

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094594.D
 Acq On : 24 Apr 2017 19:21
 Operator : SJ/MA
 Sample : I2790-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFFS-VNJ238-VNJ205-VNJ22

Quant Time: Apr 25 01:07:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

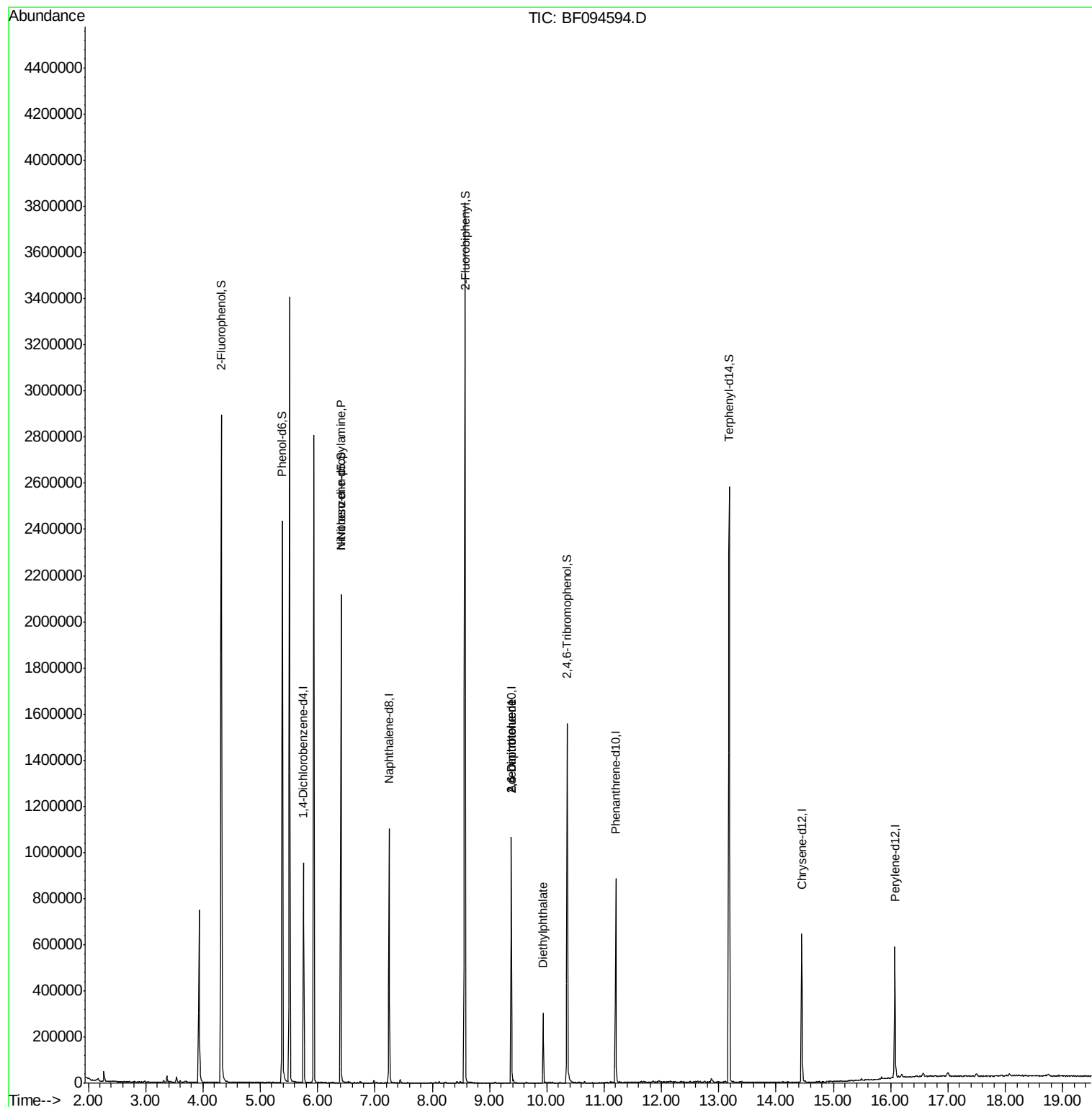
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	144627	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	558270	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	229755	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	367681	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	255513	20.00	ng	-0.02
86) Perylene-d12	16.07	264	235192	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	893111	102.45	ng	0.01
7) Phenol-d6	5.39	99	1047721	101.95	ng	0.00
23) Nitrobenzene-d5	6.41	82	766154	84.74	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	212080	118.01	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	1356181	86.85	ng	-0.01
78) Terphenyl-d14	13.18	244	962568	100.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	99941	14.68	ng	# 78
50) 2,6-Dinitrotoluene	9.38	165	29841	7.76	ng	# 33
56) 2,4-Dinitrotoluene	9.38	165	29840	6.33	ng	# 33
59) Diethylphthalate	9.94	149	118070	7.31	ng	100

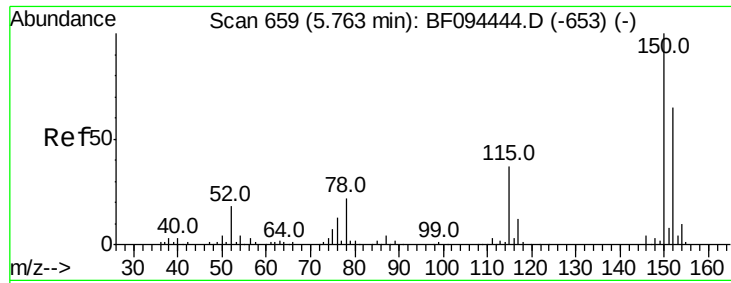
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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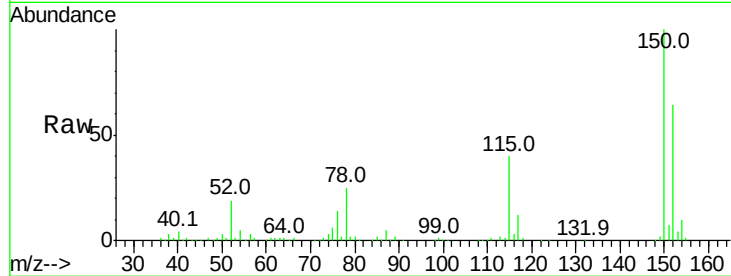


