

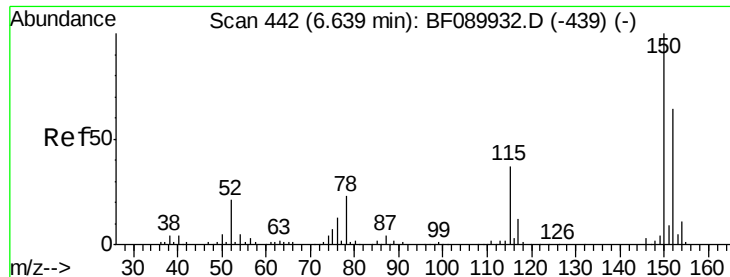
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090045.D
 Acq On : 9 Sep 2016 1:02
 Operator : UM/SJ
 Sample : H4688-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-UST16

Quant Time: Sep 09 04:40:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	173186	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	709389	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	320529	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	351283	20.00	ng	0.01
75) Chrysene-d12	13.74	240	343930	20.00	ng	0.01
86) Perylene-d12	15.06	264	310035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1363438	126.01	ng	0.01
7) Phenol-d6	6.25	99	1638901	124.66	ng	0.00
23) Nitrobenzene-d5	7.16	82	1065757	87.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	331984	104.98	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	1738983	89.06	ng	0.00
78) Terphenyl-d14	12.72	244	680586	48.88	ng	0.03
Target Compounds						
15) Benzyl Alcohol	6.75	79	16546	2.01	ng	# 49
19) n-Nitroso-di-n-propylamine	7.16	70	138674	16.19	ng	# 85
25) Isophorone	7.16	82	955706	38.42	ng	# 65
49) Dimethylphthalate	9.37	163	999099	43.13	ng	# 98
50) 2,6-Dinitrotoluene	9.37	165	13377	2.60	ng	# 53
65) n-Nitrosodiphenylamine	10.30	169	52867	5.01	ng	# 46
68) Atrazine	10.84	200	28264	8.02	ng	# 9
70) Phenanthrene	11.14	178	50664	2.90	ng	# 1
71) Anthracene	11.19	178	60399	3.40	ng	# 46
77) Pyrene	12.56	202	175564	7.24	ng	# 78
80) Benzo(a)anthracene	13.75	228	61983	2.94	ng	# 29
82) Chrysene	13.75	228	61983	3.15	ng	# 38

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

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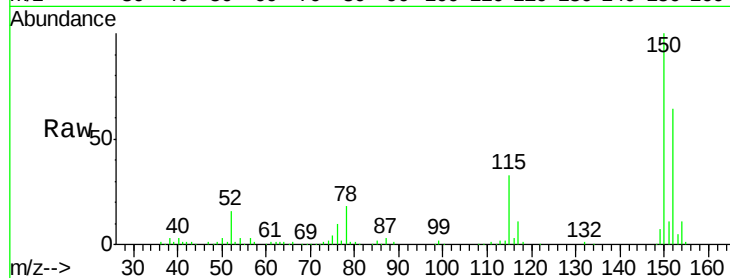
Tgt Ion:152 Resp: 173186

Ion Ratio Lower Upper

152 100

150 155.2 127.4 191.2

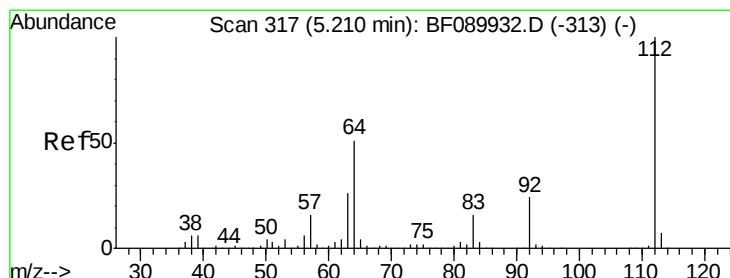
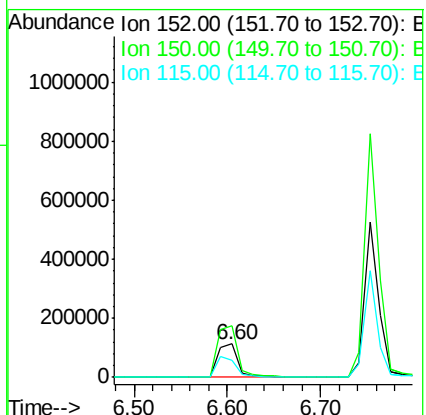
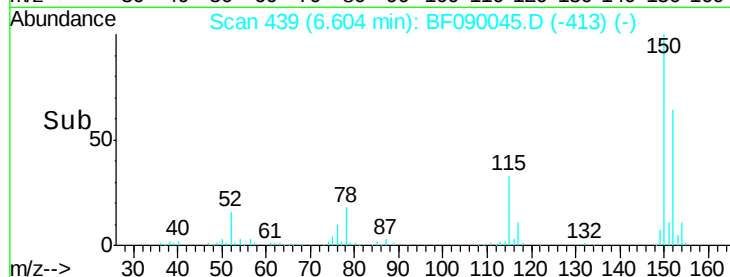
115 50.5 46.3 69.5



