

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093916.D
 Acq On : 24 Mar 2017 19:46
 Operator : SJ/MA
 Sample : I2394-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP3

Quant Time: Mar 24 23:05:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

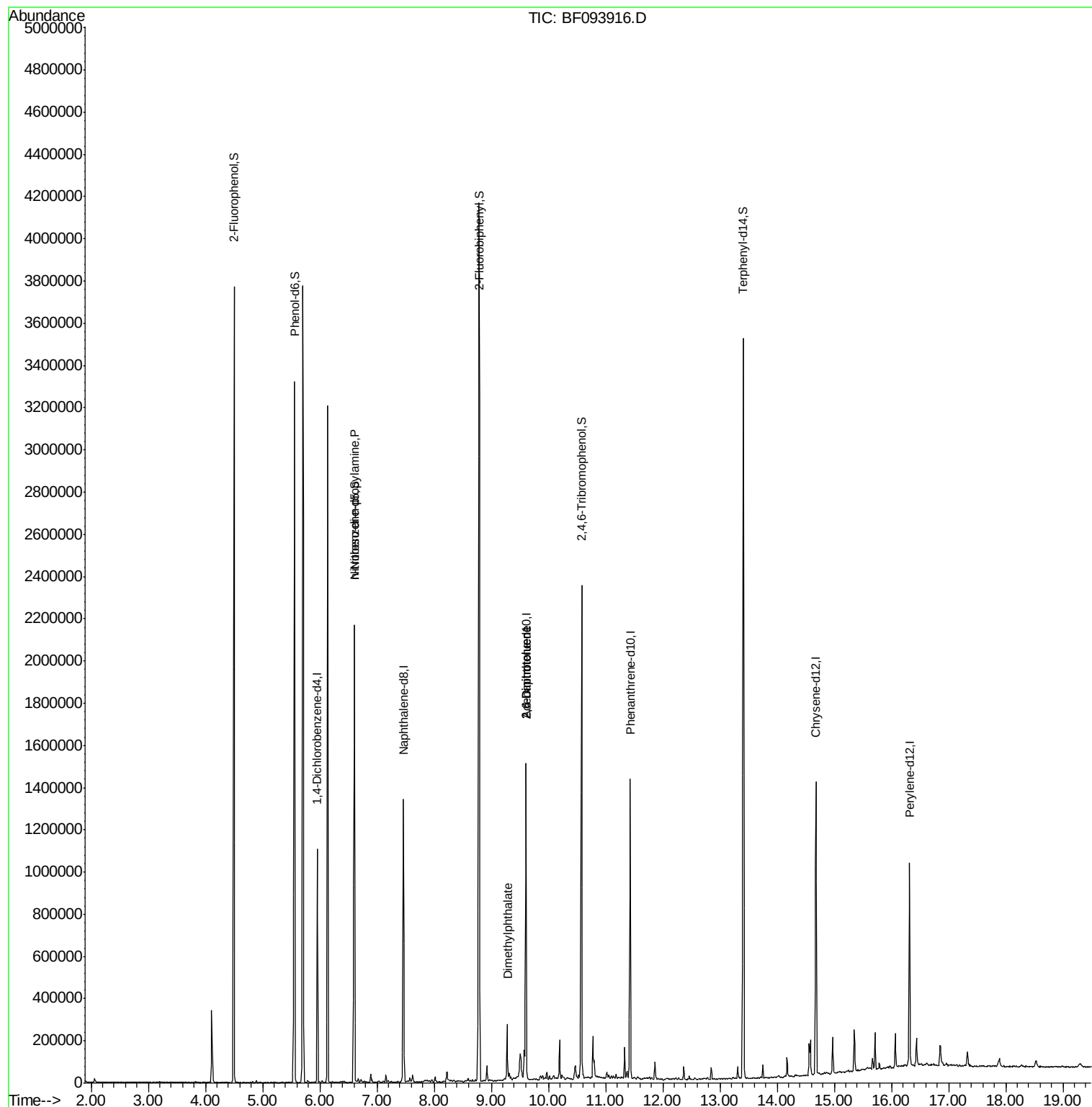
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	168443	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	687485	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	315786	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	574352	20.00	ng	-0.04
75) Chrysene-d12	14.68	240	510636	20.00	ng	-0.04
86) Perylene-d12	16.32	264	388143	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1166297	116.95	ng	0.00
7) Phenol-d6	5.56	99	1511866	122.54	ng	-0.01
23) Nitrobenzene-d5	6.60	82	915792	76.02	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	326233	130.73	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	1658666	80.11	ng	-0.04
78) Terphenyl-d14	13.41	244	1420841	62.37	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.60	70	124102	15.65	ng	# 78
49) Dimethylphthalate	9.28	163	114226	5.09	ng	99
50) 2,6-Dinitrotoluene	9.60	165	40684	7.91	ng	# 34
56) 2,4-Dinitrotoluene	9.60	165	40685	6.29	ng	# 33

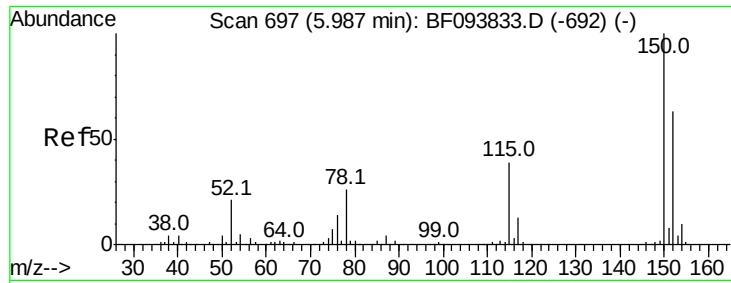
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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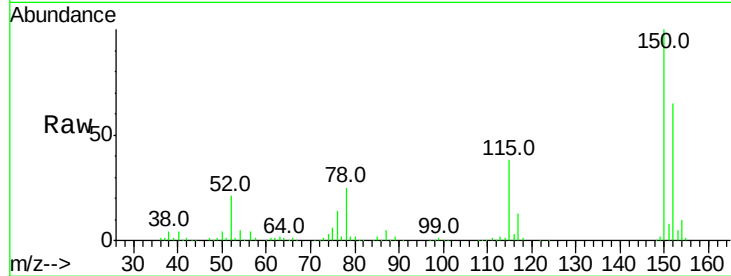