#1

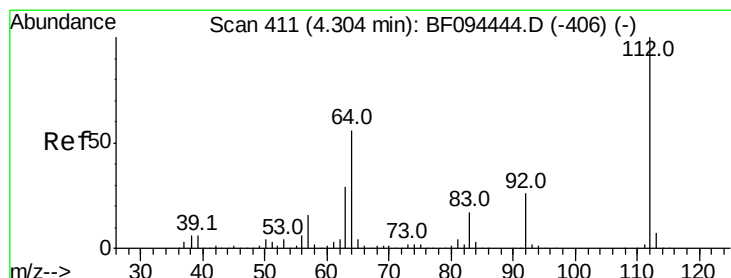
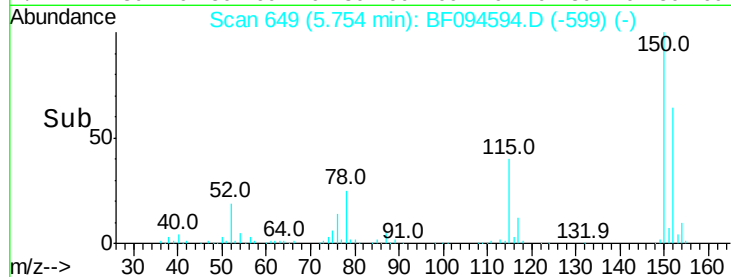
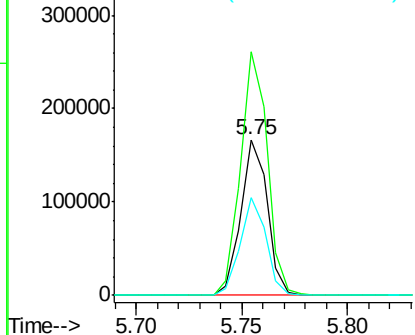
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094594.D
Acq: 24 Apr 2017 19:21

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

Tot Ion:152 Resp: 144627
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 63.0 52.2 78.2



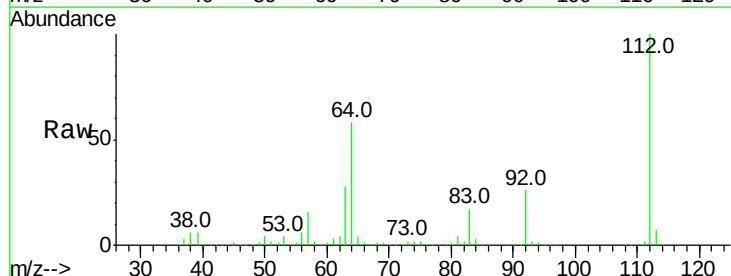
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



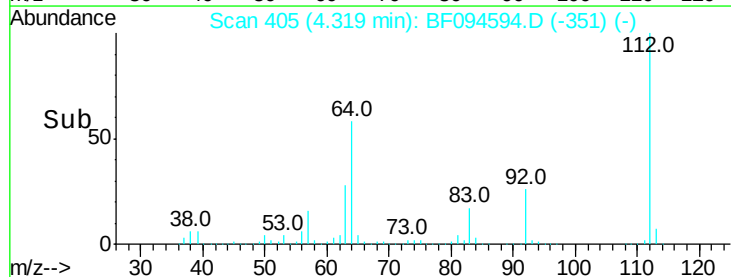
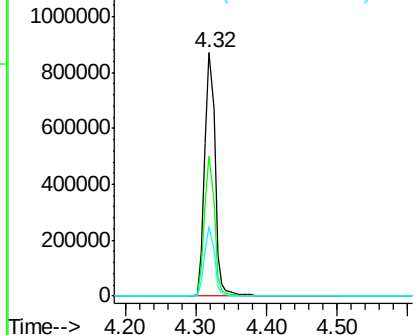
#5

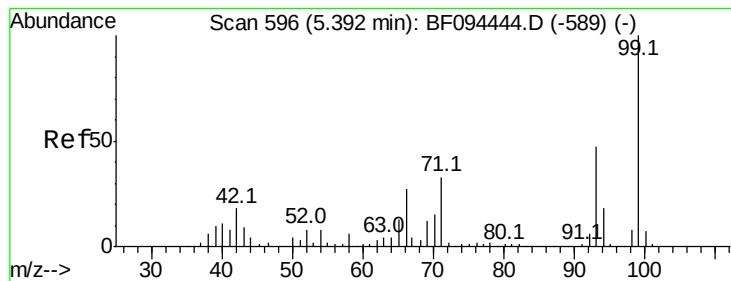
2-Fluorophenol
Concen: 102.45 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.01 min
Lab File: BF094594.D
Acq: 24 Apr 2017 19:21

Tgt Ion:112 Resp: 893111
Ion Ratio Lower Upper
112 100
64 57.7 46.0 69.0
63 28.5 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: 101.95 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094594.D

Acq: 24 Apr 2017 19:21

Instrument :

BNA_F

ClientSampleId :

