

Data File : BF093049.D
Acq On : 21 Feb 2017 00:50
Operator : SJ/MA
Sample : I1913-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-EFGH-COMP

Quant Time: Feb 21 02:30:16 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	6.84	152	158391	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	600700	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	291287	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	502663	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	368258	20.00	ng	-0.01
86) Perylene-d12	15.44	264	282507	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	998377	108.14	ng	-0.01
7) Phenol-d6	6.49	99	1386189	116.69	ng	0.00
23) Nitrobenzene-d5	7.41	82	768420	71.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	268431	127.41	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1434623	89.23	ng	0.00
78) Terphenyl-d14	12.96	244	1097215	70.01	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	33430	2.41	ng	# 66
19) n-Nitroso-di-n-propylamine	7.41	70	101984	13.49	ng	# 83
25) Isophorone	7.41	82	607992	30.25	ng	# 65
32) Benzoic acid	7.98	122	342	7.22	ng	# 29
49) Dimethylphthalate	9.61	163	429386	21.89	ng	98
56) 2,4-Dinitrotoluene	9.89	165	36882	6.54	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.68	198	731	2.89	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	20274	3.86	ng	# 1
74) Fluoranthene	12.58	202	82343	2.77	ng	98
77) Pyrene	12.81	202	76145	2.76	ng	99

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

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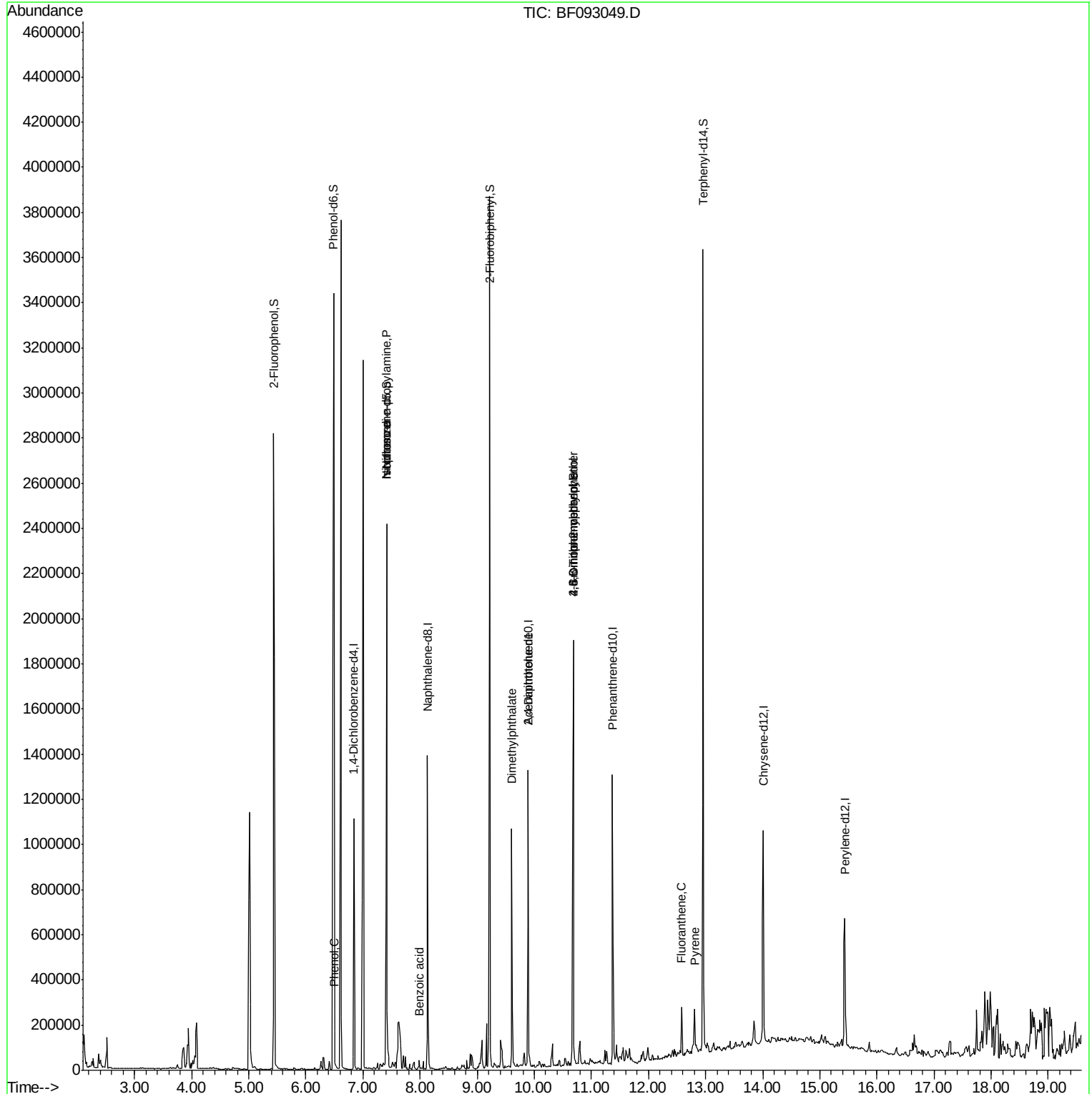
Quant Time: Feb 21 02:30:16 2017

