

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094027.D
 Acq On : 29 Mar 2017 19:17
 Operator : SJ/MA
 Sample : I2440-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-50

Quant Time: Mar 30 01:09:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

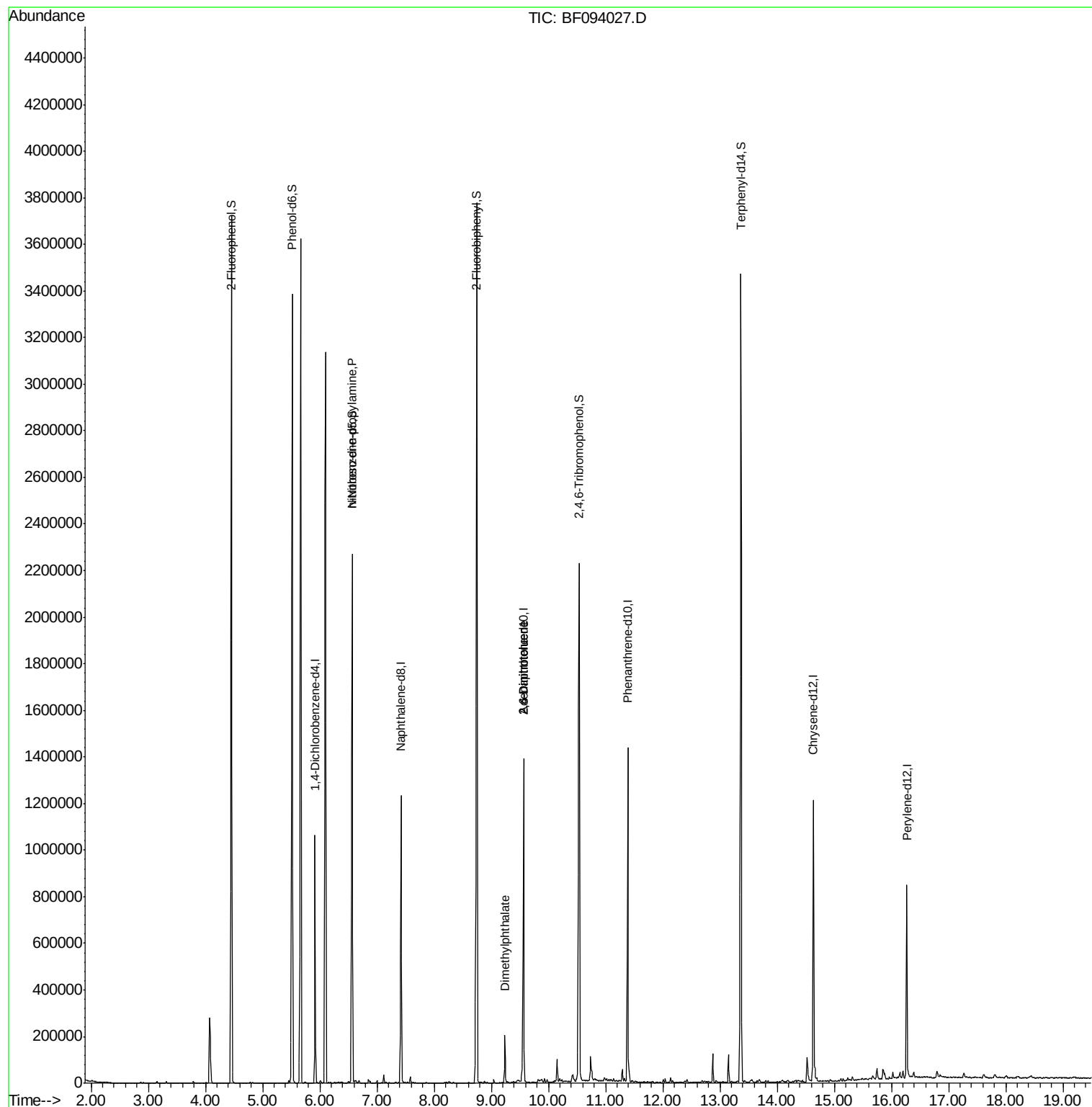
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	161283	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	677426	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	318685	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	562970	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	466550	20.00	ng	-0.05
86) Perylene-d12	16.27	264	333230	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1175414	123.09	ng	-0.02
7) Phenol-d6	5.52	99	1496945	126.72	ng	-0.03
23) Nitrobenzene-d5	6.57	82	936981	78.93	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	330171	131.11	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1584584	75.84	ng	-0.04
78) Terphenyl-d14	13.37	244	1332827	64.03	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.57	70	125299	16.50	ng	# 77
49) Dimethylphthalate	9.24	163	92929	4.10	ng	98
50) 2,6-Dinitrotoluene	9.56	165	39650	7.64	ng	# 33
56) 2,4-Dinitrotoluene	9.56	165	39650	6.08	ng	# 33

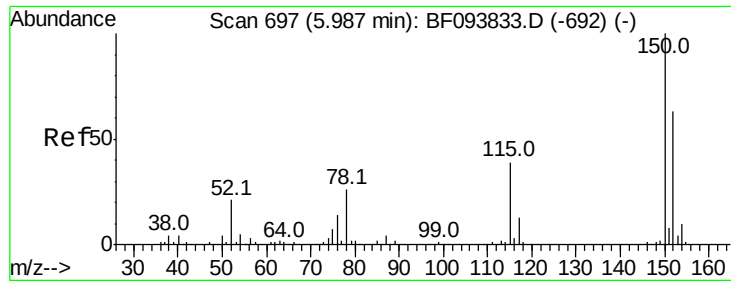
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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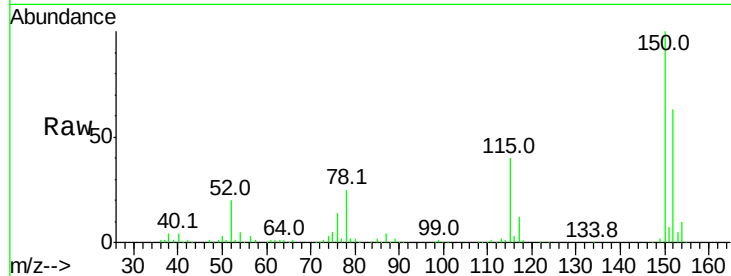


