

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094296.D
 Acq On : 8 Apr 2017 3:27
 Operator : SJ/MA
 Sample : I2589-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040517-PRRT-E-D-M

Quant Time: Apr 08 04:52:40 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

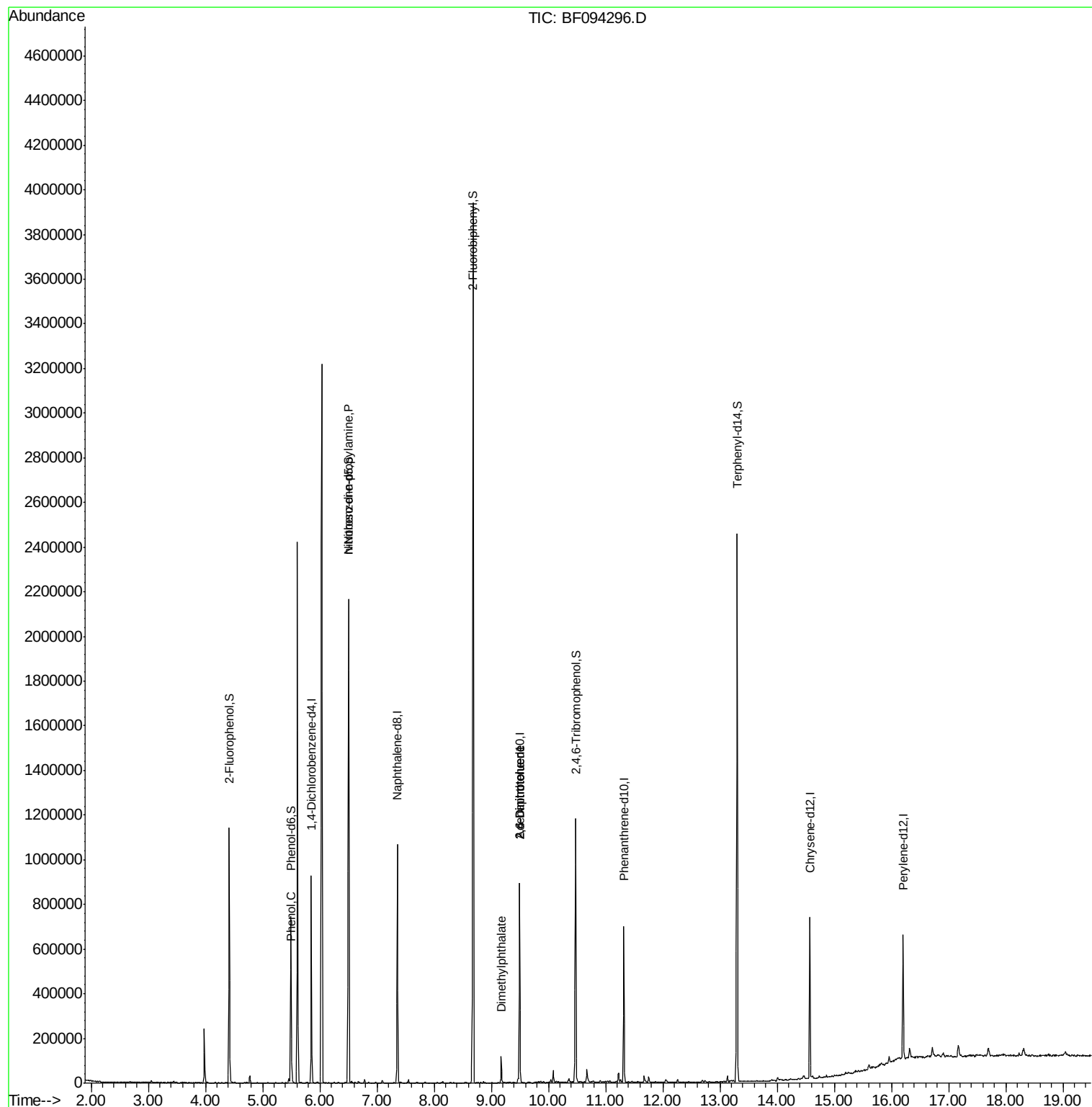
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	142446	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	528712	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	201969	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	287220	20.00	ng	0.00
75) Chrysene-d12	14.57	240	277348	20.00	ng	0.00
86) Perylene-d12	16.20	264	222000	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	358743	42.54	ng	0.03
7) Phenol-d6	5.49	99	261390	25.05	ng	0.03
23) Nitrobenzene-d5	6.50	82	894530	96.55	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	141386	88.59	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1470272	111.03	ng	0.00
78) Terphenyl-d14	13.30	244	888204	71.78	ng	0.00
Target Compounds						
10) Phenol	5.50	94	24782	2.09	ng	96
19) n-Nitroso-di-n-propylamine	6.50	70	118712	17.70	ng	# 77
49) Dimethylphthalate	9.17	163	48440	3.37	ng	97
50) 2,6-Dinitrotoluene	9.49	165	25586	7.77	ng	# 34
56) 2,4-Dinitrotoluene	9.49	165	25586	6.19	ng	# 34

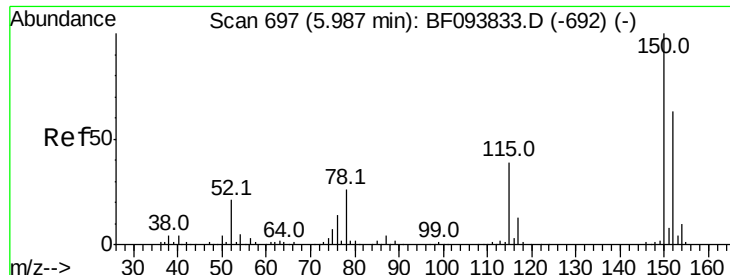
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : SJ/MA
Sample : I2589-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
040517-PRRT-E-D-M

Quant Time: Apr 08 04:52:40 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



