

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093495.D
 Acq On : 10 Mar 2017 00:24
 Operator : SJ/MA
 Sample : I2010-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB428

Quant Time: Mar 10 04:23:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

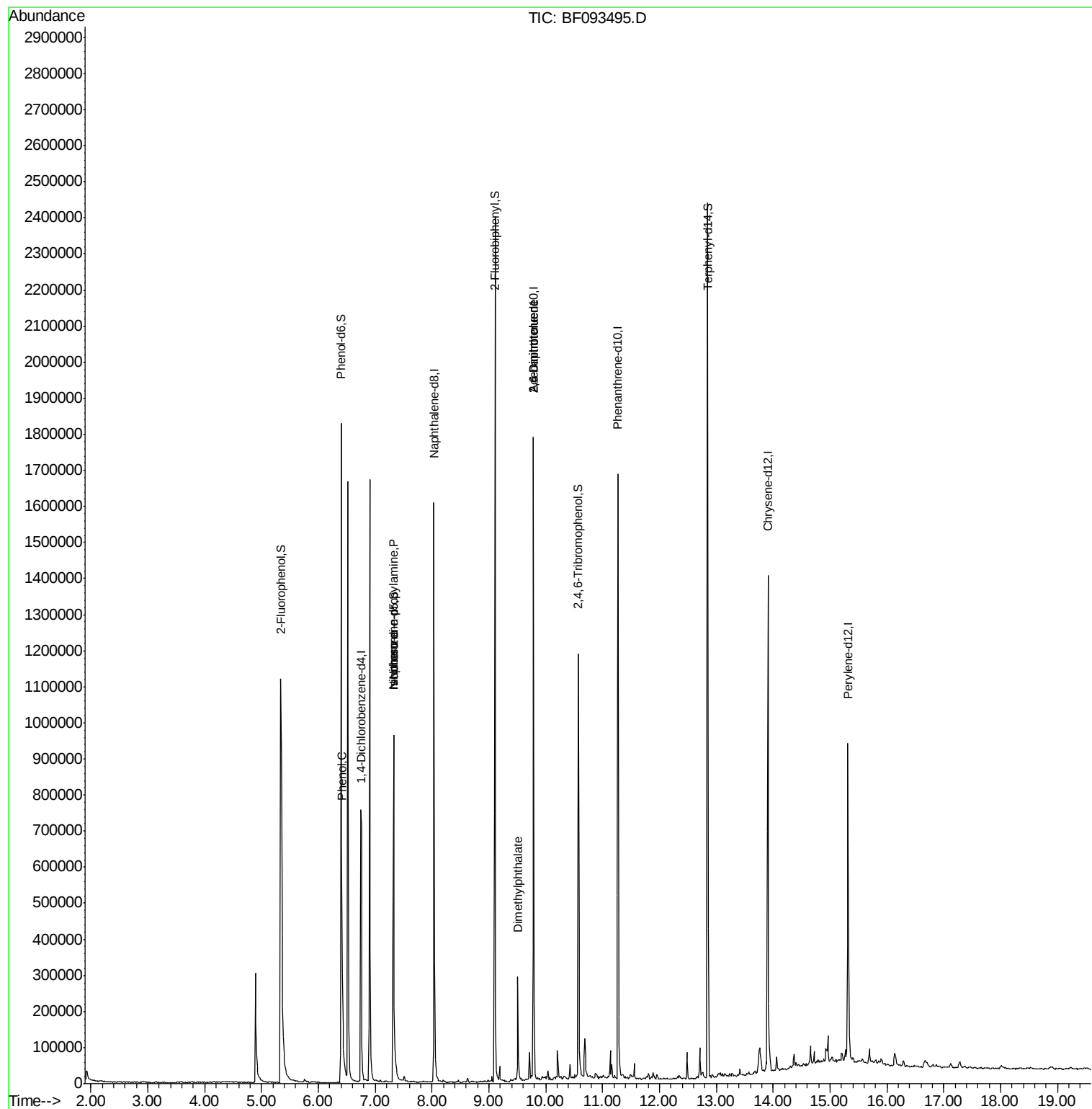
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	175971	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	709264	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	339449	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	636676	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	541100	20.00	ng	-0.01
86) Perylene-d12	15.32	264	379064	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	571825	54.08	ng	-0.01
7) Phenol-d6	6.40	99	781426	58.61	ng	-0.01
23) Nitrobenzene-d5	7.33	82	456026	35.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	125830	56.90	ng	-0.02
44) 2-Fluorobiphenyl	9.11	172	784299	42.98	ng	-0.02
78) Terphenyl-d14	12.85	244	672058	32.29	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.40	77	1819	Below Cal	#	1
10) Phenol	6.41	94	47070	2.88	ng	88
19) n-Nitroso-di-n-propylamine	7.33	70	59347	6.47	ng	78
25) Isophorone	7.33	82	457198	17.74	ng	65
49) Dimethylphthalate	9.51	163	110699	4.92	ng	98
50) 2,6-Dinitrotoluene	9.78	165	43377	8.78	ng	32
56) 2,4-Dinitrotoluene	9.78	165	43379	7.15	ng	21

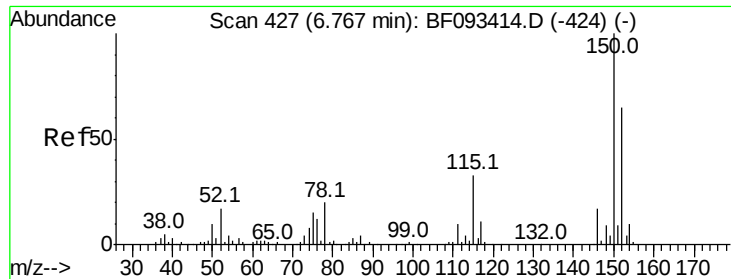
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093495.D
Acq On : 10 Mar 2017 00:24
Operator : SJ/MA
Sample : I2010-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB428

Quant Time: Mar 10 04:23:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093495.D

Acq: 10 Mar 2017 00:24

Instrument :

BNA_F

ClientSampleId :

