

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094351.D
 Acq On : 11 Apr 2017 11:03
 Operator : SJ/MA
 Sample : I2595-04DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 11:42:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

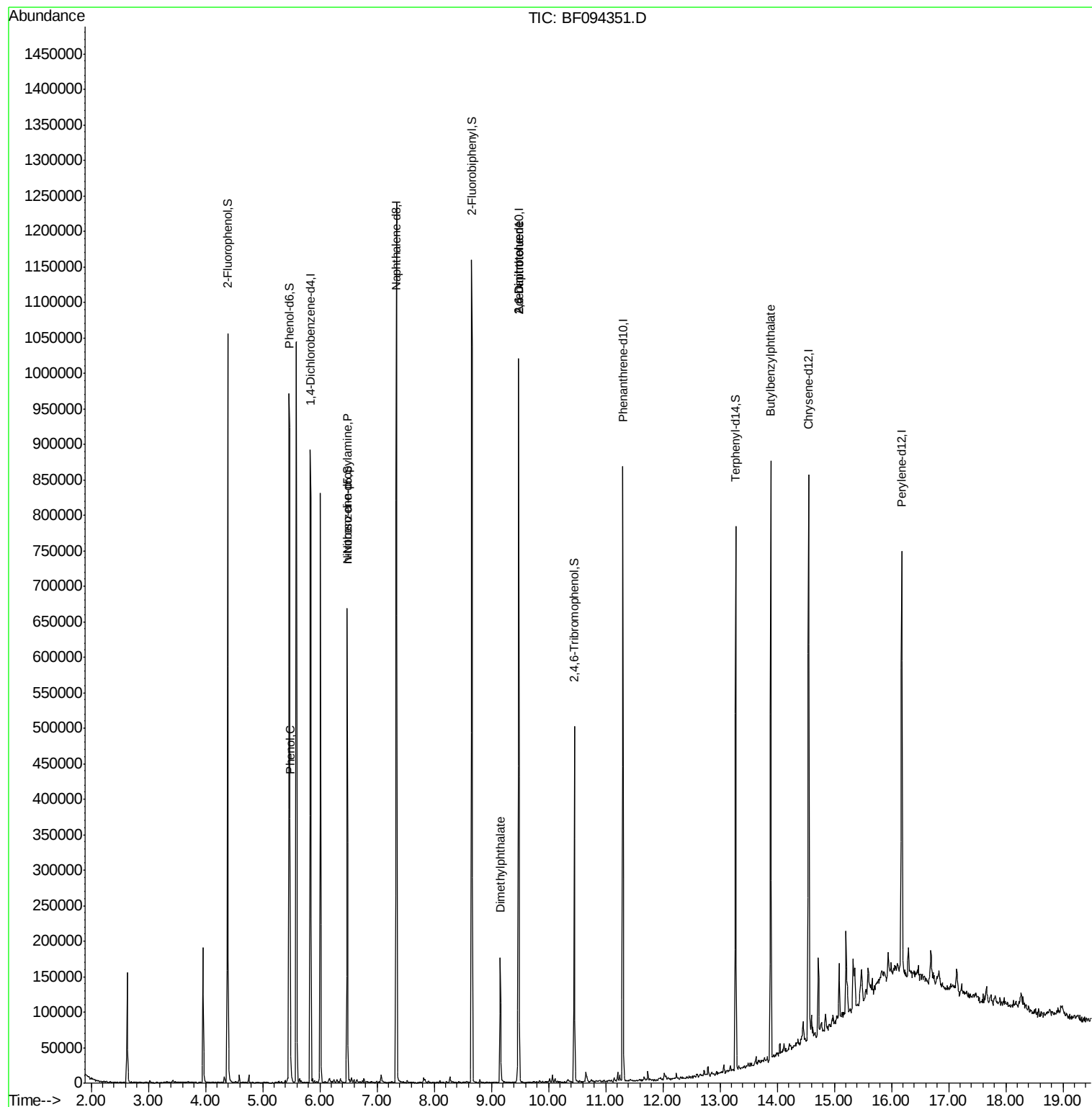
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	149898	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	577612	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	238393	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	363619	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	287556	20.00	ng	-0.02
86) Perylene-d12	16.18	264	233716	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	306348	34.52	ng	0.00
7) Phenol-d6	5.46	99	376286	34.27	ng	0.00
23) Nitrobenzene-d5	6.48	82	212187	20.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	60383	32.05	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	393050	25.15	ng	-0.03
78) Terphenyl-d14	13.27	244	248128	19.34	ng	-0.02
Target Compounds						
10) Phenol	5.48	94	25426	2.04	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	6.48	70	26092	3.70	ng	# 76
49) Dimethylphthalate	9.16	163	75884	4.48	ng	98
50) 2,6-Dinitrotoluene	9.47	165	30291	7.80	ng	# 33
56) 2,4-Dinitrotoluene	9.47	165	30291	6.21	ng	# 33
79) Butylbenzylphthalate	13.89	149	233742	26.29	ng	# 84

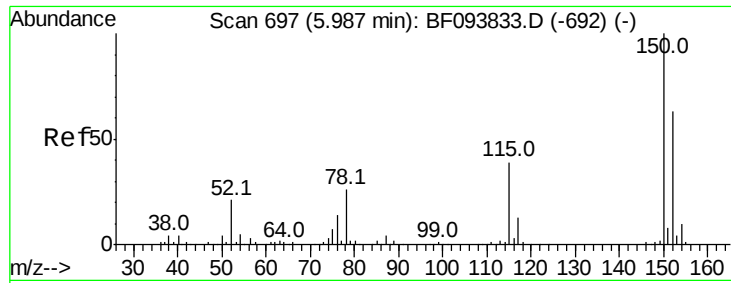
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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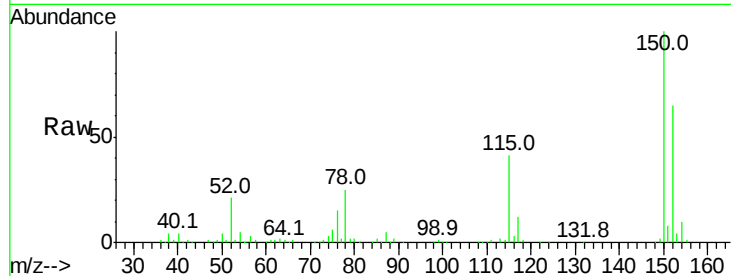