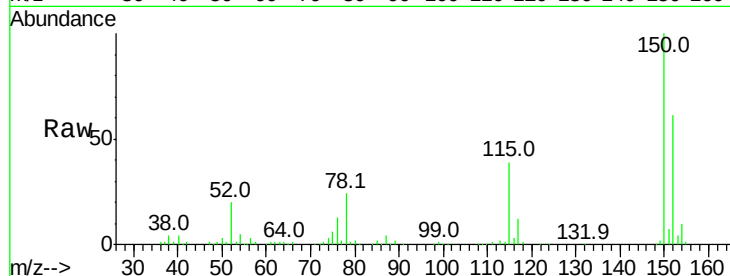


#1

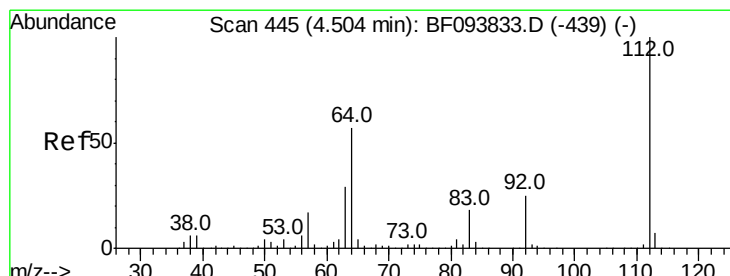
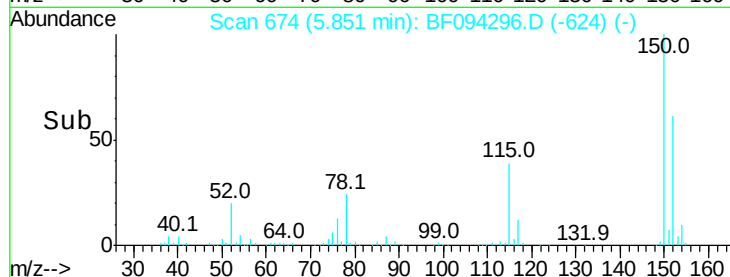
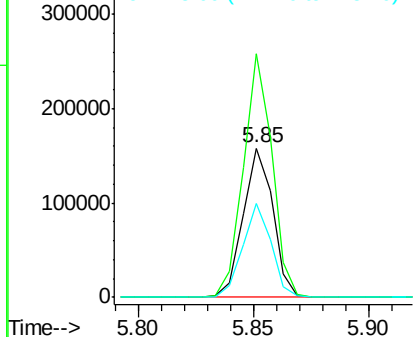
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.85 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF094296.D
 Acq: 8 Apr 2017 3:27

Instrument :
 BNA_F
 ClientSampleId :
 040517-PRRT-E-D-M

Tot Ion:152 Resp: 142446
 Ion Ratio Lower Upper
 152 100
 150 162.9 126.2 189.2
 115 62.9 52.2 78.2



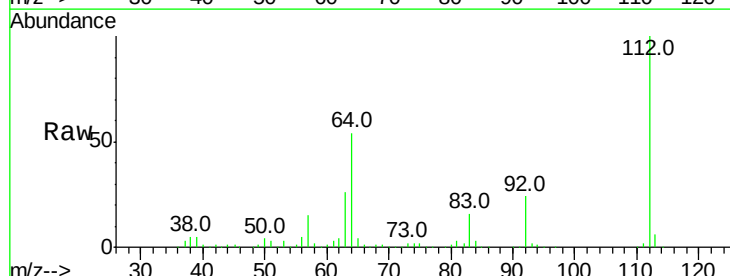
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



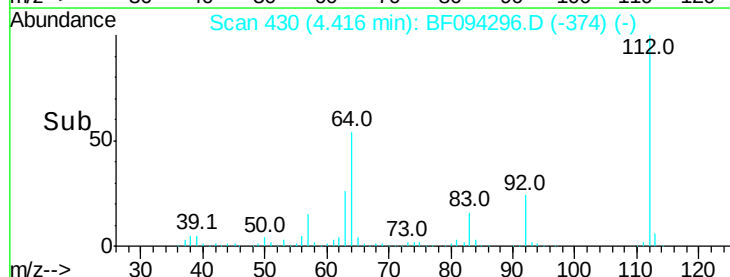
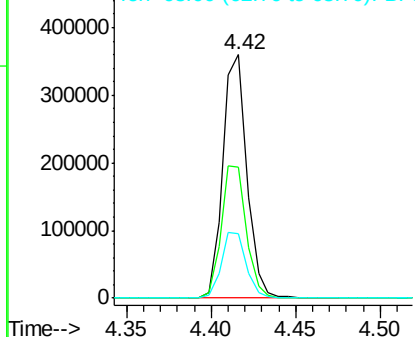
#5

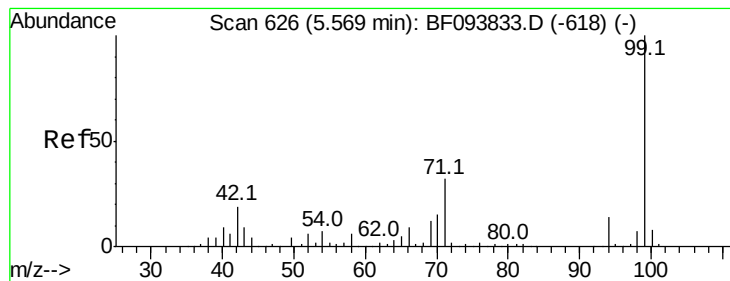
2-Fluorophenol
 Concen: 42.54 ng
 RT: 4.42 min Scan# 430
 Delta R.T. 0.03 min
 Lab File: BF094296.D
 Acq: 8 Apr 2017 3:27

Tgt Ion:112 Resp: 358743
 Ion Ratio Lower Upper
 112 100
 64 53.8 46.0 69.0
 63 26.3 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: 25.05 ng

RT: 5.49 min Scan# 613

Delta R.T. 0.03 min

Lab File: BF094296.D

Acq: 8 Apr 2017 3:27

Instrument :

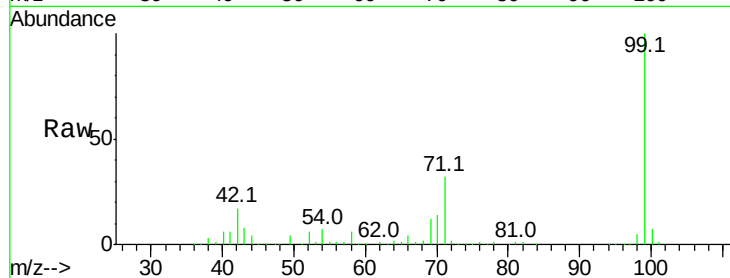
BNA_F

ClientSampleId :