ROLLOFFS-VNJ238-VNJ205-VNJ22

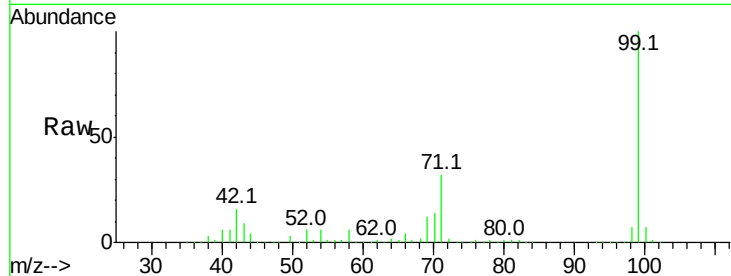
Tot Ion: 99 Resp: 1047721

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	31.9	24.5	36.7

99 100

42 16.1 13.5 20.3

71 31.9 24.5 36.7

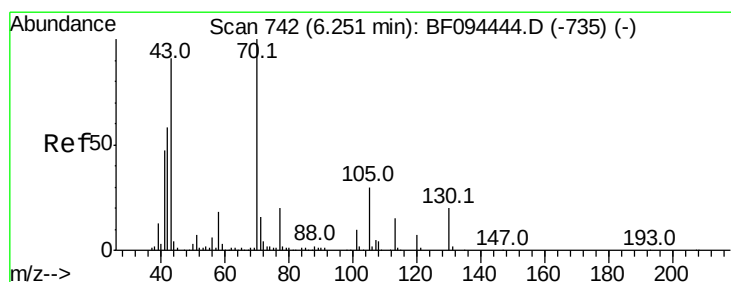
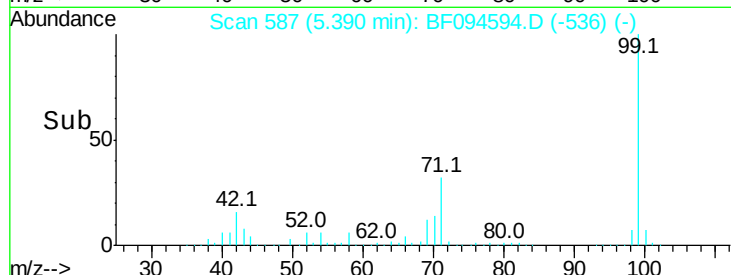
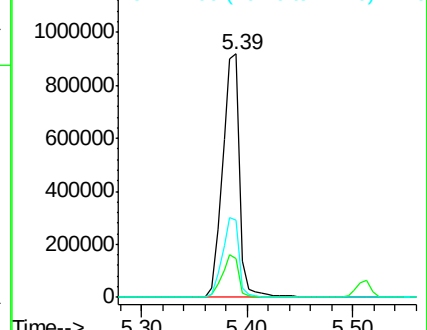


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 14.68 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.16 min

Lab File: BF094594.D

Acq: 24 Apr 2017 19:21

Tgt Ion: 70 Resp: 99941

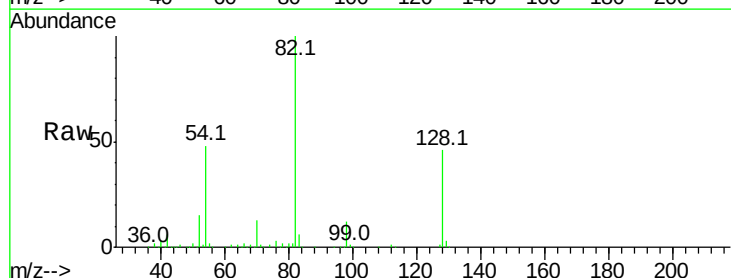
Ion	Ratio	Lower	Upper
70	100		
42	46.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.9	15.9	23.9#

70 100

42 46.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#



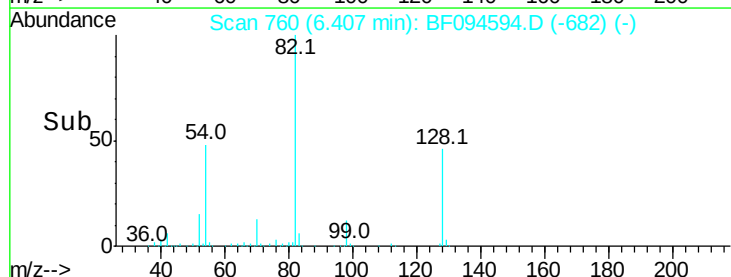
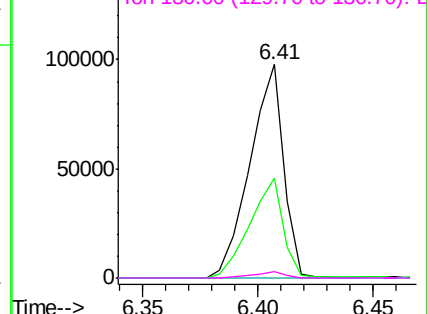
Abundance

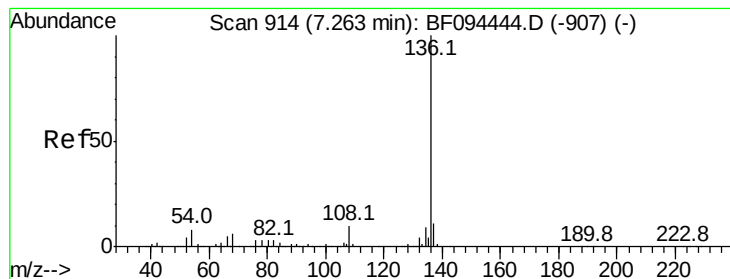
Ion 70.00 (69.70 to 70.70): BF0

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: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094594.D

Acq: 24 Apr 2017 19:21

Instrument :

BNA_F

ClientSampleId :

ROLLOFFS-VNJ238-VNJ205-VNJ22

Tot Ion:136 Resp: 558270

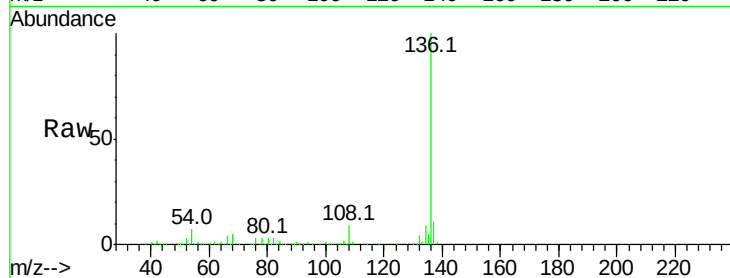
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.5 4.9 7.3

