

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091674.D
 Acq On : 16 Dec 2016 15:57
 Operator : UM/SJ
 Sample : PB95362BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95362BL

Quant Time: Dec 16 23:06:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	240254	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1042262	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	559433	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	947094	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	864037	20.00	ng	-0.02
86) Perylene-d12	15.32	264	834326	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1723988	120.89	ng	0.00
7) Phenol-d6	6.42	99	2233458	125.63	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1451665	77.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	608349	130.92	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2541804	78.51	ng	-0.01
78) Terphenyl-d14	12.88	244	2580915	67.78	ng	-0.02

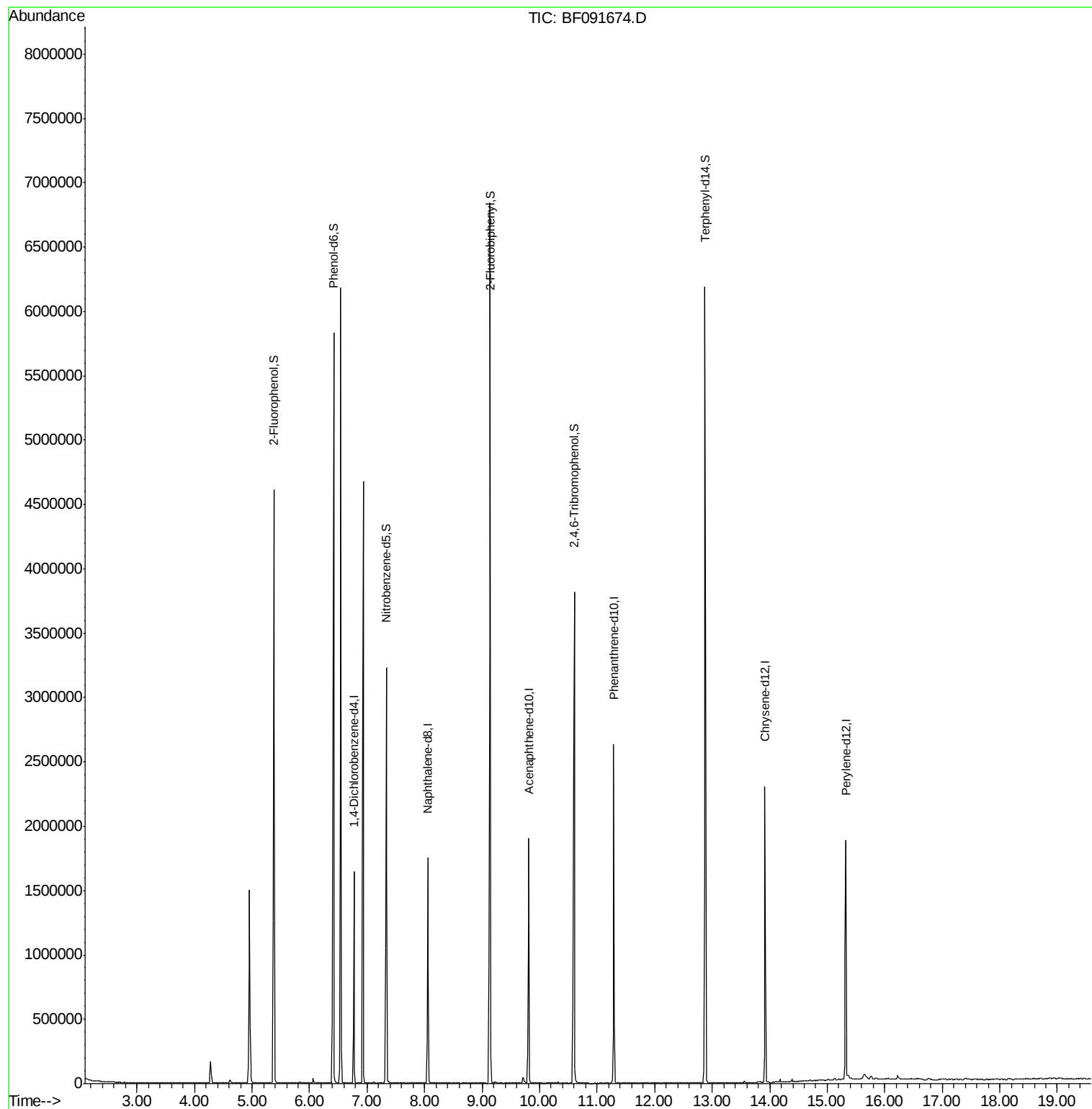
Target Compounds Qvalue

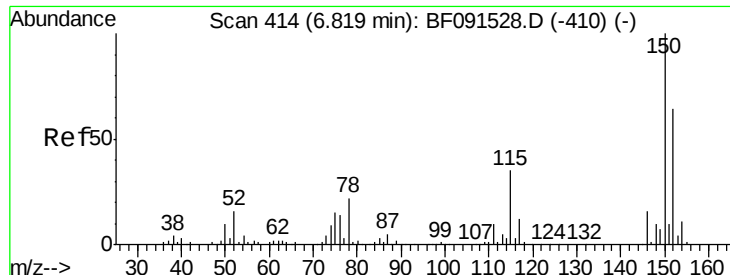
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091674.D

