

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094322.D
 Acq On : 10 Apr 2017 20:17
 Operator : SJ/MA
 Sample : I2601-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:50:17 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

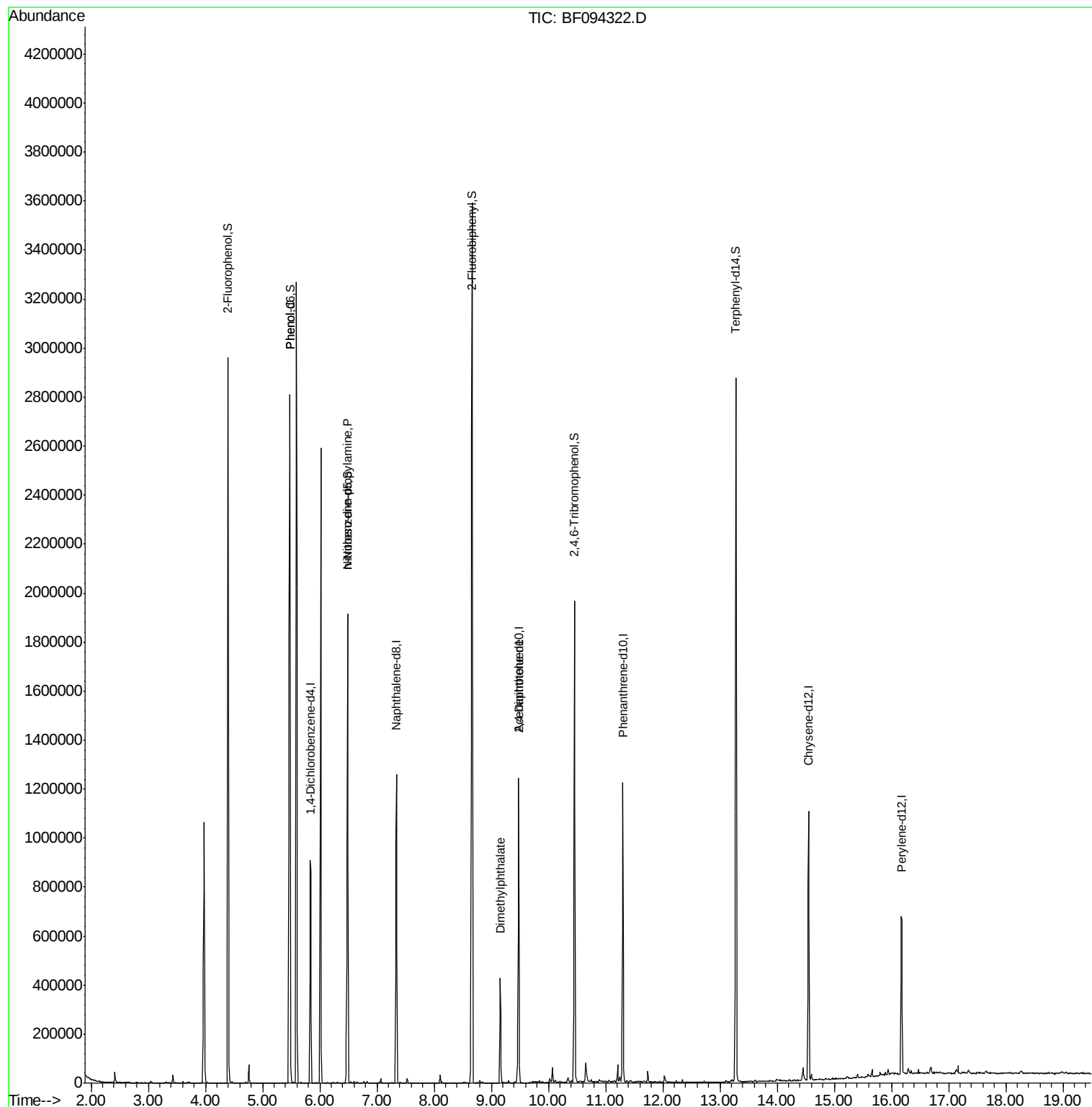
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	159953	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	638289	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	295589	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	525926	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	406529	20.00	ng	-0.02
86) Perylene-d12	16.17	264	267814	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	944270	99.71	ng	0.01
7) Phenol-d6	5.47	99	1202551	102.65	ng	0.01
23) Nitrobenzene-d5	6.49	82	744889	66.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	258144	110.52	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1364592	70.41	ng	-0.02
78) Terphenyl-d14	13.28	244	1126196	62.10	ng	-0.02
Target Compounds						
10) Phenol	5.48	94	87713	6.58	ng	99
19) n-Nitroso-di-n-propylamine	6.49	70	97926	13.01	ng	# 76
49) Dimethylphthalate	9.16	163	189602	9.02	ng	99
56) 2,4-Dinitrotoluene	9.47	165	38217	6.32	ng	# 33

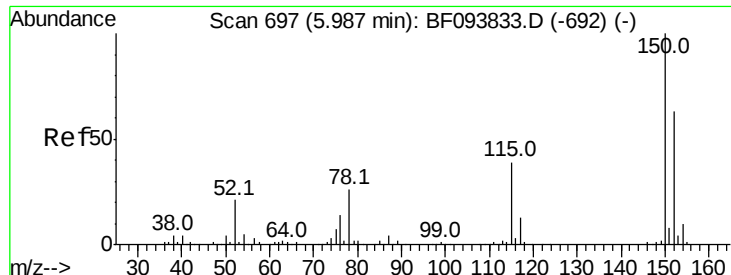
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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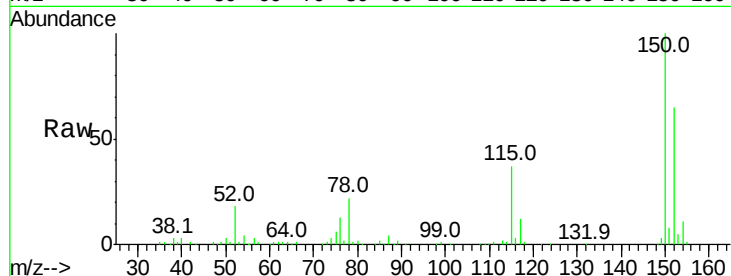


