

Data File : BF093152.D
Acq On : 24 Feb 2017 18:44
Operator : SJ/MA
Sample : I1957-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-3(12-14)20170221

Quant Time: Feb 24 22:06:29 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	155879	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	600520	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	287335	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	543174	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	504406	20.00	ng	-0.02
86) Perylene-d12	15.43	264	388554	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1419446	156.23	ng	-0.01
7) Phenol-d6	6.48	99	1580207	135.17	ng	-0.01
23) Nitrobenzene-d5	7.40	82	984780	91.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	356949	171.76	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1786263	112.63	ng	-0.01
78) Terphenyl-d14	12.94	244	1591027	74.11	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.49	94	127751	9.34	ng	# 72
15) Benzyl Alcohol	6.99	79	18017	2.08	ng	# 38
19) n-Nitroso-di-n-propylamine	7.40	70	126832	17.04	ng	# 81
25) Isophorone	7.40	82	793475	39.49	ng	# 65
49) Dimethylphthalate	9.60	163	369275	19.08	ng	99
56) 2,4-Dinitrotoluene	9.87	165	37426	6.73	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.67	198	1038	2.97	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	27678	4.88	ng	# 1

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

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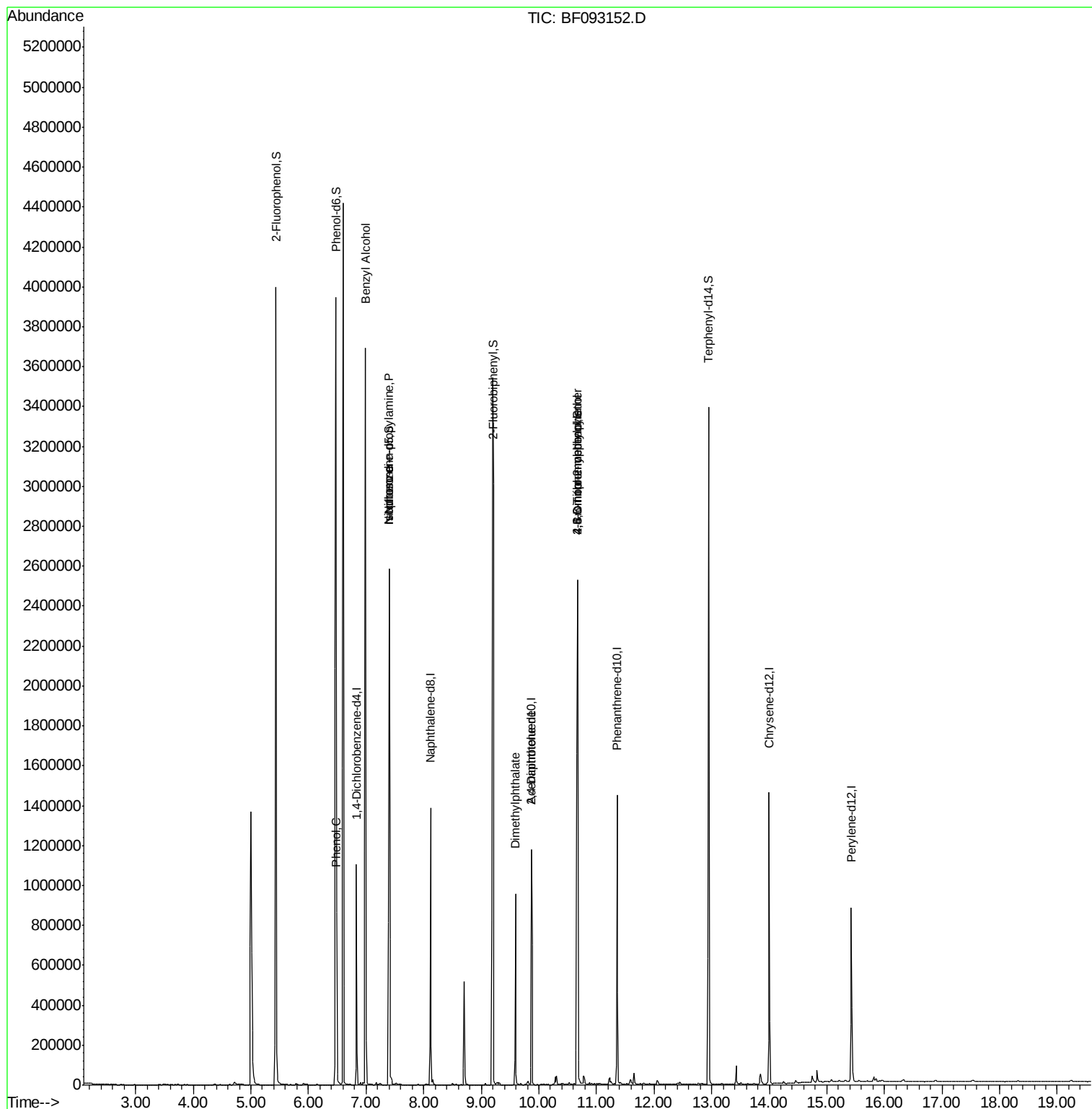
Quant Time: Feb 24 22:06:29 2017

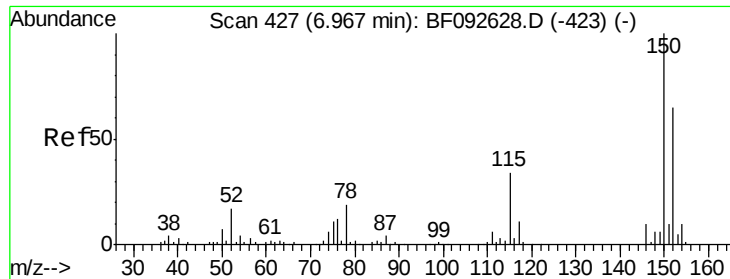
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

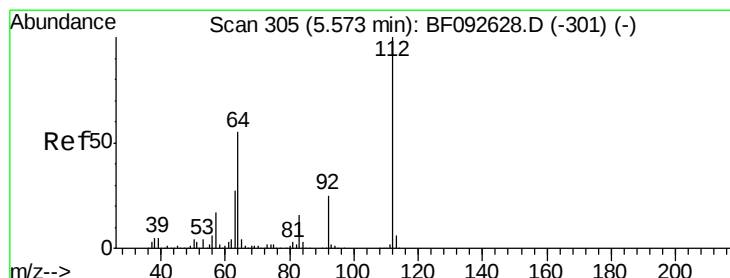
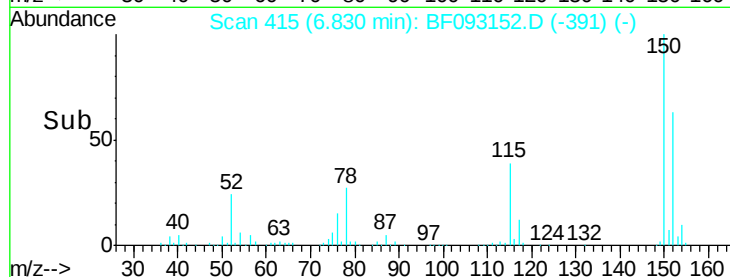
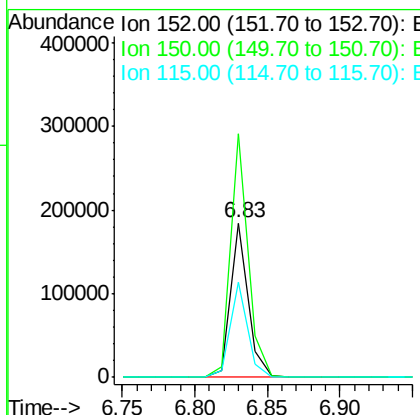
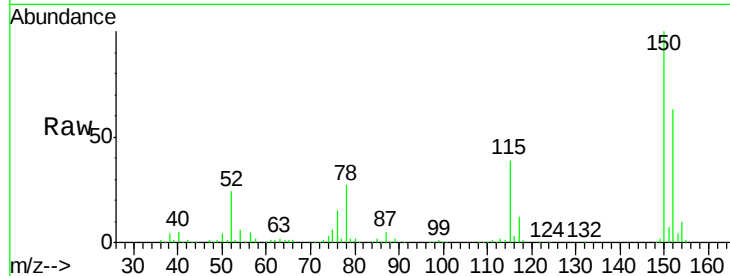