Acq: 16 Dec 2016 15:57

Instrument :

BNA_F

ClientSampleId :

PB95362BL

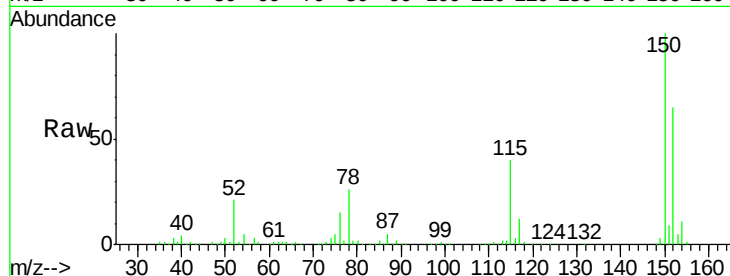
Tot Ion:152 Resp: 240254

Ion Ratio Lower Upper

152 100

150 153.5 122.5 183.7

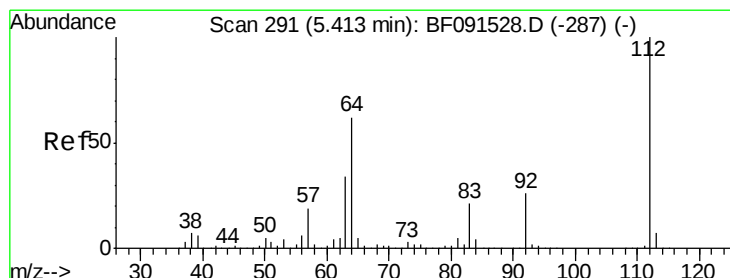
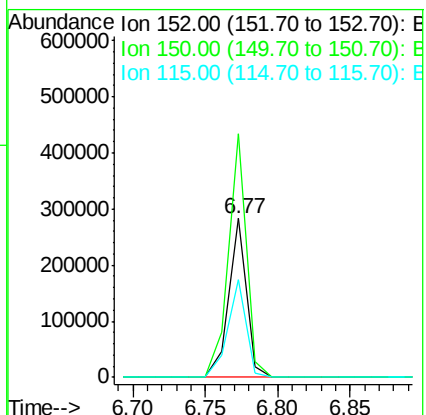
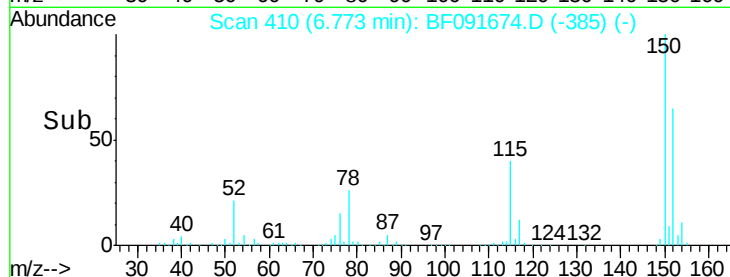
115 62.0 51.8 77.8



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: 120.89 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF091674.D