#1

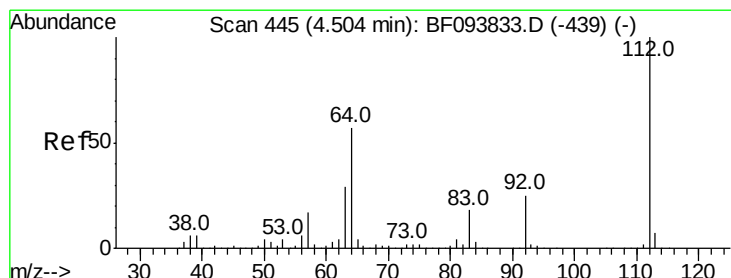
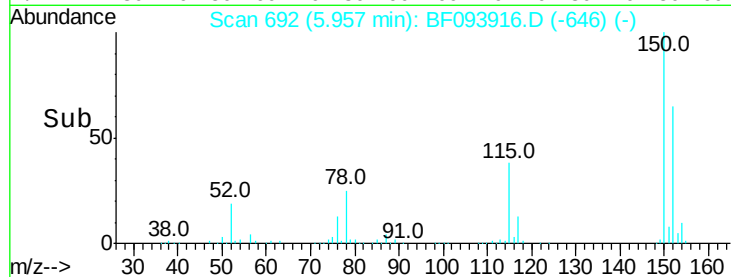
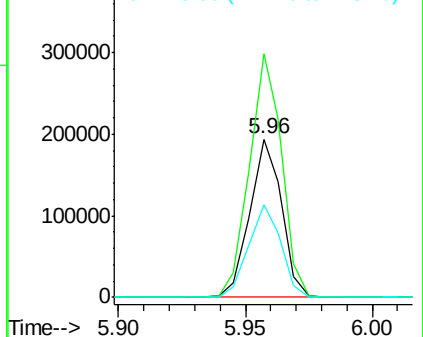
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093916.D
Acq: 24 Mar 2017 19:46

Instrument :
BNA_F
ClientSampleId :
COMP3

Tot Ion:152 Resp: 168443
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 59.0 52.2 78.2



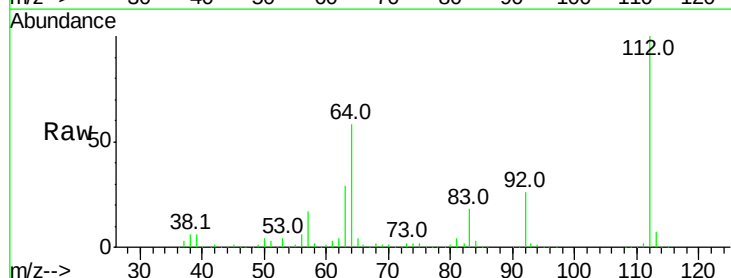
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



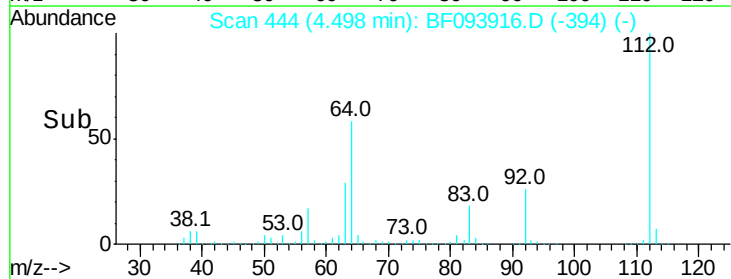
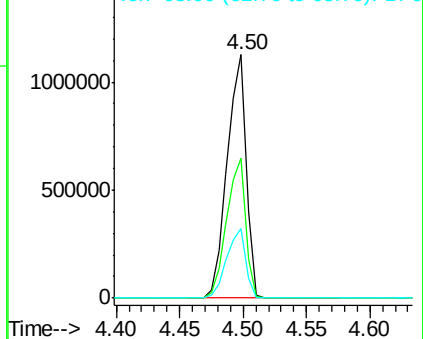
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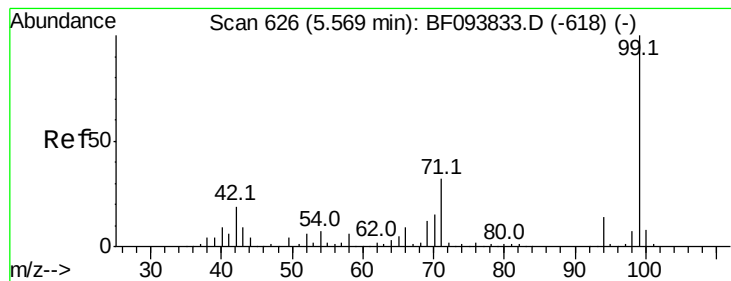
2-Fluorophenol
Concen: 116.95 ng
RT: 4.50 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF093916.D
Acq: 24 Mar 2017 19:46

Tgt Ion:112 Resp: 1166297
Ion Ratio Lower Upper
112 100
64 57.5 46.0 69.0
63 28.7 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: 122.54 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093916.D

Acq: 24 Mar 2017 19:46

Instrument :

BNA_F

ClientSampleId :