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF093152.D
 Acq: 24 Feb 2017 18:44

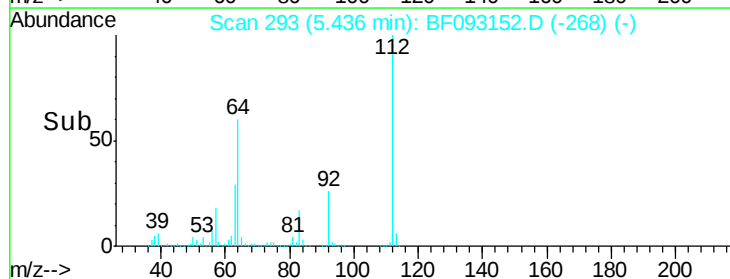
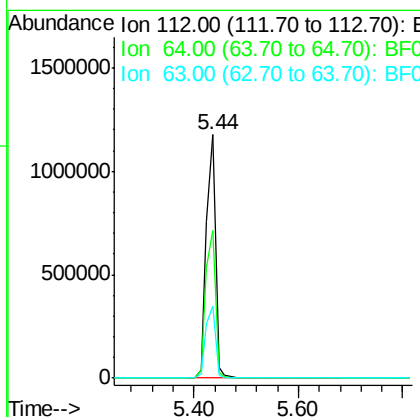
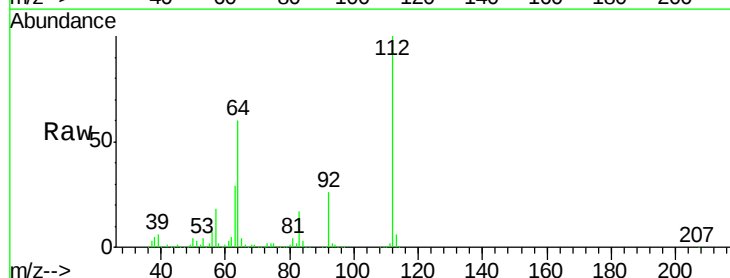
Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-3(12-14)20170221

Tgt Ion:152 Resp: 155879
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.9 187.3
 115 61.5 46.0 69.0



#5
 2-Fluorophenol
 Concen: 156.23 ng
 RT: 5.44 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF093152.D
 Acq: 24 Feb 2017 18:44

Tgt Ion:112 Resp: 1419446
 Ion Ratio Lower Upper
 112 100
 64 60.5 46.1 69.1
 63 29.5 23.8 35.6





#7

Phenol-d6

Concen: 135.17 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093152.D

Acq: 24 Feb 2017 18:44

Instrument :

BNA_F

ClientSampleId :

SRI-SB-3(12-14)20170221

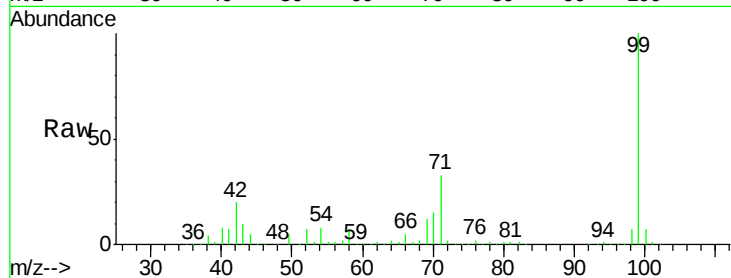
Tgt Ion: 99 Resp: 1580207

Ion Ratio Lower Upper

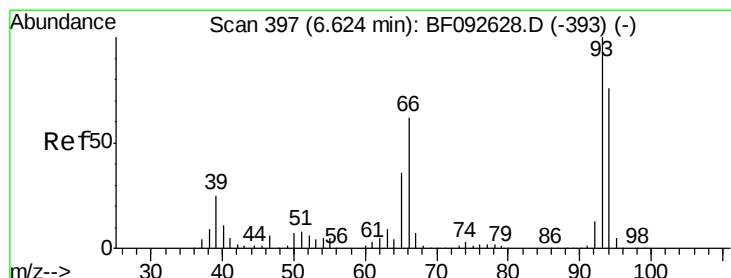
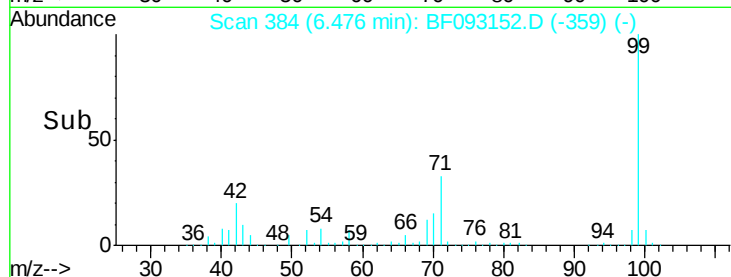
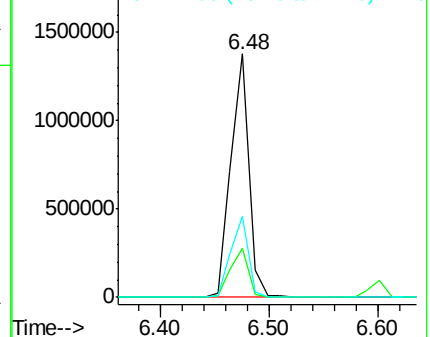
99 100

42 19.9 15.6 23.4

71 33.1 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: 9.34 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093152.D

