

Data File : BF093162.D
Acq On : 24 Feb 2017 23:29
Operator : SJ/MA
Sample : I1957-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-5(8-10)20170222

Quant Time: Feb 25 01:10:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	151795	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	569345	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	266216	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	518766	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	447837	20.00	ng	-0.02
86) Perylene-d12	15.43	264	325479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	736391	83.23	ng	-0.02
7) Phenol-d6	6.48	99	1411631	124.00	ng	-0.01
23) Nitrobenzene-d5	7.40	82	800613	78.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	66942	34.77	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1419040	96.57	ng	-0.02
78) Terphenyl-d14	12.94	244	1236184	64.86	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	63574	4.77	ng	# 64
19) n-Nitroso-di-n-propylamine	7.40	70	106523	14.70	ng	# 81
25) Isophorone	7.40	82	651141	34.18	ng	# 65
49) Dimethylphthalate	9.60	163	102563	5.72	ng	99
50) 2,6-Dinitrotoluene	9.87	165	33961	8.77	ng	# 31
56) 2,4-Dinitrotoluene	9.87	165	33962	6.59	ng	# 20

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

Data File : BF093162.D

Acq On : 24 Feb 2017 23:29

Operator : SJ/MA

Sample : I1957-09

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SRI-SB-5(8-10)20170222

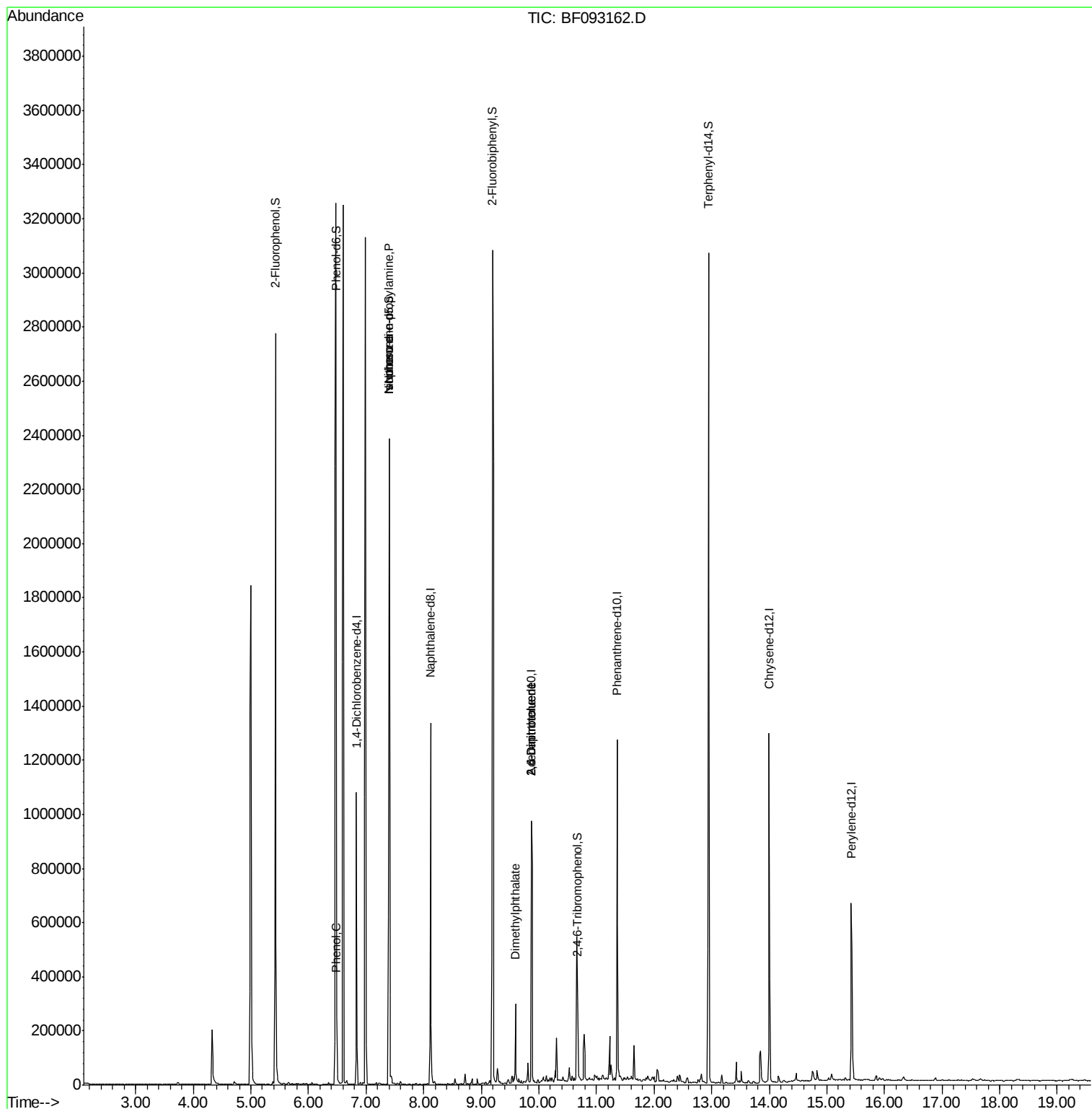
Quant Time: Feb 25 01:10:45 2017

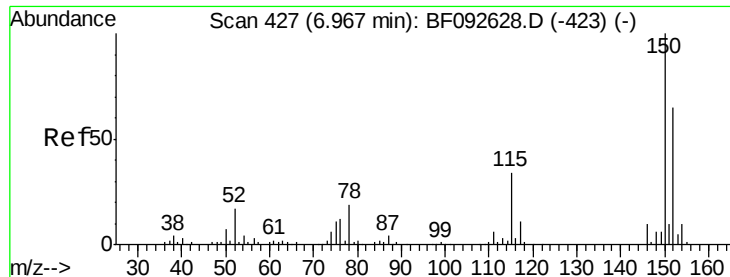
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 17:31:55 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093162.D

Acq: 24 Feb 2017 23:29

Instrument :

BNA_F

ClientSampleId :

