

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093056.D
 Acq On : 21 Feb 2017 5:50
 Operator : SJ/MA
 Sample : PB97045BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BL

Quant Time: Feb 21 06:40:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	157955	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	625553	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	281089	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	498604	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	342294	20.00	ng	-0.01
86) Perylene-d12	15.44	264	300334	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	872988	94.82	ng	0.00
7) Phenol-d6	6.49	99	1102624	93.08	ng	0.00
23) Nitrobenzene-d5	7.41	82	868197	77.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	199369	98.07	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1660446	107.02	ng	0.00
78) Terphenyl-d14	12.96	244	1135909	77.97	ng	-0.01

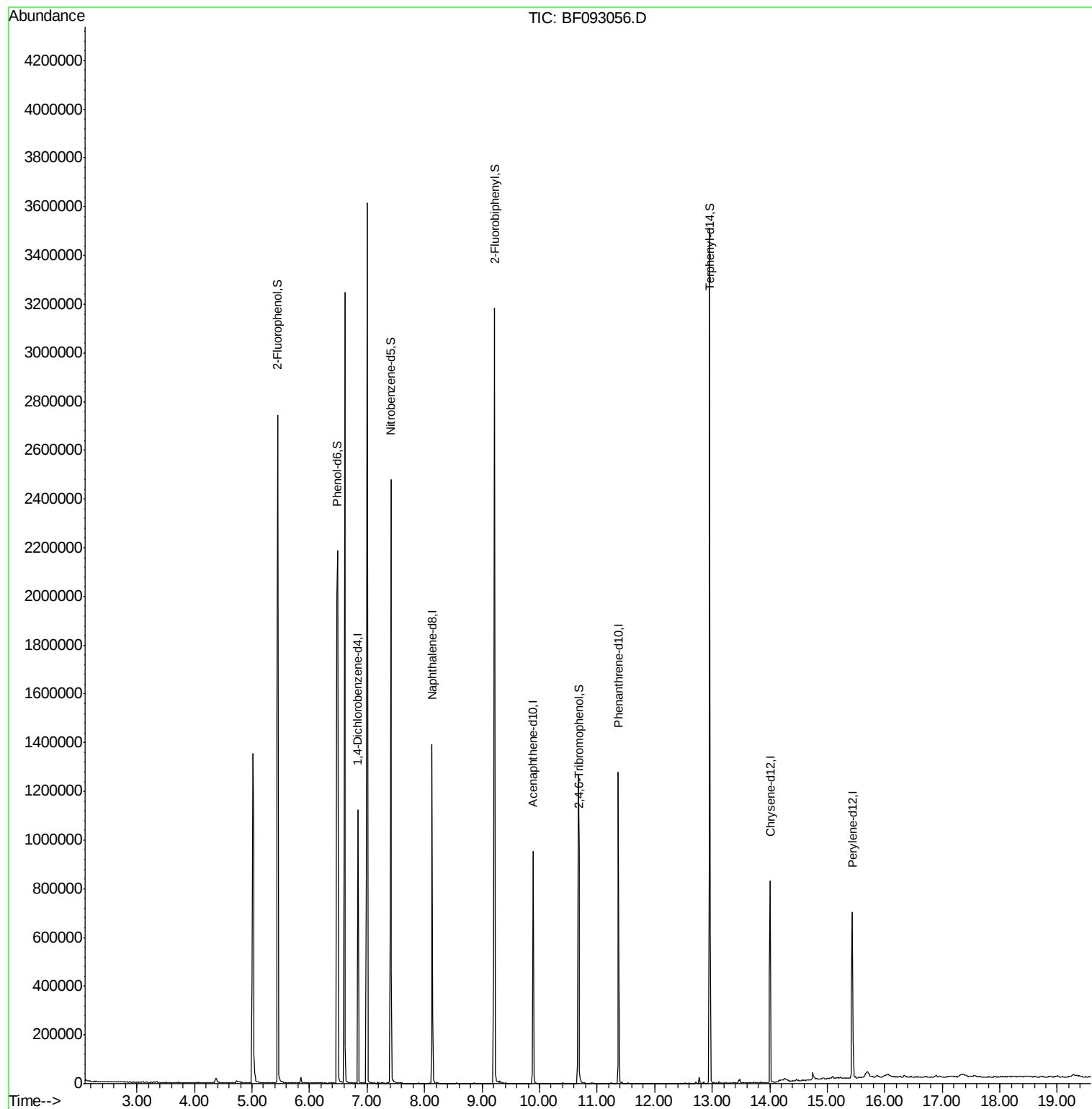
Target Compounds Qvalue

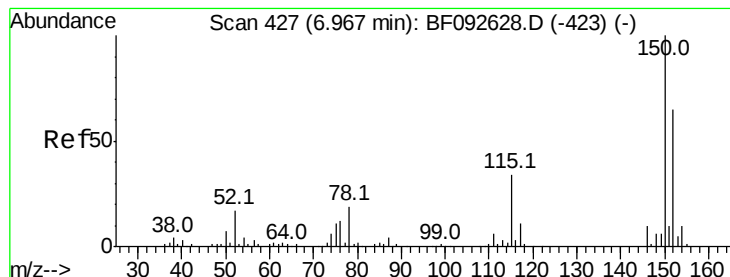
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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Instrument :

BNA_F

ClientSampleId :

PB97045BL

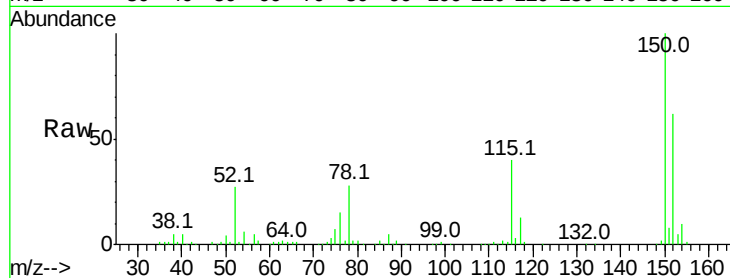
Tot Ion:152 Resp: 157955

Ion Ratio Lower Upper

152 100

150 160.0 124.9 187.3

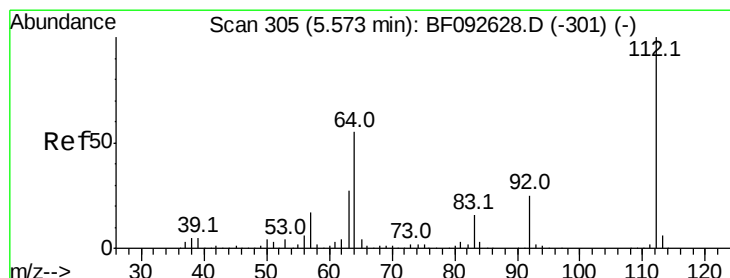
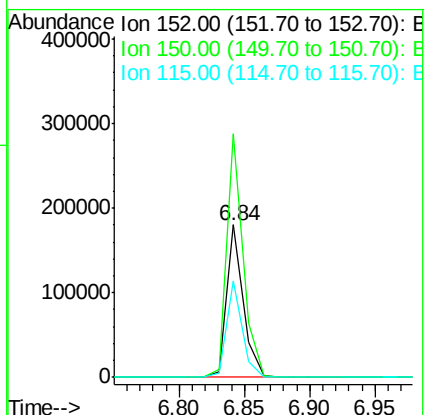
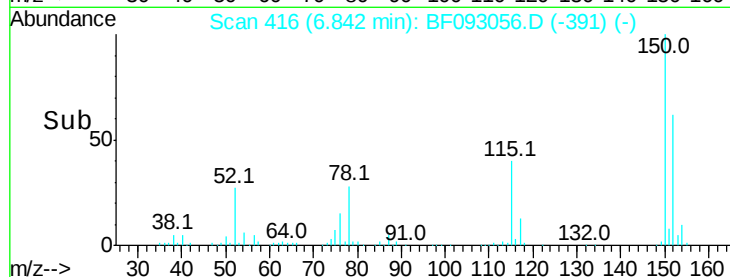
115 63.7 46.0 69.0



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: 94.82 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093056.D

