

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010917\
 Data File : BF092135.D
 Acq On : 9 Jan 2017 13:44
 Operator : UM/SJ
 Sample : PB95795BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BL

Quant Time: Jan 09 14:51:16 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	6.63	152	193058	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	769685	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	413585	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	695795	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	756628	20.00	ng	-0.01
86) Perylene-d12	15.15	264	558141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1399638	121.05	ng	0.01
7) Phenol-d6	6.31	99	2002693	141.87	ng	0.00
23) Nitrobenzene-d5	7.20	82	1202974	86.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	426626	124.65	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1968383	99.75	ng	-0.01
78) Terphenyl-d14	12.73	244	1881073	60.30	ng	-0.01

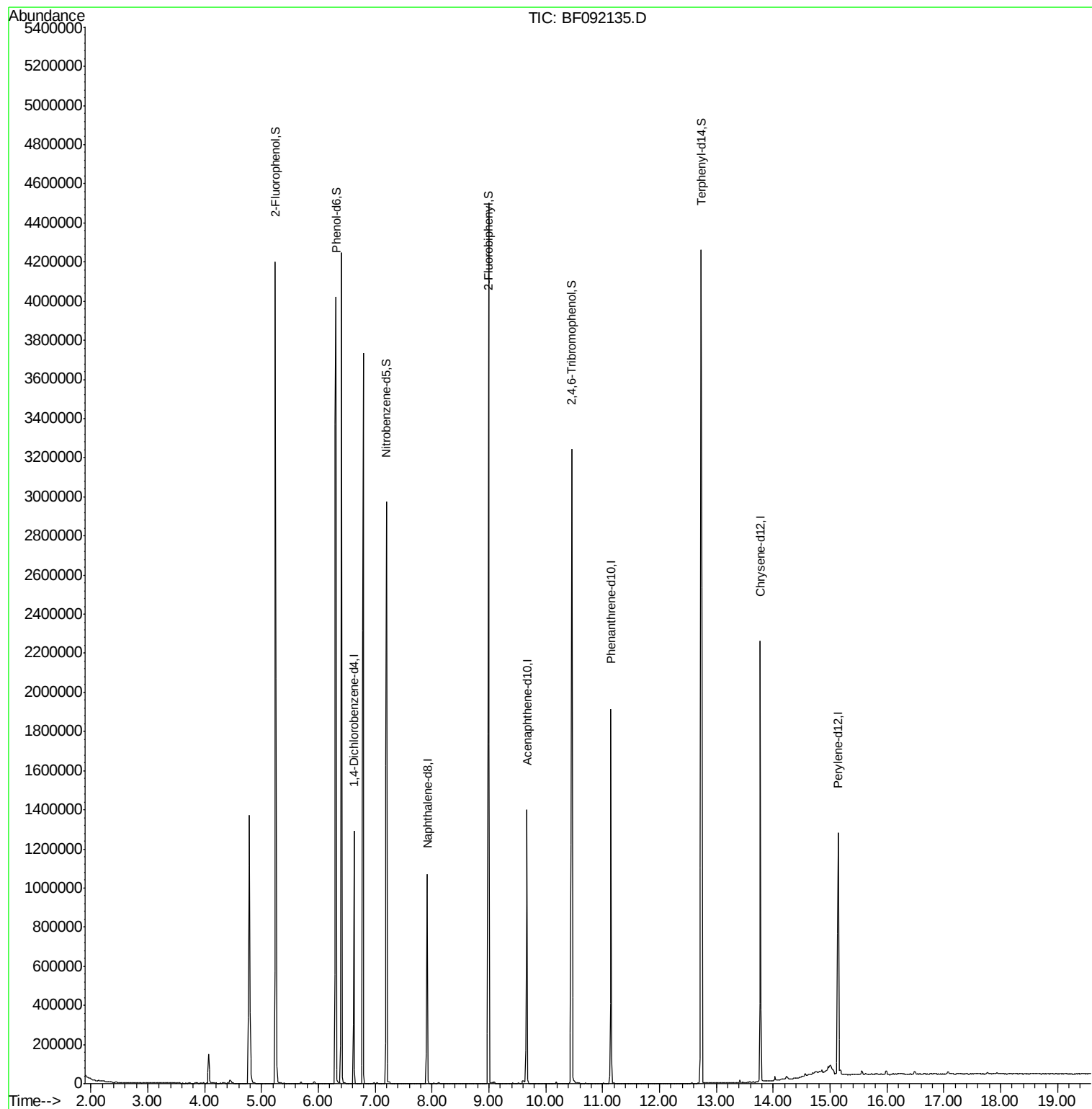
Target Compounds Qvalue

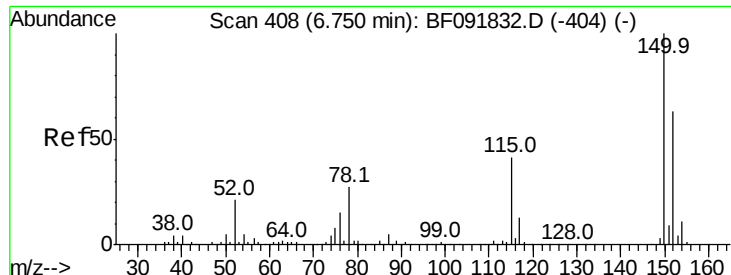
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

Instrument :

BNA_F

ClientSampleId :

PB95795BL

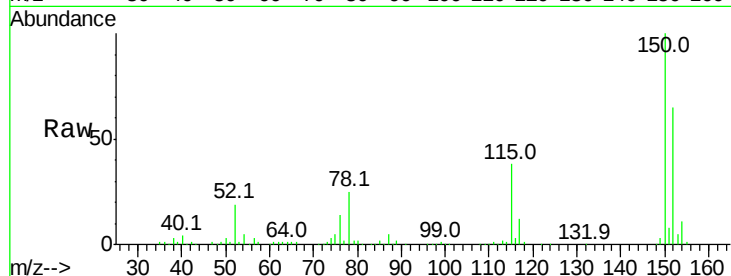
Tot Ion:152 Resp: 193058

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

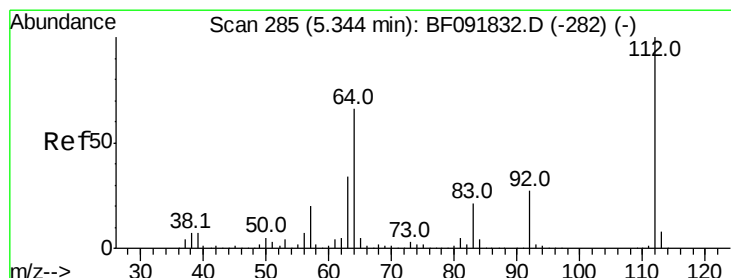
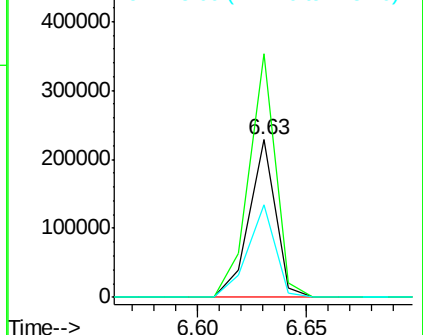
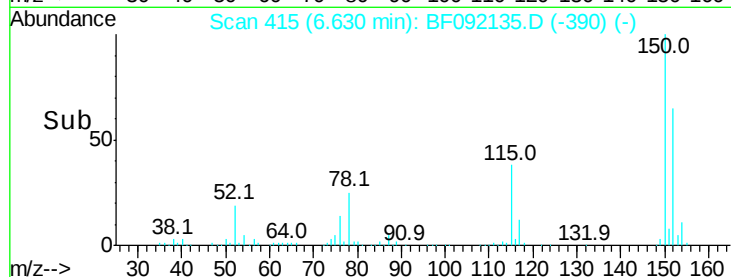
115 58.6 46.0 69.0



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: 121.05 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

