

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093915.D
 Acq On : 24 Mar 2017 19:19
 Operator : SJ/MA
 Sample : I2394-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP4

Quant Time: Mar 24 23:05:28 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

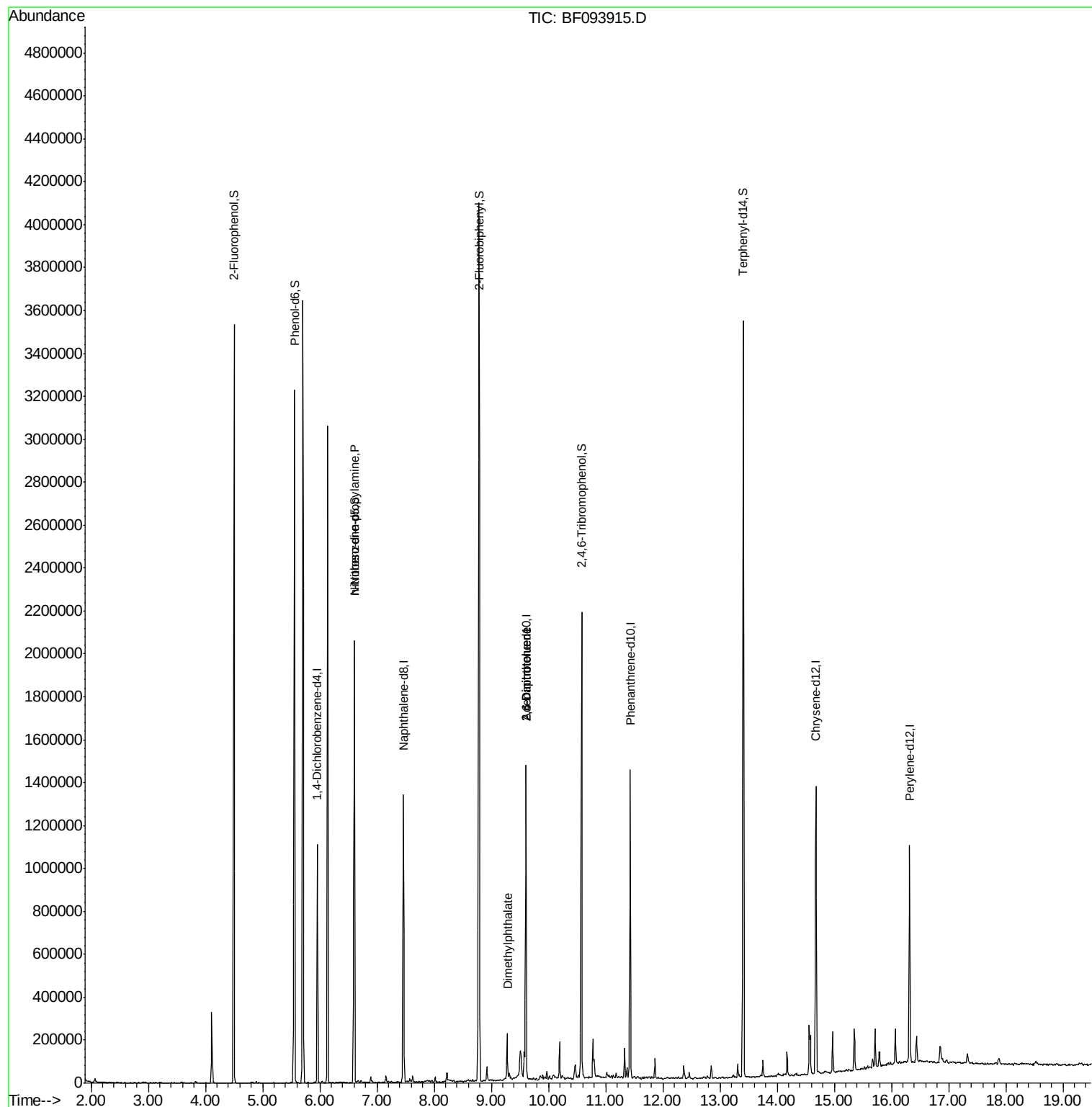
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	166588	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	684538	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	321486	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	576892	20.00	ng	-0.04
75) Chrysene-d12	14.68	240	500612	20.00	ng	-0.04
86) Perylene-d12	16.32	264	397489	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1083306	109.83	ng	0.00
7) Phenol-d6	5.56	99	1386571	113.64	ng	-0.01
23) Nitrobenzene-d5	6.60	82	854345	71.23	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	307176	120.91	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	1548457	73.47	ng	-0.04
78) Terphenyl-d14	13.41	244	1326097	59.38	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.60	70	111879	14.27	ng	# 79
49) Dimethylphthalate	9.28	163	95478	4.18	ng	96
50) 2,6-Dinitrotoluene	9.60	165	41531	7.93	ng	# 34
56) 2,4-Dinitrotoluene	9.60	165	41532	6.31	ng	# 33

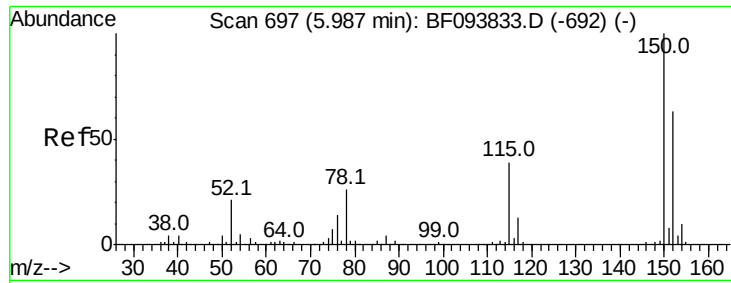
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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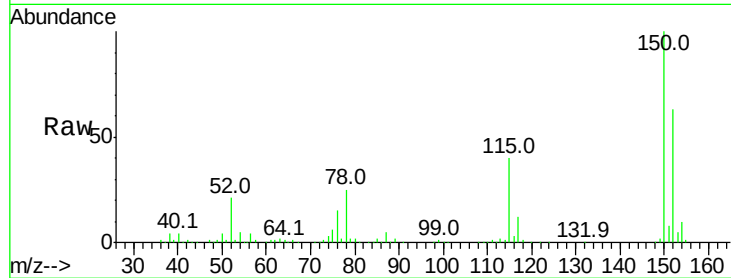