#1

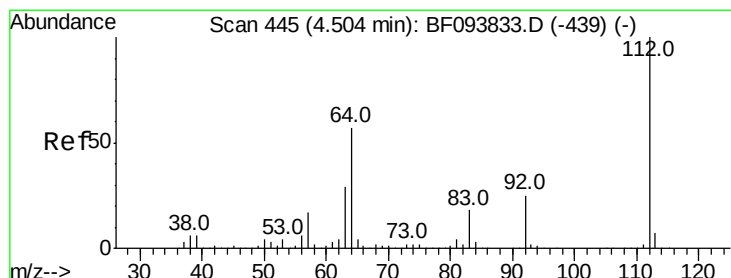
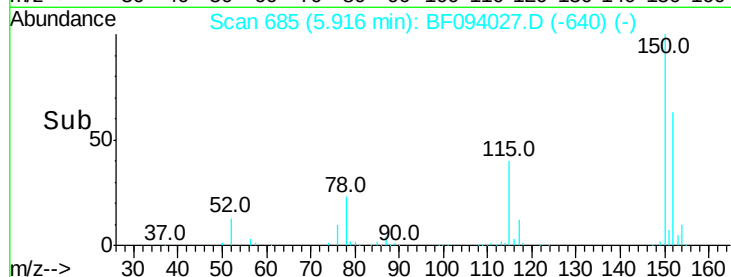
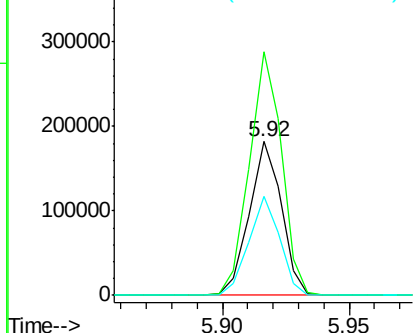
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF094027.D
Acq: 29 Mar 2017 19:17

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-50

Tot Ion:152 Resp: 161283
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 64.1 52.2 78.2



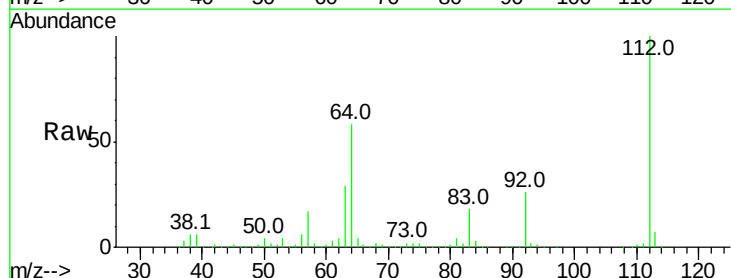
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



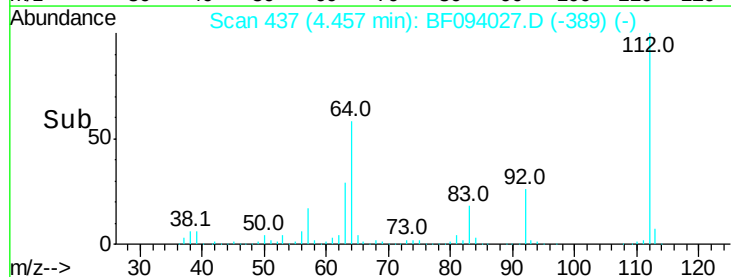
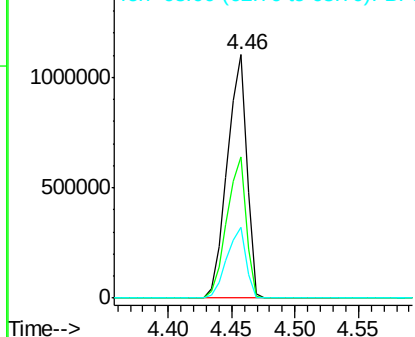
#5

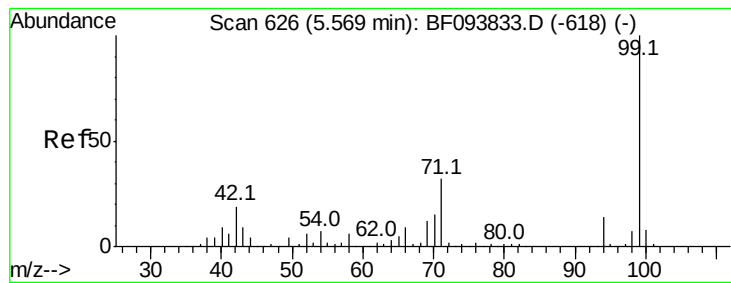
2-Fluorophenol
Concen: 123.09 ng
RT: 4.46 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF094027.D
Acq: 29 Mar 2017 19:17

Tgt Ion:112 Resp: 1175414
Ion Ratio Lower Upper
112 100
64 57.9 46.0 69.0
63 29.3 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: 126.72 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

Instrument :

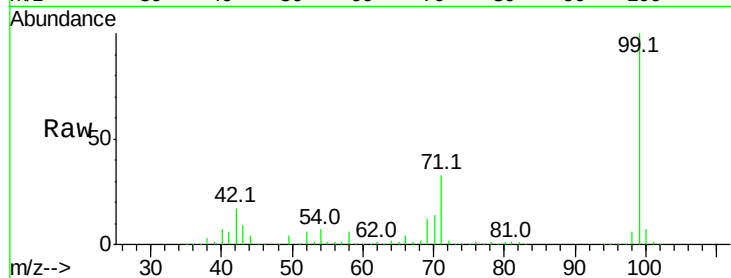
BNA_F

ClientSampleId :