68 5.3 4.1 6.1

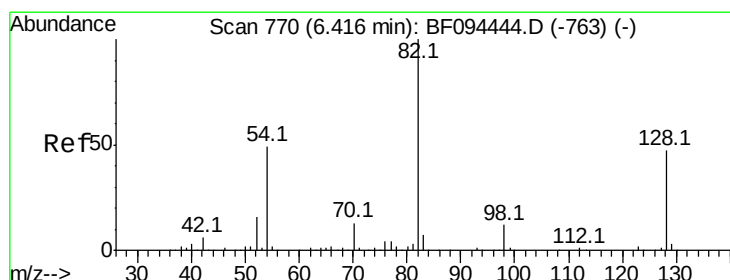
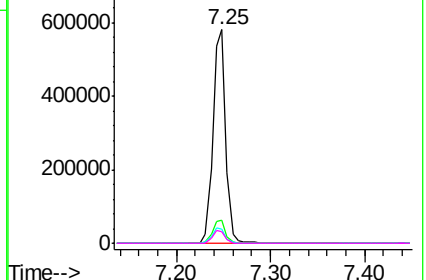
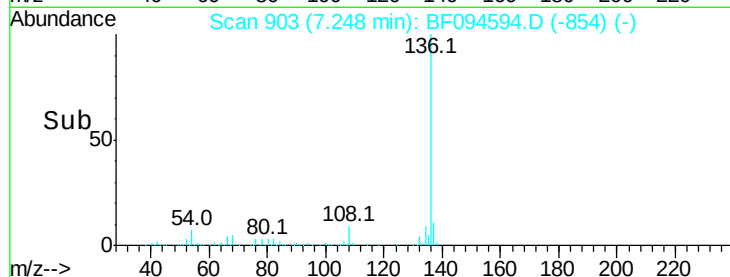


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.74 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094594.D

Acq: 24 Apr 2017 19:21

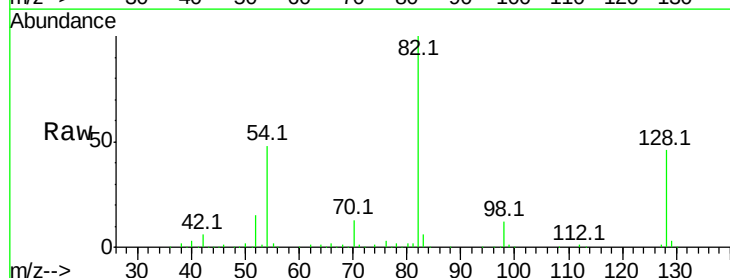
Tgt Ion: 82 Resp: 766154

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

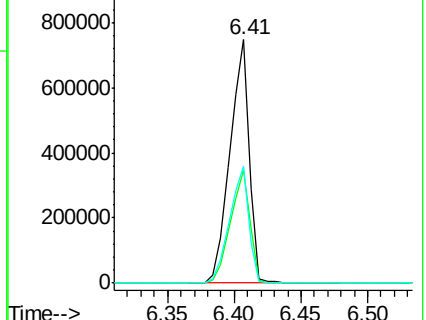
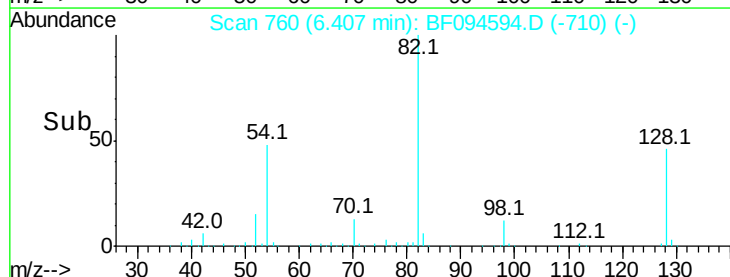
54 48.2 42.2 63.2

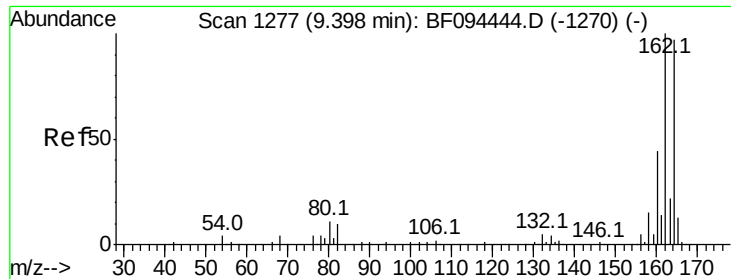


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094594.D

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ROLLOFFS-VNJ238-VNJ205-VNJ22

