

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092017.D
 Acq On : 29 Dec 2016 11:33
 Operator : UM/SJ
 Sample : PB95654BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BL

Quant Time: Dec 29 12:39:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	184358	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	718107	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	474150	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	843908	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	690877	20.00	ng	-0.03
86) Perylene-d12	15.22	264	650742	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1308047	118.47	ng	-0.01
7) Phenol-d6	6.36	99	1627759	120.75	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1101148	85.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	479155	122.11	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1710616	71.94	ng	-0.02
78) Terphenyl-d14	12.80	244	2072387	72.75	ng	-0.02

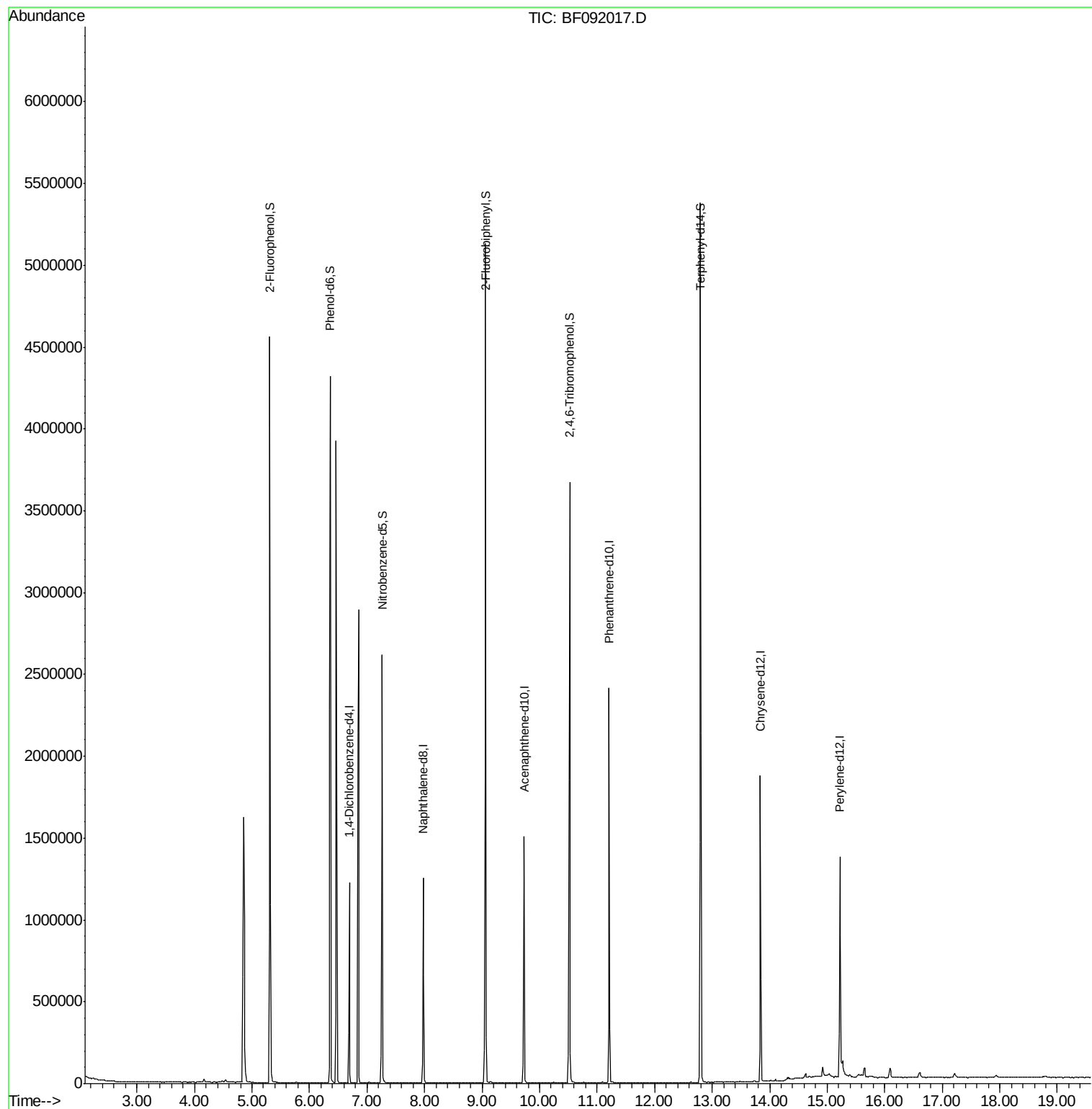
Target Compounds Qvalue

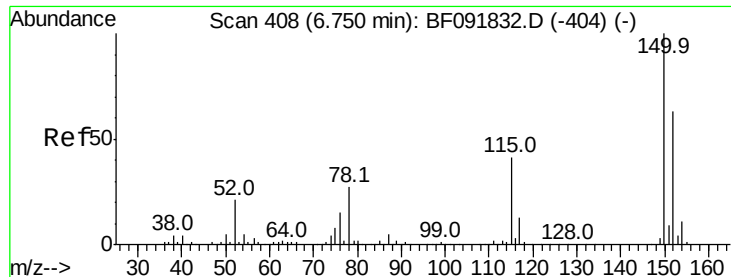
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092017.D