COMP3

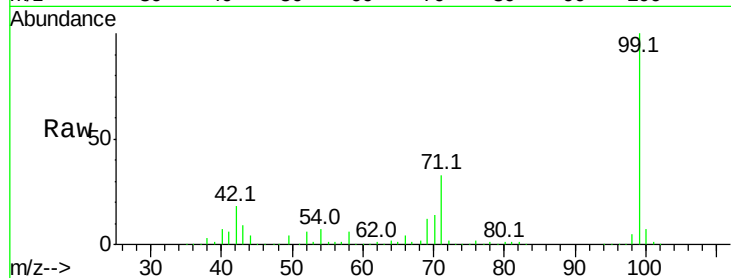
Tot Ion: 99 Resp: 1511866

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

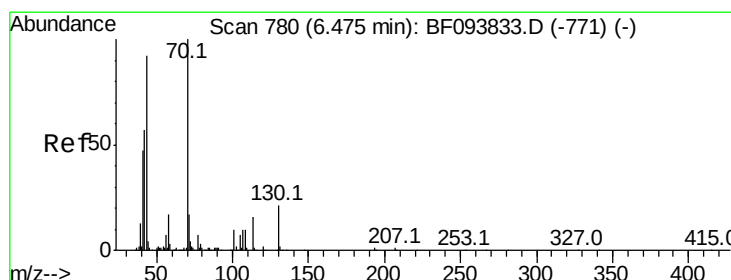
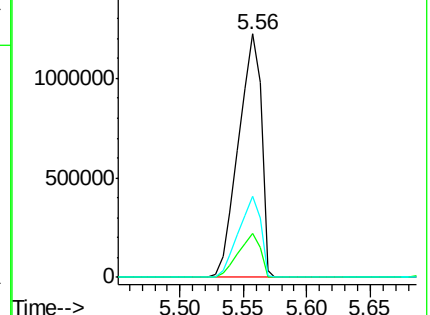
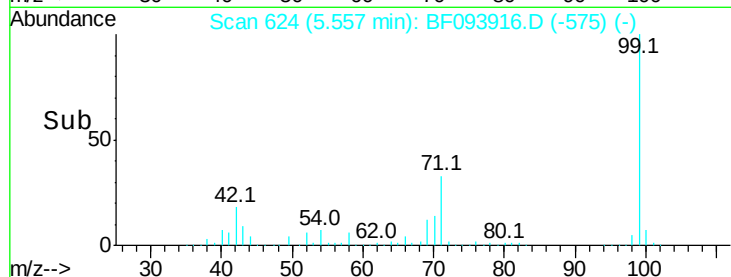
71 33.2 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.65 ng

RT: 6.60 min Scan# 802

Delta R.T. 0.13 min

Lab File: BF093916.D

Acq: 24 Mar 2017 19:46

Tgt Ion: 70 Resp: 124102

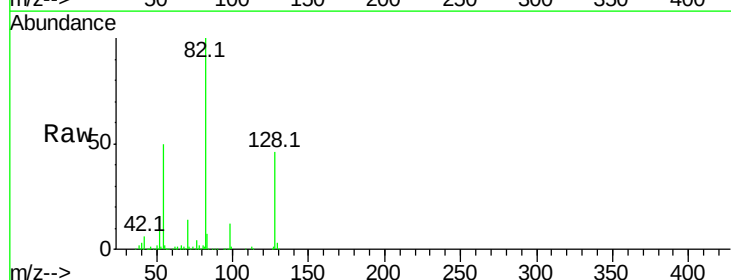
Ion Ratio Lower Upper

70 100

42 46.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

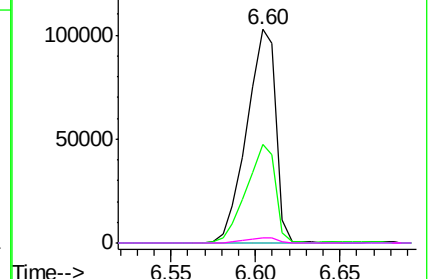
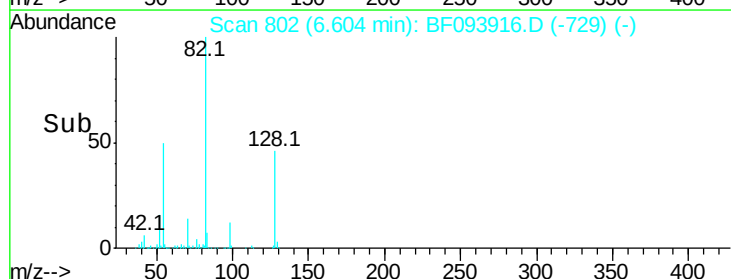


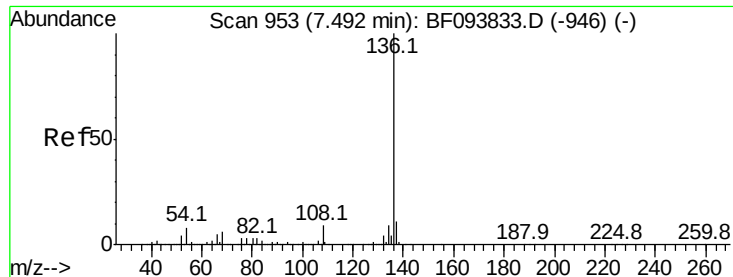
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