SRI-SB-5(8-10)20170222

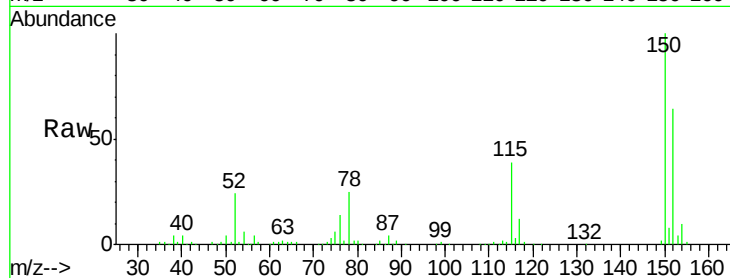
Tgt Ion:152 Resp: 151795

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

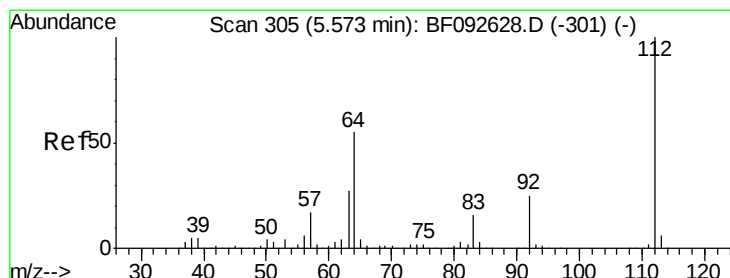
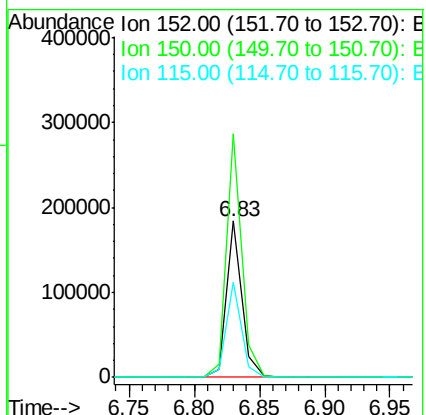
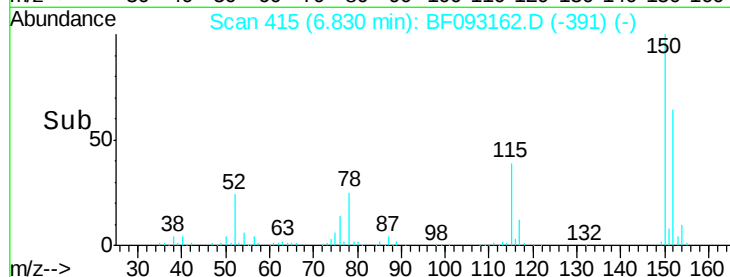
115 60.6 46.0 69.0



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: 83.23 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093162.D

Acq: 24 Feb 2017 23:29

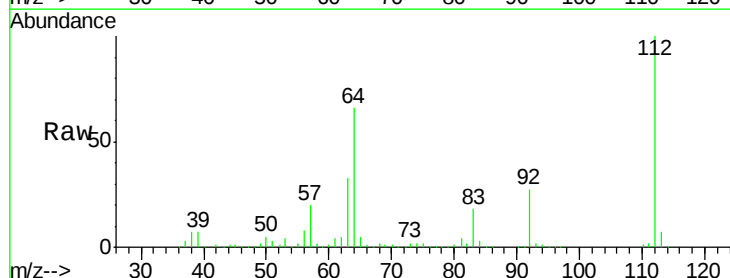
Tgt Ion:112 Resp: 736391

Ion Ratio Lower Upper

112 100

64 66.4 46.1 69.1

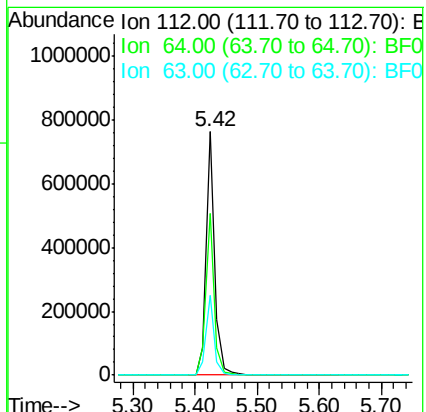
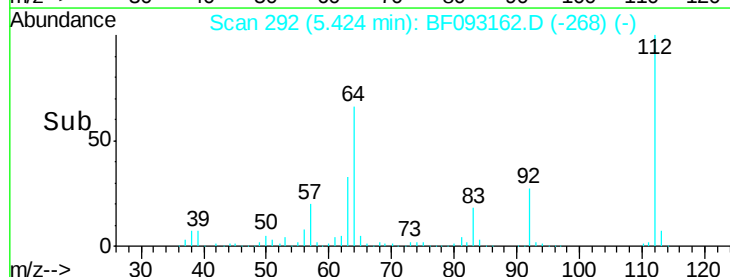
63 32.7 23.8 35.6

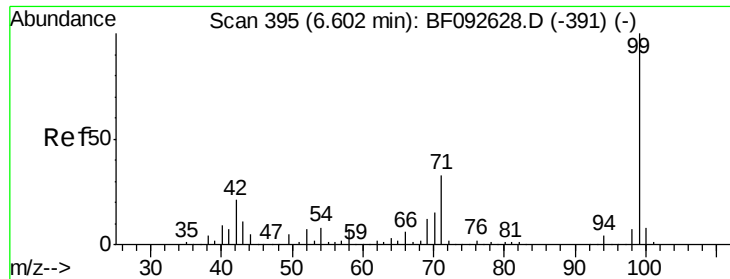


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.00 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093162.D

Acq: 24 Feb 2017 23:29

Instrument :

BNA_F

ClientSampleId :

SRI-SB-5(8-10)20170222

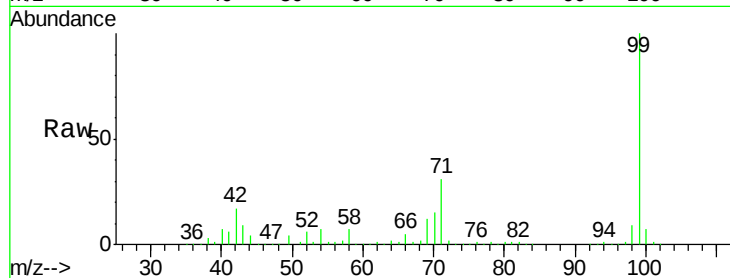
Tgt Ion: 99 Resp: 1411631

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

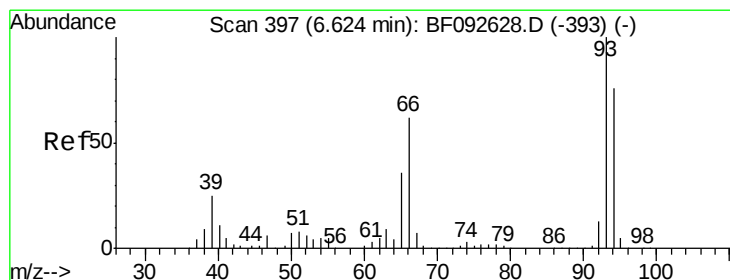
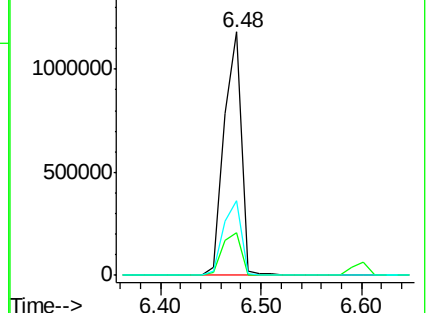
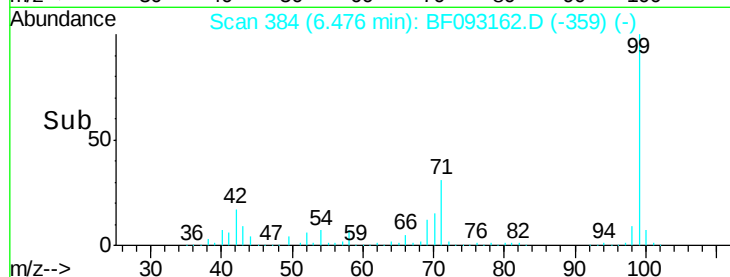
71 30.6 27.5 41.3