Acq: 29 Dec 2016 11:33

Instrument :

BNA_F

ClientSampleId :

PB95654BL

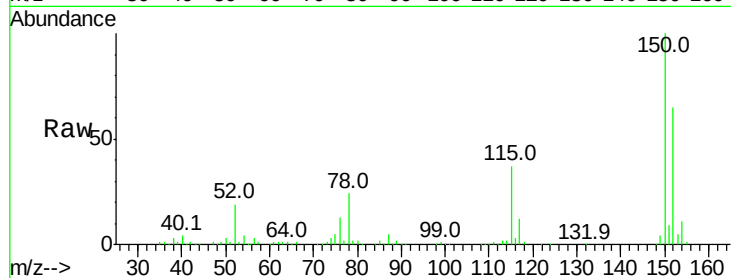
Tot Ion:152 Resp: 184358

Ion Ratio Lower Upper

152 100

150 153.7 124.9 187.3

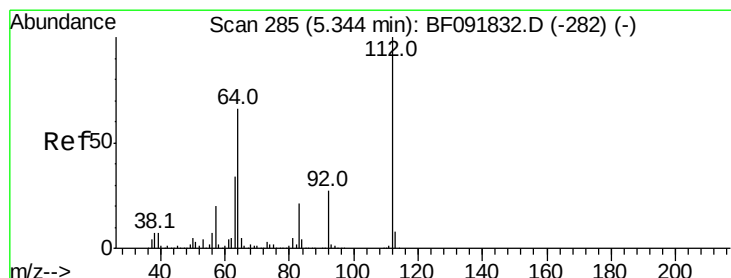
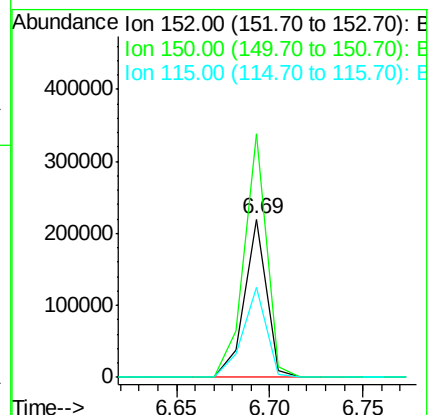
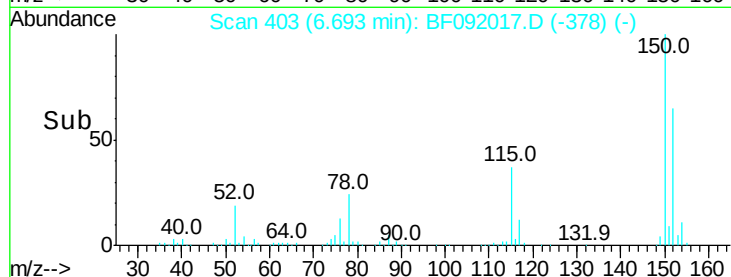
115 57.0 46.0 69.0



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: 118.47 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF092017.D