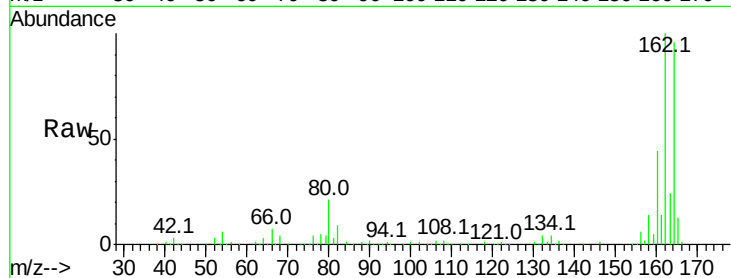
Tot Ion:164 Resp: 229755

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

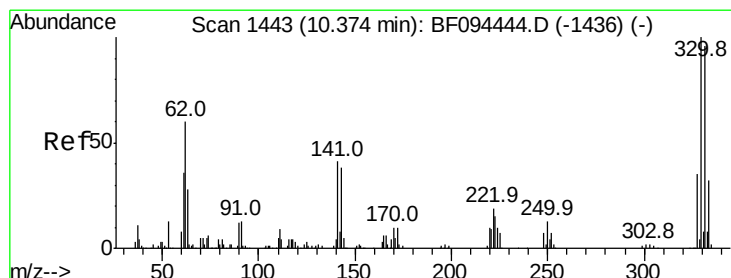
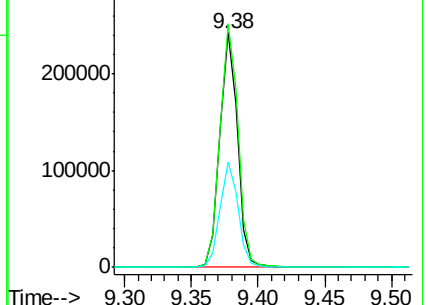
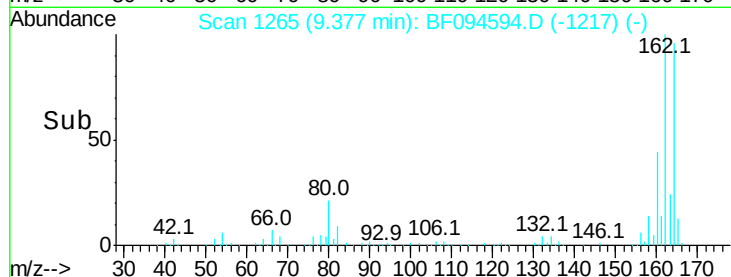
160 45.3 36.2 54.2



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: 118.01 ng

RT: 10.35 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF094594.D

Acq: 24 Apr 2017 19:21

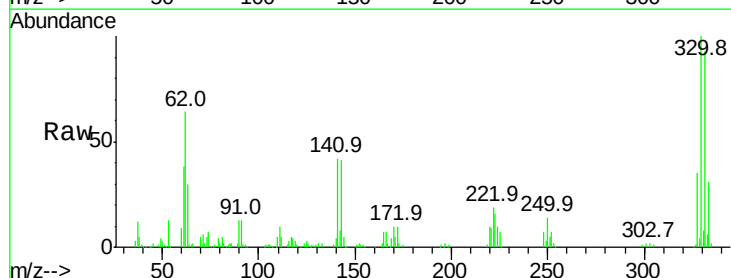
Tgt Ion:330 Resp: 212080

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

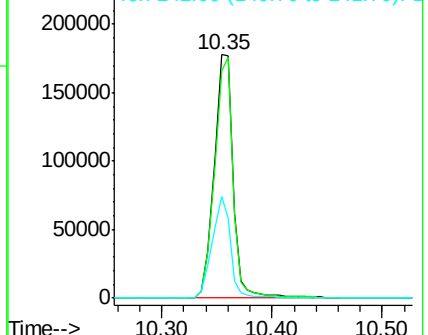
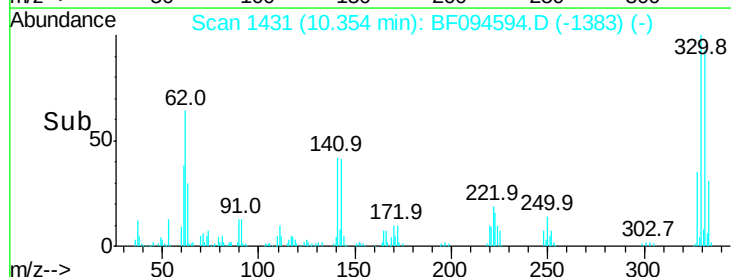
141 39.9 31.4 47.2

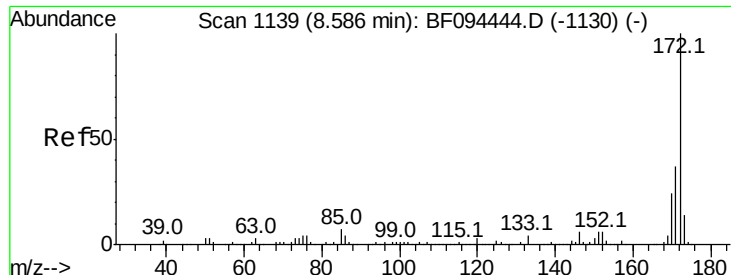


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



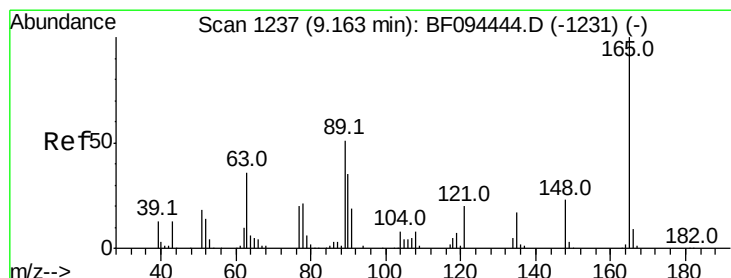
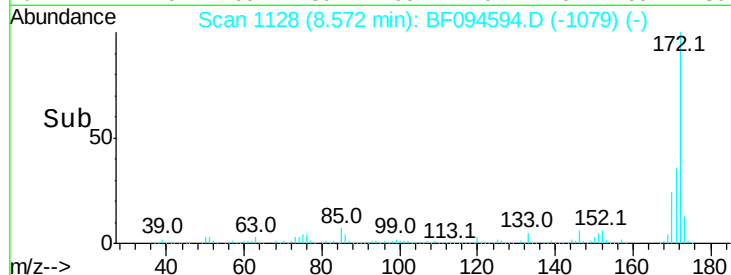
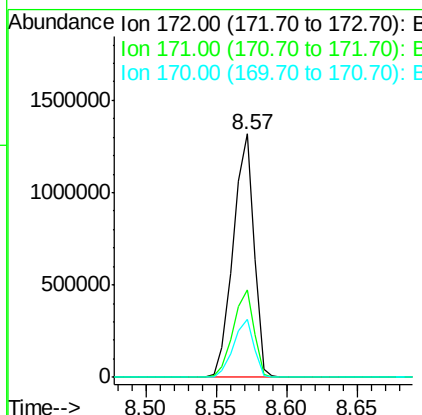
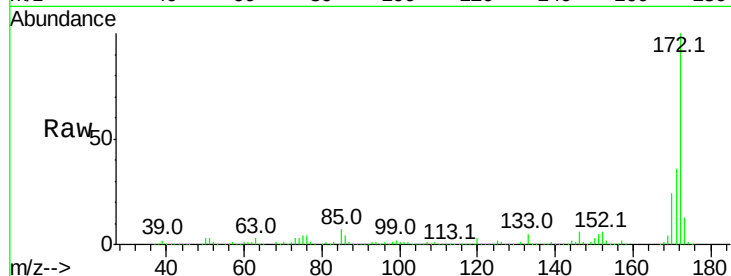


