

Data File : BF093158.D
Acq On : 24 Feb 2017 21:35
Operator : SJ/MA
Sample : I1957-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-5(13-15)20170222

Quant Time: Feb 24 22:08:52 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	152223	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	598974	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	285160	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	517058	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	457070	20.00	ng	-0.02
86) Perylene-d12	15.43	264	339315	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1389741	156.63	ng	-0.01
7) Phenol-d6	6.48	99	1574688	137.93	ng	-0.01
23) Nitrobenzene-d5	7.40	82	972306	90.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	347616	168.54	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1562072	99.24	ng	-0.02
78) Terphenyl-d14	12.96	244	1577663	81.10	ng	-0.01

Target Compounds						Qvalue
10) Phenol	6.49	94	57518	4.31	ng	# 70
15) Benzyl Alcohol	6.99	79	17730	2.10	ng	# 38
19) n-Nitroso-di-n-propylamine	7.40	70	129515	17.82	ng	# 80
25) Isophorone	7.40	82	763828	38.11	ng	# 65
49) Dimethylphthalate	9.60	163	418685	21.80	ng	99
56) 2,4-Dinitrotoluene	9.87	165	36619	6.63	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.67	198	822	2.92	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	25880	4.79	ng	# 1

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

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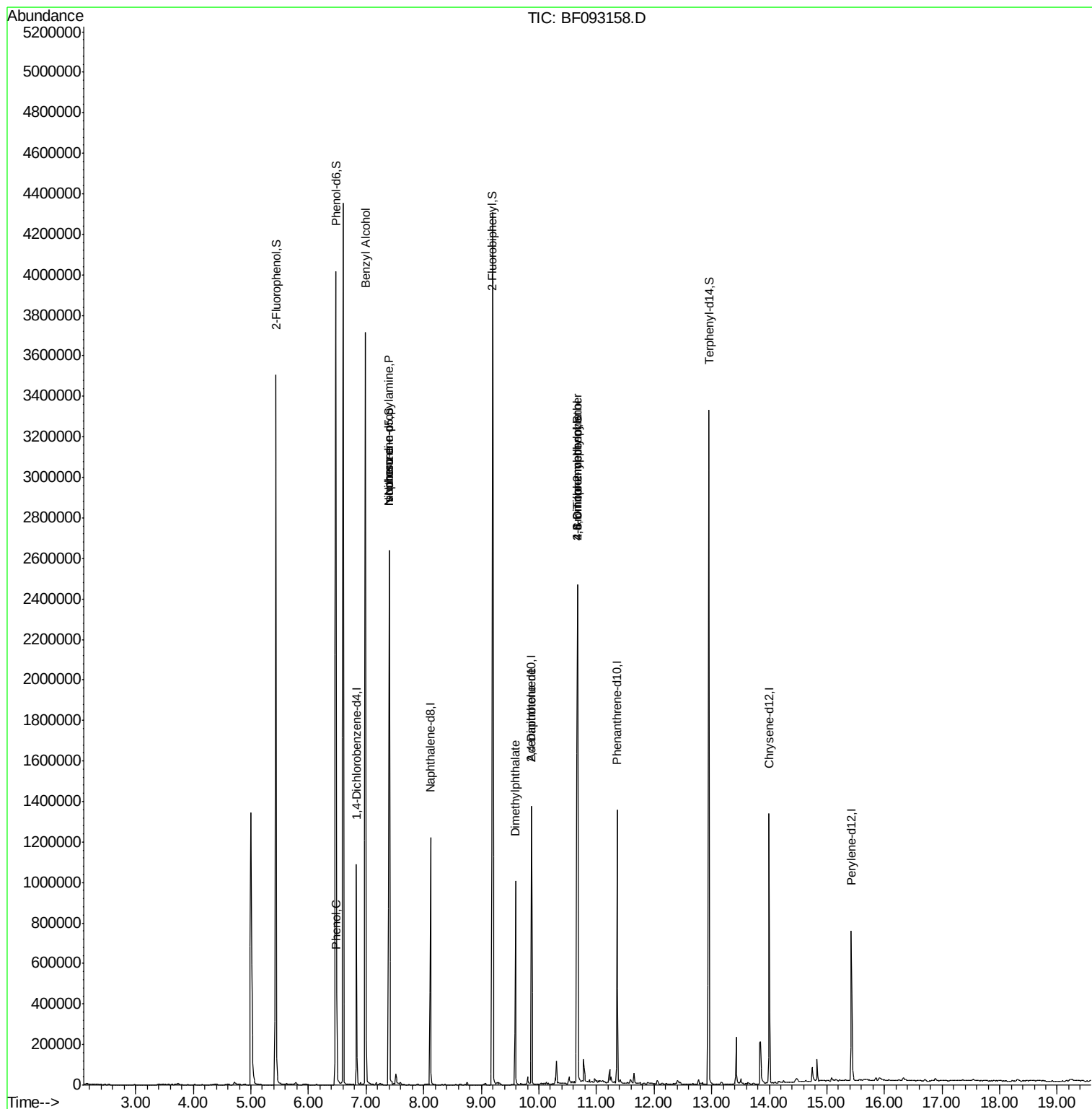
Quant Time: Feb 24 22:08:52 2017

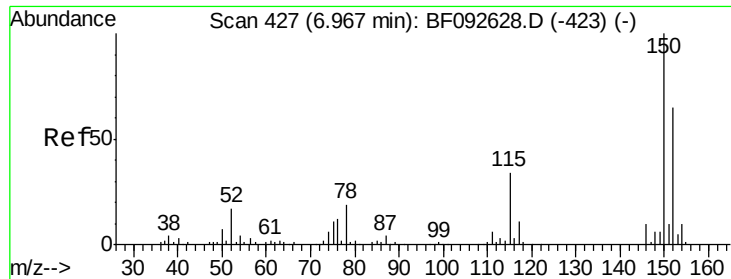
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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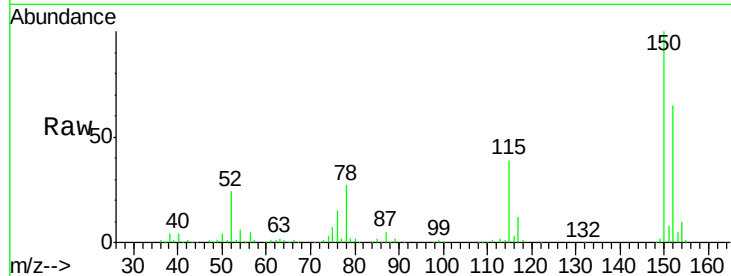