HY-SB428

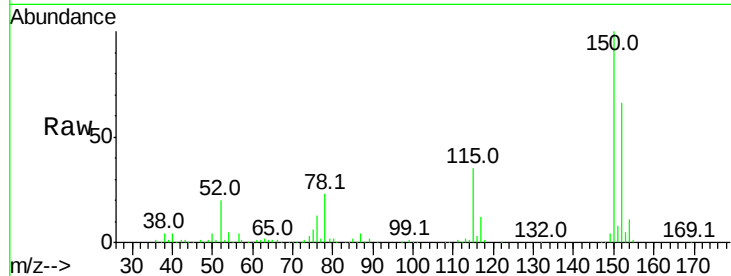
Tot Ion:152 Resp: 175971

Ion Ratio Lower Upper

152 100

150 151.3 124.9 187.3

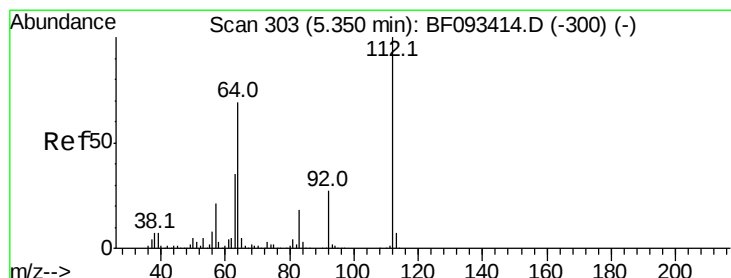
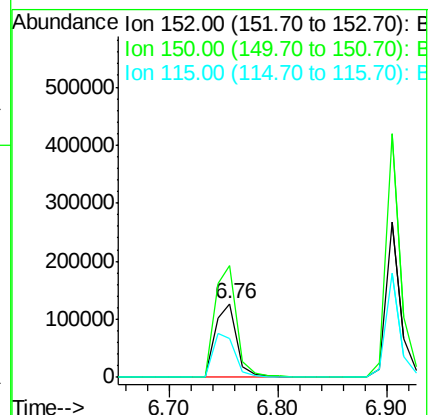
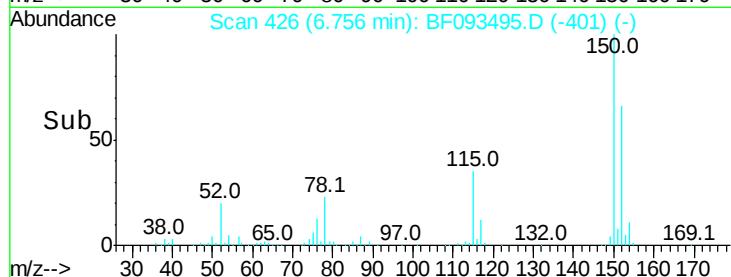
115 52.9 46.0 69.0



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: 54.08 ng

RT: 5.34 min Scan# 302

Delta R.T. -0.01 min

Lab File: BF093495.D

Acq: 10 Mar 2017 00:24

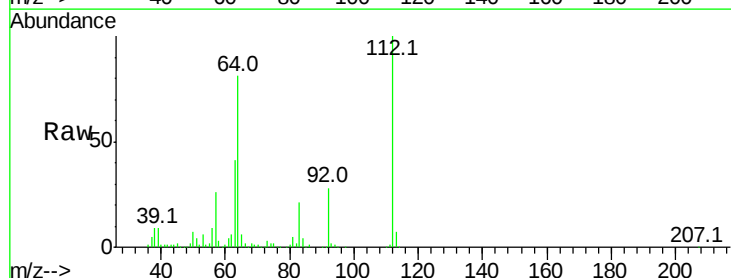
Tgt Ion:112 Resp: 571825

Ion Ratio Lower Upper

112 100

64 81.0 46.1 69.1#

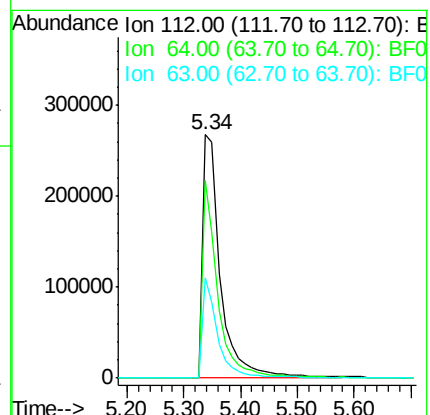
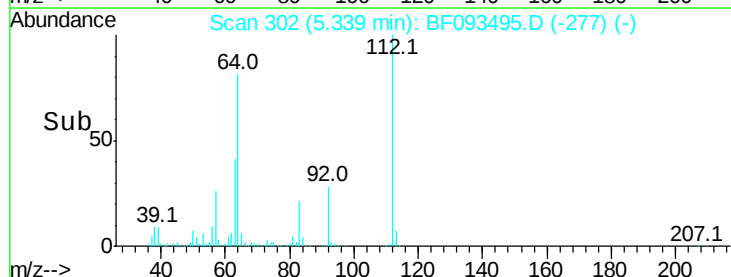
63 41.0 23.8 35.6#

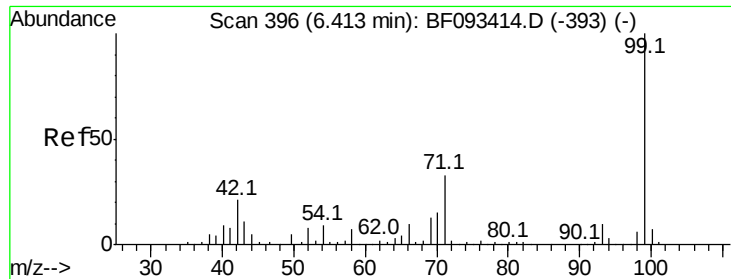


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 58.61 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093495.D

Acq: 10 Mar 2017 00:24

Instrument :

BNA_F

ClientSampleId :

HY-SB428

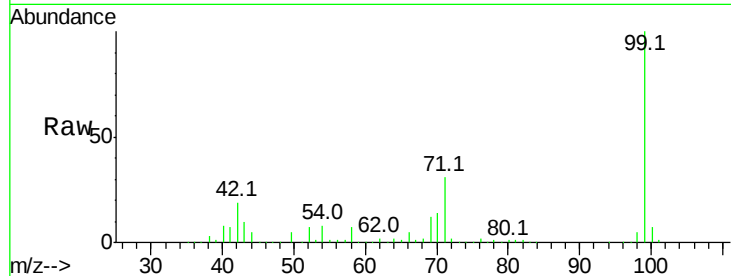
Tot Ion: 99 Resp: 781426

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

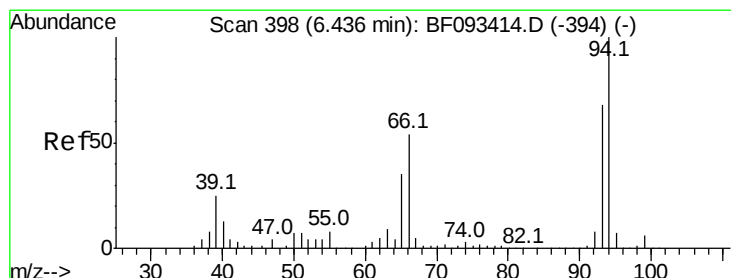
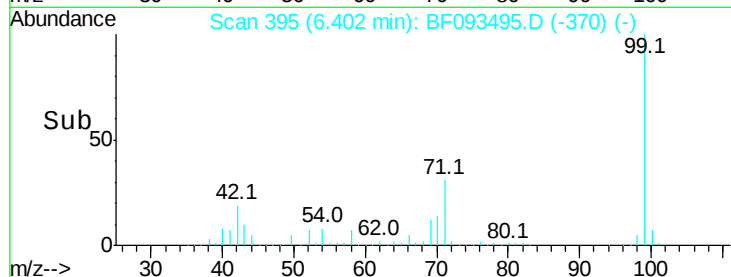
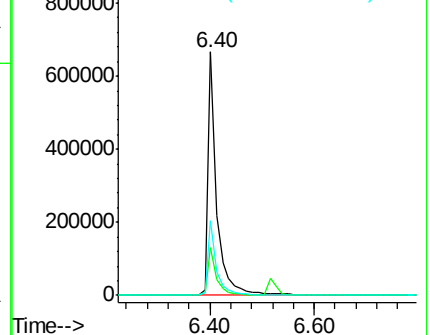
71 30.7 27.5 41.3



