

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094096.D
 Acq On : 31 Mar 2017 15:16
 Operator : SJ/MA
 Sample : I2458-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)

Quant Time: Mar 31 23:07:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

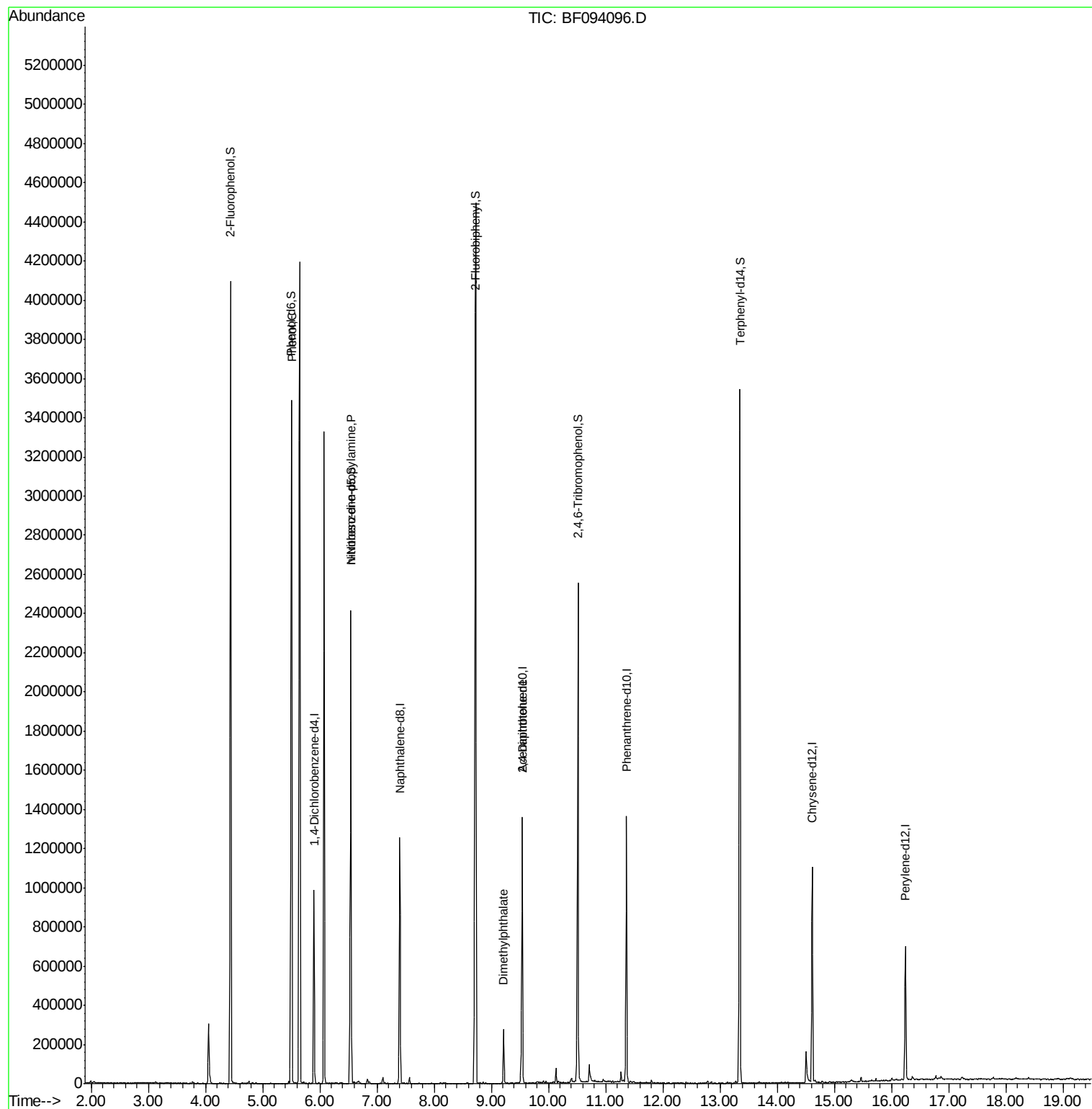
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	167134	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	671784	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	307408	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	537384	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	412747	20.00	ng	-0.01
86) Perylene-d12	16.24	264	276845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.44	112	1405960	142.08	ng	0.00
7) Phenol-d6	5.51	99	1775333	145.03	ng	0.00
23) Nitrobenzene-d5	6.55	82	1121911	95.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	371137	152.78	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1904391	94.49	ng	0.00
78) Terphenyl-d14	13.35	244	1427798	77.54	ng	0.00
Target Compounds						
10) Phenol	5.52	94	38990	2.80	ng	96
19) n-Nitroso-di-n-propylamine	6.55	70	148458	18.87	ng	# 78
49) Dimethylphthalate	9.22	163	125121	5.73	ng	100
56) 2,4-Dinitrotoluene	9.54	165	37775	6.00	ng	# 33

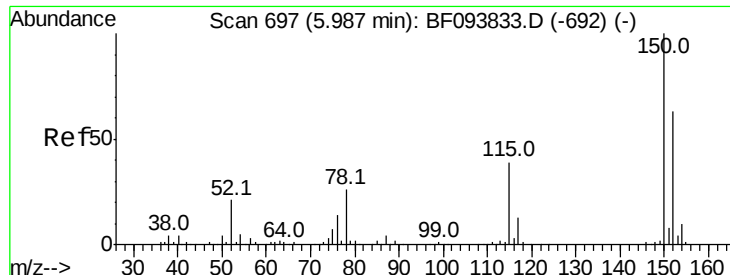
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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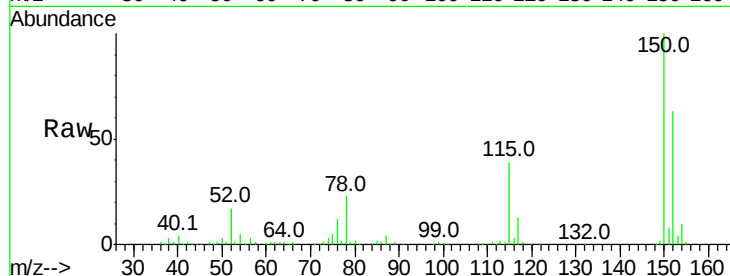