ROLL-OFF-15-50

Tot Ion: 99 Resp: 1496945

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	33.1	24.5	36.7

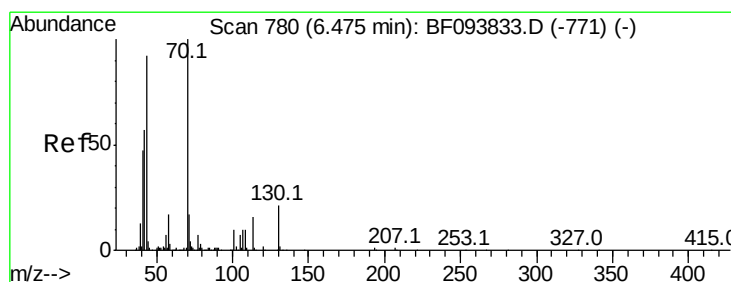
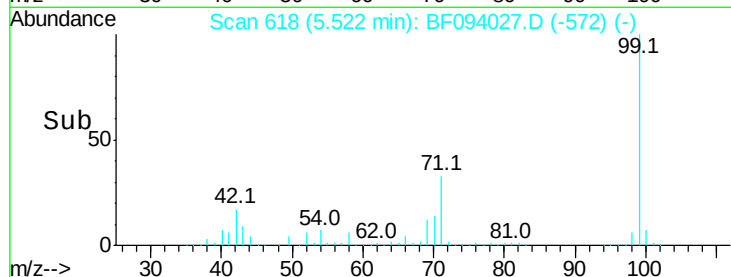
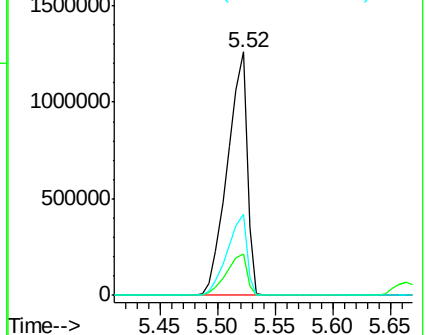


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 16.50 ng

RT: 6.57 min Scan# 796

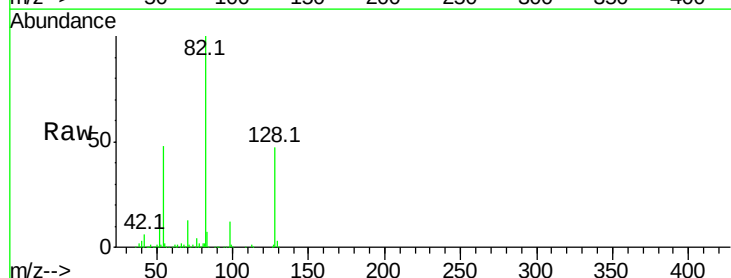
Delta R.T. 0.13 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

Tgt Ion: 70 Resp: 125299

Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



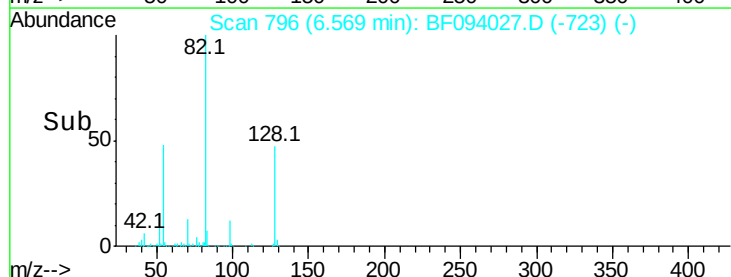
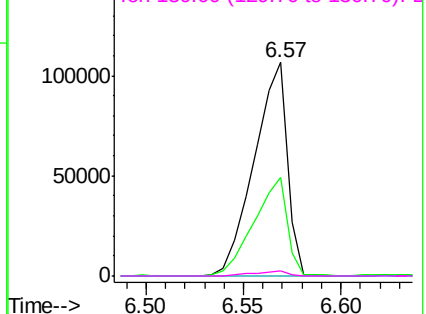
Abundance

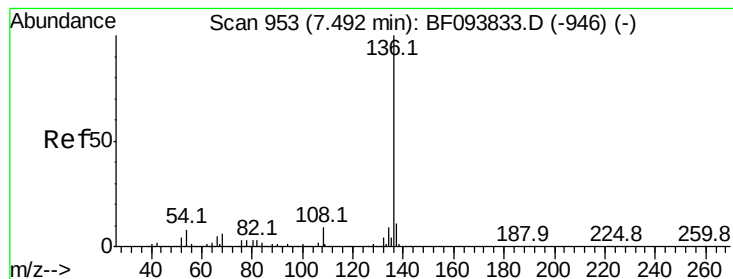
Ion 70.00 (69.70 to 70.70): BF0

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: 7.42 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-50

Tot Ion:136 Resp: 677426

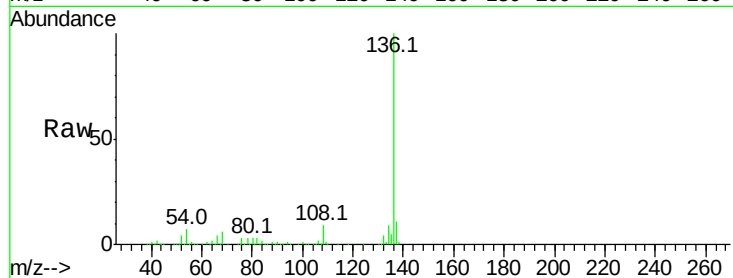
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1