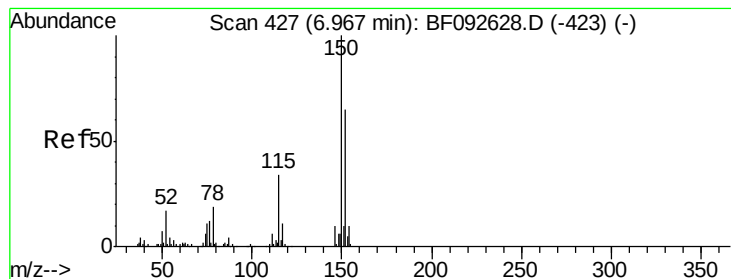
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SP-EFGH-COMP

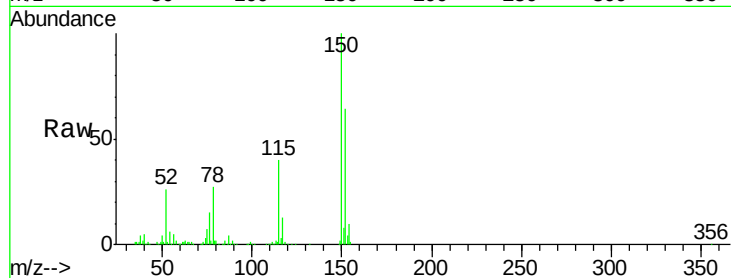
Tgt Ion:152 Resp: 158391

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

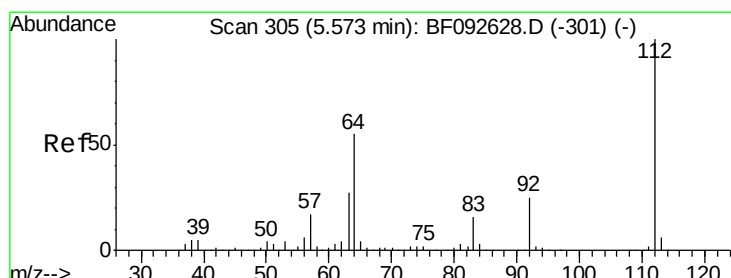
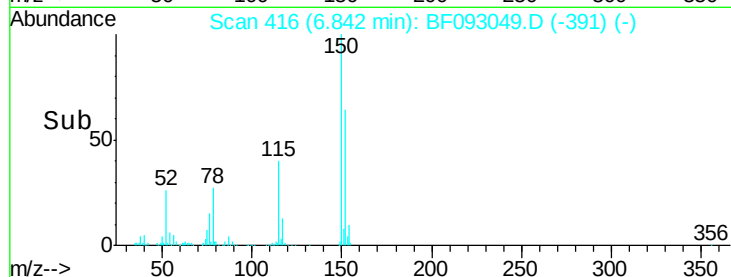
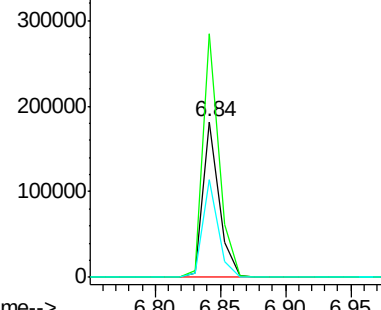
115 63.2 46.0 69.0



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: 108.14 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