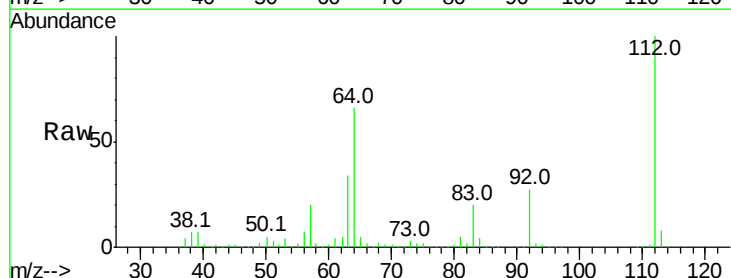
Tgt Ion:112 Resp: 1399638

Ion Ratio Lower Upper

112 100

64 66.0 46.1 69.1

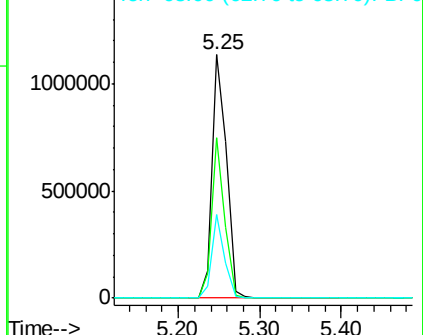
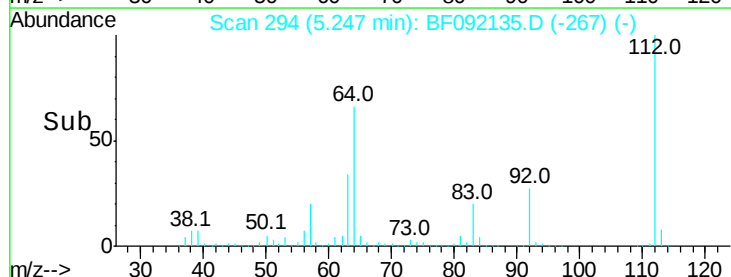
63 34.3 23.8 35.6

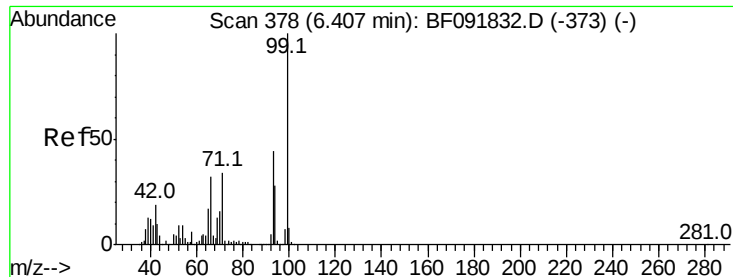


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.87 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

Instrument :

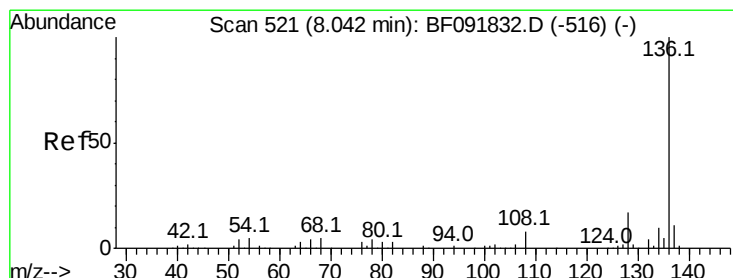
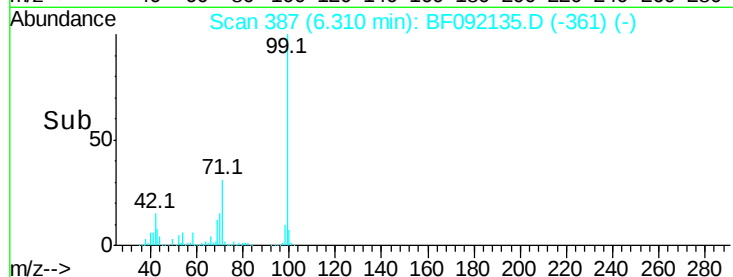
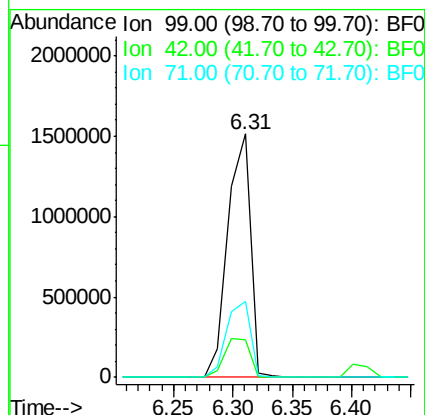
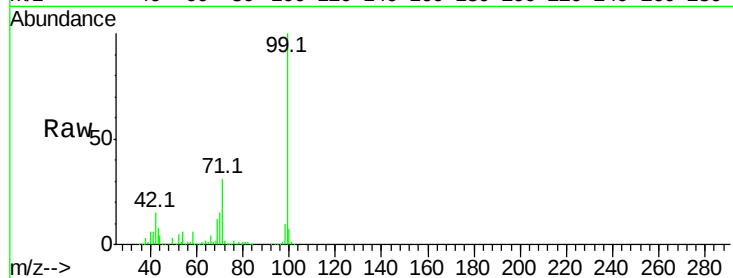
BNA_F

ClientSampleId :

PB95795BL

Tot Ion: 99 Resp: 2002693

Ion	Ratio	Lower	Upper
99	100		
42	15.3	15.6	23.4#
71	31.3	27.5	41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