Acq: 21 Feb 2017 5:50

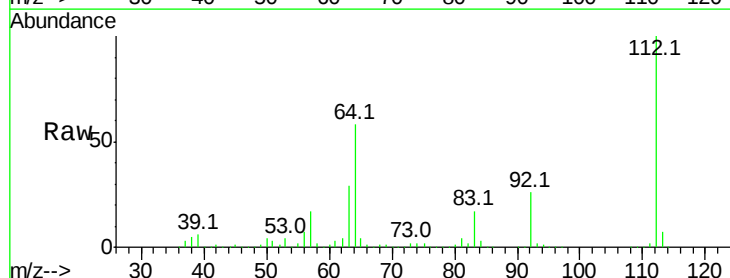
Tgt Ion:112 Resp: 872988

Ion Ratio Lower Upper

112 100

64 57.9 46.1 69.1

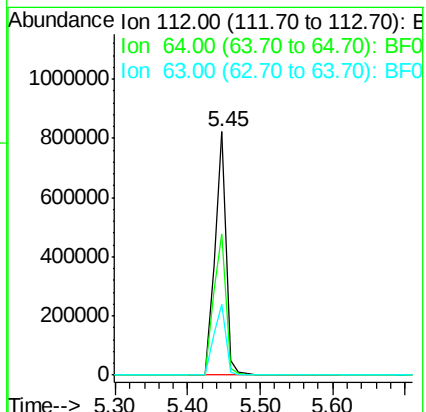
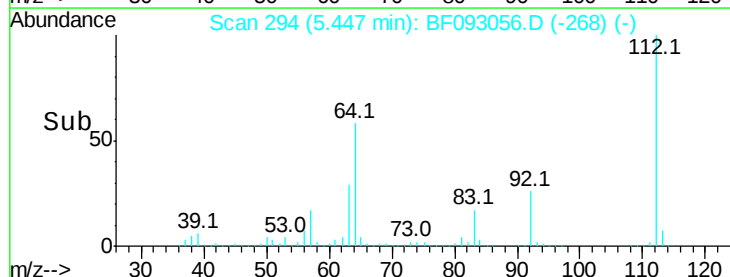
63 29.2 23.8 35.6

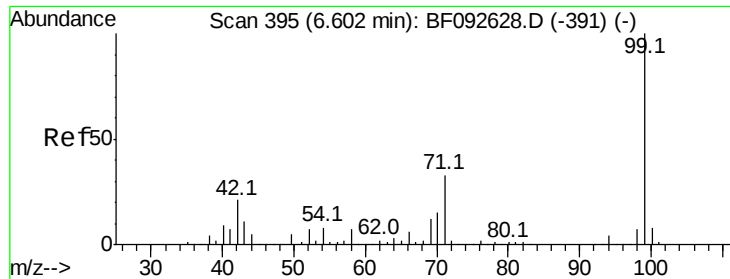


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.08 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093056.D

Acq: 21 Feb 2017 5:50

Instrument :

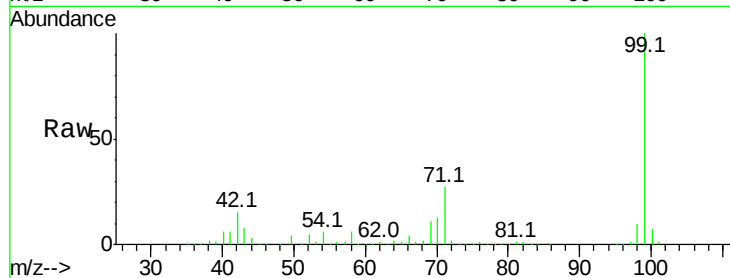
BNA_F

ClientSampleId :

PB97045BL

Tot Ion: 99 Resp: 1102624

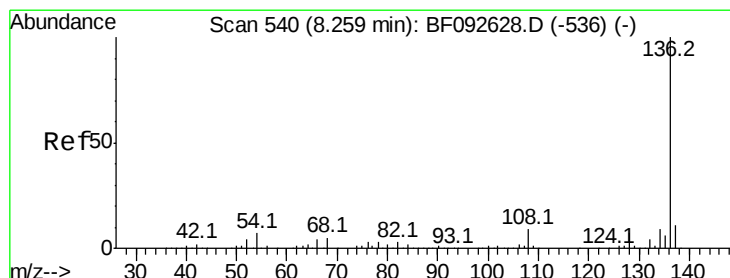
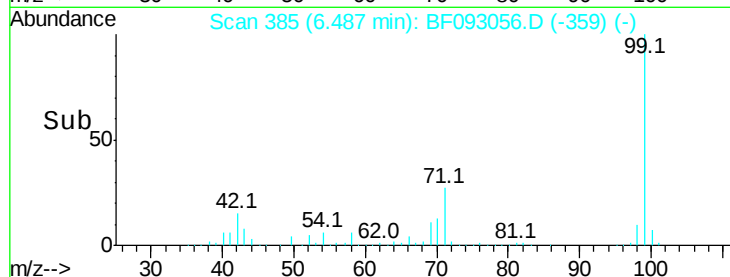
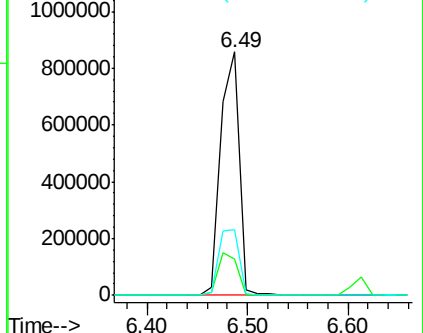
Ion	Ratio	Lower	Upper
99	100		
42	14.9	15.6	23.4#
71	27.1	27.5	41.3#