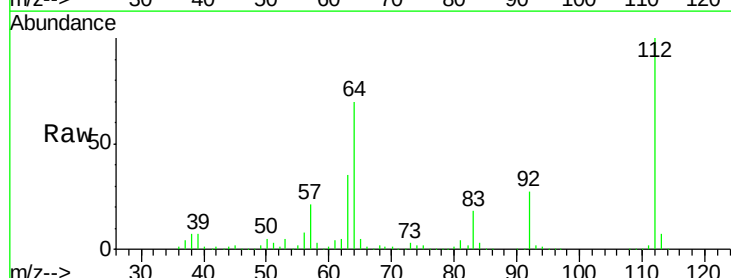
Tgt Ion:112 Resp: 998377

Ion Ratio Lower Upper

112 100

64 70.3 46.1 69.1#

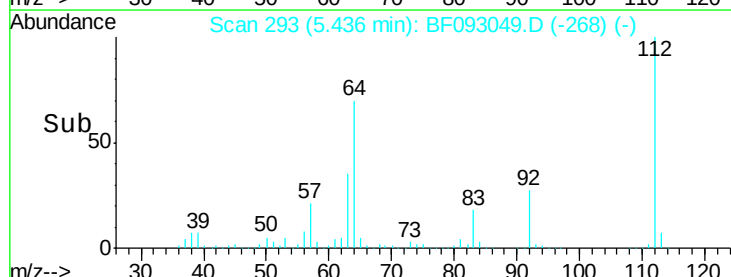
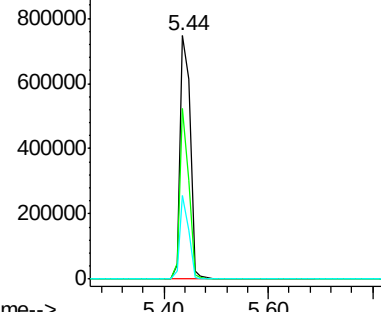
63 34.6 23.8 35.6

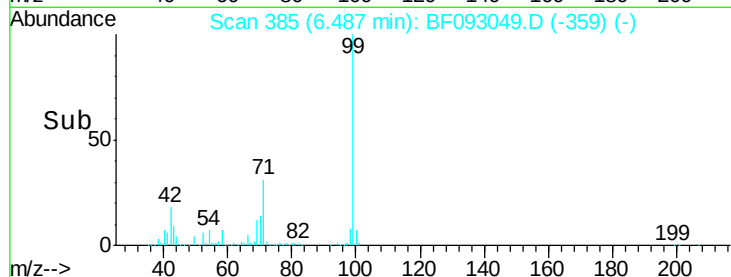
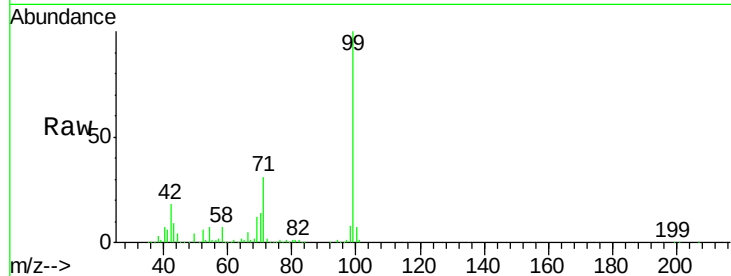
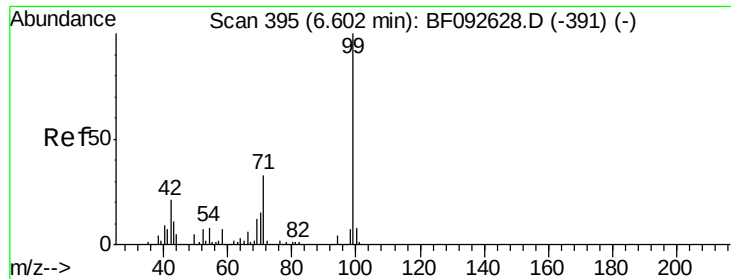


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.69 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SP-EFGH-COMP