#1

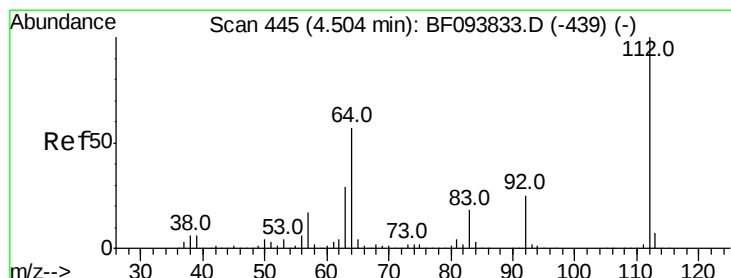
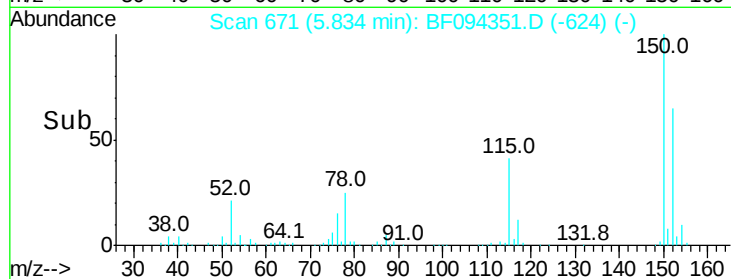
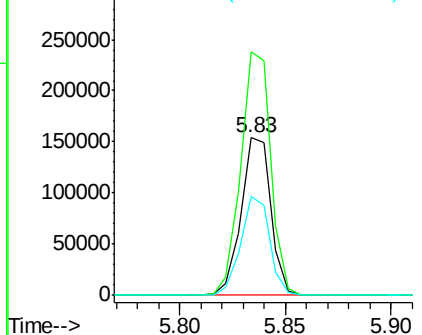
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF094351.D
Acq: 11 Apr 2017 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149898
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 62.9 52.2 78.2



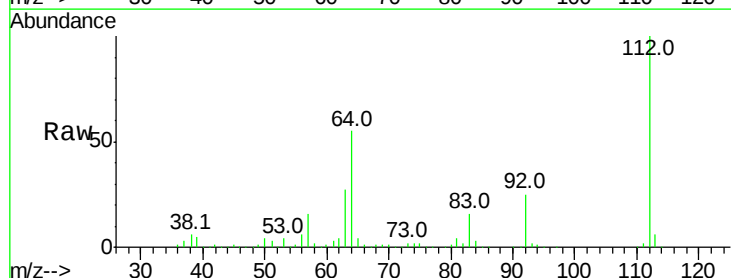
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



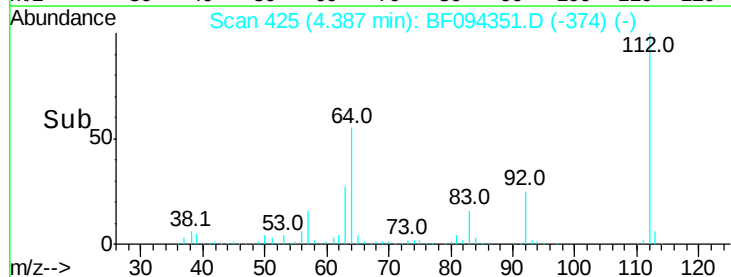
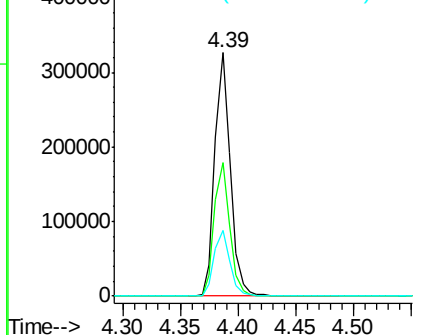
#5

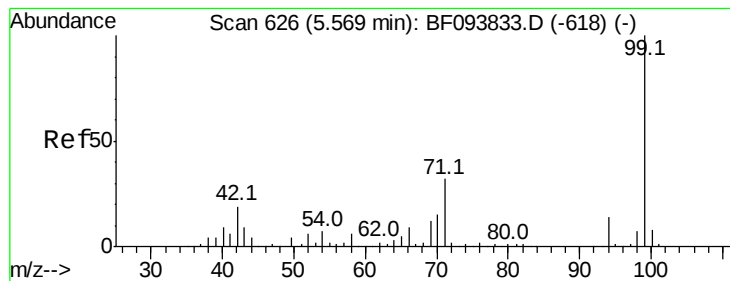
2-Fluorophenol
Concen: 34.52 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF094351.D
Acq: 11 Apr 2017 11:03

Tgt Ion:112 Resp: 306348
Ion Ratio Lower Upper
112 100
64 54.7 46.0 69.0
63 27.1 23.4 35.0



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: 34.27 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094351.D

Acq: 11 Apr 2017 11:03

Instrument :

BNA_F

ClientSampled :

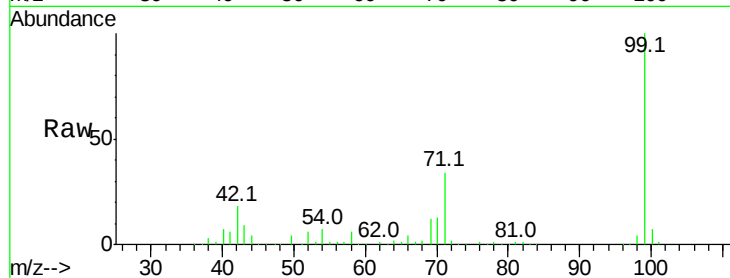
Tot Ion: 99 Resp: 376286

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

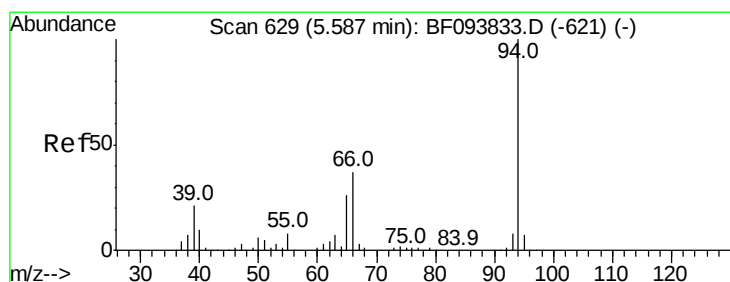
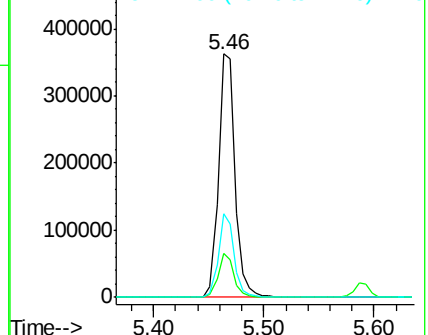
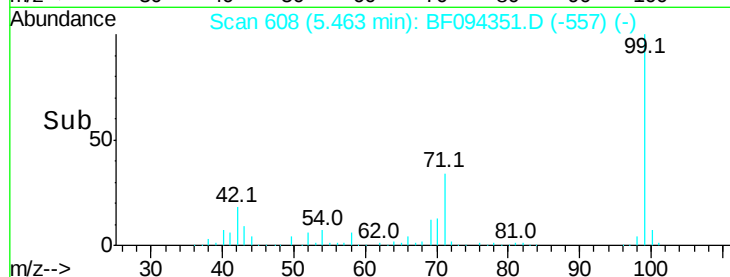
71 34.2 24.5 36.7