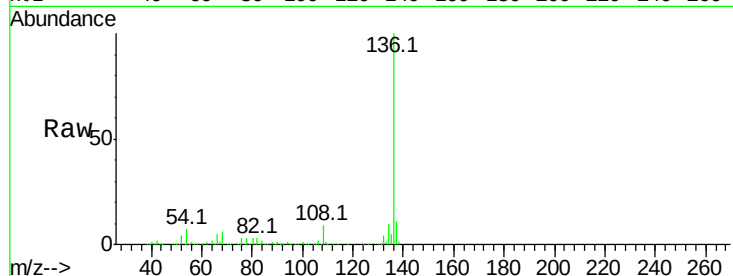




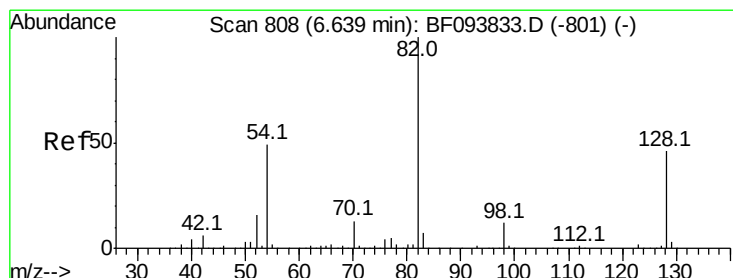
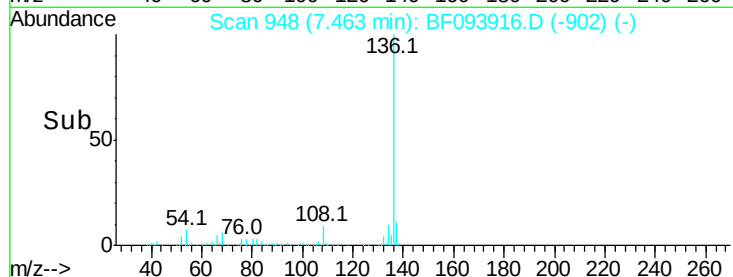
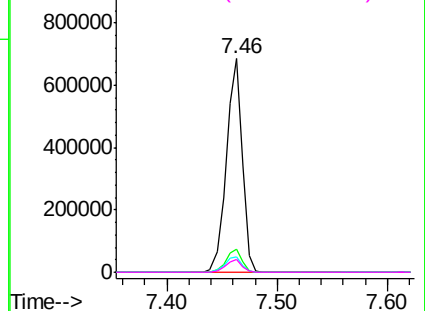
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF093916.D
Acq: 24 Mar 2017 19:46

Instrument :
BNA_F
ClientSampleId :
COMP3

Tot Ion:	136	Resp:	687485
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.5	4.9	7.3#
68	5.8	4.1	6.1

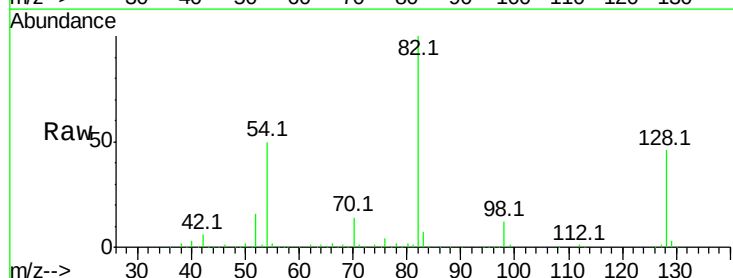


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

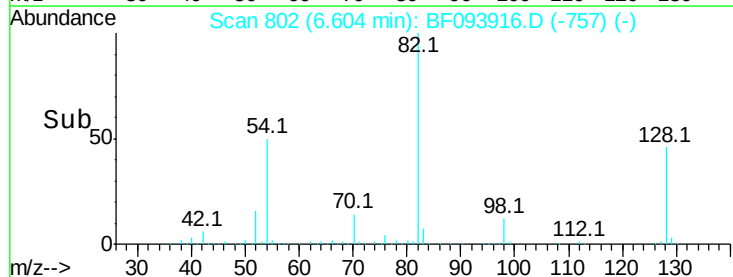
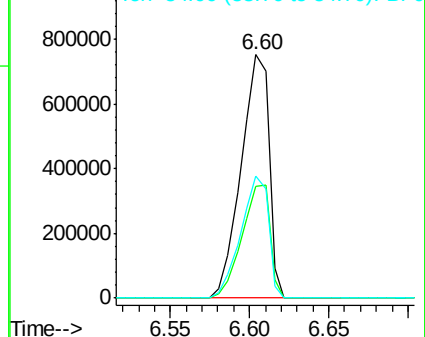


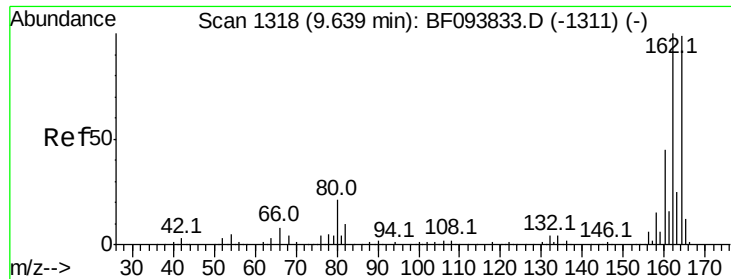
#23
Nitrobenzene-d5
Concen: 76.02 ng
RT: 6.60 min Scan# 802
Delta R.T. -0.04 min
Lab File: BF093916.D
Acq: 24 Mar 2017 19:46

Tgt Ion:	82	Resp:	915792
Ion	Ratio	Lower	Upper
82	100		
128	45.8	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

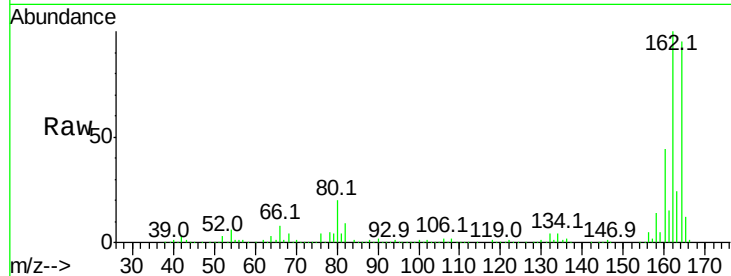




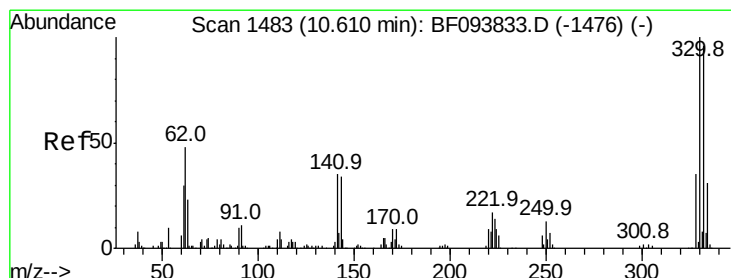
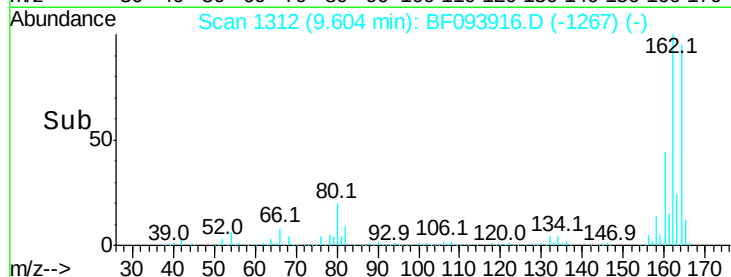
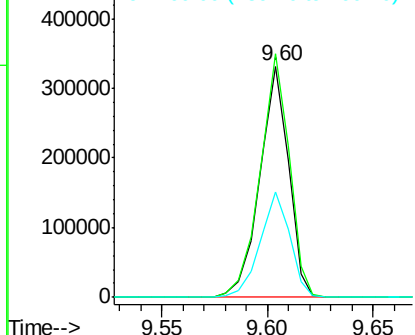
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.04 min
 Lab File: BF093916.D
 Acq: 24 Mar 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP3