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: 2.88 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF093495.D

Acq: 10 Mar 2017 00:24

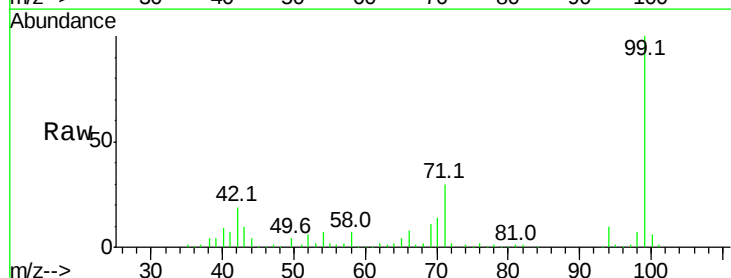
Tgt Ion: 94 Resp: 47070

Ion Ratio Lower Upper

94 100

65 39.1 21.4 61.4

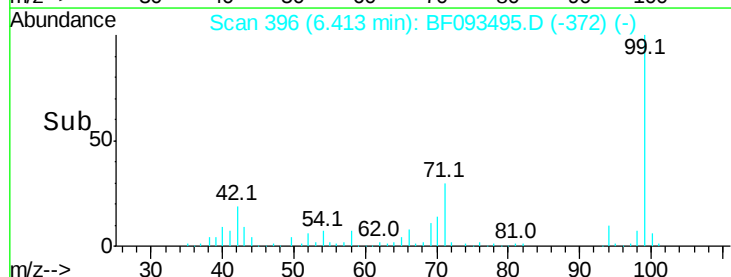
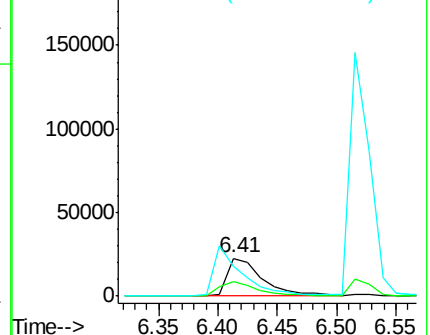
66 77.6 44.0 84.0

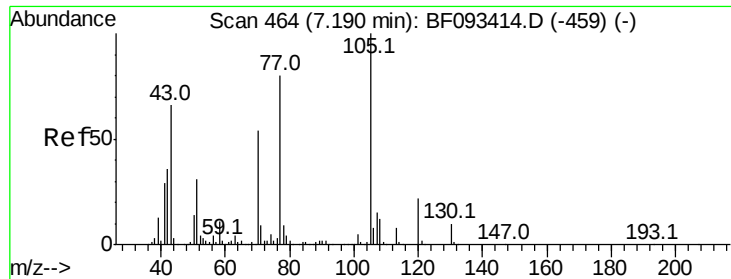


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

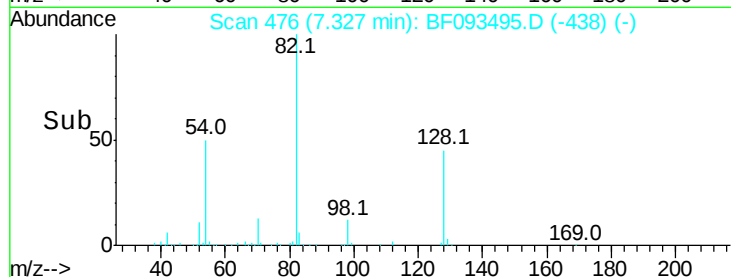
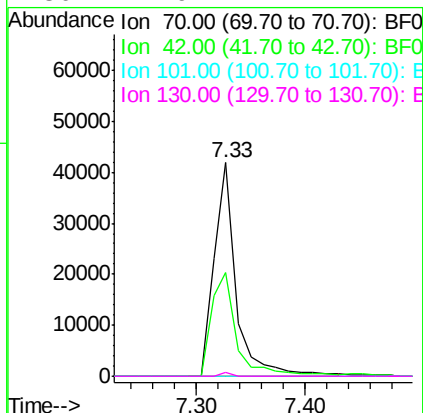
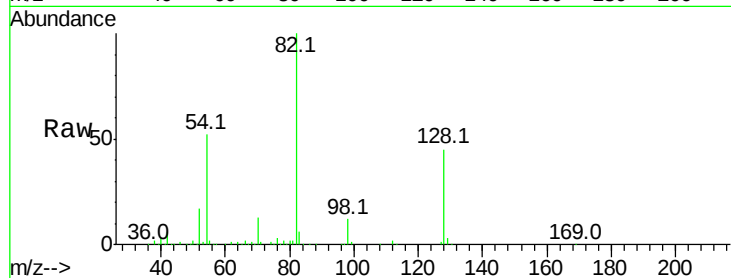




#19
n-Nitroso-di-n-propylamine
Concen: 6.47 ng
RT: 7.33 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF093495.D
Acq: 10 Mar 2017 00:24