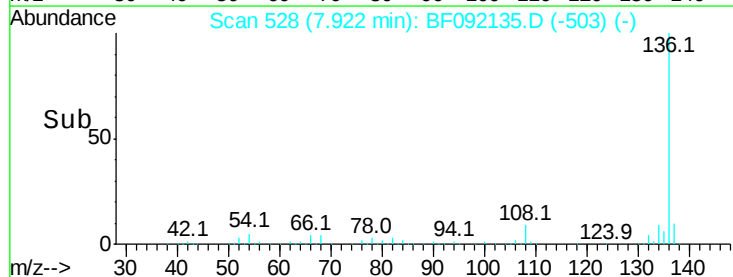
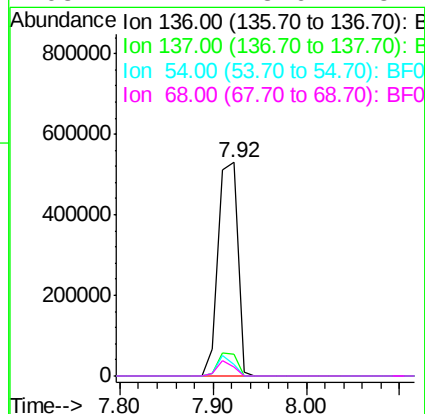
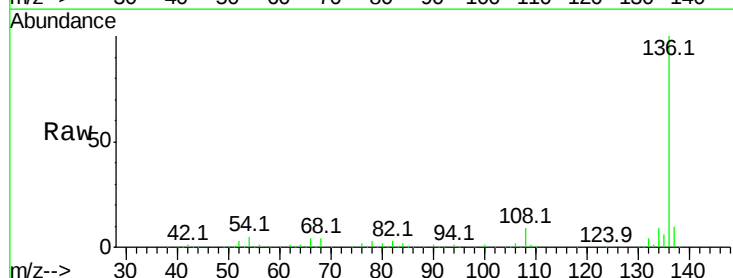
Delta R.T. -0.01 min

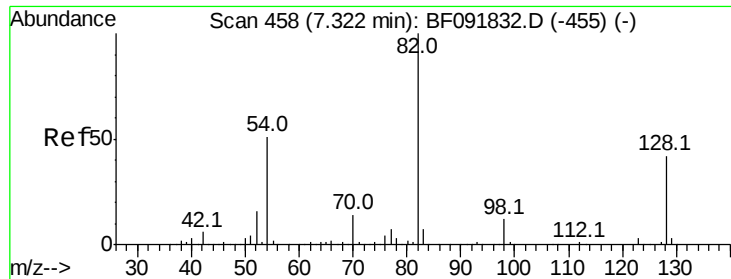
Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

Tgt Ion: 136 Resp: 769685

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	5.3	4.5	6.7
68	4.2	3.6	5.4



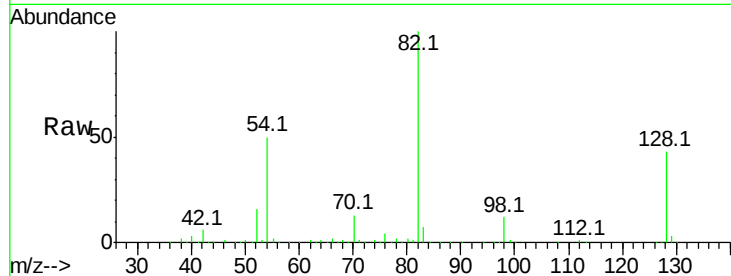


#23
 Nitrobenzene-d5
 Concen: 86.91 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF092135.D
 Acq: 9 Jan 2017 13:44

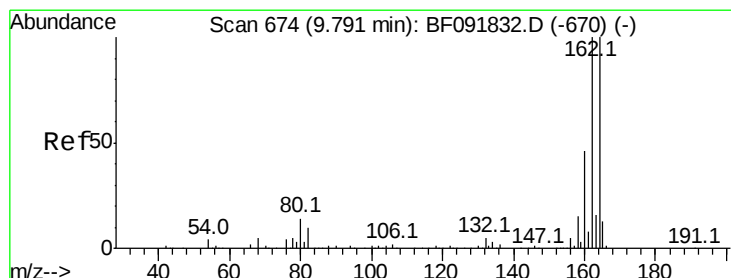
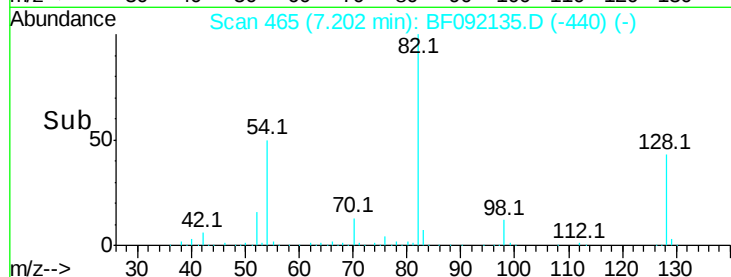
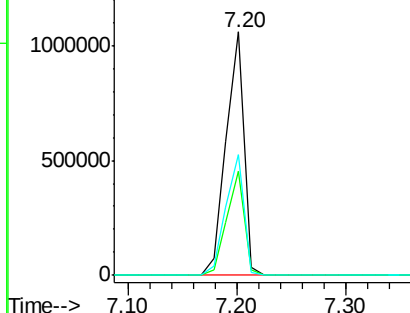
Instrument :
 BNA_F
 ClientSampled :
 PB95795BL