#1

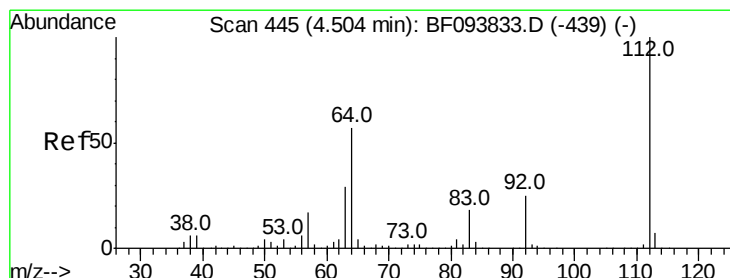
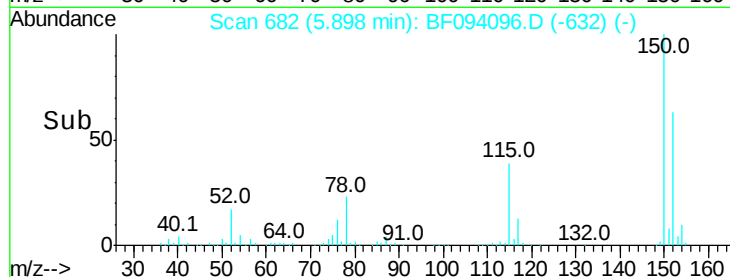
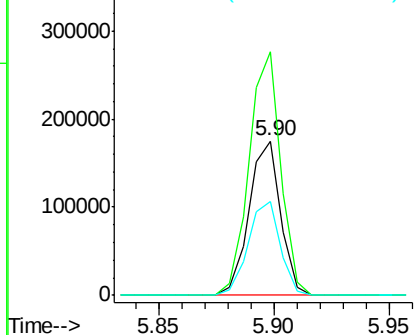
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)

Tot Ion:152 Resp: 167134
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 60.8 52.2 78.2



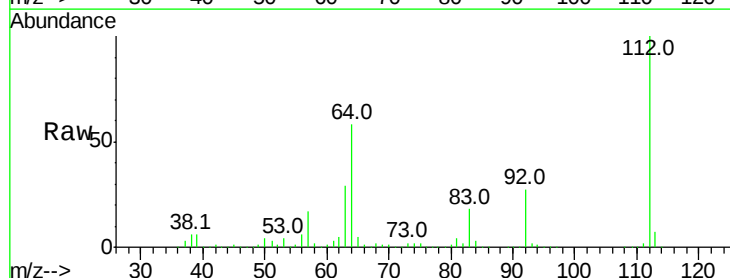
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



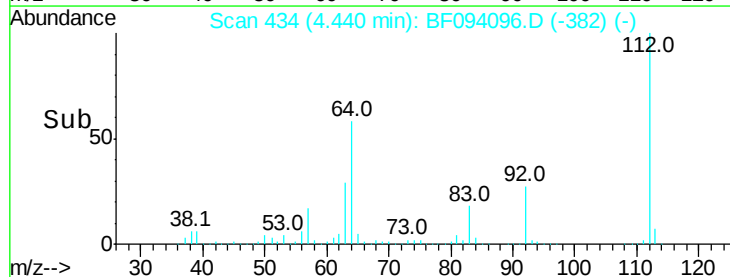
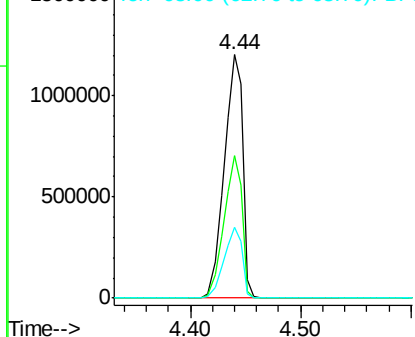
#5

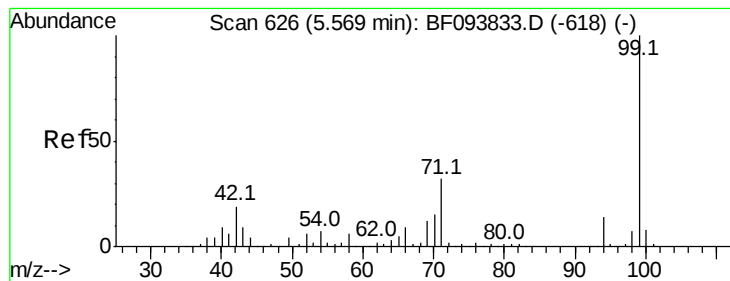
2-Fluorophenol
Concen: 142.08 ng
RT: 4.44 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

Tgt Ion:112 Resp: 1405960
Ion Ratio Lower Upper
112 100
64 58.5 46.0 69.0
63 29.2 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: 145.03 ng

RT: 5.51 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF094096.D

Acq: 31 Mar 2017 15:16

Instrument :

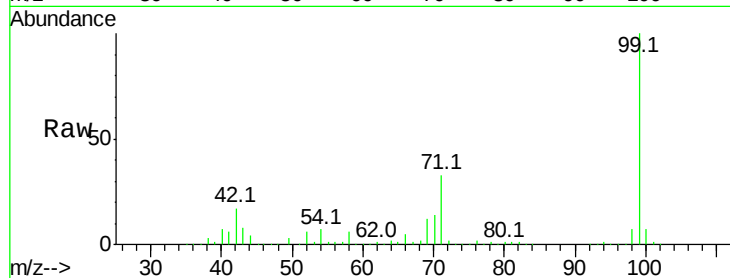
BNA_F

ClientSampleId :