Acq: 24 Feb 2017 18:44

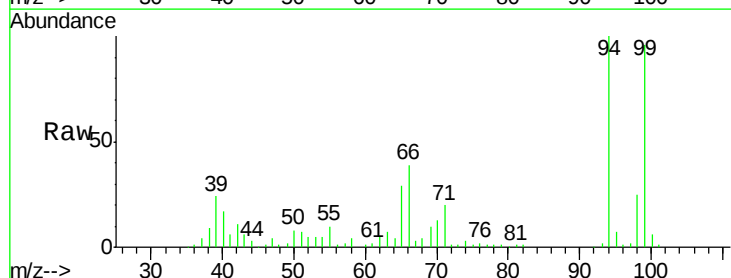
Tgt Ion: 94 Resp: 127751

Ion Ratio Lower Upper

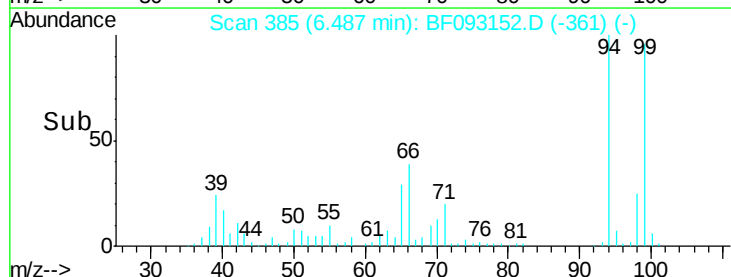
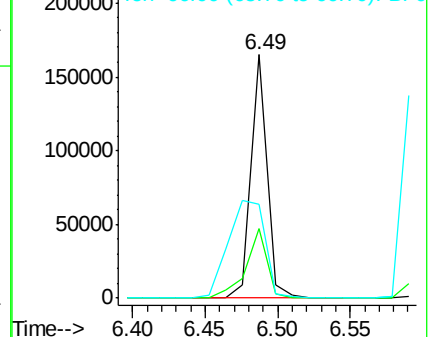
94 100

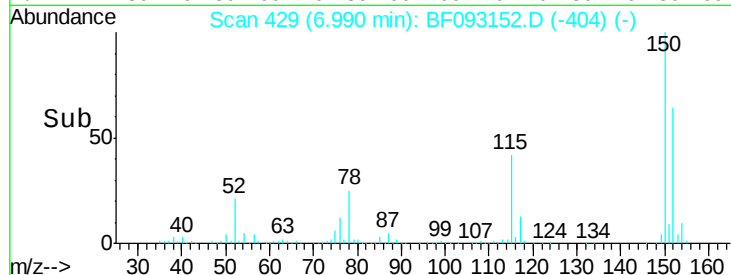
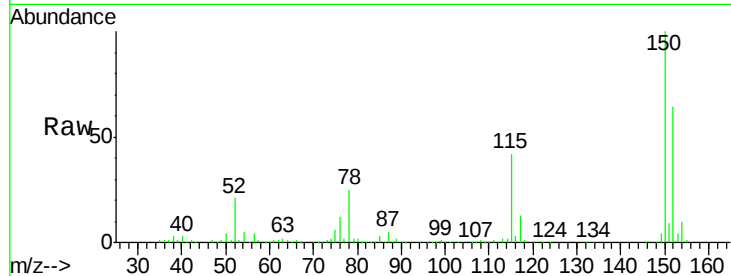
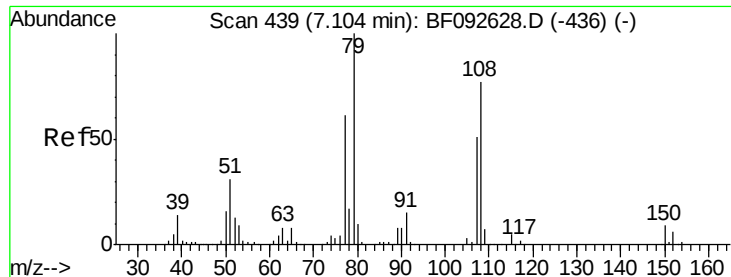
65 28.7 21.4 61.4

66 38.6 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

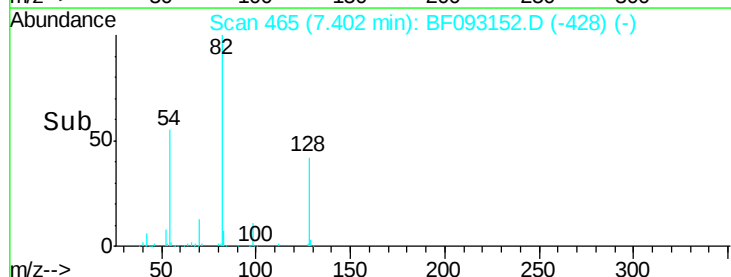
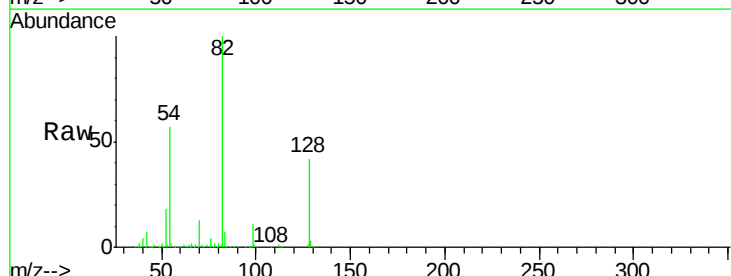
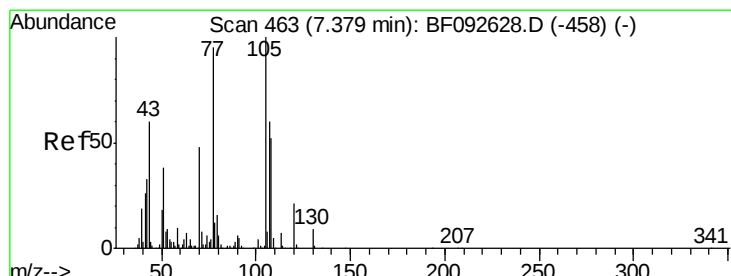
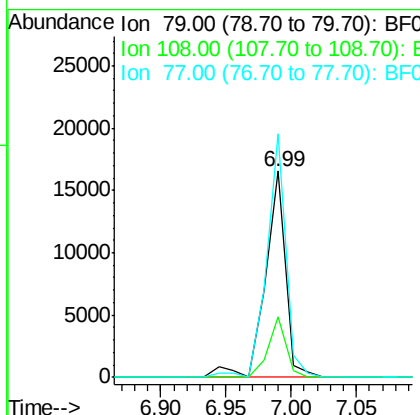




#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093152.D
Acq: 24 Feb 2017 18:44

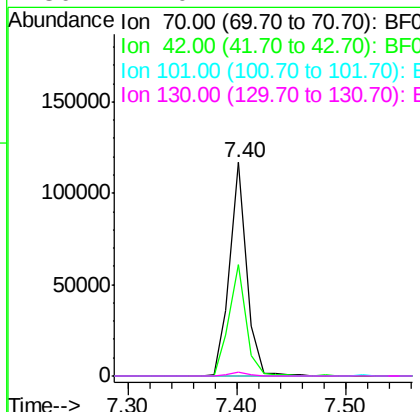
Instrument :
BNA_F
ClientSampleId :
SRI-SB-3(12-14)20170221

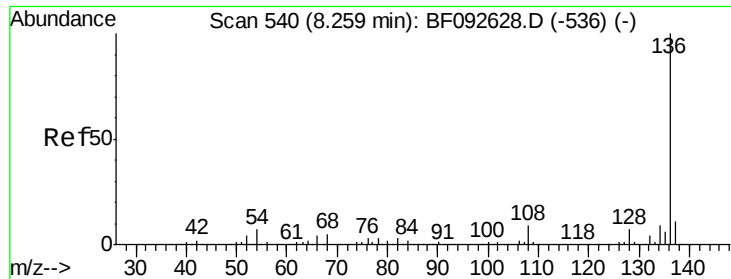
Tgt Ion: 79 Resp: 18017
Ion Ratio Lower Upper
79 100
108 29.4 61.4 92.0#
77 118.2 50.9 76.3#