#1

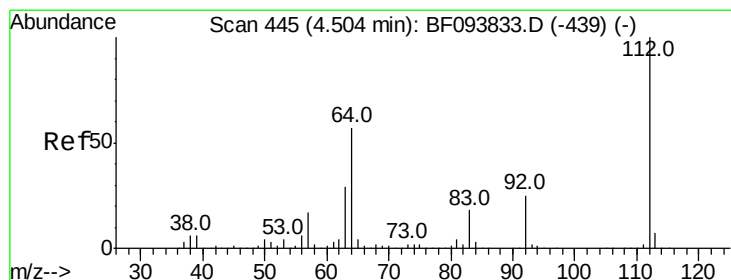
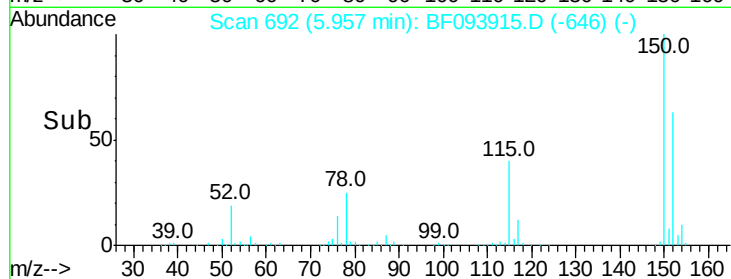
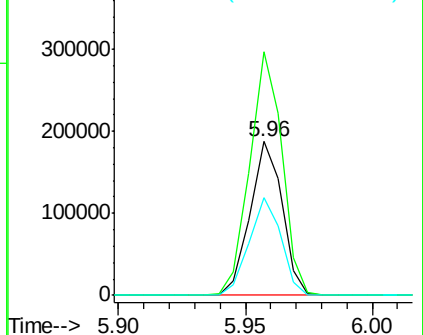
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093915.D
Acq: 24 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
COMP4

Tot Ion:152 Resp: 166588
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 63.3 52.2 78.2



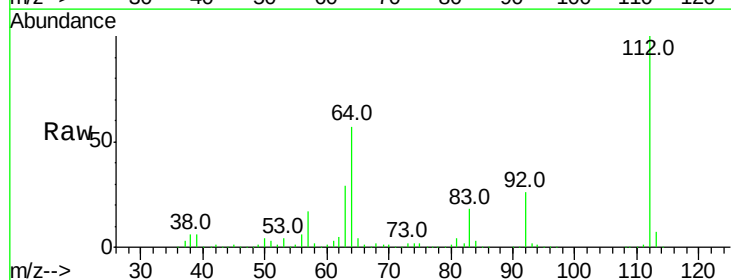
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



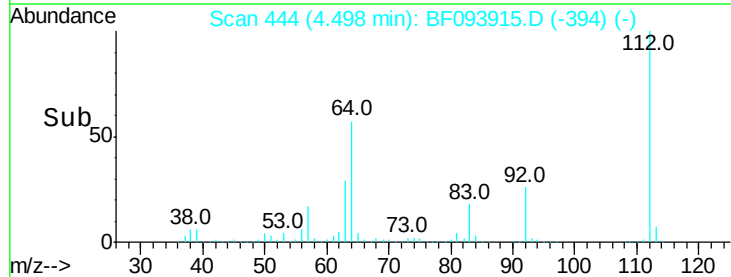
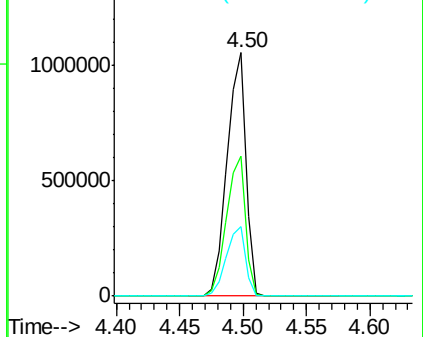
#5

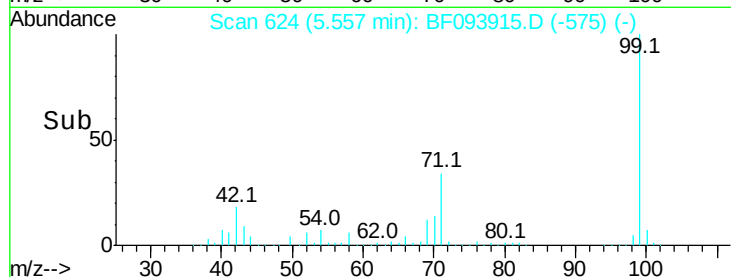
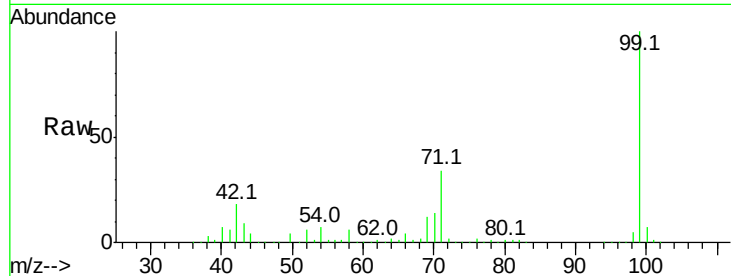
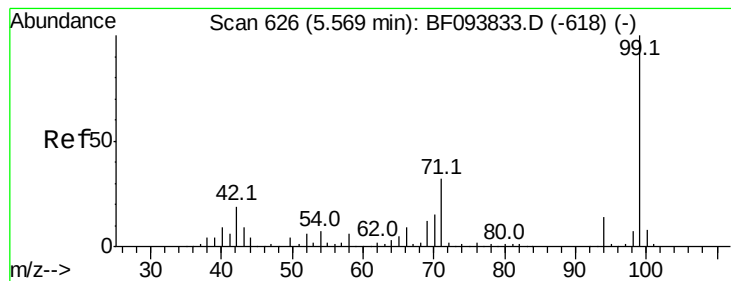
2-Fluorophenol
Concen: 109.83 ng
RT: 4.50 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF093915.D
Acq: 24 Mar 2017 19:19