Acq: 29 Dec 2016 11:33

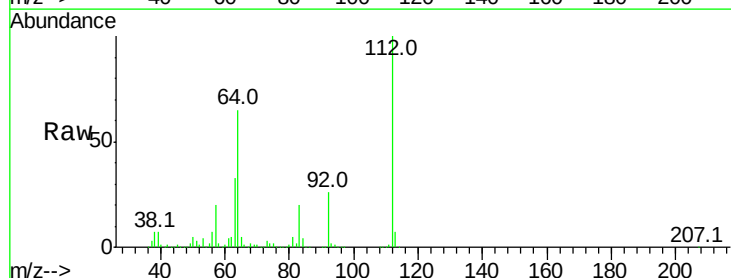
Tgt Ion:112 Resp: 1308047

Ion Ratio Lower Upper

112 100

64 65.4 46.1 69.1

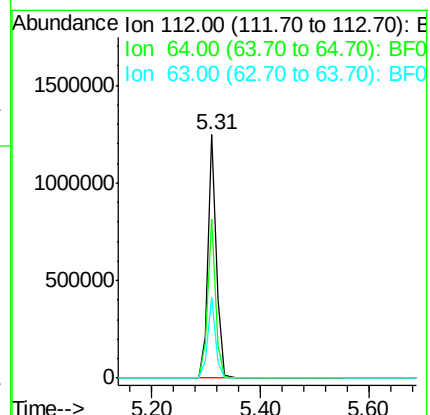
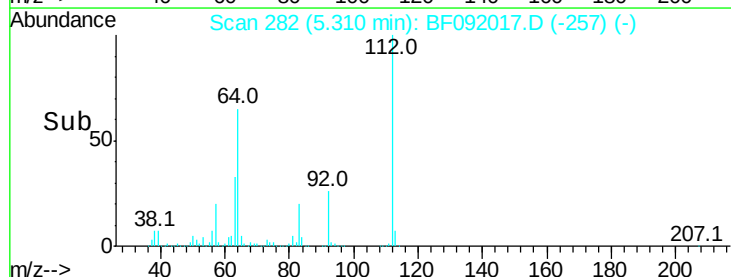
63 33.3 23.8 35.6

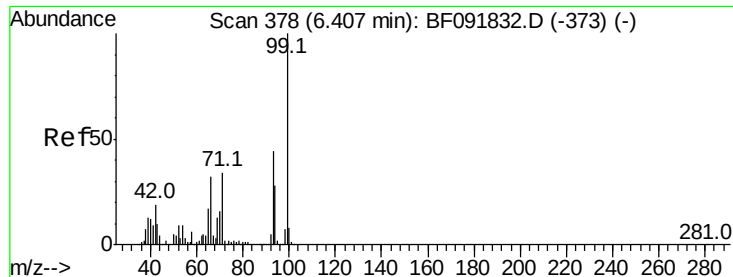


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.75 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF092017.D

Acq: 29 Dec 2016 11:33

Instrument :

BNA_F

ClientSampleId :

PB95654BL

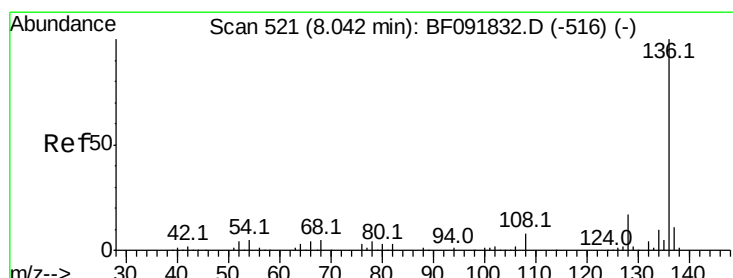
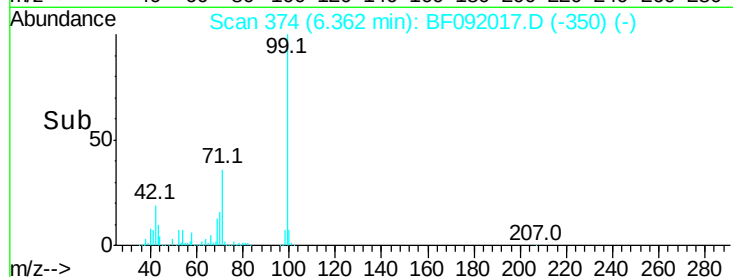
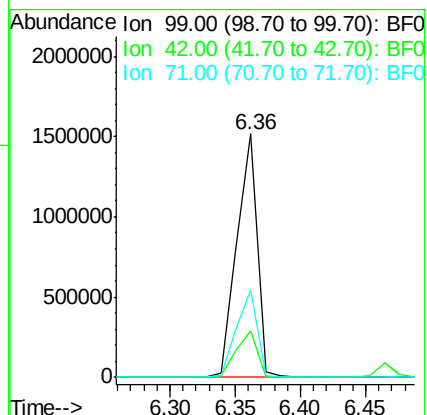
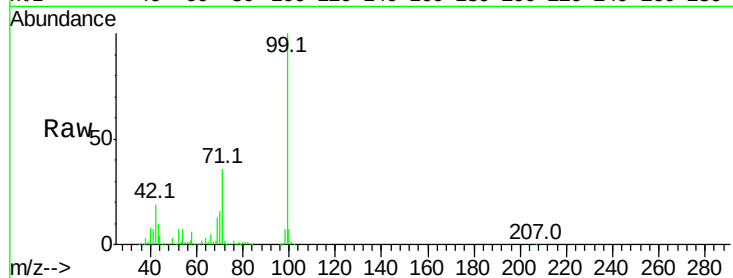
Tot Ion: 99 Resp: 1627759

