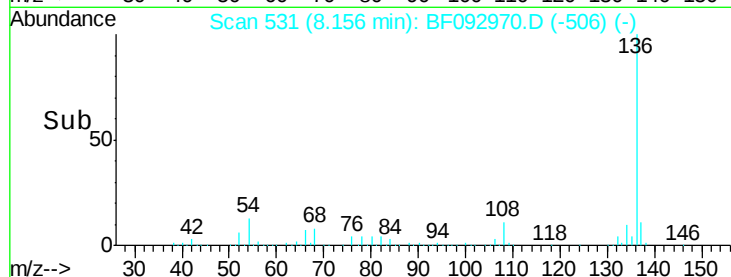
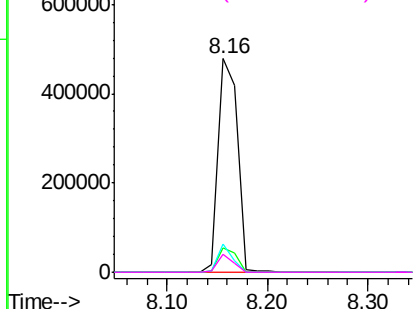
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092970.D
Acq: 16 Feb 2017 00:04

Instrument :
BNA_F
ClientSampleId :
280517-COMP-0-2FT

Tgt Ion:	136	Resp:	636353
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	13.1	4.5	6.7#
68	8.4	3.6	5.4#

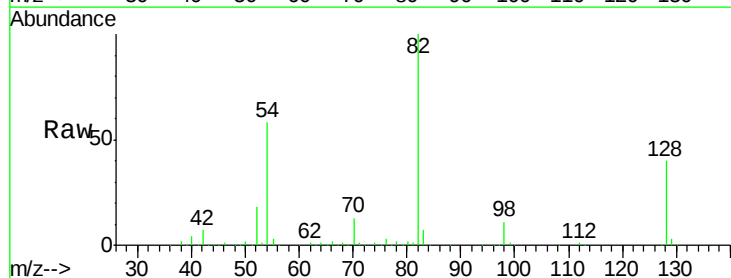


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

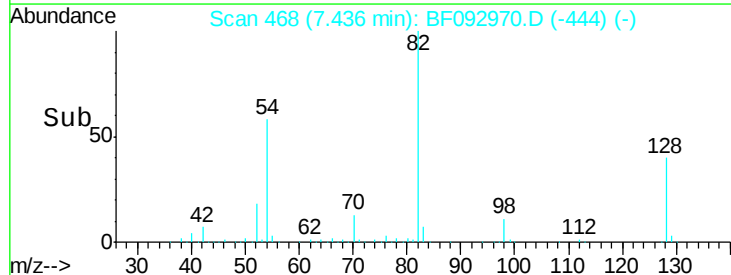
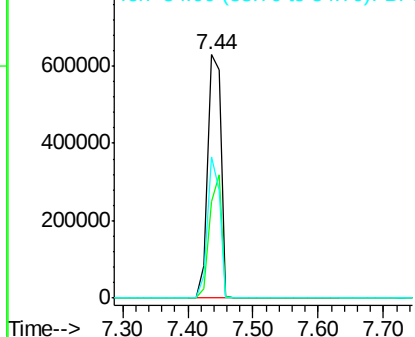


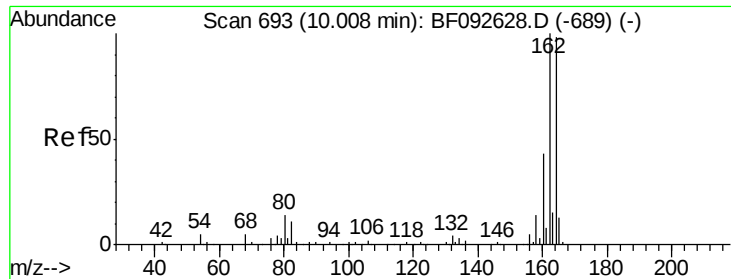
#23
Nitrobenzene-d5
Concen: 79.29 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092970.D
Acq: 16 Feb 2017 00:04

Tgt Ion:	82	Resp:	906056
Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.6	52.0
54	58.0	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