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: 4.77 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093162.D

Acq: 24 Feb 2017 23:29

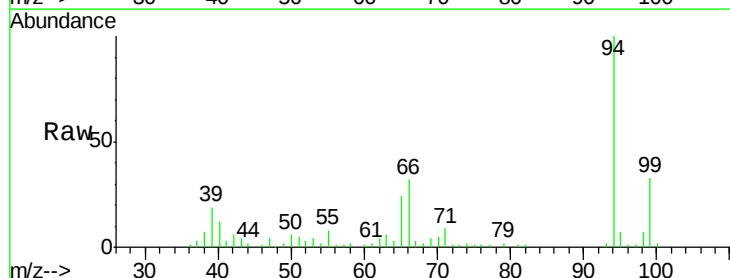
Tgt Ion: 94 Resp: 63574

Ion Ratio Lower Upper

94 100

65 23.8 21.4 61.4

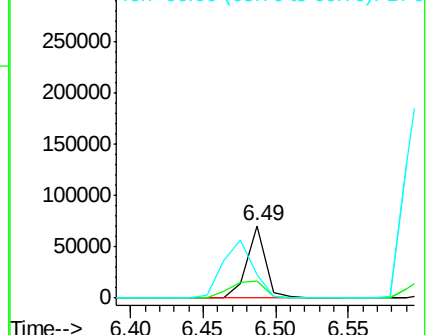
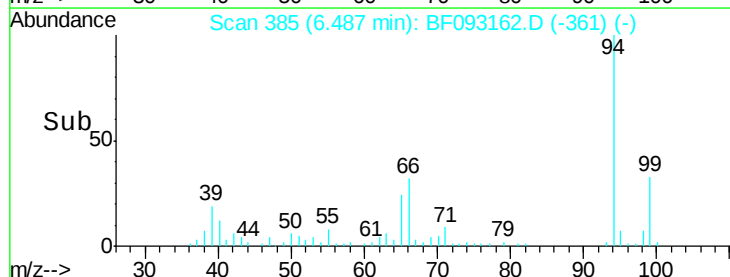
66 31.6 44.0 84.0#

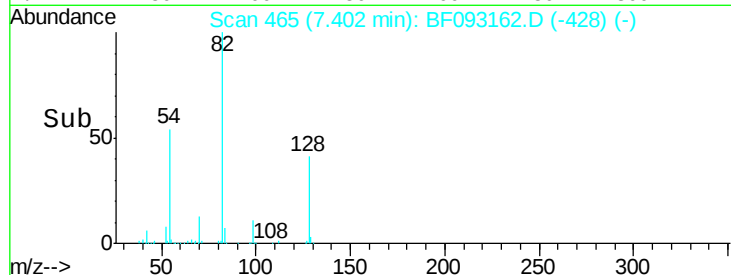
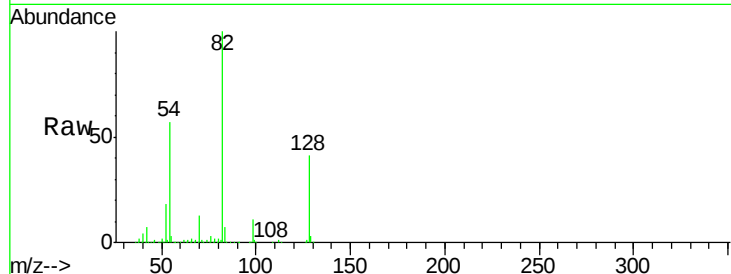
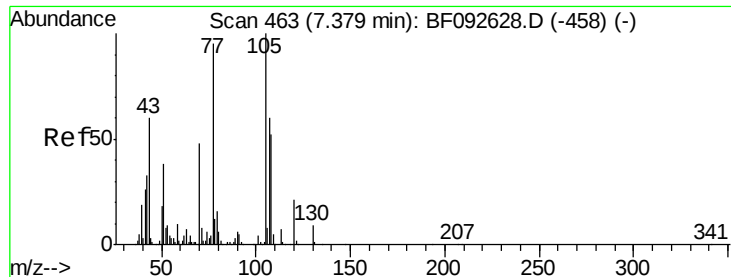


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

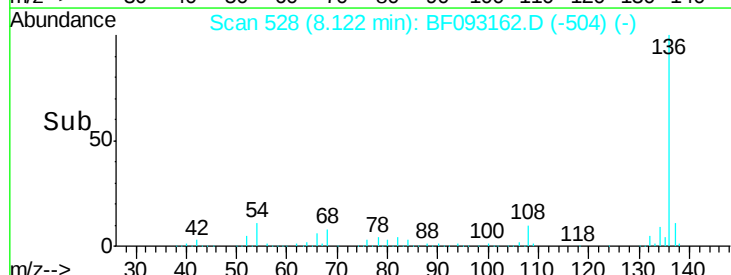
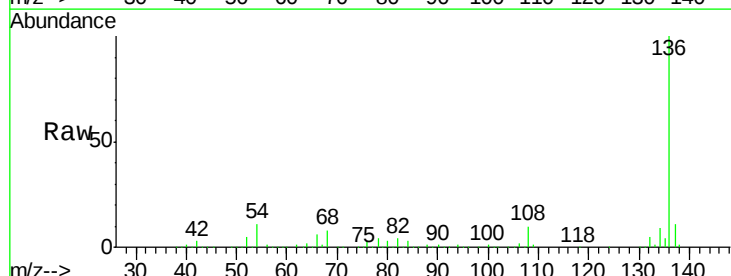
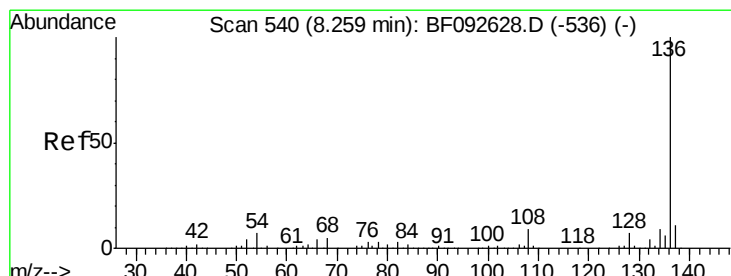
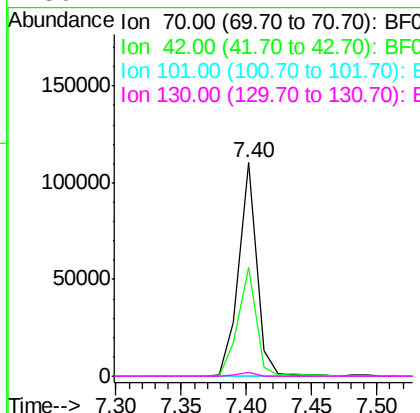