#19
n-Nitroso-di-n-propylamine
Concen: 17.04 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093152.D
Acq: 24 Feb 2017 18:44

Tgt Ion: 70 Resp: 126832
Ion Ratio Lower Upper
70 100
42 51.9 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

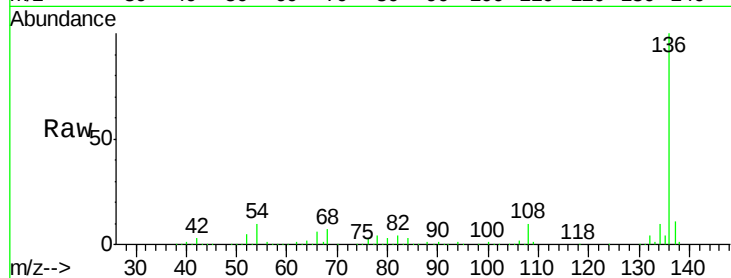




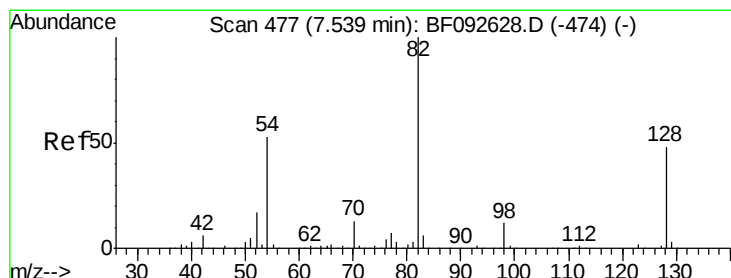
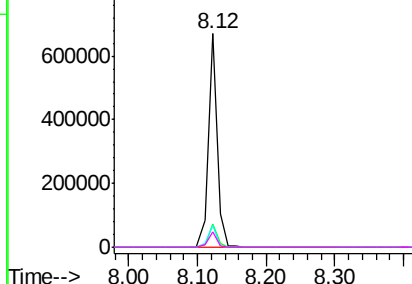
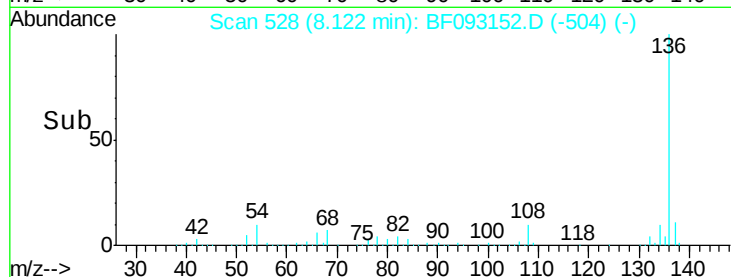
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093152.D
Acq: 24 Feb 2017 18:44

Instrument :
BNA_F
ClientSampleId :
SRI-SB-3(12-14)20170221

Tgt Ion:	136	Resp:	600520
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.4	4.5	6.7#
68	7.3	3.6	5.4#

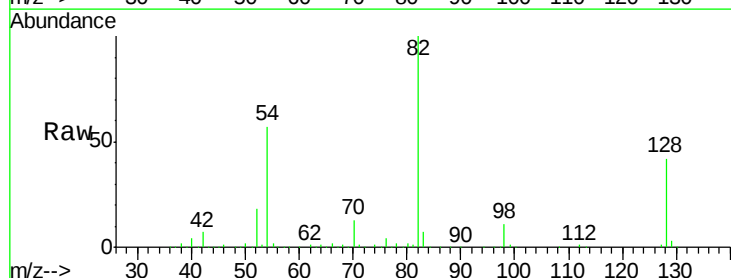


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

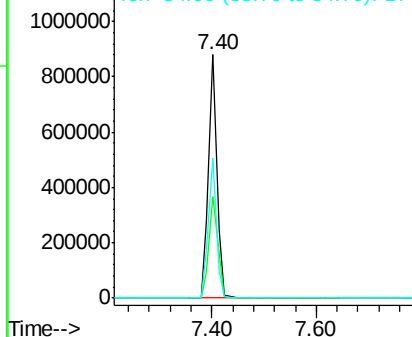
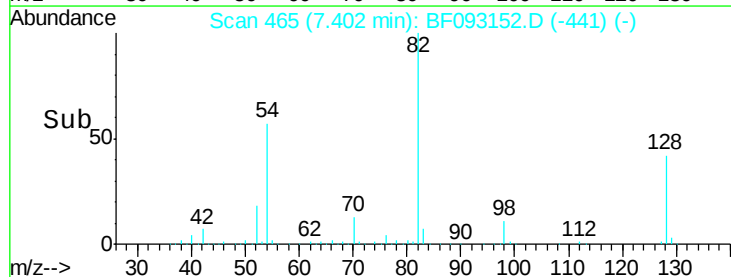


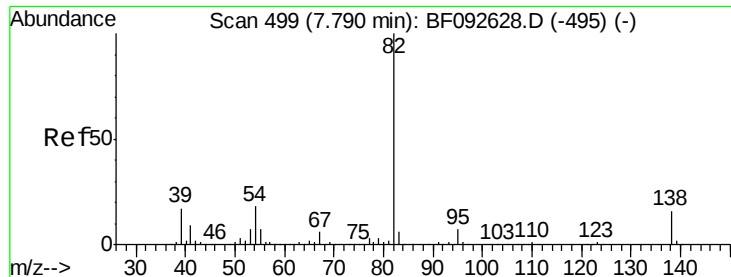
#23
Nitrobenzene-d5
Concen: 91.32 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093152.D
Acq: 24 Feb 2017 18:44

Tgt Ion:	82	Resp:	984780
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	57.3	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

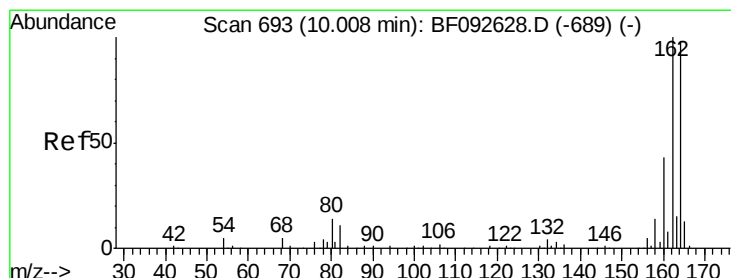
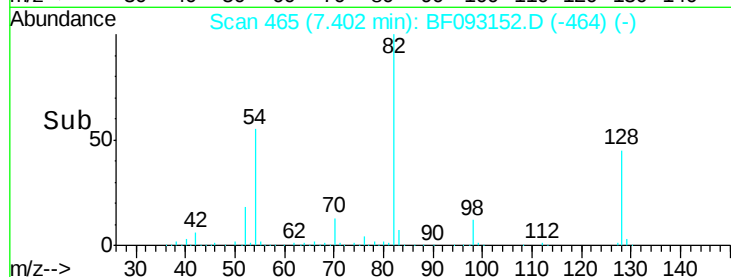
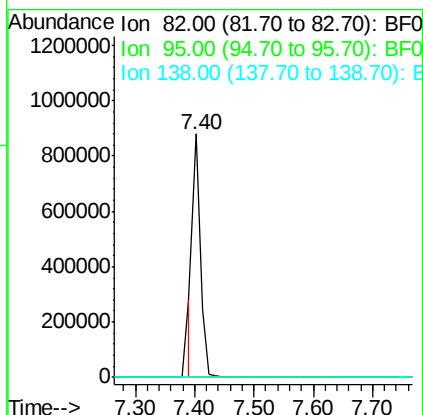
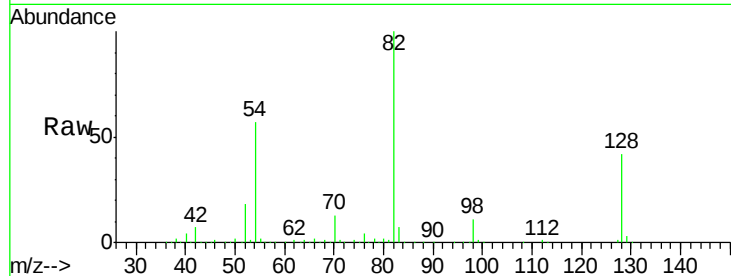