Tot Ion:164 Resp: 315786
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 45.8 36.2 54.2

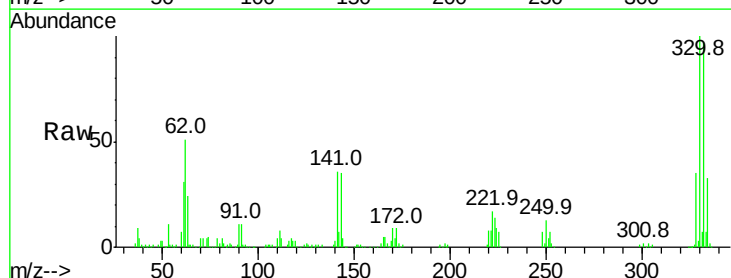


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

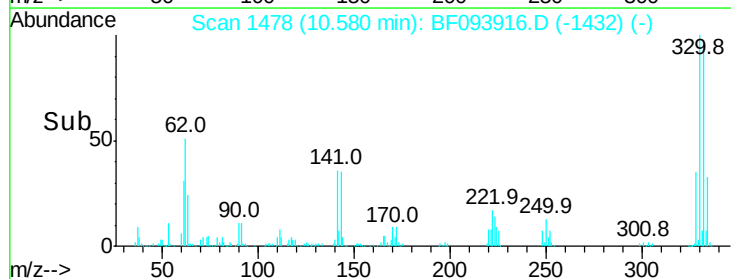
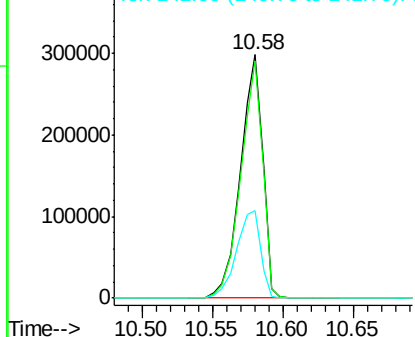


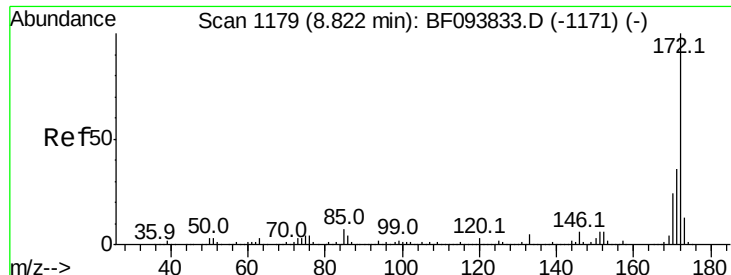
#41
 2,4,6-Tribromophenol
 Concen: 130.73 ng
 RT: 10.58 min Scan# 1478
 Delta R.T. -0.03 min
 Lab File: BF093916.D
 Acq: 24 Mar 2017 19:46

Tgt Ion:330 Resp: 326233
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 39.2 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

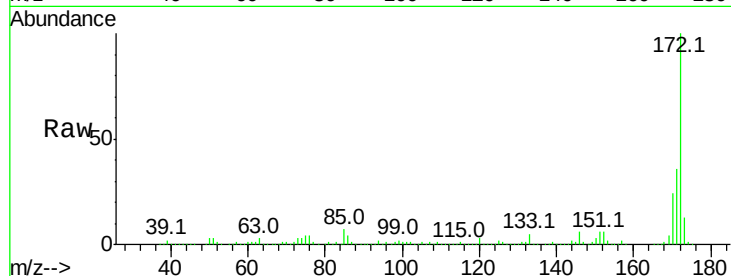




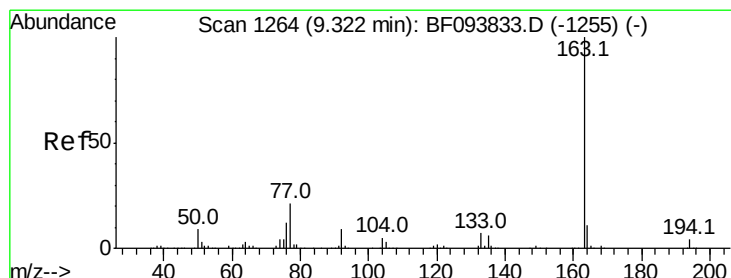
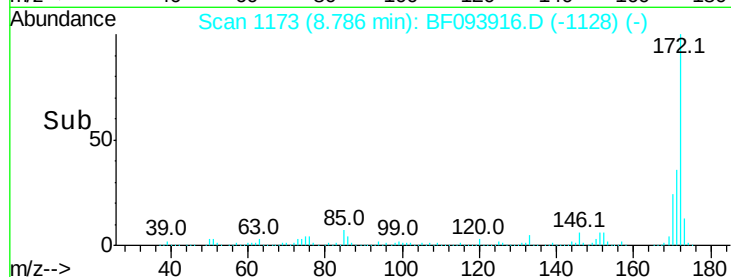
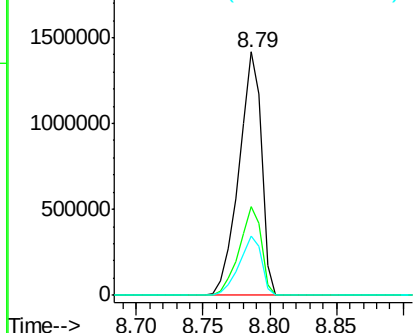
#44
2-Fluorobiphenyl
Concen: 80.11 ng
RT: 8.79 min Scan# 1173
Delta R.T. -0.04 min
Lab File: BF093916.D
Acq: 24 Mar 2017 19:46