Acq: 16 Dec 2016 15:57

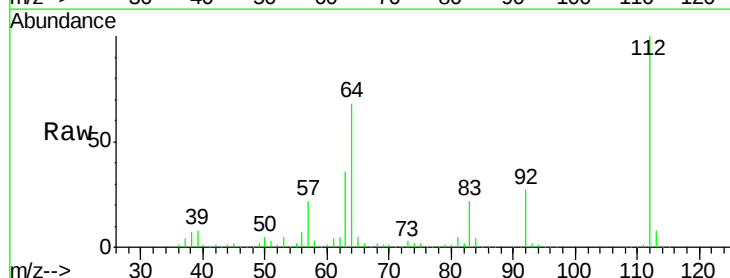
Tgt Ion:112 Resp: 1723988

Ion Ratio Lower Upper

112 100

64 68.3 61.5 92.3

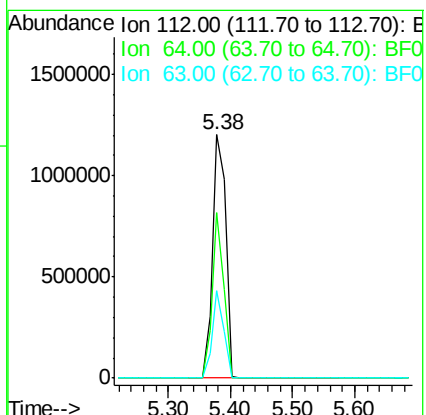
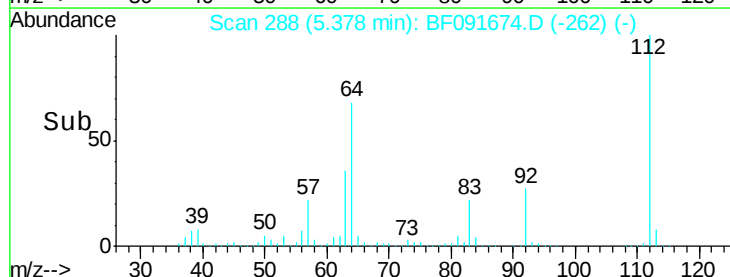
63 35.8 33.3 49.9



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: 125.63 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091674.D

Acq: 16 Dec 2016 15:57

Instrument :

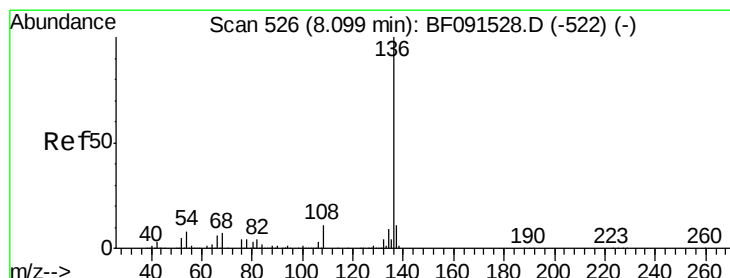
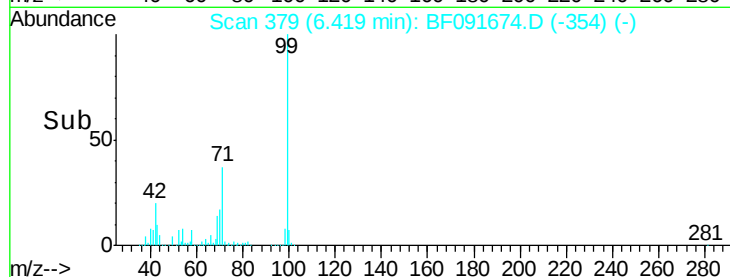
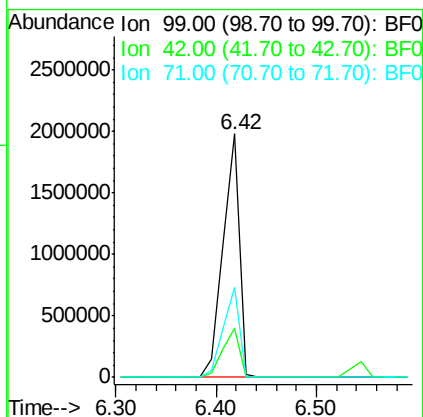
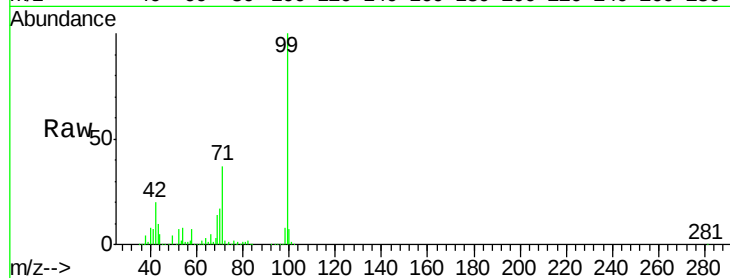
BNA_F

ClientSampled :

PB95362BL

Tot Ion: 99 Resp: 2233458

Ion	Ratio	Lower	Upper
99	100		
42	20.4	20.6	31.0#
71	37.0	29.9	44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