Tgt Ion:112 Resp: 1083306
Ion Ratio Lower Upper
112 100
64 57.2 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: 113.64 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093915.D

Acq: 24 Mar 2017 19:19

Instrument :

BNA_F

ClientSampleId :

COMP4

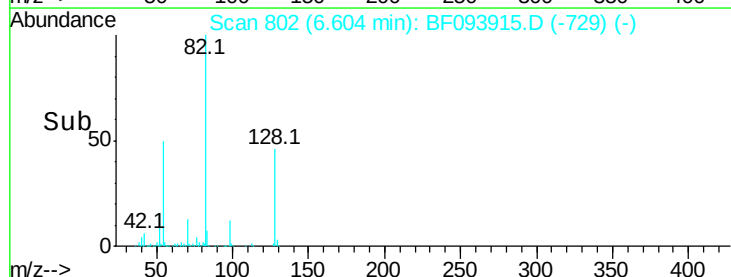
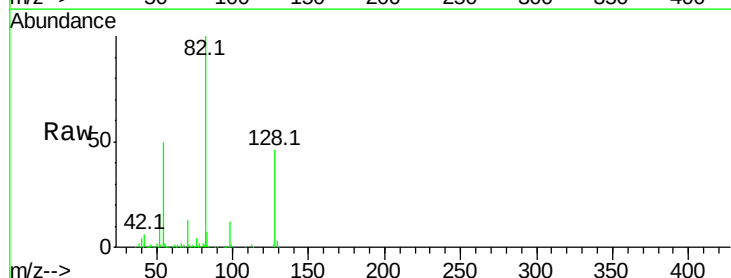
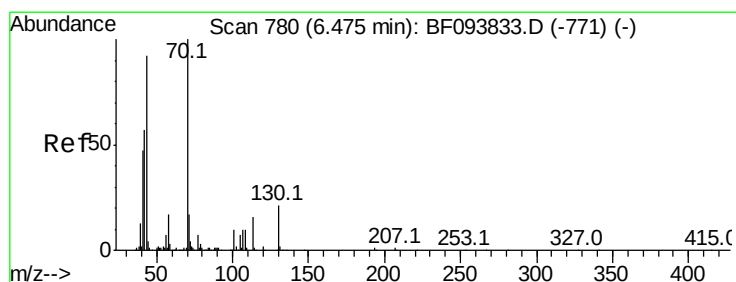
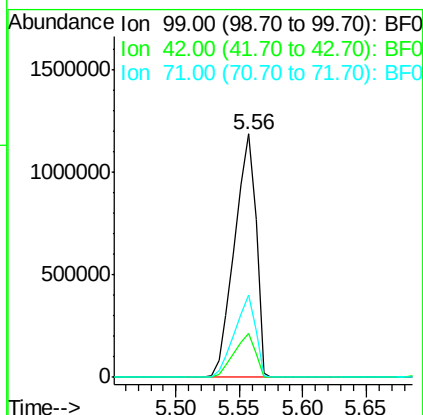
Tot Ion: 99 Resp: 1386571

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

71 33.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.27 ng

RT: 6.60 min Scan# 802

Delta R.T. 0.13 min

Lab File: BF093915.D

Acq: 24 Mar 2017 19:19

Tgt Ion: 70 Resp: 111879

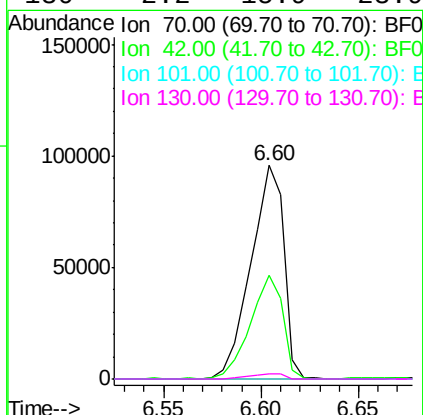
Ion Ratio Lower Upper

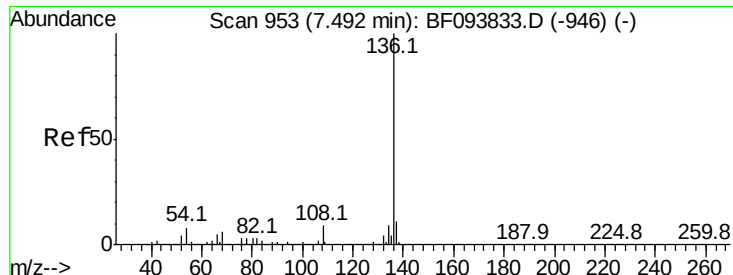
70 100

42 48.5 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: 7.46 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF093915.D

Acq: 24 Mar 2017 19:19

Instrument :

BNA_F

ClientSampleId :

COMP4

Tot Ion:136 Resp: 684538

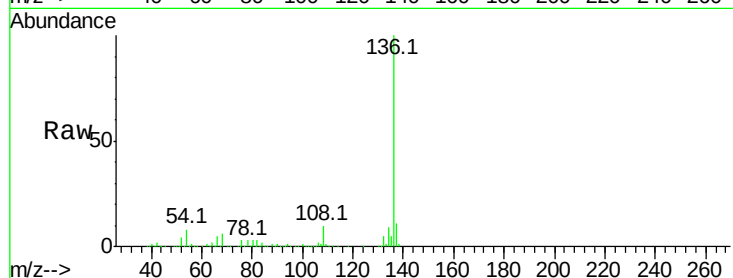
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.6 4.9 7.3#