#25
Isophorone
Concen: 39.49 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.29 min
Lab File: BF093152.D
Acq: 24 Feb 2017 18:44

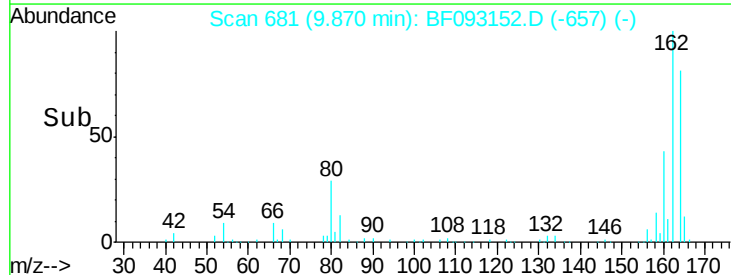
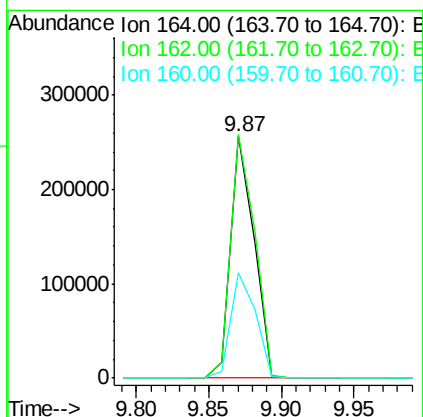
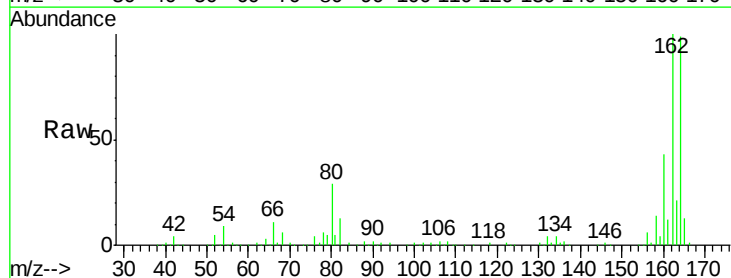
Instrument :
BNA_F
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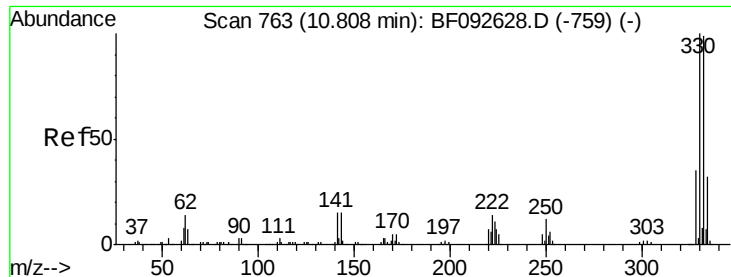
Tgt Ion: 82 Resp: 793475
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093152.D
Acq: 24 Feb 2017 18:44

Tgt Ion: 164 Resp: 287335
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 43.4 36.9 55.3

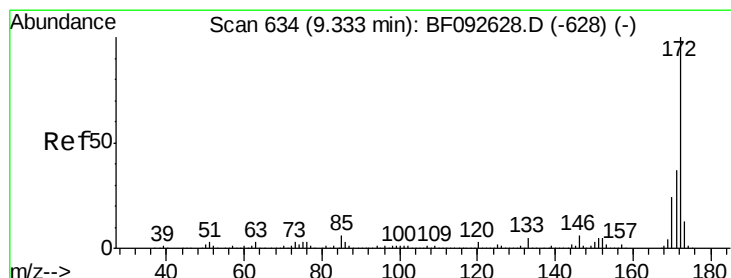
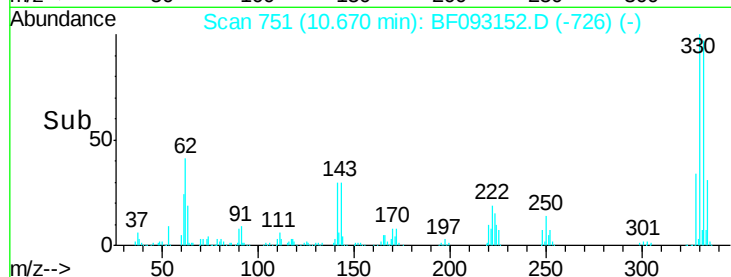
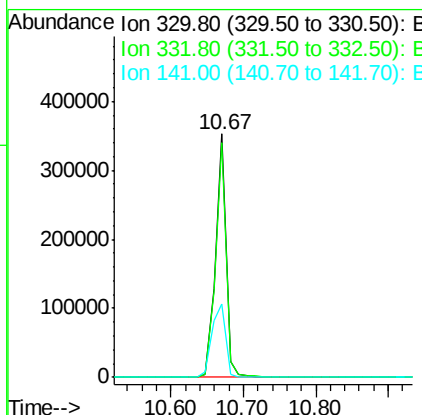
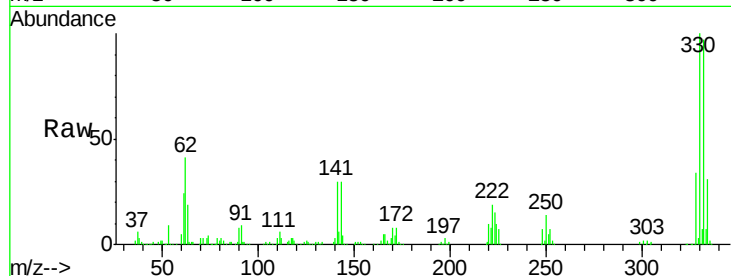




#41
 2,4,6-Tribromophenol
 Concen: 171.76 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093152.D
 Acq: 24 Feb 2017 18:44