B-42-S2(2.0-2.5)

Tot Ion: 99 Resp: 1775333

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	32.9	24.5	36.7

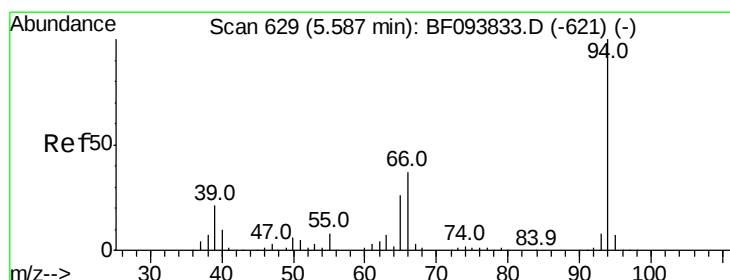
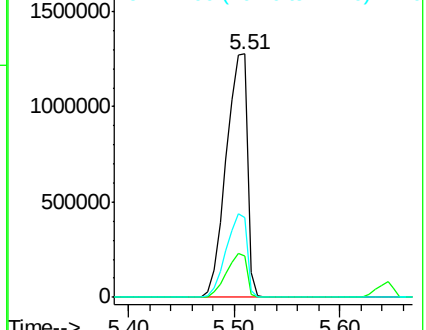
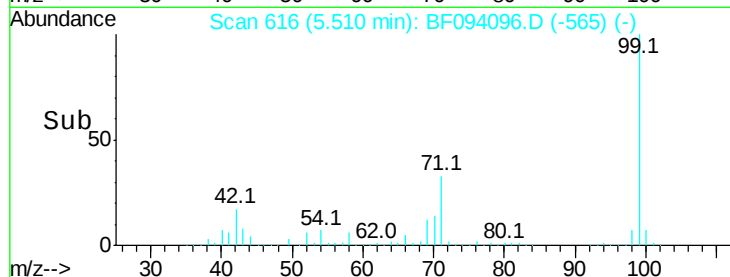


Abundance

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: 2.80 ng

RT: 5.52 min Scan# 617

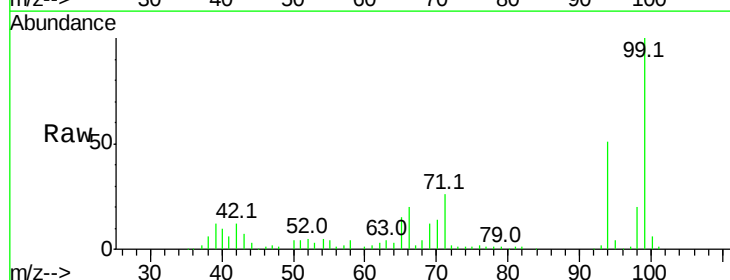
Delta R.T. -0.01 min

Lab File: BF094096.D

Acq: 31 Mar 2017 15:16

Tgt Ion: 94 Resp: 38990

Ion	Ratio	Lower	Upper
94	100		
65	28.4	9.9	49.9
66	39.9	23.1	63.1

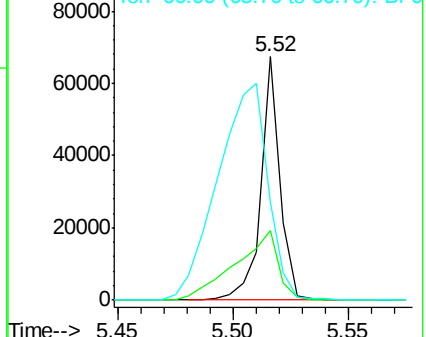
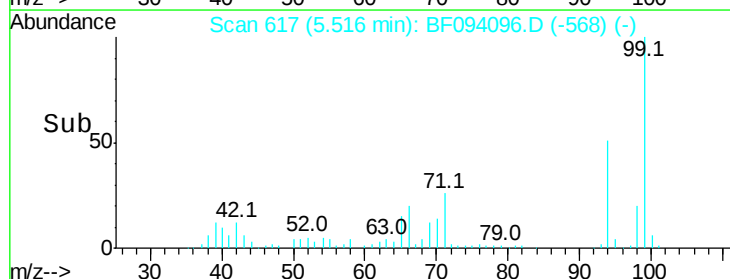


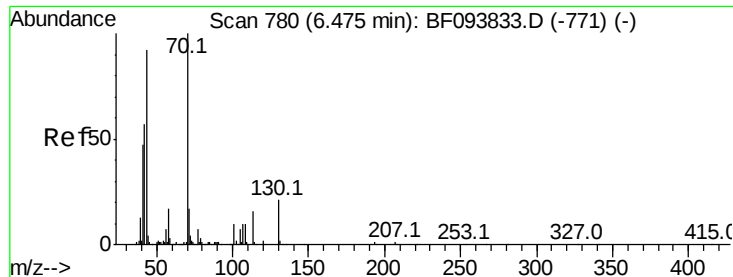
Abundance

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: 18.87 ng

RT: 6.55 min Scan# 792

Delta R.T. 0.15 min

Lab File: BF094096.D

Acq: 31 Mar 2017 15:16

Instrument :

BNA_F

ClientSampleId :

B-42-S2(2.0-2.5)