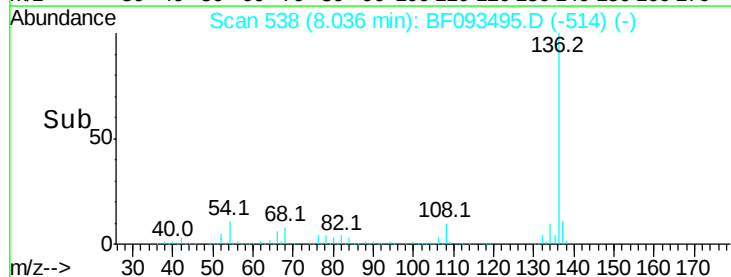
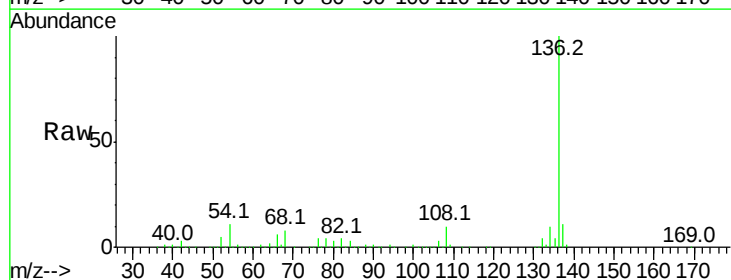
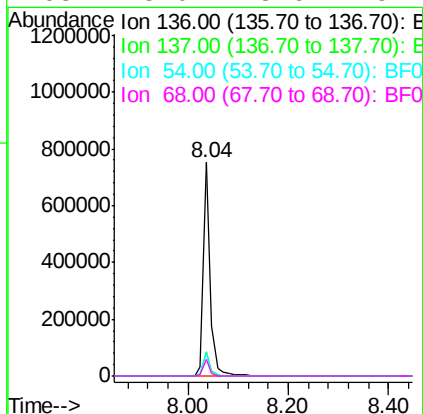
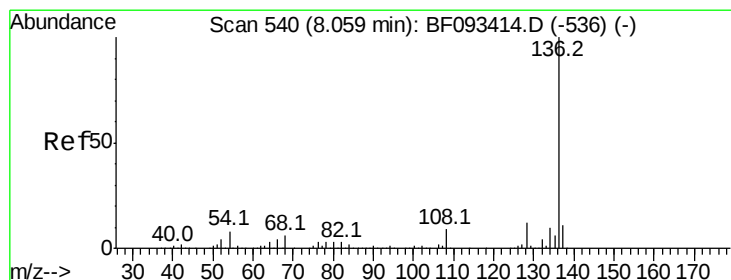
Instrument :
BNA_F
ClientSampleId :
HY-SB428

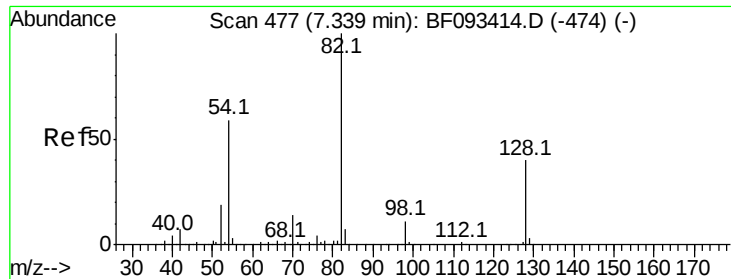
Tot Ion: 70 Resp: 59347
Ion Ratio Lower Upper
70 100
42 48.7 49.4 74.0#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093495.D
Acq: 10 Mar 2017 00:24

Tgt Ion: 136 Resp: 709264
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 10.8 4.5 6.7#
68 8.0 3.6 5.4#

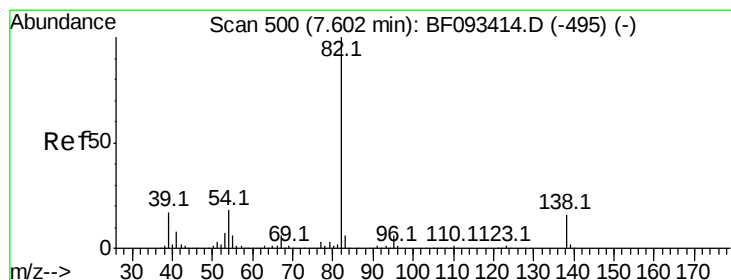
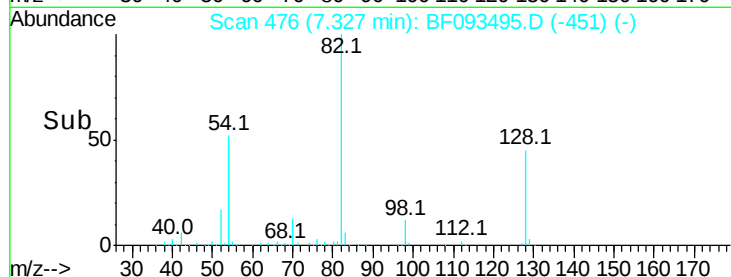
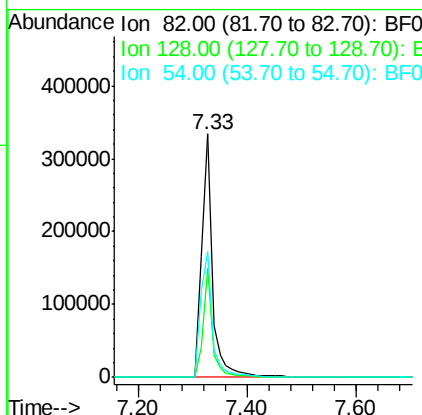
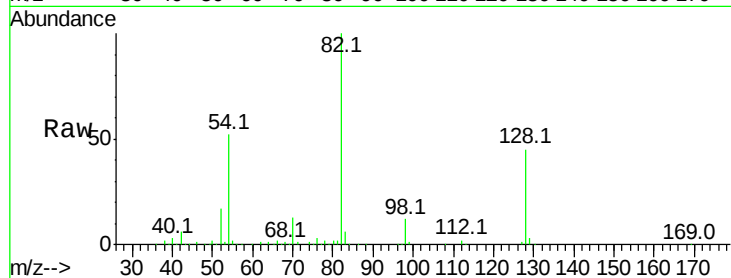




#23
 Nitrobenzene-d5
 Concen: 35.67 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF093495.D
 Acq: 10 Mar 2017 00:24

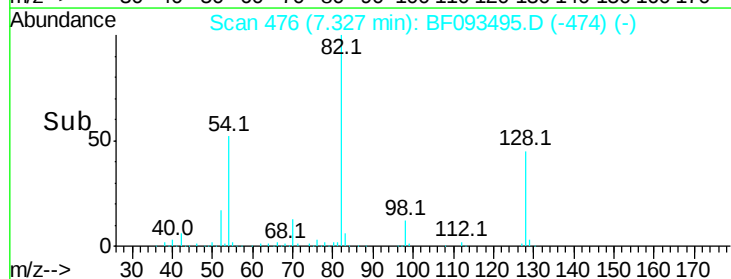
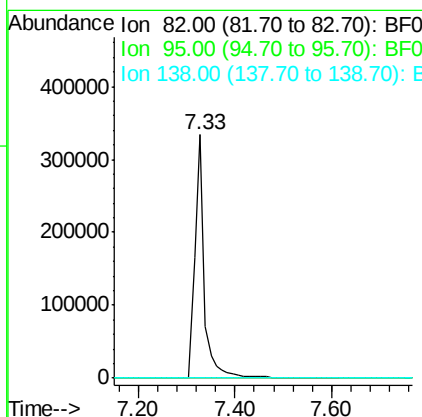
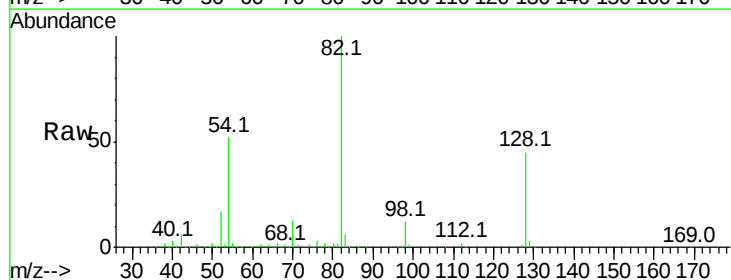
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB428