68 6.2 4.1 6.1#



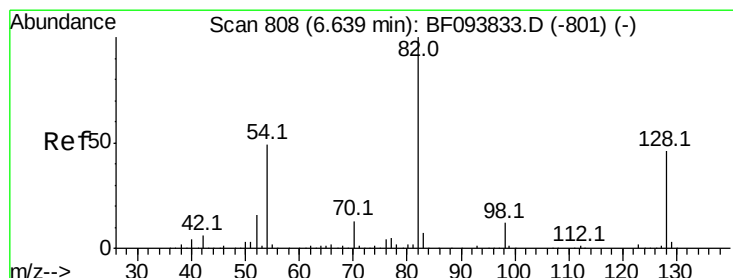
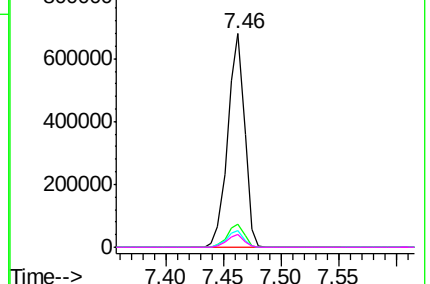
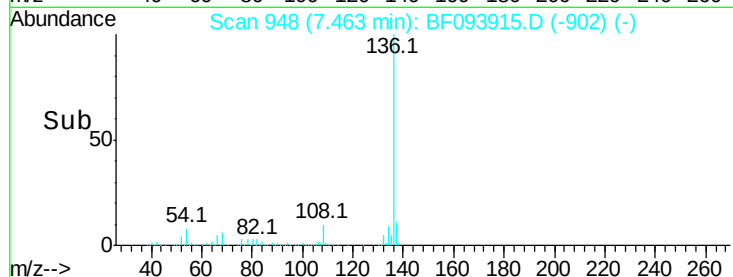
Abundance

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: 71.23 ng

RT: 6.60 min Scan# 802

Delta R.T. -0.04 min

Lab File: BF093915.D

Acq: 24 Mar 2017 19:19

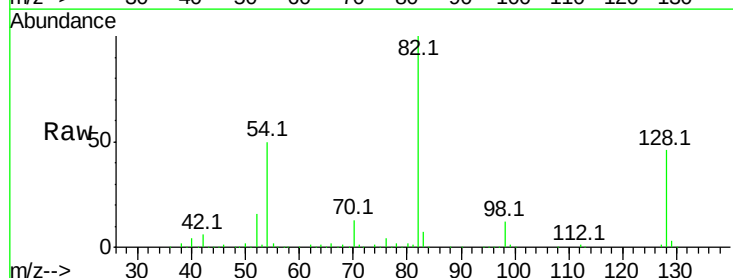
Tgt Ion: 82 Resp: 854345

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

54 50.4 42.2 63.2

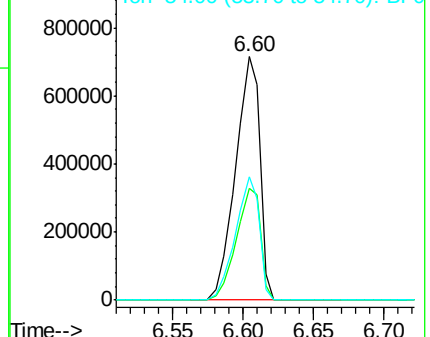
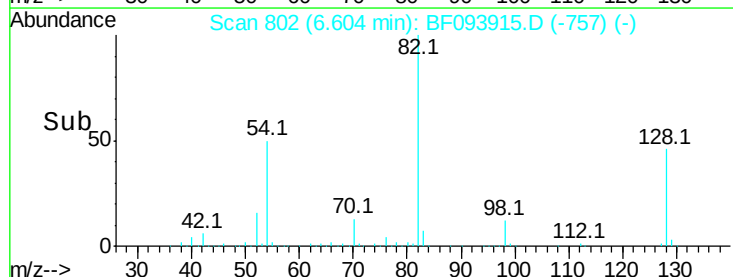