Tot Ion: 70 Resp: 148458

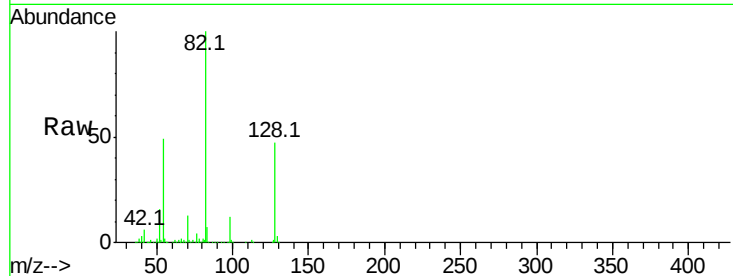
Ion Ratio Lower Upper

70 100

42 47.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

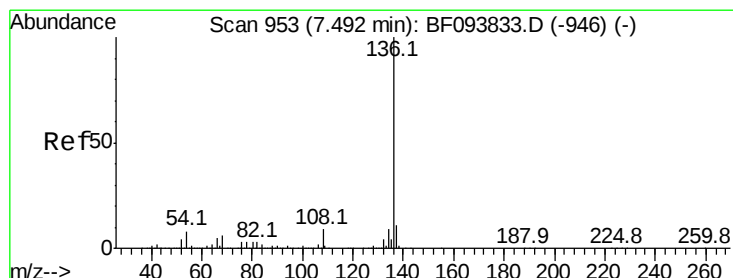
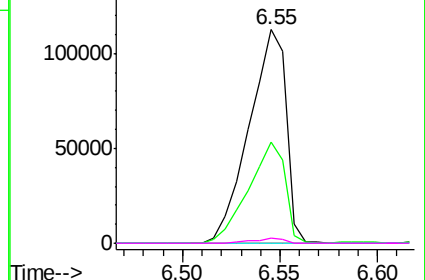
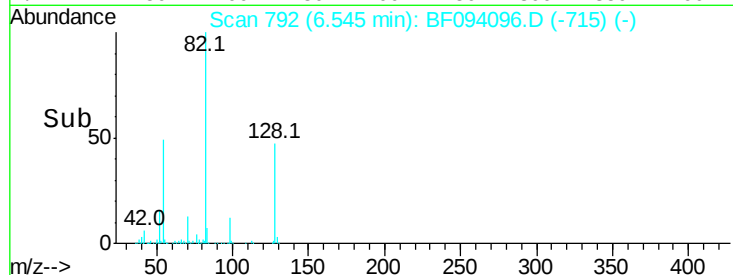


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF094096.D

Acq: 31 Mar 2017 15:16

Tgt Ion: 136 Resp: 671784

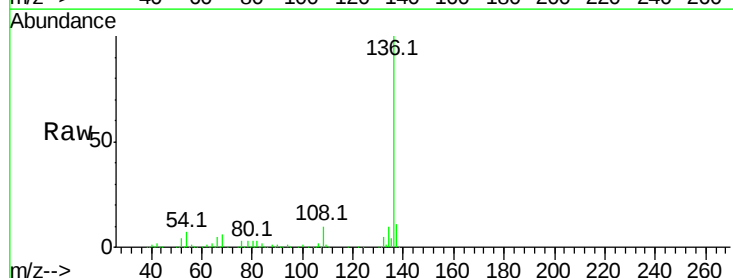
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.3 4.9 7.3

68 6.0 4.1 6.1

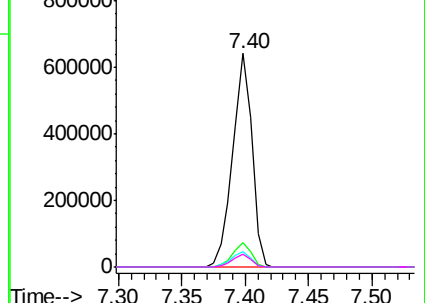
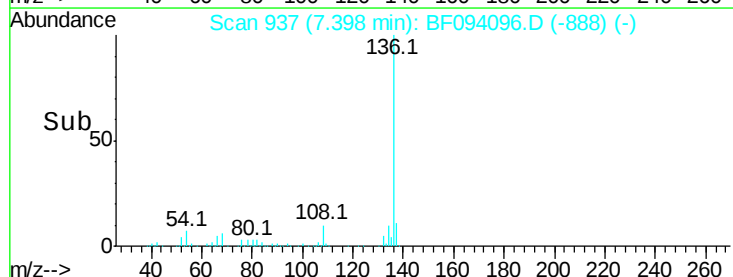


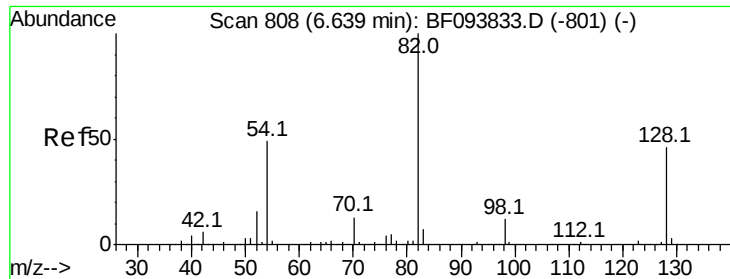
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