Instrument :
BNA_F
ClientSampleId :
COMP3

Tot Ion:172 Resp: 1658666
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.3 19.8 29.8

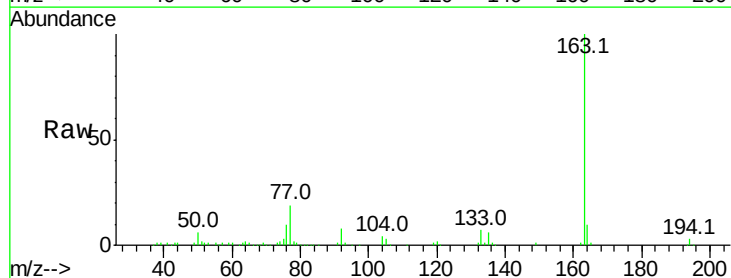


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

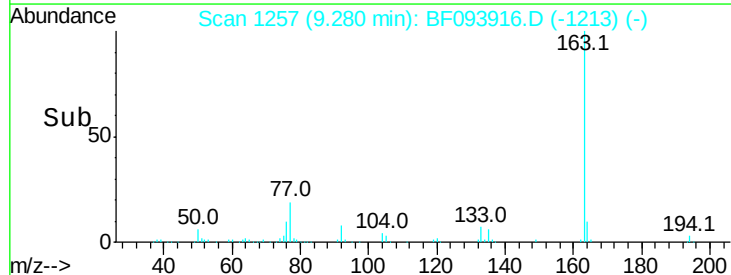
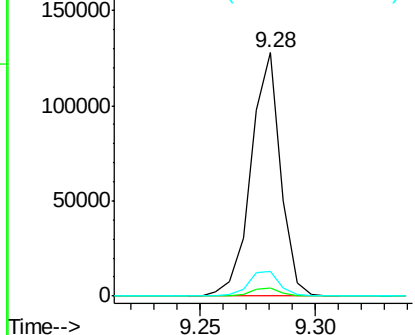


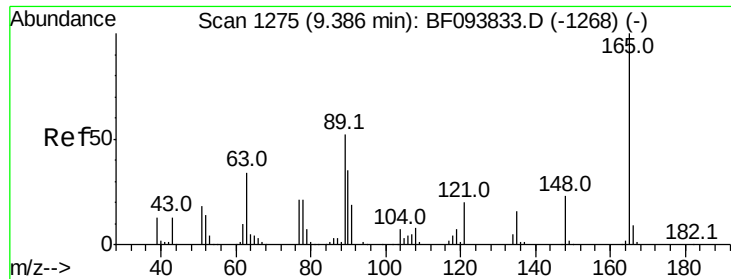
#49
Dimethylphthalate
Concen: 5.09 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF093916.D
Acq: 24 Mar 2017 19:46

Tgt Ion:163 Resp: 114226
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.0 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

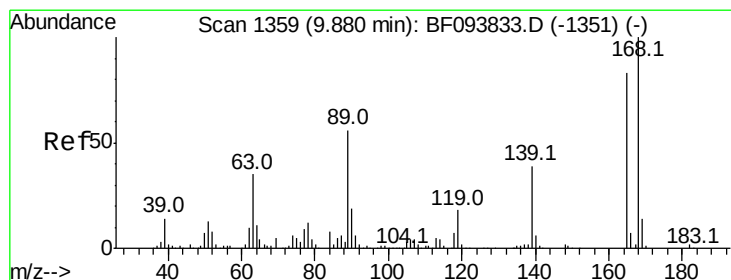
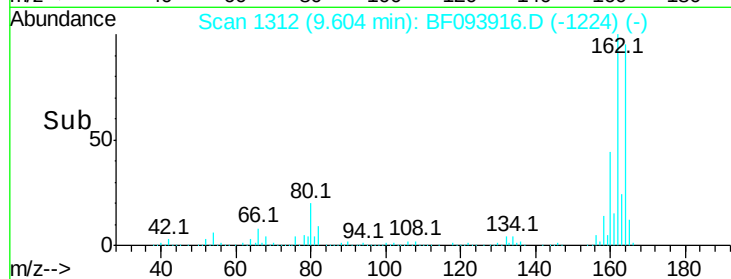
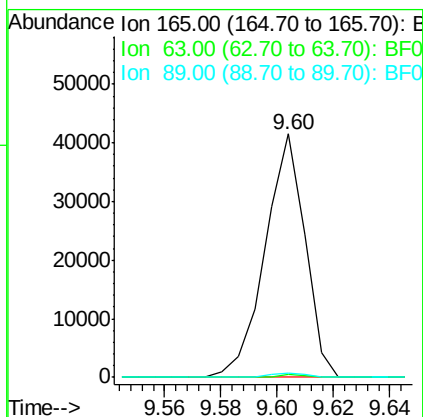
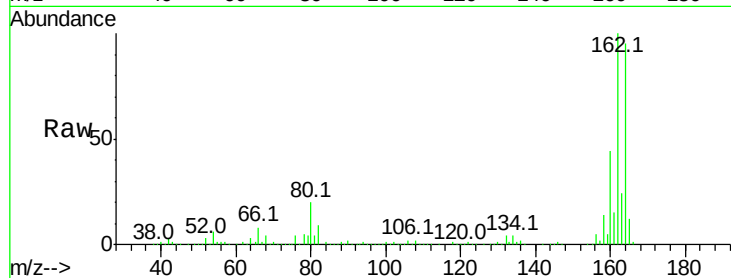




#50
 2,6-Dinitrotoluene
 Concen: 7.91 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. 0.22 min
 Lab File: BF093916.D
 Acq: 24 Mar 2017 19:46

