

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092120.D
 Acq On : 6 Jan 2017 16:43
 Operator : UM/SJ
 Sample : I1025-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10

Quant Time: Jan 06 17:14:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	207603	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	705369	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	377772	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	646322	20.00	ng	0.00
75) Chrysene-d12	13.77	240	574579	20.00	ng	-0.01
86) Perylene-d12	15.15	264	432071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1625111	130.71	ng	0.02
7) Phenol-d6	6.31	99	2152271	141.78	ng	0.00
23) Nitrobenzene-d5	7.21	82	1180247	93.04	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	487493	155.93	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1854749	103.39	ng	0.00
78) Terphenyl-d14	12.75	244	1887949	79.69	ng	0.00

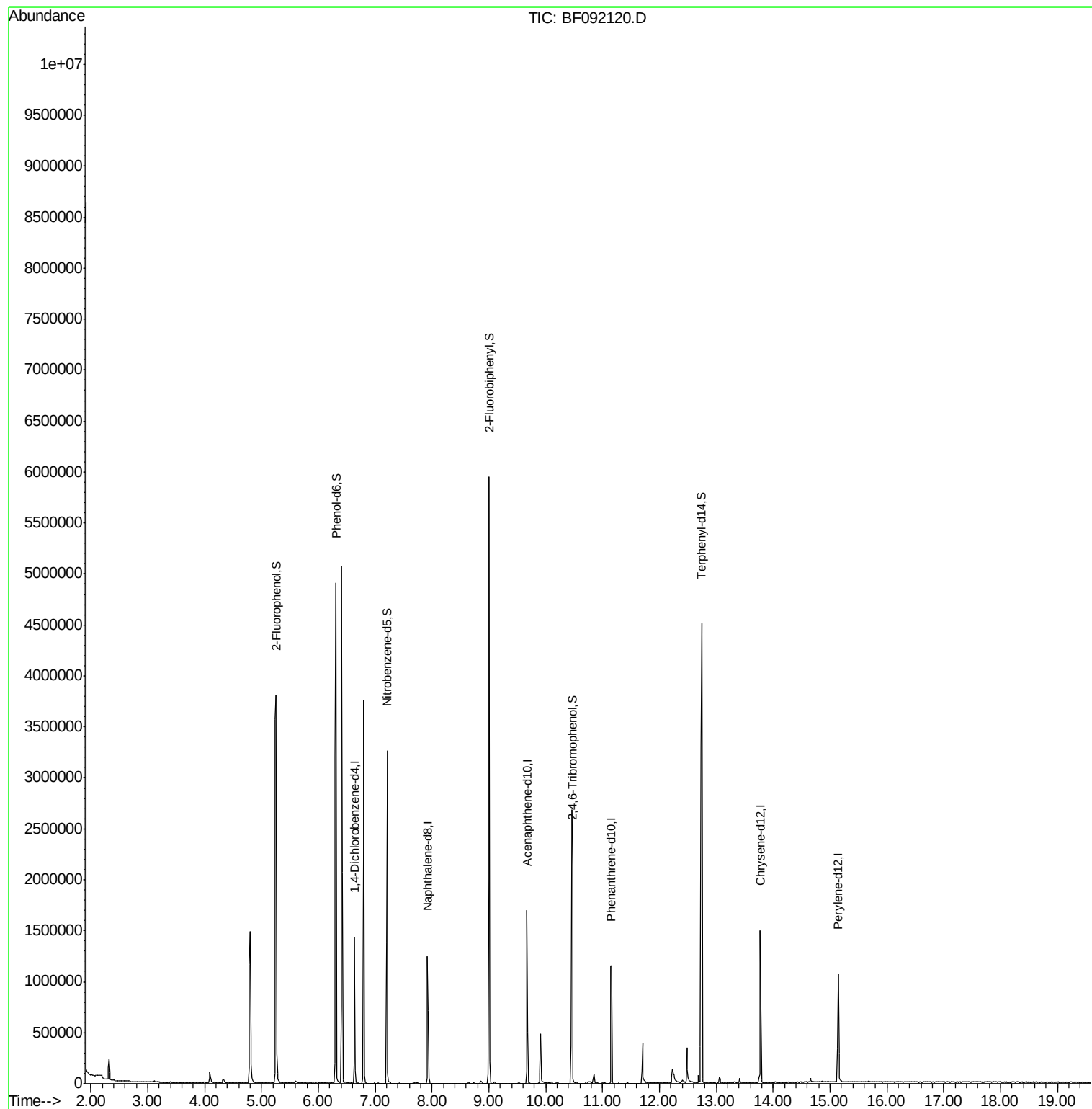
Target Compounds Qvalue

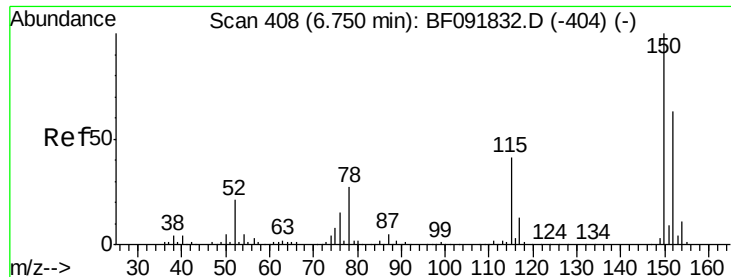
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092120.D

Acq: 6 Jan 2017 16:43

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10

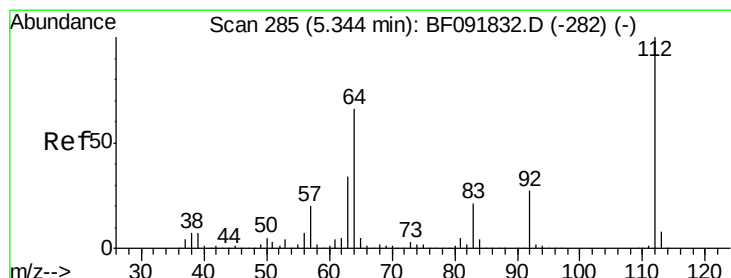
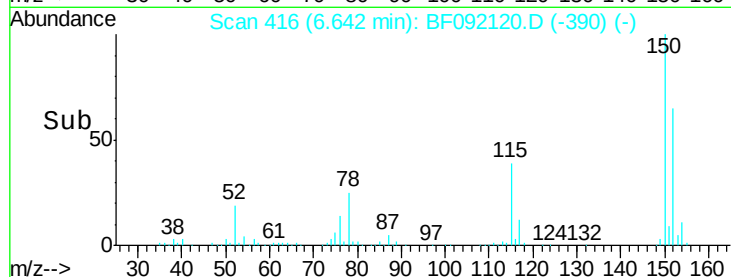
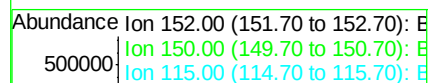
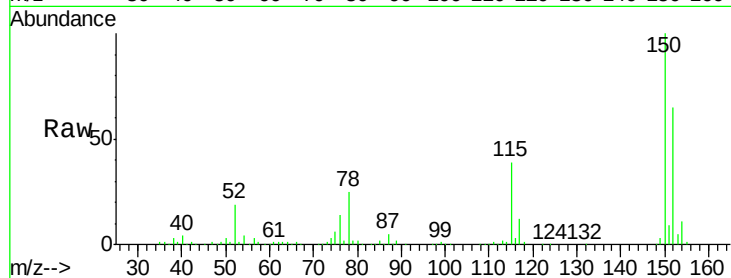
Tot Ion:152 Resp: 207603

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

115 60.1 46.0 69.0



#5

2-Fluorophenol

Concen: 130.71 ng

RT: 5.26 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF092120.D

Acq: 6 Jan 2017 16:43

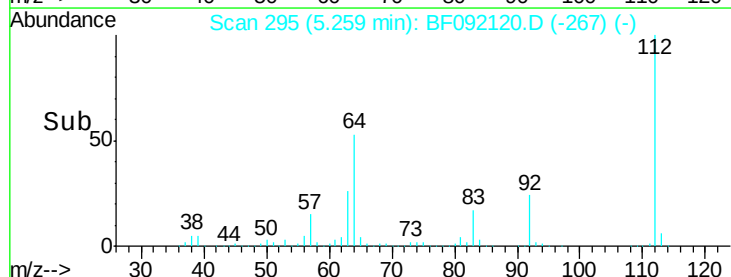
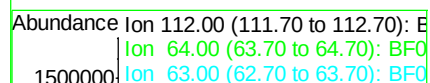
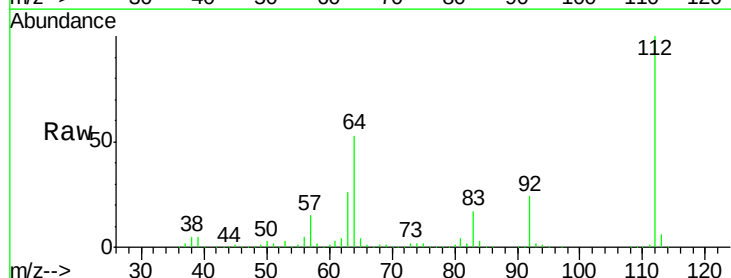
Tgt Ion:112 Resp: 1625111