#19
n-Nitroso-di-n-propylamine
Concen: 14.70 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093162.D
Acq: 24 Feb 2017 23:29

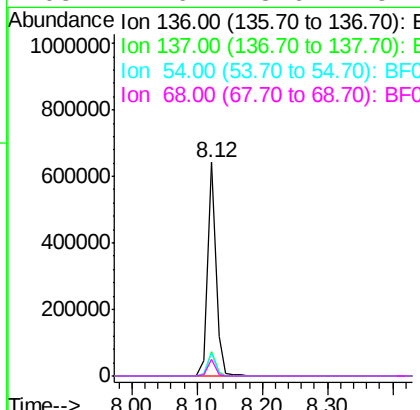
Instrument :
BNA_F
ClientSampleId :
SRI-SB-5(8-10)20170222

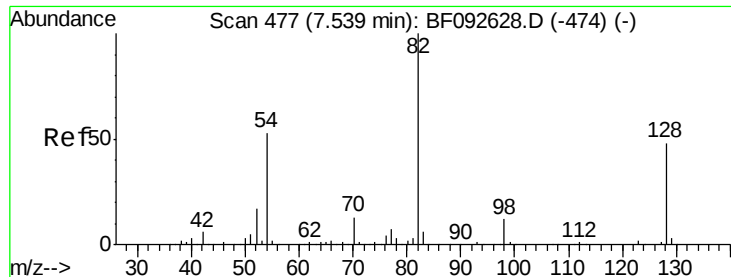
Tgt Ion: 70 Resp: 106523
Ion Ratio Lower Upper
70 100
42 51.0 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093162.D
Acq: 24 Feb 2017 23:29

Tgt Ion: 136 Resp: 569345
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 10.7 4.5 6.7#
68 7.6 3.6 5.4#

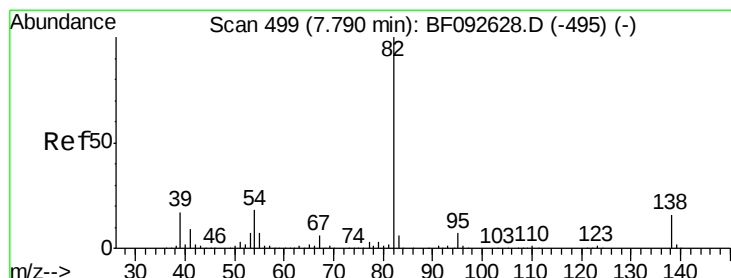
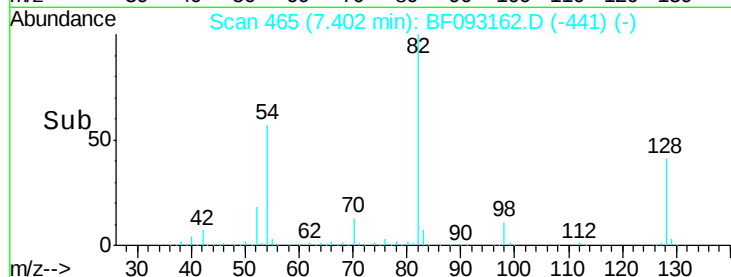
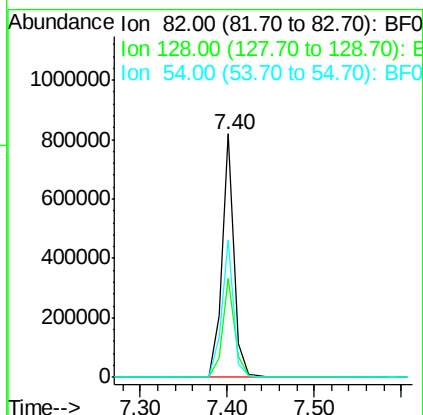
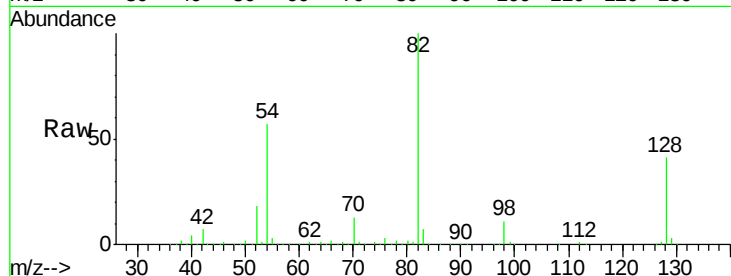




#23
 Nitrobenzene-d5
 Concen: 78.31 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093162.D
 Acq: 24 Feb 2017 23:29

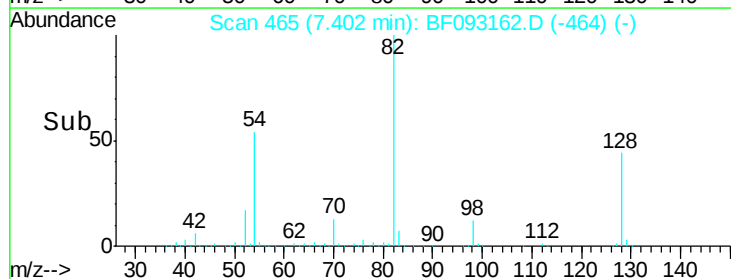
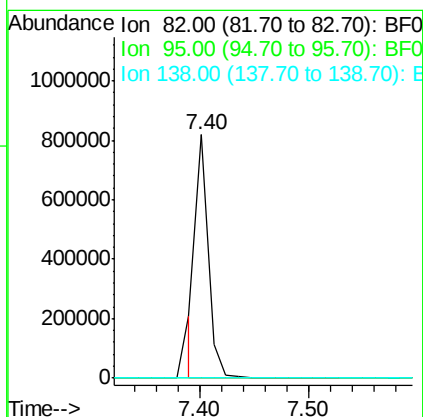
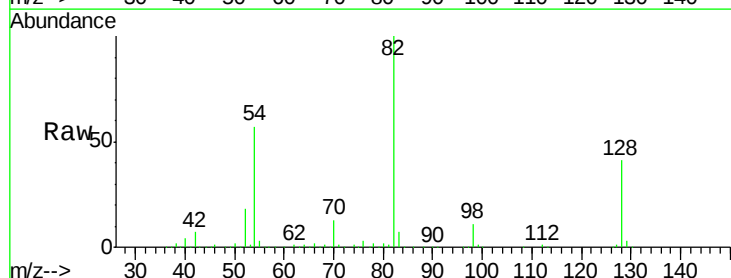
Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-5(8-10)20170222