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: 126.01 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.01 min

Lab File: BF090045.D

Acq: 9 Sep 2016 1:02

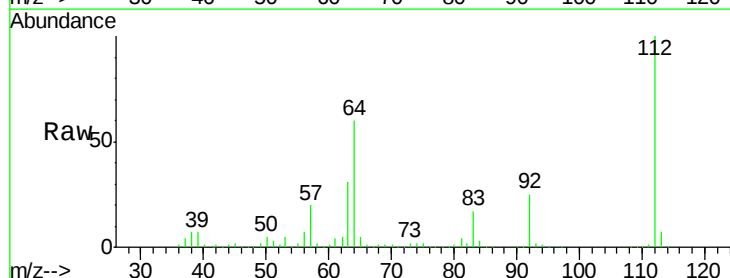
Tgt Ion:112 Resp: 1363438

Ion Ratio Lower Upper

112 100

64 60.2 41.1 61.7

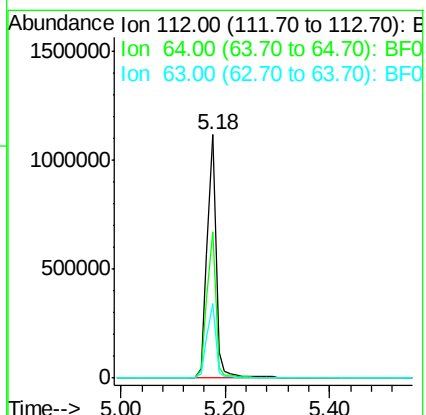
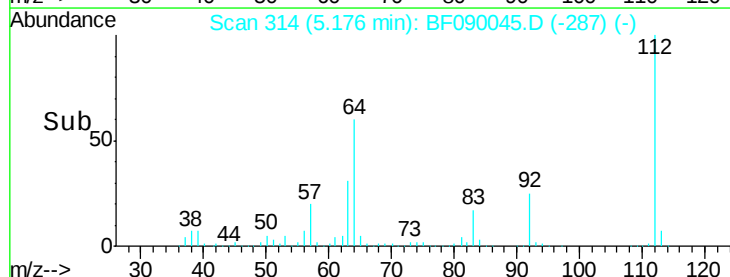
63 30.8 21.2 31.8

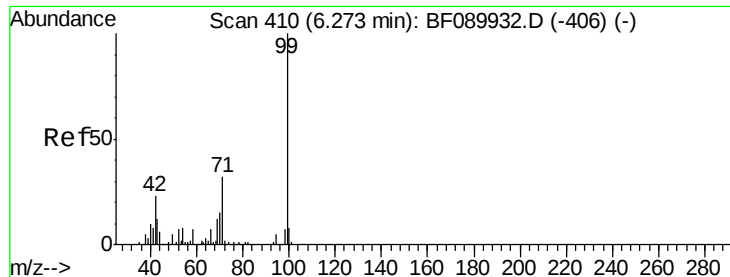


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.66 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090045.D

Acq: 9 Sep 2016 1:02

Instrument :

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SS-UST16

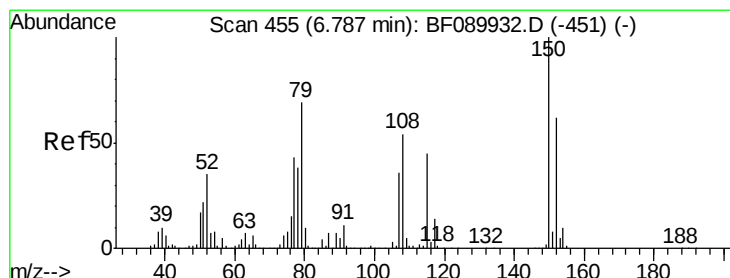
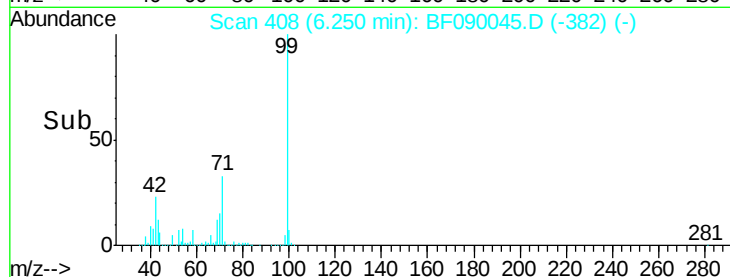
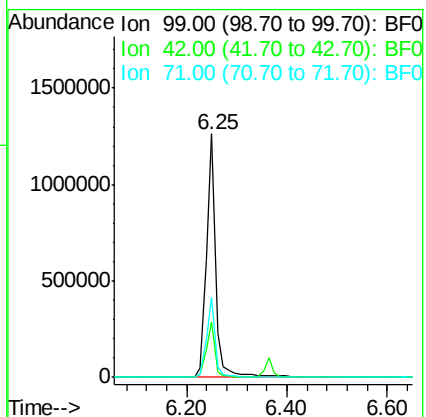
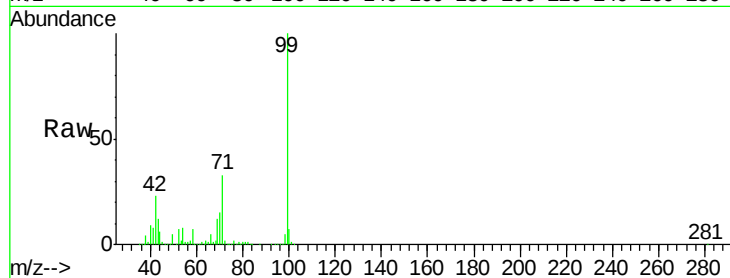
Tgt Ion: 99 Resp: 1638901