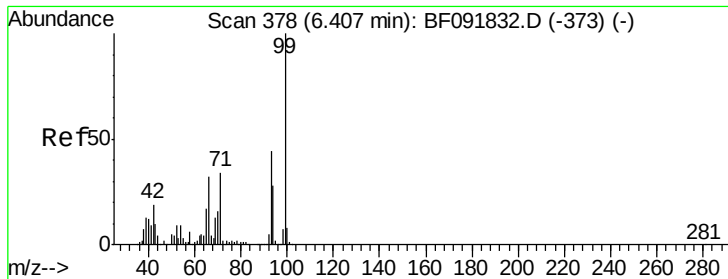
Ion Ratio Lower Upper

112 100

64 52.9 46.1 69.1

63 26.5 23.8 35.6





#7

Phenol-d6

Concen: 141.78 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092120.D

Acq: 6 Jan 2017 16:43

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10

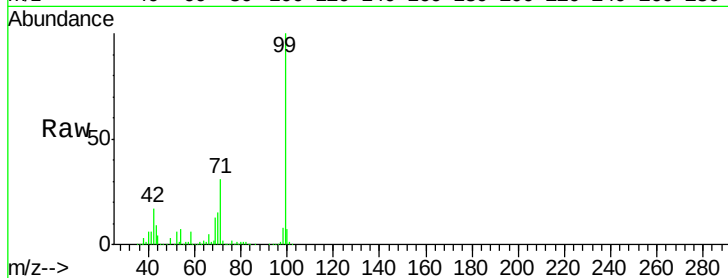
Tot Ion: 99 Resp: 2152271

Ion Ratio Lower Upper

99 100

42 16.5 15.6 23.4

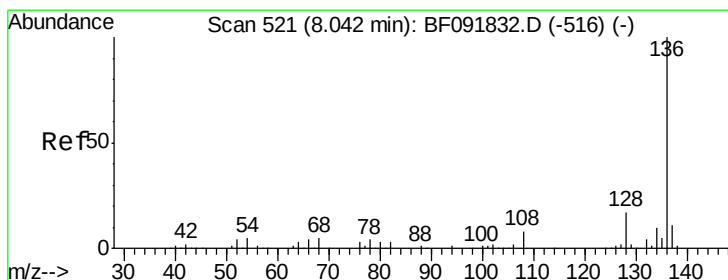
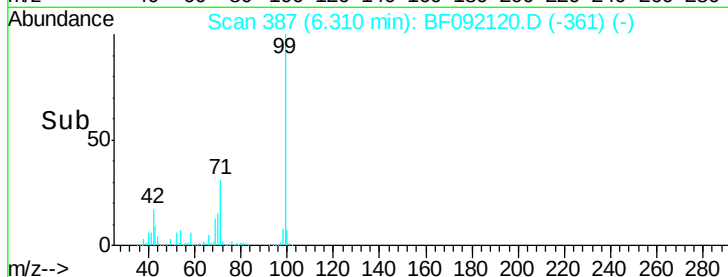
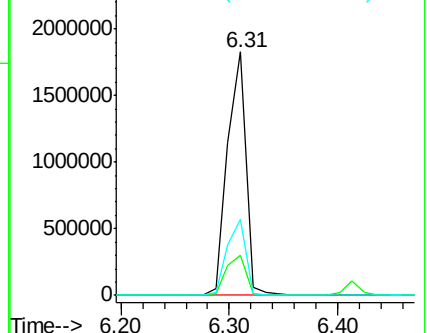
71 31.4 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092120.D

Acq: 6 Jan 2017 16:43

Tgt Ion: 136 Resp: 705369

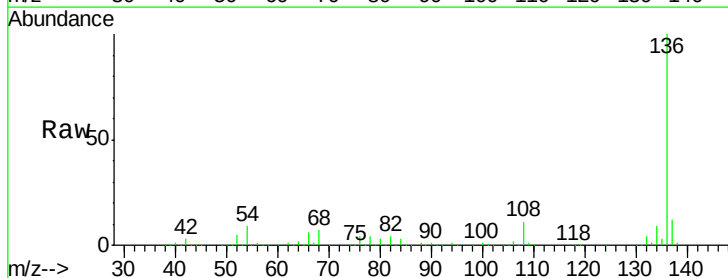
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 9.4 4.5 6.7#