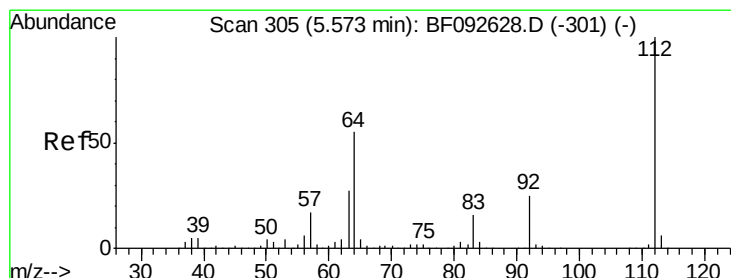
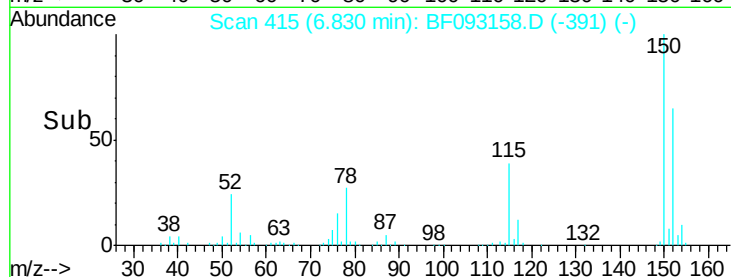
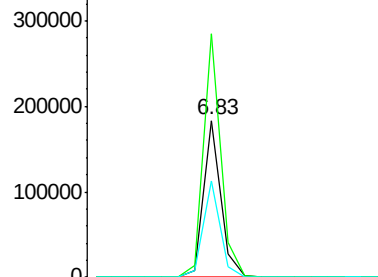
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF093158.D
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Instrument :
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Tgt Ion:152 Resp: 152223
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.9 187.3
 115 61.0 46.0 69.0

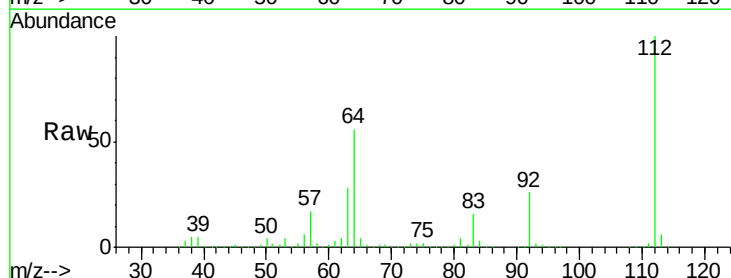


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

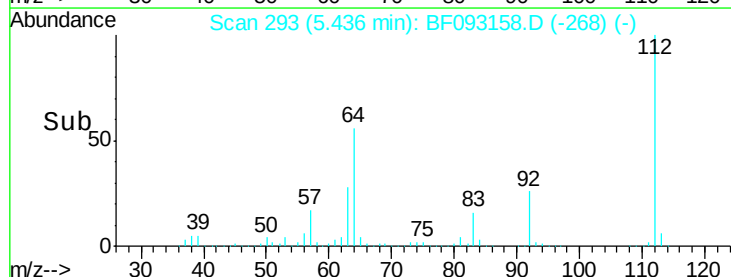
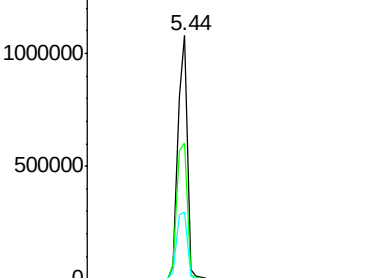


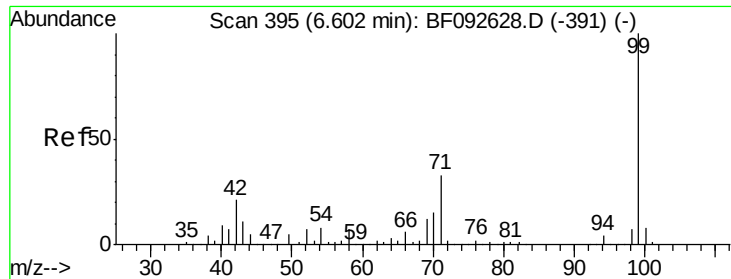
#5
 2-Fluorophenol
 Concen: 156.63 ng
 RT: 5.44 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF093158.D
 Acq: 24 Feb 2017 21:35

Tgt Ion:112 Resp: 1389741
 Ion Ratio Lower Upper
 112 100
 64 56.1 46.1 69.1
 63 27.5 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: 137.93 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093158.D

Acq: 24 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

SRI-SB-5(13-15)20170222

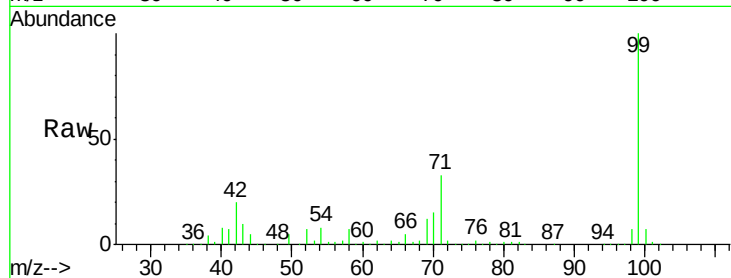
Tgt Ion: 99 Resp: 1574688

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

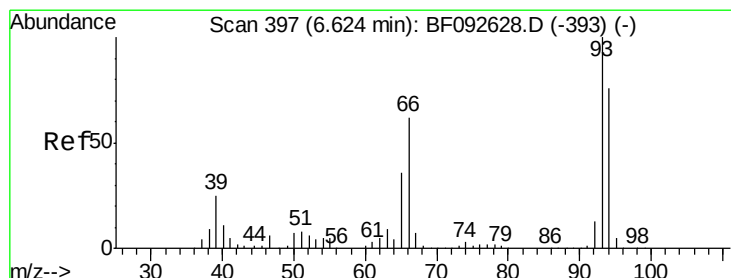
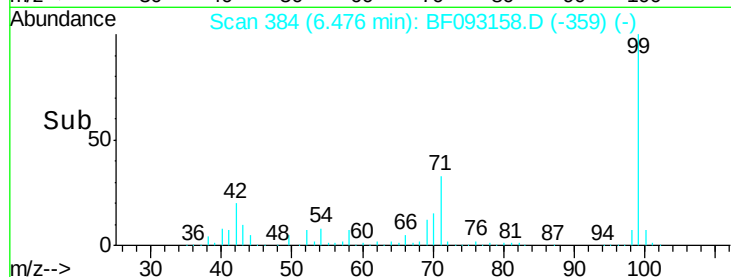
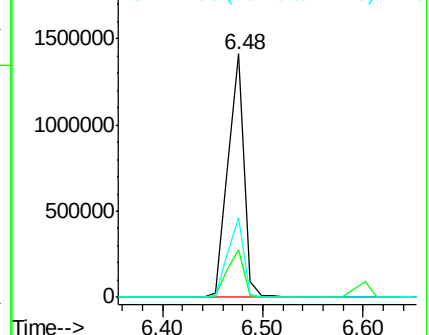
71 32.9 27.5 41.3



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: 4.31 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093158.D