040517-PRRT-E-D-M

Tot Ion: 99 Resp: 261390

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	32.1	24.5	36.7

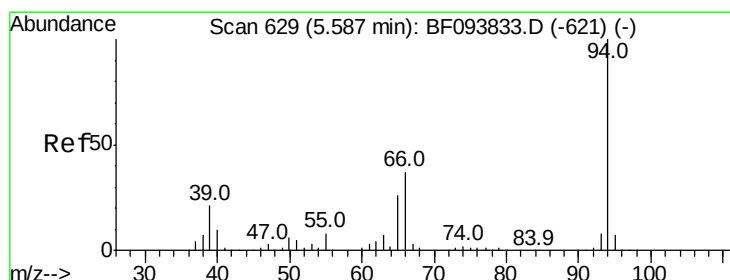
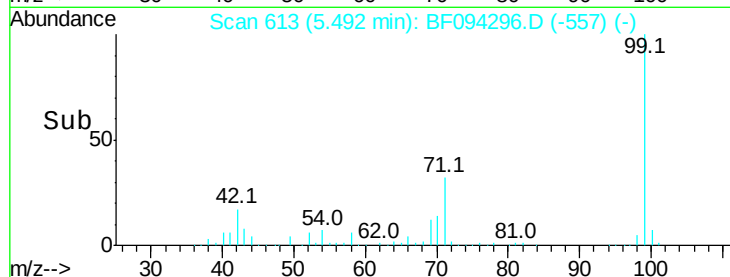
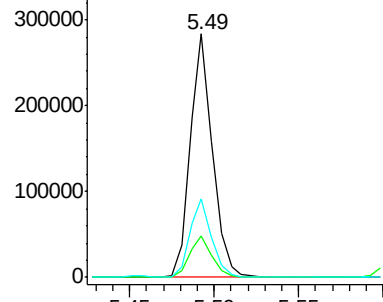


Abundance

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: 2.09 ng

RT: 5.50 min Scan# 615

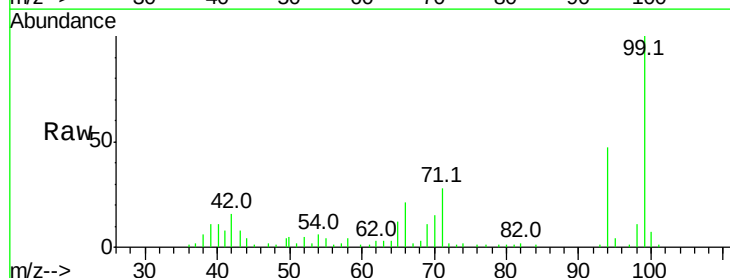
Delta R.T. 0.02 min

Lab File: BF094296.D

Acq: 8 Apr 2017 3:27

Tgt Ion: 94 Resp: 24782

Ion	Ratio	Lower	Upper
94	100		
65	26.2	9.9	49.9
66	44.5	23.1	63.1

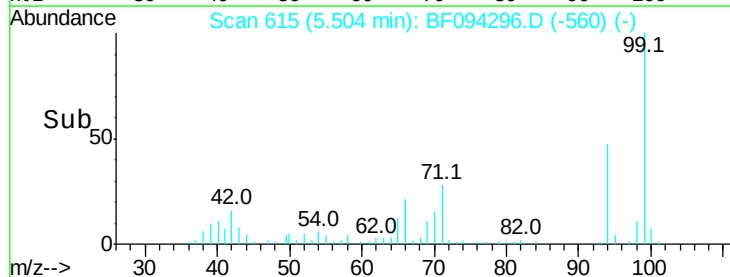
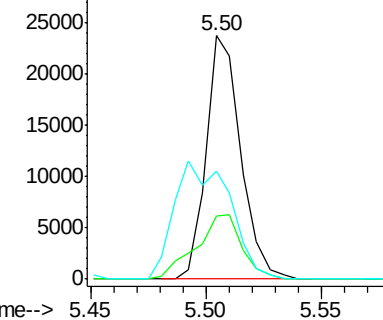


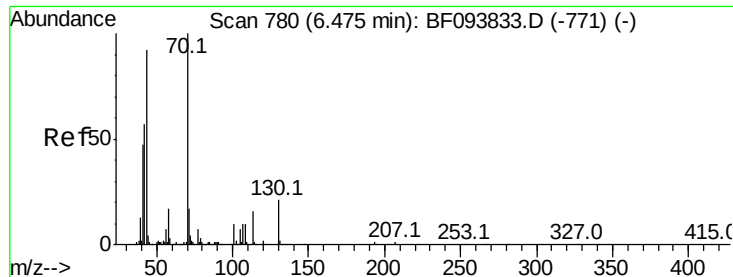
Abundance

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: 17.70 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.16 min

Lab File: BF094296.D

Acq: 8 Apr 2017 3:27

Instrument :

BNA_F

ClientSampleId :

040517-PRRT-E-D-M

Tot Ion: 70 Resp: 118712

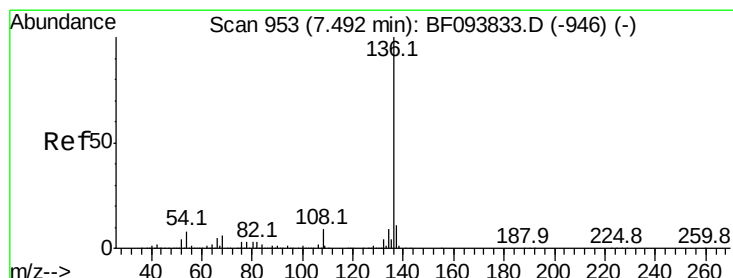
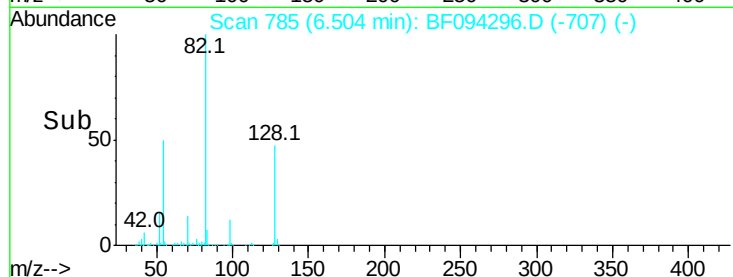
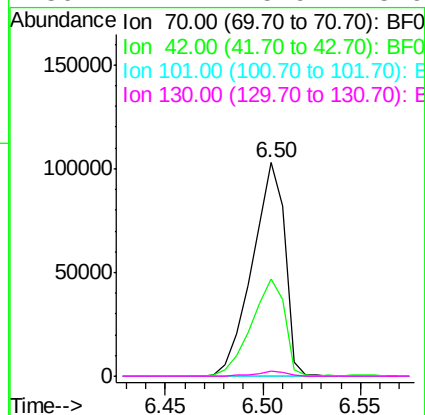
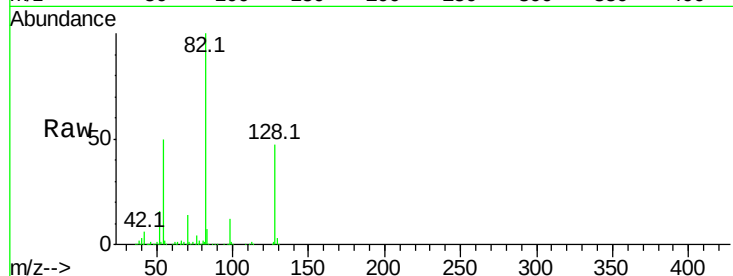
Ion Ratio Lower Upper