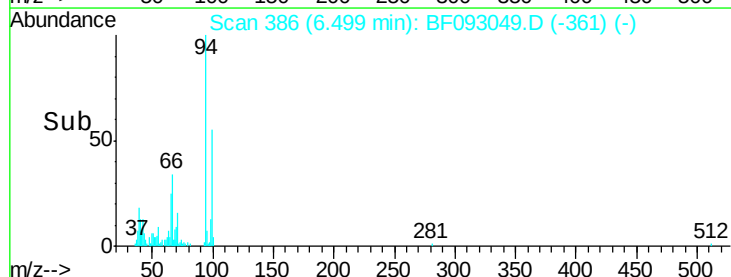
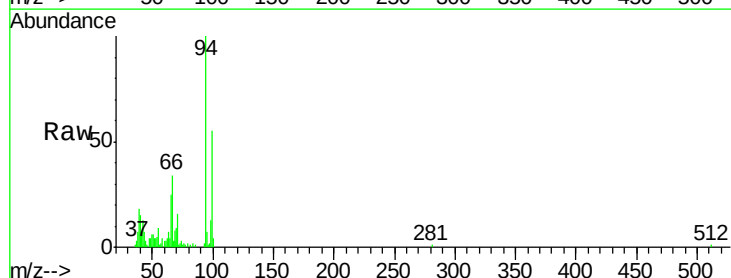
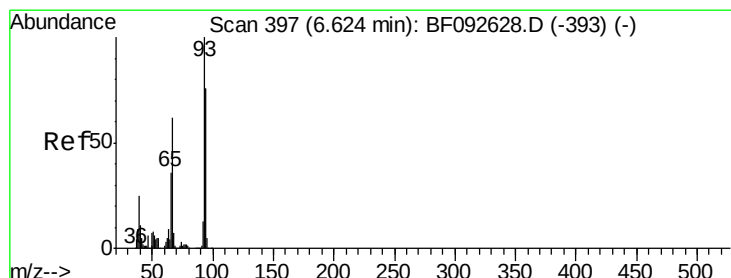
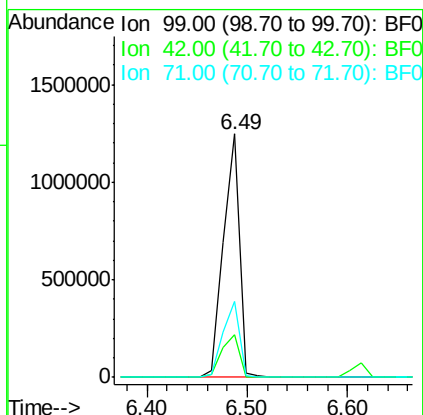
Tgt Ion: 99 Resp: 1386189