Acq: 24 Feb 2017 21:35

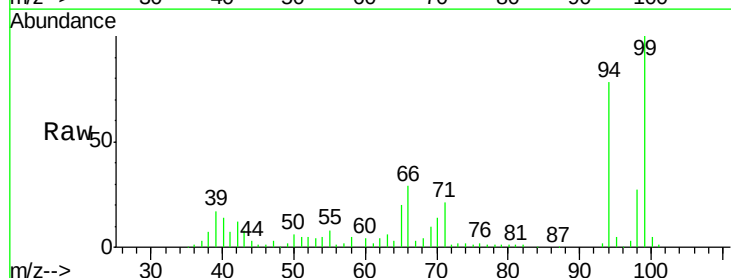
Tgt Ion: 94 Resp: 57518

Ion Ratio Lower Upper

94 100

65 26.3 21.4 61.4

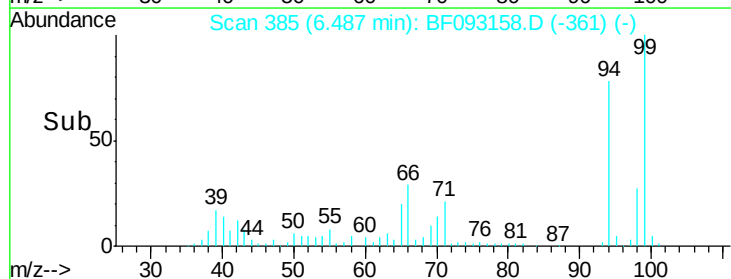
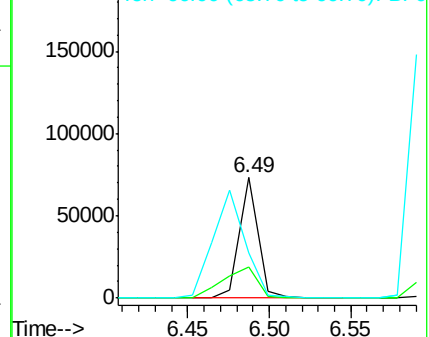
66 37.2 44.0 84.0#

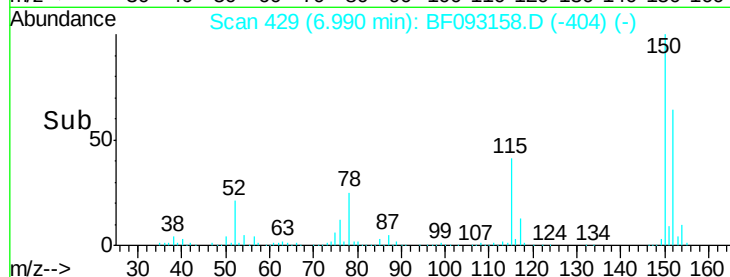
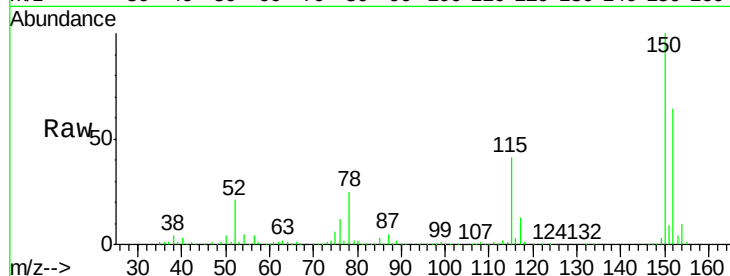
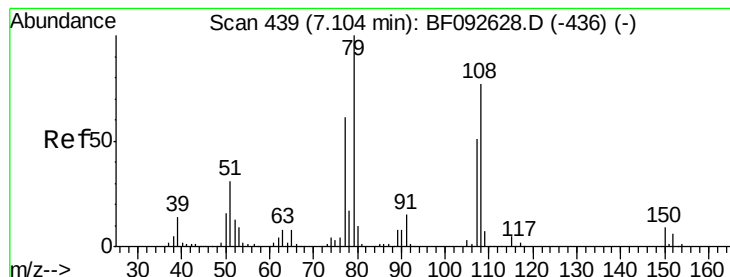


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF093158.D

Acq: 24 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

SRI-SB-5(13-15)20170222

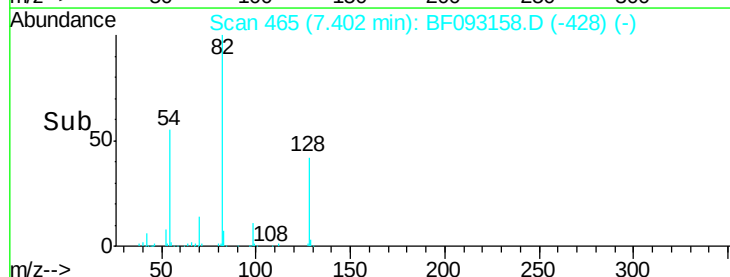
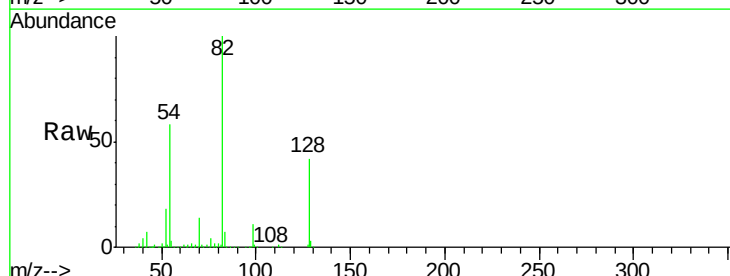
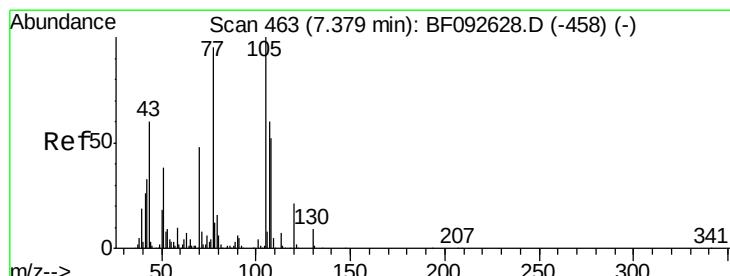
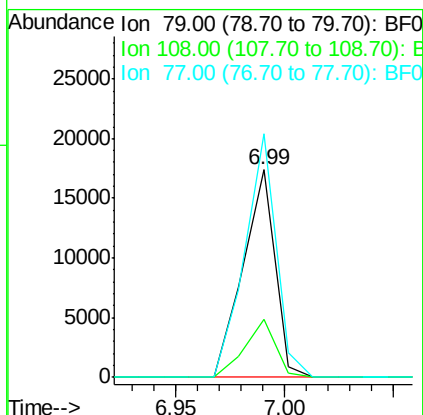
Tgt Ion: 79 Resp: 17730