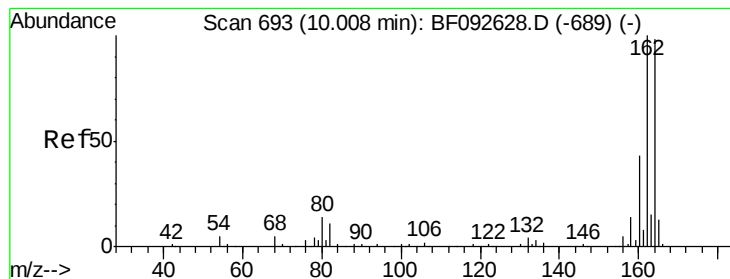
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	52.0
54	56.6	39.5	59.3



#25
 Isophorone
 Concen: 34.18 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.29 min
 Lab File: BF093162.D
 Acq: 24 Feb 2017 23:29

Tgt 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: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF093162.D

Acq: 24 Feb 2017 23:29

Instrument :

BNA_F

ClientSampleId :

SRI-SB-5(8-10)20170222

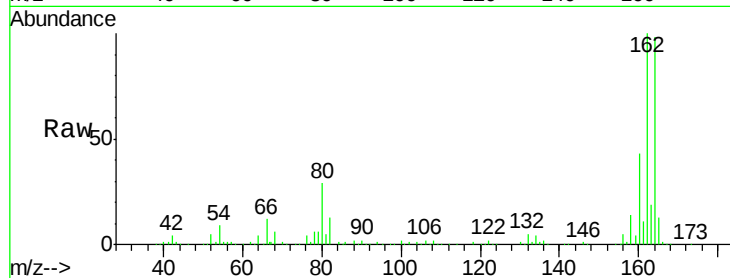
Tgt Ion:164 Resp: 266216

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

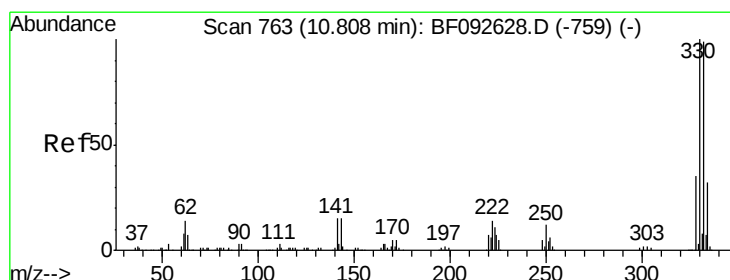
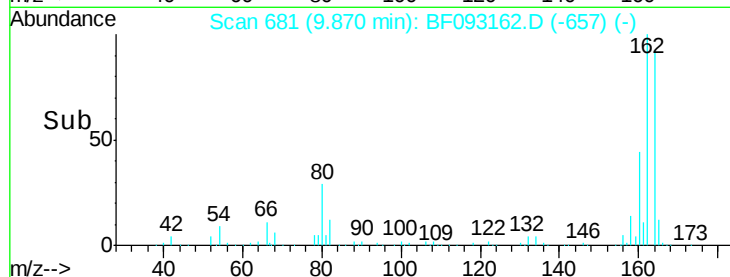
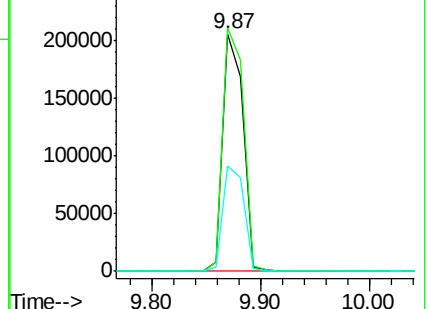
160 44.3 36.9 55.3



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: 34.77 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093162.D

Acq: 24 Feb 2017 23:29

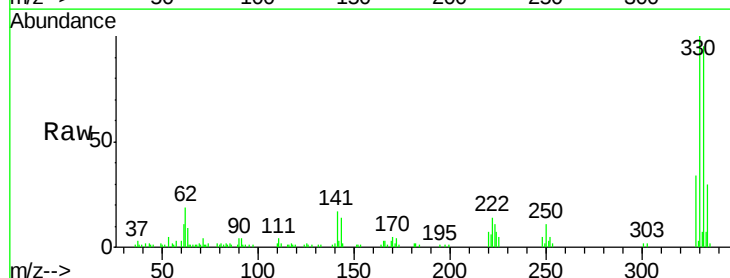
Tgt Ion:330 Resp: 66942

Ion Ratio Lower Upper

330 100

332 93.9 77.4 116.2

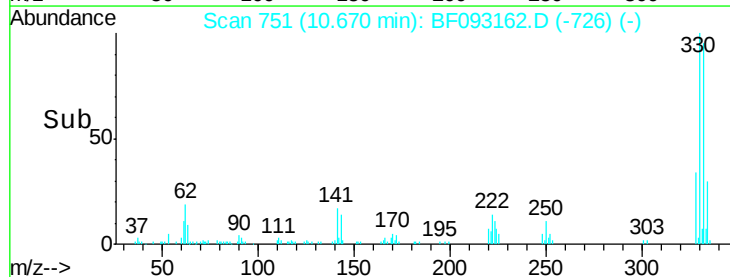
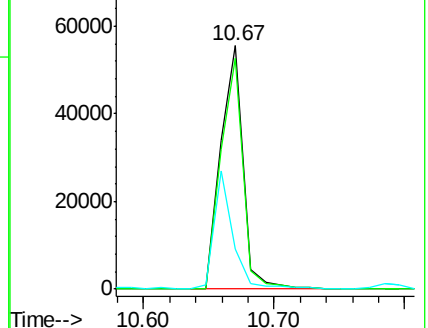
141 41.5 34.1 51.1