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: 8.13 min Scan# 529

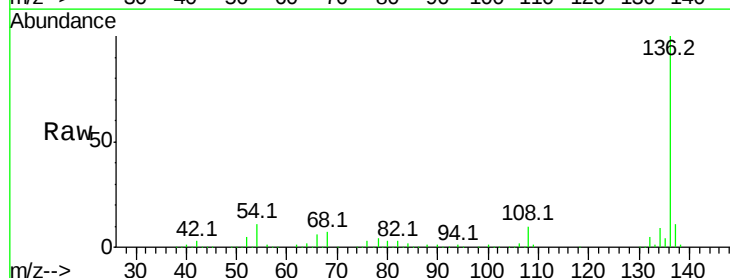
Delta R.T. -0.01 min

Lab File: BF093056.D

Acq: 21 Feb 2017 5:50

Tgt Ion: 136 Resp: 625553

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	10.7	4.5	6.7#
68	7.3	3.6	5.4#

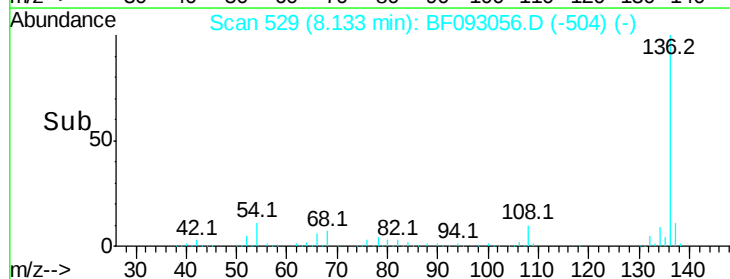
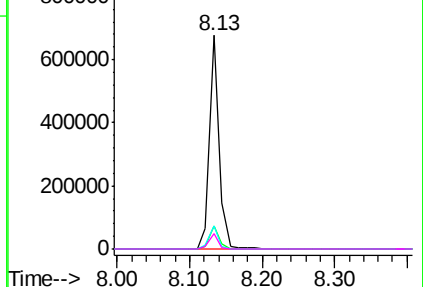