68 7.2 3.6 5.4#

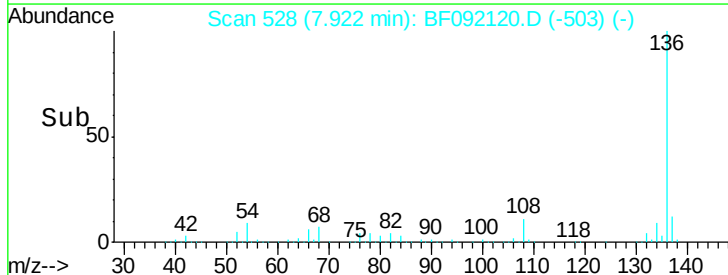
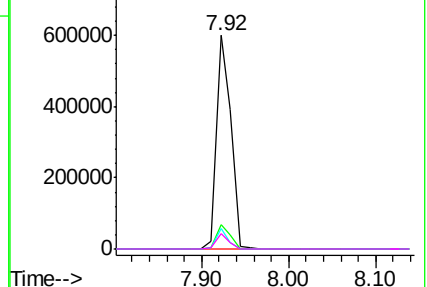


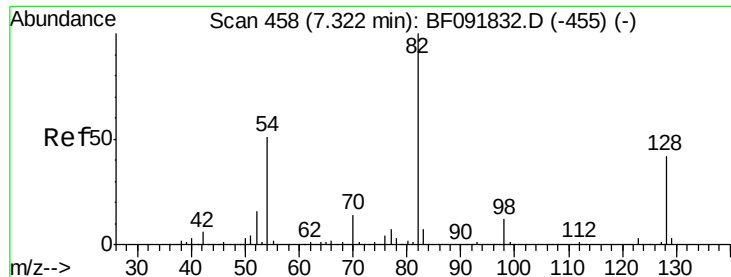
Abundance Ion 136.00 (135.70 to 136.70): E

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



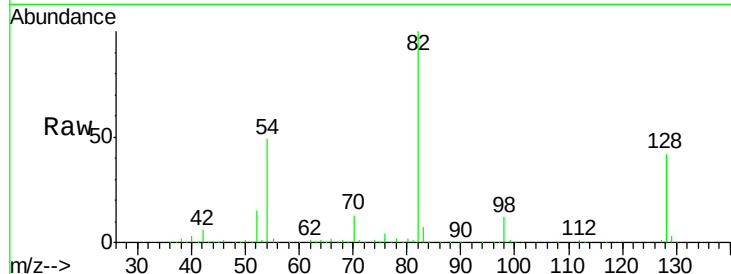


#23
 Nitrobenzene-d5
 Concen: 93.04 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092120.D
 Acq: 6 Jan 2017 16:43

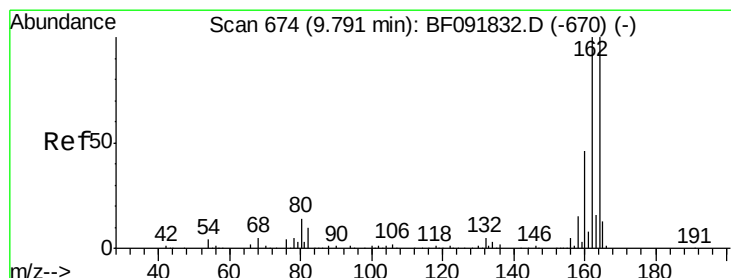
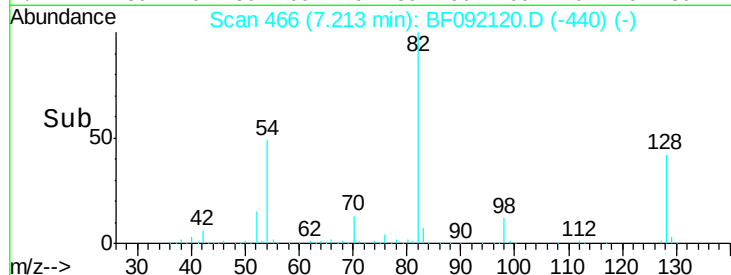
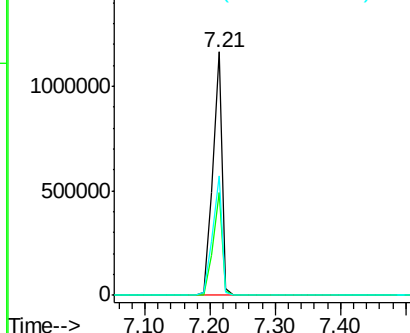
Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10