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

71 35.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF092017.D

Acq: 29 Dec 2016 11:33

Tgt Ion: 136 Resp: 718107

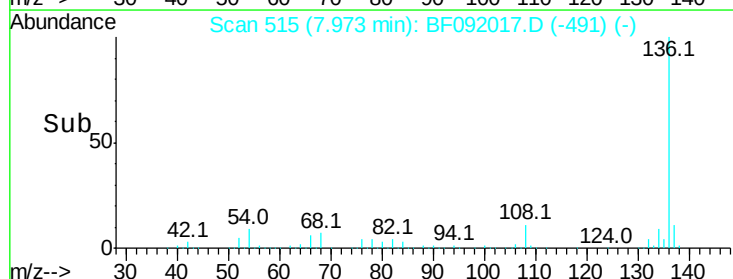
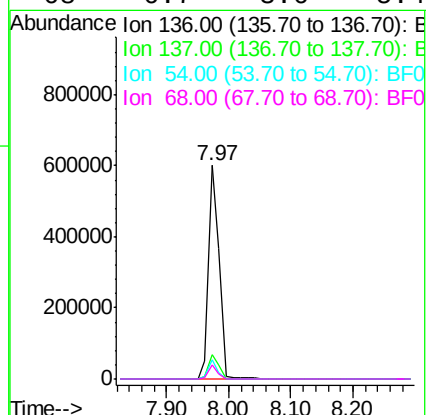
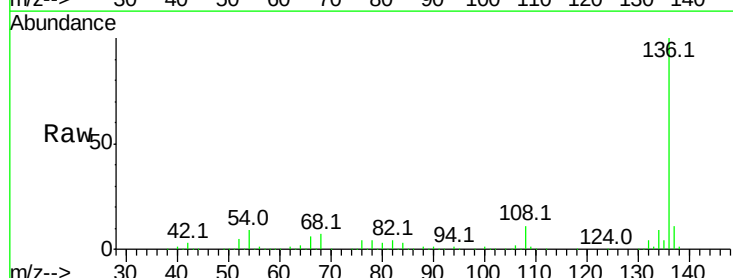
Ion Ratio Lower Upper

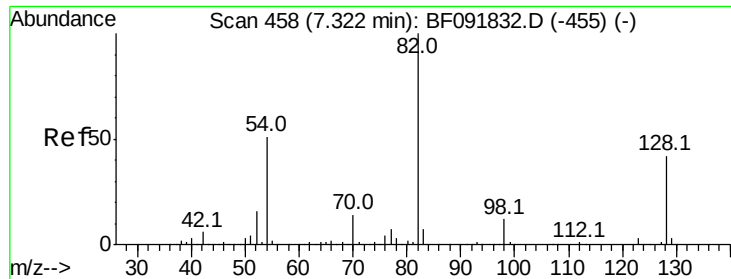
136 100

137 11.1 8.4 12.6

54 9.2 4.5 6.7#

68 6.7 3.6 5.4#



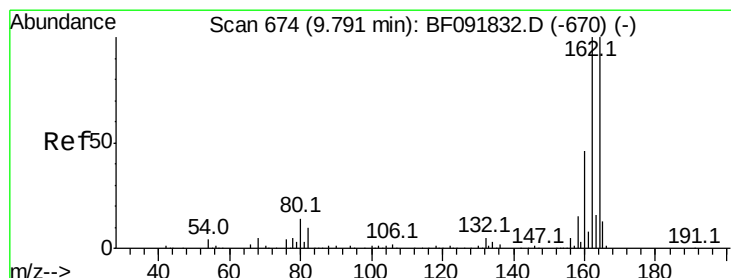
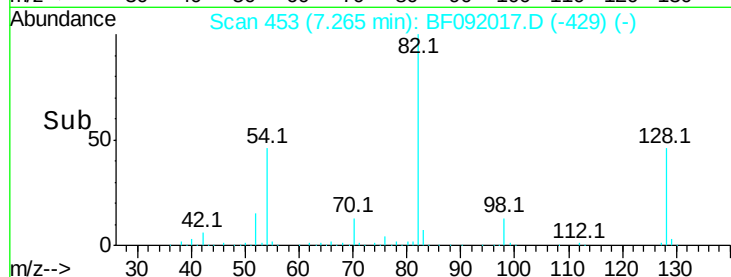
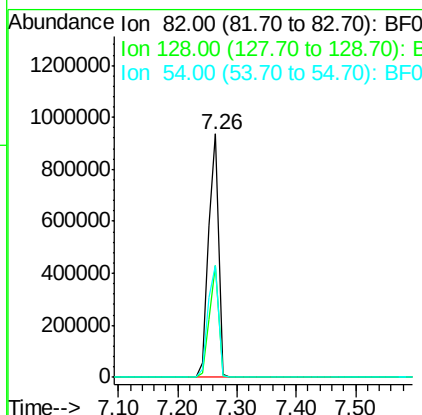
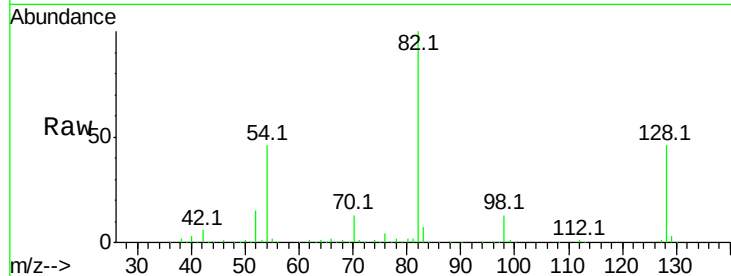