#1

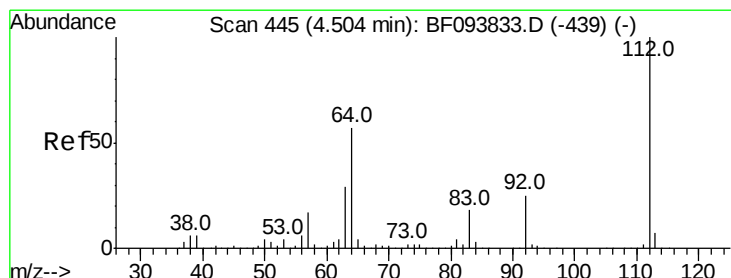
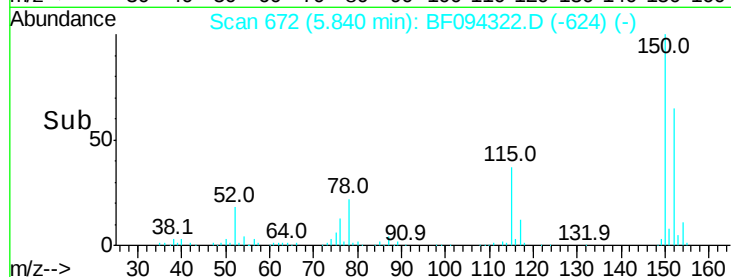
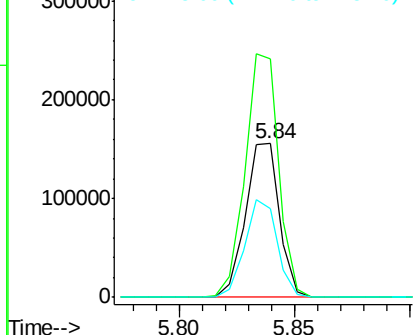
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094322.D
Acq: 10 Apr 2017 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 159953
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 57.8 52.2 78.2



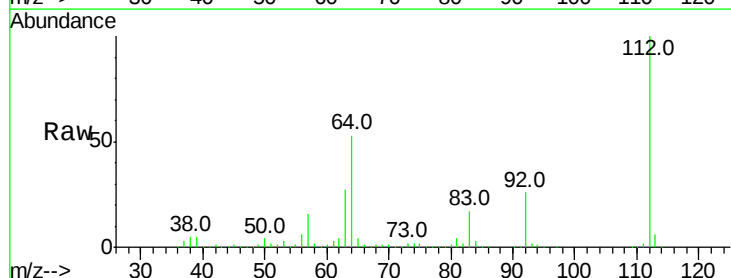
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



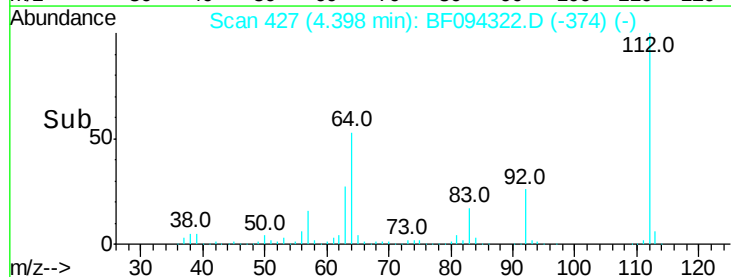
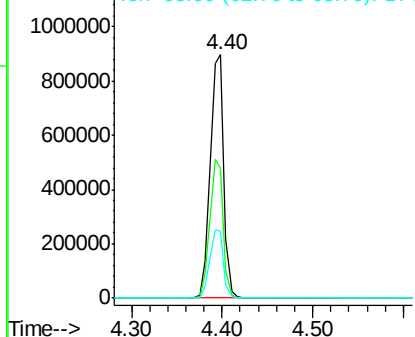
#5

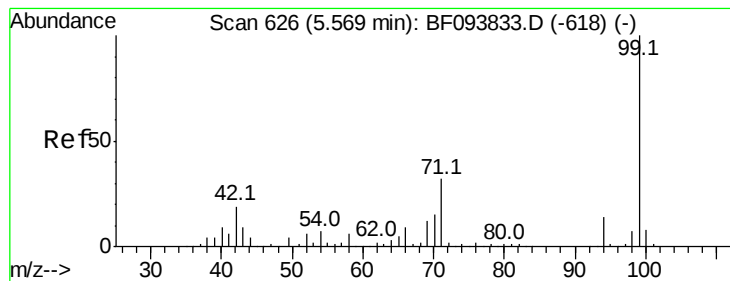
2-Fluorophenol
Concen: 99.71 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094322.D
Acq: 10 Apr 2017 20:17

Tgt Ion:112 Resp: 944270
Ion Ratio Lower Upper
112 100
64 53.1 46.0 69.0
63 27.4 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: 102.65 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094322.D

Acq: 10 Apr 2017 20:17

Instrument :

BNA_F

ClientSampled :