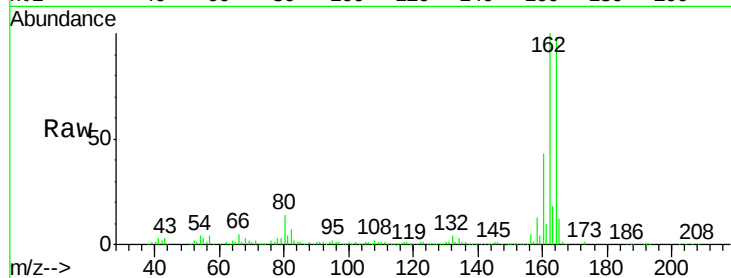




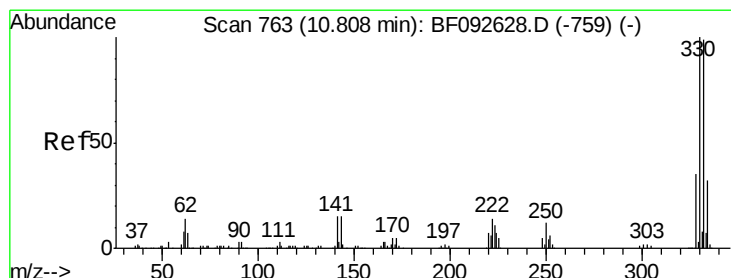
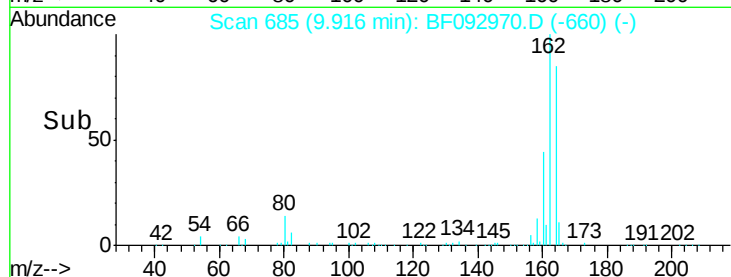
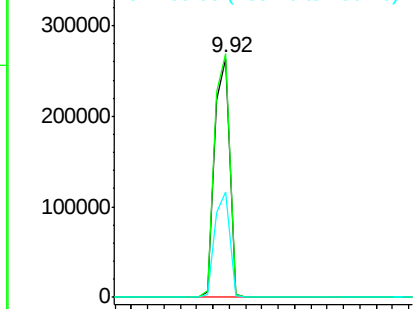
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092970.D
Acq: 16 Feb 2017 00:04

Instrument :
BNA_F
ClientSampleId :
280517-COMP-0-2FT

Tgt Ion:164 Resp: 341386
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 44.0 36.9 55.3

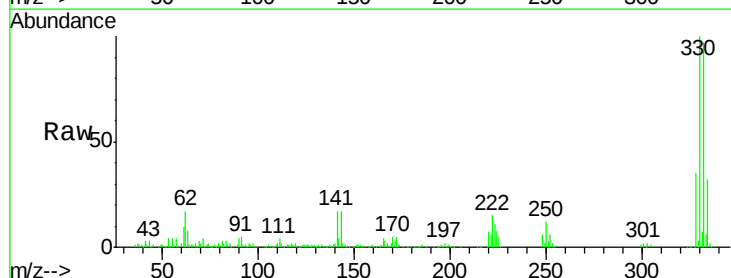


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

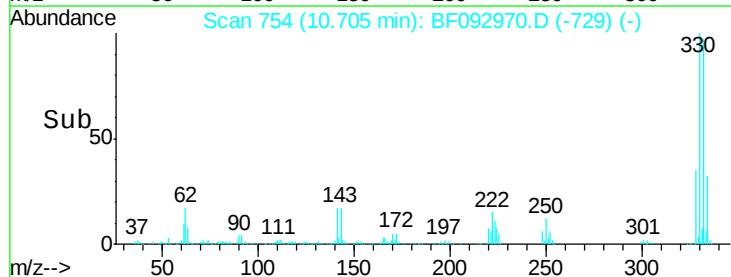
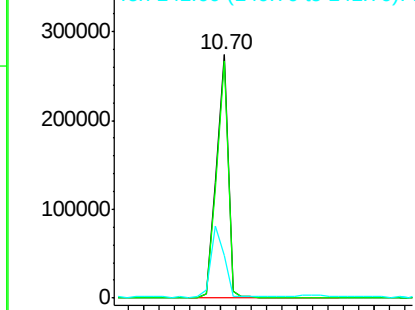