70 100

42 45.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094296.D

Acq: 8 Apr 2017 3:27

Tgt Ion: 136 Resp: 528712

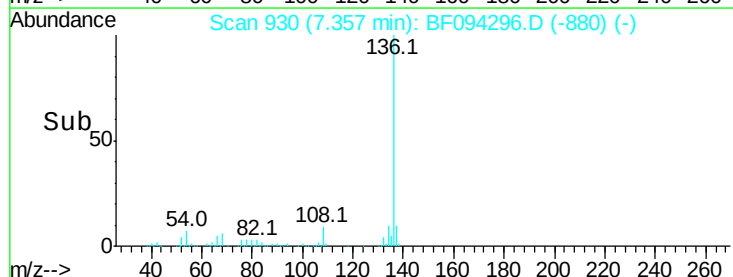
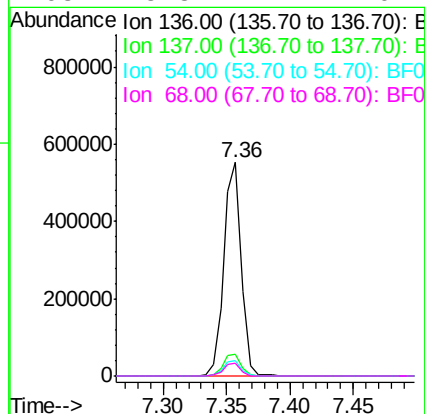
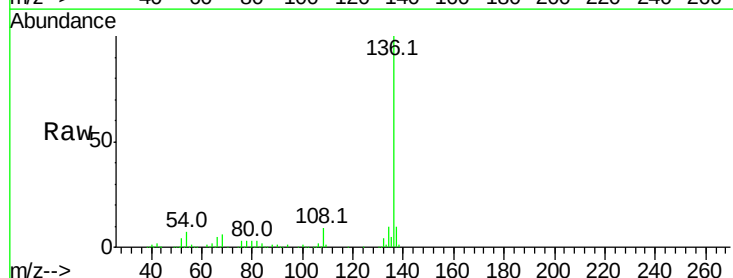
Ion Ratio Lower Upper

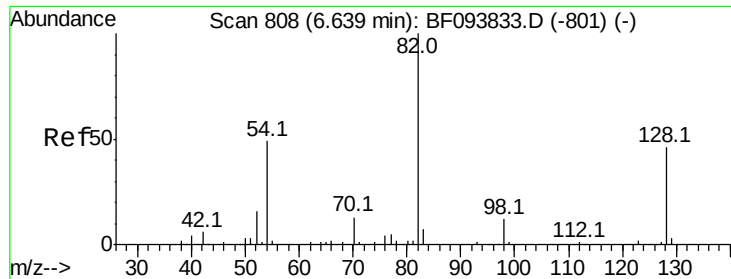
136 100

137 10.4 8.5 12.7

54 7.2 4.9 7.3

68 5.8 4.1 6.1

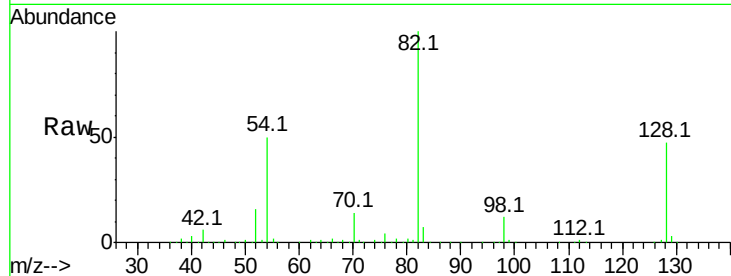




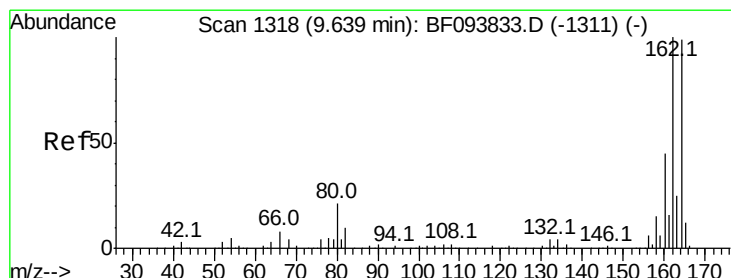
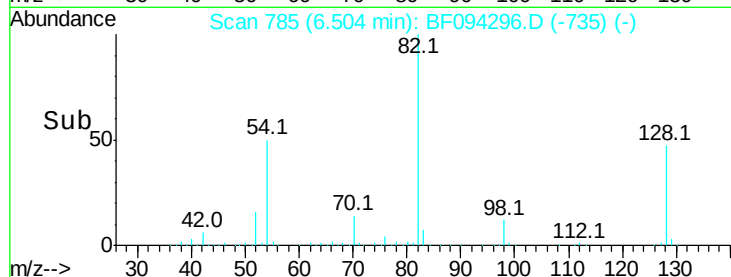
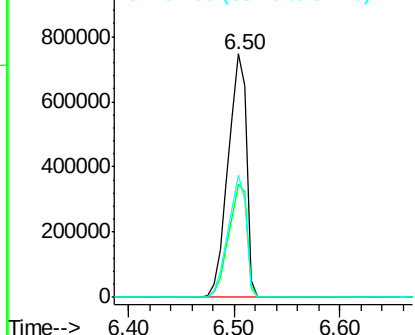
#23
 Nitrobenzene-d5
 Concen: 96.55 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF094296.D
 Acq: 8 Apr 2017 3:27