Tot Ion: 82 Resp: 1202974

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	52.0
54	49.6	39.5	59.3



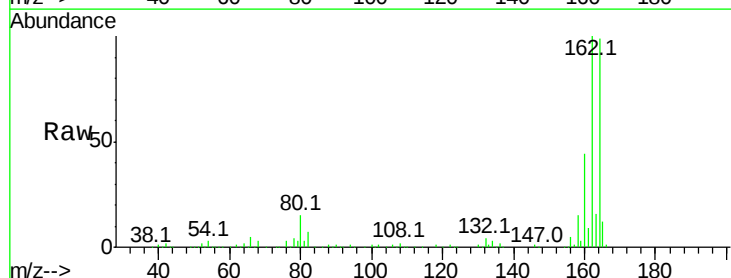
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



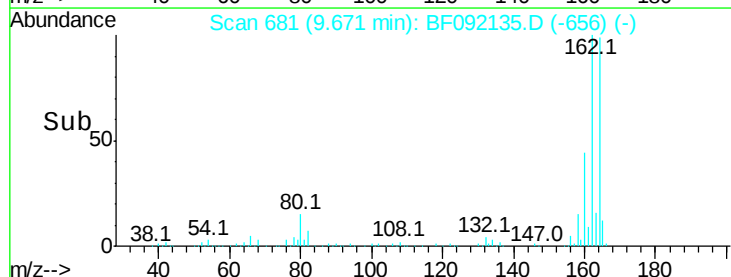
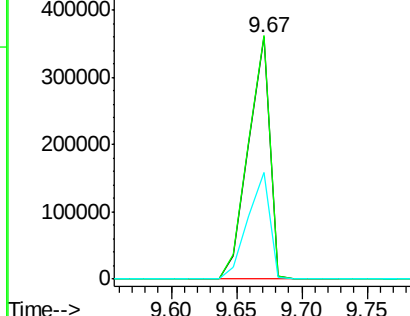
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092135.D
 Acq: 9 Jan 2017 13:44

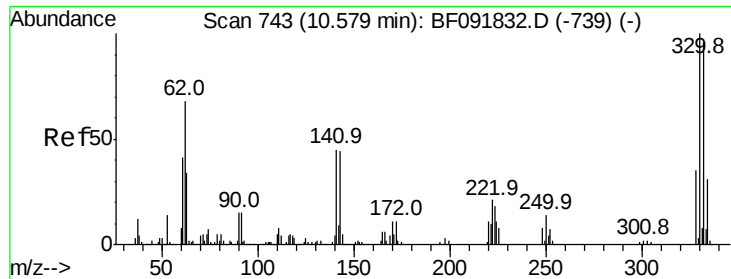
Tgt Ion:164 Resp: 413585

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.2	120.2
160	44.2	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