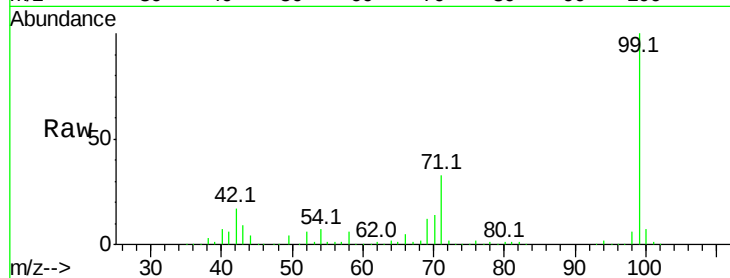
Tot Ion: 99 Resp: 1202551

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	33.0	24.5	36.7

99 100

42 17.3 13.5 20.3

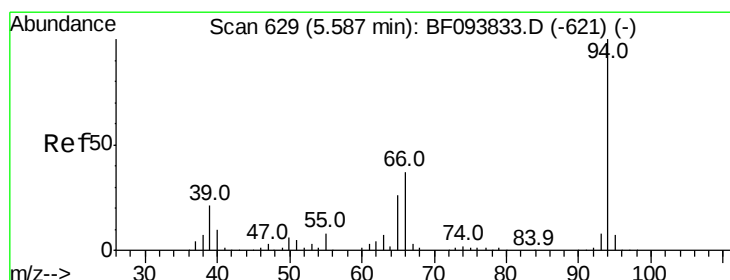
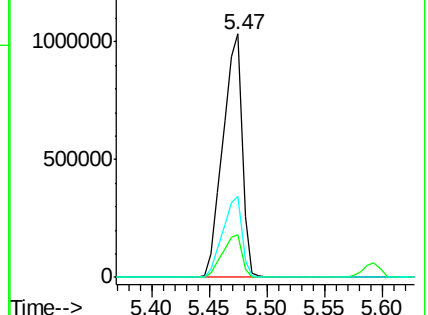
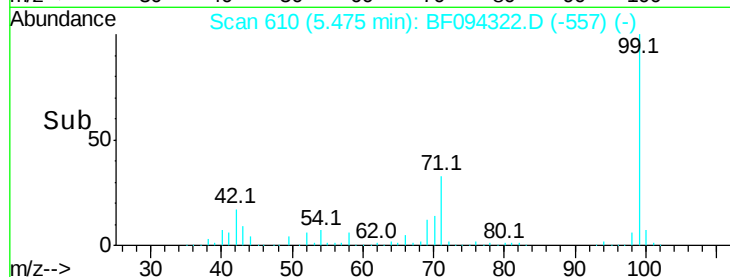
71 33.0 24.5 36.7



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: 6.58 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094322.D

Acq: 10 Apr 2017 20:17

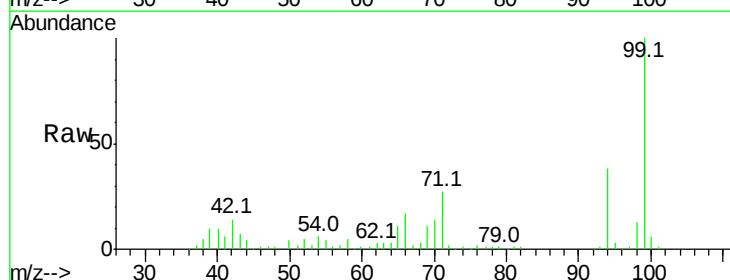
Tgt Ion: 94 Resp: 87713

Ion	Ratio	Lower	Upper
94	100		
65	28.7	9.9	49.9
66	43.7	23.1	63.1

94 100

65 28.7 9.9 49.9

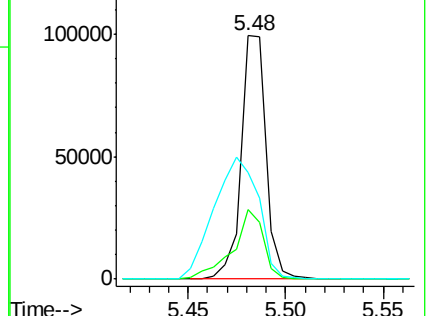
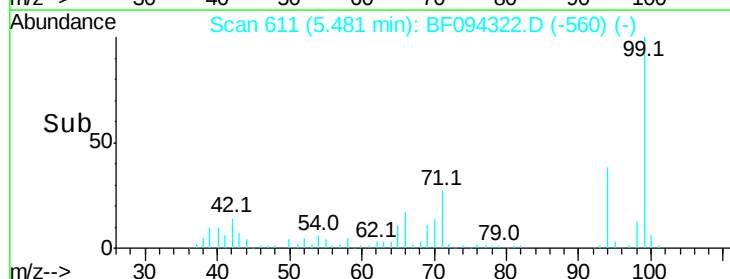
66 43.7 23.1 63.1