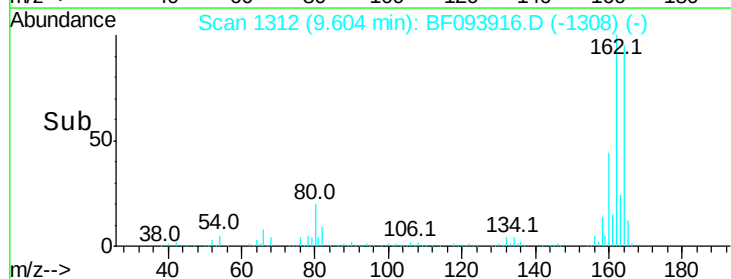
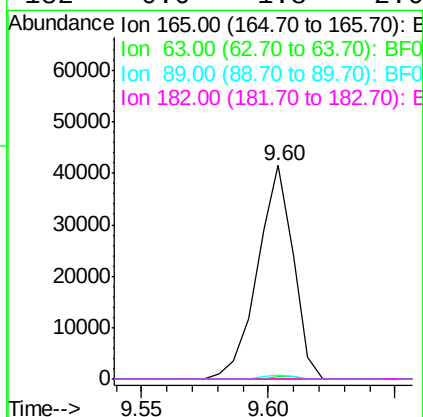
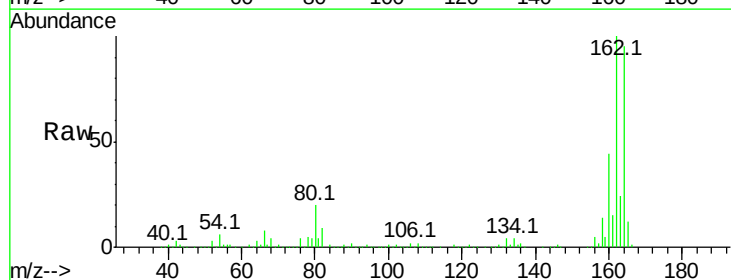
Instrument :
 BNA_F
 ClientSampled :
 COMP3

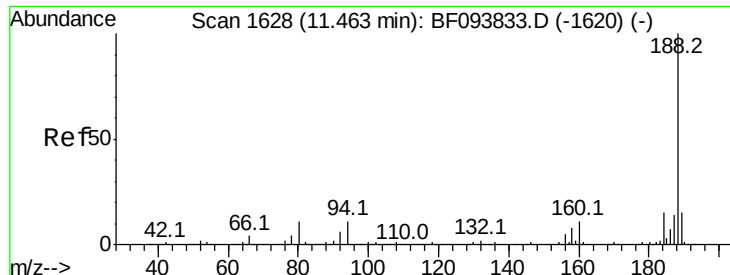
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.7	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.28 min
 Lab File: BF093916.D
 Acq: 24 Mar 2017 19:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 1622

Delta R.T. -0.04 min

Lab File: BF093916.D

Acq: 24 Mar 2017 19:46

Instrument :

BNA_F

ClientSampleId :

COMP3

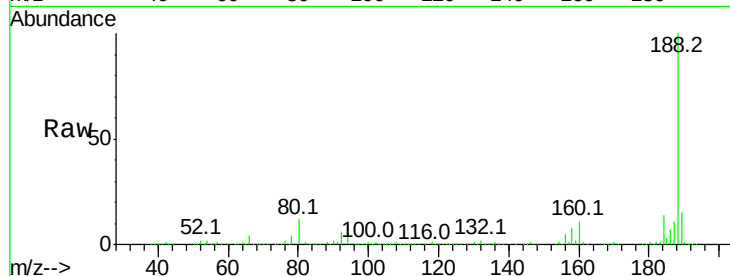
Tot Ion:188 Resp: 574352

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

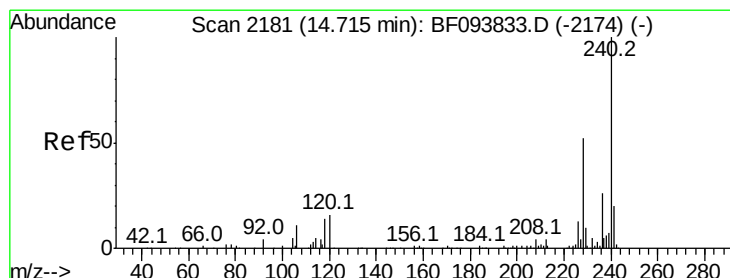
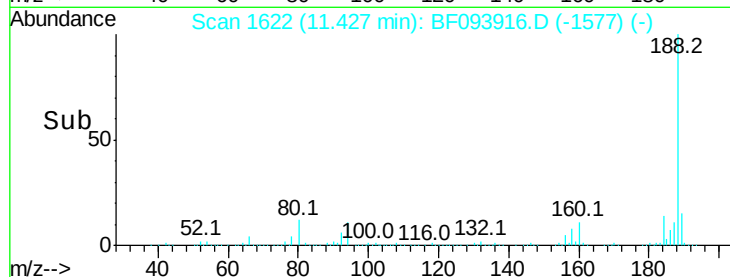
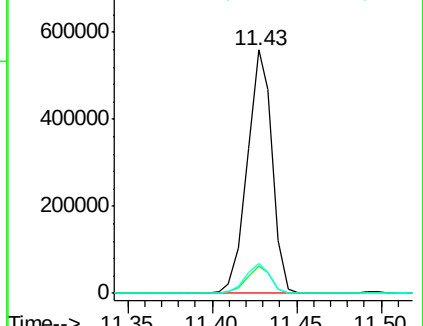
80 12.5 10.2 15.2



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: 14.68 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF093916.D