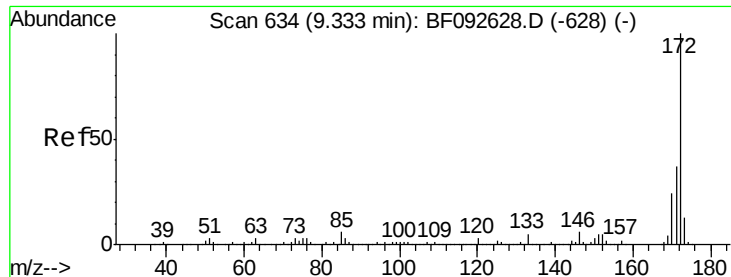


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

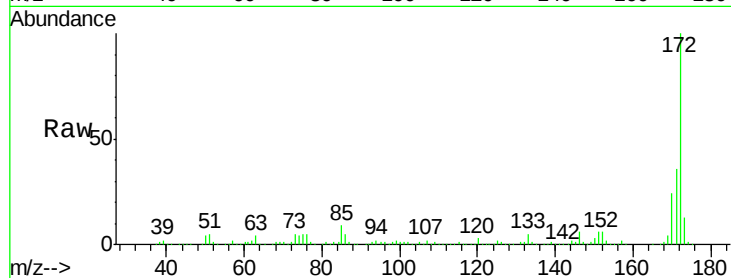




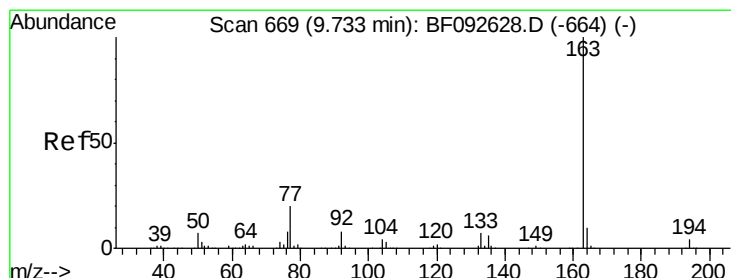
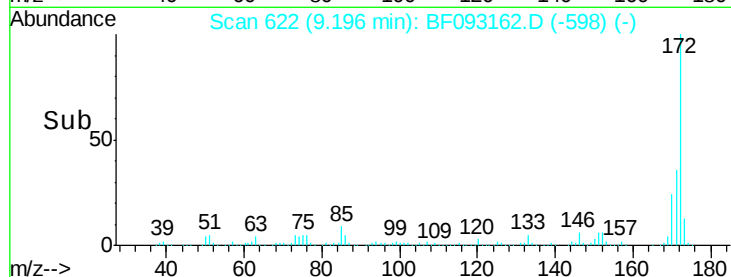
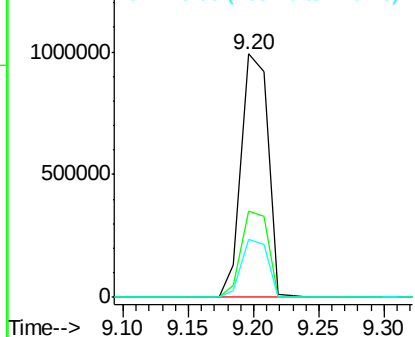
#44
 2-Fluorobiphenyl
 Concen: 96.57 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093162.D
 Acq: 24 Feb 2017 23:29

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-5(8-10)20170222

Tgt Ion:172 Resp: 1419040
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 23.8 20.2 30.4

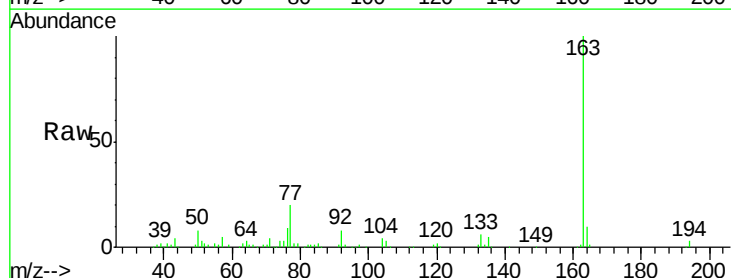


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

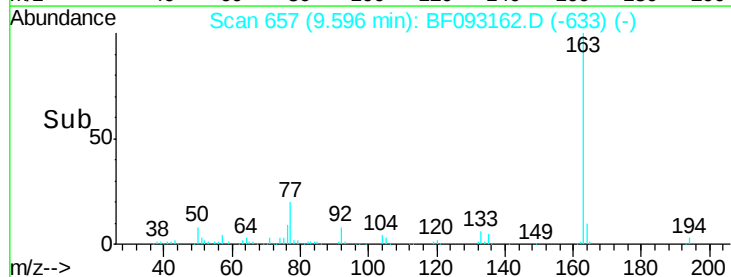
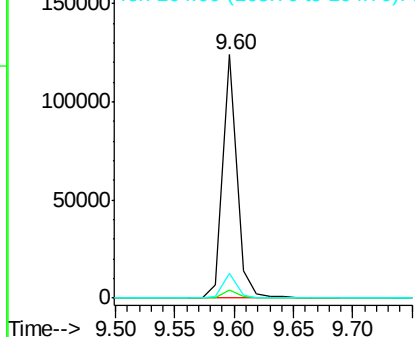


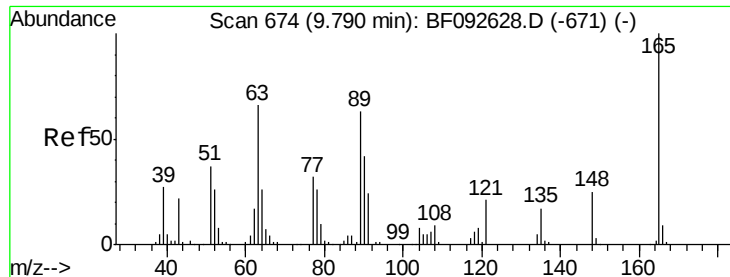
#49
 Dimethylphthalate
 Concen: 5.72 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093162.D
 Acq: 24 Feb 2017 23:29

Tgt Ion:163 Resp: 102563
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 10.1 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