Abundance Ion 136.00 (135.70 to 136.70): E

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

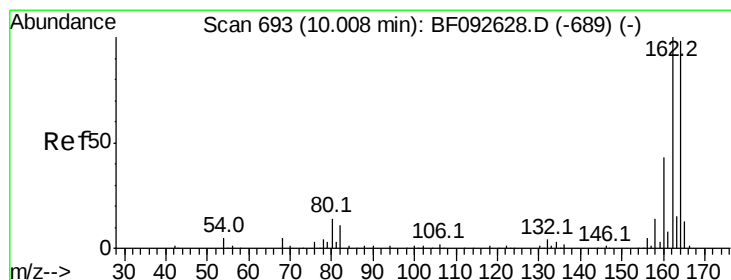
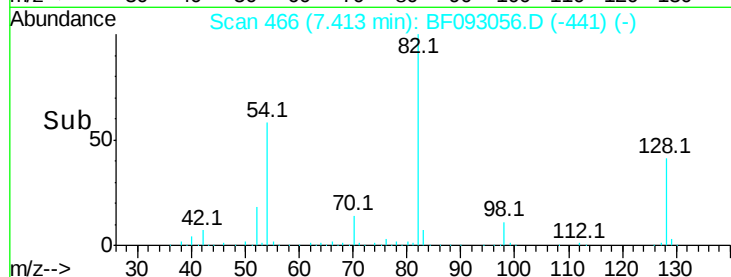
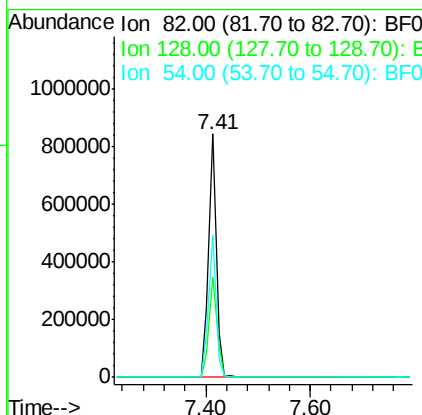
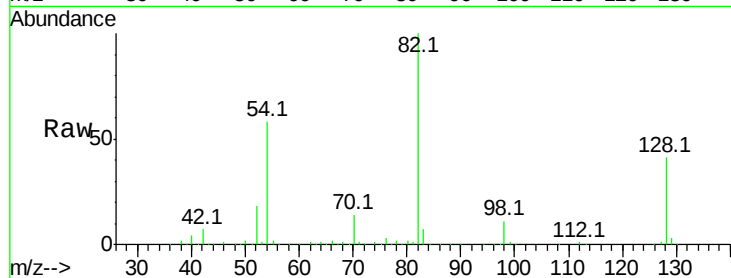




#23
 Nitrobenzene-d5
 Concen: 77.29 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093056.D
 Acq: 21 Feb 2017 5:50

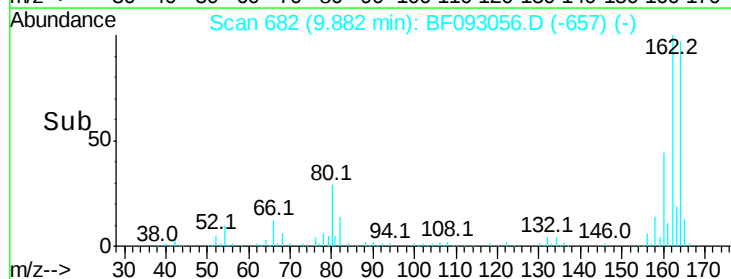
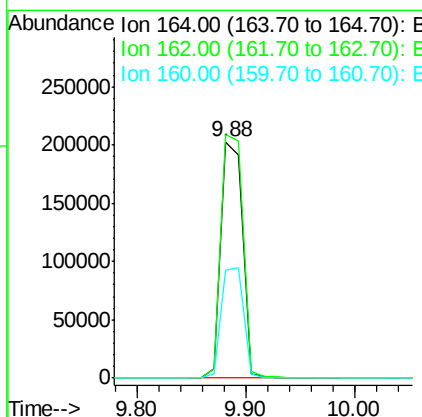
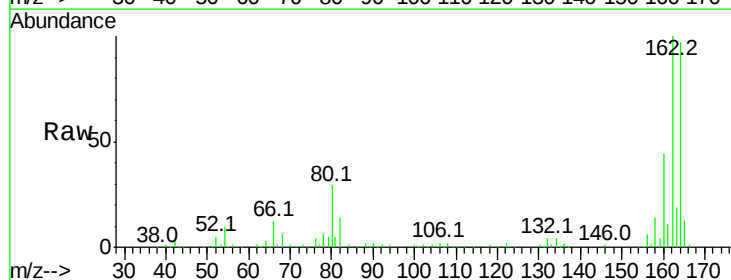
Instrument :
 BNA_F
 ClientSampleId :
 PB97045BL

Tot Ion	82	Resp	868197
Ion Ratio	Lower	Upper	
82	100		
128	41.2	34.6	52.0
54	58.4	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093056.D
 Acq: 21 Feb 2017 5:50

Tgt Ion	164	Resp	281089
Ion Ratio	Lower	Upper	
164	100		
162	103.2	80.2	120.2
160	45.6	36.9	55.3