Tot Ion: 82 Resp: 1180247

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	49.1	39.5	59.3



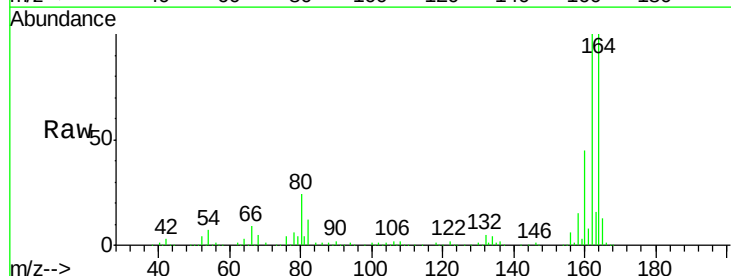
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



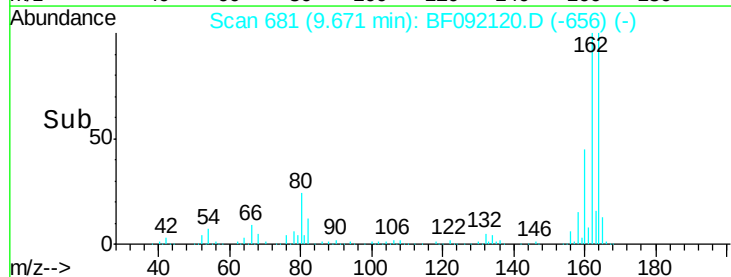
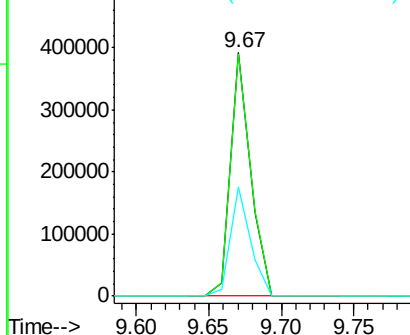
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092120.D
 Acq: 6 Jan 2017 16:43

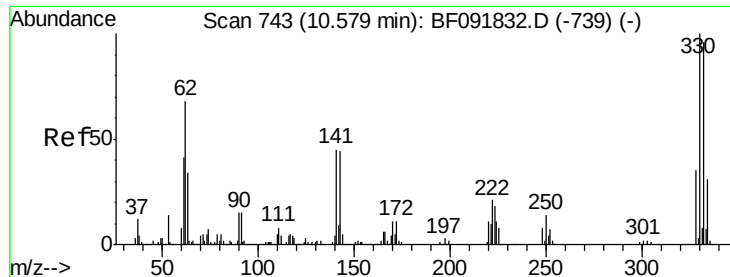
Tgt Ion:164 Resp: 377772

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	44.9	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