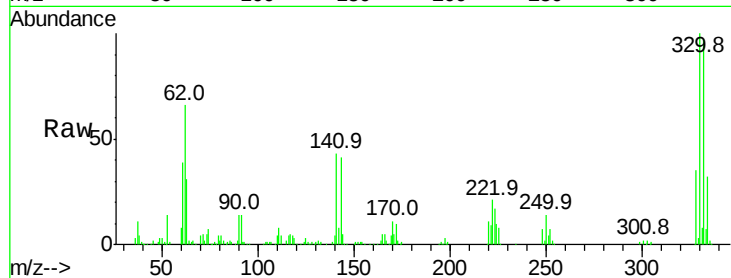




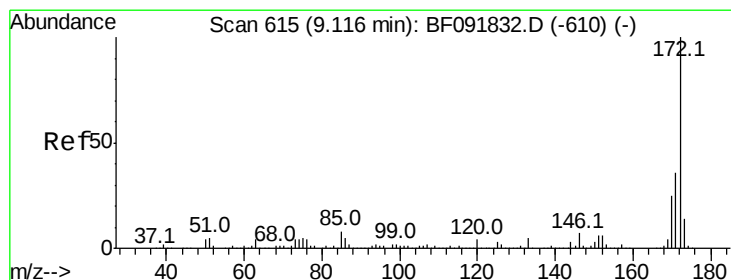
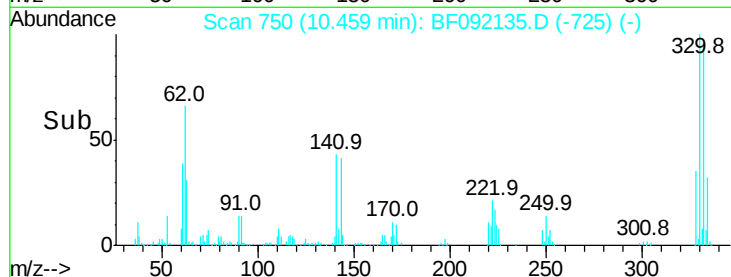
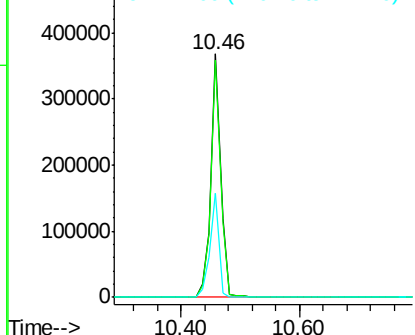
#41
 2,4,6-Tribromophenol
 Concen: 124.65 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092135.D
 Acq: 9 Jan 2017 13:44

Instrument :
 BNA_F
 ClientSampleID :
 PB95795BL

Tot Ion:330 Resp: 426626
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 38.9 34.1 51.1

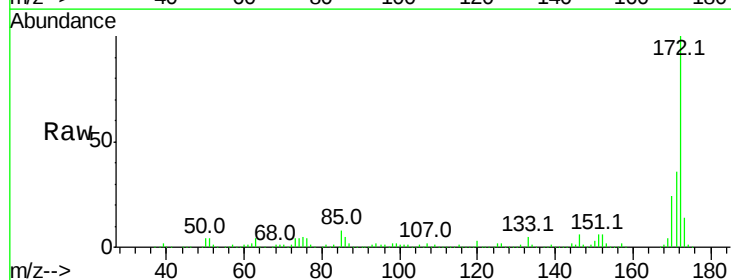


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

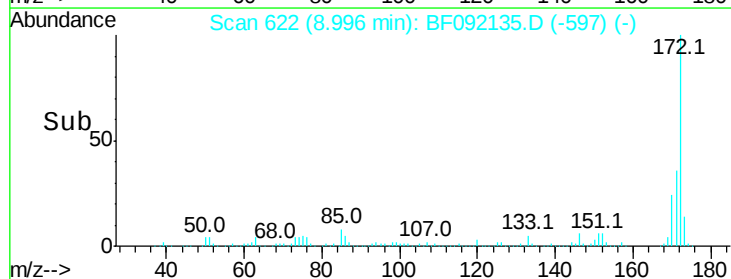
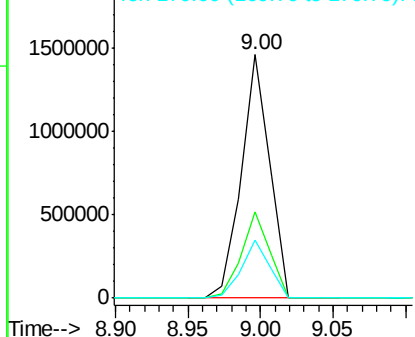


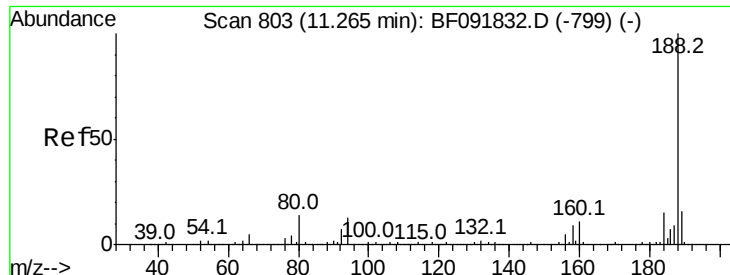
#44
 2-Fluorobiphenyl
 Concen: 99.75 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092135.D
 Acq: 9 Jan 2017 13:44