#44
 2-Fluorobiphenyl
 Concen: 86.85 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094594.D
 Acq: 24 Apr 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFFS-VNJ238-VNJ205-VNJ22

Tot Ion:172 Resp: 1356181

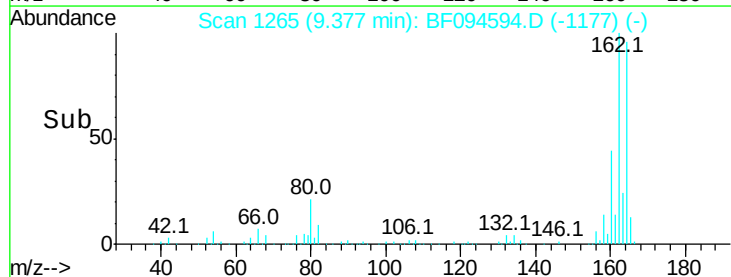
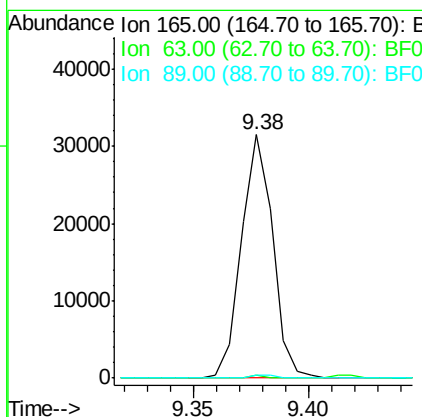
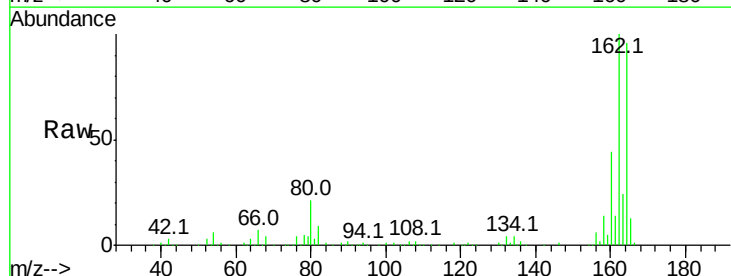
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.9	19.8	29.8

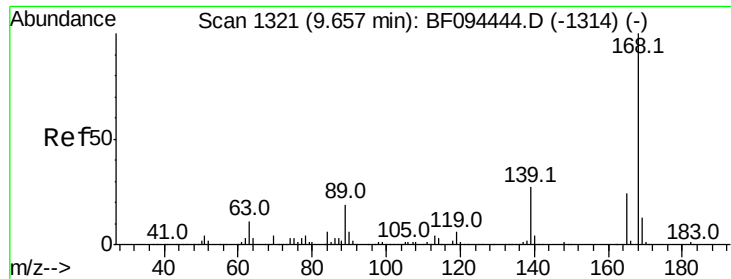


#50
 2,6-Dinitrotoluene
 Concen: 7.76 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. 0.21 min
 Lab File: BF094594.D
 Acq: 24 Apr 2017 19:21

Tgt Ion:165 Resp: 29841

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.1	37.1	55.7#

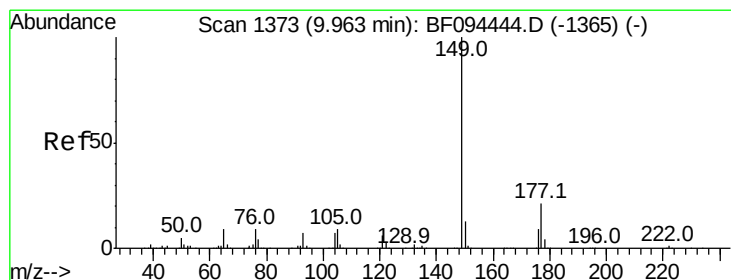
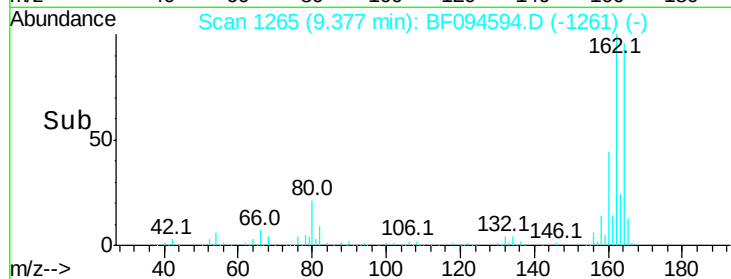
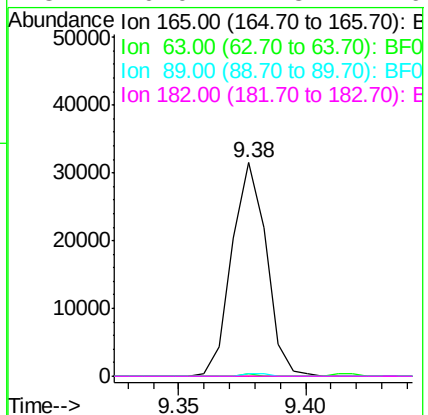
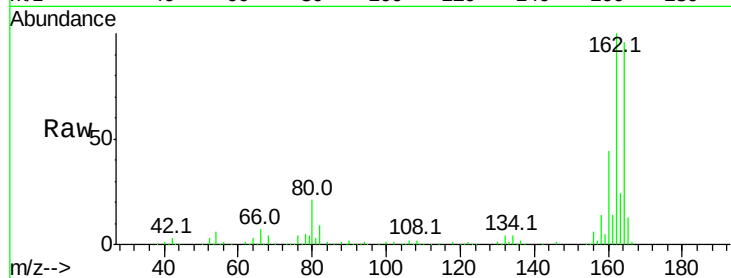