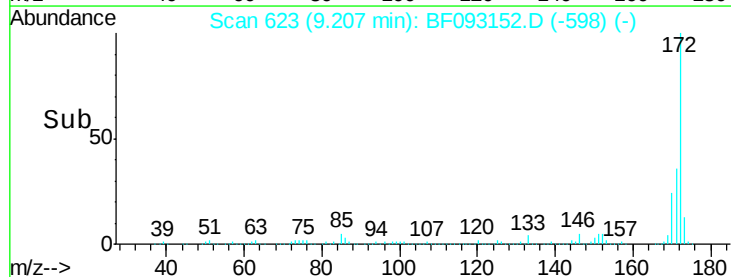
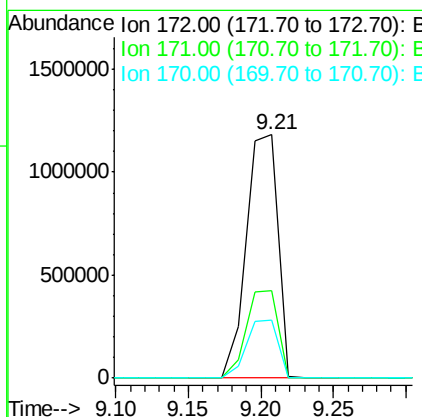
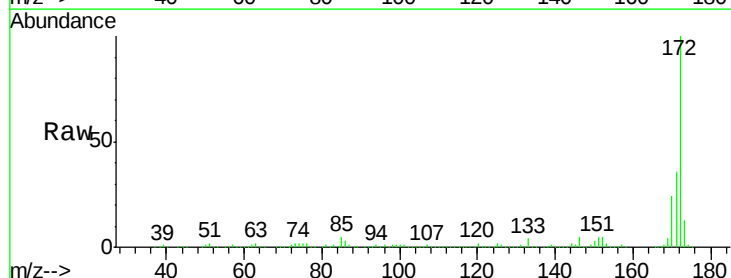
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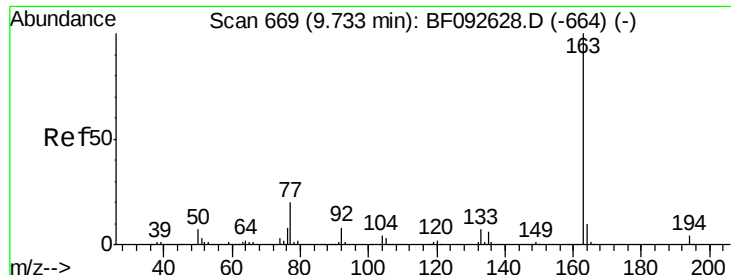
Tgt Ion:330 Resp: 356949
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 39.2 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 112.63 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093152.D
 Acq: 24 Feb 2017 18:44

Tgt Ion:172 Resp: 1786263
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.7 20.2 30.4

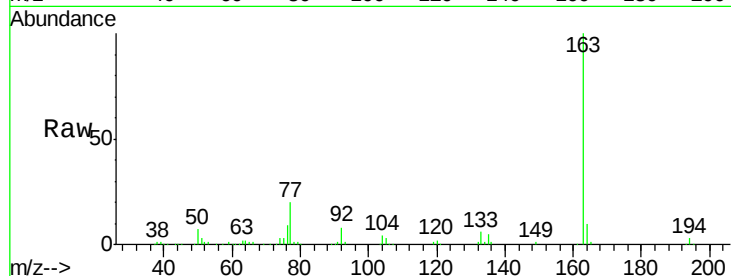




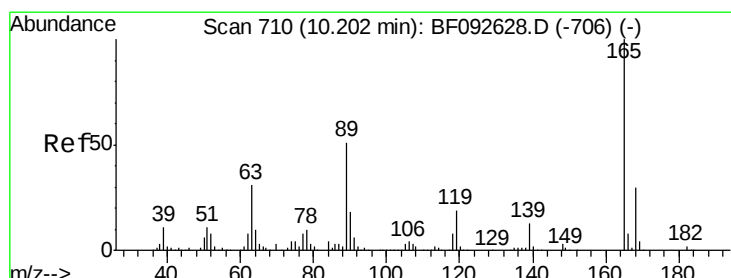
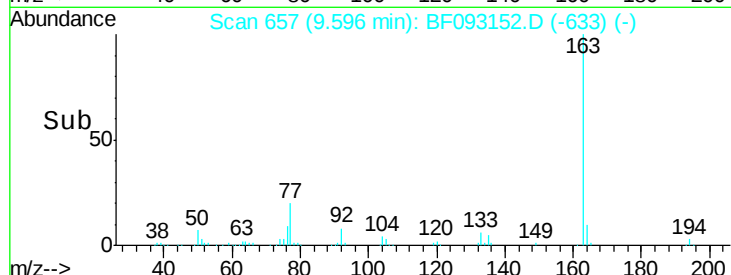
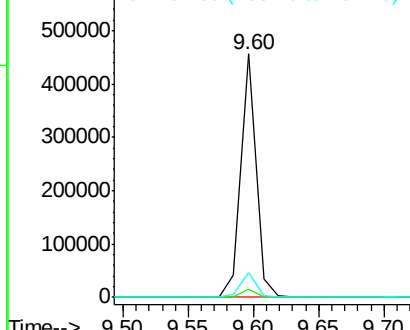
#49
Dimethylphthalate
Concen: 19.08 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093152.D
Acq: 24 Feb 2017 18:44

Instrument :
BNA_F
ClientSampleId :
SRI-SB-3(12-14)20170221

Tgt Ion:163 Resp: 369275
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.2 8.0 12.0

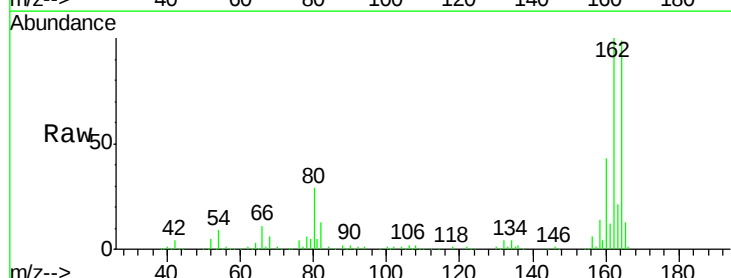


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

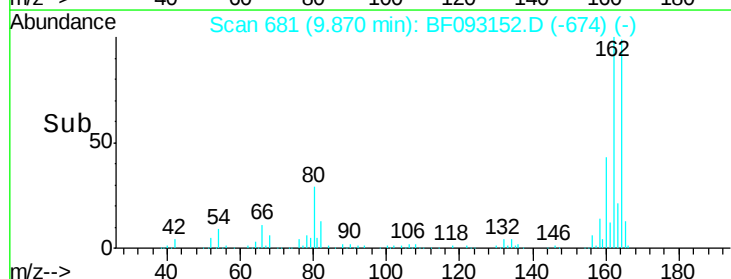
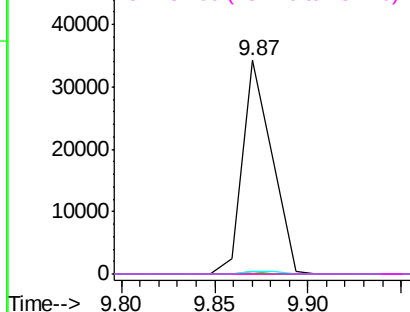


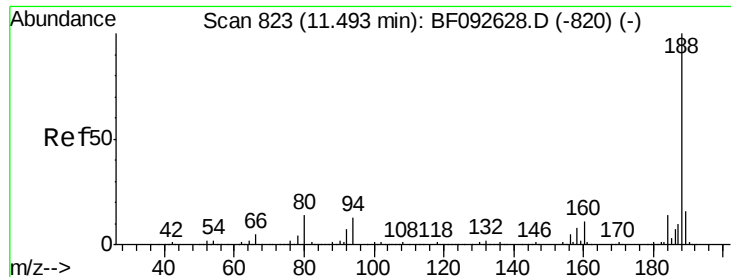
#56
2,4-Dinitrotoluene
Concen: 6.73 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.22 min
Lab File: BF093152.D
Acq: 24 Feb 2017 18:44