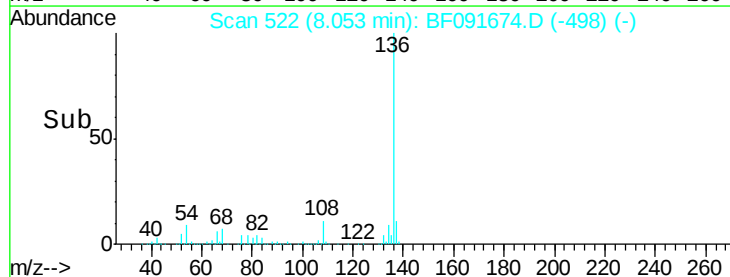
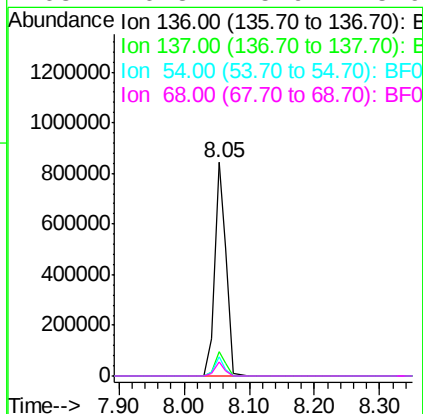
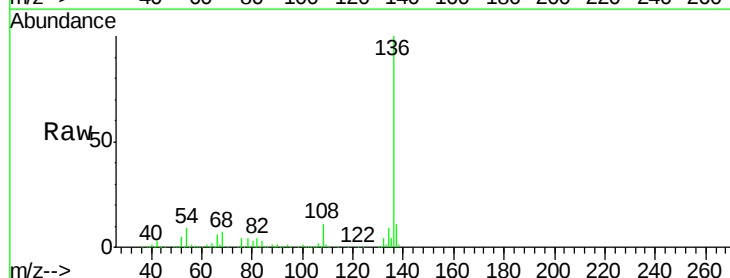
Delta R.T. -0.02 min

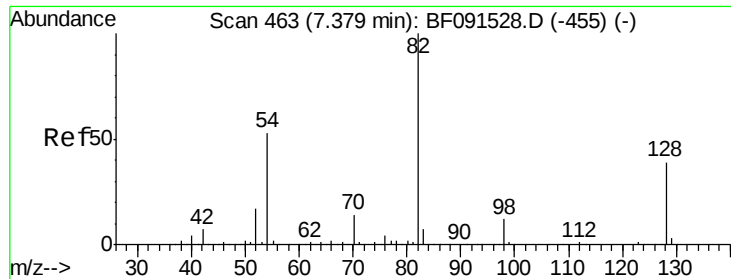
Lab File: BF091674.D

Acq: 16 Dec 2016 15:57

Tgt Ion: 136 Resp: 1042262

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.0	9.1	13.7#
68	6.8	5.9	8.9



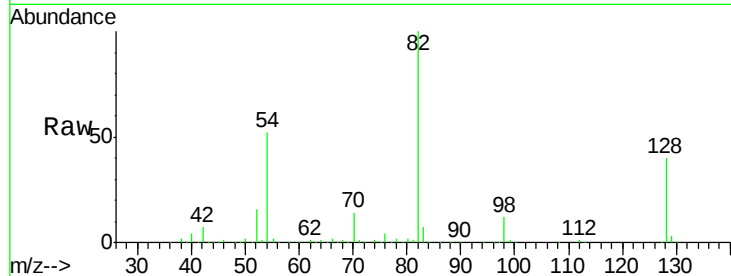


#23
 Nitrobenzene-d5
 Concen: 77.74 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF091674.D
 Acq: 16 Dec 2016 15:57

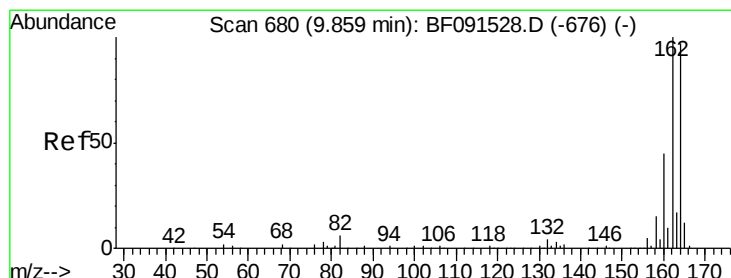
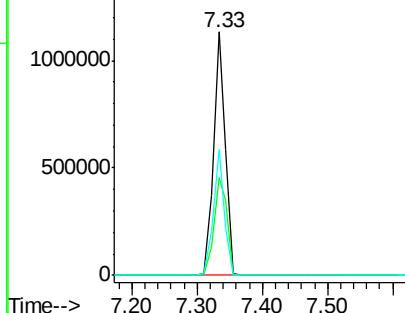
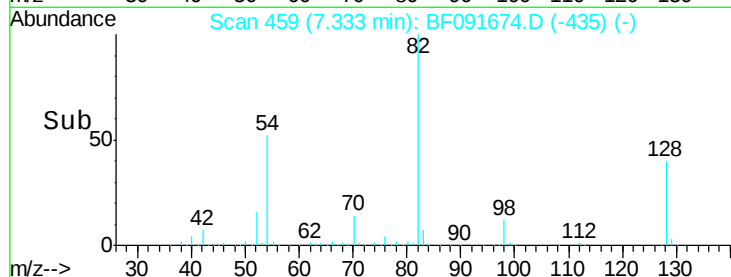
Instrument :
 BNA_F
 ClientSampleID :
 PB95362BL