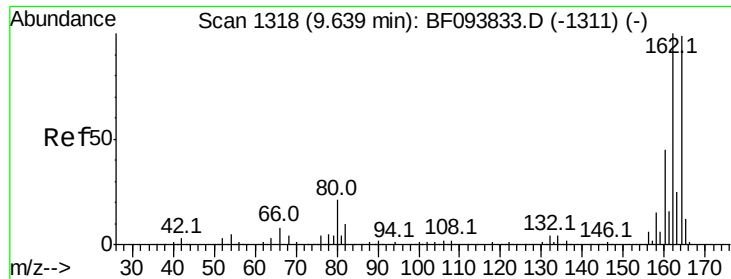
Abundance

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

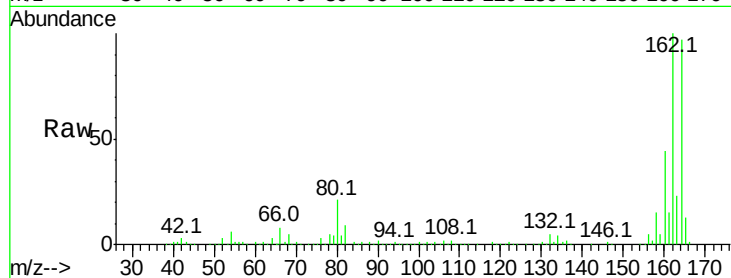




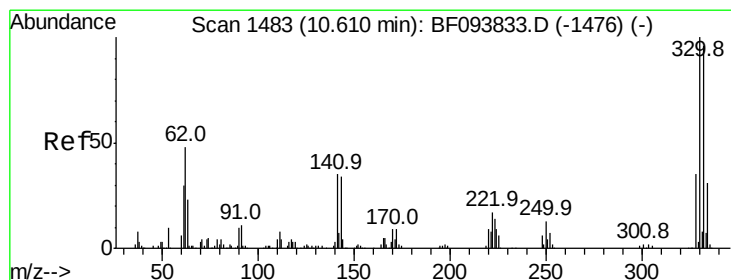
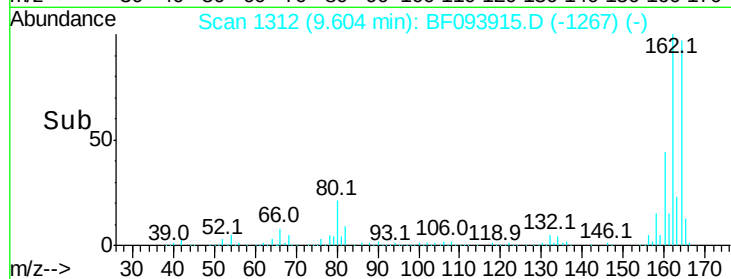
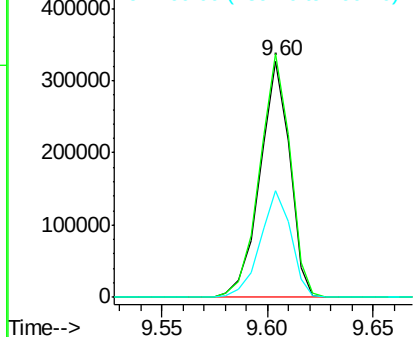
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF093915.D
Acq: 24 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
COMP4

Tot Ion:164 Resp: 321486
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 45.3 36.2 54.2

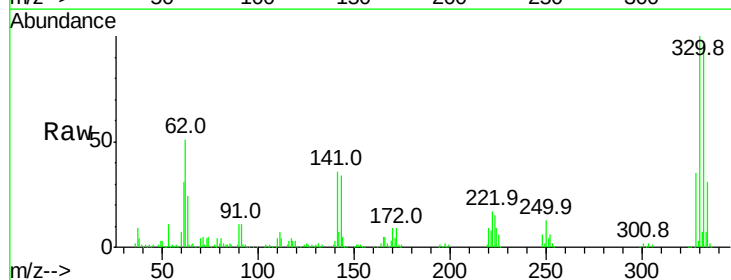


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

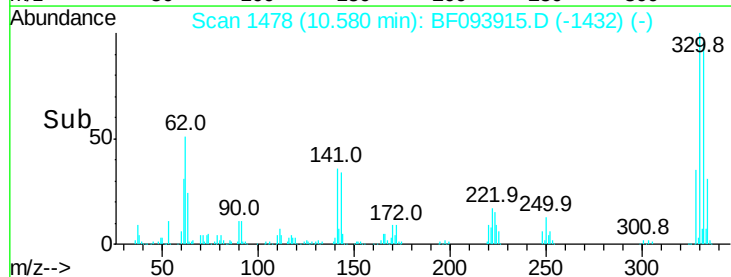
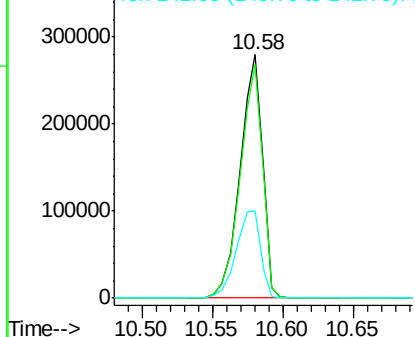


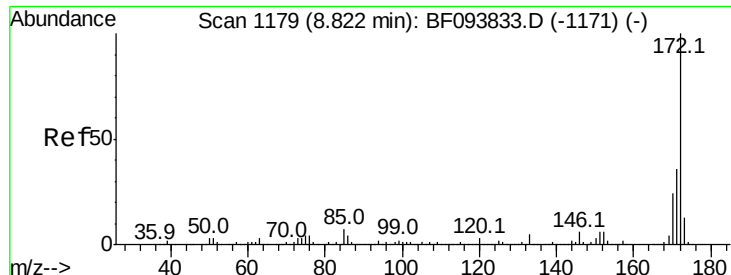
#41
2,4,6-Tribromophenol
Concen: 120.91 ng
RT: 10.58 min Scan# 1478
Delta R.T. -0.03 min
Lab File: BF093915.D
Acq: 24 Mar 2017 19:19

Tgt Ion:330 Resp: 307176
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 39.8 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



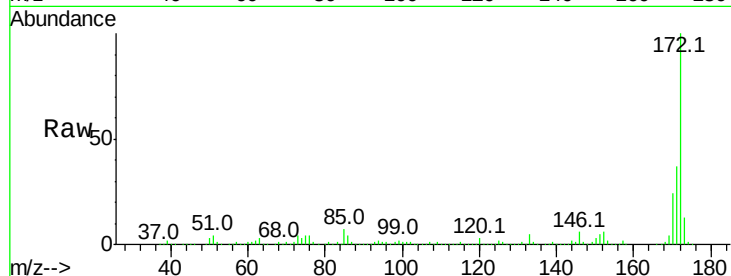


#44
 2-Fluorobiphenyl
 Concen: 73.47 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF093915.D
 Acq: 24 Mar 2017 19:19

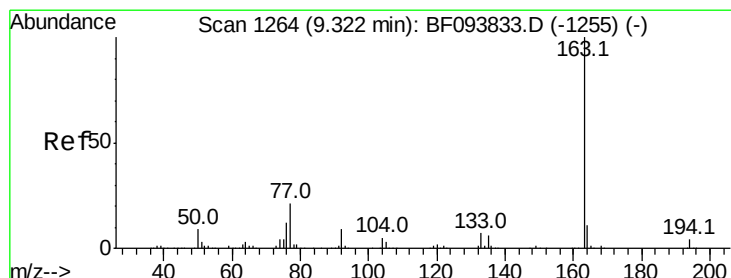
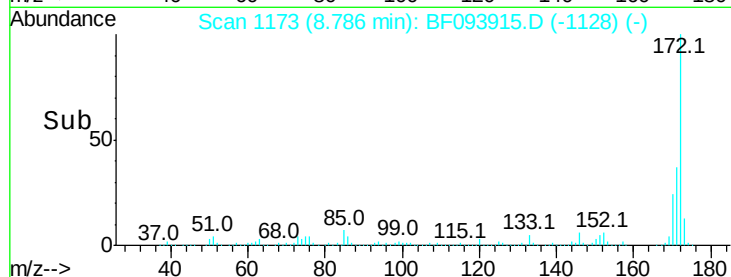
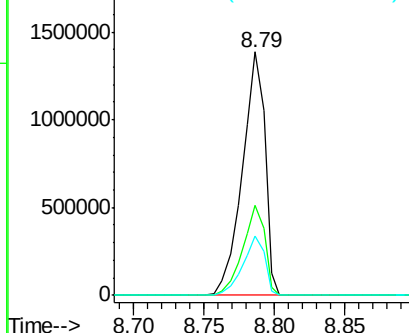
Instrument :
 BNA_F
 ClientSampleId :
 COMP4