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



#10

Phenol

Concen: 2.04 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094351.D

Acq: 11 Apr 2017 11:03

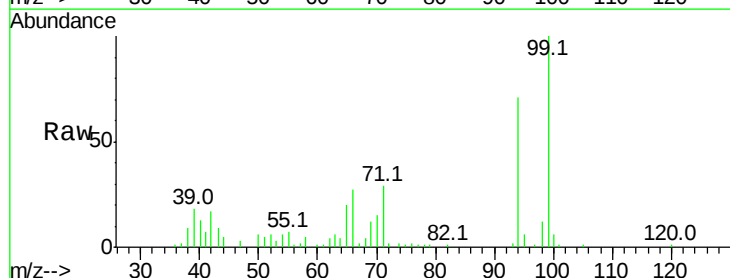
Tgt Ion: 94 Resp: 25426

Ion Ratio Lower Upper

94 100

65 28.8 9.9 49.9

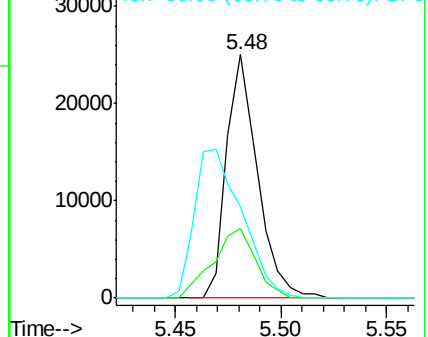
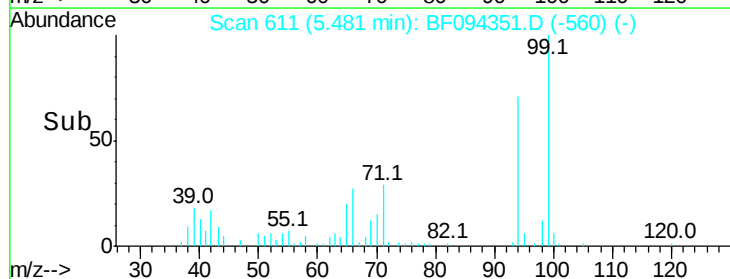
66 37.7 23.1 63.1

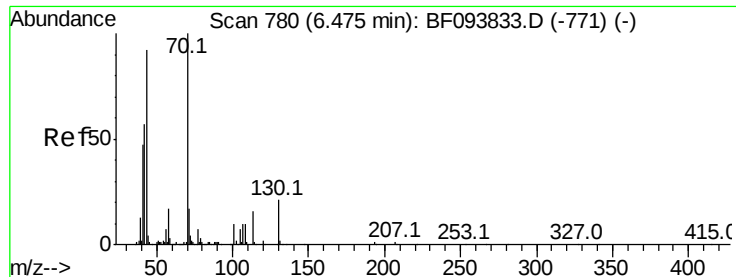


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 3.70 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.14 min

Lab File: BF094351.D

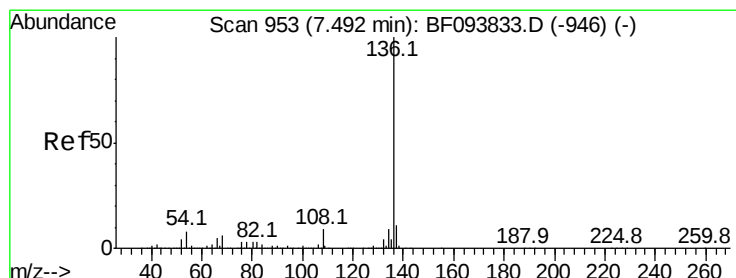
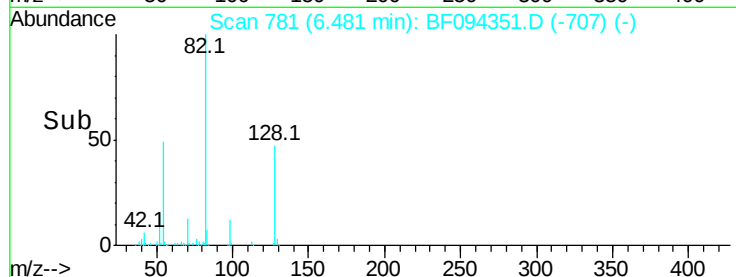
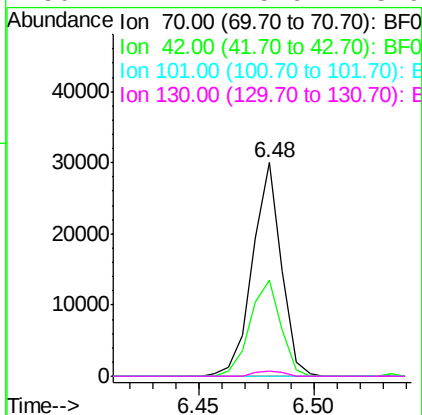
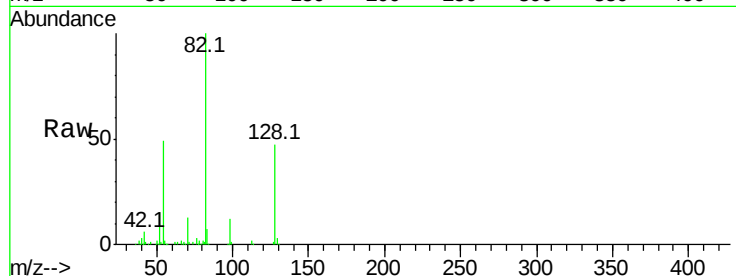
Acq: 11 Apr 2017 11:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	26092
Ion	Ratio	Lower	Upper
70	100		
42	45.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