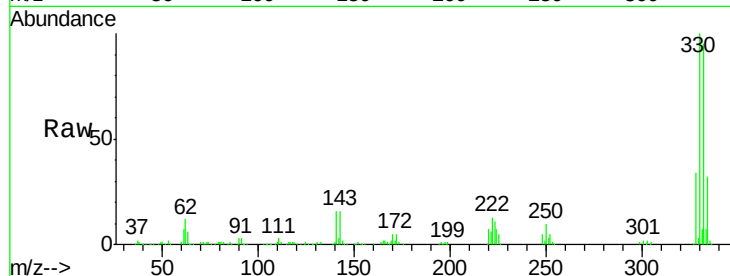




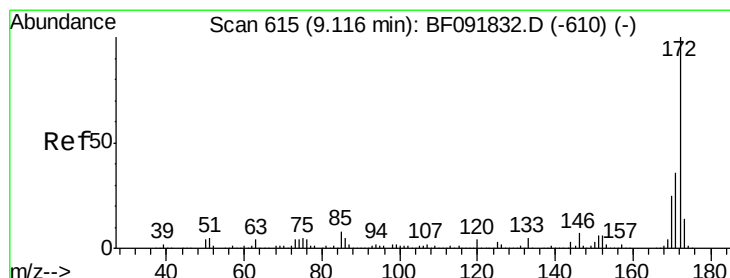
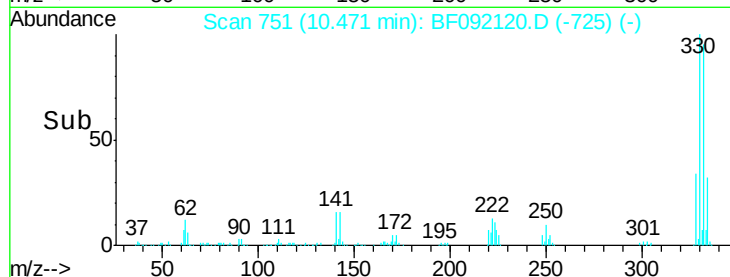
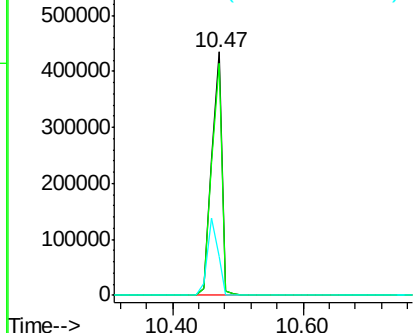
#41
 2,4,6-Tribromophenol
 Concen: 155.93 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092120.D
 Acq: 6 Jan 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10

Tot Ion:330 Resp: 487493
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 32.8 34.1 51.1#

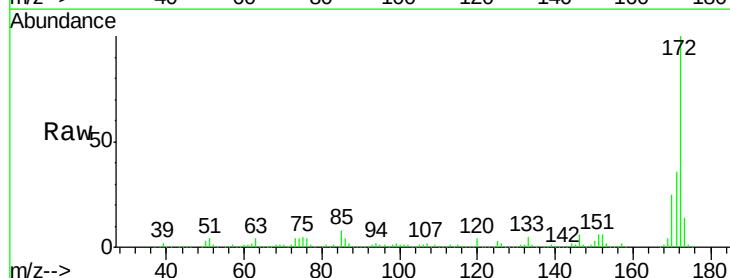


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

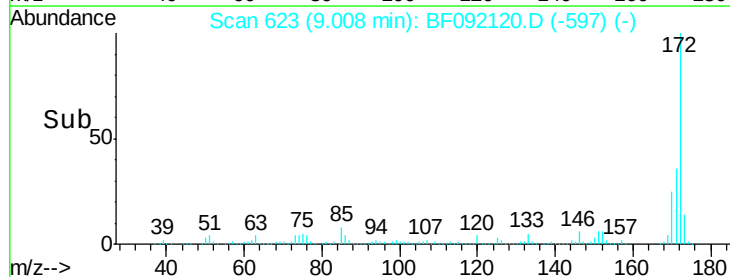
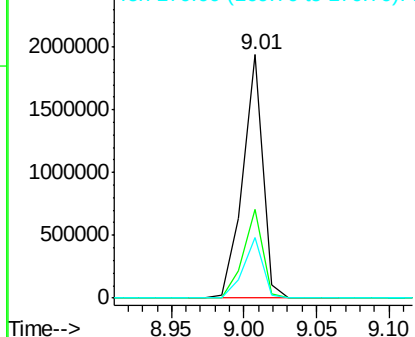


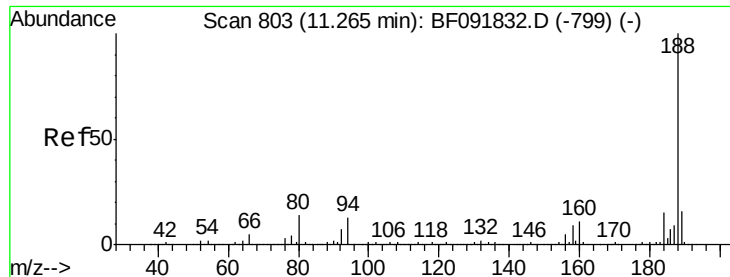
#44
 2-Fluorobiphenyl
 Concen: 103.39 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092120.D
 Acq: 6 Jan 2017 16:43

Tgt Ion:172 Resp: 1854749
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.8 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