Tot Ion:172 Resp: 1548457

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.4	19.8	29.8



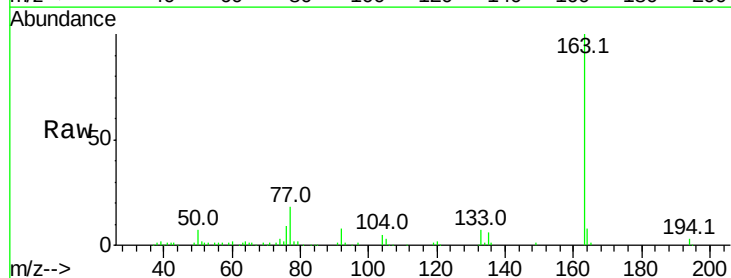
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



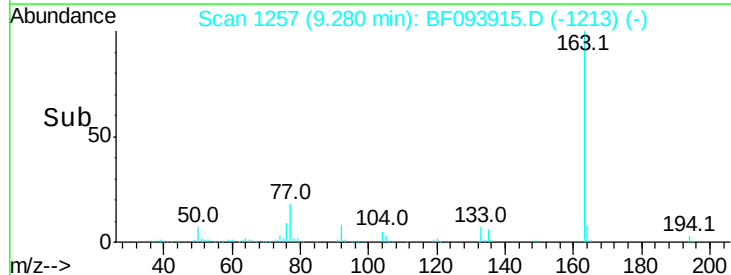
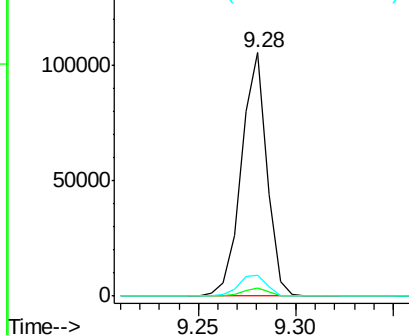
#49
 Dimethylphthalate
 Concen: 4.18 ng
 RT: 9.28 min Scan# 1257
 Delta R.T. -0.04 min
 Lab File: BF093915.D
 Acq: 24 Mar 2017 19:19

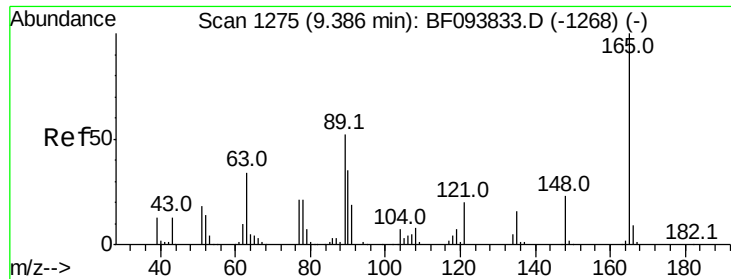
Tgt Ion:163 Resp: 95478

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	8.4	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

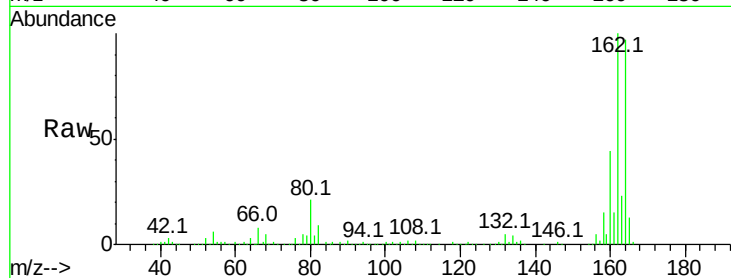




#50
 2,6-Dinitrotoluene
 Concen: 7.93 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. 0.22 min
 Lab File: BF093915.D
 Acq: 24 Mar 2017 19:19

Instrument :
 BNA_F
 ClientSampled :
 COMP4

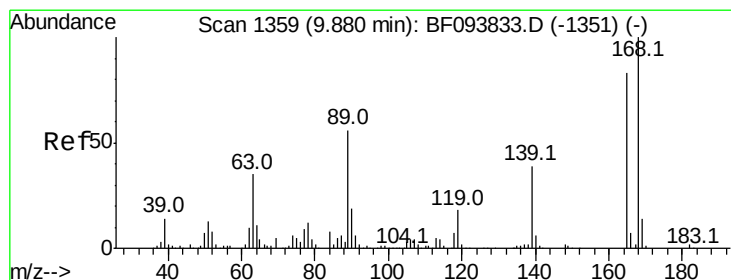
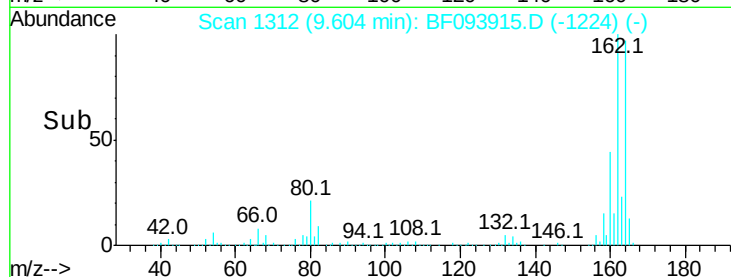
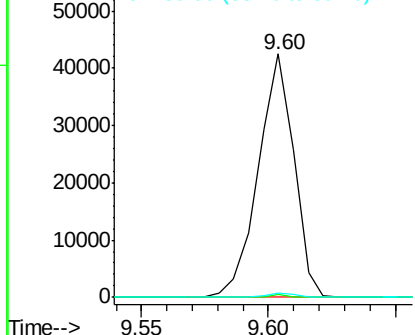
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.9	37.1	55.7#