Tgt Ion:165 Resp: 37426
Ion Ratio Lower Upper
165 100
63 1.4 40.2 60.4#
89 1.2 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

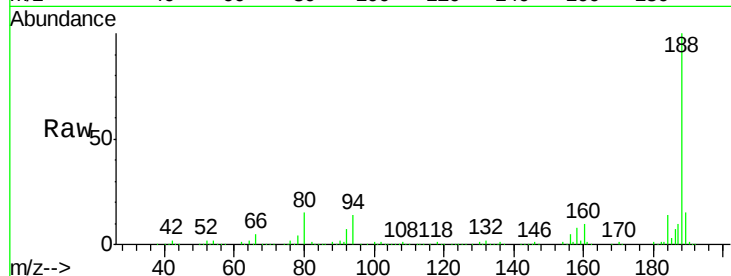




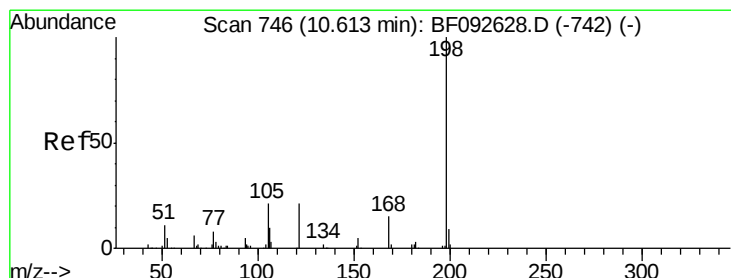
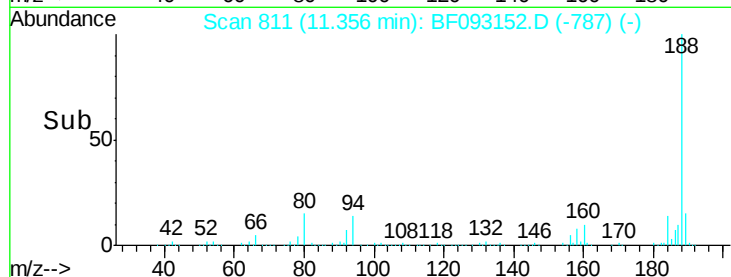
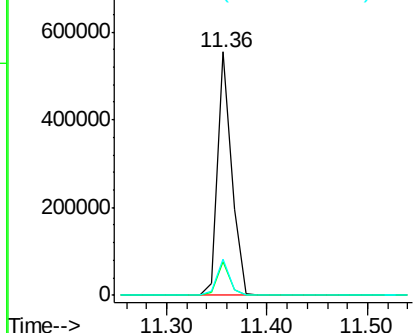
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093152.D
Acq: 24 Feb 2017 18:44

Instrument :
BNA_F
ClientSampleId :
SRI-SB-3(12-14)20170221

Tgt Ion:188 Resp: 543174
Ion Ratio Lower Upper
188 100
94 13.6 10.0 15.0
80 14.8 11.2 16.8

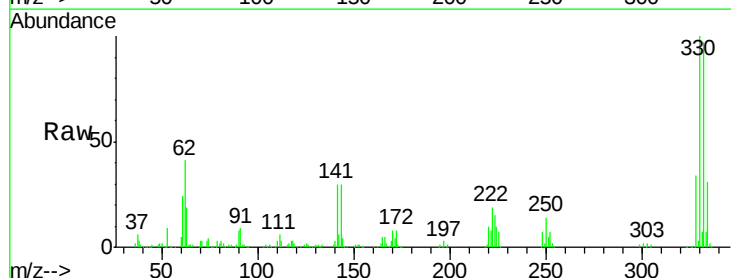


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

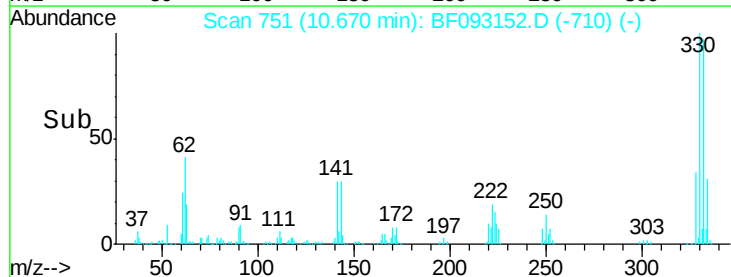
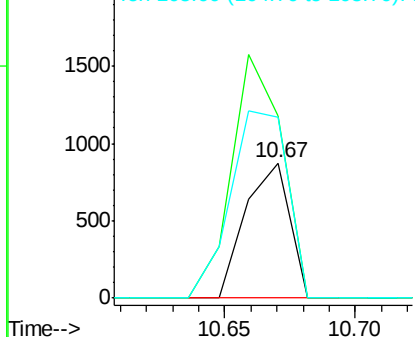


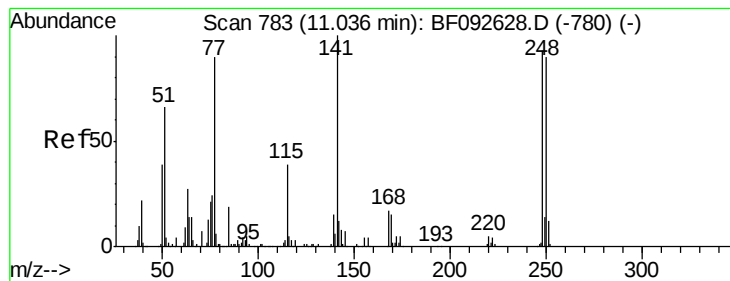
#64
4,6-Dinitro-2-methylphenol
Concen: 2.97 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.17 min
Lab File: BF093152.D
Acq: 24 Feb 2017 18:44

Tgt Ion:198 Resp: 1038
Ion Ratio Lower Upper
198 100
51 134.2 6.7 46.7#
105 133.3 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: 4.88 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093152.D

Acq: 24 Feb 2017 18:44

Instrument :

BNA_F

ClientSampleId :