Ion Ratio Lower Upper

79 100

108 28.0 61.4 92.0#

77 117.3 50.9 76.3#



#19

n-Nitroso-di-n-propylamine

Concen: 17.82 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF093158.D

Acq: 24 Feb 2017 21:35

Tgt Ion: 70 Resp: 129515

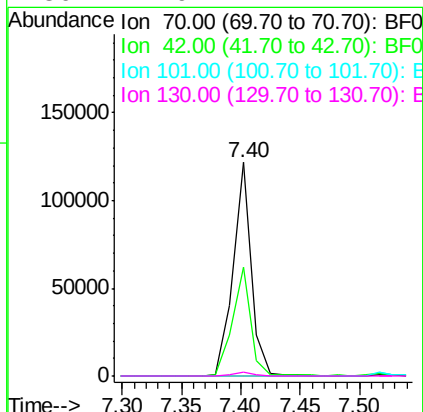
Ion Ratio Lower Upper

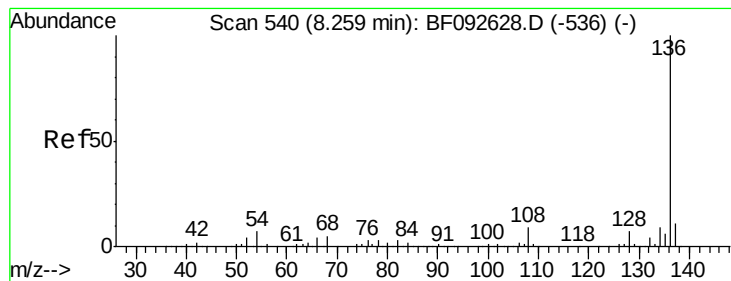
70 100

42 50.7 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

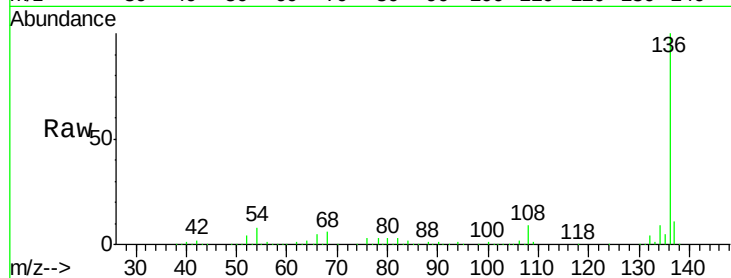




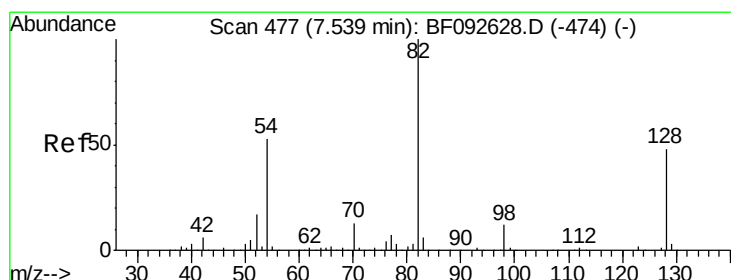
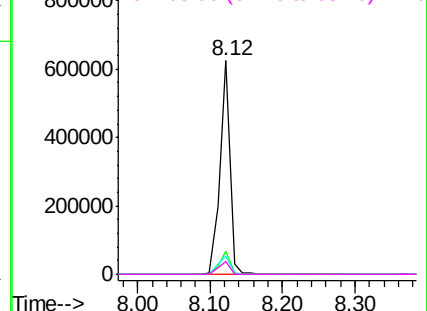
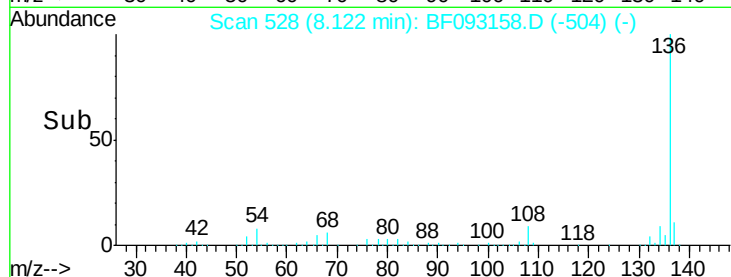
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093158.D
Acq: 24 Feb 2017 21:35

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SRI-SB-5(13-15)20170222

Tgt Ion:	136	Resp:	598974
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.2	4.5	6.7#
68	6.1	3.6	5.4#

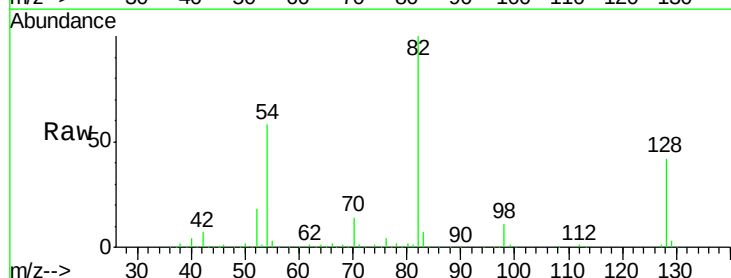


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

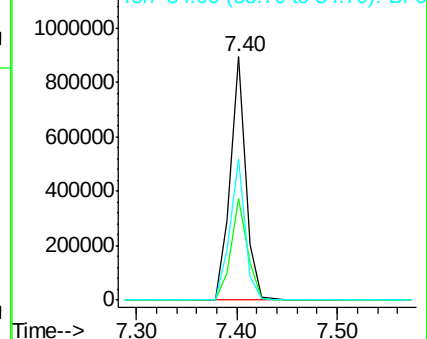
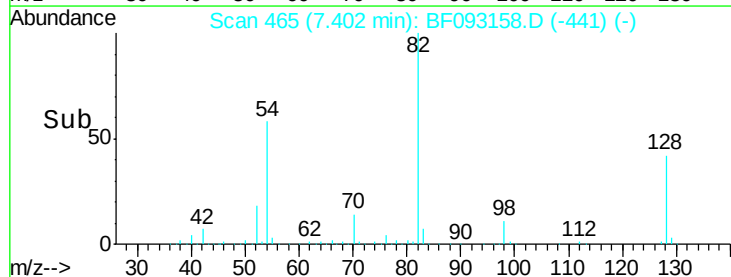


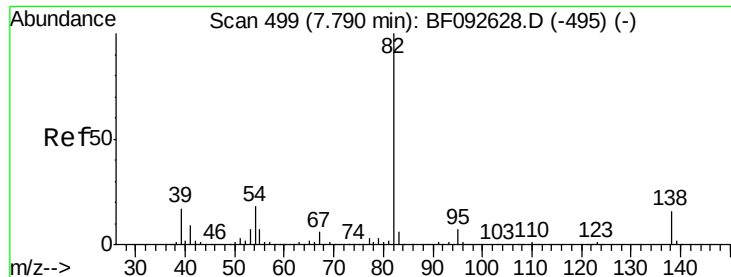
#23
Nitrobenzene-d5
Concen: 90.40 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093158.D
Acq: 24 Feb 2017 21:35

Tgt Ion:	82	Resp:	972306
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	57.8	39.5	59.3