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: 6.31 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.28 min
 Lab File: BF093915.D
 Acq: 24 Mar 2017 19:19

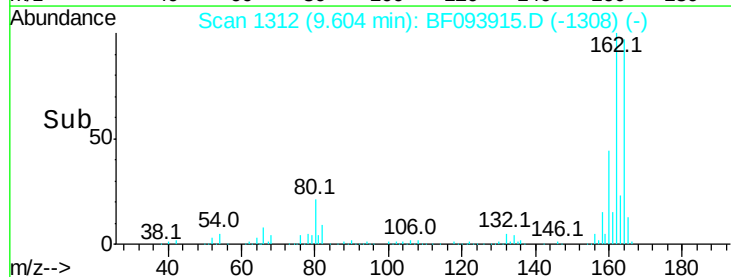
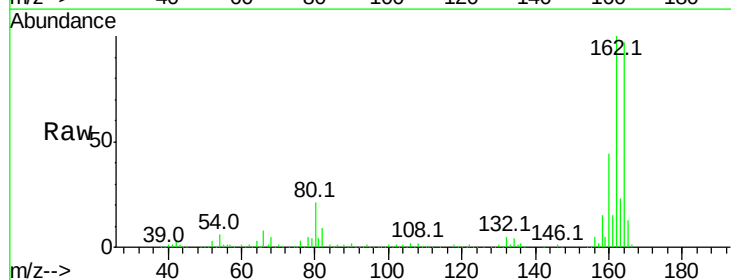
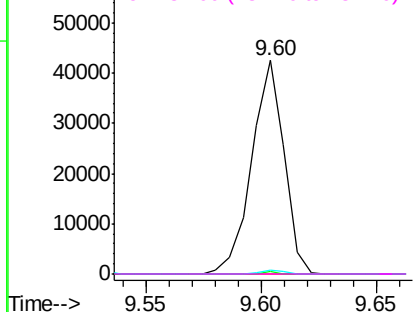
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

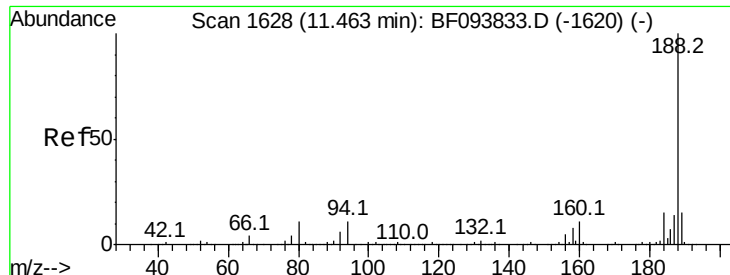
Abundance Ion 165.00 (164.70 to 165.70): E

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

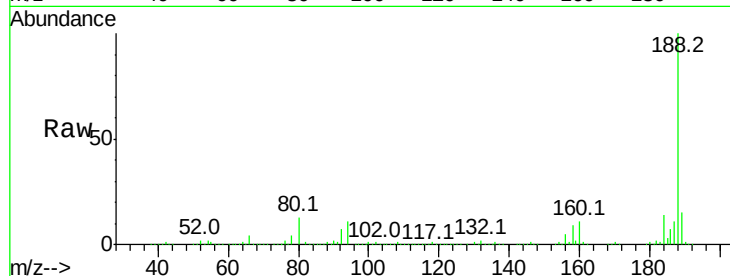




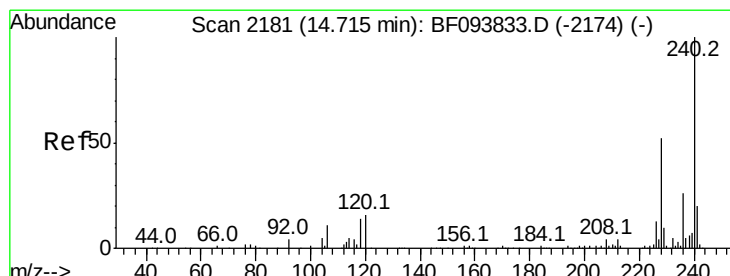
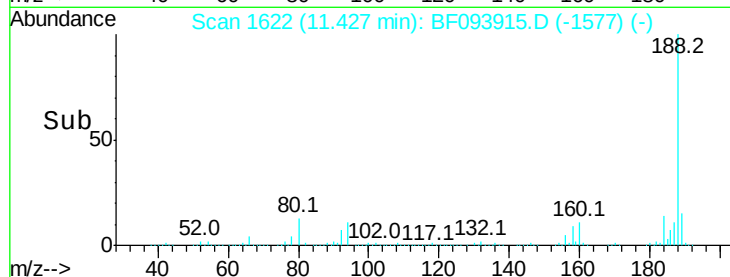
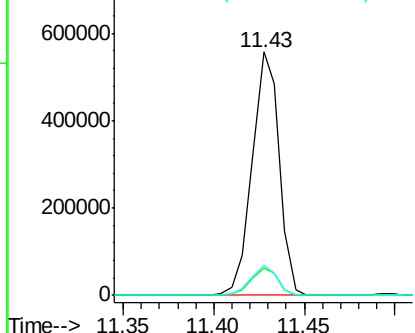
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1622
Delta R.T. -0.04 min
Lab File: BF093915.D
Acq: 24 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
COMP4

Tot Ion:188 Resp: 576892
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.5 10.2 15.2