Tgt Ion:172 Resp: 1968383
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.0 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

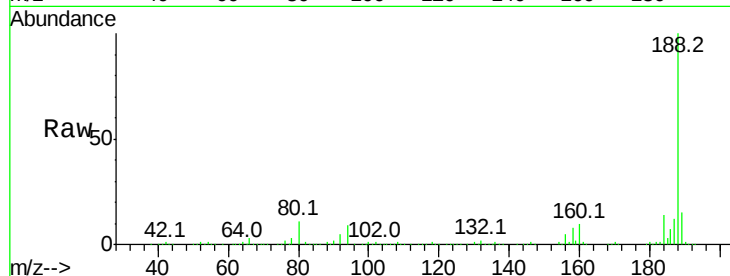




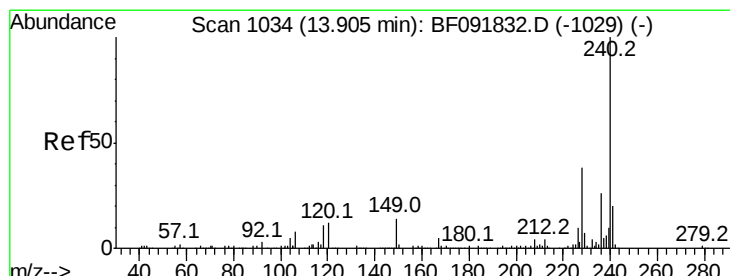
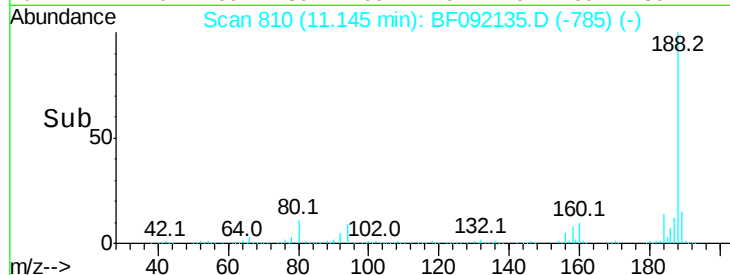
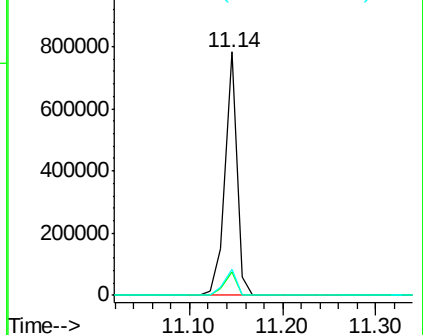
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092135.D
Acq: 9 Jan 2017 13:44

Instrument :
BNA_F
ClientSampleId :
PB95795BL

Tot Ion:188 Resp: 695795
Ion Ratio Lower Upper
188 100
94 9.5 10.0 15.0#
80 10.6 11.2 16.8#

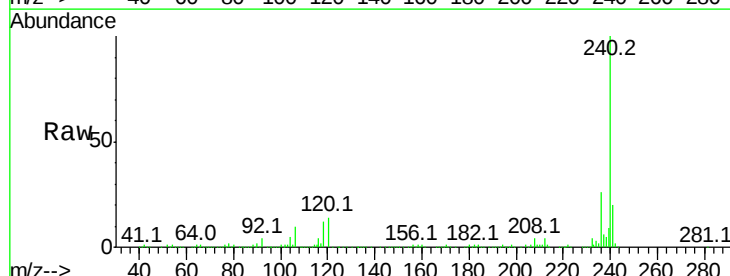


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

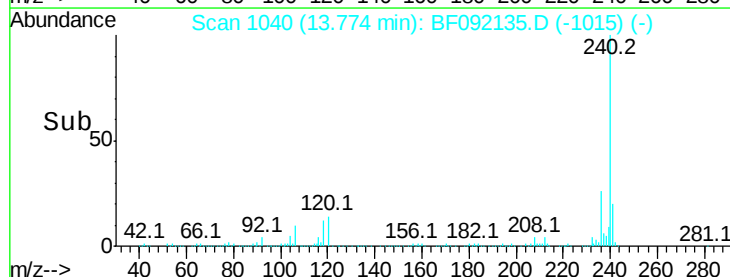
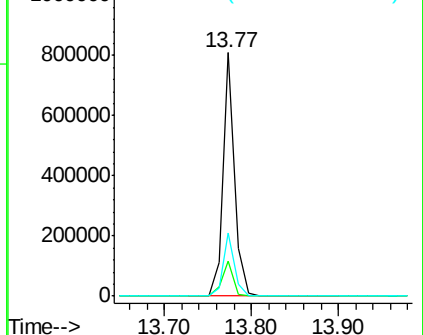