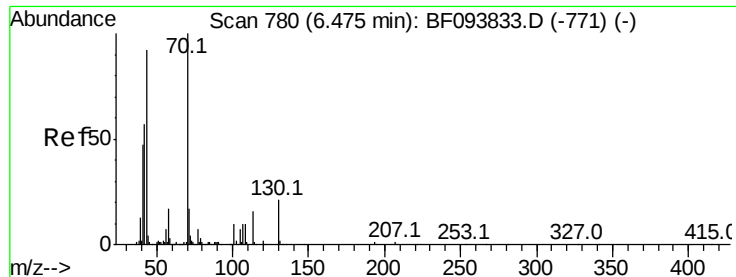


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 13.01 ng

RT: 6.49 min Scan# 782

Delta R.T. 0.14 min

Lab File: BF094322.D

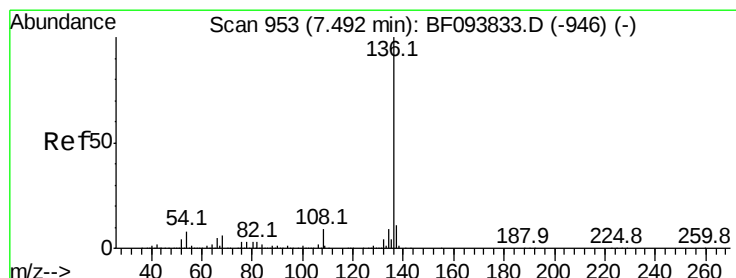
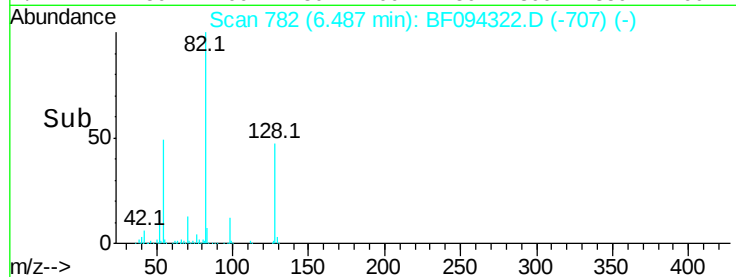
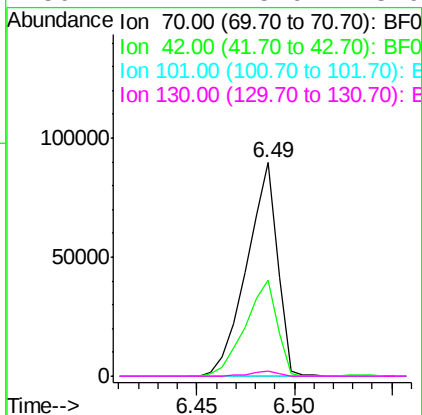
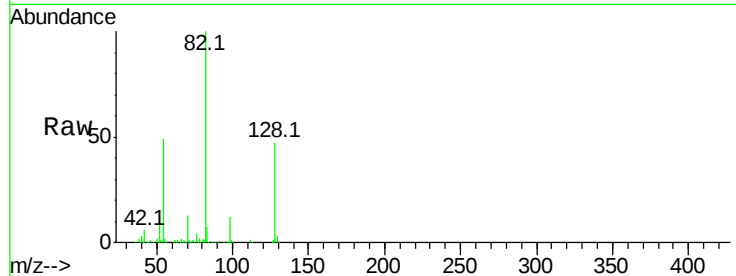
Acq: 10 Apr 2017 20:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	97926
Ion	Ratio	Lower	Upper
70	100		
42	45.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

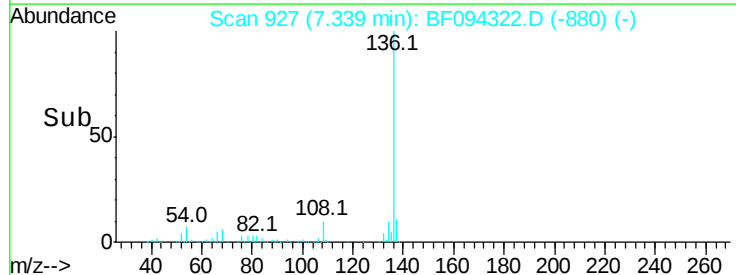
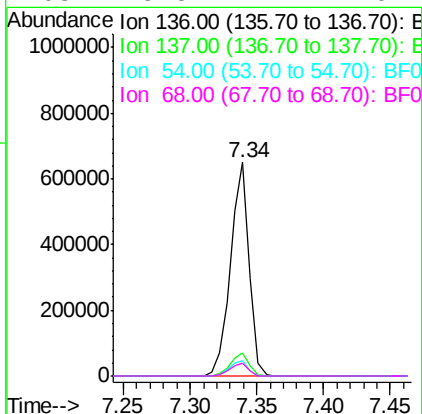
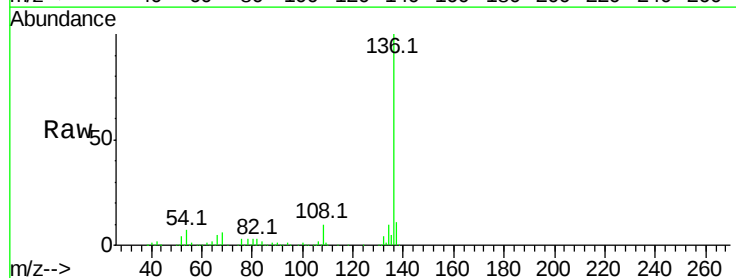
RT: 7.34 min Scan# 927

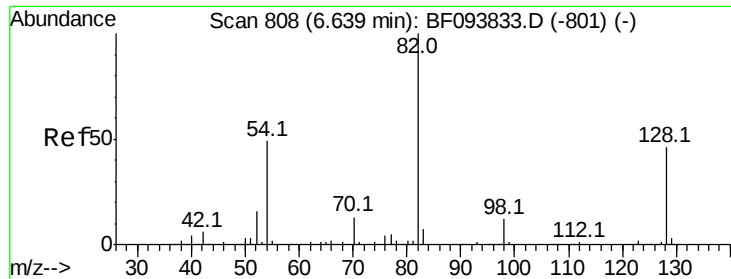
Delta R.T. -0.02 min

Lab File: BF094322.D

Acq: 10 Apr 2017 20:17

Tgt Ion:	136	Resp:	638289
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.1	4.9	7.3
68	5.8	4.1	6.1

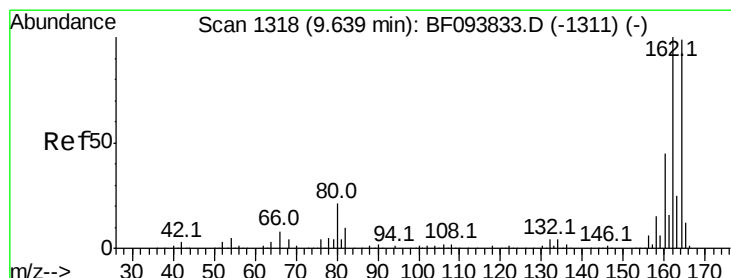
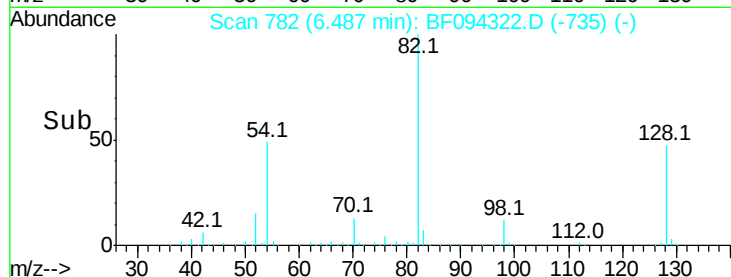
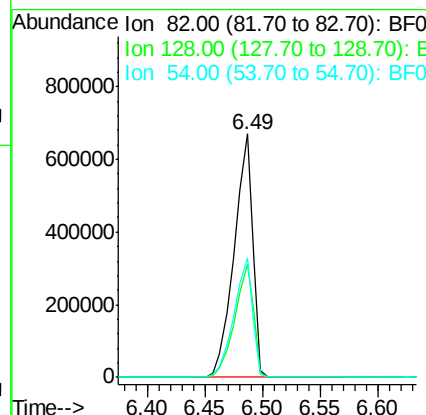
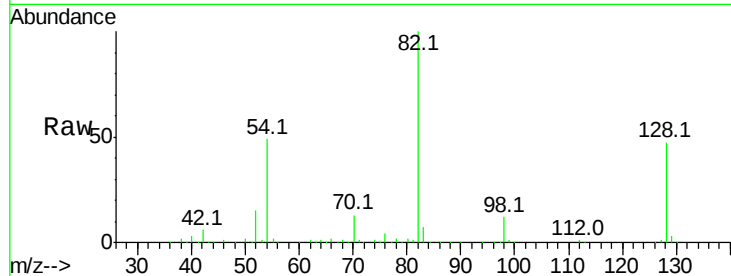