#23
 Nitrobenzene-d5
 Concen: 85.27 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF092017.D
 Acq: 29 Dec 2016 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BL

Tot Ion: 82 Resp: 1101148

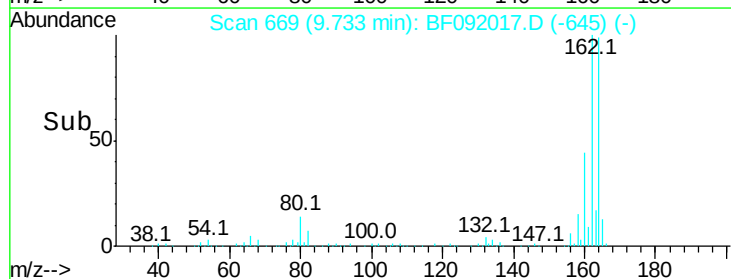
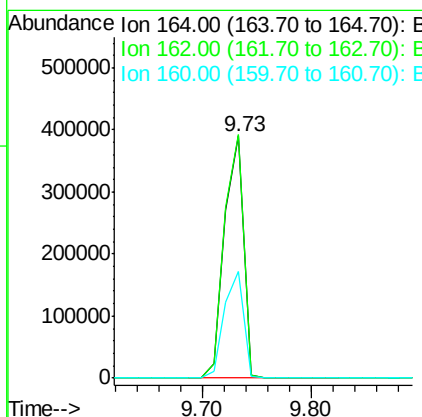
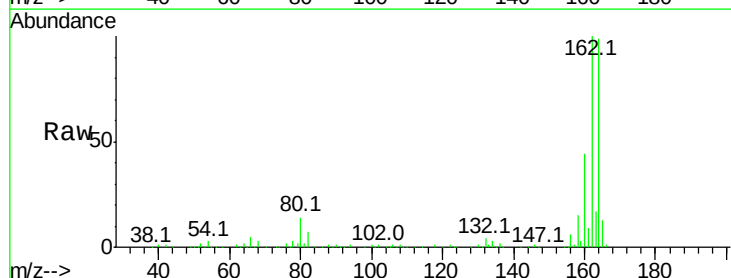
Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	52.0
54	46.1	39.5	59.3

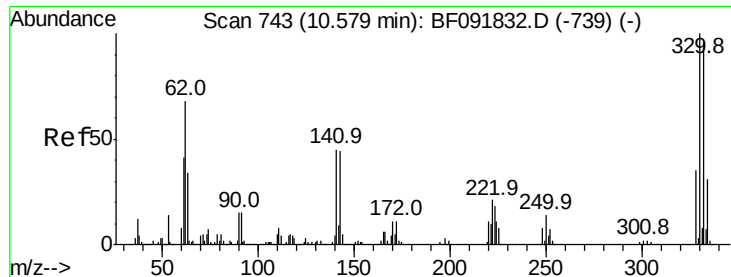


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF092017.D
 Acq: 29 Dec 2016 11:33