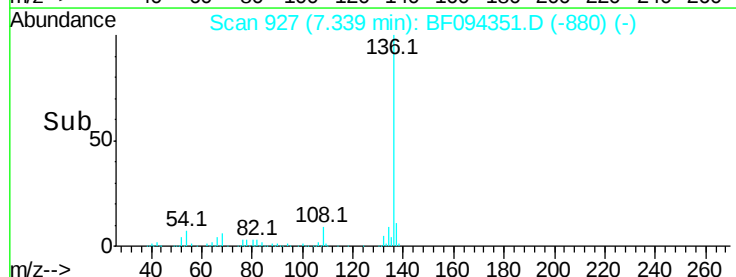
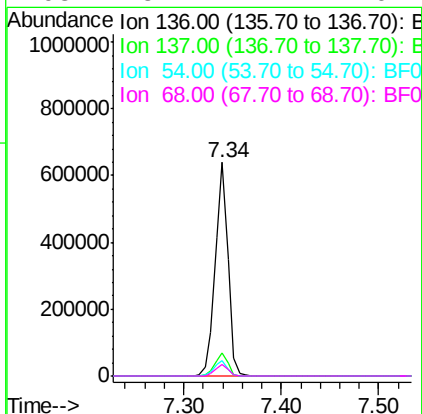
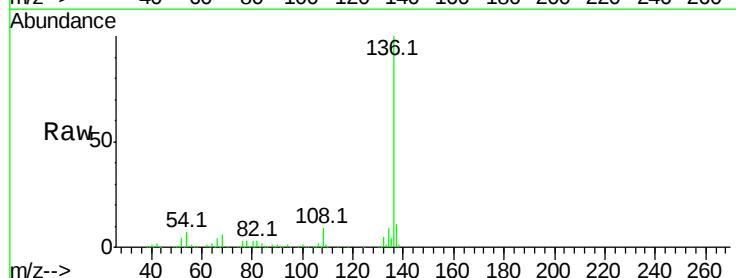
RT: 7.34 min Scan# 927

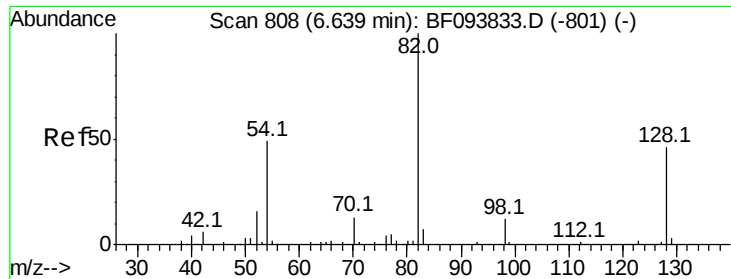
Delta R.T. -0.02 min

Lab File: BF094351.D

Acq: 11 Apr 2017 11:03

Tgt Ion:	136	Resp:	577612
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.1	4.9	7.3
68	5.7	4.1	6.1

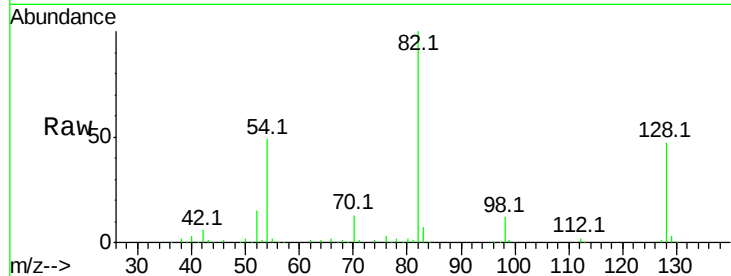




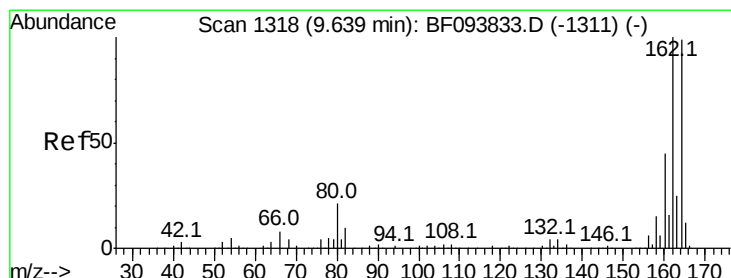
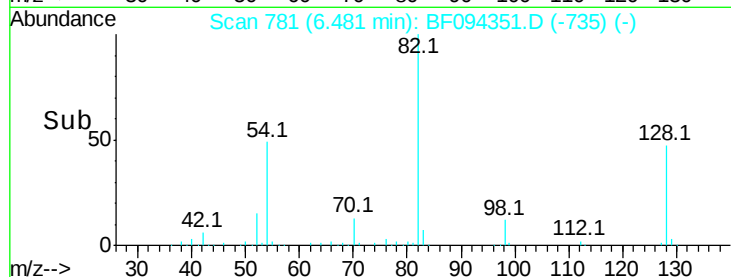
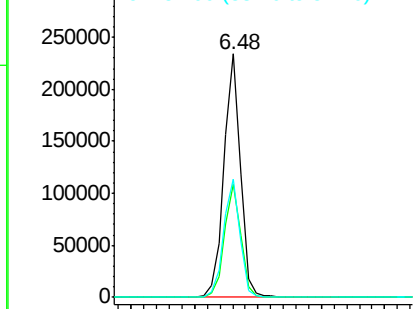
#23
 Nitrobenzene-d5
 Concen: 20.96 ng
 RT: 6.48 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF094351.D
 Acq: 11 Apr 2017 11:03

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	212187
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	48.7	42.2	63.2

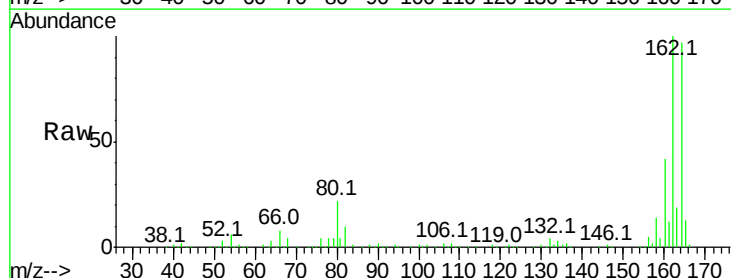


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

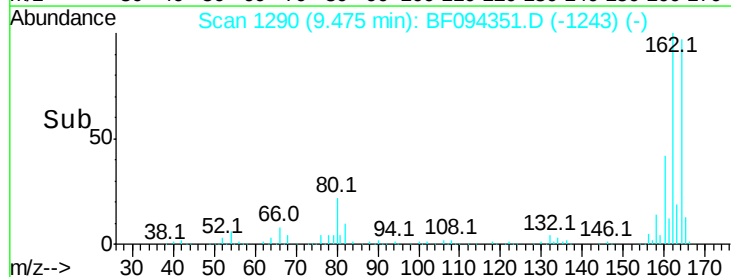
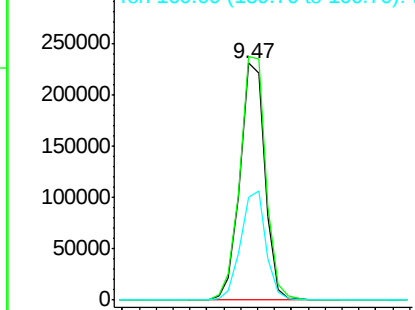