#23
 Nitrobenzene-d5
 Concen: 66.60 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF094322.D
 Acq: 10 Apr 2017 20:17

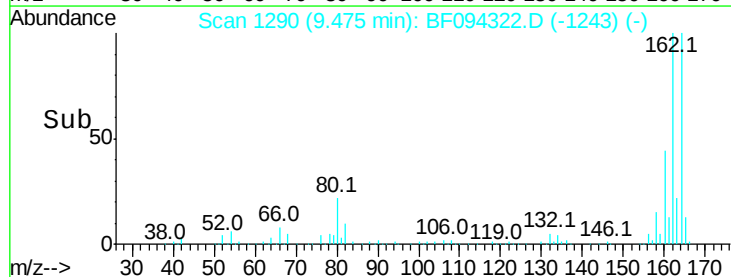
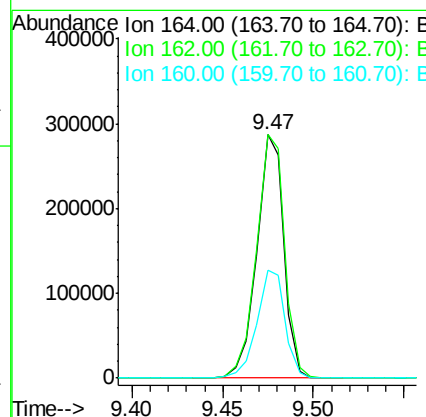
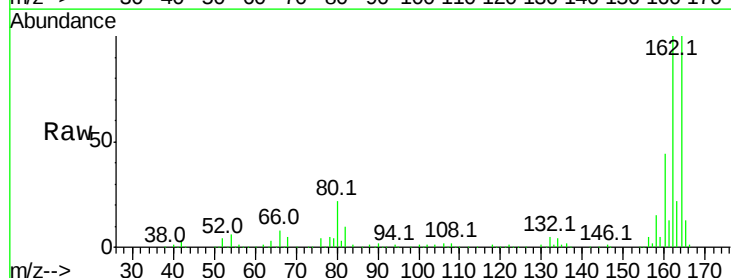
Instrument :
 BNA_F
 ClientSampled :

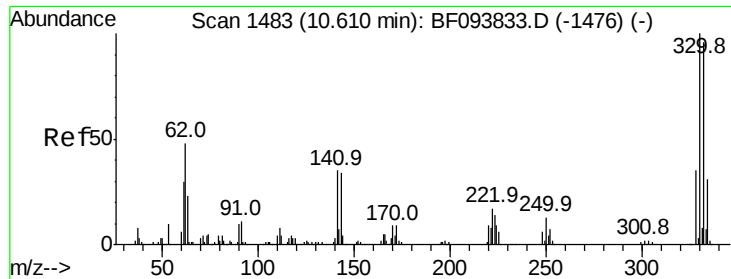
Tot Ion	82	Resp	744889
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	49.1	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094322.D
 Acq: 10 Apr 2017 20:17

Tgt Ion	164	Resp	295589
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	100.1	36.2	54.2
160	44.4		

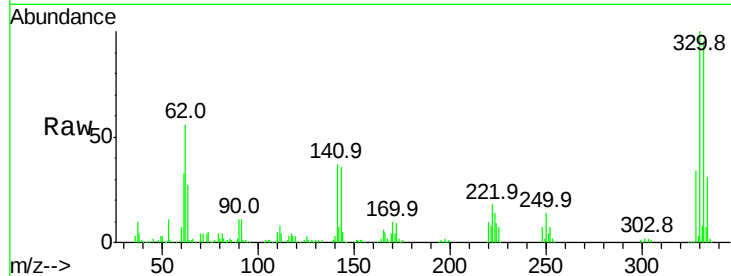




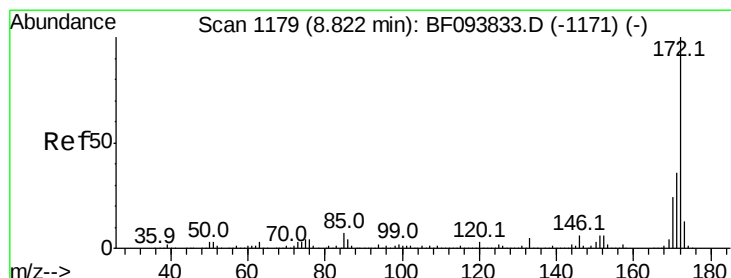
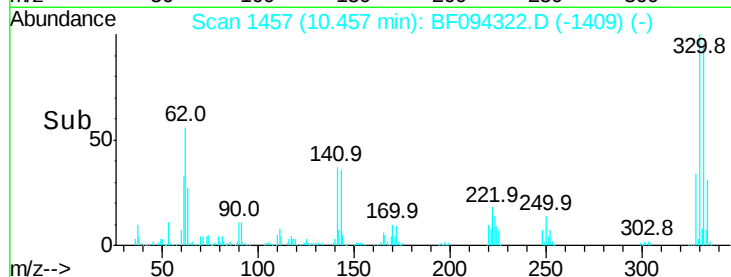
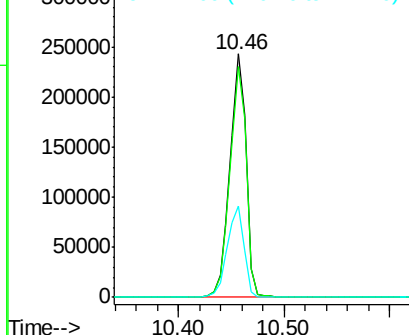
#41
 2,4,6-Tribromophenol
 Concen: 110.52 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094322.D
 Acq: 10 Apr 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	38.8	31.4	47.2