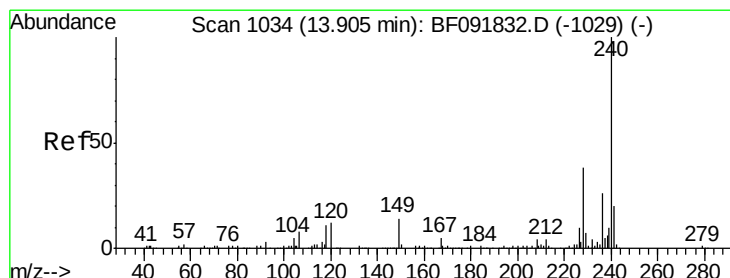
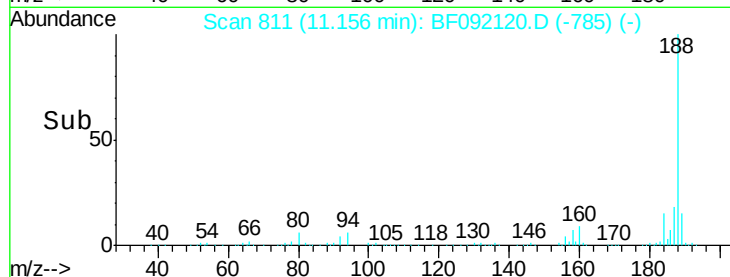
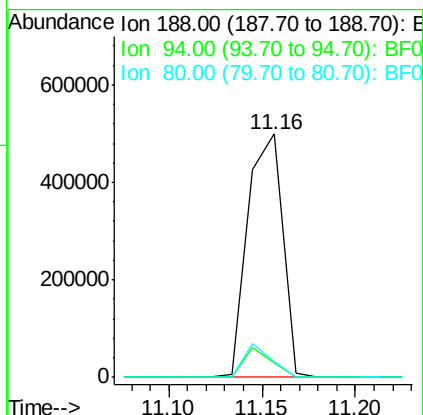
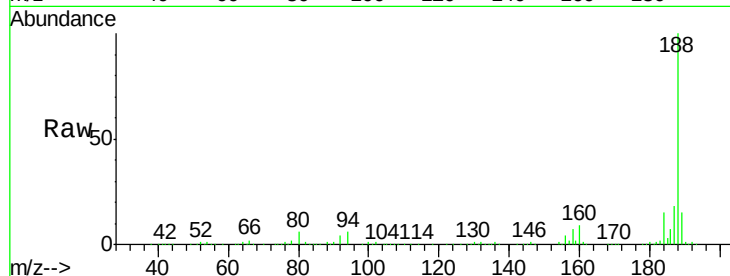




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092120.D
Acq: 6 Jan 2017 16:43

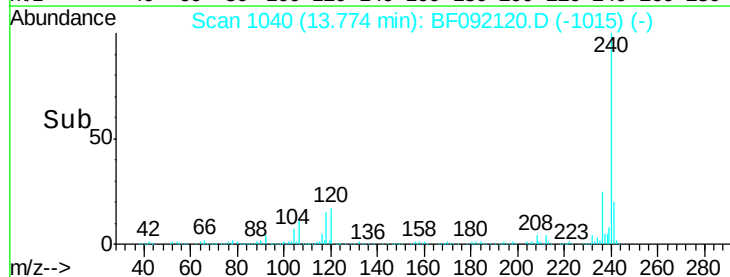
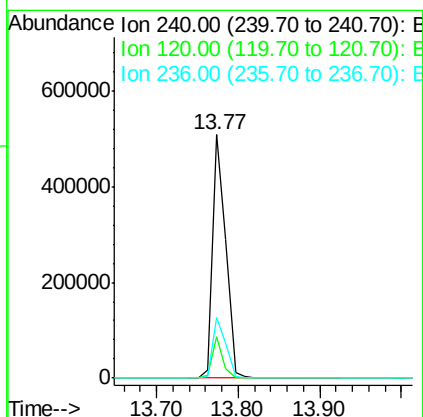
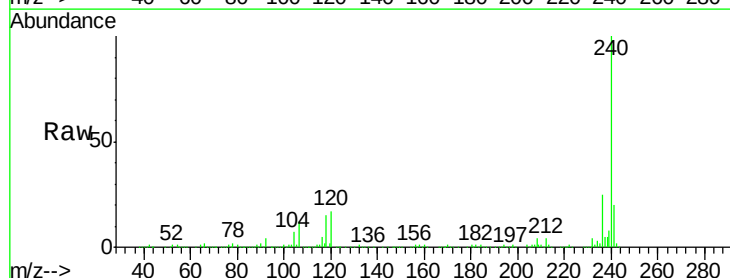
Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10