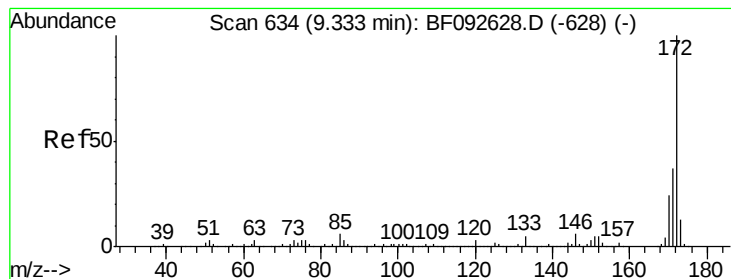
#41
2,4,6-Tribromophenol
Concen: 117.89 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092970.D
Acq: 16 Feb 2017 00:04

Tgt Ion:330 Resp: 291074
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.2
141 33.3 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: 81.70 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF092970.D

Acq: 16 Feb 2017 00:04

Instrument :

BNA_F

ClientSampleId :

280517-COMP-0-2FT

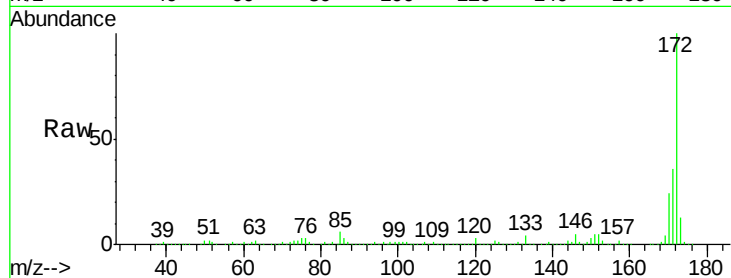
Tgt Ion:172 Resp: 1539530

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

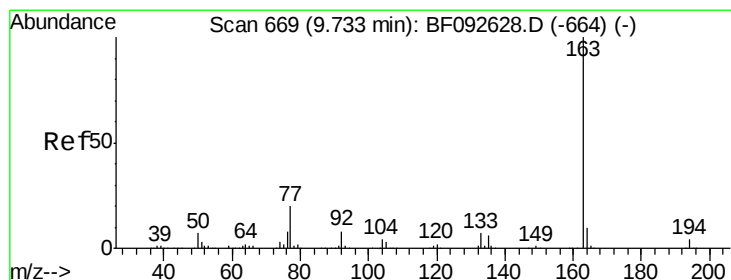
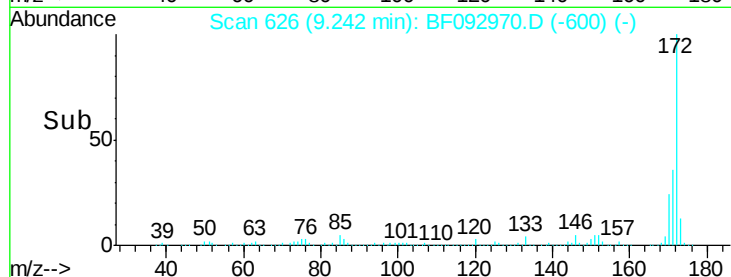
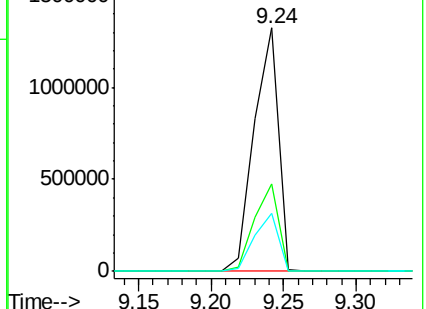
170 23.9 20.2 30.4



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: 13.87 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF092970.D