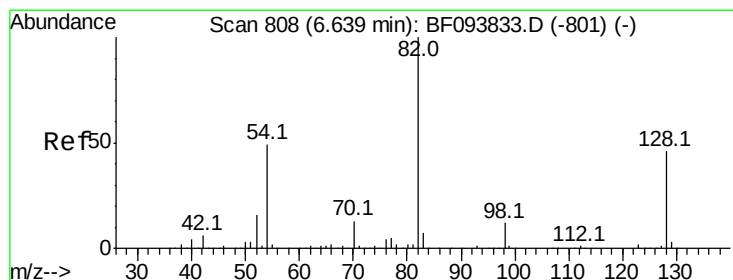
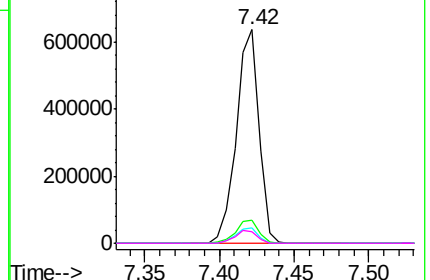
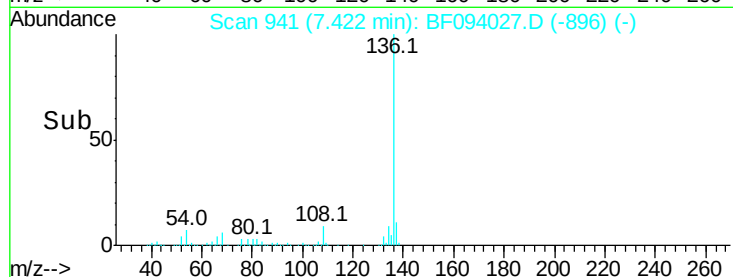


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.93 ng

RT: 6.57 min Scan# 796

Delta R.T. -0.04 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

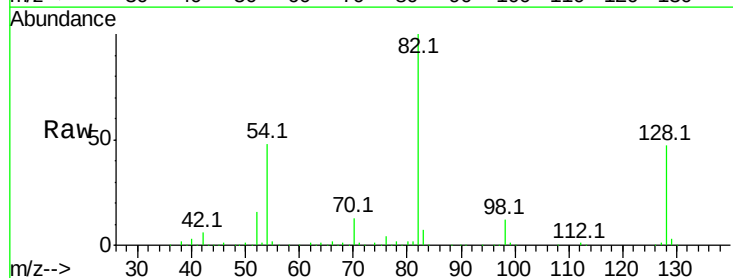
Tgt Ion: 82 Resp: 936981

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

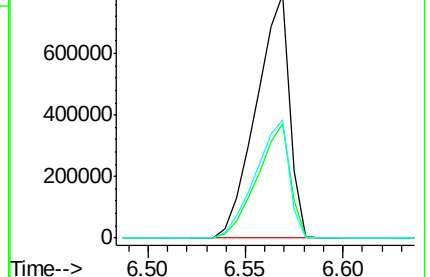
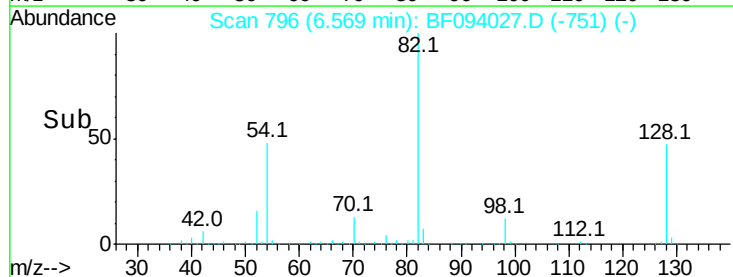
54 48.3 42.2 63.2

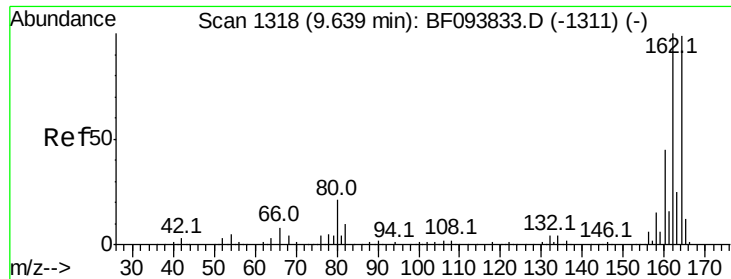


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

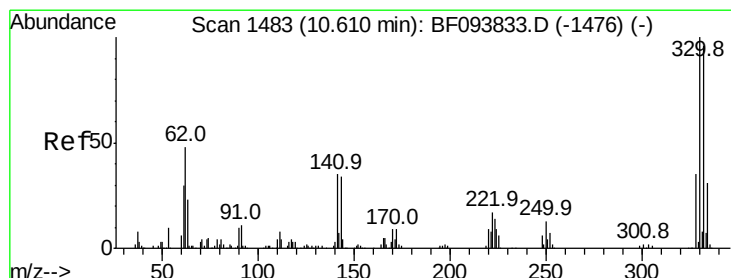
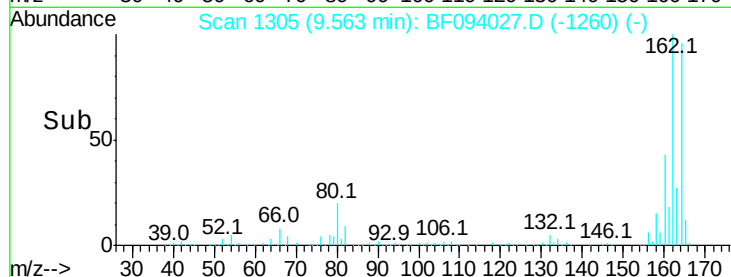
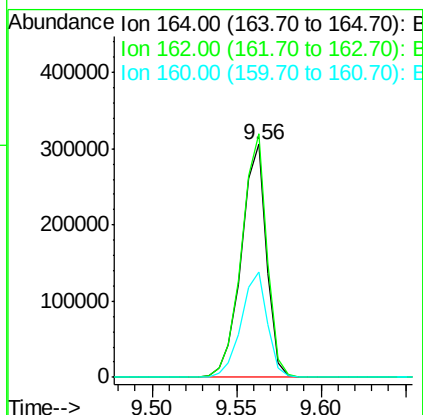
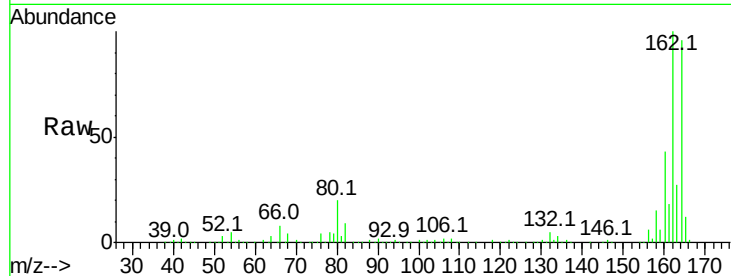