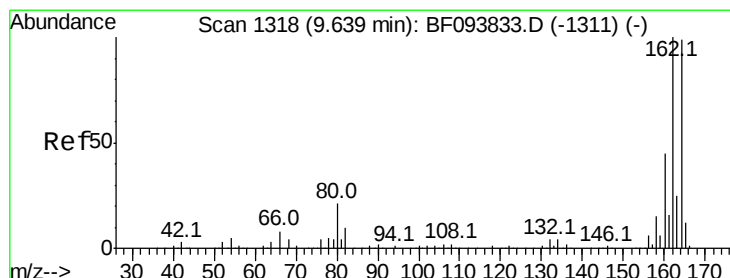
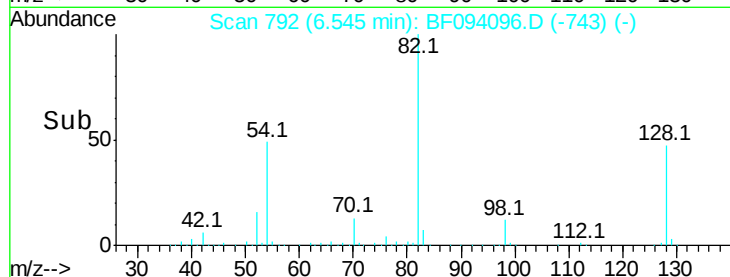
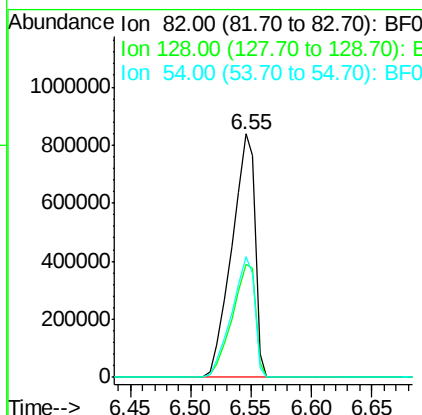
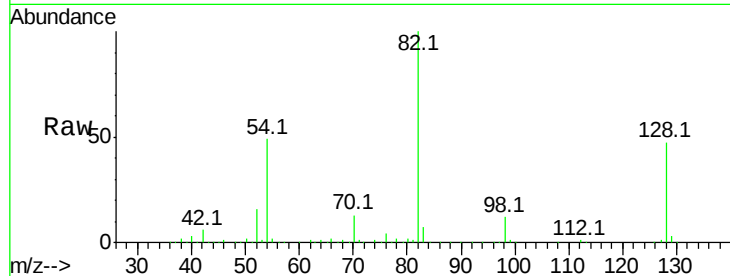




#23
Nitrobenzene-d5
Concen: 95.31 ng
RT: 6.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

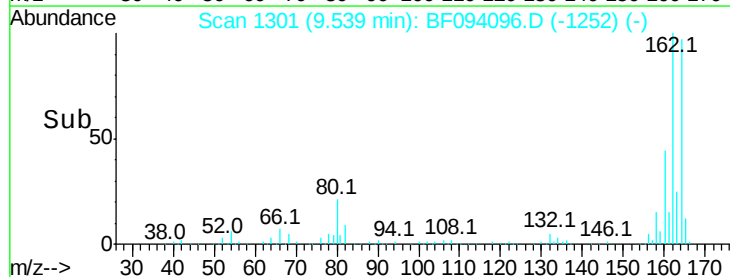
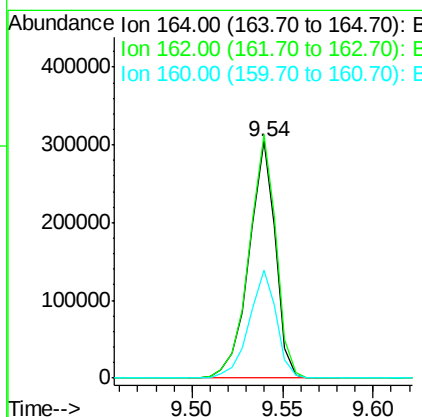
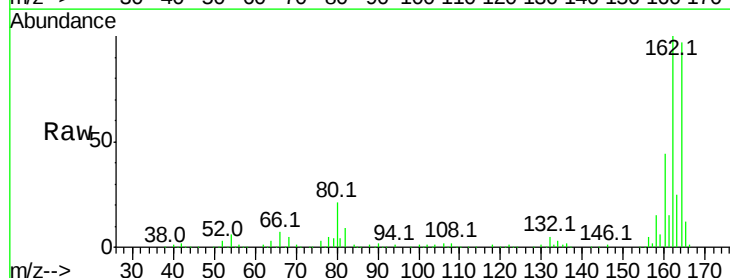
Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)

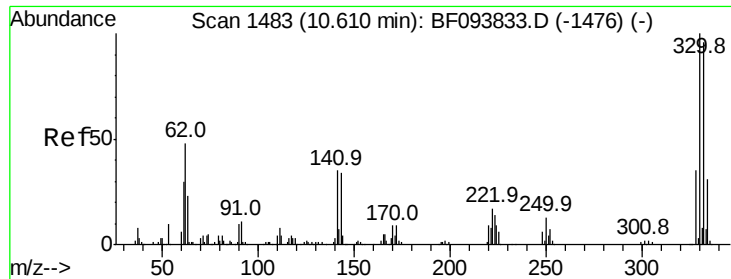
Tot Ion: 82 Resp: 1121911
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 49.5 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

Tgt Ion:164 Resp: 307408
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 45.5 36.2 54.2