Ion Ratio Lower Upper

99 100

42 17.7 15.6 23.4

71 31.2 27.5 41.3



#10

Phenol

Concen: 2.41 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

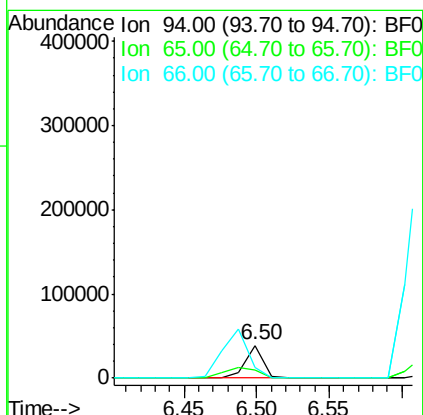
Tgt Ion: 94 Resp: 33430

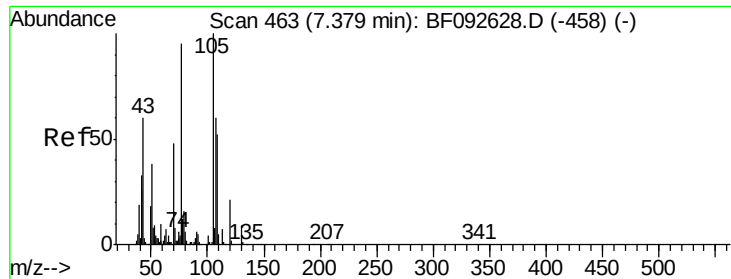
Ion Ratio Lower Upper

94 100

65 24.8 21.4 61.4

66 33.7 44.0 84.0#

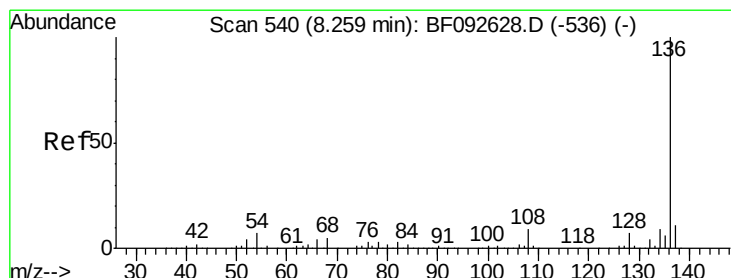
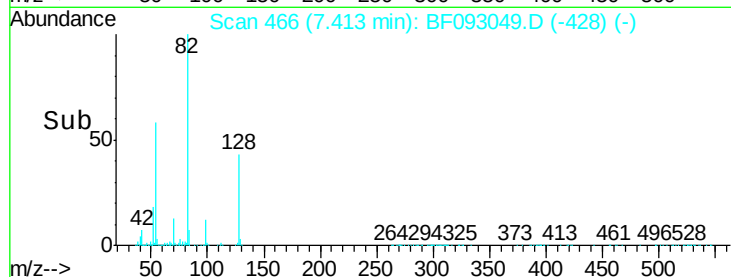
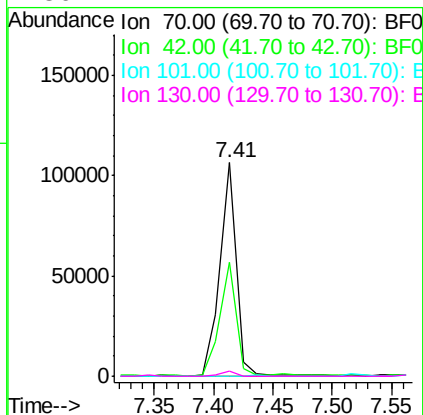
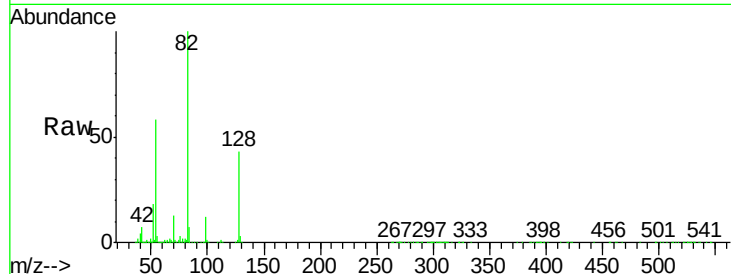




#19
n-Nitroso-di-n-propylamine
Concen: 13.49 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093049.D
Acq: 21 Feb 2017 00:50

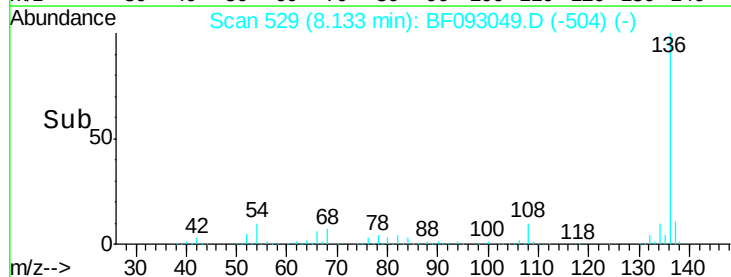
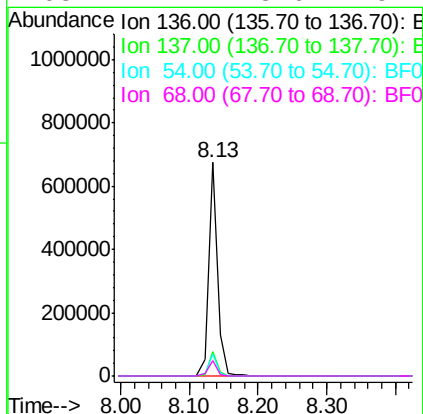
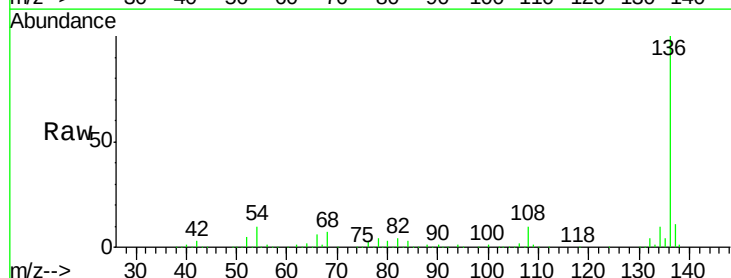
Instrument :
BNA_F
ClientSampleId :
SP-EFGH-COMP