Acq: 16 Feb 2017 00:04

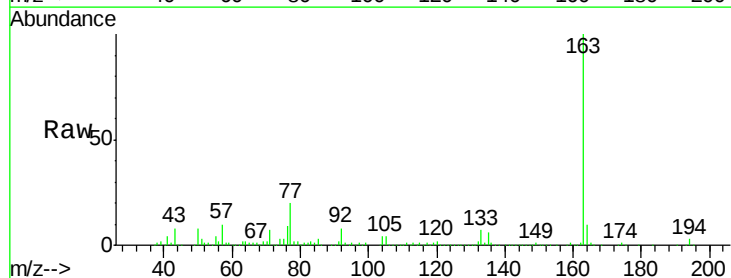
Tgt Ion:163 Resp: 318833

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

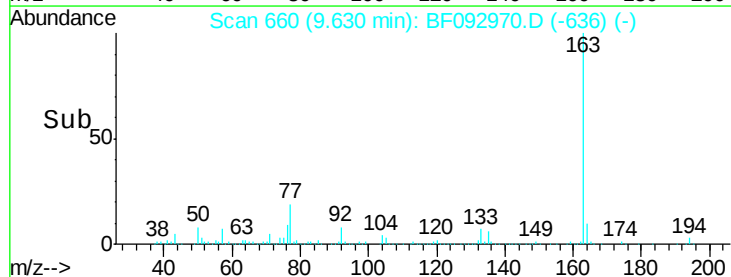
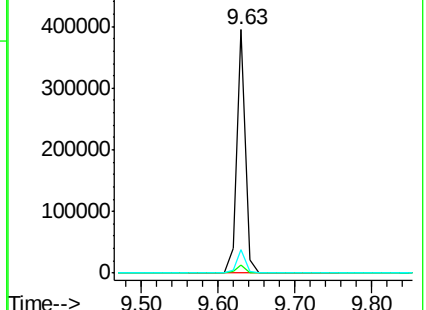
164 9.8 8.0 12.0

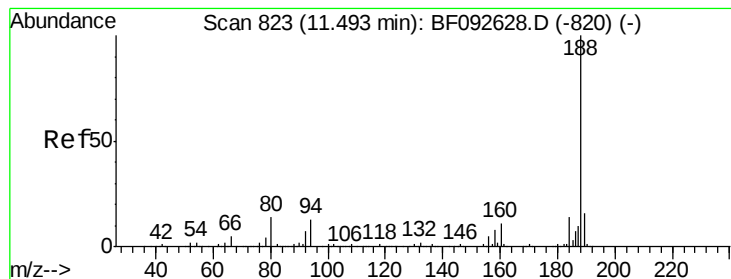


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092970.D

Acq: 16 Feb 2017 00:04

Instrument :