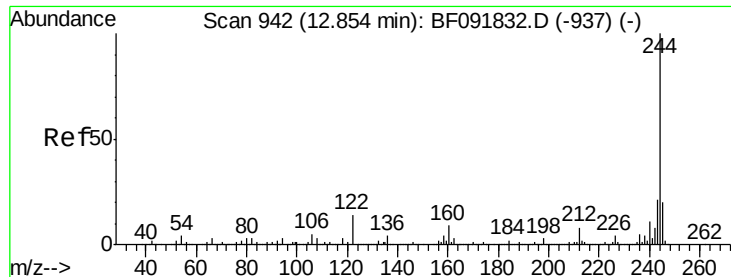
Tot Ion:188 Resp: 646322
Ion Ratio Lower Upper
188 100
94 6.2 10.0 15.0#
80 6.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF092120.D
Acq: 6 Jan 2017 16:43

Tgt Ion:240 Resp: 574579
Ion Ratio Lower Upper
240 100
120 16.8 12.9 19.3
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 79.69 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092120.D

Acq: 6 Jan 2017 16:43

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10

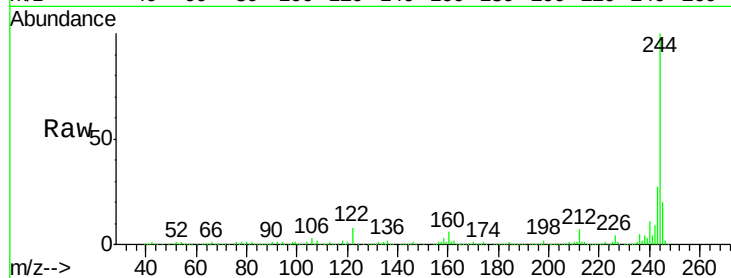
Tot Ion:244 Resp: 1887949

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

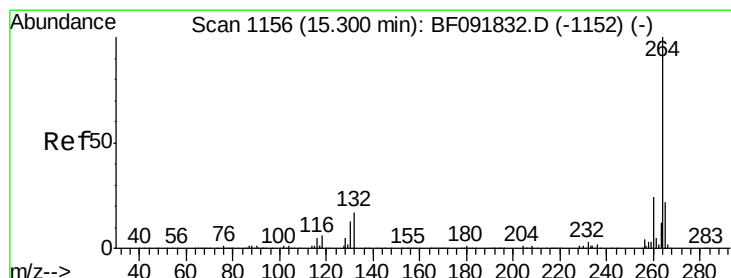
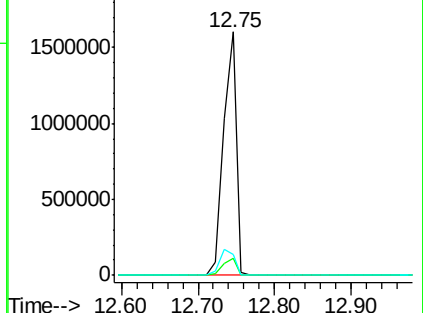
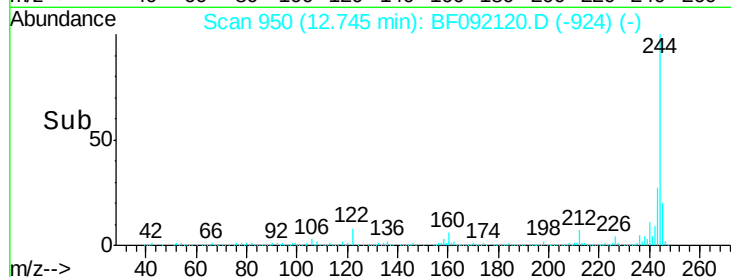
122 8.5 11.4 17.2#



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: 15.15 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF092120.D

Acq: 6 Jan 2017 16:43

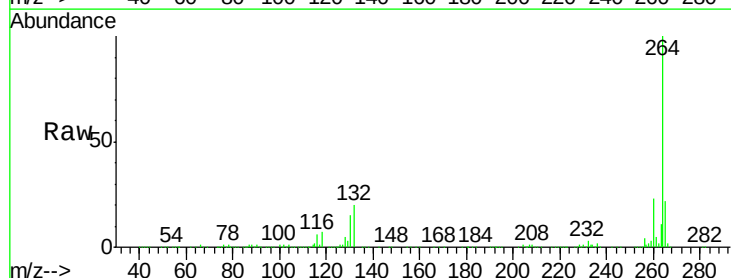
Tgt Ion:264 Resp: 432071

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

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