Ion Ratio Lower Upper

99 100

42 23.0 18.6 27.8

71 32.8 25.8 38.6



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF090045.D

Acq: 9 Sep 2016 1:02

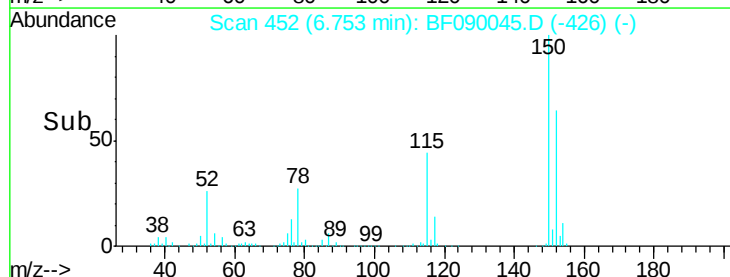
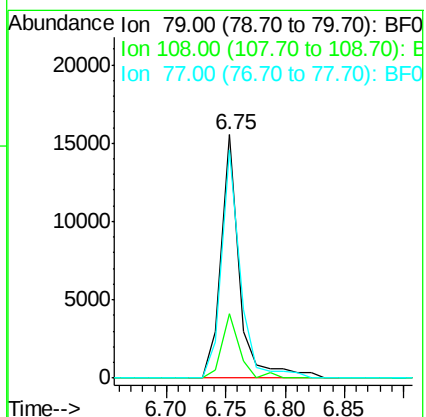
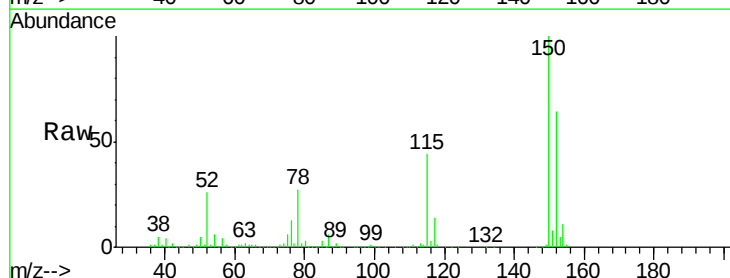
Tgt Ion: 79 Resp: 16546