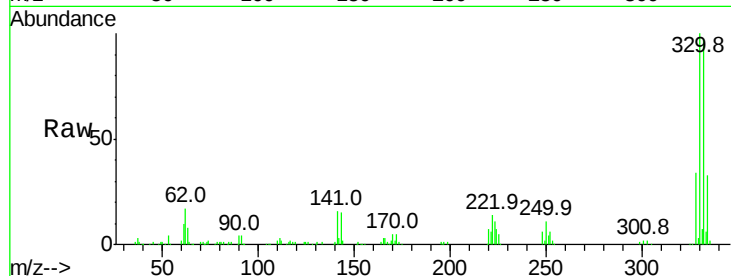




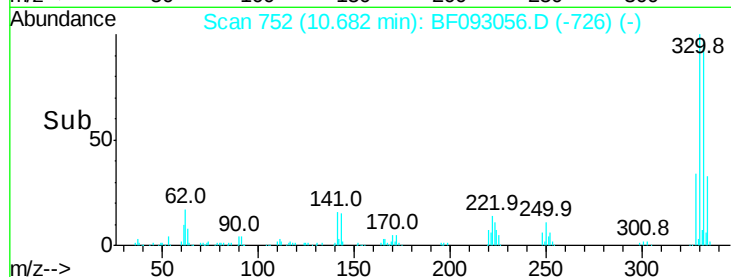
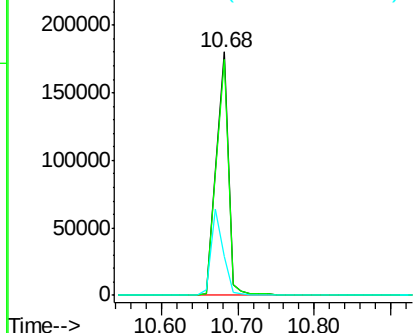
#41
 2,4,6-Tribromophenol
 Concen: 98.07 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093056.D
 Acq: 21 Feb 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	34.8	34.1	51.1

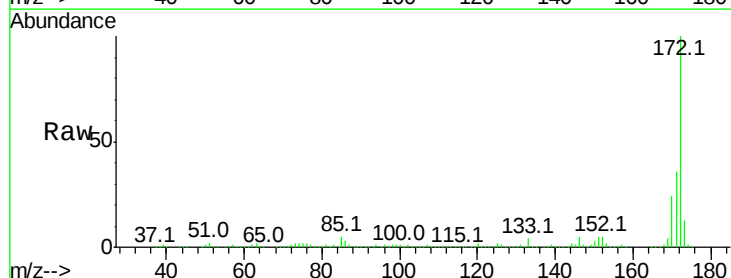


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

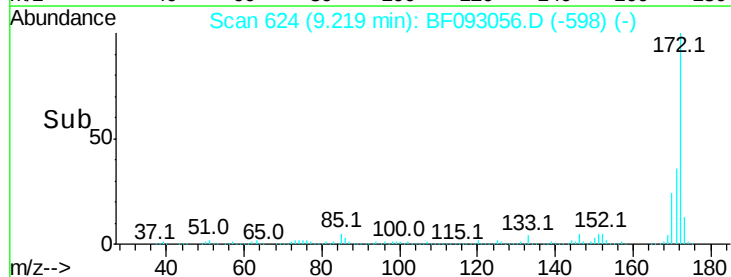
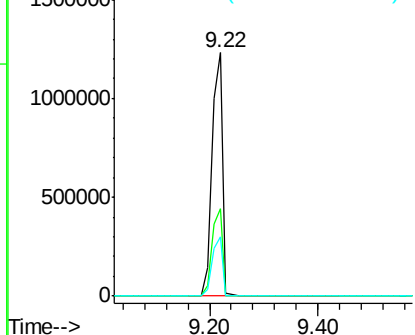


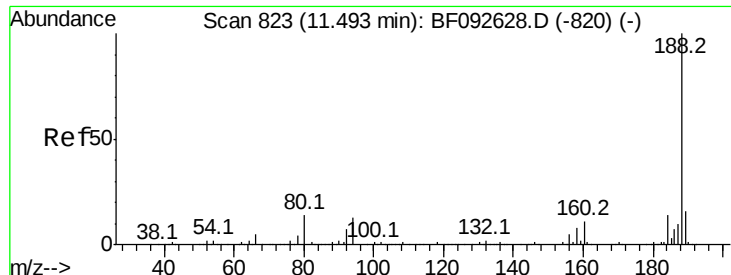
#44
 2-Fluorobiphenyl
 Concen: 107.02 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093056.D
 Acq: 21 Feb 2017 5:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.3	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