Acq: 24 Mar 2017 19:46

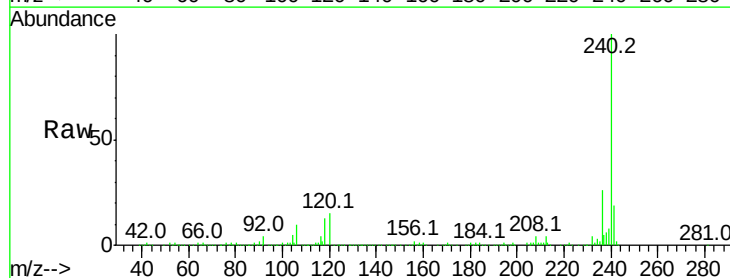
Tgt Ion:240 Resp: 510636

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

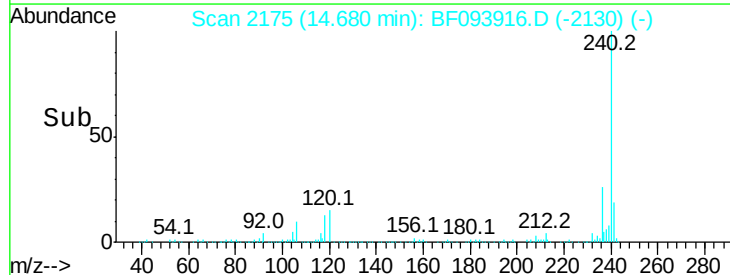
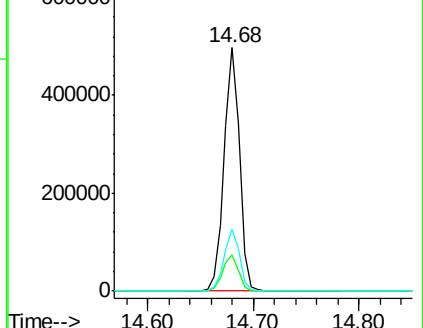
236 25.6 20.5 30.7

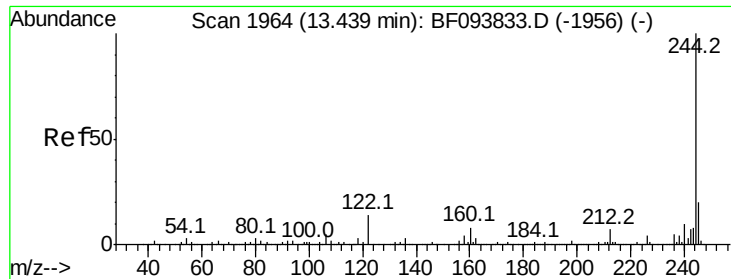


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.37 ng

RT: 13.41 min Scan# 1959

Delta R.T. -0.03 min

Lab File: BF093916.D

Acq: 24 Mar 2017 19:46

Instrument :

BNA_F

ClientSampleId :

COMP3

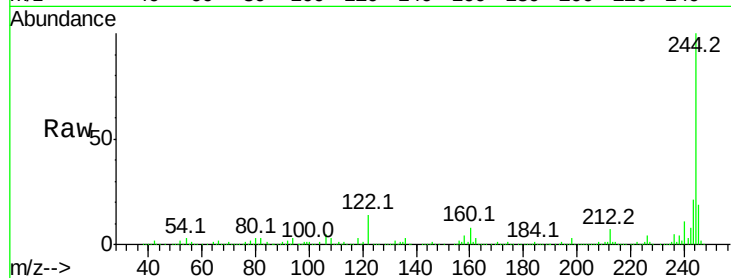
Tot Ion:244 Resp: 1420841

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

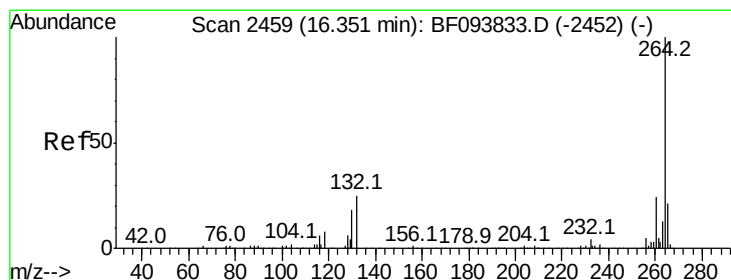
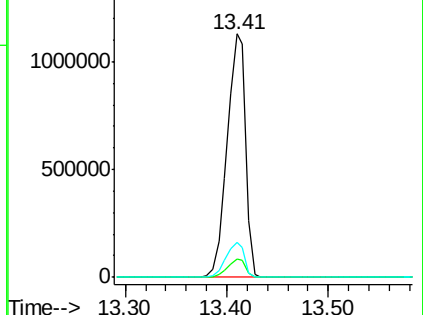
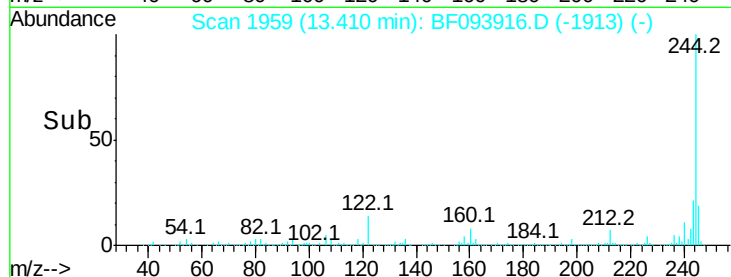
122 14.4 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.32 min Scan# 2453

Delta R.T. -0.04 min

Lab File: BF093916.D

Acq: 24 Mar 2017 19:46

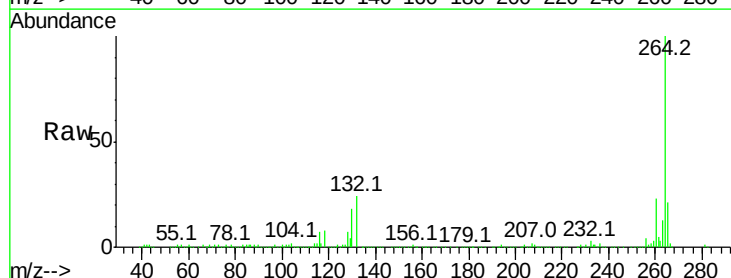
Tgt Ion:264 Resp: 388143

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 21.4 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