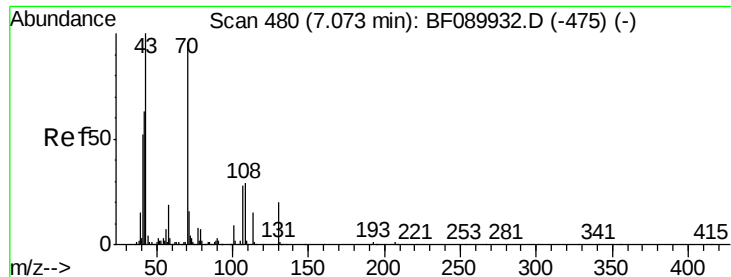
Ion Ratio Lower Upper

79 100

108 26.5 62.1 93.1#

77 93.9 50.1 75.1#

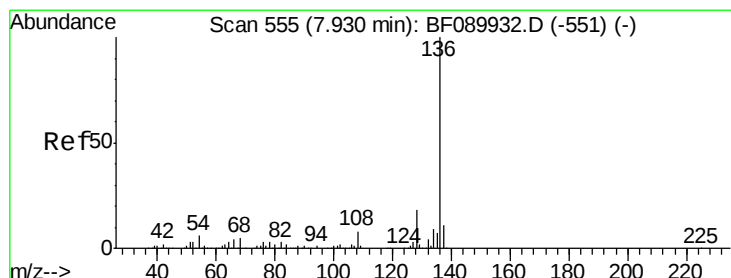
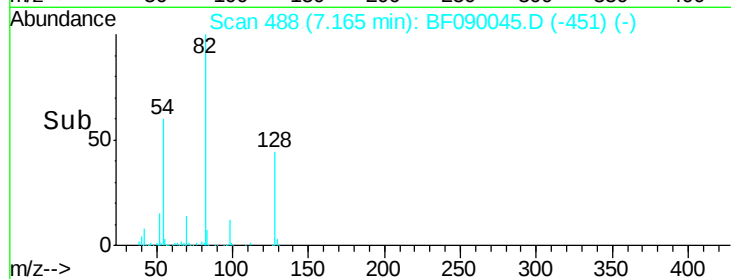
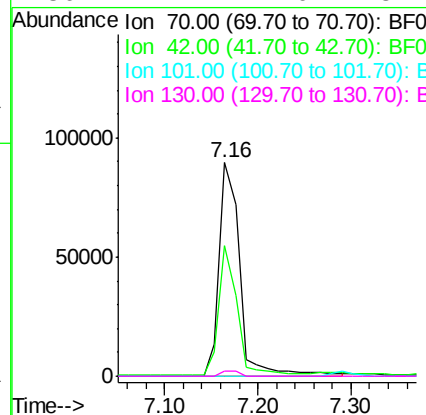
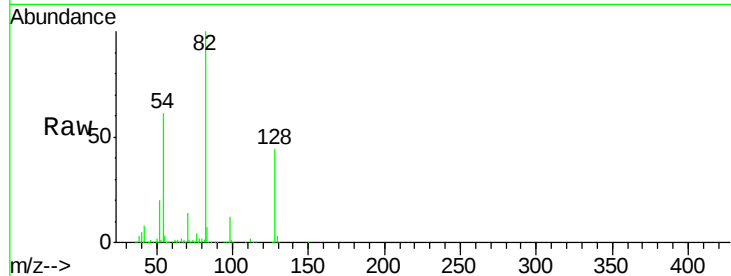




#19
n-Nitroso-di-n-propylamine
Concen: 16.19 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF090045.D
Acq: 9 Sep 2016 1:02

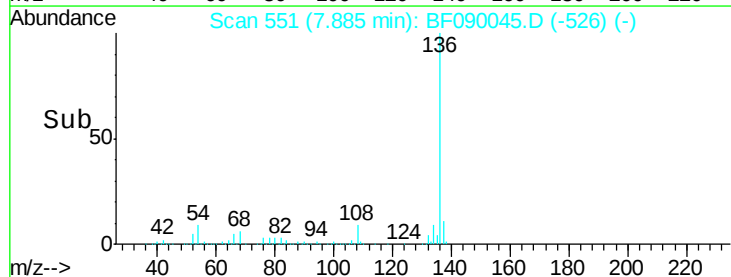
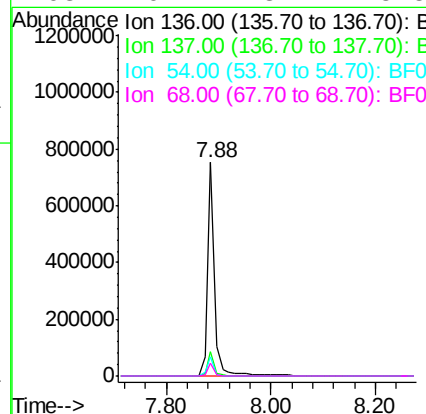
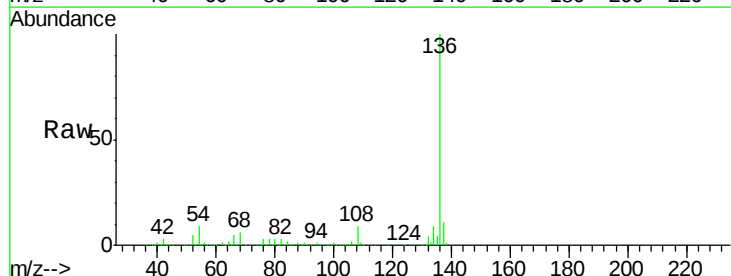
Instrument :
BNA_F
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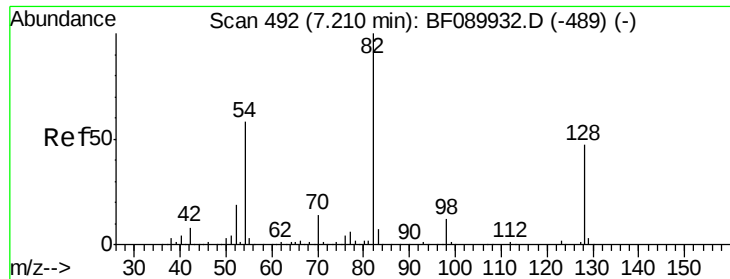
Tgt Ion: 70 Resp: 138674
Ion Ratio Lower Upper
70 100
42 60.9 52.1 78.1
101 0.0 7.4 11.2#
130 2.2 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090045.D
Acq: 9 Sep 2016 1:02

Tgt Ion: 136 Resp: 709389
Ion Ratio Lower Upper
136 100
137 11.2 8.3 12.5
54 9.1 4.8 7.2#
68 6.1 3.7 5.5#