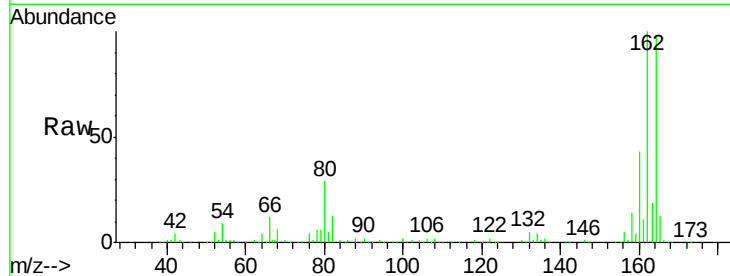




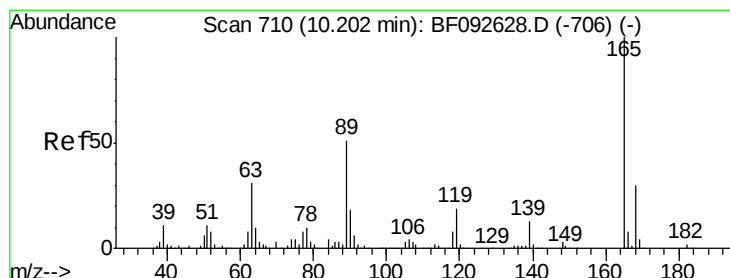
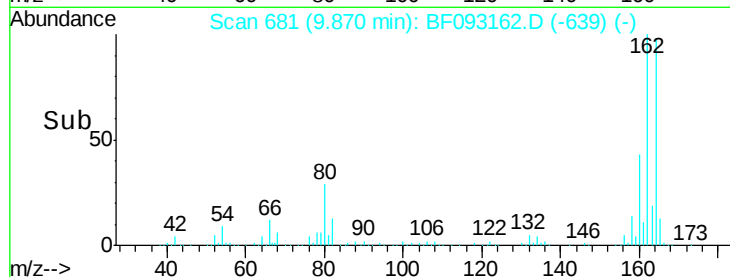
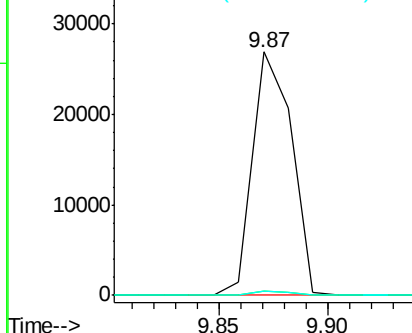
#50
 2,6-Dinitrotoluene
 Concen: 8.77 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.18 min
 Lab File: BF093162.D
 Acq: 24 Feb 2017 23:29

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-5(8-10)20170222

Tgt Ion:165 Resp: 33961
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.2 54.4#
 89 1.7 40.2 60.4#

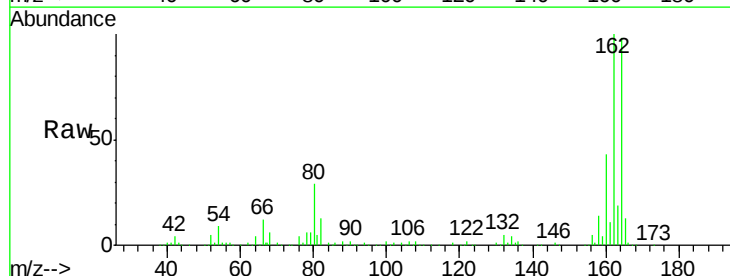


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

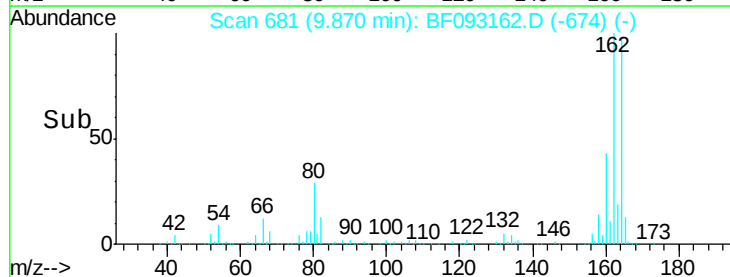
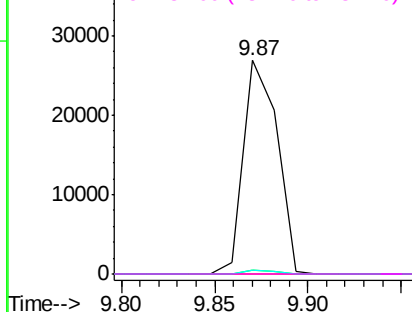


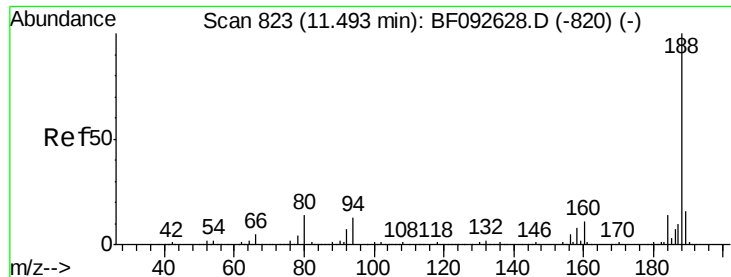
#56
 2,4-Dinitrotoluene
 Concen: 6.59 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF093162.D
 Acq: 24 Feb 2017 23:29

Tgt Ion:165 Resp: 33962
 Ion Ratio Lower Upper
 165 100
 63 1.5 40.2 60.4#
 89 1.7 62.5 93.7#
 182 0.0 1.8 2.8#



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

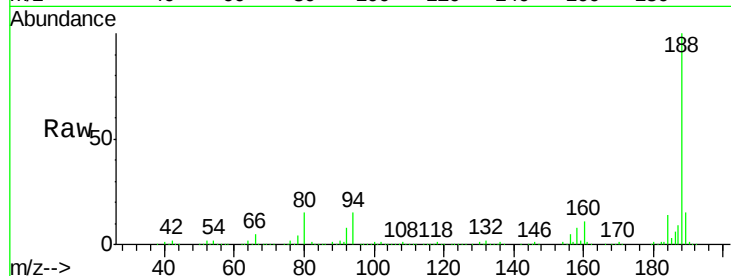




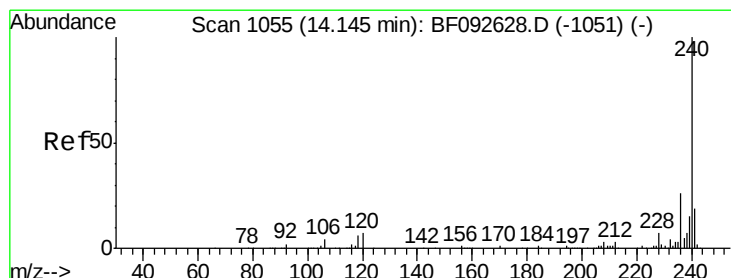
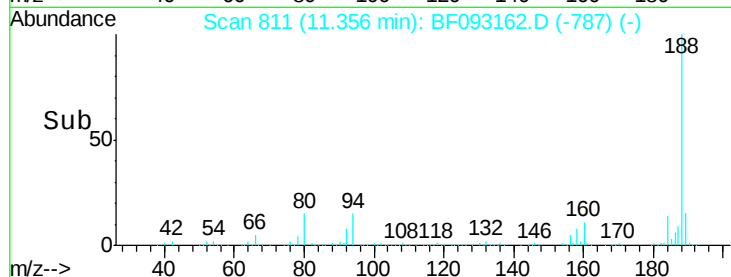
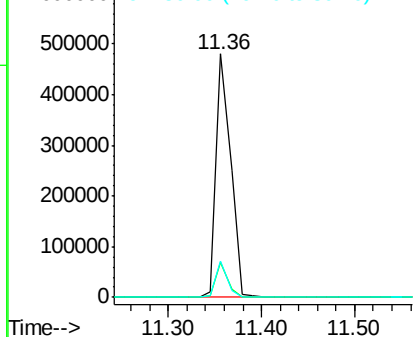
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093162.D
Acq: 24 Feb 2017 23:29