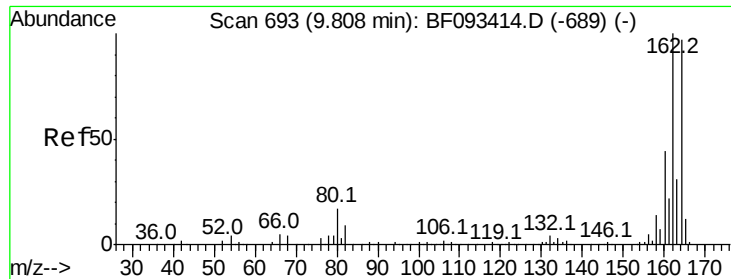
Tot Ion	82	Resp	456026
Ion Ratio	Lower	Upper	
82	100		
128	45.0	34.6	52.0
54	51.7	39.5	59.3



#25
 Isophorone
 Concen: 17.74 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.27 min
 Lab File: BF093495.D
 Acq: 10 Mar 2017 00:24

Tgt Ion	82	Resp	457198
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

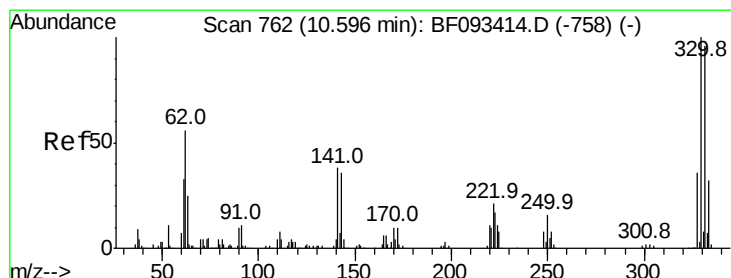
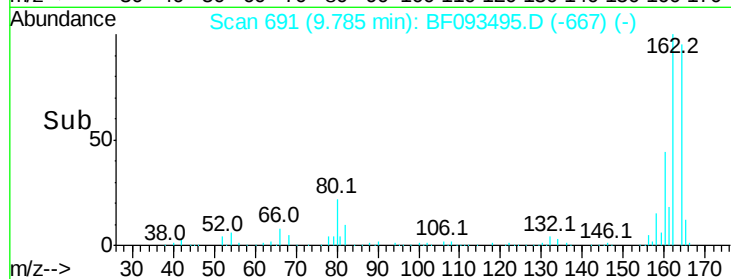
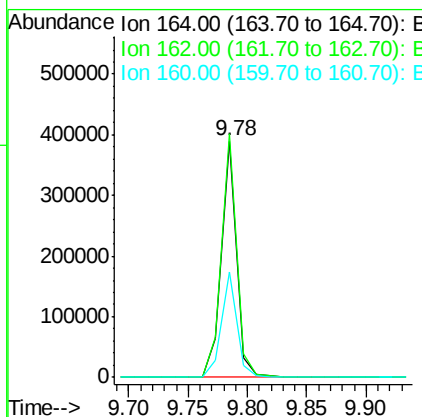
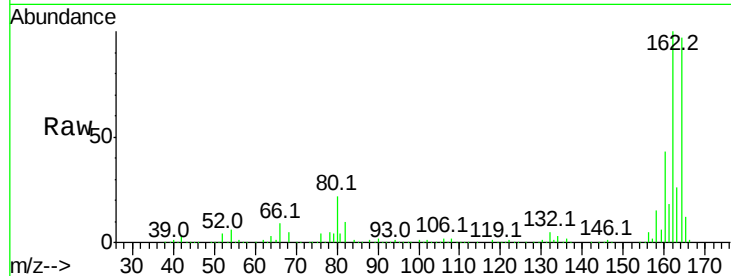




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093495.D
 Acq: 10 Mar 2017 00:24

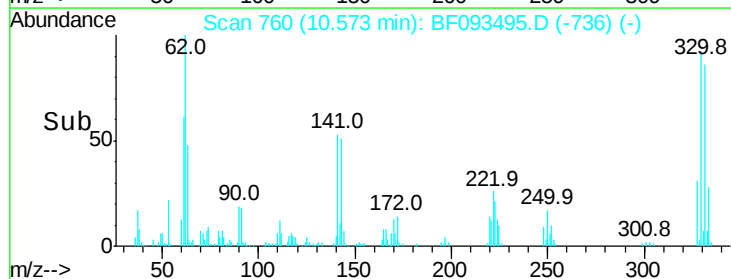
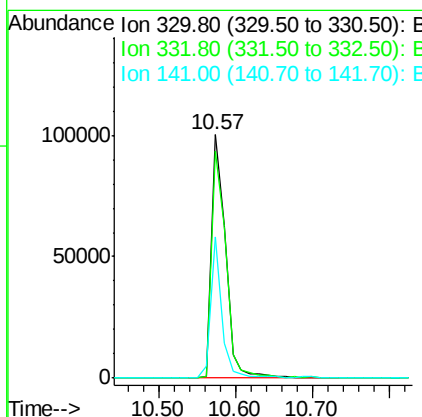
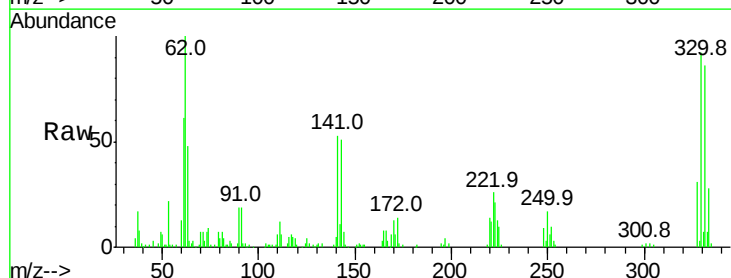
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB428

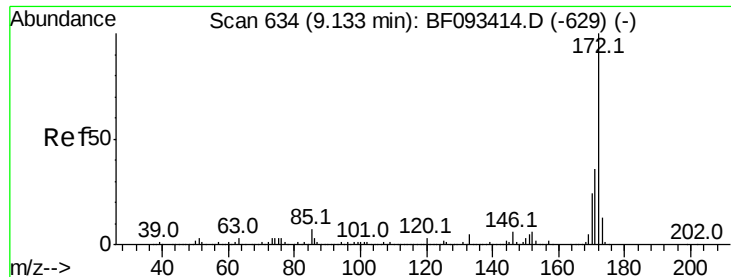
Tot Ion:164 Resp: 339449
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.2 120.2
 160 44.8 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 56.90 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093495.D
 Acq: 10 Mar 2017 00:24