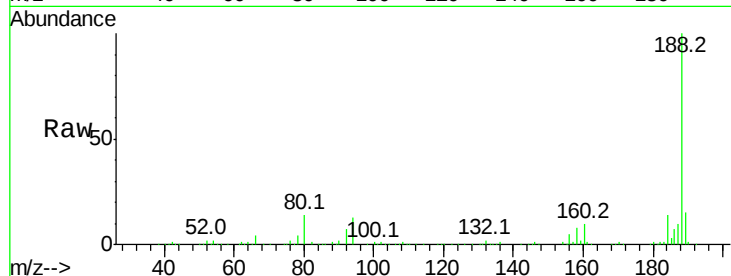




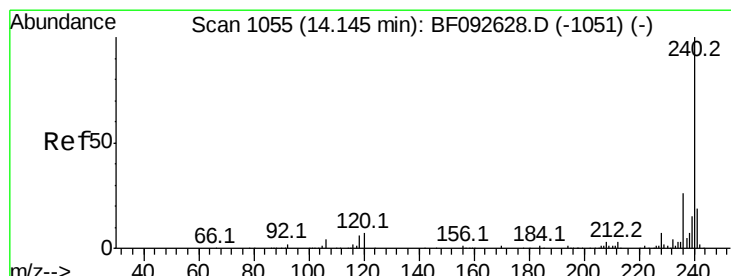
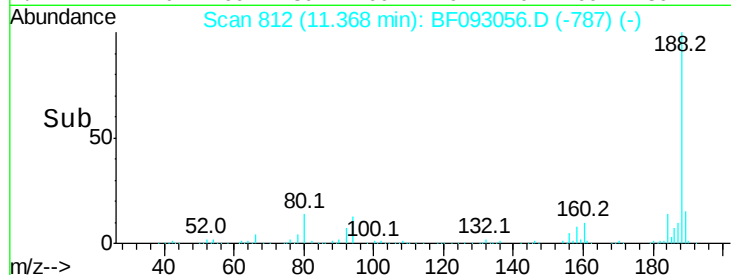
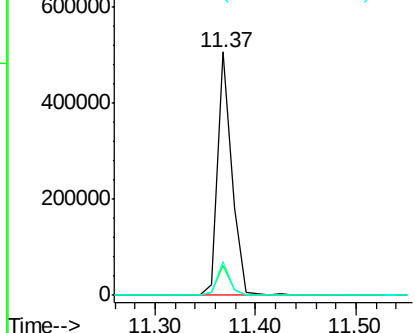
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093056.D
Acq: 21 Feb 2017 5:50

Instrument :
BNA_F
ClientSampleId :
PB97045BL

Tot Ion:188 Resp: 498604
Ion Ratio Lower Upper
188 100
94 12.5 10.0 15.0
80 14.0 11.2 16.8

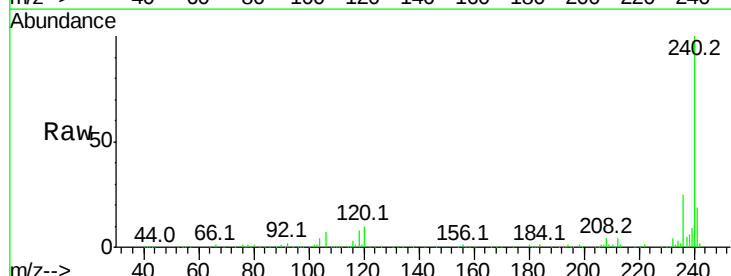


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

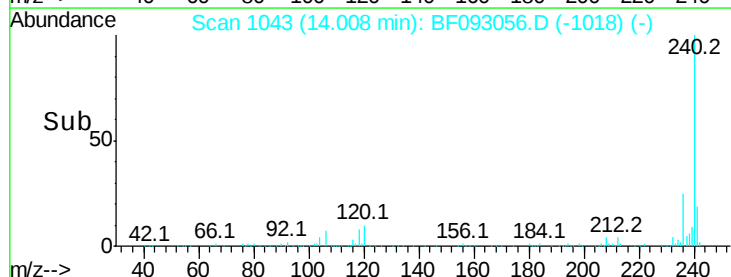
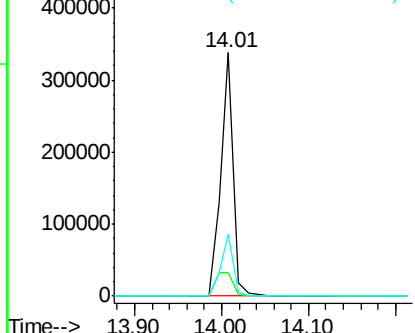