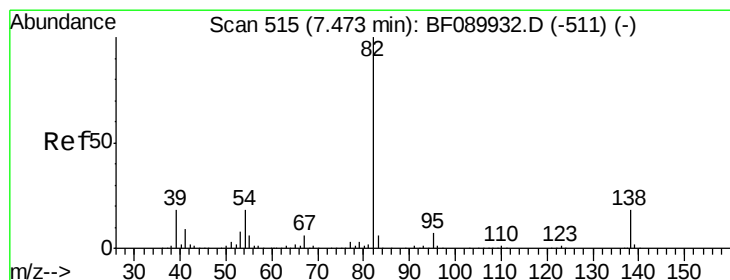
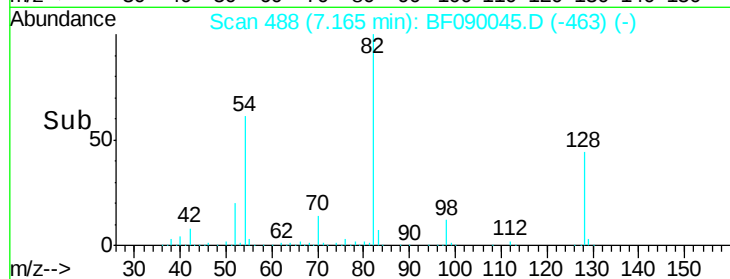
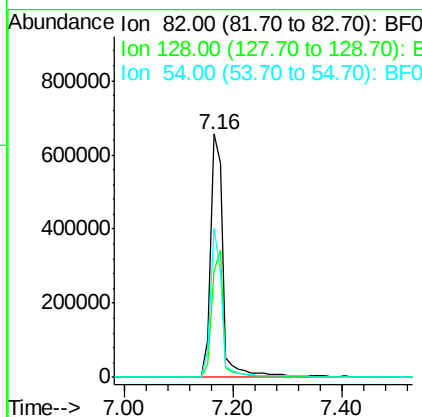
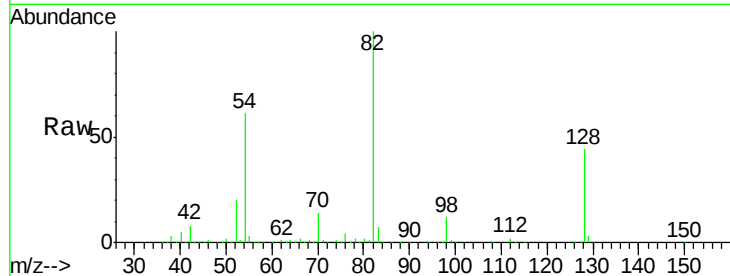




#23
 Nitrobenzene-d5
 Concen: 87.13 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF090045.D
 Acq: 9 Sep 2016 1:02

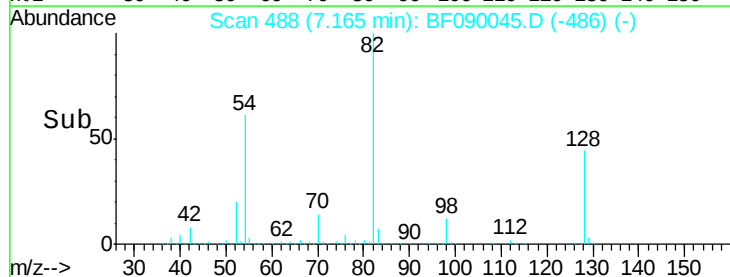
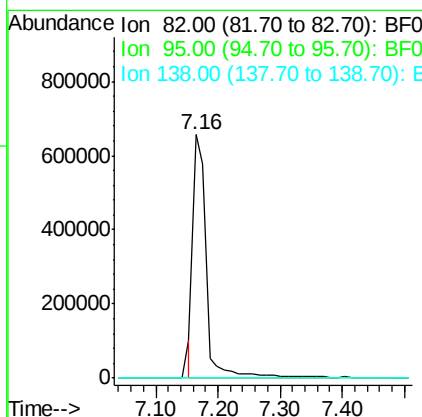
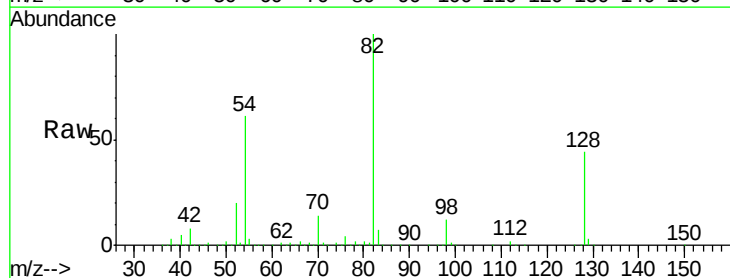
Instrument :
 BNA_F
 ClientSampleId :
 SS-UST16

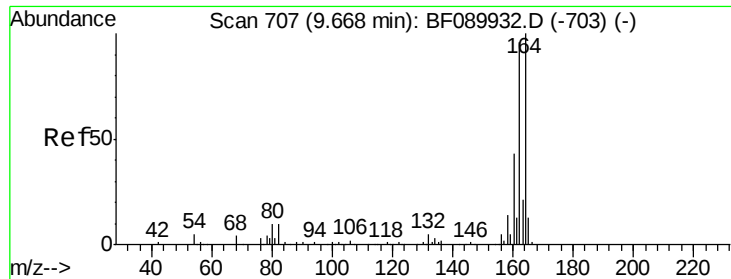
Tgt Ion: 82 Resp: 1065757
 Ion Ratio Lower Upper
 82 100
 128 43.7 37.8 56.8
 54 61.1 46.9 70.3