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280517-COMP-0-2FT

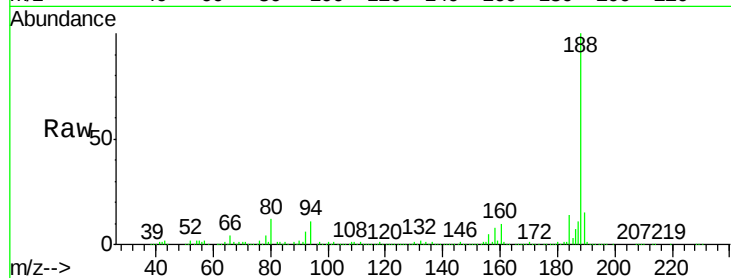
Tgt Ion:188 Resp: 535898

Ion Ratio Lower Upper

188 100

94 11.3 10.0 15.0

80 12.1 11.2 16.8

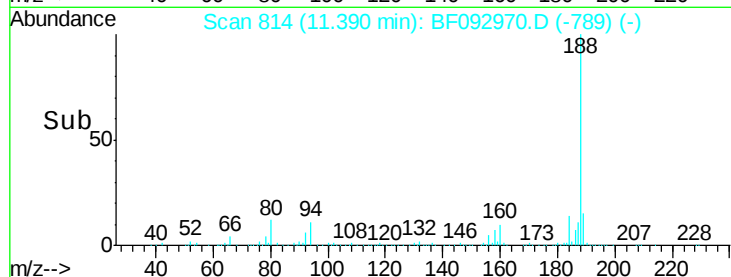


Abundance Ion 188.00 (187.70 to 188.70): E

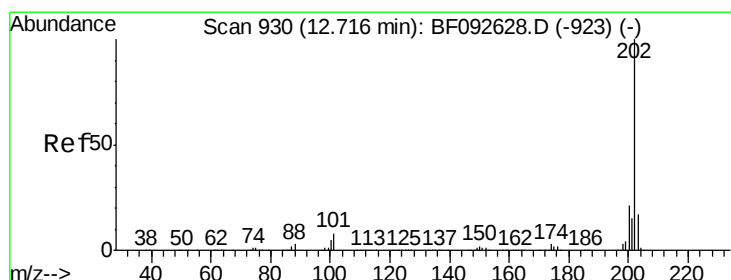
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#74

Fluoranthene

Concen: 2.24 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092970.D

Acq: 16 Feb 2017 00:04

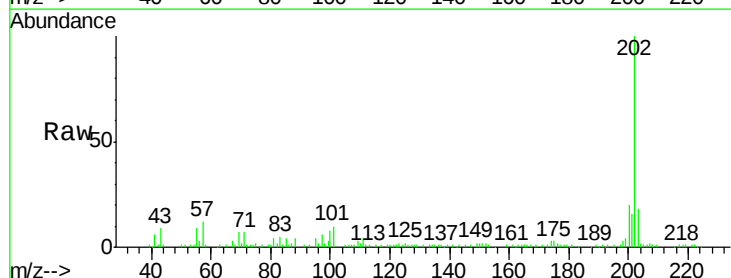
Tgt Ion:202 Resp: 70939

Ion Ratio Lower Upper

202 100

101 9.9 0.0 34.6

203 17.9 0.0 38.7

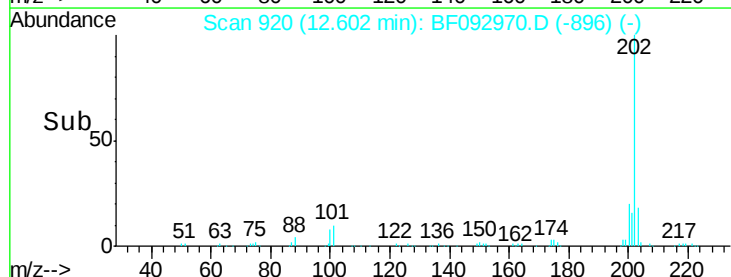


Abundance Ion 202.00 (201.70 to 202.70): E

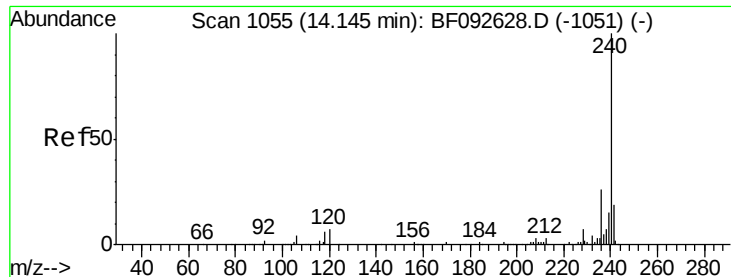
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092970.D

Acq: 16 Feb 2017 00:04

Instrument :

BNA_F

ClientSampleId :