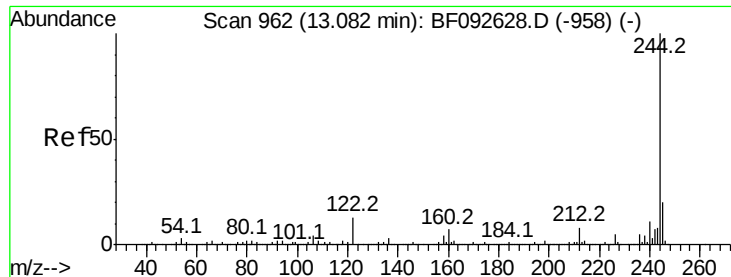
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093056.D
Acq: 21 Feb 2017 5:50

Tgt Ion:240 Resp: 342294
Ion Ratio Lower Upper
240 100
120 9.8 12.9 19.3#
236 25.4 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

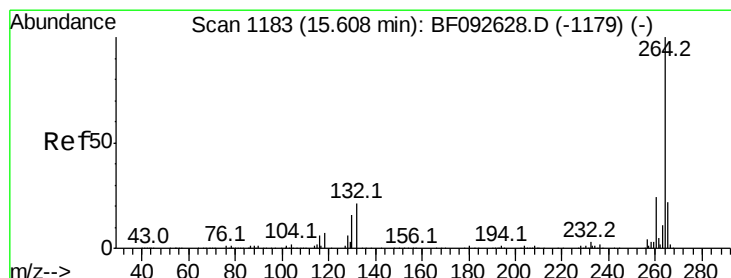
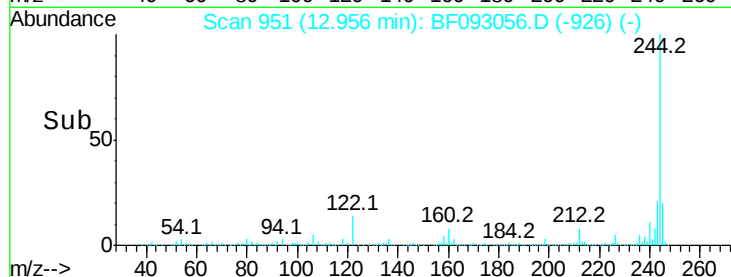
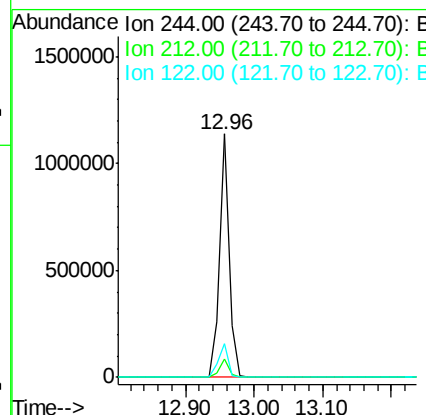
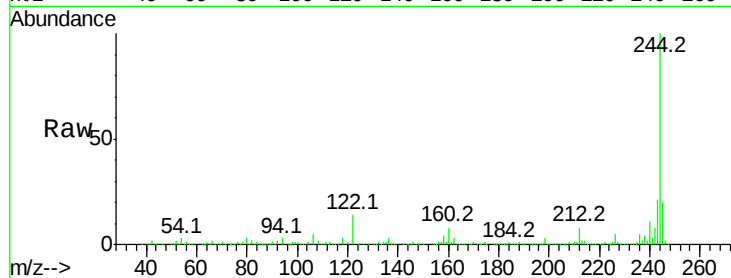




#78
 Terphenyl-d14
 Concen: 77.97 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093056.D
 Acq: 21 Feb 2017 5:50

Instrument :
 BNA_F
 ClientSampleID :
 PB97045BL

Tot Ion:244 Resp: 1135909
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.9 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093056.D
 Acq: 21 Feb 2017 5:50

Tgt Ion:264 Resp: 300334
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.5 17.4 26.0