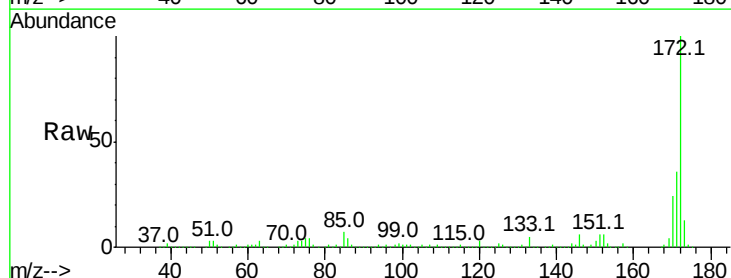


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

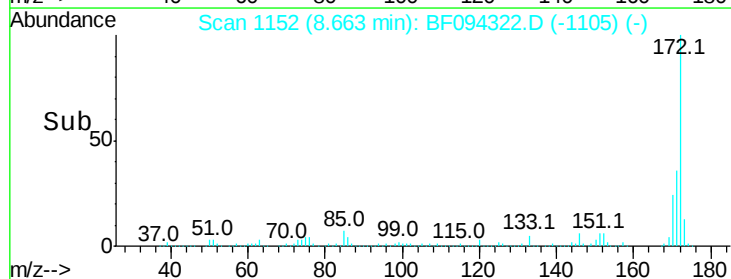
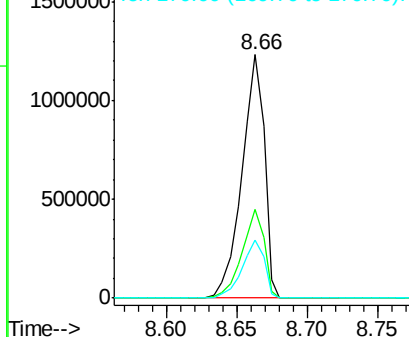


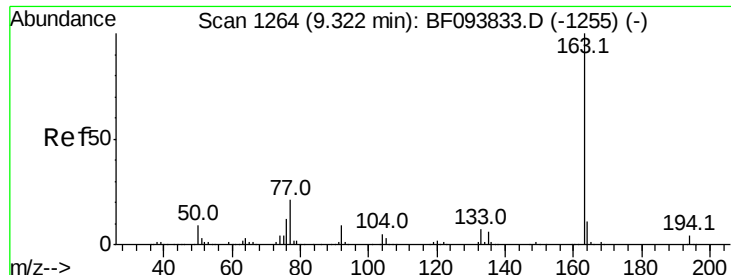
#44
 2-Fluorobiphenyl
 Concen: 70.41 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094322.D
 Acq: 10 Apr 2017 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.1	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

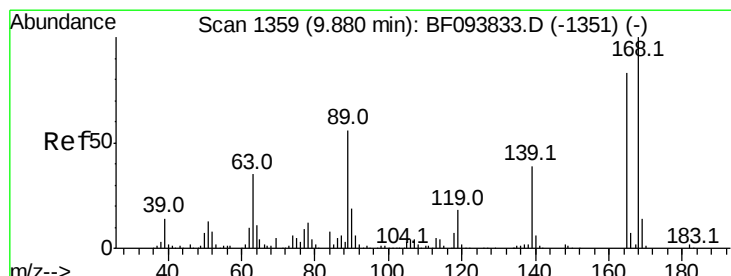
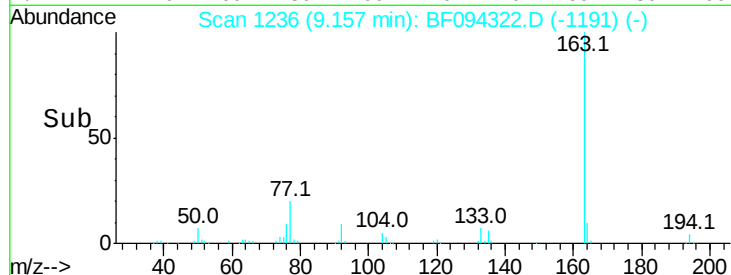
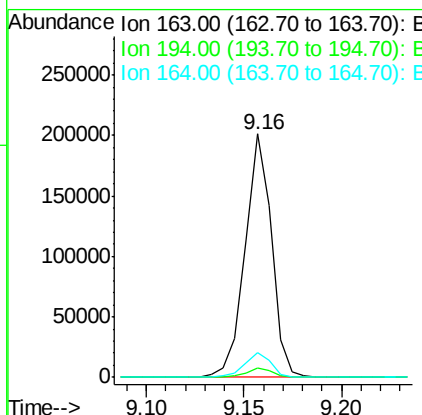
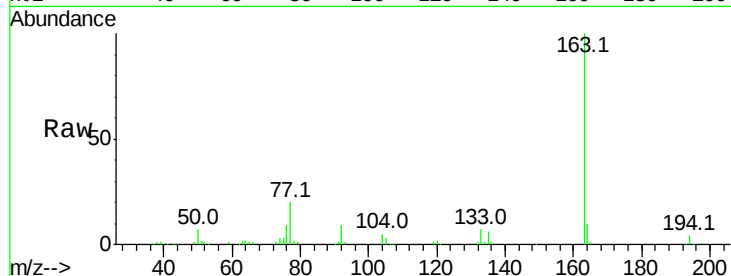




#49
 Dimethylphthalate
 Concen: 9.02 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF094322.D
 Acq: 10 Apr 2017 20:17