Tgt Ion:330 Resp: 125830
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 45.8 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 42.98 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093495.D

Acq: 10 Mar 2017 00:24

Instrument :

BNA_F

ClientSampleId :

HY-SB428

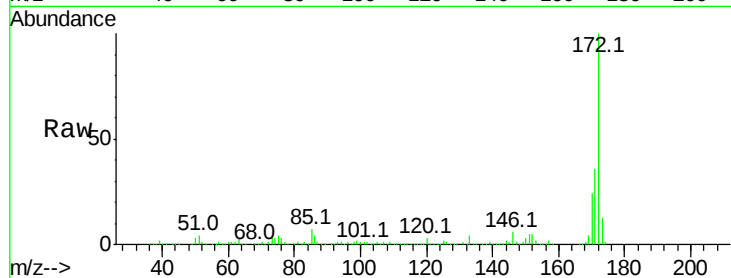
Tot Ion:172 Resp: 784299

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

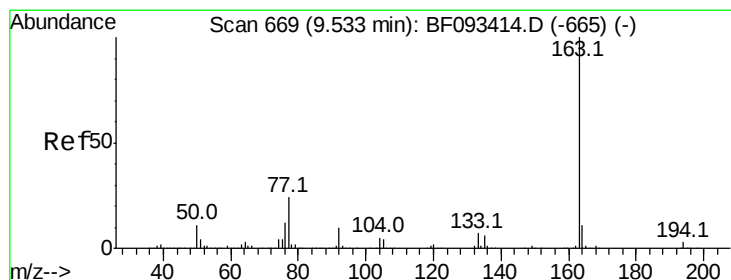
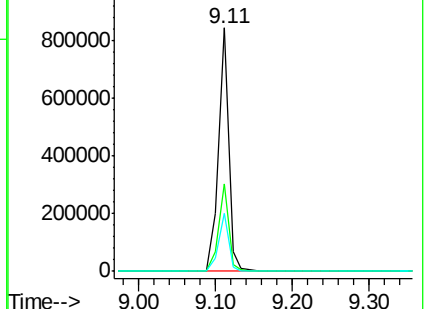
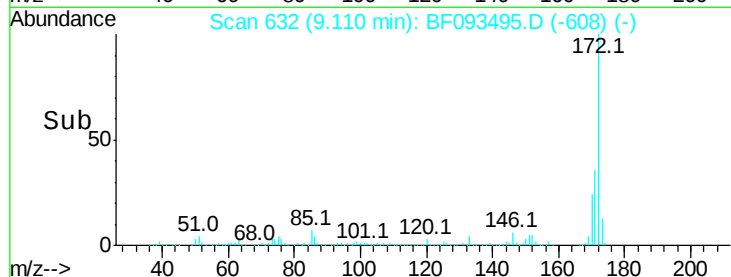
170 23.7 20.2 30.4



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: 4.92 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF093495.D

Acq: 10 Mar 2017 00:24

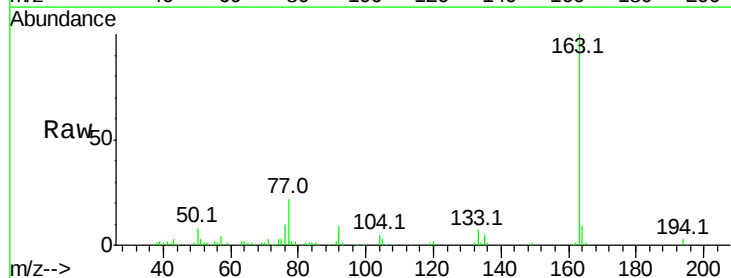
Tgt Ion:163 Resp: 110699

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

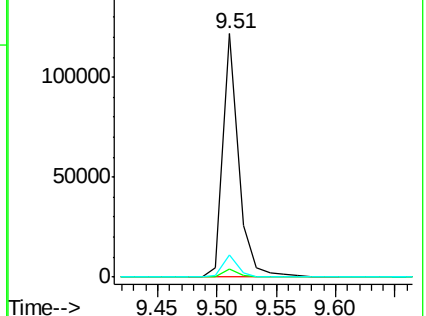
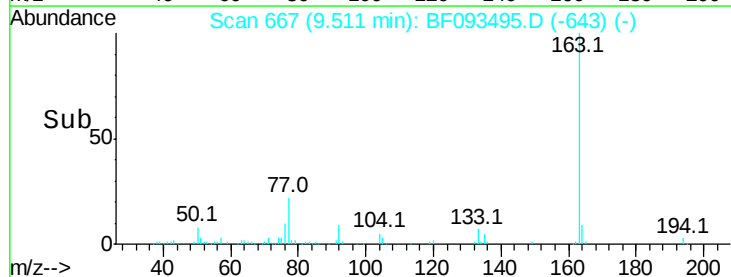
164 9.4 8.0 12.0

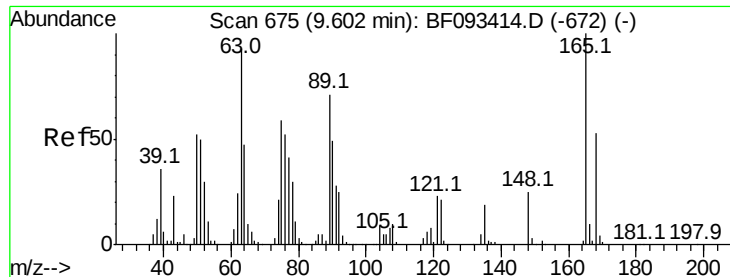


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

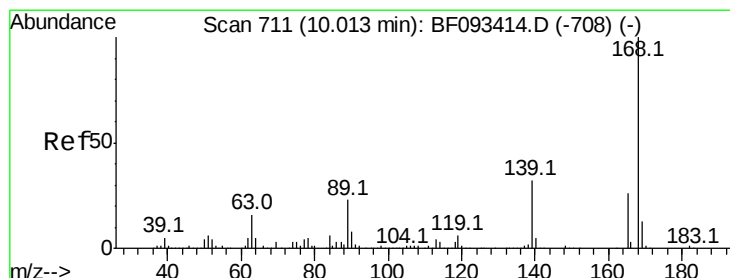
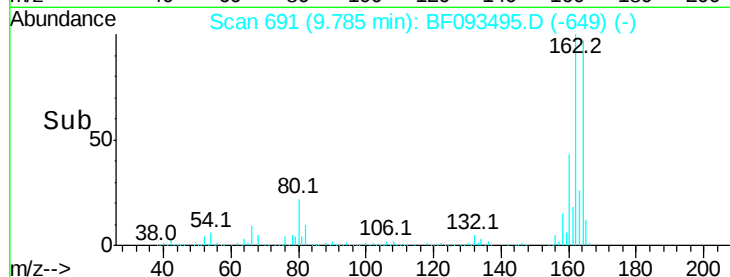
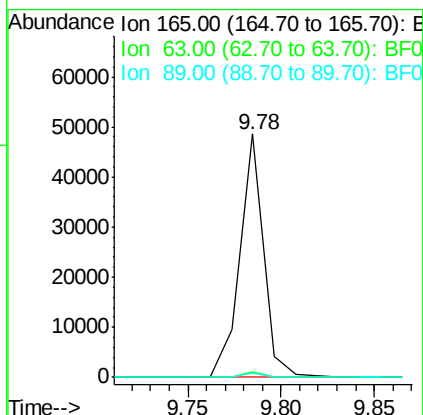
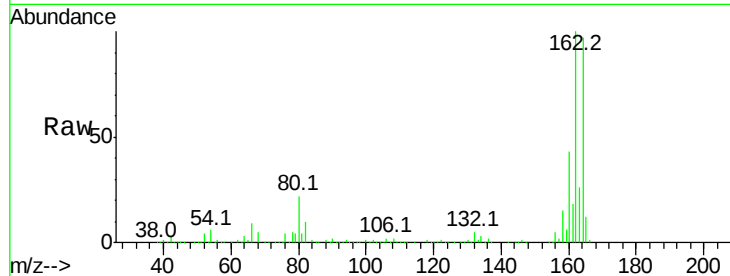