#56
 2,4-Dinitrotoluene
 Concen: 6.33 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094594.D
 Acq: 24 Apr 2017 19:21

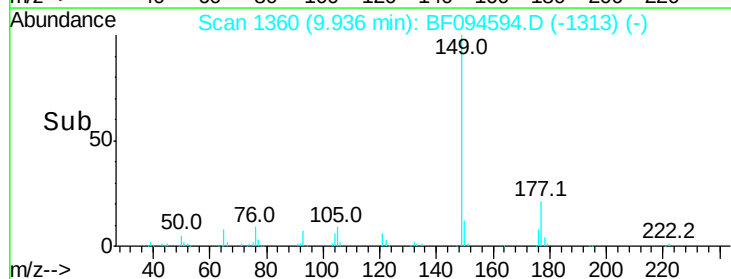
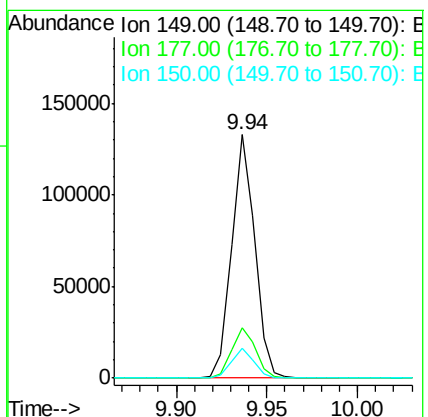
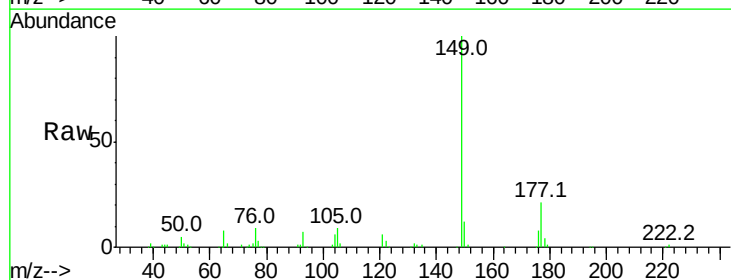
Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFFS-VNJ238-VNJ205-VNJ22

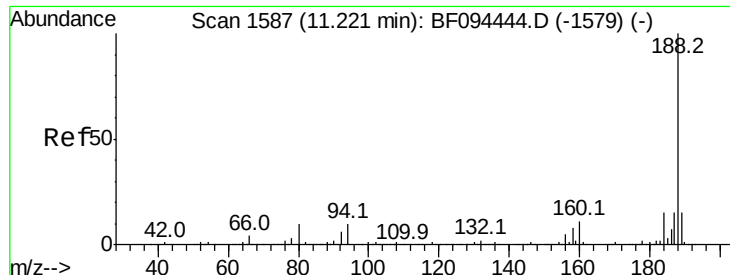
Tot Ion:	165	Resp:	29840
Ion Ratio	Lower	Upper	
165	100		
63	1.3	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#



#59
 Diethylphthalate
 Concen: 7.31 ng
 RT: 9.94 min Scan# 1360
 Delta R.T. -0.03 min
 Lab File: BF094594.D
 Acq: 24 Apr 2017 19:21

Tgt Ion:	149	Resp:	118070
Ion Ratio	Lower	Upper	
149	100		
177	20.9	16.7	25.1
150	12.4	10.2	15.2

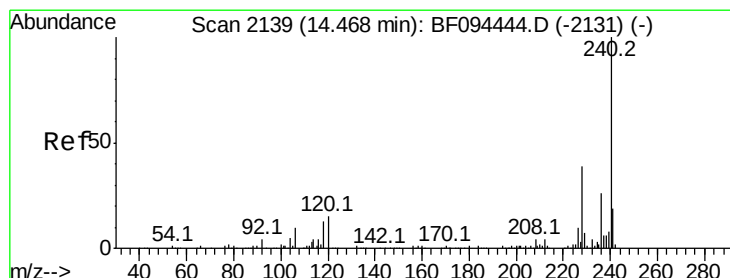
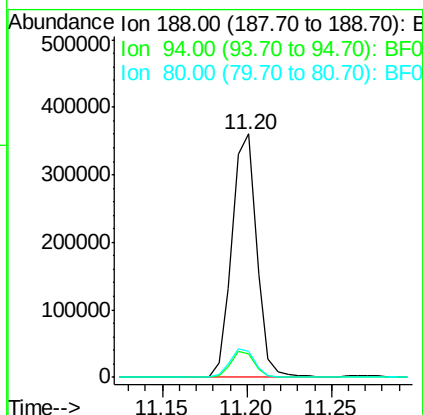
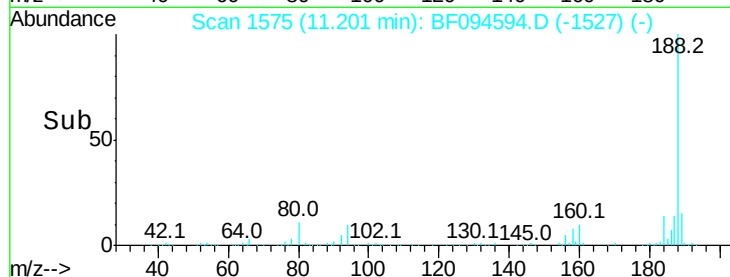
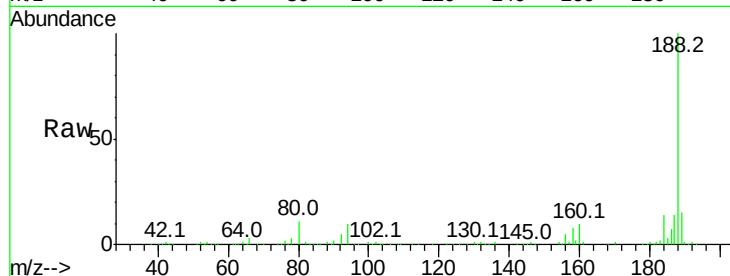