Tot Ion: 82 Resp: 1451665

Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.8	47.6
54	52.0	49.1	73.7



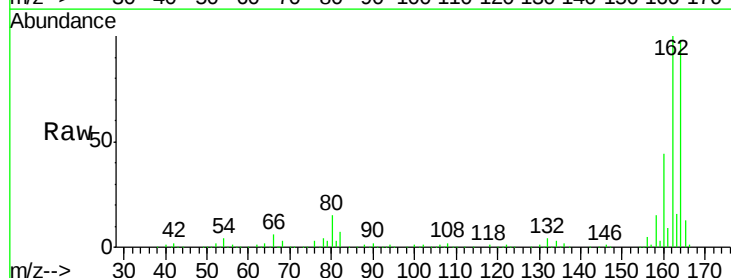
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



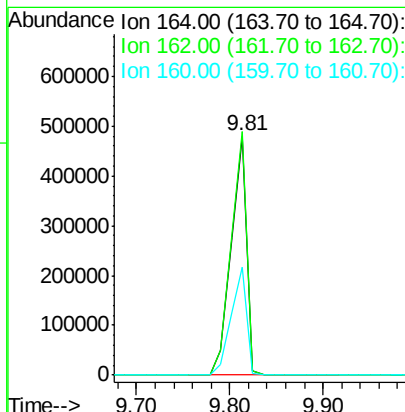
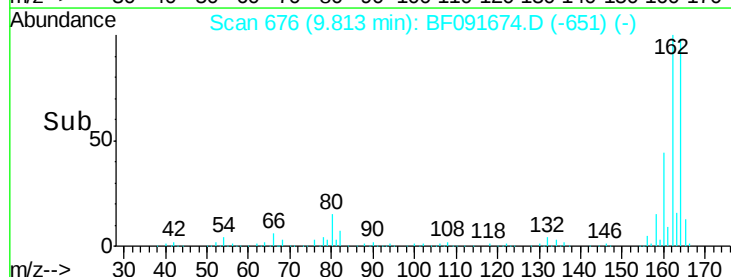
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF091674.D
 Acq: 16 Dec 2016 15:57