#50
 2,6-Dinitrotoluene
 Concen: 8.78 ng
 RT: 9.78 min Scan# 691
 Delta R.T. 0.18 min
 Lab File: BF093495.D
 Acq: 10 Mar 2017 00:24

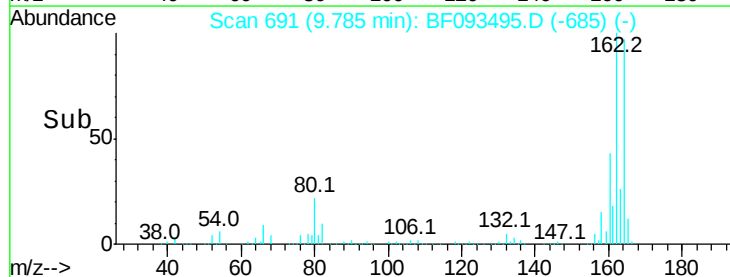
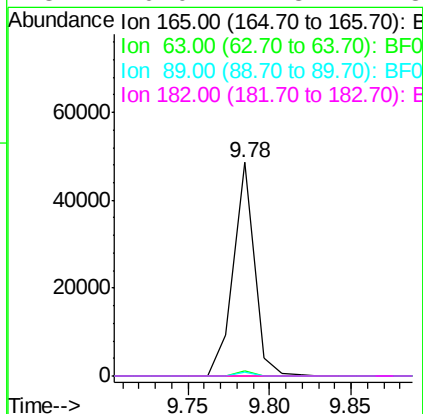
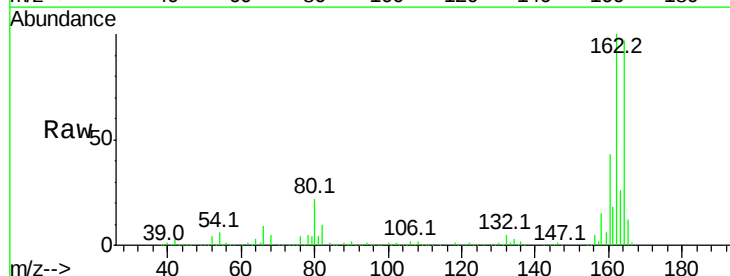
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB428

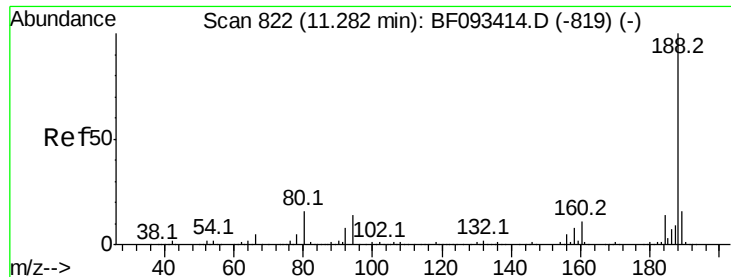
Tot Ion:165 Resp: 43377
 Ion Ratio Lower Upper
 165 100
 63 2.1 36.2 54.4#
 89 1.8 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.15 ng
 RT: 9.78 min Scan# 691
 Delta R.T. -0.23 min
 Lab File: BF093495.D
 Acq: 10 Mar 2017 00:24

Tgt Ion:165 Resp: 43379
 Ion Ratio Lower Upper
 165 100
 63 2.1 40.2 60.4#
 89 1.8 62.5 93.7#
 182 0.0 1.8 2.8#

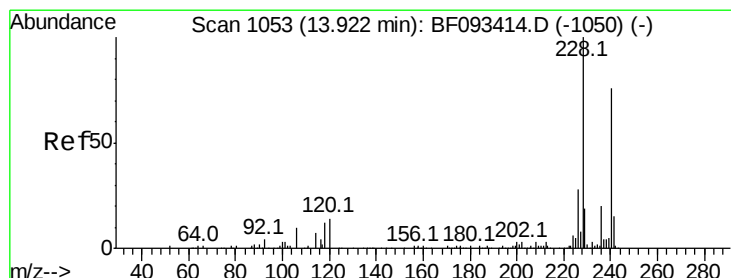
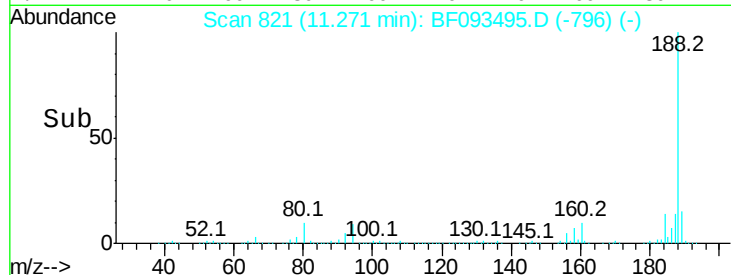
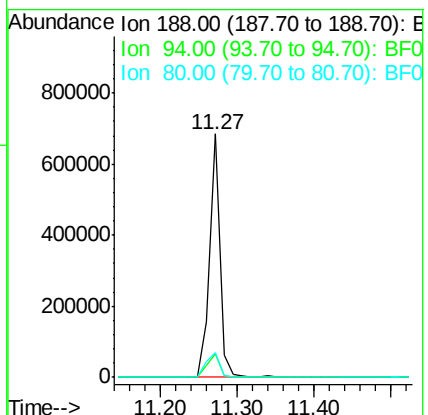
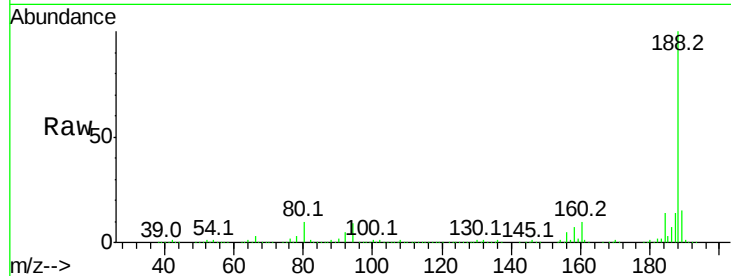