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





#25

Isophorone

Concen: 38.11 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.29 min

Lab File: BF093158.D

Acq: 24 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

SRI-SB-5(13-15)20170222

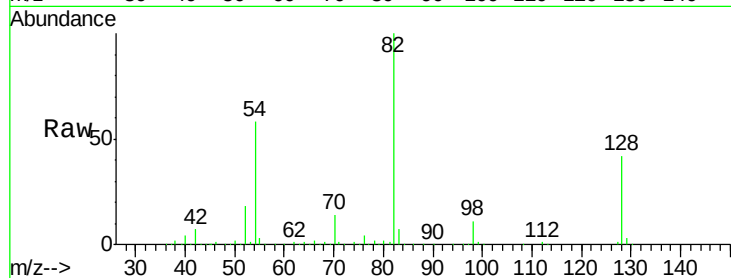
Tgt Ion: 82 Resp: 763828

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

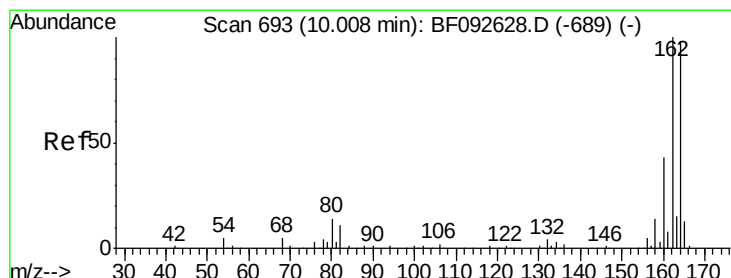
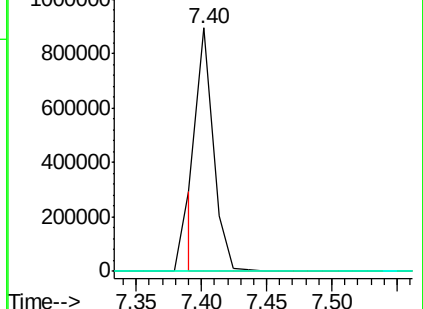
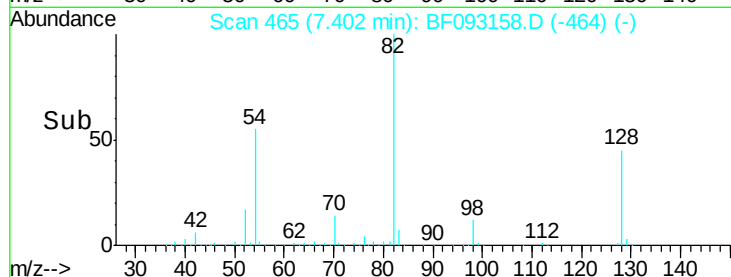
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF093158.D

Acq: 24 Feb 2017 21:35

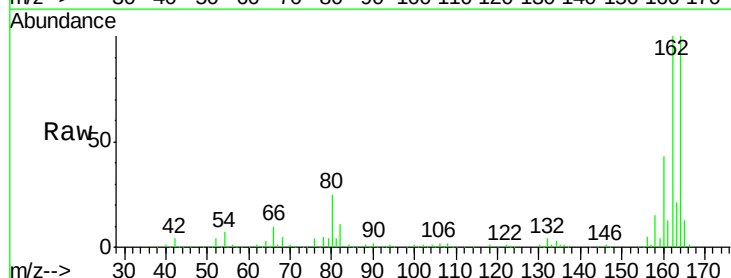
Tgt Ion: 164 Resp: 285160

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

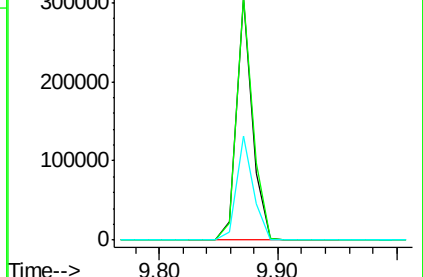
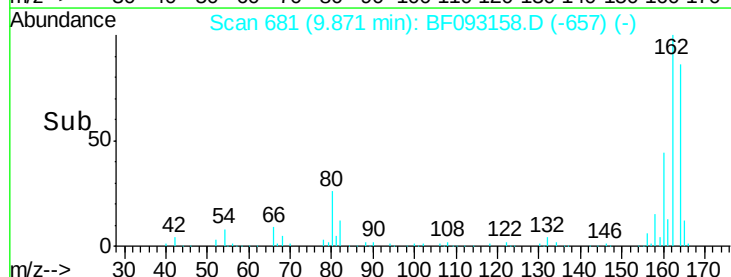
160 43.0 36.9 55.3

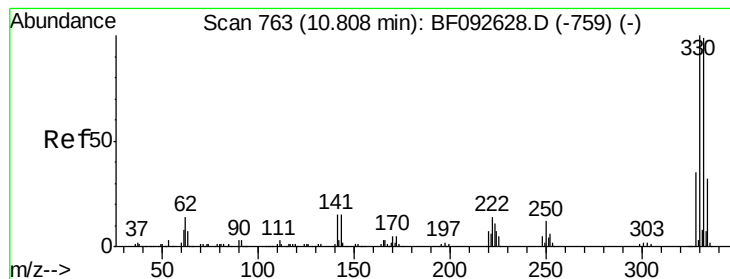


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

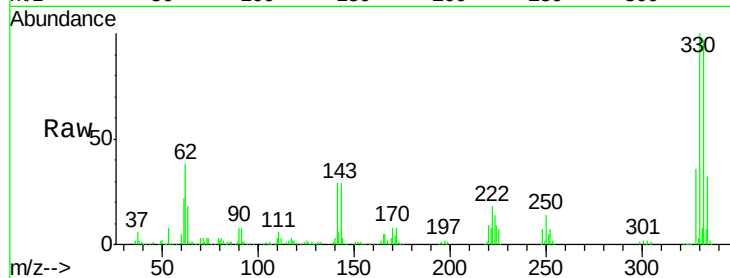




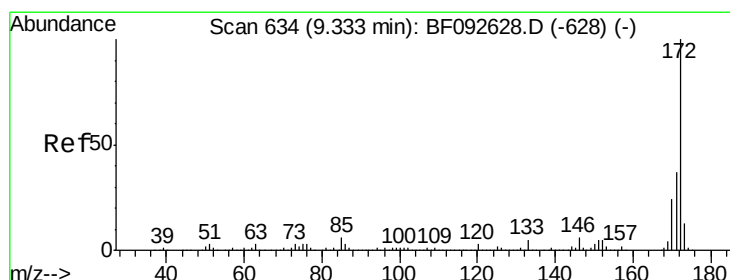
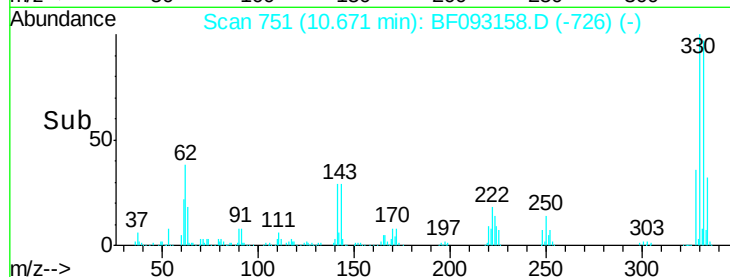
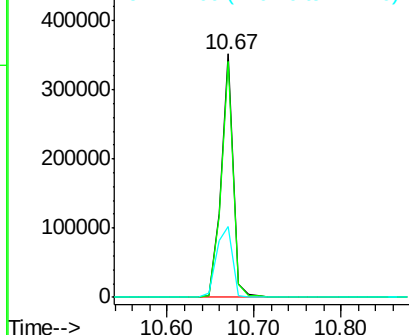
#41
 2,4,6-Tribromophenol
 Concen: 168.54 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093158.D
 Acq: 24 Feb 2017 21:35

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Tgt Ion: 330 Resp: 347616
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 39.0 34.1 51.1

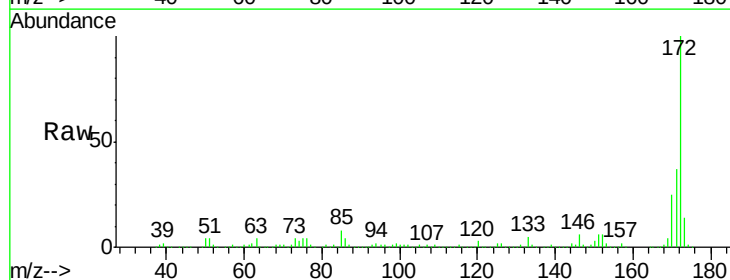


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

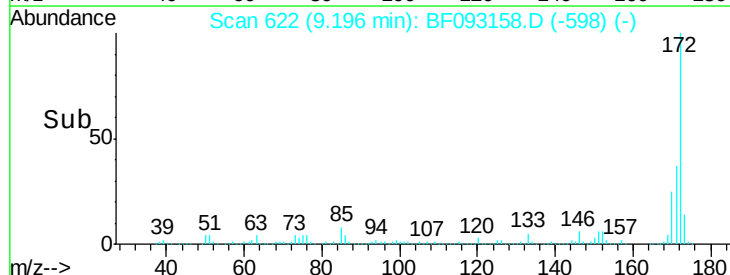
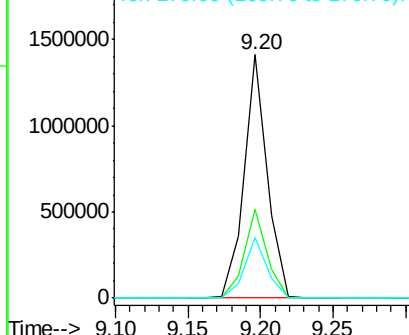