#25
 Isophorone
 Concen: 38.42 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.27 min
 Lab File: BF090045.D
 Acq: 9 Sep 2016 1:02

Tgt Ion: 82 Resp: 955706
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 14.4 21.6#

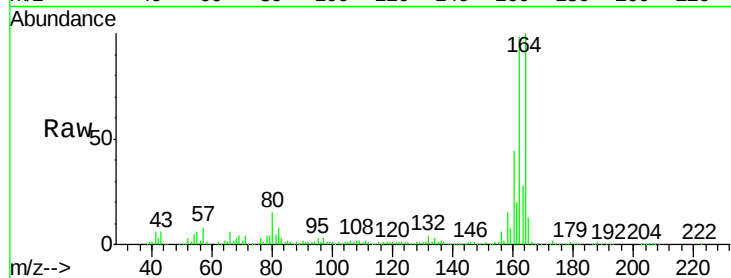




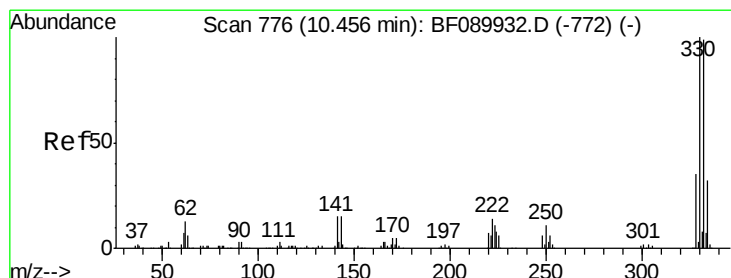
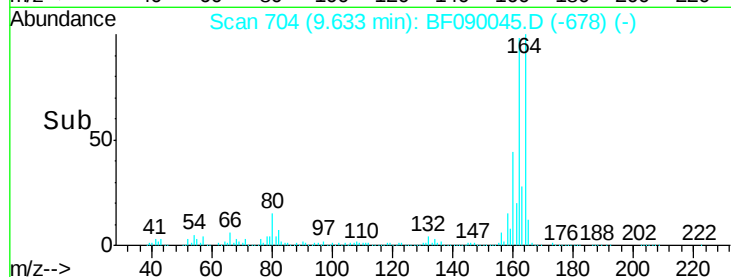
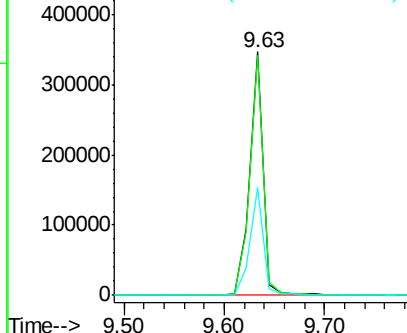
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF090045.D
 Acq: 9 Sep 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 SS-UST16

Tgt Ion:164 Resp: 320529
 Ion Ratio Lower Upper
 164 100
 162 98.5 77.1 115.7
 160 44.3 35.3 52.9

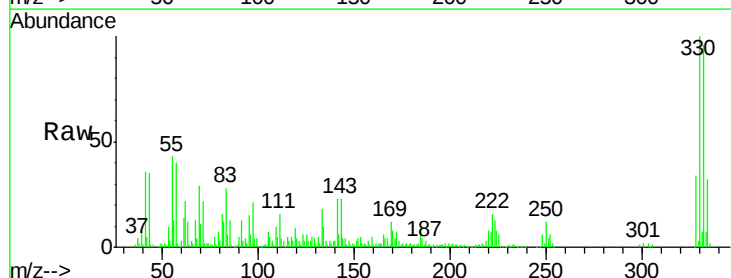


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

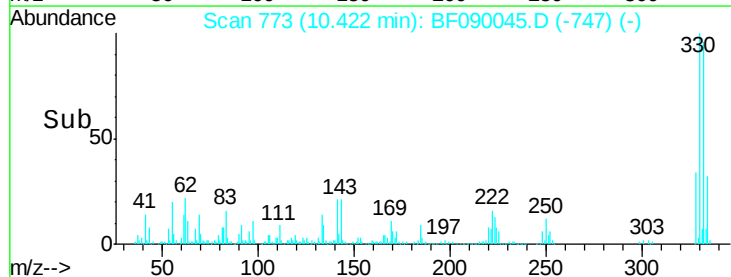
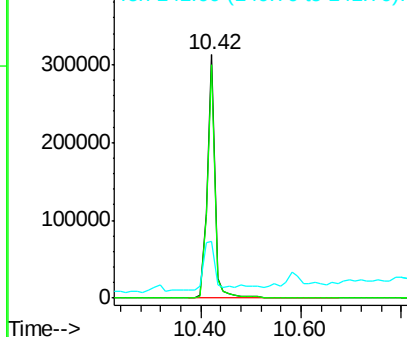