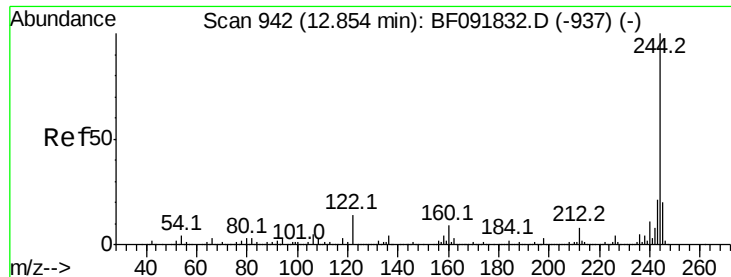
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF092135.D
Acq: 9 Jan 2017 13:44

Tgt Ion:240 Resp: 756628
Ion Ratio Lower Upper
240 100
120 14.3 12.9 19.3
236 26.0 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: 60.30 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

Instrument :

BNA_F

ClientSampleId :

PB95795BL

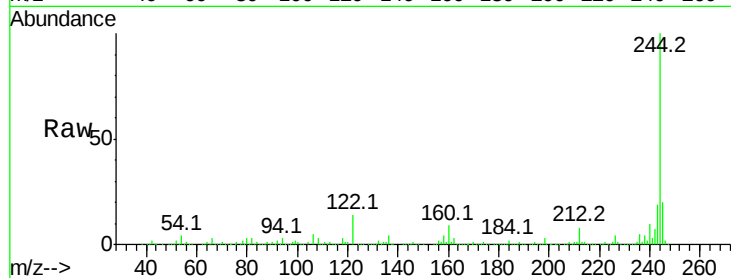
Tot Ion:244 Resp: 1881073

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

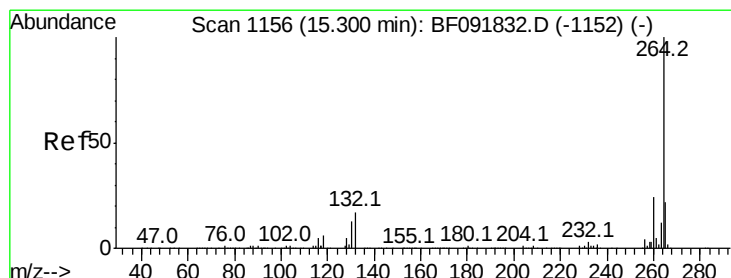
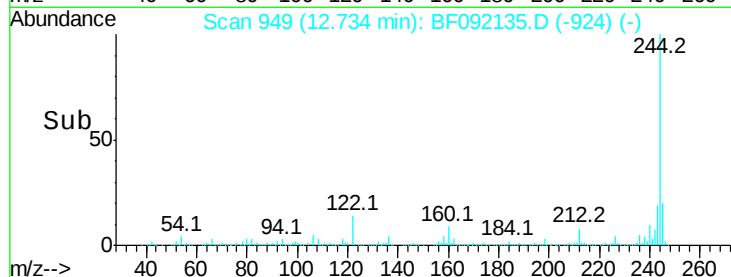
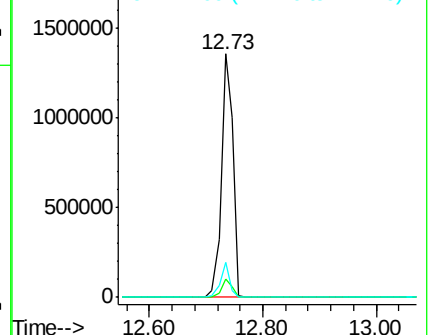
122 14.4 11.4 17.2



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: 15.15 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

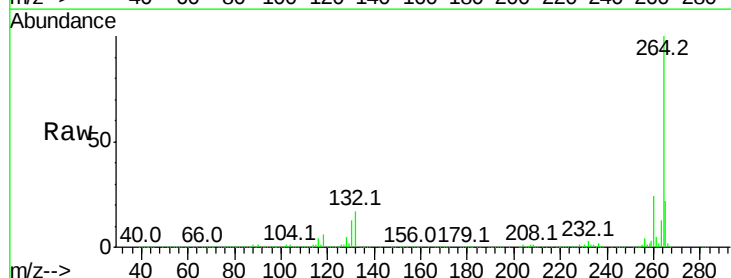
Tgt Ion:264 Resp: 558141

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 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