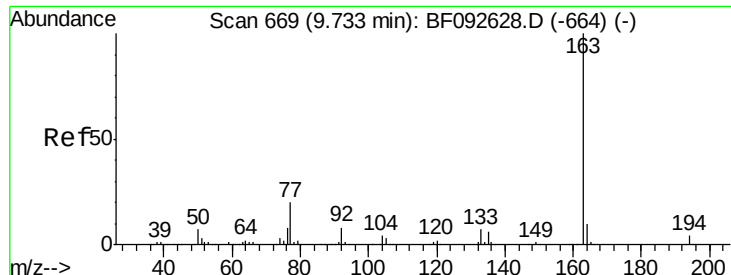
#44
 2-Fluorobiphenyl
 Concen: 99.24 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093158.D
 Acq: 24 Feb 2017 21:35

Tgt Ion: 172 Resp: 1562072
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.8 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

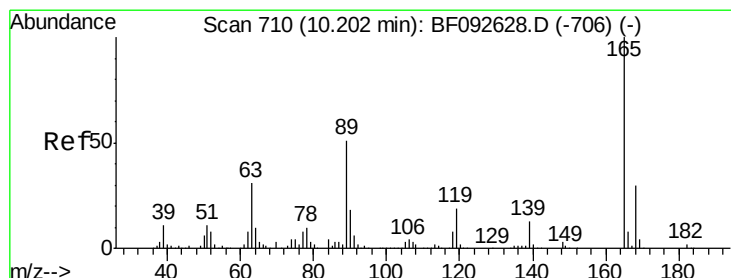
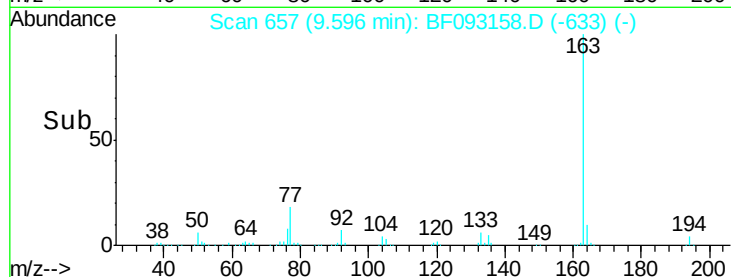
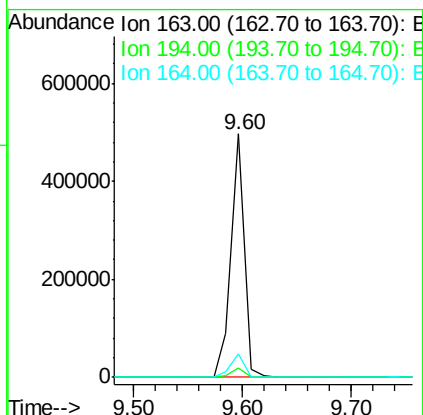
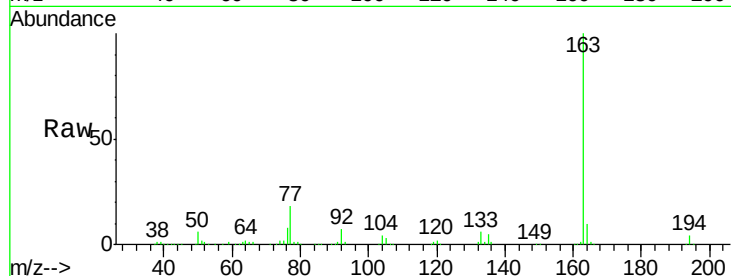




#49
Dimethylphthalate
Concen: 21.80 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093158.D
Acq: 24 Feb 2017 21:35

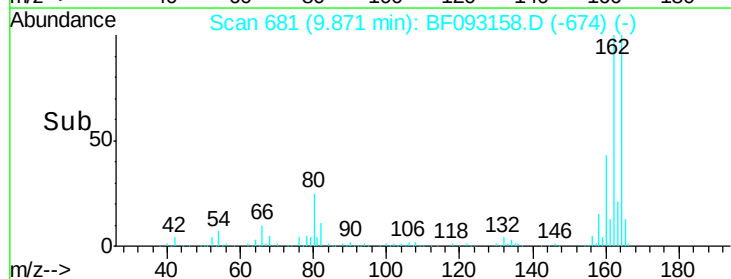
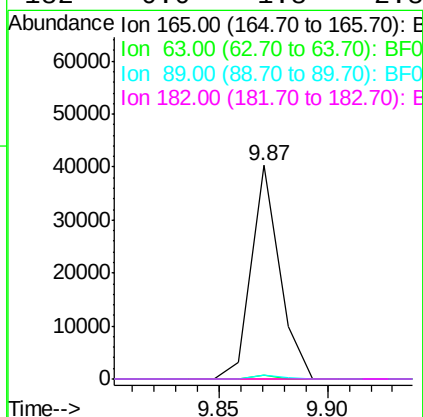
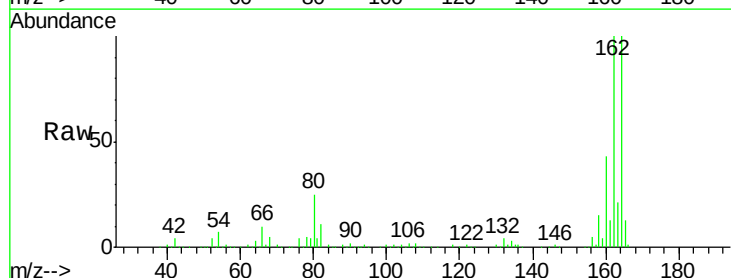
Instrument :
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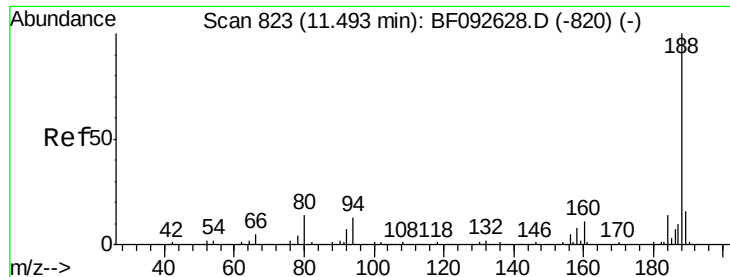
Tgt Ion:163 Resp: 418685
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.6 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.22 min
Lab File: BF093158.D
Acq: 24 Feb 2017 21:35