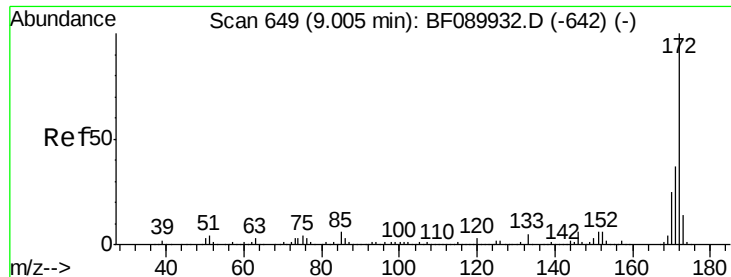
#41
 2,4,6-Tribromophenol
 Concen: 104.98 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF090045.D
 Acq: 9 Sep 2016 1:02

Tgt Ion:330 Resp: 331984
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.6 117.8
 141 29.8 23.3 34.9



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

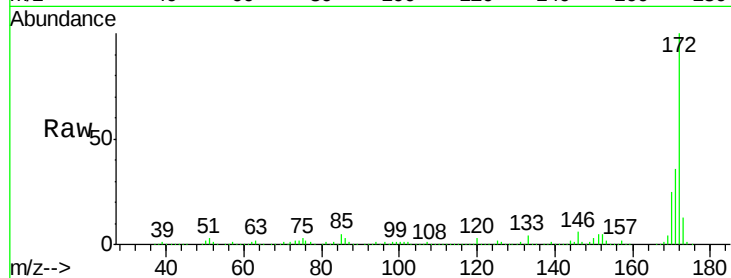




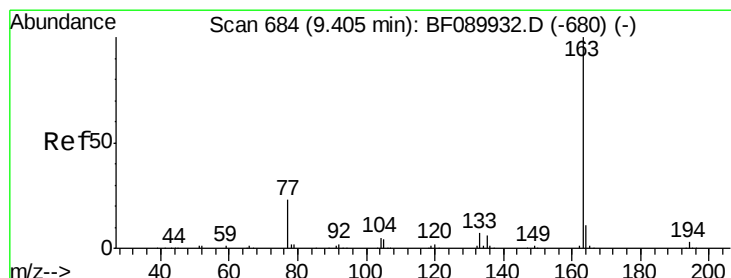
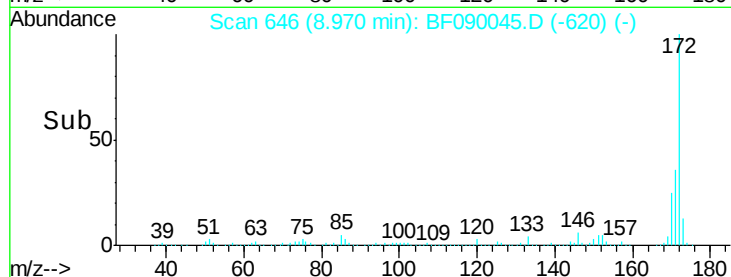
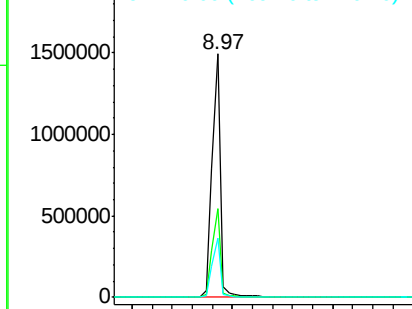
#44
2-Fluorobiphenyl
Concen: 89.06 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090045.D
Acq: 9 Sep 2016 1:02

Instrument :
BNA_F
ClientSampleId :
SS-UST16

Tgt Ion:172 Resp: 1738983
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.2
170 24.6 20.1 30.1

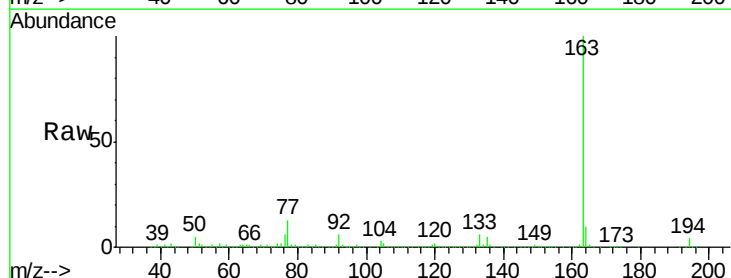


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

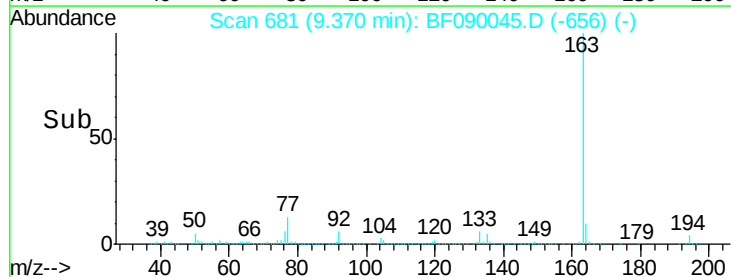
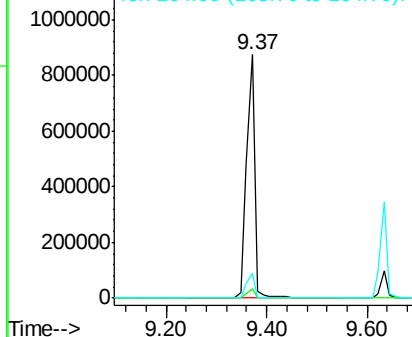