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF094027.D
 Acq: 29 Mar 2017 19:17

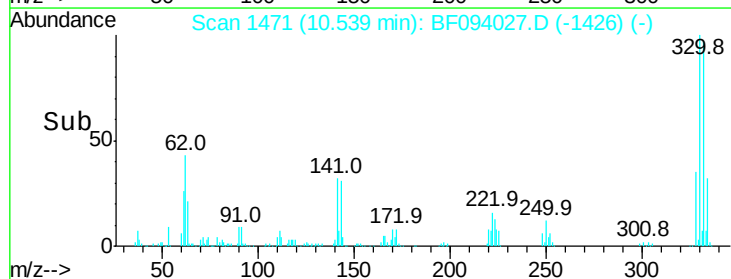
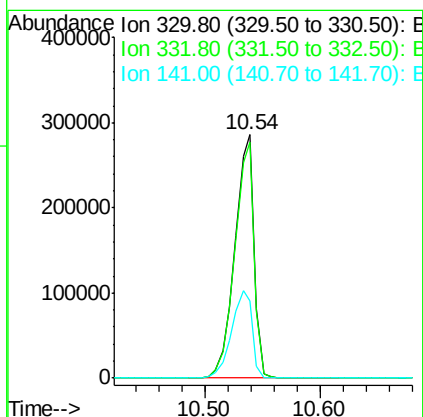
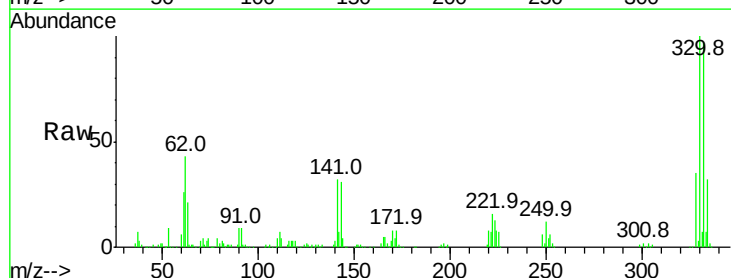
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-50

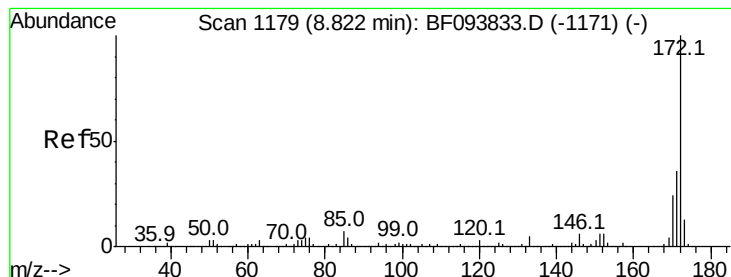
Tot Ion:164 Resp: 318685
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 45.2 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 131.11 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.04 min
 Lab File: BF094027.D
 Acq: 29 Mar 2017 19:17

Tgt Ion:330 Resp: 330171
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 38.4 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 75.84 ng

RT: 8.75 min Scan# 1166

Delta R.T. -0.04 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-50

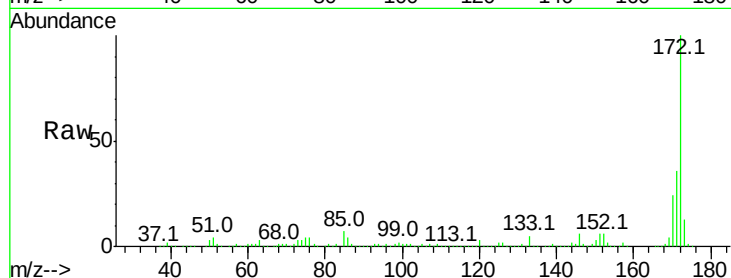
Tot Ion:172 Resp: 1584584

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

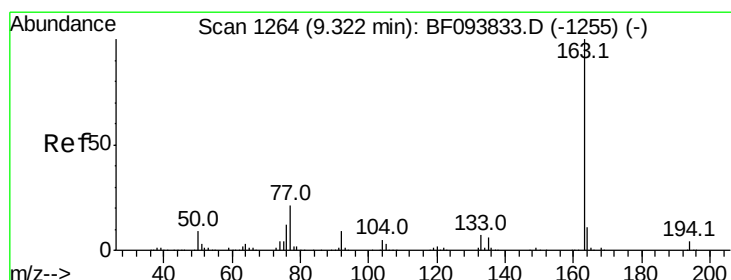
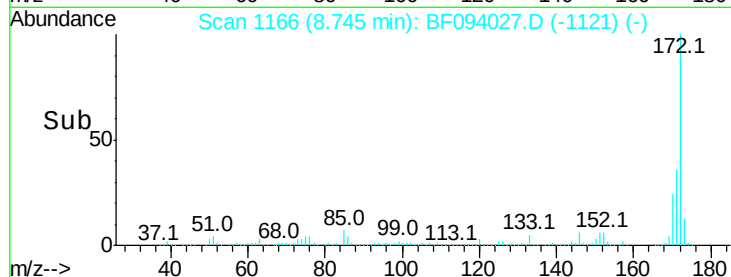
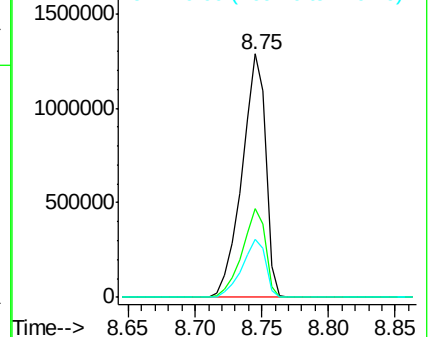
170 23.7 19.8 29.8