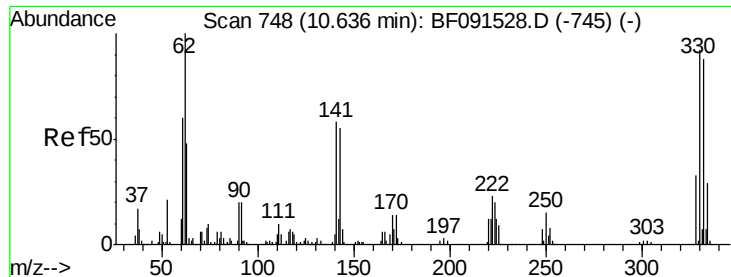
Tgt Ion: 164 Resp: 559433

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	45.2	36.7	55.1



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

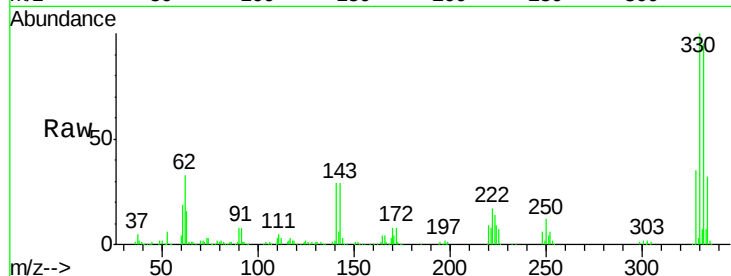




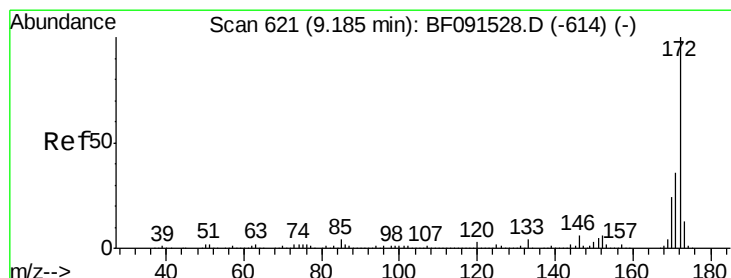
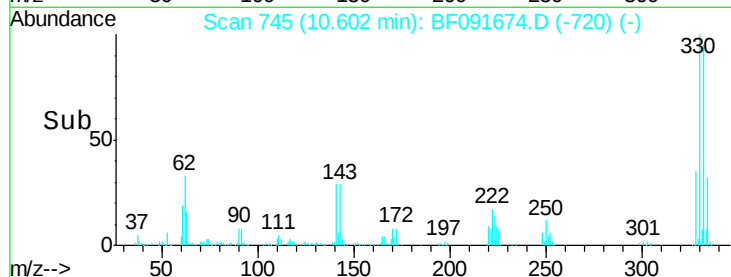
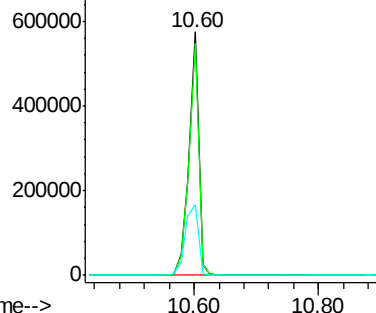
#41
 2,4,6-Tribromophenol
 Concen: 130.92 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091674.D
 Acq: 16 Dec 2016 15:57

Instrument :
 BNA_F
 ClientSampleId :
 PB95362BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	39.0	33.6	50.4

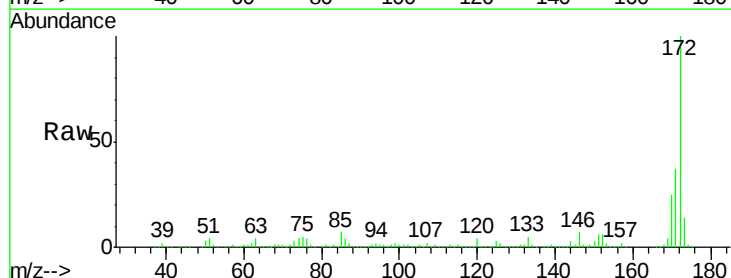


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

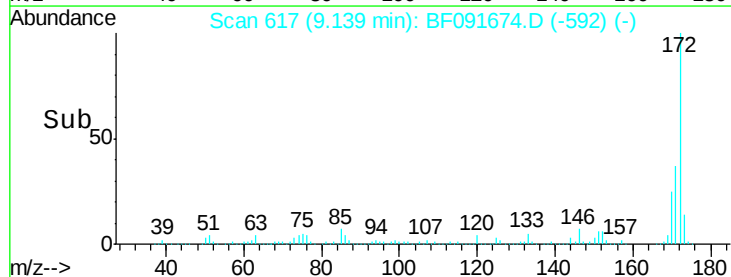
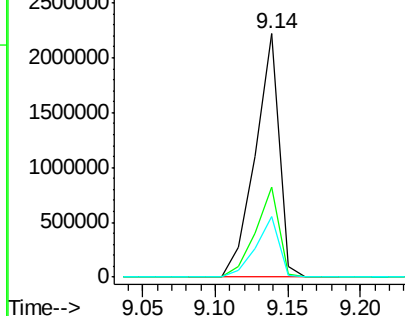


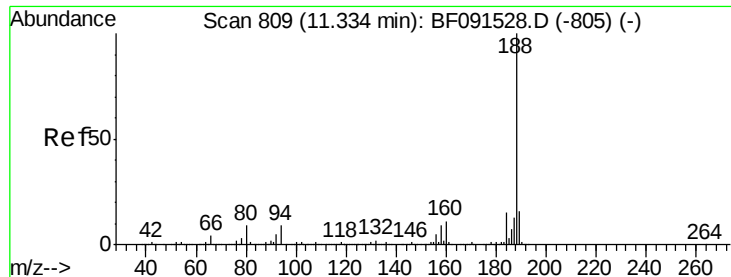
#44
 2-Fluorobiphenyl
 Concen: 78.51 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091674.D
 Acq: 16 Dec 2016 15:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.0	19.7	29.5