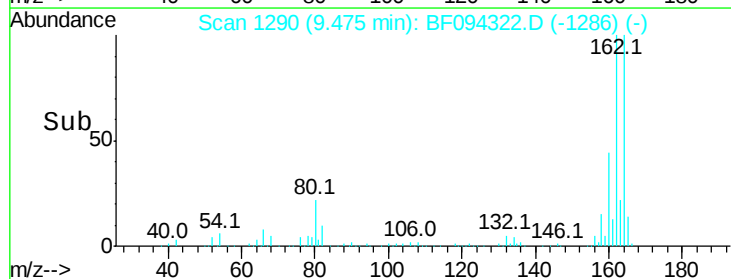
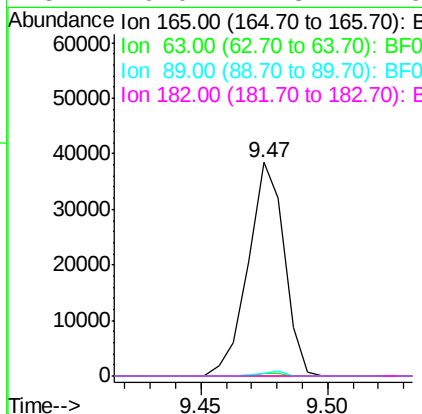
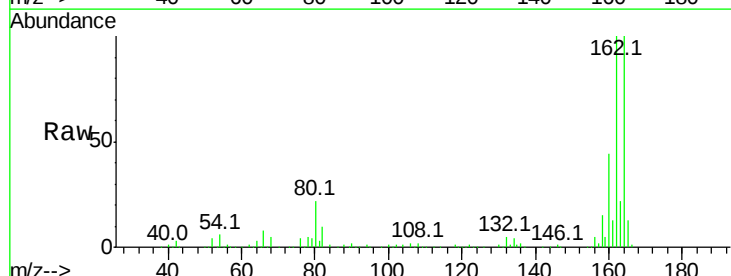
Instrument :
 BNA_F
 ClientSampleId :

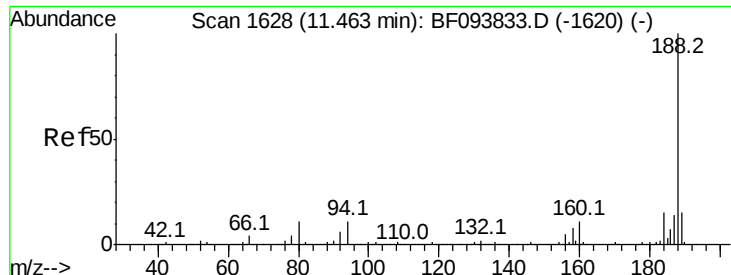
Tot Ion:	163	Resp:	189602
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.4	8.4	12.6



#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.28 min
 Lab File: BF094322.D
 Acq: 10 Apr 2017 20:17

Tgt Ion:	165	Resp:	38217
Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#

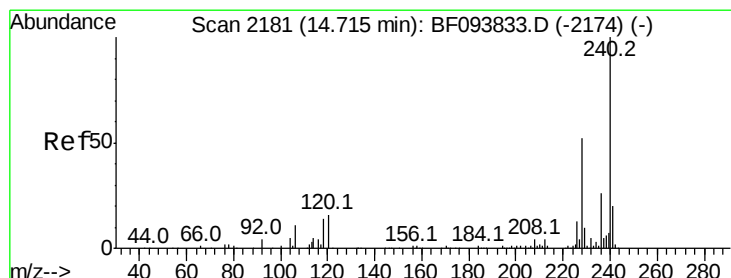
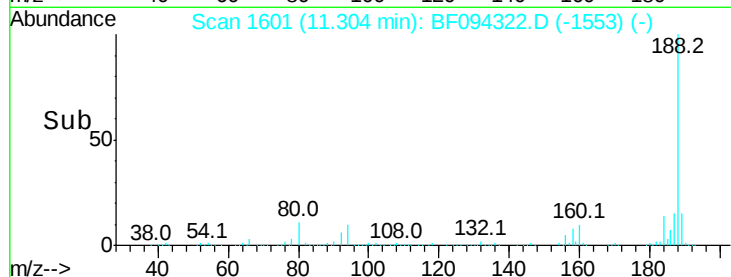
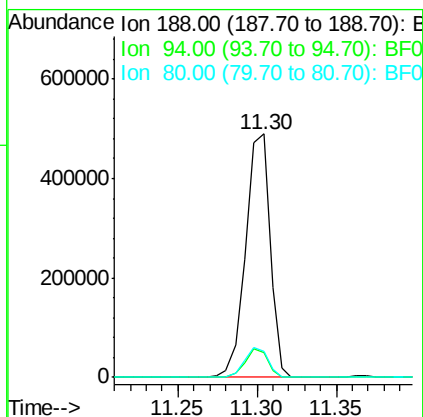
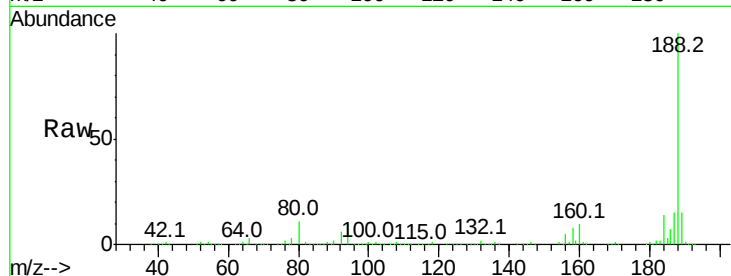




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF094322.D
Acq: 10 Apr 2017 20:17