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093495.D
Acq: 10 Mar 2017 00:24

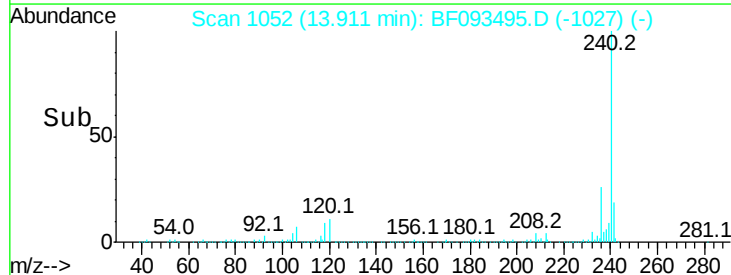
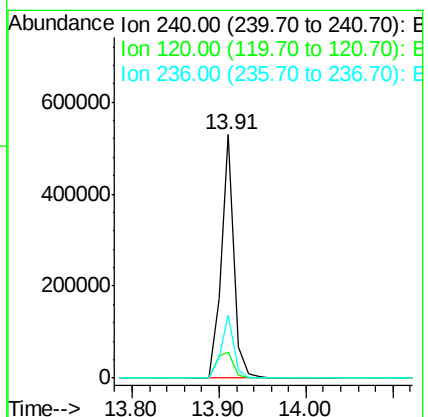
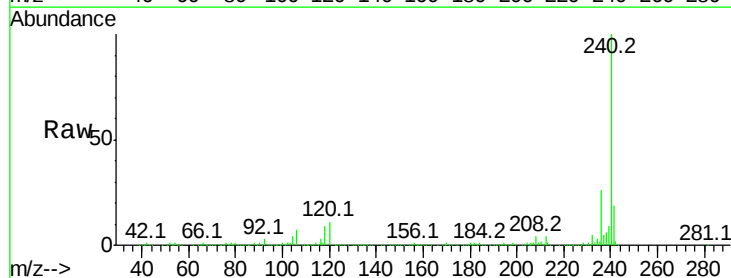
Instrument :
BNA_F
ClientSampleId :
HY-SB428

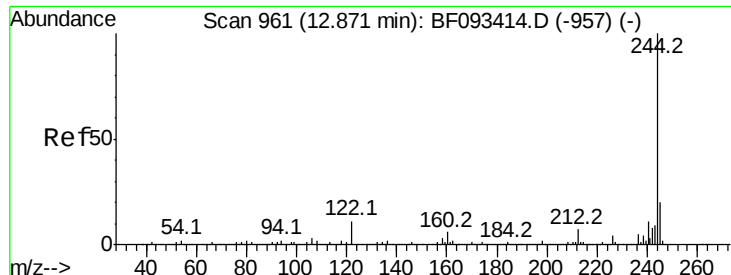
Tot Ion:188 Resp: 636676
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 10.3 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF093495.D
Acq: 10 Mar 2017 00:24

Tgt Ion:240 Resp: 541100
Ion Ratio Lower Upper
240 100
120 10.9 12.9 19.3#
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 32.29 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093495.D

Acq: 10 Mar 2017 00:24

Instrument :

BNA_F

ClientSampleId :

HY-SB428

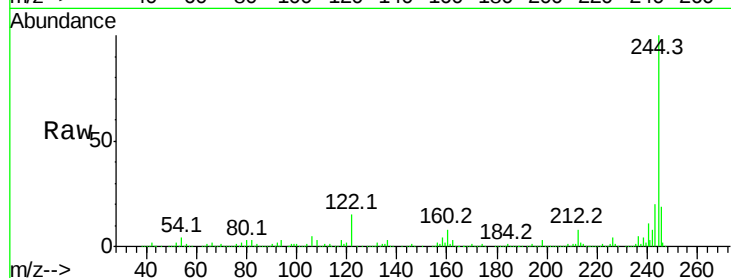
Tot Ion:244 Resp: 672058

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

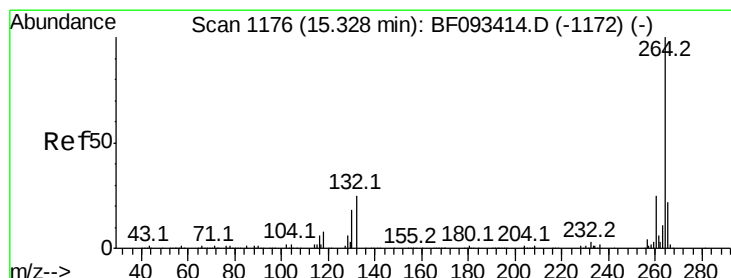
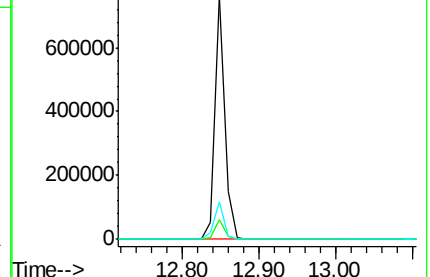
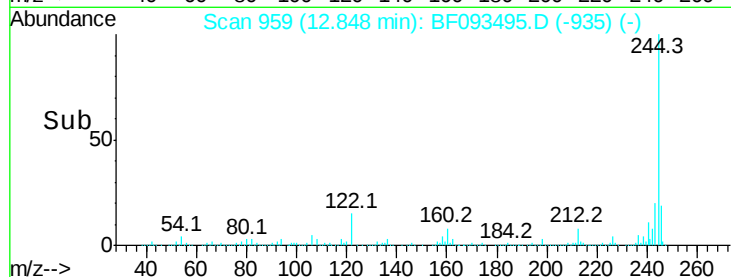
122 15.2 11.4 17.2



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: 15.32 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF093495.D

Acq: 10 Mar 2017 00:24

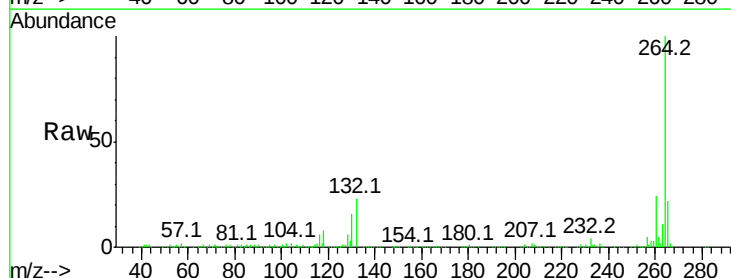
Tgt Ion:264 Resp: 379064

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.2 17.4 26.0



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