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

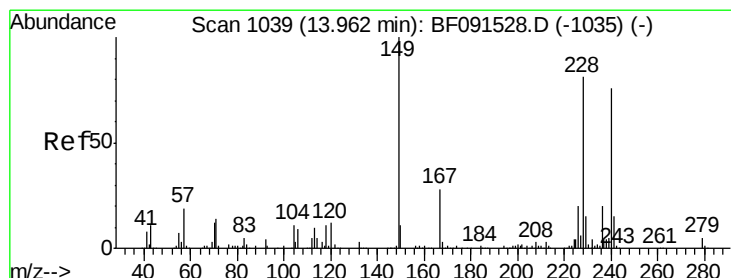
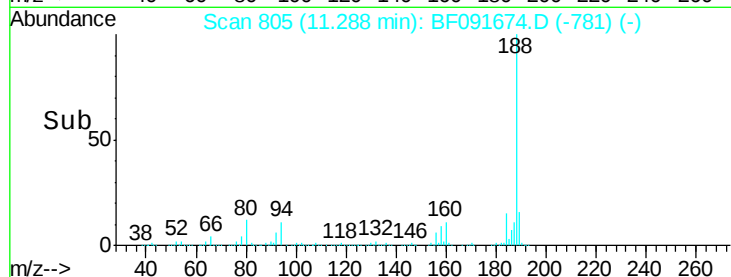
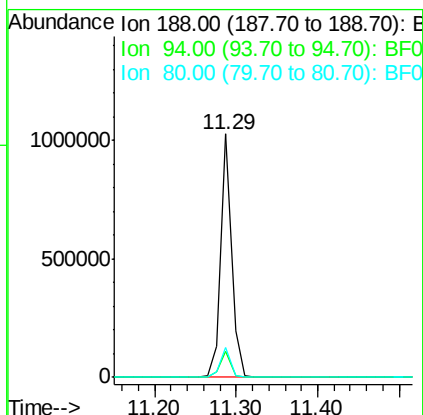
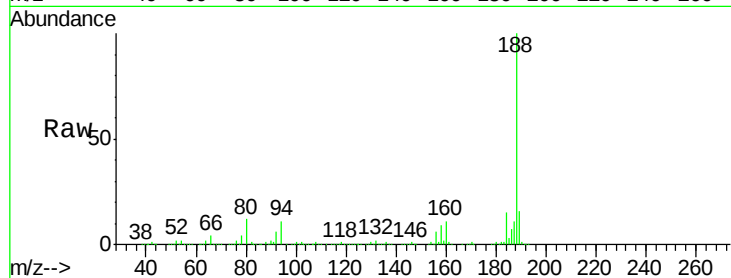




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF091674.D
Acq: 16 Dec 2016 15:57

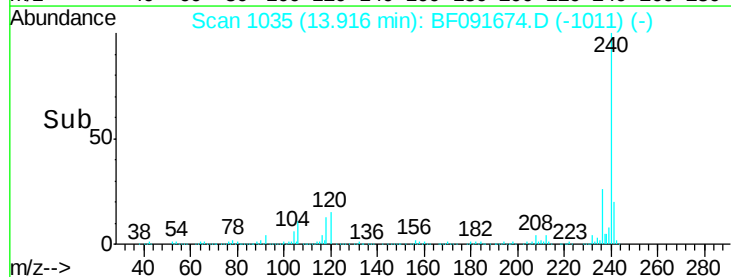
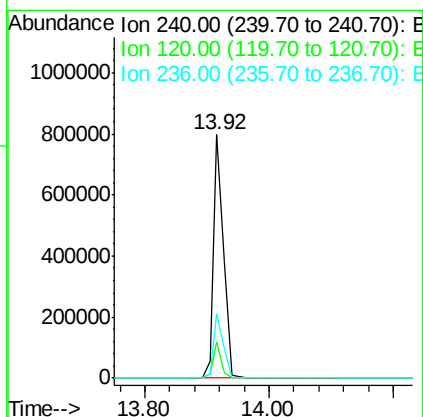
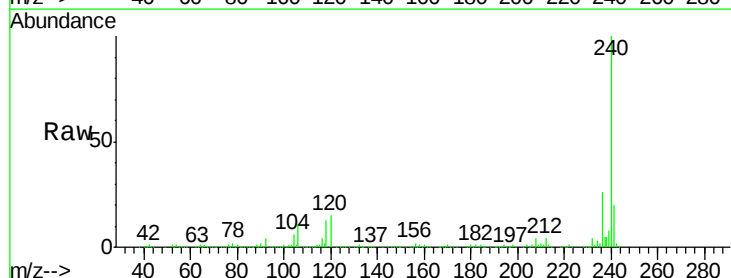
Instrument :
BNA_F
ClientSampled :
PB95362BL