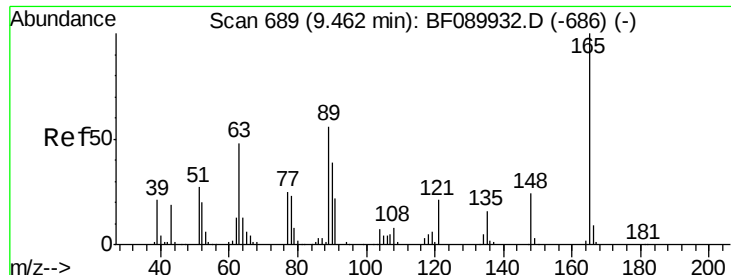
#49
Dimethylphthalate
Concen: 43.13 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090045.D
Acq: 9 Sep 2016 1:02

Tgt Ion:163 Resp: 999099
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.2 9.0 13.4



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

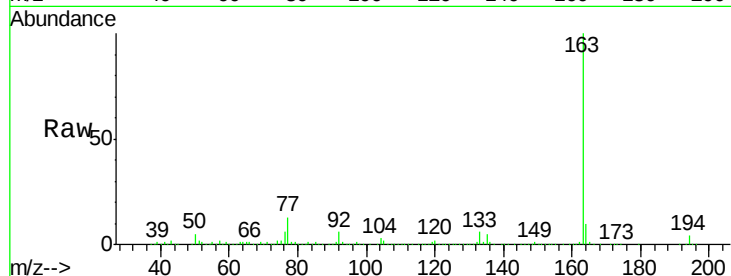




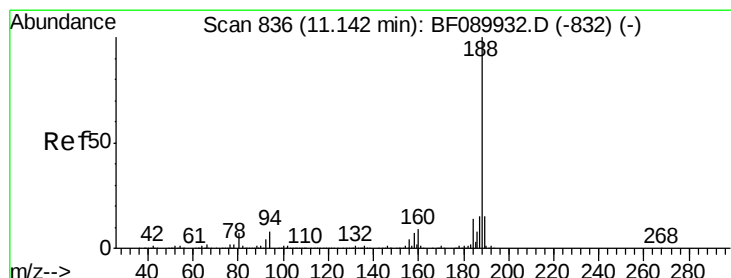
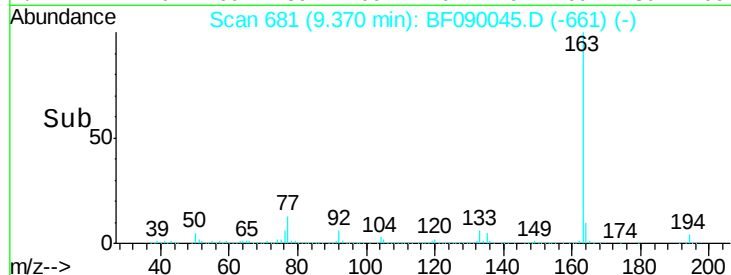
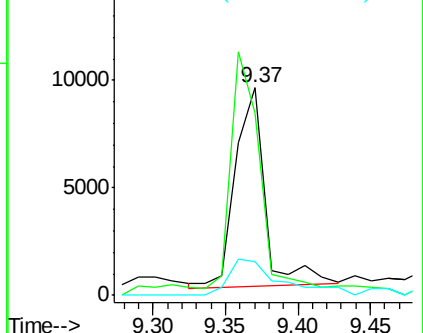
#50
 2,6-Dinitrotoluene
 Concen: 2.60 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.07 min
 Lab File: BF090045.D
 Acq: 9 Sep 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 SS-UST16

Tgt Ion:165 Resp: 13377
 Ion Ratio Lower Upper
 165 100
 63 88.0 45.0 67.4#
 89 16.4 41.5 62.3#

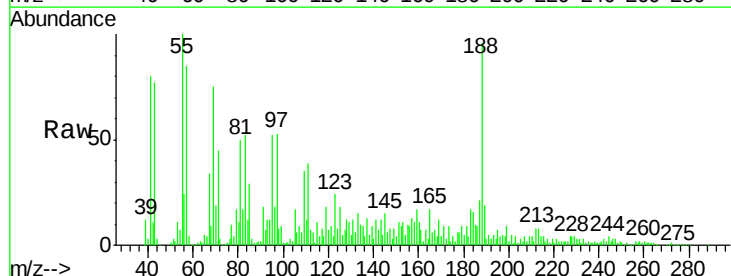


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF090045.D
 Acq: 9 Sep 2016 1:02

Tgt Ion:188 Resp: 351283
 Ion Ratio Lower Upper
 188 100
 94 12.2 5.9 8.9#
 80 11.7 5.8 8.8#



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