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: 4.10 ng

RT: 9.24 min Scan# 1250

Delta R.T. -0.05 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

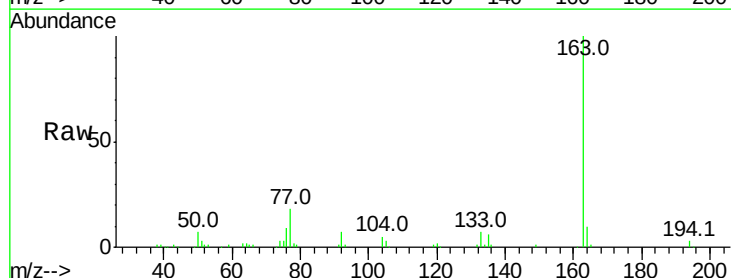
Tgt Ion:163 Resp: 92929

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

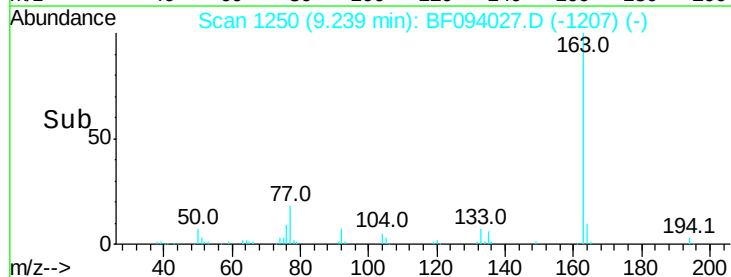
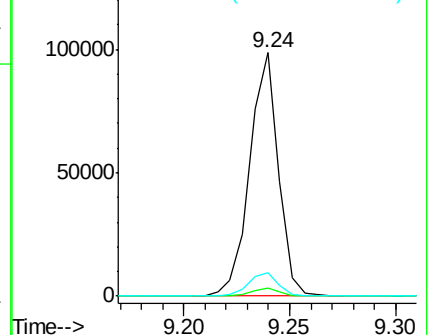
164 9.7 8.4 12.6

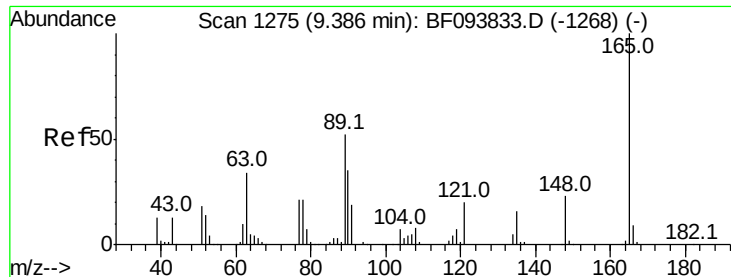


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

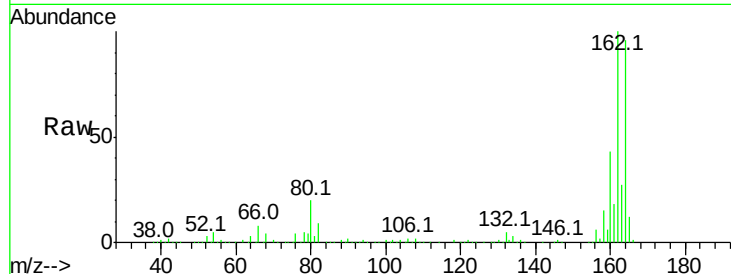




#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF094027.D
 Acq: 29 Mar 2017 19:17

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-50

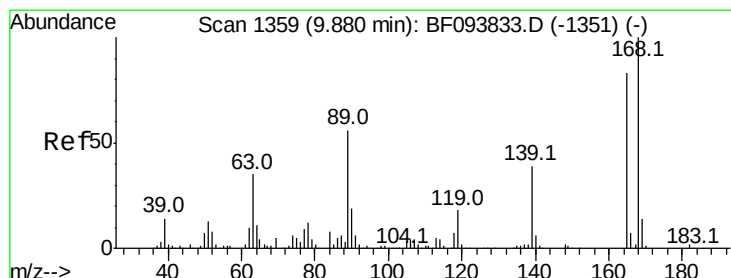
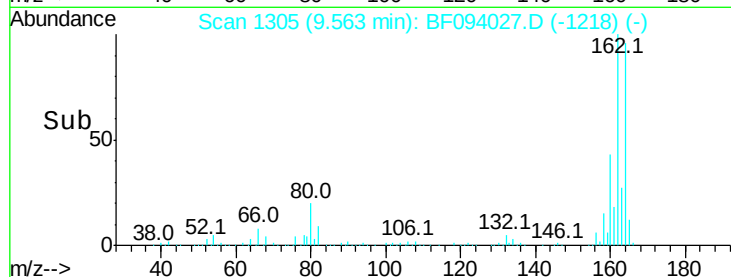
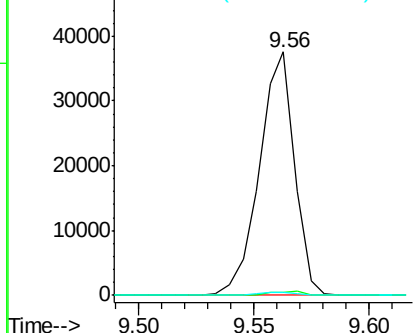
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.4	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