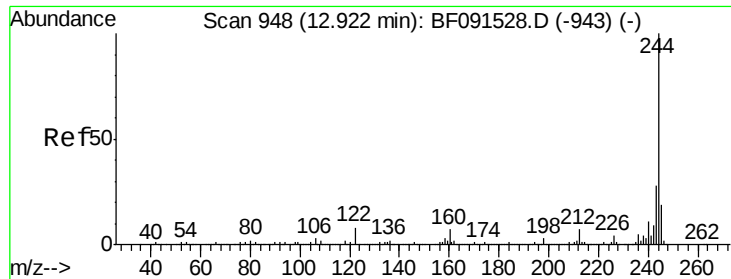
Tot Ion:188 Resp: 947094
Ion Ratio Lower Upper
188 100
94 10.9 9.2 13.8
80 12.1 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF091674.D
Acq: 16 Dec 2016 15:57

Tgt Ion:240 Resp: 864037
Ion Ratio Lower Upper
240 100
120 15.1 12.1 18.1
236 26.3 21.0 31.6





#78

Terphenyl-d14

Concen: 67.78 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091674.D

Acq: 16 Dec 2016 15:57

Instrument :

BNA_F

ClientSampleId :

PB95362BL

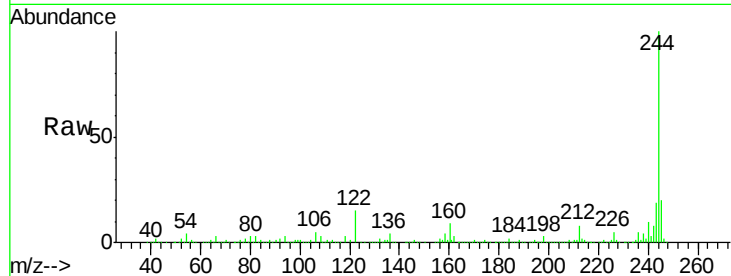
Tot Ion:244 Resp: 2580915

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

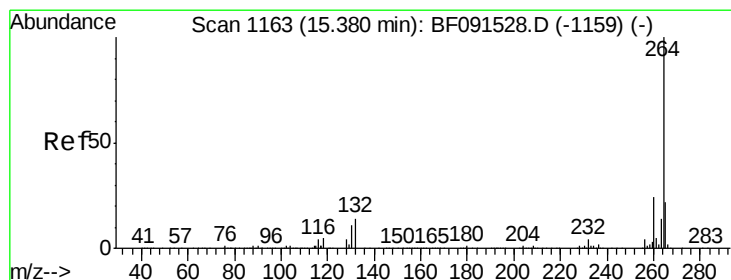
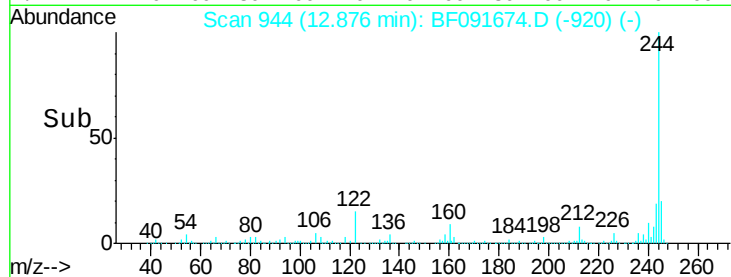
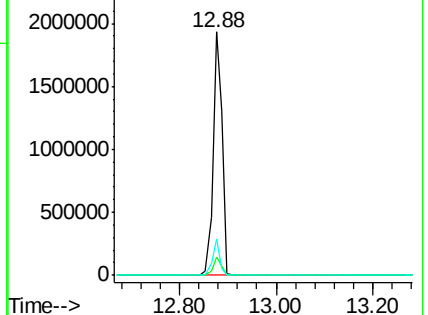
122 14.8 9.5 14.3#



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: 15.32 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF091674.D

Acq: 16 Dec 2016 15:57

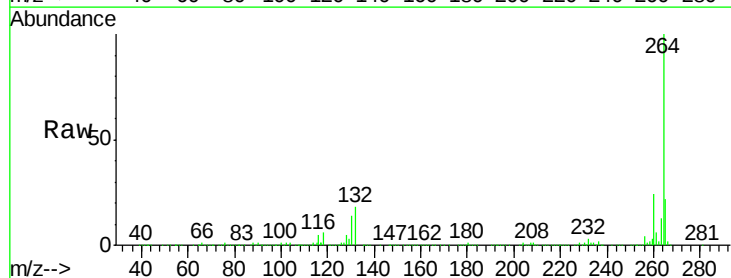
Tgt Ion:264 Resp: 834326

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.8 17.0 25.6



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