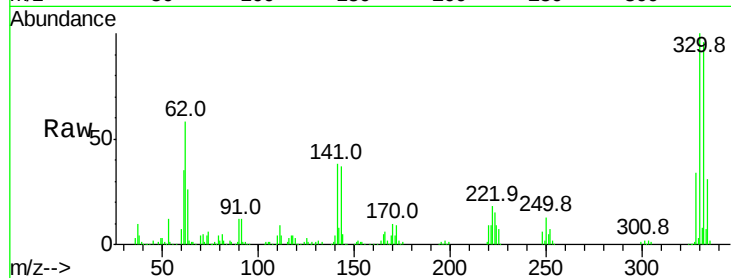




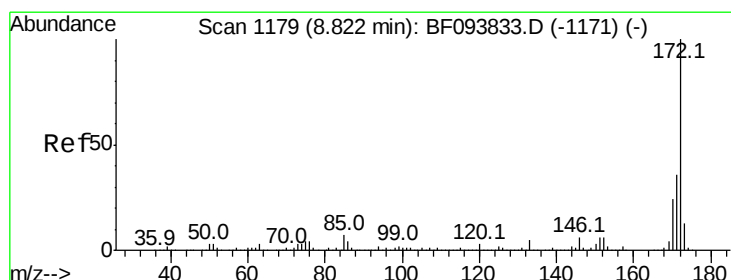
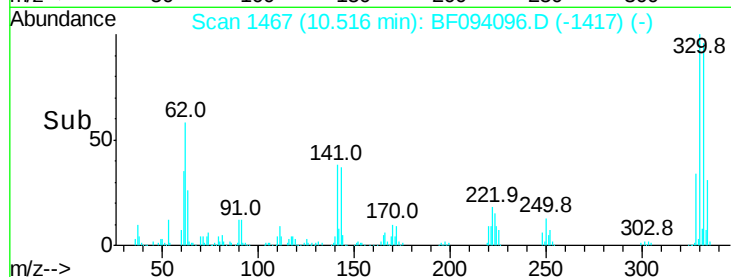
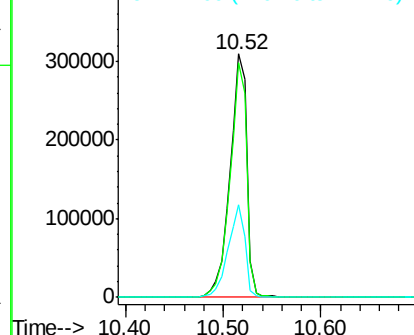
#41
 2,4,6-Tribromophenol
 Concen: 152.78 ng
 RT: 10.52 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF094096.D
 Acq: 31 Mar 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	37.8	31.4	47.2

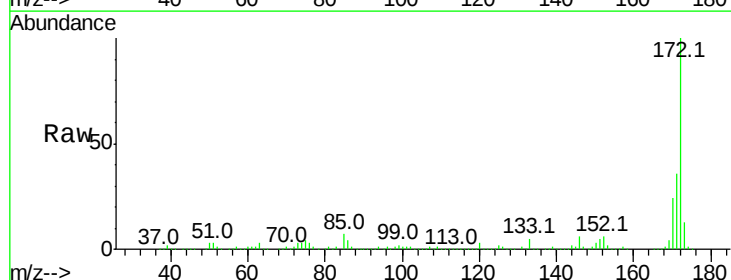


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

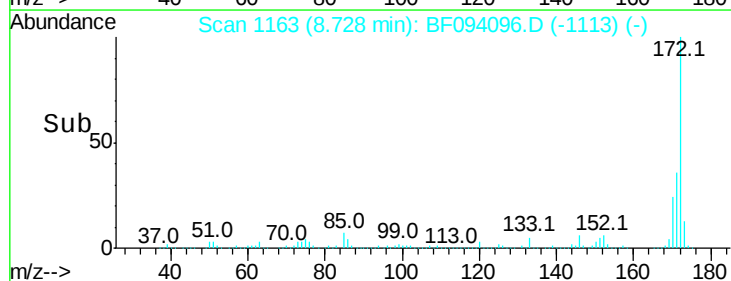
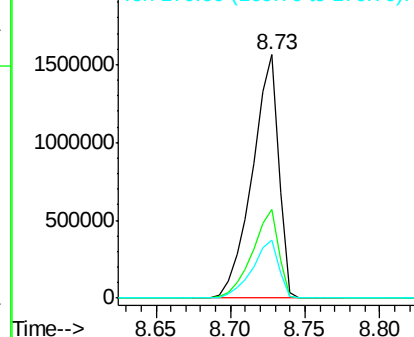


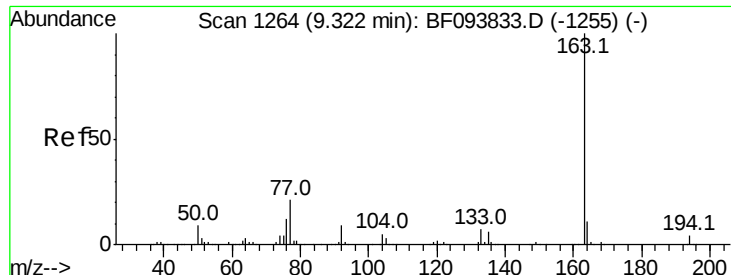
#44
 2-Fluorobiphenyl
 Concen: 94.49 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF094096.D
 Acq: 31 Mar 2017 15:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

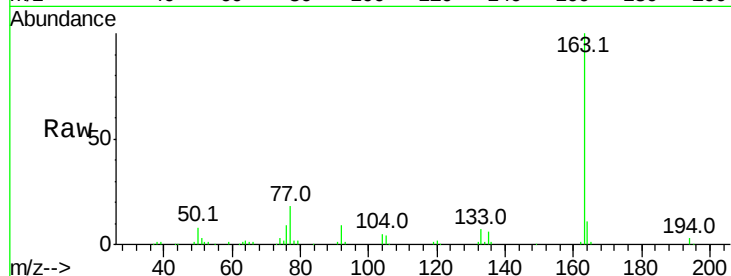




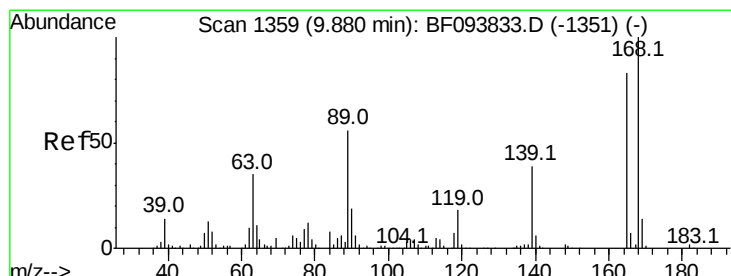
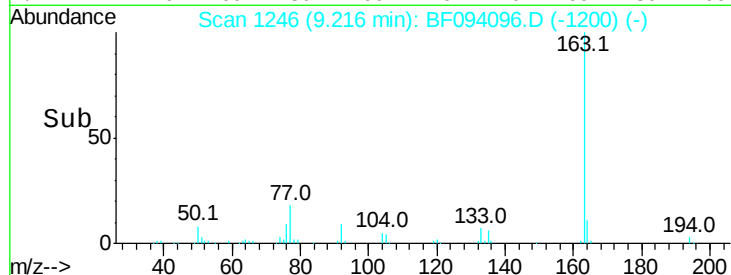
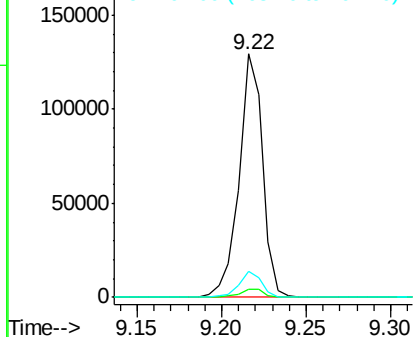
#49
Dimethylphthalate
Concen: 5.73 ng
RT: 9.22 min Scan# 1246
Delta R.T. -0.03 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)