Tgt Ion:164 Resp: 474150

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.2	120.2
160	44.2	36.9	55.3

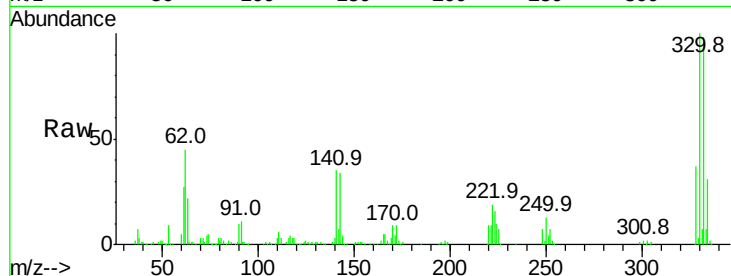




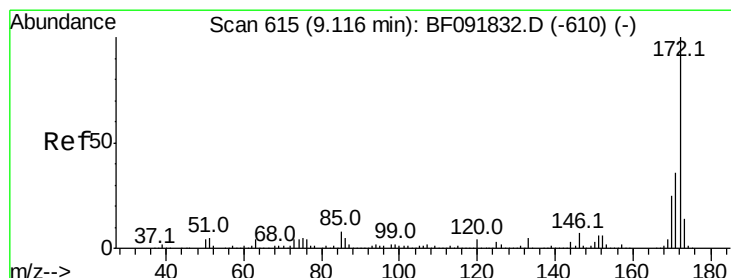
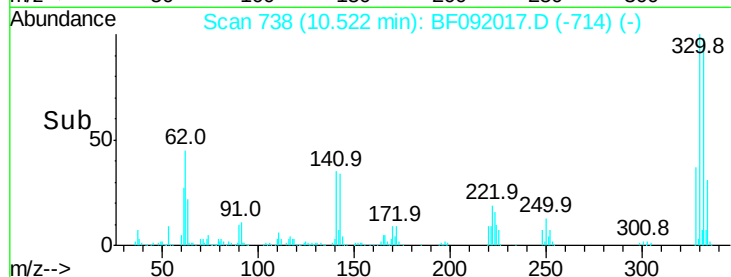
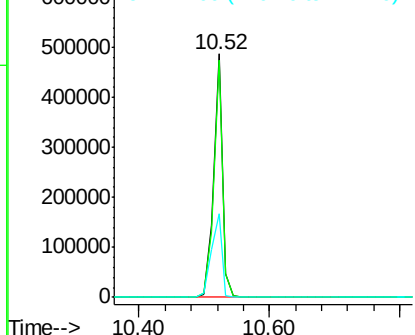
#41
 2,4,6-Tribromophenol
 Concen: 122.11 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092017.D
 Acq: 29 Dec 2016 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB95654BL

Tot Ion:330 Resp: 479155
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 39.9 34.1 51.1

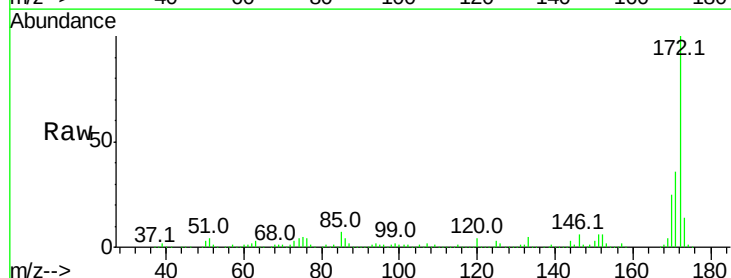


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

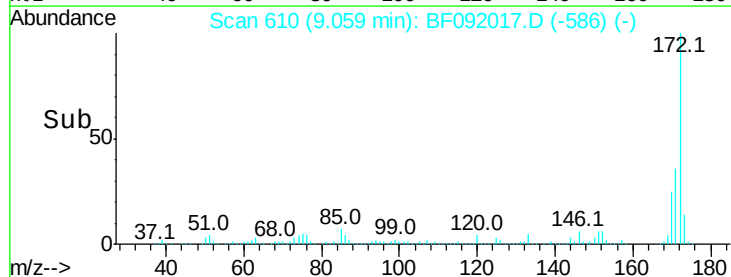
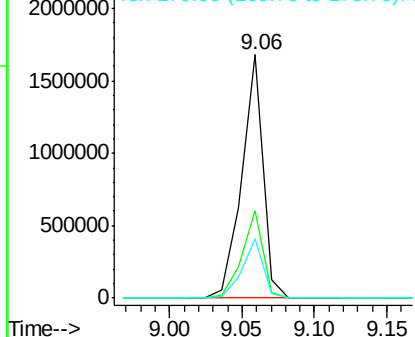


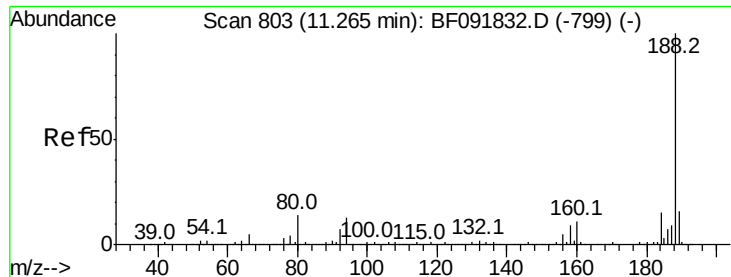
#44
 2-Fluorobiphenyl
 Concen: 71.94 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092017.D
 Acq: 29 Dec 2016 11:33