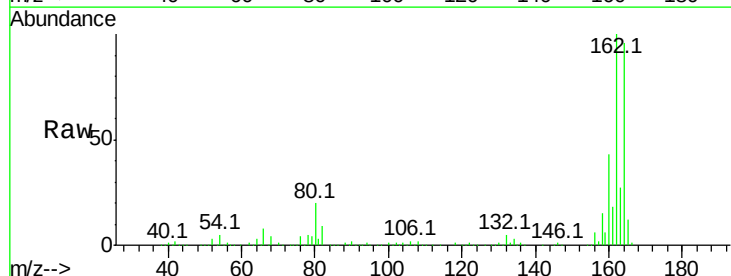
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.28 min
 Lab File: BF094027.D
 Acq: 29 Mar 2017 19:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

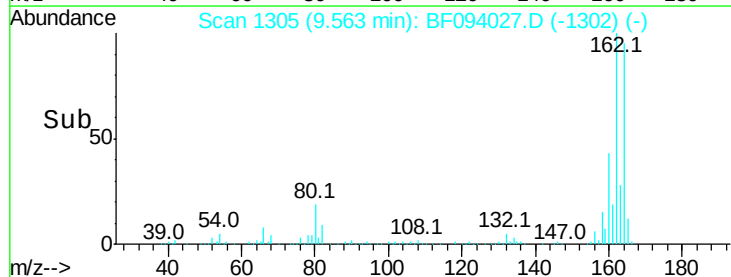
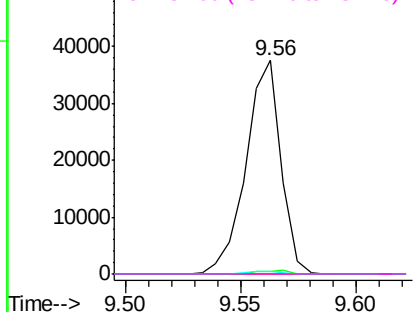


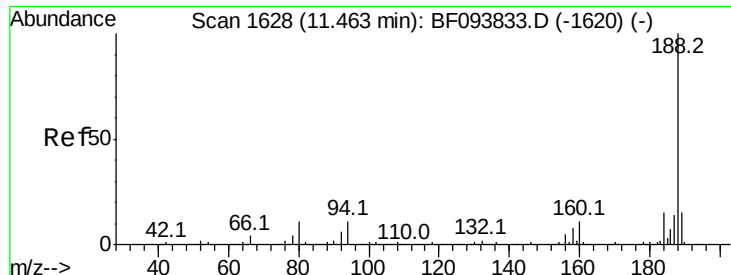
Abundance Ion 165.00 (164.70 to 165.70): E

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

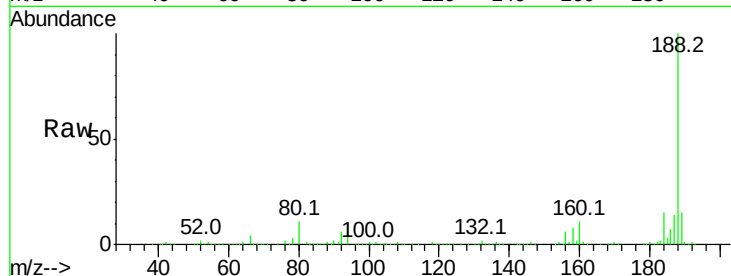




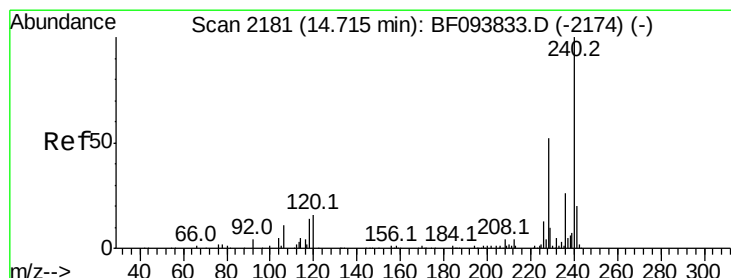
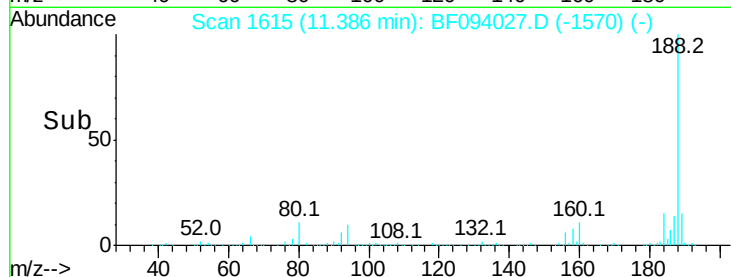
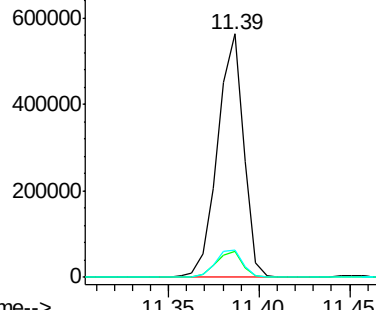
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.04 min
Lab File: BF094027.D
Acq: 29 Mar 2017 19:17

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-50

Tot Ion:188 Resp: 562970
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.0 10.2 15.2