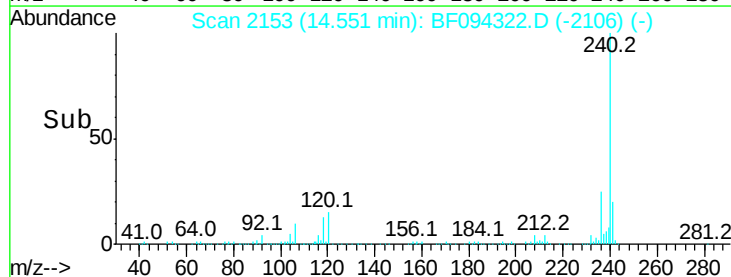
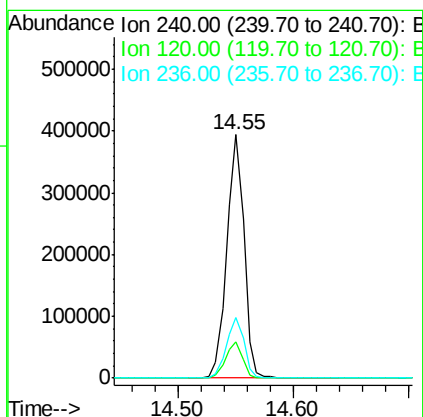
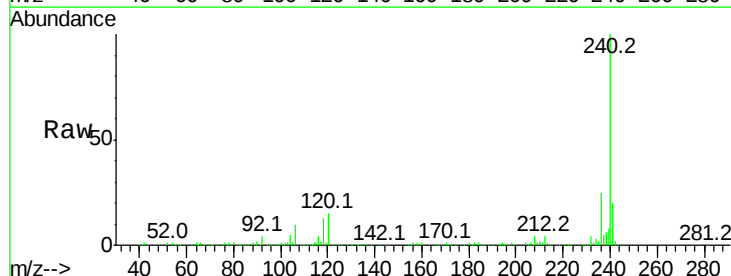
Instrument :
BNA_F
ClientSampleId :

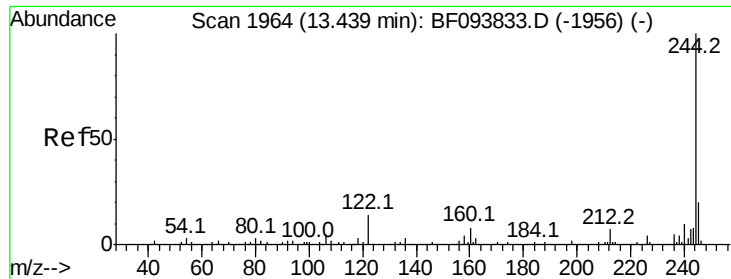
Tot Ion:188 Resp: 525926
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094322.D
Acq: 10 Apr 2017 20:17

Tgt Ion:240 Resp: 406529
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.0 20.5 30.7





#78

Terphenyl-d14

Concen: 62.10 ng

RT: 13.28 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BF094322.D

Acq: 10 Apr 2017 20:17

Instrument :

BNA_F

ClientSampleId :

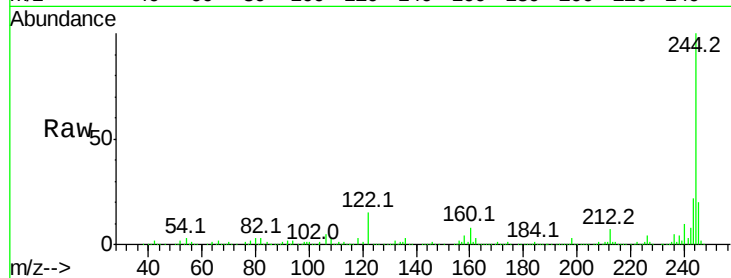
Tot Ion:244 Resp: 1126196

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

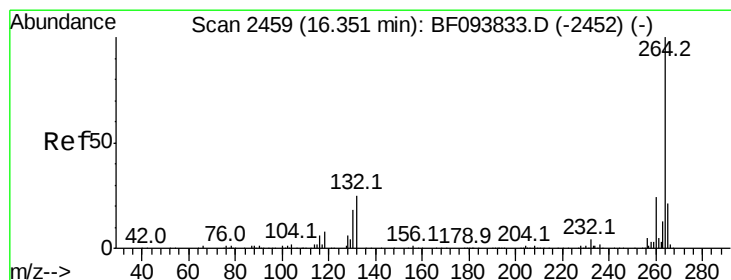
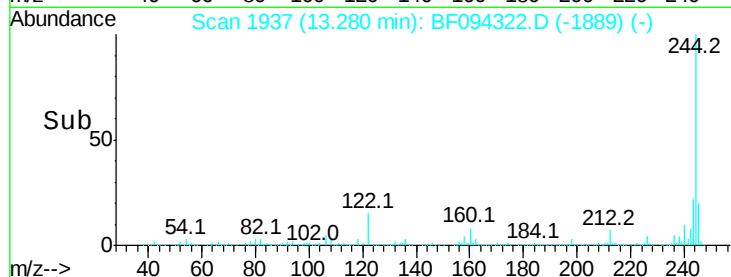
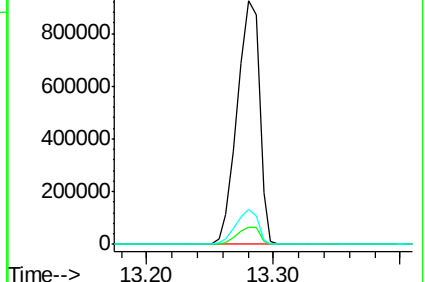
122 14.5 10.3 15.5



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: 16.17 min Scan# 2429

Delta R.T. -0.02 min

Lab File: BF094322.D

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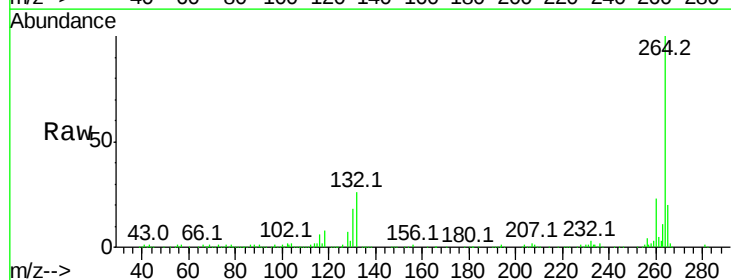
Tgt Ion:264 Resp: 267814

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 20.3 17.2 25.8



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