SRI-SB-3(12-14)20170221

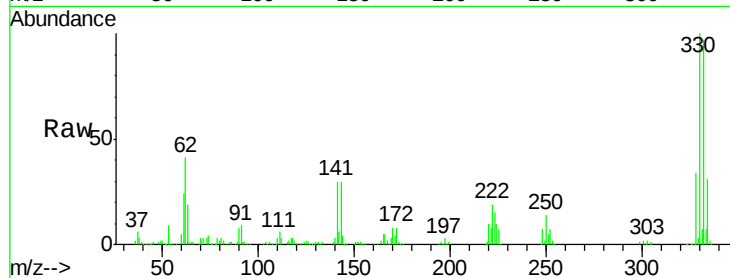
Tgt Ion:248 Resp: 27678

Ion Ratio Lower Upper

248 100

250 204.2 76.9 115.3#

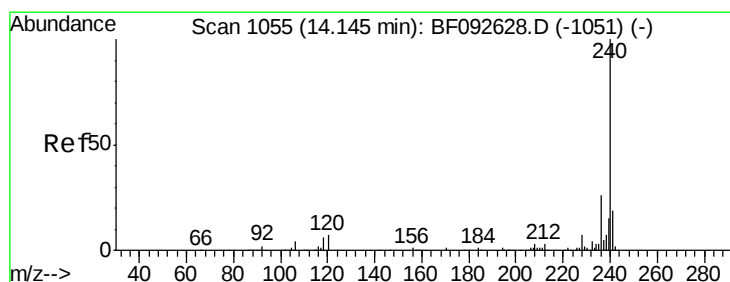
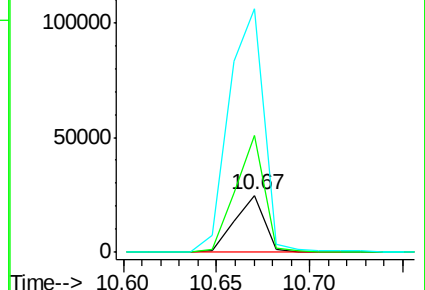
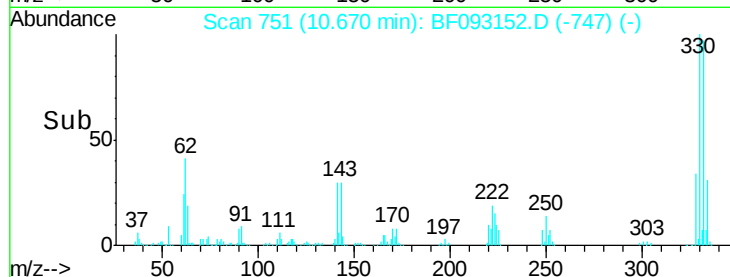
141 427.1 68.2 102.4#



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: BF093152.D

Acq: 24 Feb 2017 18:44

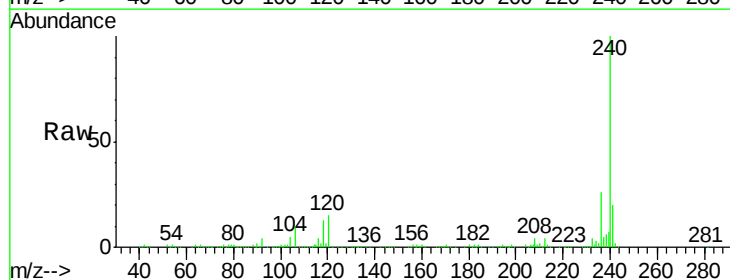
Tgt Ion:240 Resp: 504406

Ion Ratio Lower Upper

240 100

120 14.8 12.9 19.3

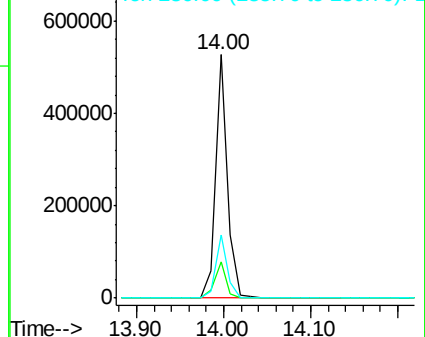
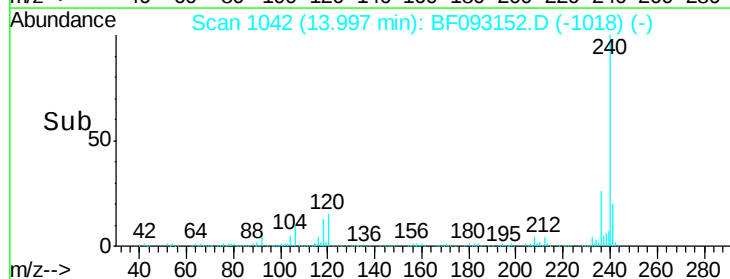
236 25.8 20.9 31.3

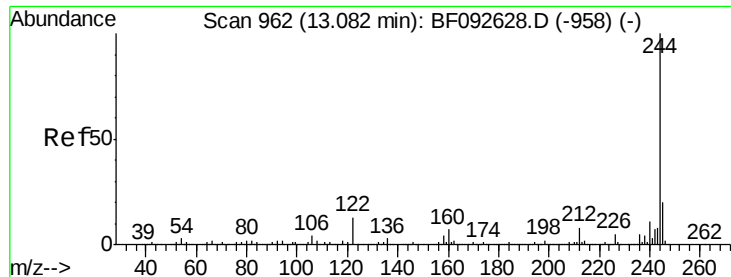


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

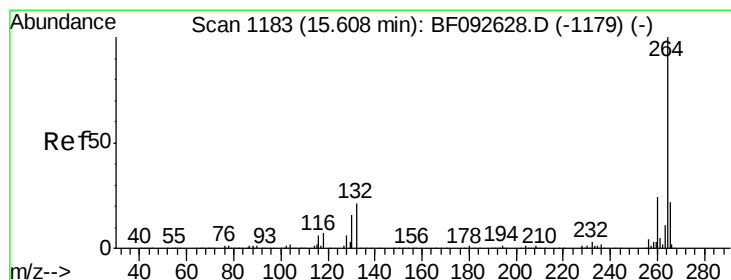
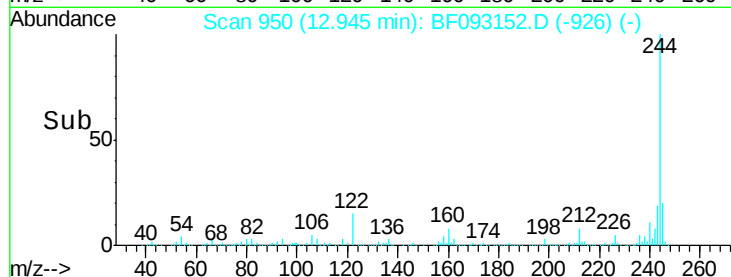
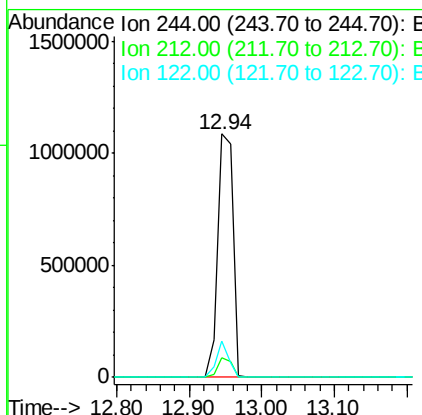
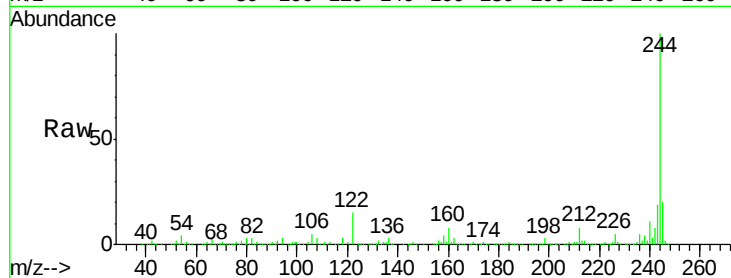




#78
 Terphenyl-d14
 Concen: 74.11 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093152.D
 Acq: 24 Feb 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-3(12-14)20170221

Tgt Ion:244 Resp: 1591027
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 15.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093152.D
 Acq: 24 Feb 2017 18:44

Tgt Ion:264 Resp: 388554
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.8 17.4 26.0