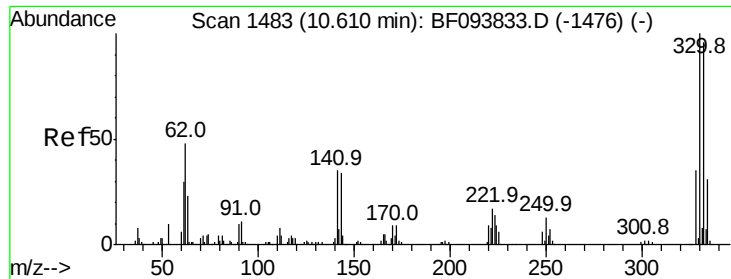
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094351.D
 Acq: 11 Apr 2017 11:03

Tgt Ion	164	Resp	238393
Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	43.4	36.2	54.2



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

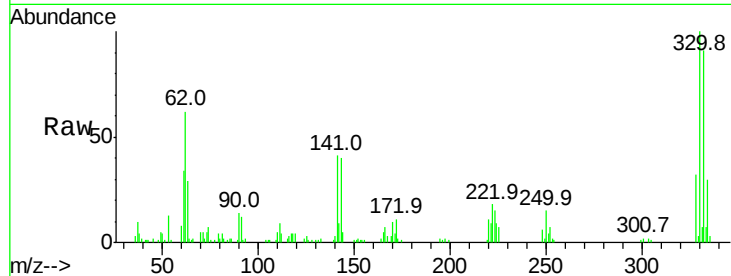




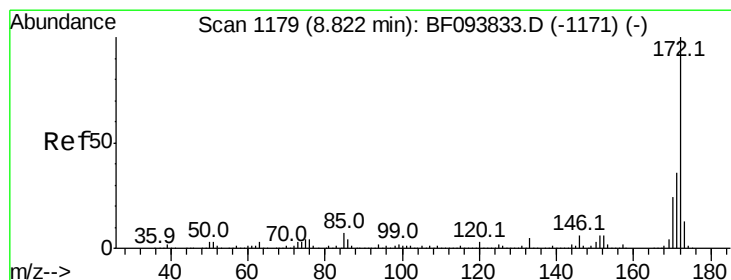
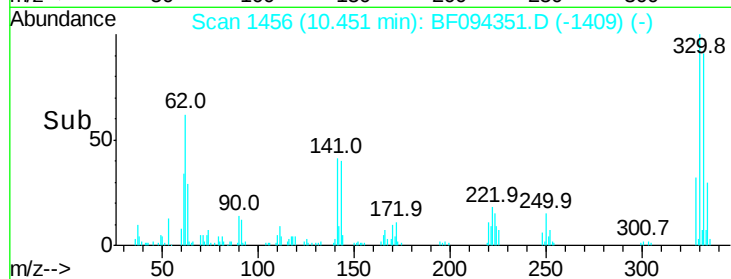
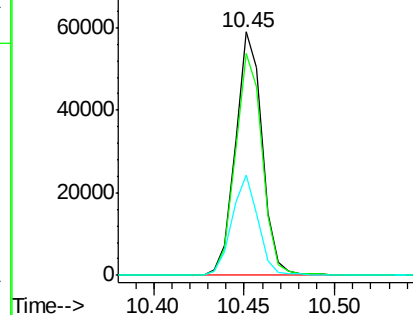
#41
 2,4,6-Tribromophenol
 Concen: 32.05 ng
 RT: 10.45 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF094351.D
 Acq: 11 Apr 2017 11:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.9	76.6	115.0
141	39.9	31.4	47.2

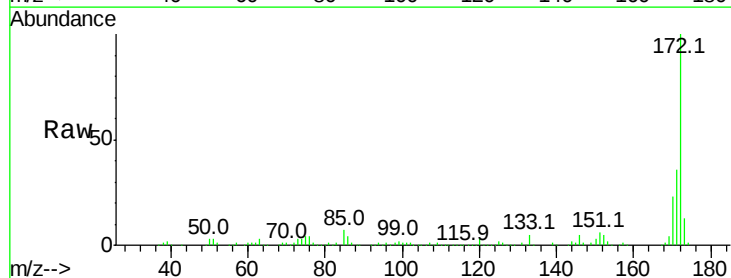


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

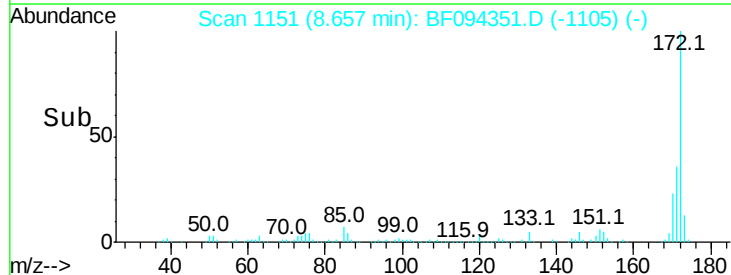
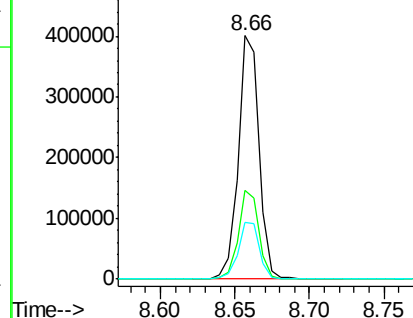


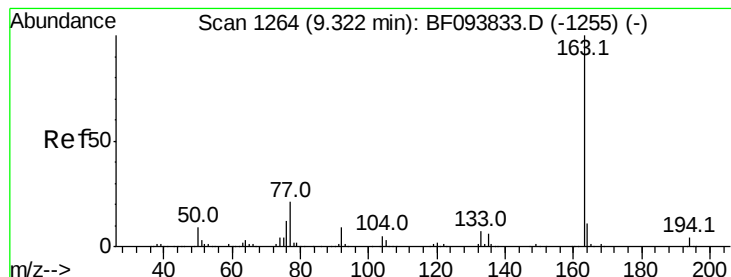
#44
 2-Fluorobiphenyl
 Concen: 25.15 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094351.D
 Acq: 11 Apr 2017 11:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.4	19.8	29.8