Tot Ion:163 Resp: 125121
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.4 12.6

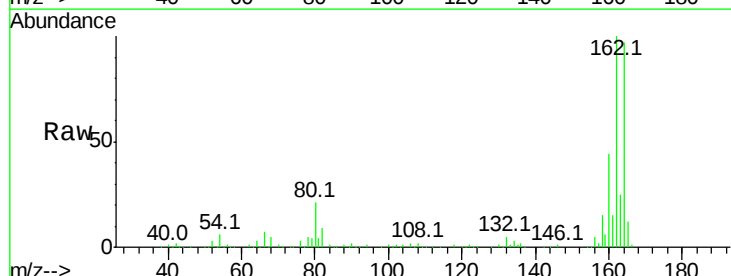


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

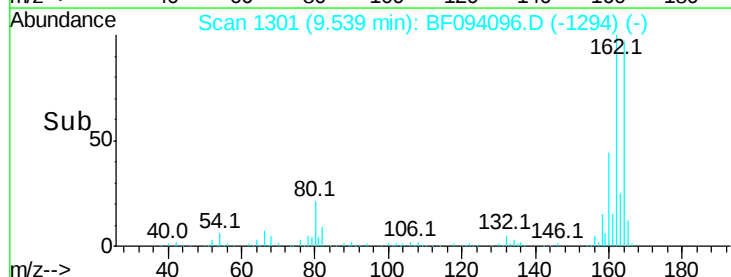
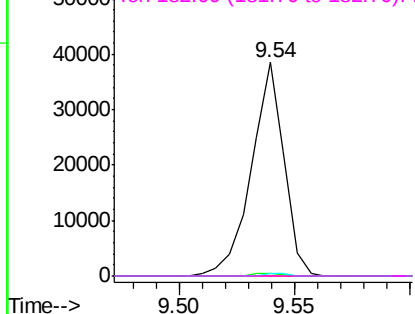


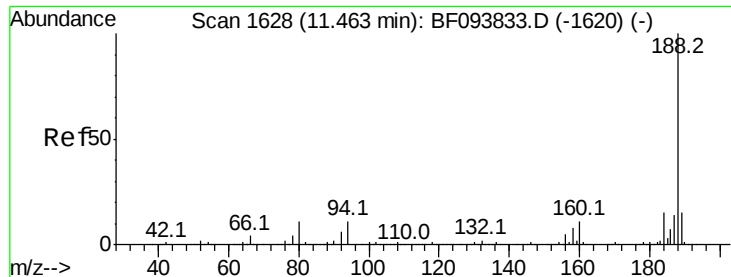
#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.26 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

Tgt Ion:165 Resp: 37775
Ion Ratio Lower Upper
165 100
63 1.2 25.4 38.0#
89 1.2 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

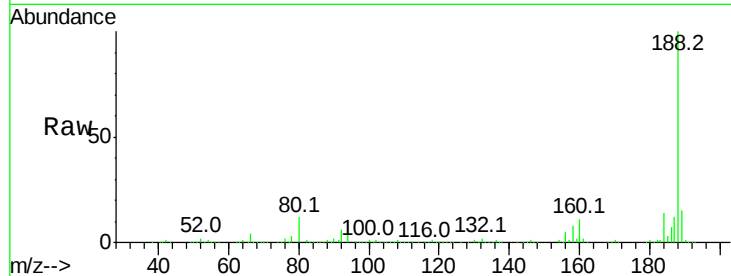




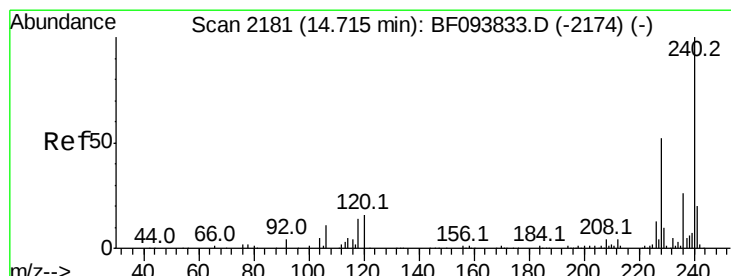
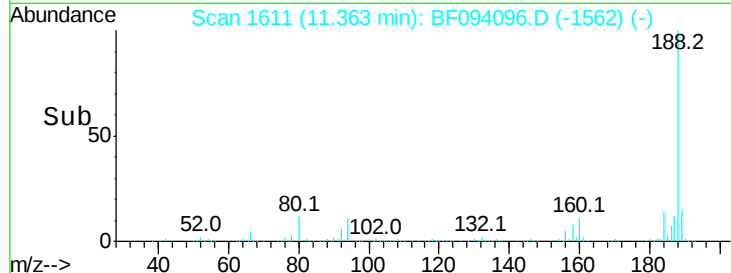
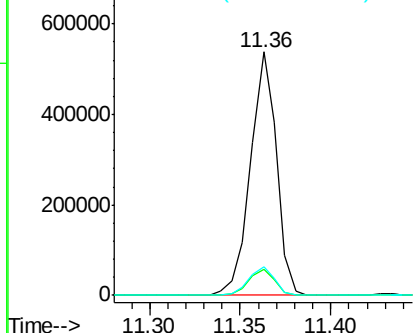
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)