Instrument :
 BNA_F
 ClientSampleId :
 040517-PRRT-E-D-M

Tot Ion	82	Resp	894530
Ion Ratio	Lower	Upper	
82	100		
128	46.5	34.0	51.0
54	50.2	42.2	63.2

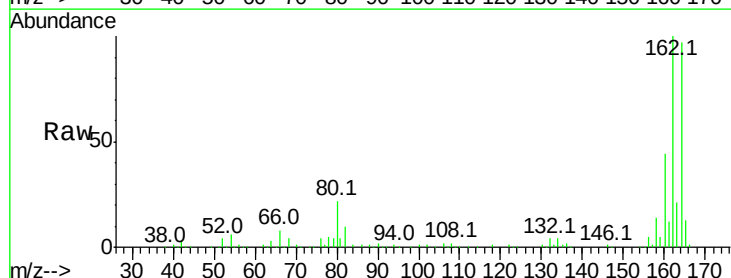


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

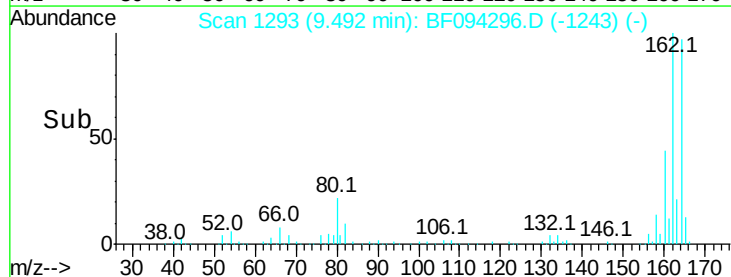
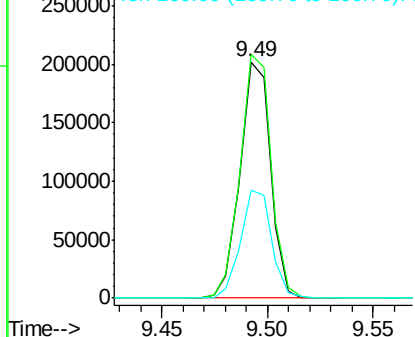


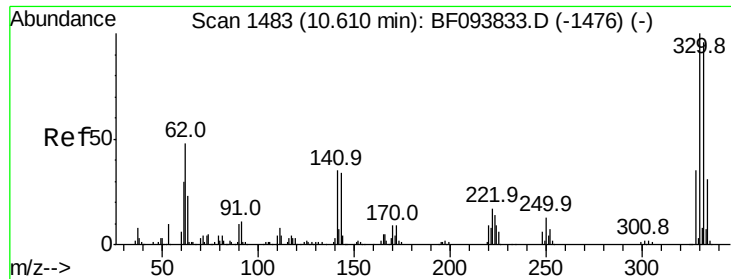
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094296.D
 Acq: 8 Apr 2017 3:27

Tgt Ion	164	Resp	201969
Ion Ratio	Lower	Upper	
164	100		
162	103.0	82.6	123.8
160	45.7	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

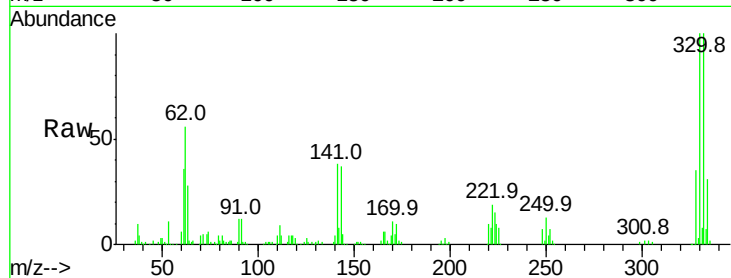




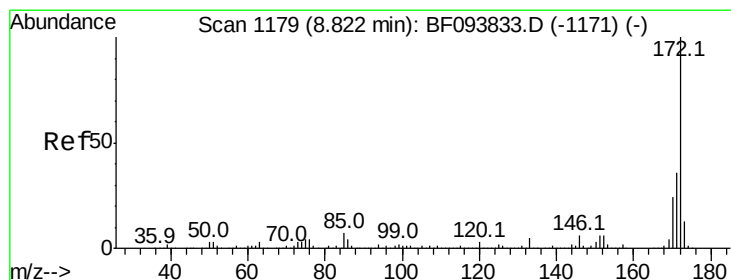
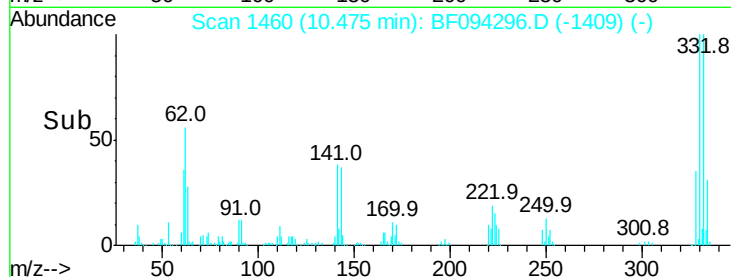
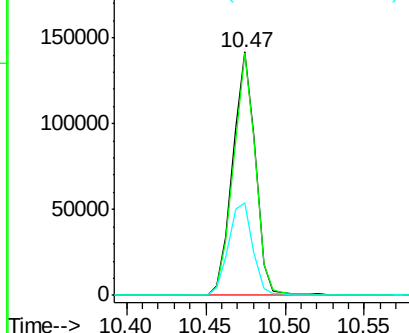
#41
 2,4,6-Tribromophenol
 Concen: 88.59 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF094296.D
 Acq: 8 Apr 2017 3:27

Instrument :
 BNA_F
 ClientSampleId :
 040517-PRRT-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	40.9	31.4	47.2