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





#49

Dimethylphthalate

Concen: 4.48 ng

RT: 9.16 min Scan# 1236

Delta R.T. -0.04 min

Lab File: BF094351.D

Acq: 11 Apr 2017 11:03

Instrument :

BNA_F

ClientSampled :

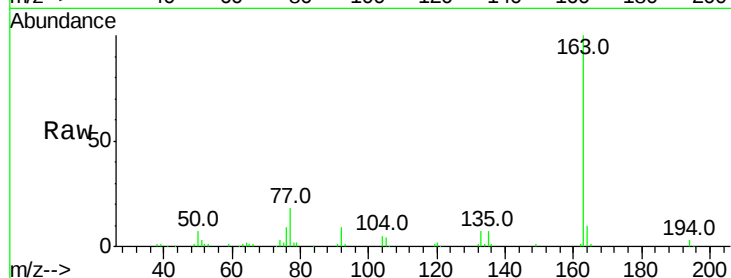
Tot Ion:163 Resp: 75884

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

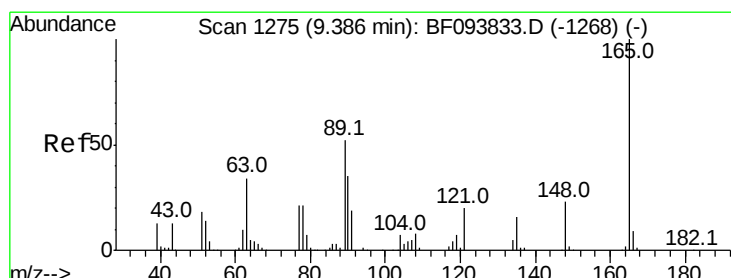
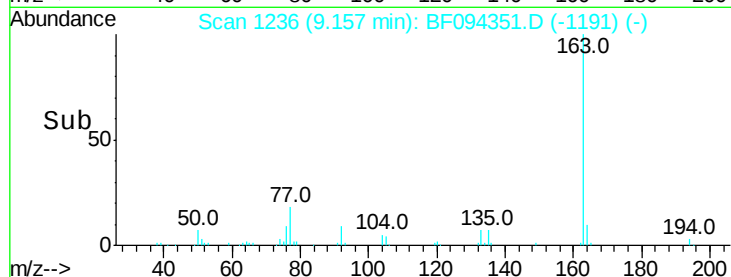
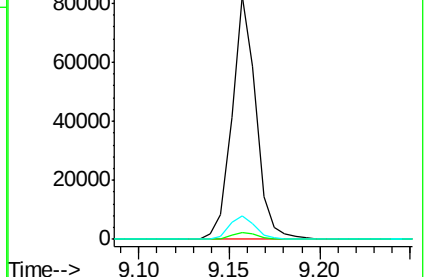
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.80 ng

RT: 9.47 min Scan# 1290

Delta R.T. 0.22 min

Lab File: BF094351.D

Acq: 11 Apr 2017 11:03

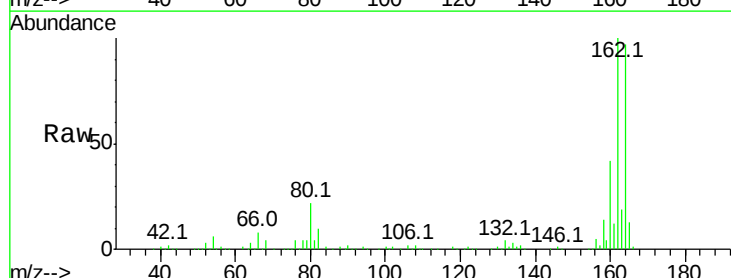
Tgt Ion:165 Resp: 30291

Ion Ratio Lower Upper

165 100

63 1.3 34.3 51.5#

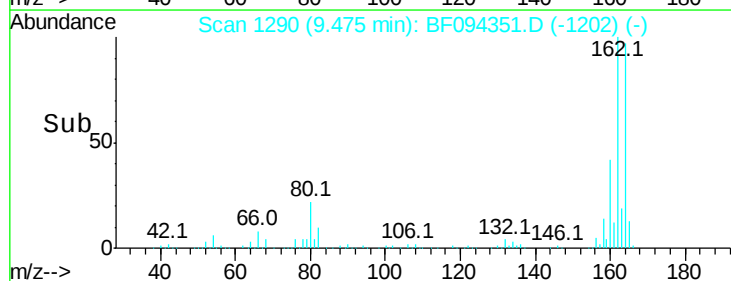
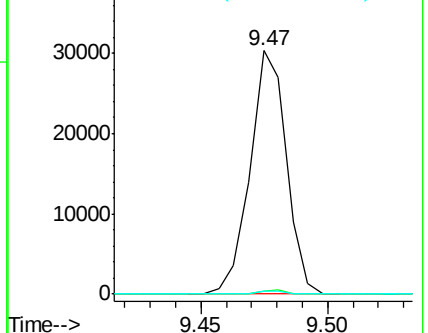
89 1.4 37.1 55.7#