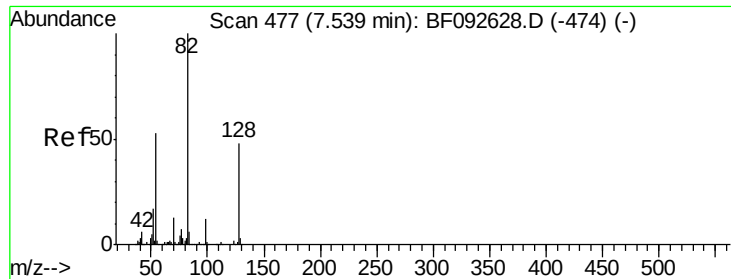
Tgt Ion: 70 Resp: 101984
Ion Ratio Lower Upper
70 100
42 53.5 49.4 74.0
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093049.D
Acq: 21 Feb 2017 00:50

Tgt Ion: 136 Resp: 600700
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 10.5 4.5 6.7#
68 7.1 3.6 5.4#

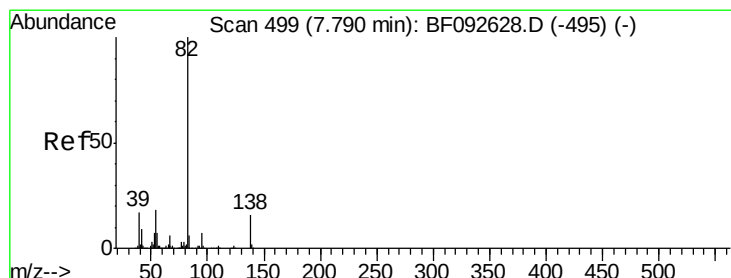
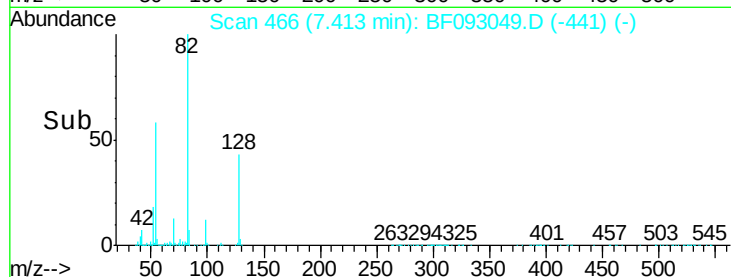
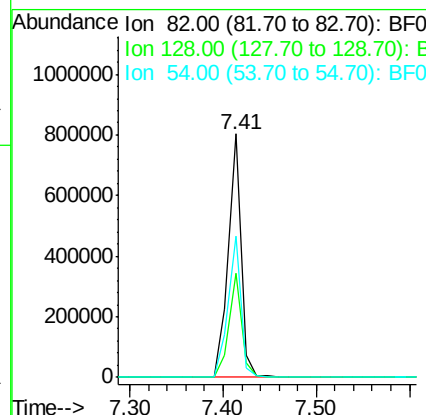
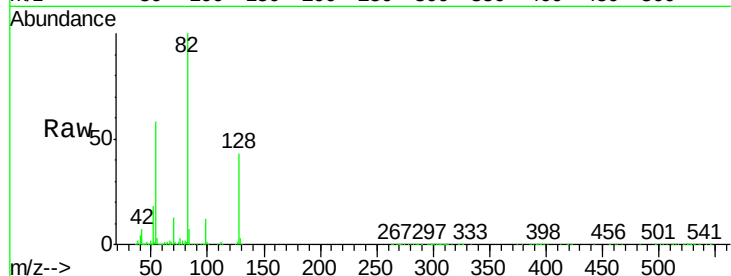




#23
 Nitrobenzene-d5
 Concen: 71.24 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093049.D
 Acq: 21 Feb 2017 00:50