Tgt Ion:165 Resp: 36619
Ion Ratio Lower Upper
165 100
63 1.8 40.2 60.4#
89 1.7 62.5 93.7#
182 0.0 1.8 2.8#

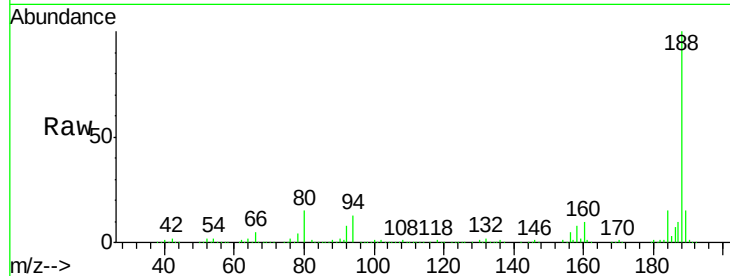




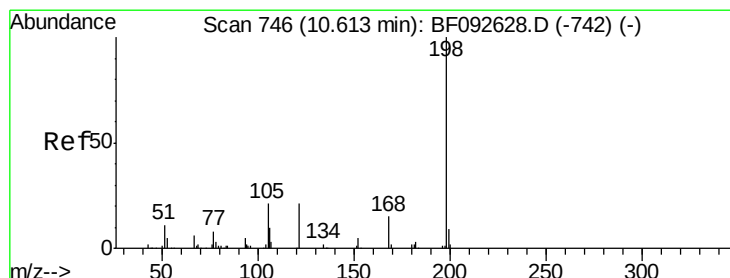
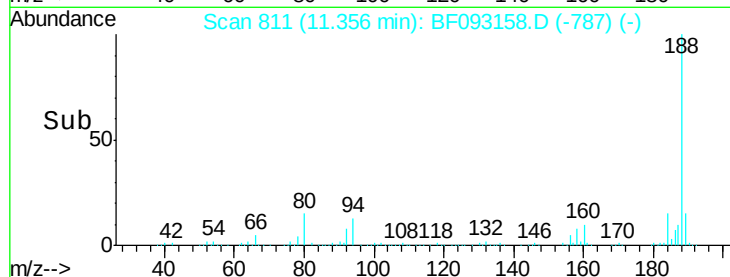
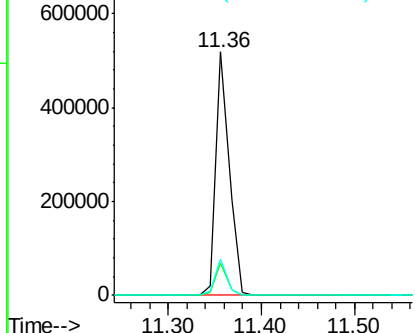
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093158.D
Acq: 24 Feb 2017 21:35

Instrument :
BNA_F
ClientSampleId :
SRI-SB-5(13-15)20170222

Tgt Ion:188 Resp: 517058
Ion Ratio Lower Upper
188 100
94 13.1 10.0 15.0
80 14.8 11.2 16.8

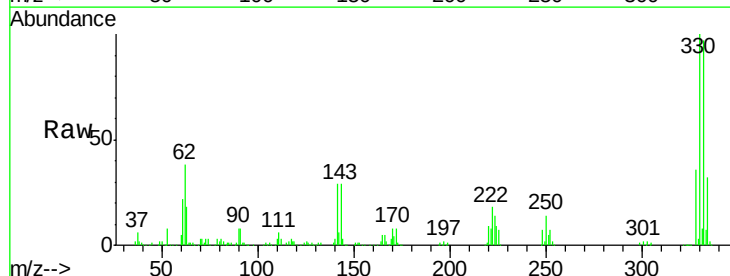


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

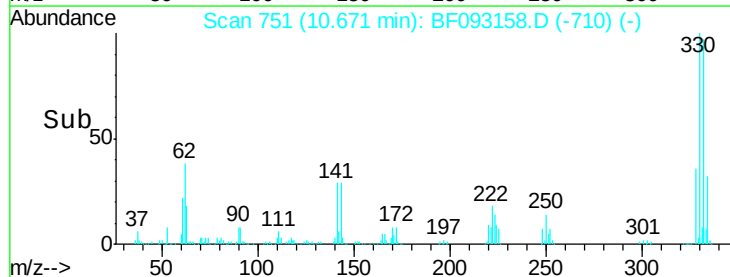
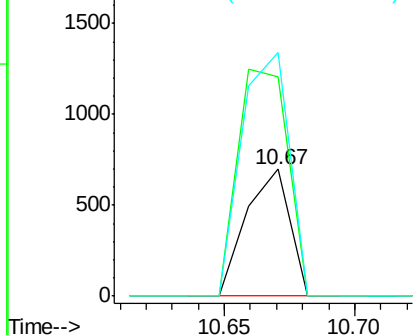


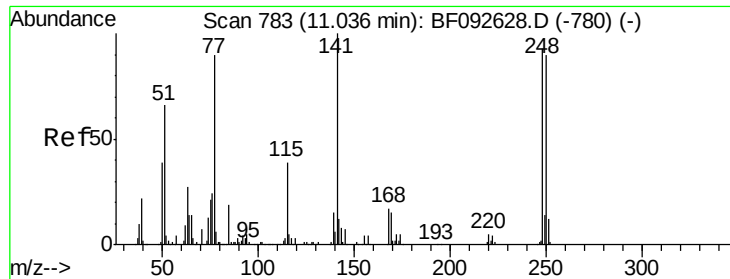
#64
4,6-Dinitro-2-methylphenol
Concen: 2.92 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.17 min
Lab File: BF093158.D
Acq: 24 Feb 2017 21:35

Tgt Ion:198 Resp: 822
Ion Ratio Lower Upper
198 100
51 173.0 6.7 46.7#
105 191.7 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

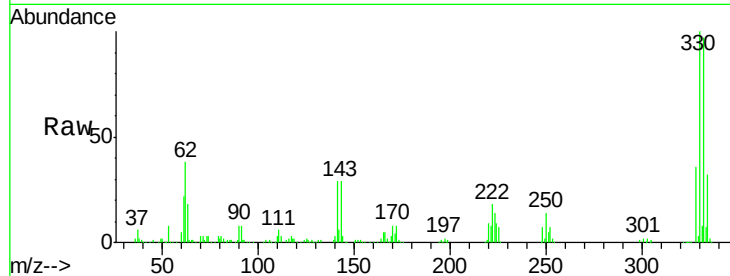




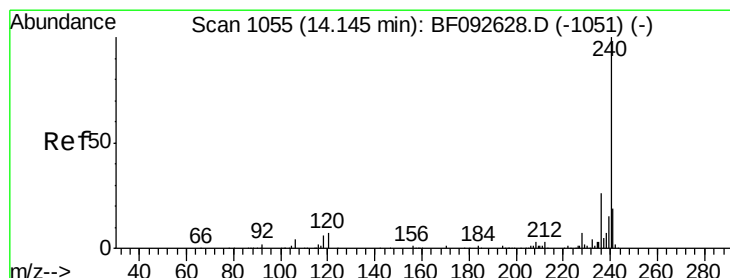
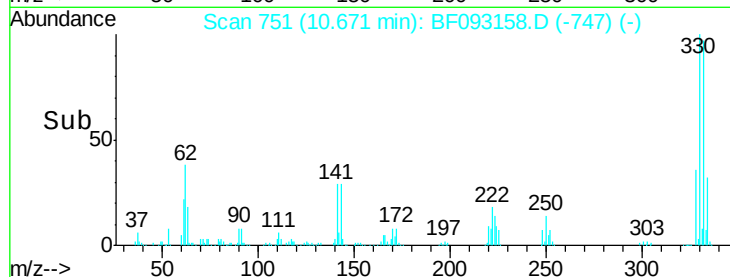
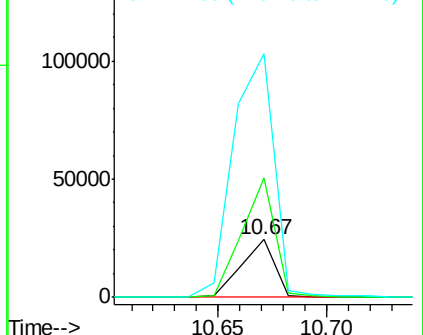
#66
 4-Bromophenyl-phenylether
 Concen: 4.79 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF093158.D
 Acq: 24 Feb 2017 21:35