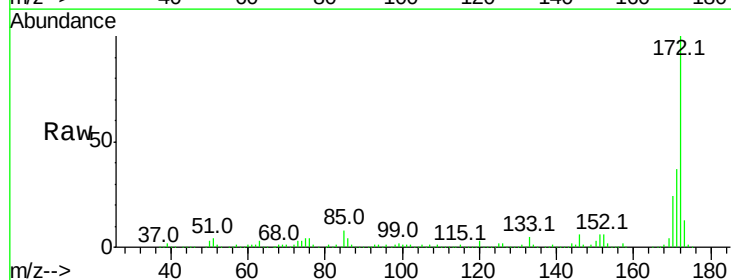


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

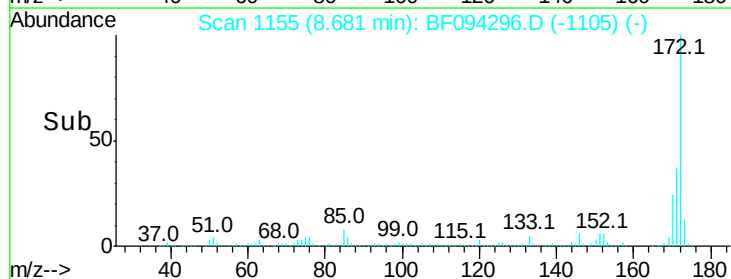
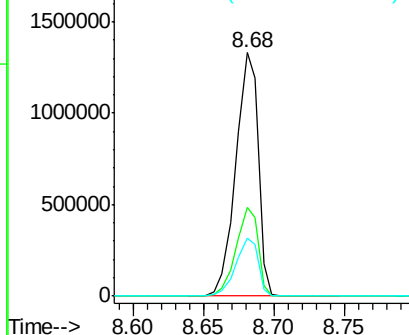


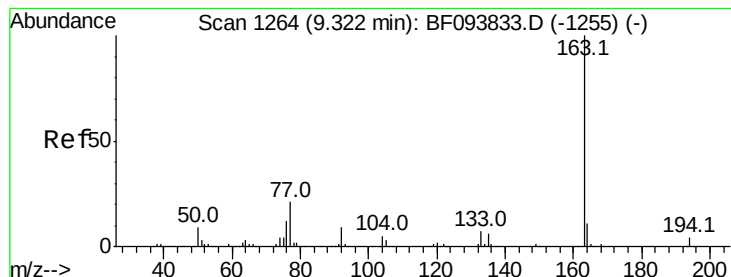
#44
 2-Fluorobiphenyl
 Concen: 111.03 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094296.D
 Acq: 8 Apr 2017 3:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.9	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: 3.37 ng

RT: 9.17 min Scan# 1239

Delta R.T. -0.02 min

Lab File: BF094296.D

Acq: 8 Apr 2017 3:27

Instrument :

BNA_F

ClientSampleId :

040517-PRRT-E-D-M

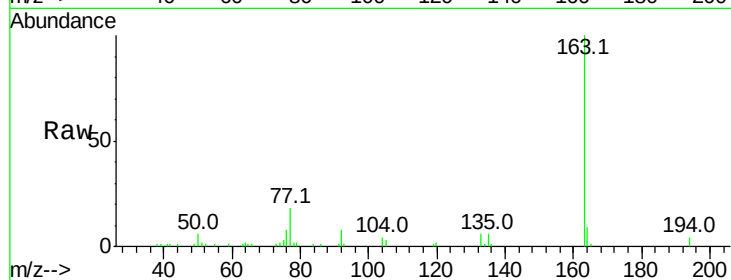
Tot Ion:163 Resp: 48440

Ion Ratio Lower Upper

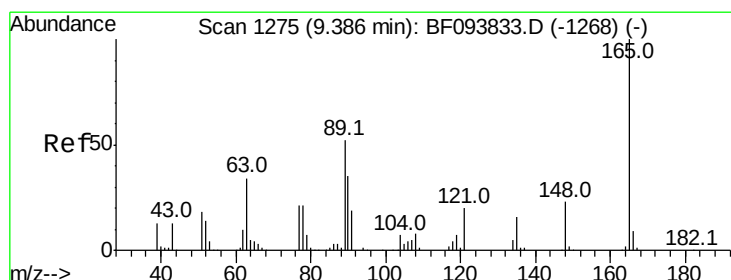
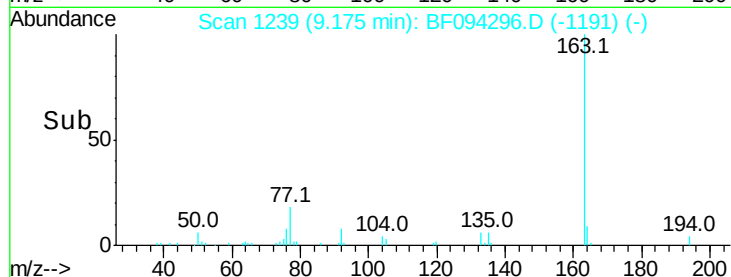
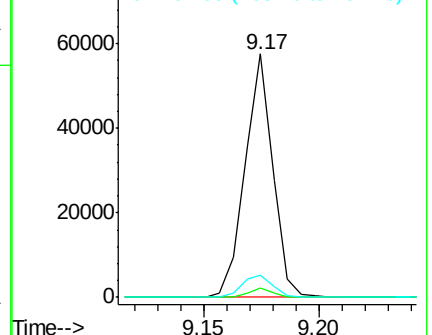
163 100

194 3.8 2.6 4.0

164 9.1 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: 7.77 ng

RT: 9.49 min Scan# 1293

Delta R.T. 0.24 min

Lab File: BF094296.D

Acq: 8 Apr 2017 3:27

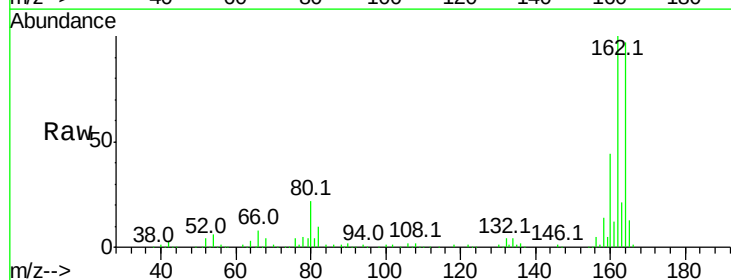
Tgt Ion:165 Resp: 25586

Ion Ratio Lower Upper

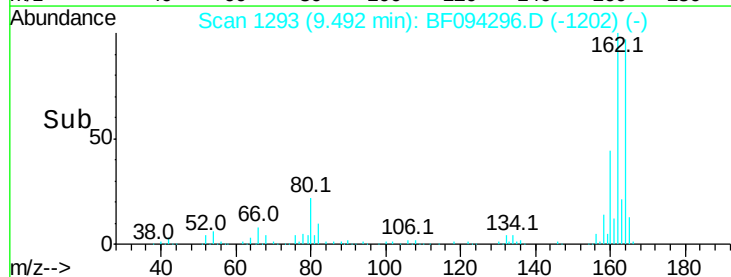
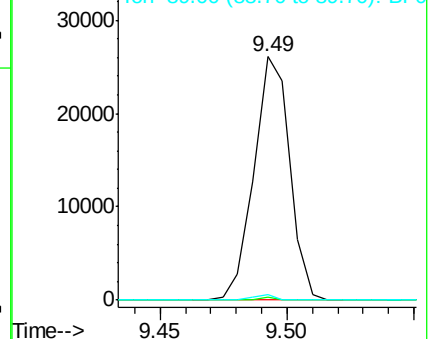
165 100