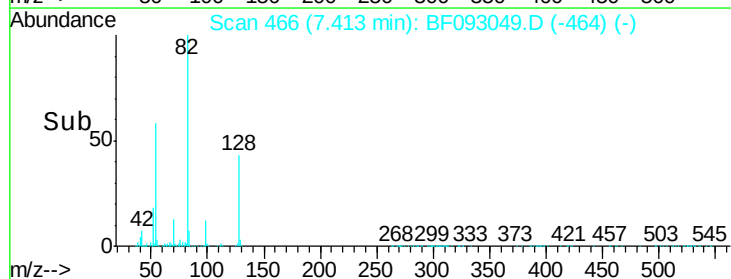
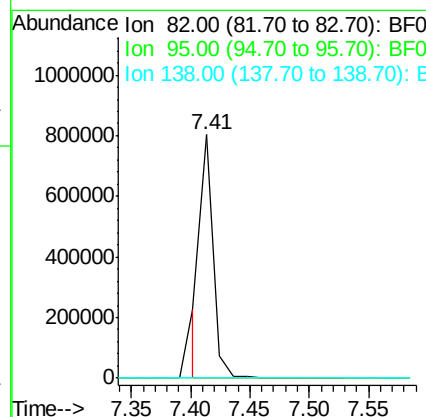
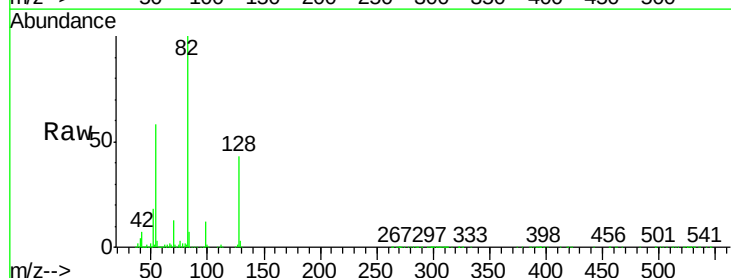
Instrument :
 BNA_F
 ClientSampleId :
 SP-EFGH-COMP

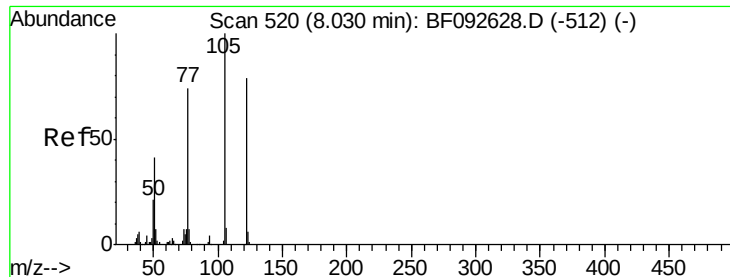
Tgt Ion: 82 Resp: 768420
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 52.0
 54 57.9 39.5 59.3



#25
 Isophorone
 Concen: 30.25 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.27 min
 Lab File: BF093049.D
 Acq: 21 Feb 2017 00:50

Tgt Ion: 82 Resp: 607992
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#32

Benzoic acid

Concen: 7.22 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.06 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

Instrument :

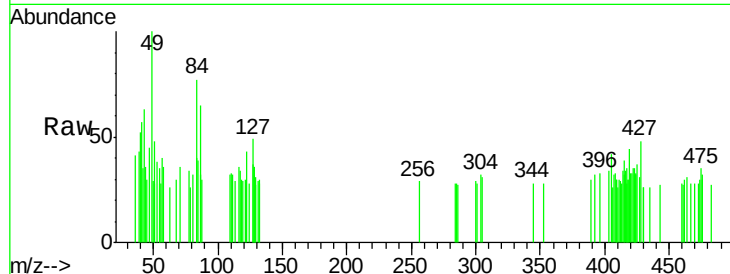
BNA_F

ClientSampleId :

SP-EFGH-COMP

Tgt Ion:122 Resp: 342

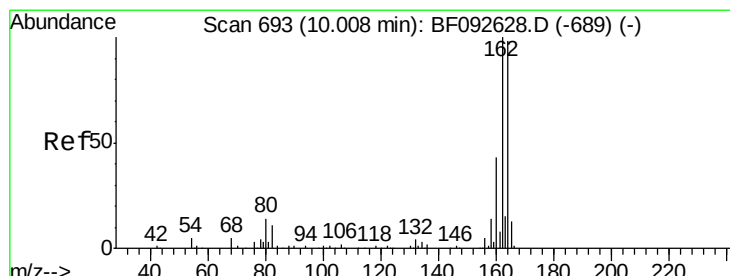
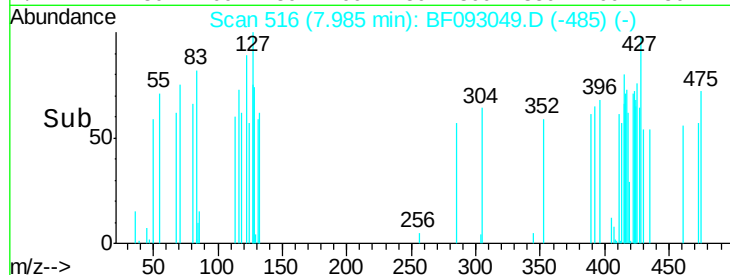
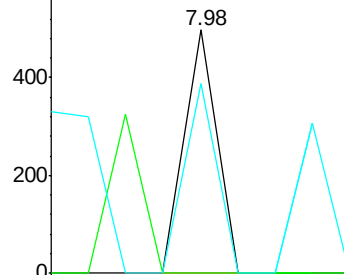
Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	77.9	74.5	114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