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-5(13-15)20170222

Tgt Ion:248 Resp: 25880
 Ion Ratio Lower Upper
 248 100
 250 207.1 76.9 115.3#
 141 424.3 68.2 102.4#

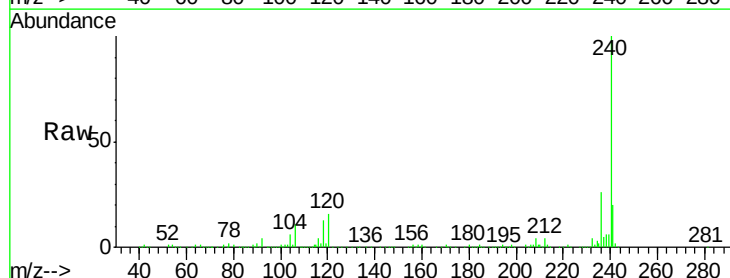


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

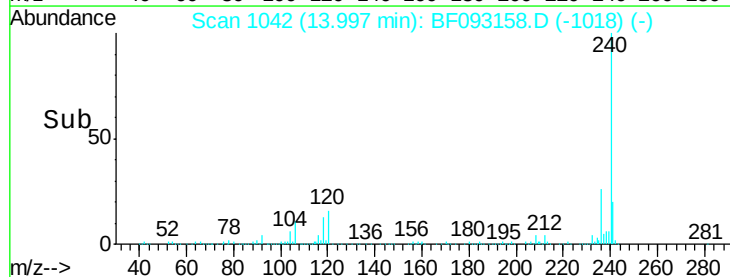
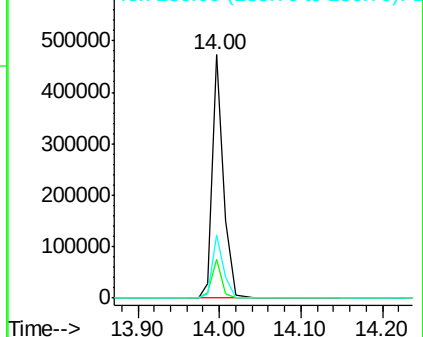


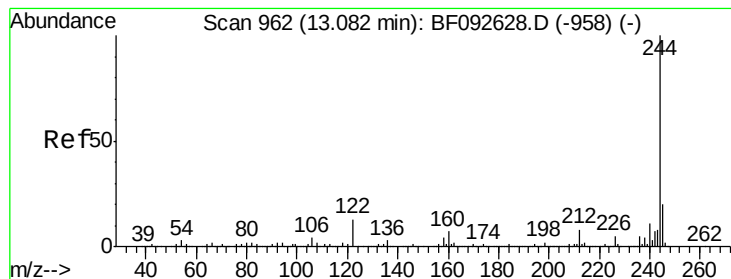
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF093158.D
 Acq: 24 Feb 2017 21:35

Tgt Ion:240 Resp: 457070
 Ion Ratio Lower Upper
 240 100
 120 16.0 12.9 19.3
 236 26.0 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: 81.10 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093158.D

Acq: 24 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

SRI-SB-5(13-15)20170222

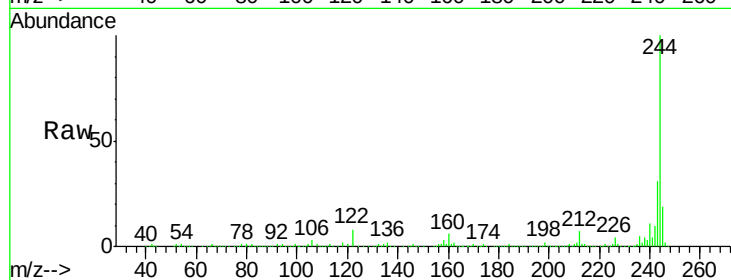
Tgt Ion:244 Resp: 1577663

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

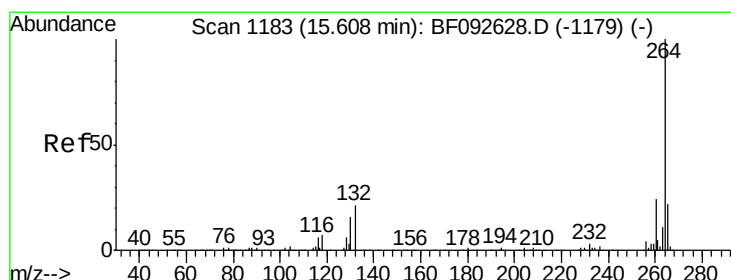
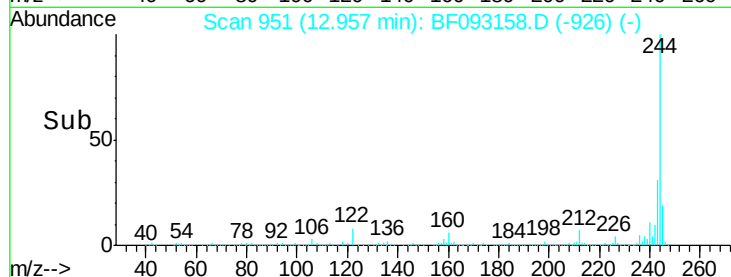
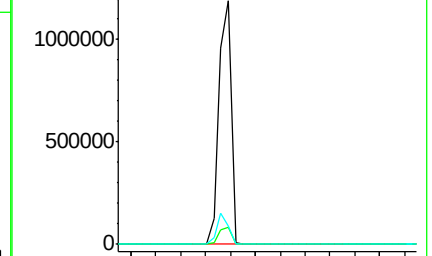
122 7.7 11.4 17.2#



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: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093158.D

Acq: 24 Feb 2017 21:35

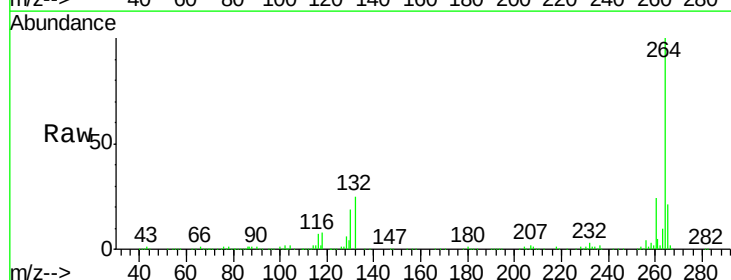
Tgt Ion:264 Resp: 339315

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 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