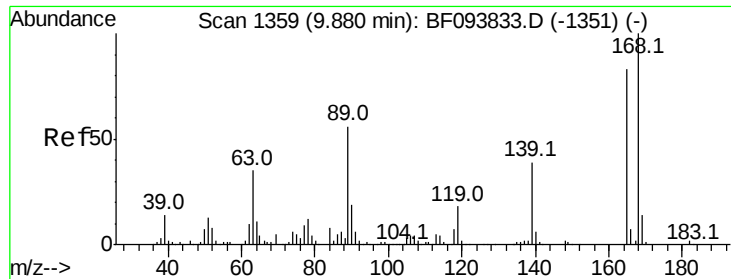


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

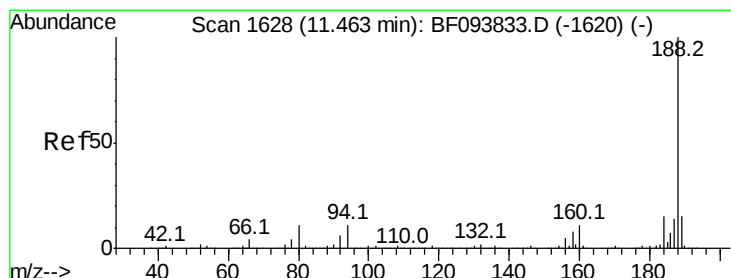
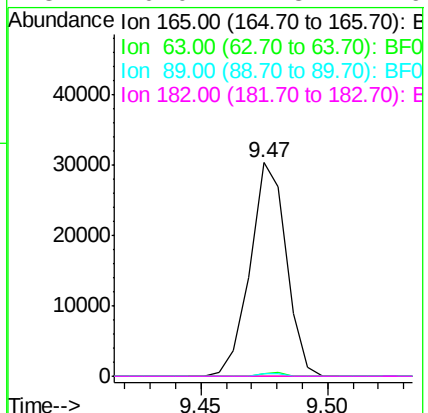
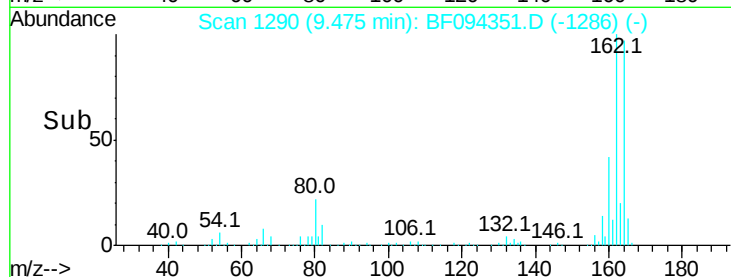
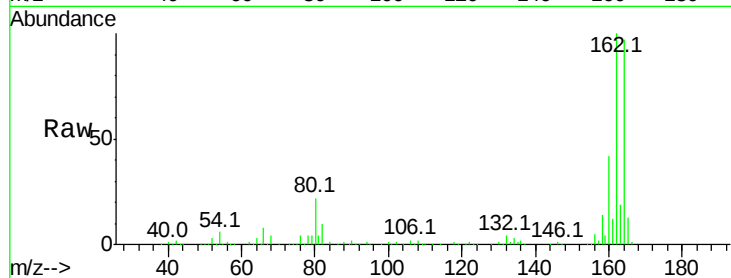




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.28 min
 Lab File: BF094351.D
 Acq: 11 Apr 2017 11:03

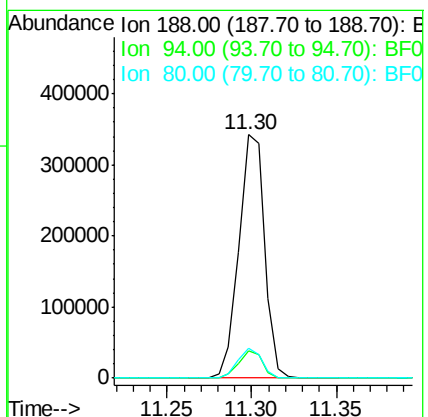
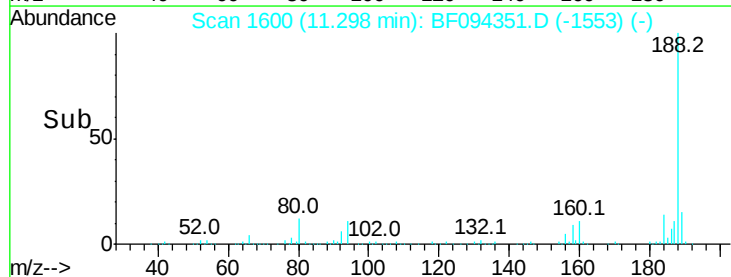
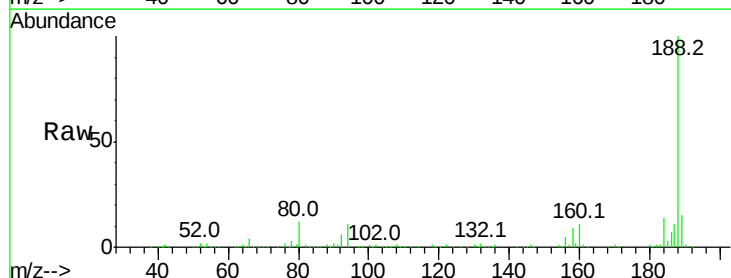
Instrument :
 BNA_F
 ClientSampleId :

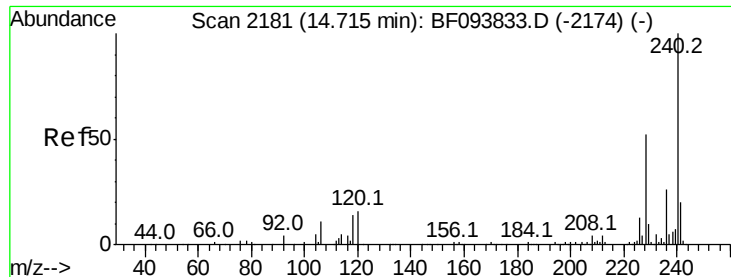
Tot Ion:165 Resp: 30291
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 1.4 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF094351.D
 Acq: 11 Apr 2017 11:03

Tgt Ion:188 Resp: 363619
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 12.4 10.2 15.2

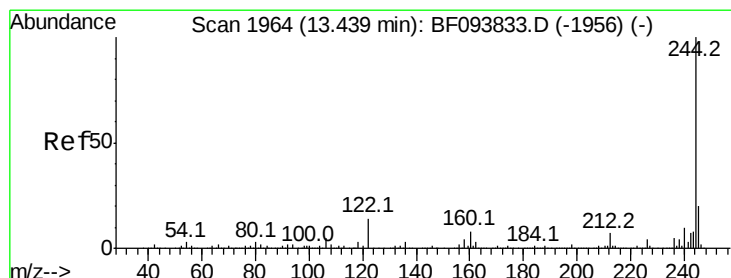
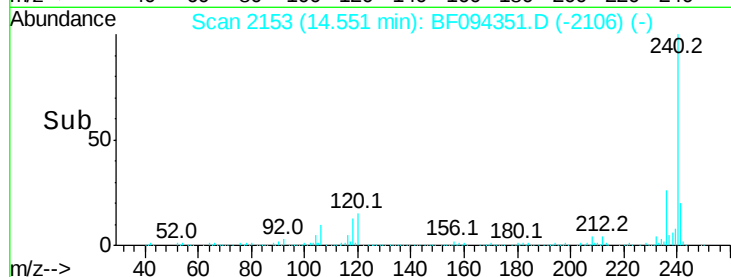
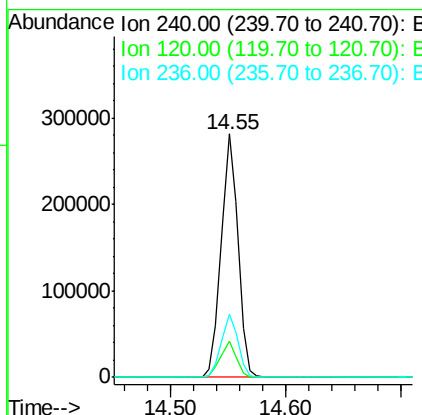
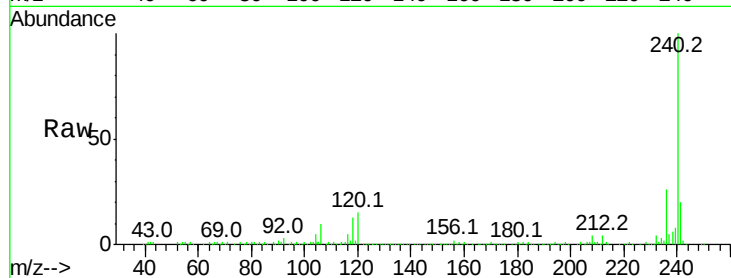