280517-COMP-0-2FT

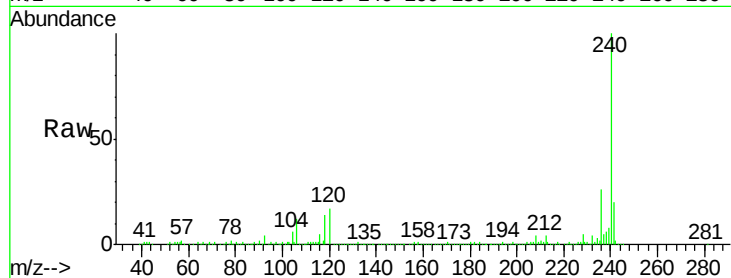
Tgt Ion:240 Resp: 366280

Ion Ratio Lower Upper

240 100

120 16.5 12.9 19.3

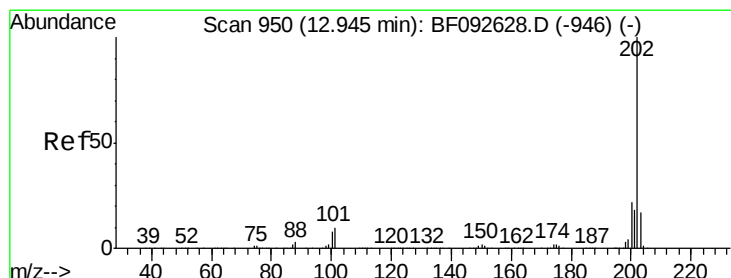
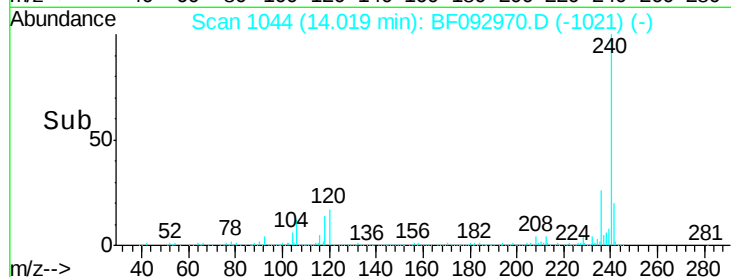
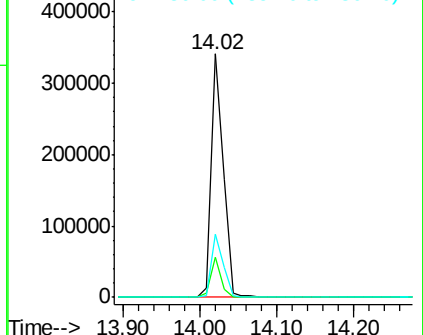
236 26.1 20.9 31.3



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: 2.46 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF092970.D

Acq: 16 Feb 2017 00:04

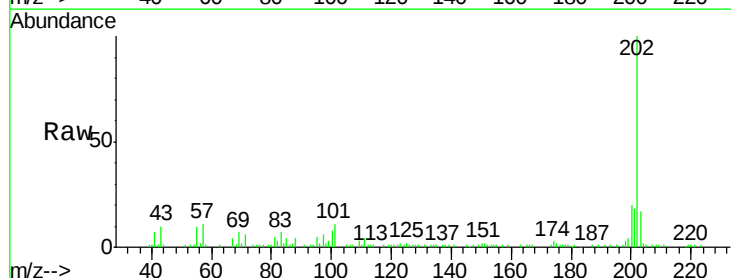
Tgt Ion:202 Resp: 67475

Ion Ratio Lower Upper

202 100

200 20.4 17.7 26.5

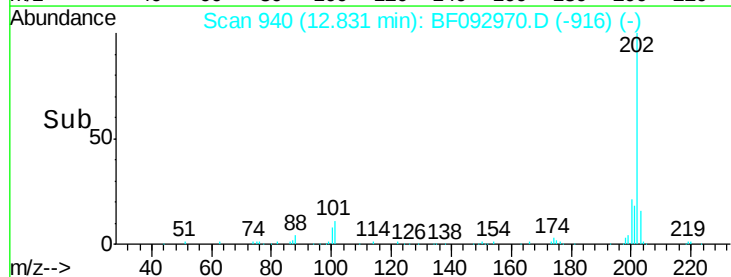
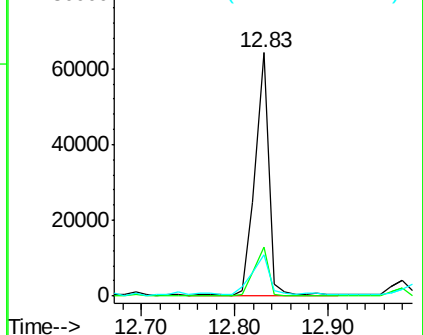
203 16.9 14.7 22.1