Instrument :
BNA_F
ClientSampleId :
SRI-SB-5(8-10)20170222

Tgt Ion:188 Resp: 518766
Ion Ratio Lower Upper
188 100
94 14.6 10.0 15.0
80 15.0 11.2 16.8

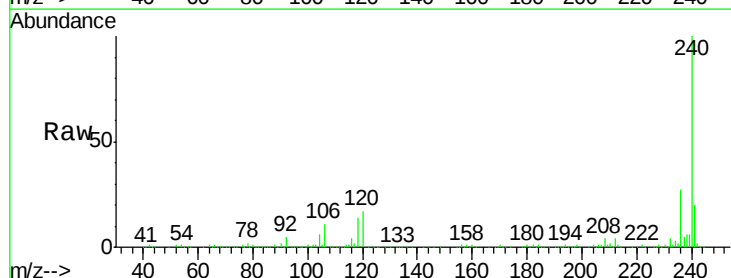


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

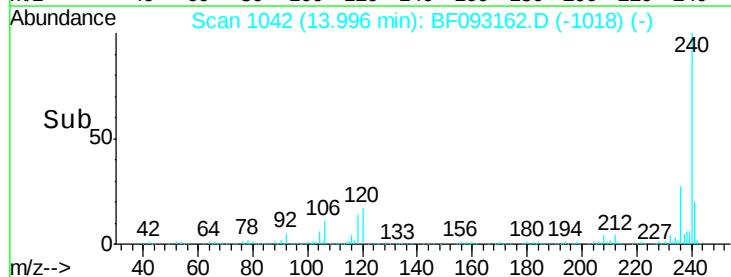
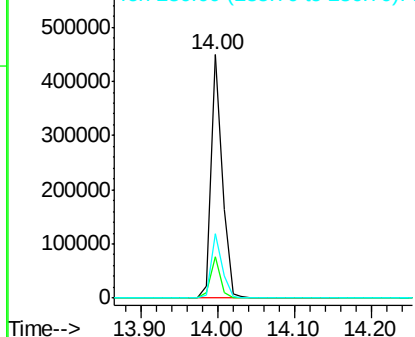


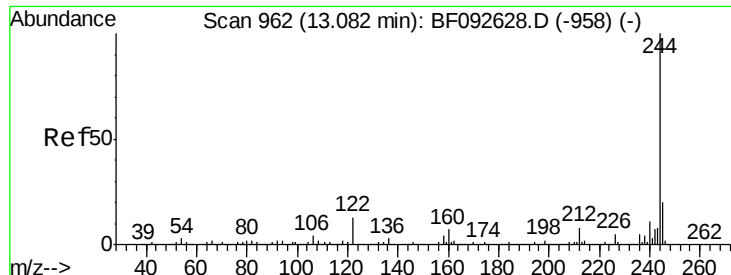
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093162.D
Acq: 24 Feb 2017 23:29

Tgt Ion:240 Resp: 447837
Ion Ratio Lower Upper
240 100
120 17.1 12.9 19.3
236 26.6 20.9 31.3



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: 64.86 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093162.D

Acq: 24 Feb 2017 23:29

Instrument :

BNA_F

ClientSampleId :

SRI-SB-5(8-10)20170222

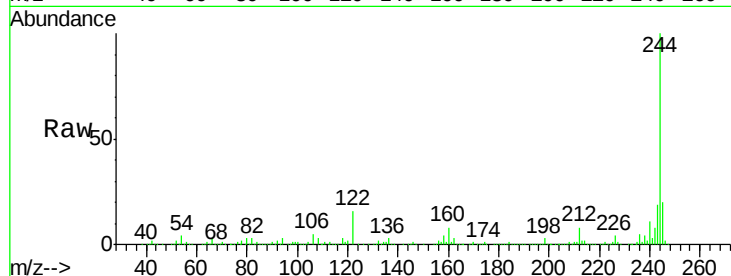
Tgt Ion:244 Resp: 1236184

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 15.6 11.4 17.2



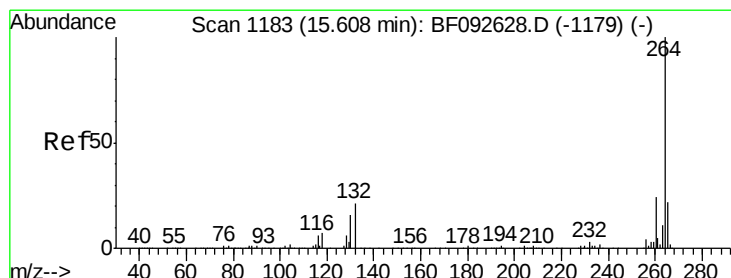
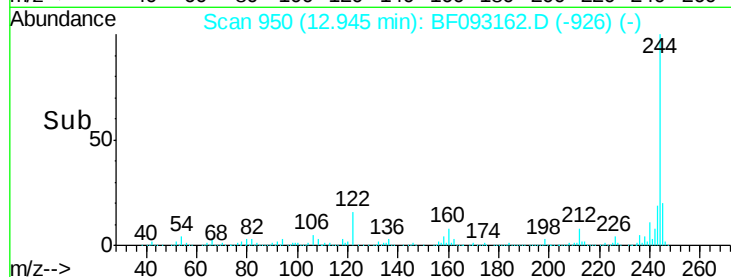
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.94

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093162.D

Acq: 24 Feb 2017 23:29

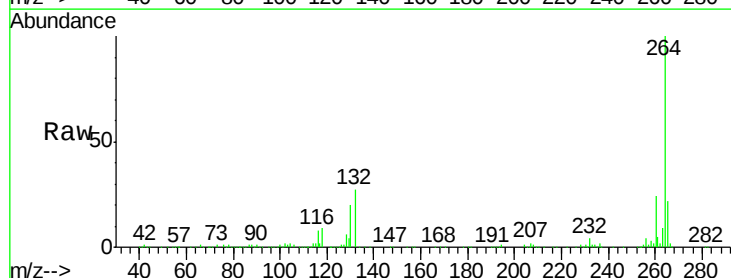
Tgt Ion:264 Resp: 325479

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.8 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

15.43

Time-->