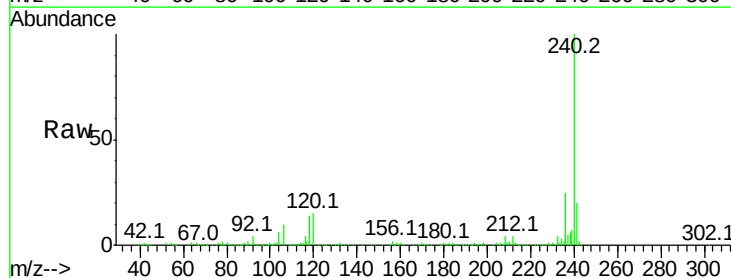


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

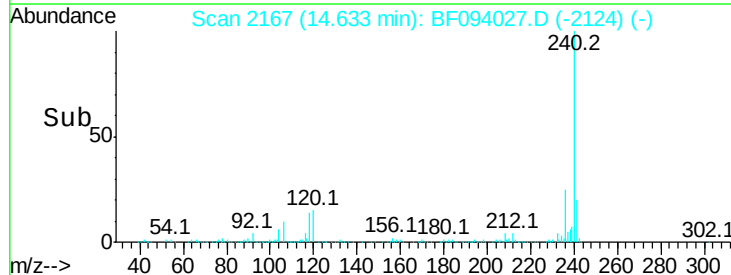
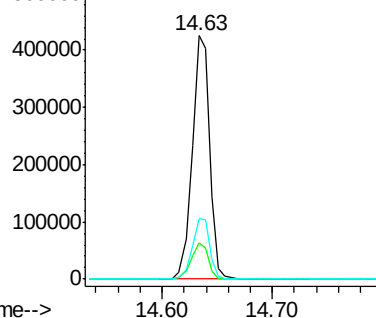


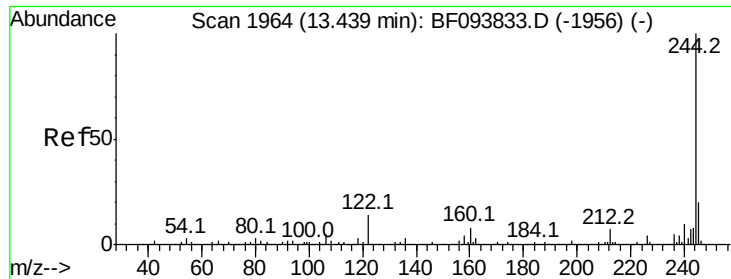
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.05 min
Lab File: BF094027.D
Acq: 29 Mar 2017 19:17

Tgt Ion:240 Resp: 466550
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.0 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: 64.03 ng

RT: 13.37 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-50

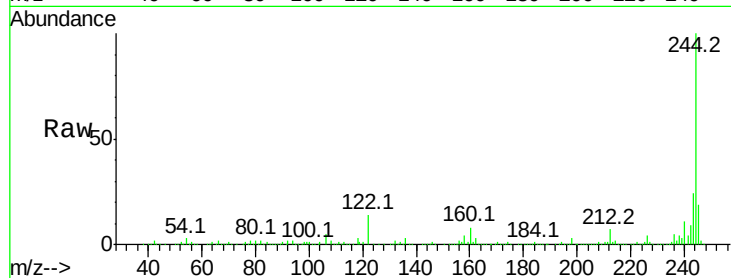
Tot Ion:244 Resp: 1332827

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

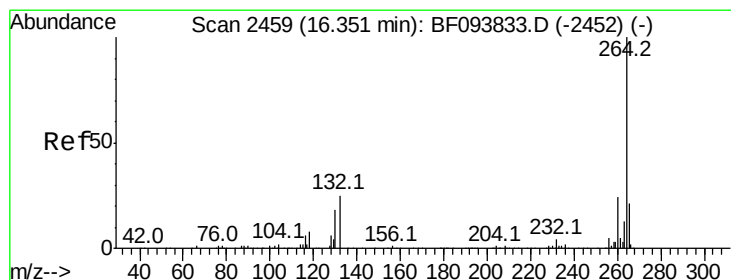
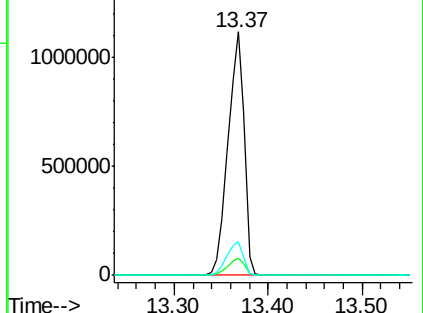
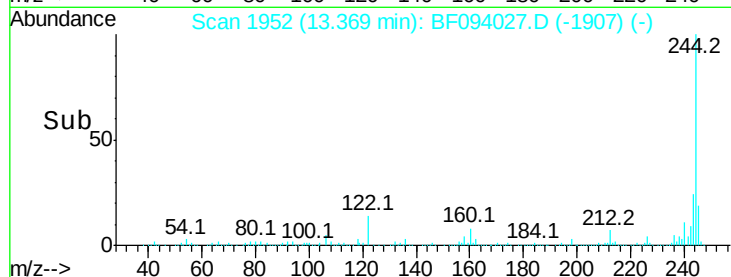
122 13.7 10.3 15.5



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: 16.27 min Scan# 2445

Delta R.T. -0.04 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

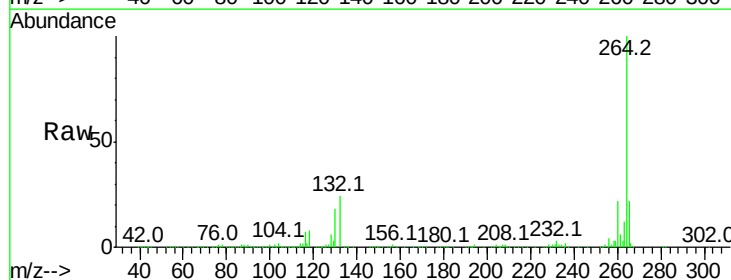
Tgt Ion:264 Resp: 333230

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 21.5 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