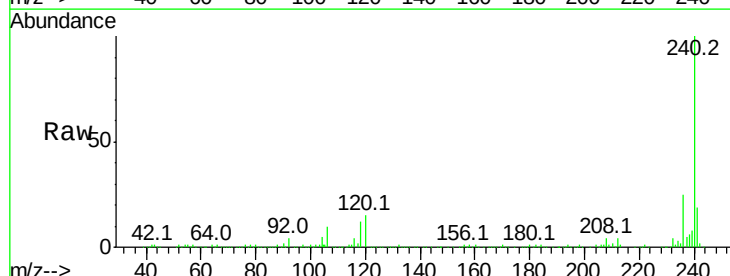


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

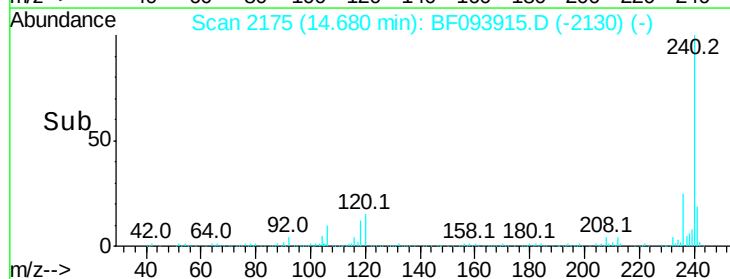
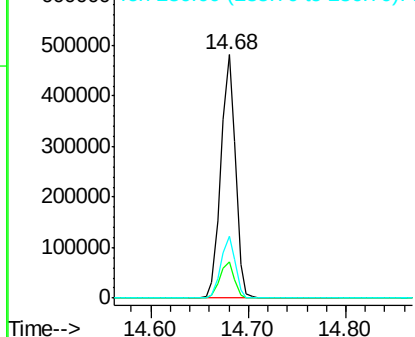


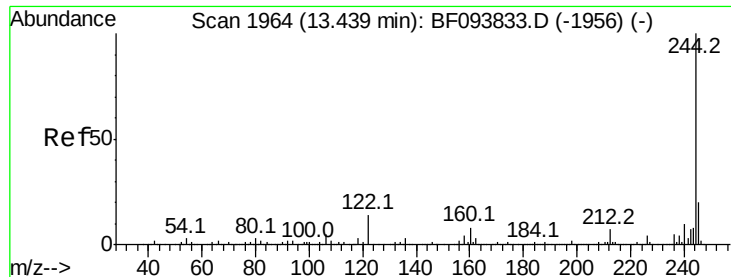
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.68 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF093915.D
Acq: 24 Mar 2017 19:19

Tgt Ion:240 Resp: 500612
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.2 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: 59.38 ng

RT: 13.41 min Scan# 1959

Delta R.T. -0.03 min

Lab File: BF093915.D

Acq: 24 Mar 2017 19:19

Instrument :

BNA_F

ClientSampleId :

COMP4

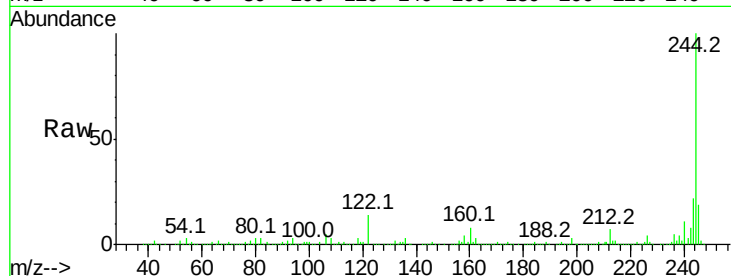
Tot Ion:244 Resp: 1326097

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

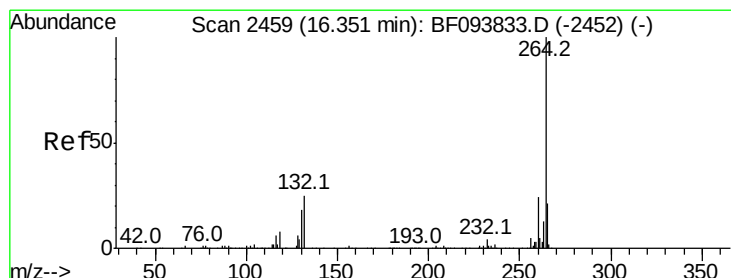
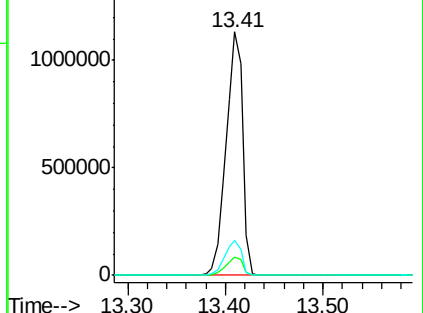
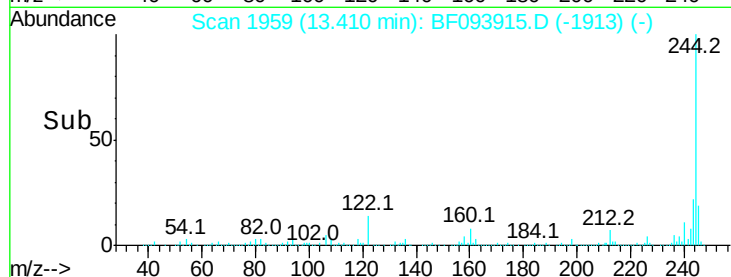
122 14.3 10.3 15.5



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: BF093915.D

Acq: 24 Mar 2017 19:19

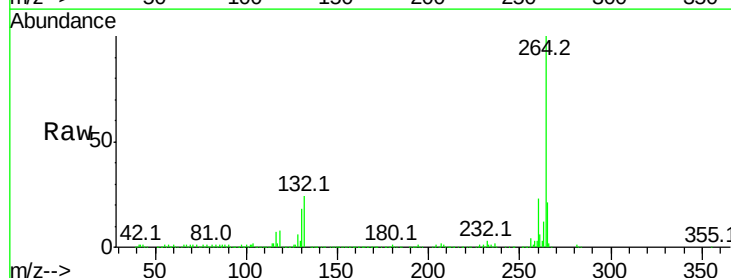
Tgt Ion:264 Resp: 397489

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.3 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