Tgt Ion:172 Resp: 1710616
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.6 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

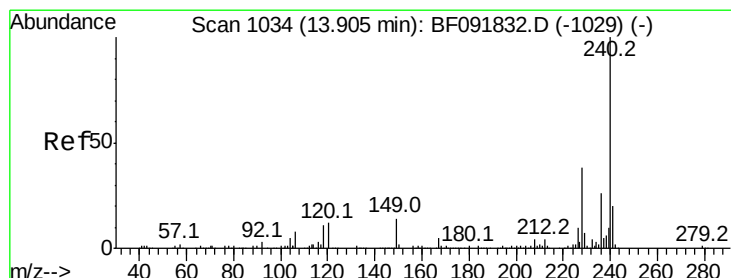
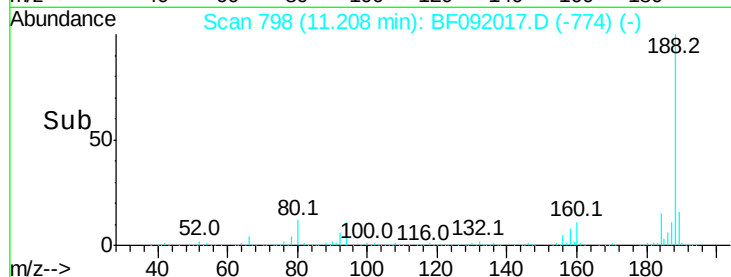
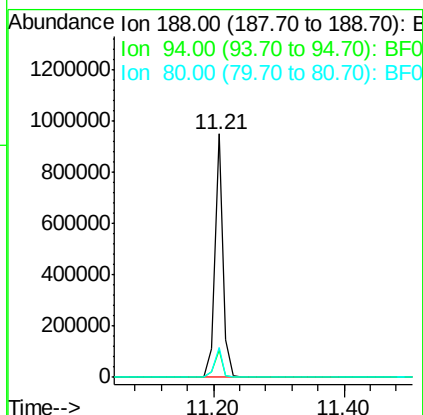
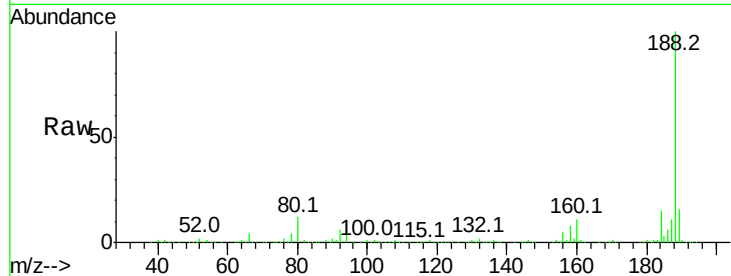




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092017.D
Acq: 29 Dec 2016 11:33

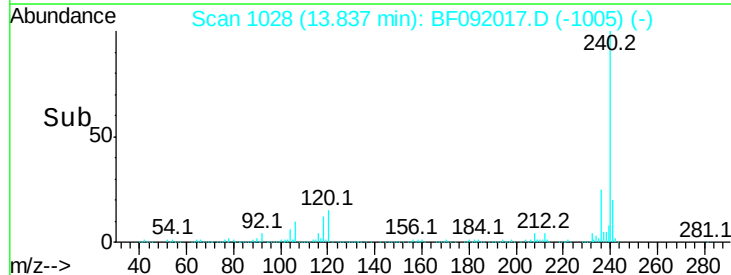
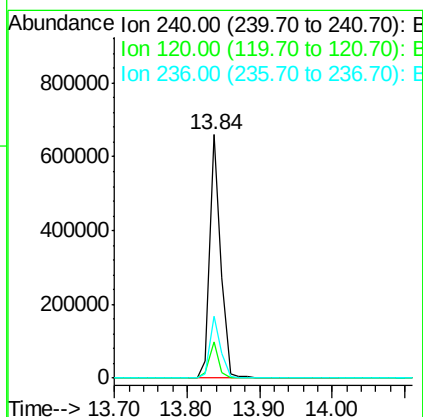
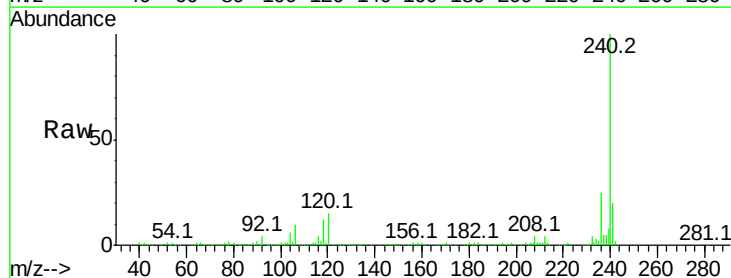
Instrument :
BNA_F
ClientSampleId :
PB95654BL