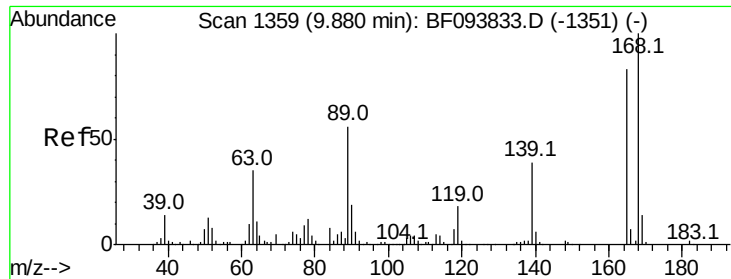
63 1.4 34.3 51.5#

89 2.5 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

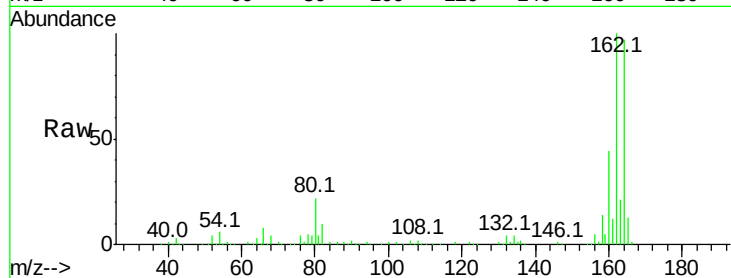




#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.26 min
 Lab File: BF094296.D
 Acq: 8 Apr 2017 3:27

Instrument :
 BNA_F
 ClientSampleId :
 040517-PRRT-E-D-M

Tot Ion:	165	Resp:	25586
Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	2.5	46.4	69.6#
182	0.0	1.8	2.6#

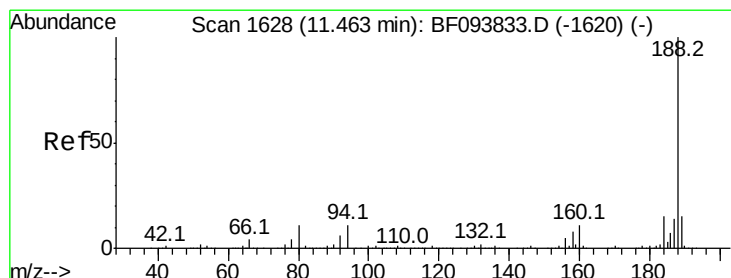
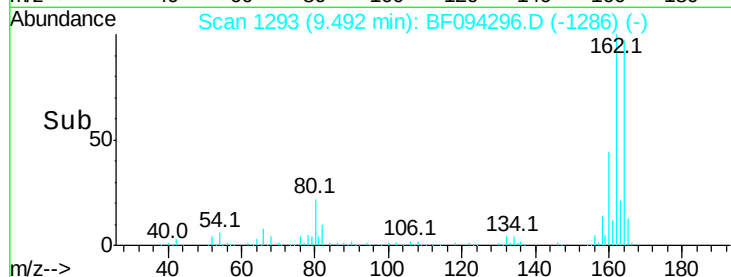
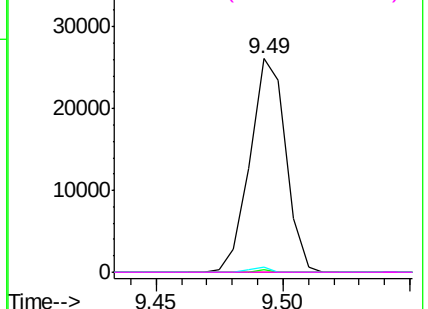


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

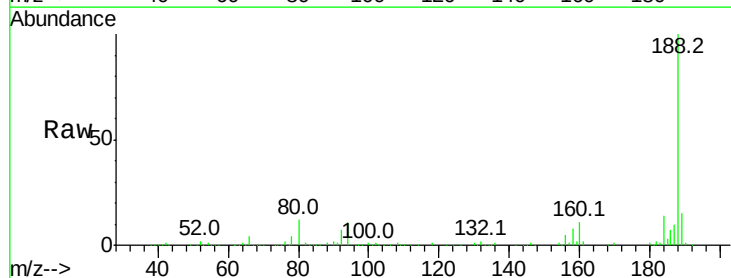
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF094296.D
 Acq: 8 Apr 2017 3:27

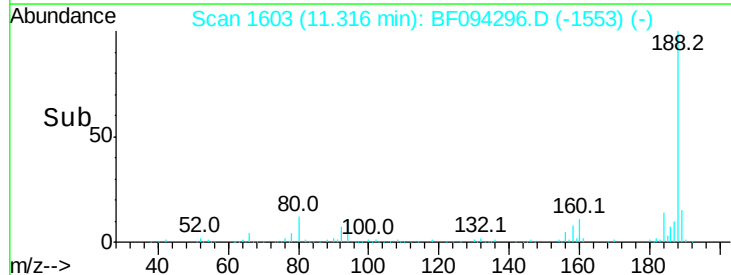
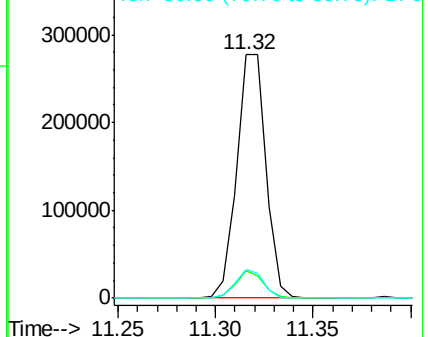
Tgt Ion:	188	Resp:	287220
Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.9	10.2	15.2