Tot Ion:188 Resp: 537384
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.5 10.2 15.2

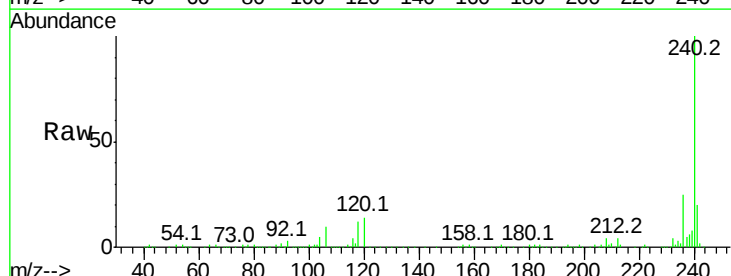


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

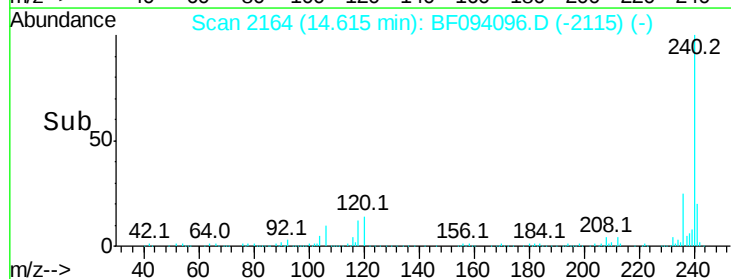
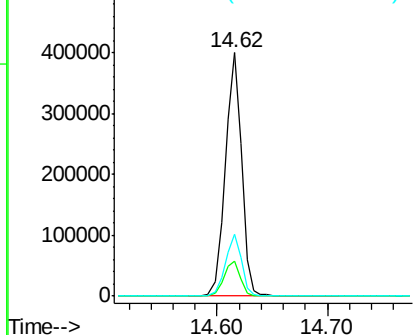


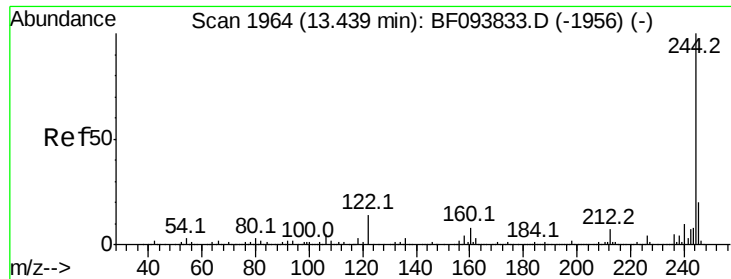
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

Tgt Ion:240 Resp: 412747
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 25.4 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

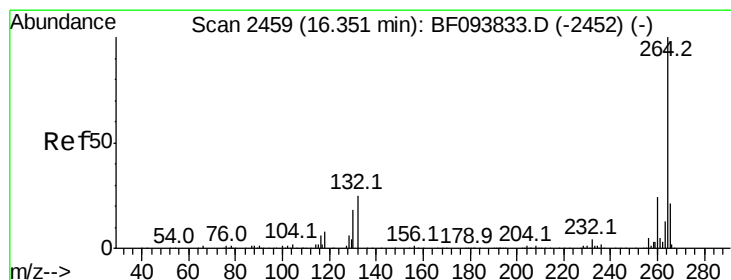
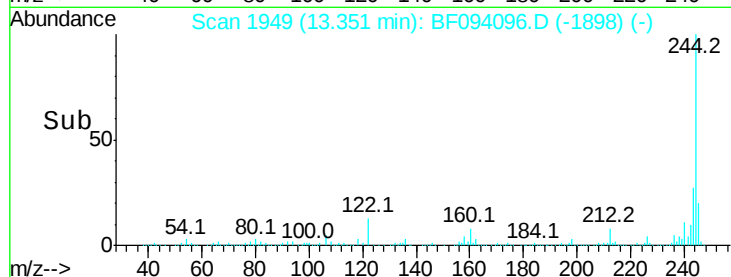
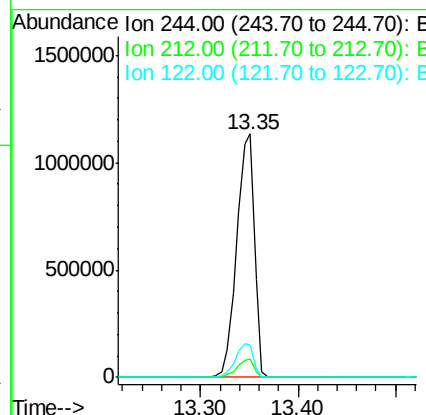
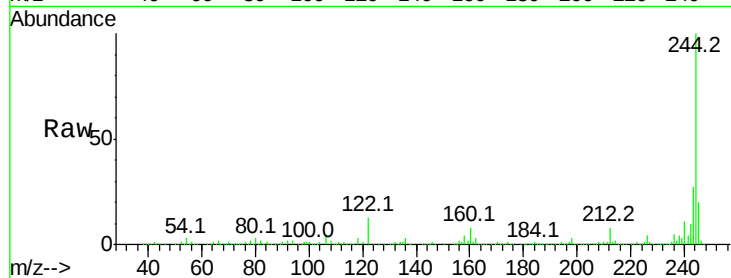




#78
 Terphenyl-d14
 Concen: 77.54 ng
 RT: 13.35 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BF094096.D
 Acq: 31 Mar 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)

Tot Ion:244 Resp: 1427798
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BF094096.D
 Acq: 31 Mar 2017 15:16

Tgt Ion:264 Resp: 276845
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 21.9 17.2 25.8