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BF094351.D
 Acq: 11 Apr 2017 11:03

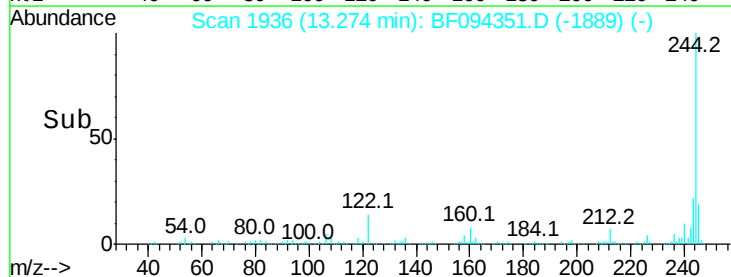
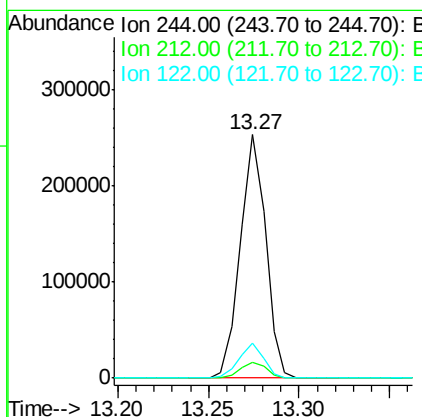
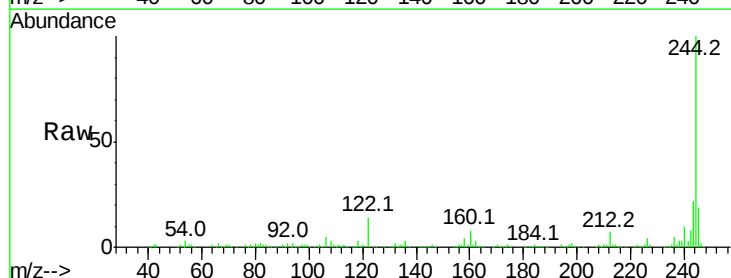
Instrument :
 BNA_F
 ClientSampleId :

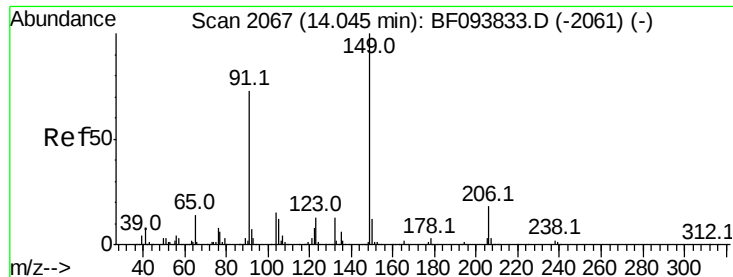
Tot Ion:240 Resp: 287556
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 25.7 20.5 30.7



#78
 Terphenyl-d14
 Concen: 19.34 ng
 RT: 13.27 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BF094351.D
 Acq: 11 Apr 2017 11:03

Tgt Ion:244 Resp: 248128
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 14.4 10.3 15.5

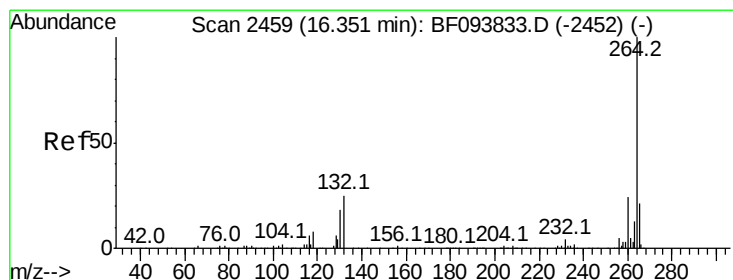
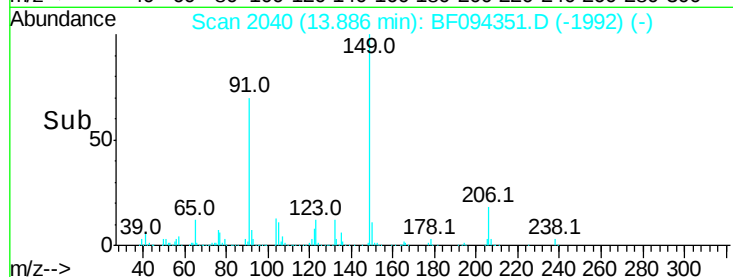
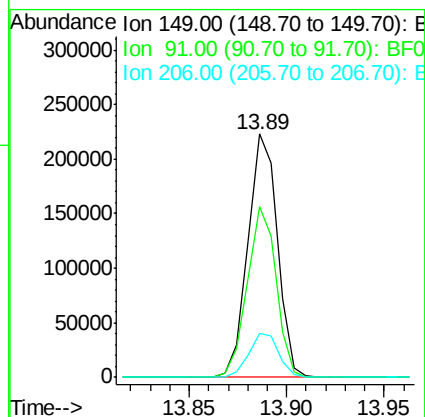
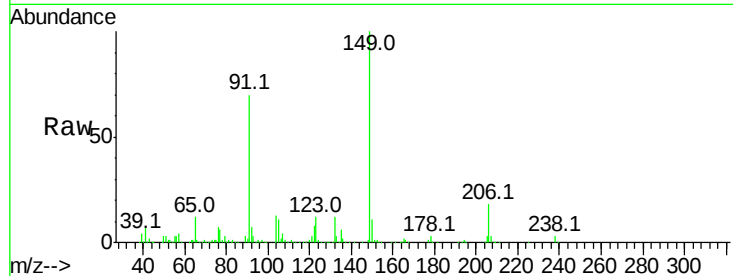




#79
Butylbenzylphthalate
Concen: 26.29 ng
RT: 13.89 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BF094351.D
Acq: 11 Apr 2017 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 233742
Ion Ratio Lower Upper
149 100
91 69.9 45.0 67.4#
206 17.9 17.0 25.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094351.D
Acq: 11 Apr 2017 11:03

Tgt Ion:264 Resp: 233716
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 22.0 17.2 25.8