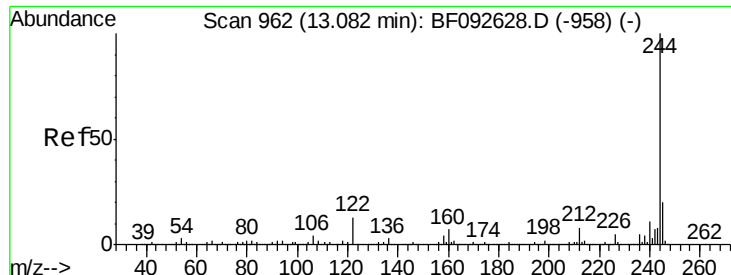


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.58 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092970.D

Acq: 16 Feb 2017 00:04

Instrument :

BNA_F

ClientSampleId :

280517-COMP-0-2FT

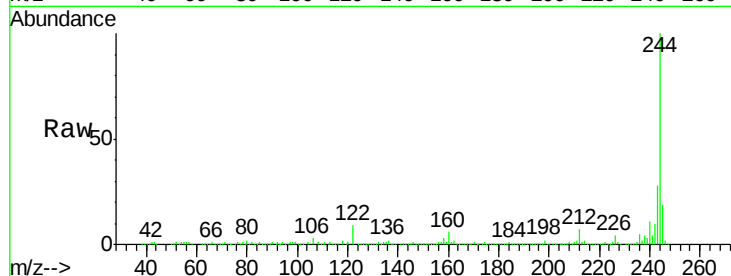
Tgt Ion:244 Resp: 1193835

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

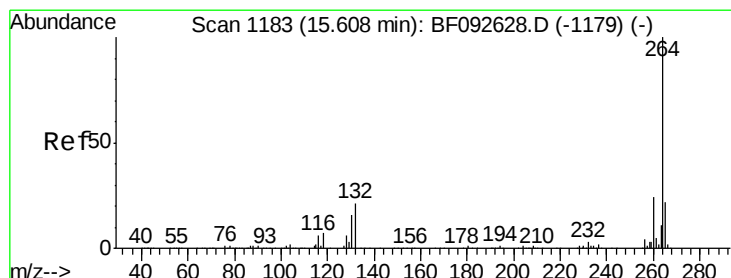
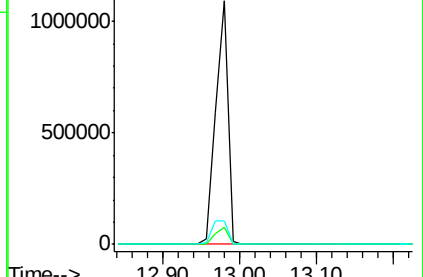
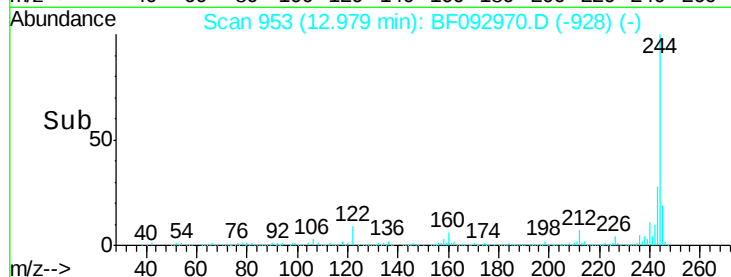
122 9.4 11.4 17.2#



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: 15.46 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF092970.D

Acq: 16 Feb 2017 00:04

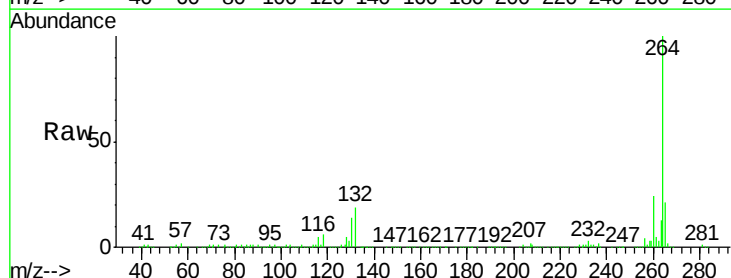
Tgt Ion:264 Resp: 328435

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.6 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