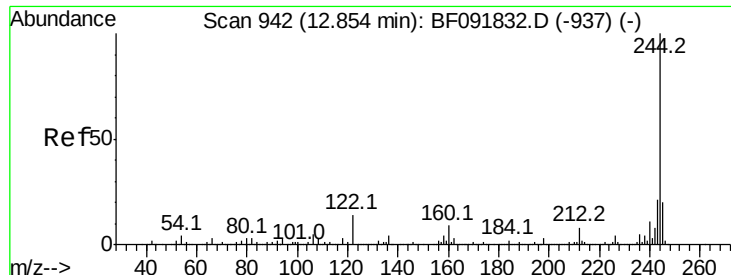
Tot Ion:188 Resp: 843908
Ion Ratio Lower Upper
188 100
94 11.1 10.0 15.0
80 12.3 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF092017.D
Acq: 29 Dec 2016 11:33

Tgt Ion:240 Resp: 690877
Ion Ratio Lower Upper
240 100
120 14.7 12.9 19.3
236 25.4 20.9 31.3



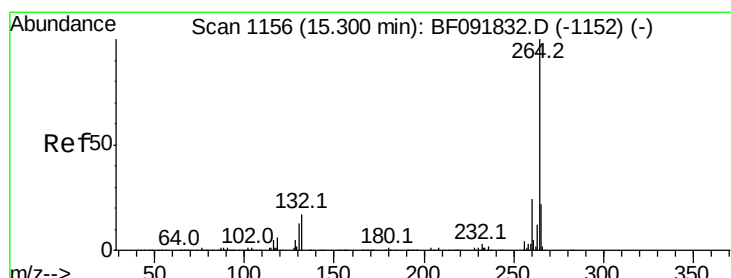
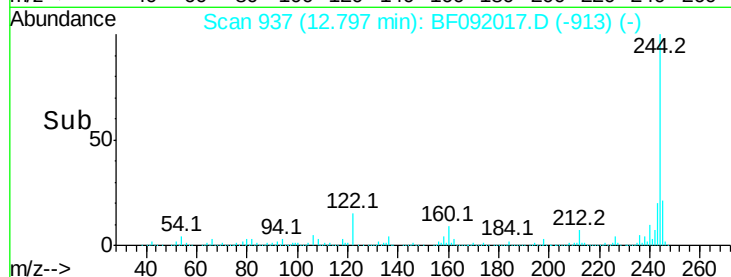
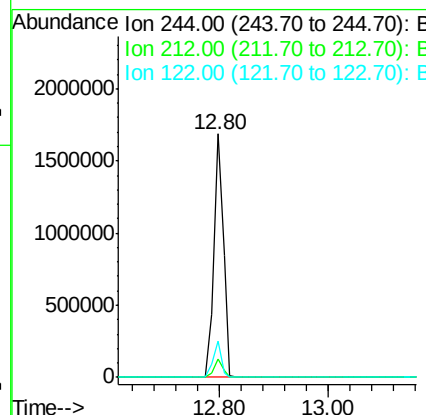
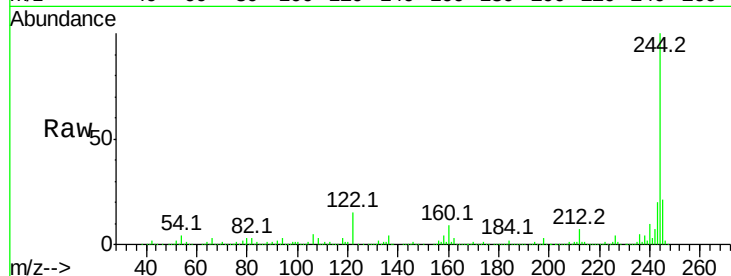


#78
 Terphenyl-d14
 Concen: 72.75 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF092017.D
 Acq: 29 Dec 2016 11:33

Instrument :
 BNA_F
 ClientSampleID :
 PB95654BL

Tot Ion:244 Resp: 2072387

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	15.0	11.4	17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF092017.D
 Acq: 29 Dec 2016 11:33

Tgt Ion:264 Resp: 650742

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.4	26.0