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094594.D
Acq: 24 Apr 2017 19:21

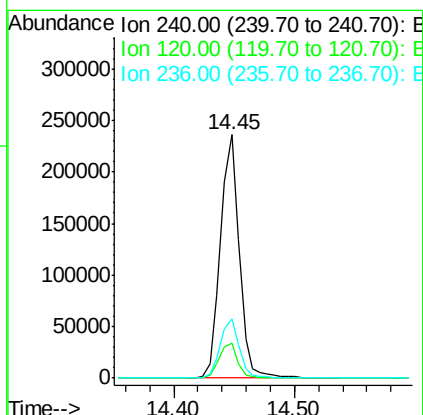
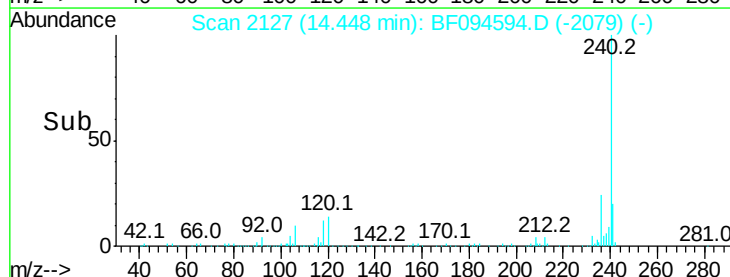
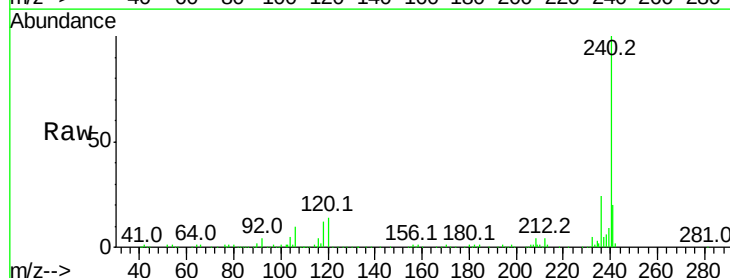
Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-VNJ238-VNJ205-VNJ22

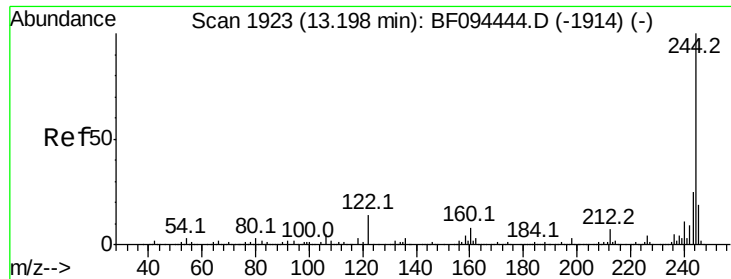
Tot Ion:188 Resp: 367681
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BF094594.D
Acq: 24 Apr 2017 19:21

Tgt Ion:240 Resp: 255513
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 24.1 20.5 30.7

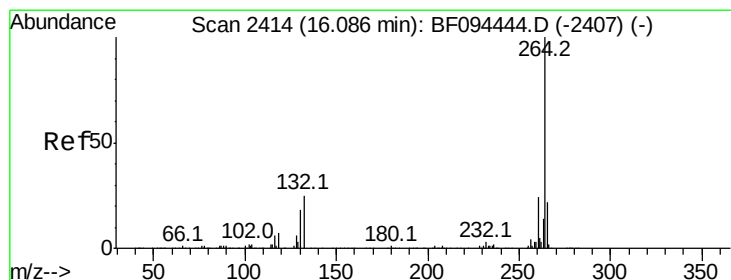
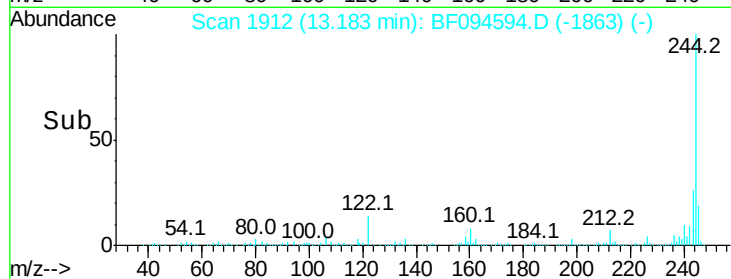
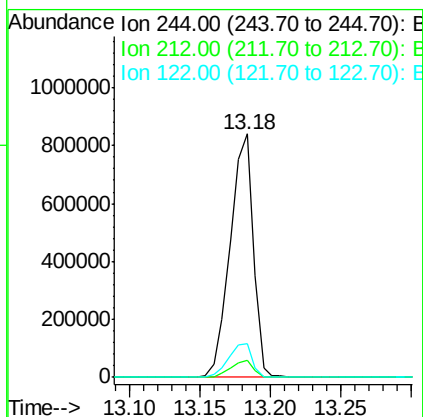
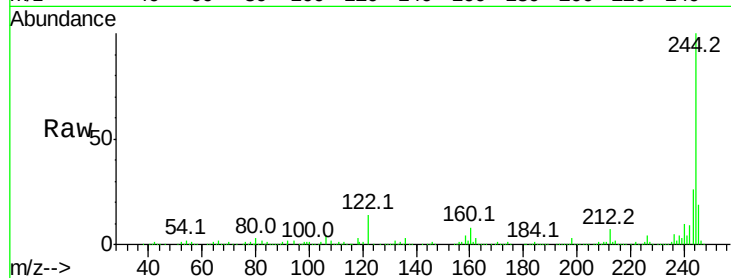




#78
 Terphenyl-d14
 Concen: 100.69 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094594.D
 Acq: 24 Apr 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFFS-VNJ238-VNJ205-VNJ22

Tot Ion:244 Resp: 962568
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BF094594.D
 Acq: 24 Apr 2017 19:21

Tgt Ion:264 Resp: 235192
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 20.4 17.2 25.8