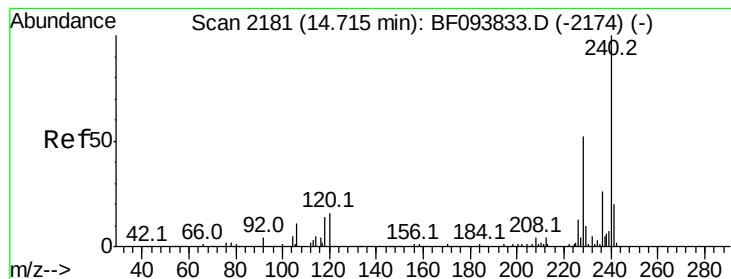


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.57 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BF094296.D

Acq: 8 Apr 2017 3:27

Instrument :

BNA_F

ClientSampleId :

040517-PRRT-E-D-M

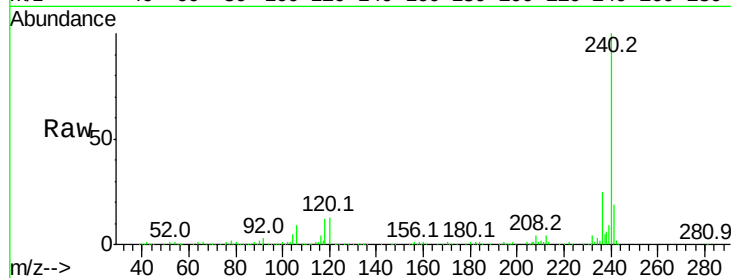
Tot Ion:240 Resp: 277348

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

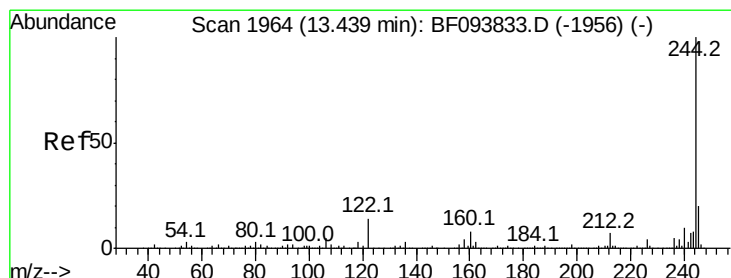
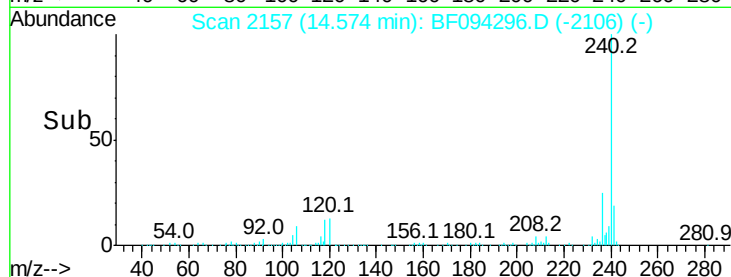
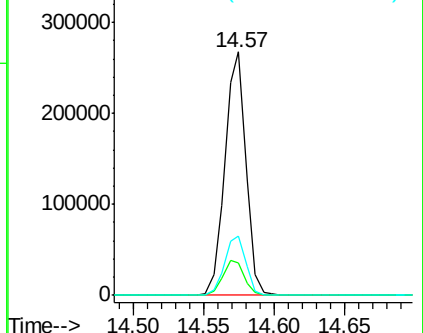
236 24.6 20.5 30.7



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: 71.78 ng

RT: 13.30 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BF094296.D

Acq: 8 Apr 2017 3:27

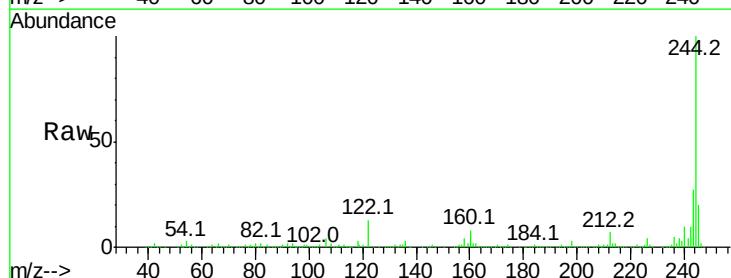
Tgt Ion:244 Resp: 888204

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

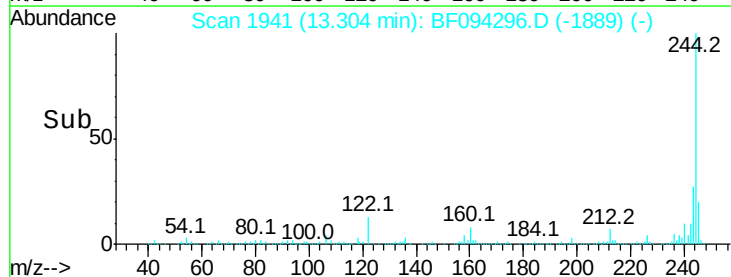
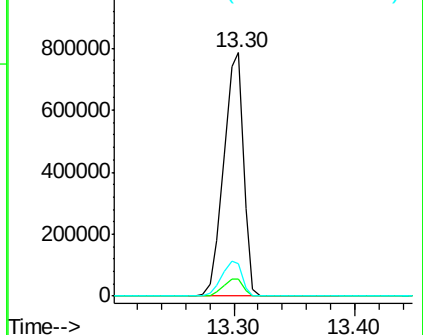
122 13.4 10.3 15.5

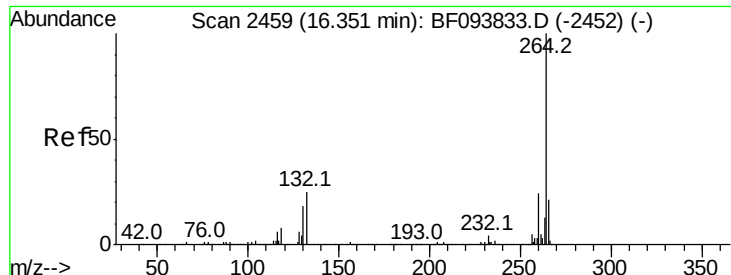


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BF094296.D
Acq: 8 Apr 2017 3:27

Instrument :
BNA_F
ClientSampleId :
040517-PRRT-E-D-M

Tot Ion:264 Resp: 222000
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 21.5 17.2 25.8