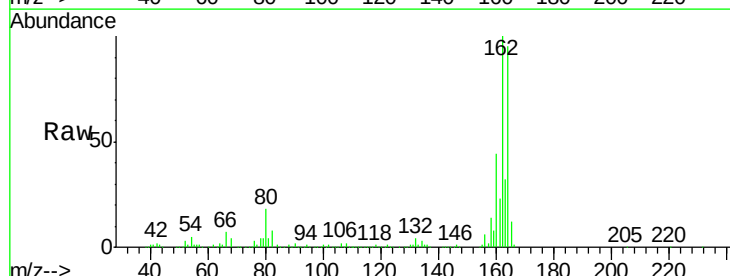
Delta R.T. 0.00 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

Tgt Ion:164 Resp: 291287

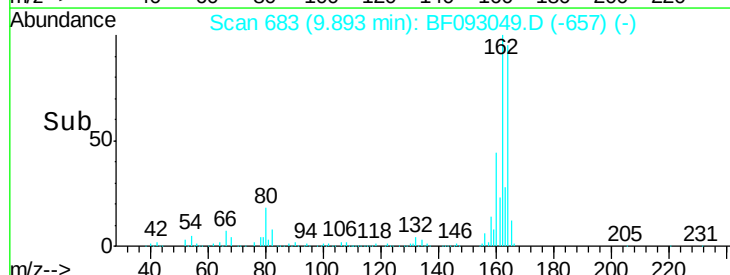
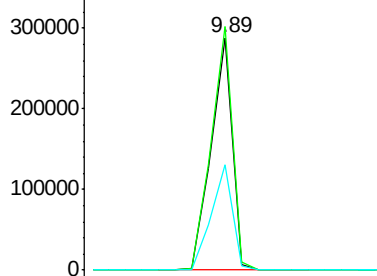
Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.2	120.2
160	45.6	36.9	55.3

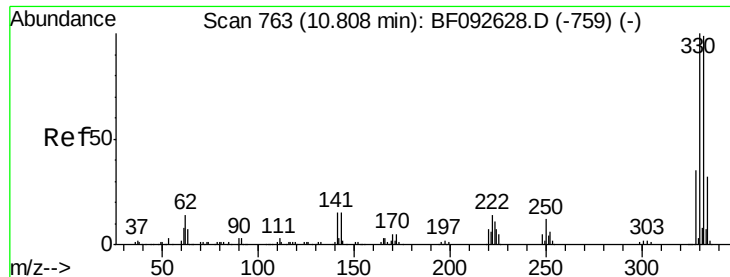


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

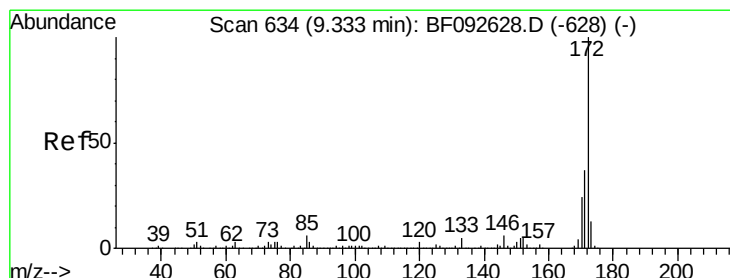
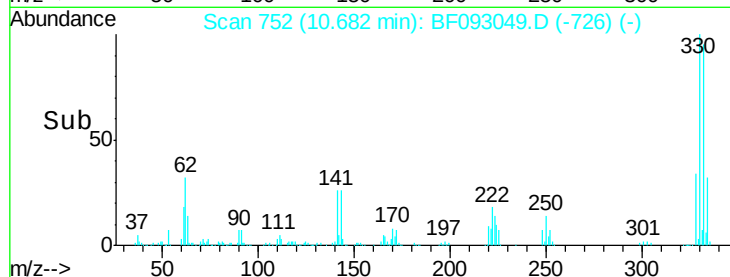
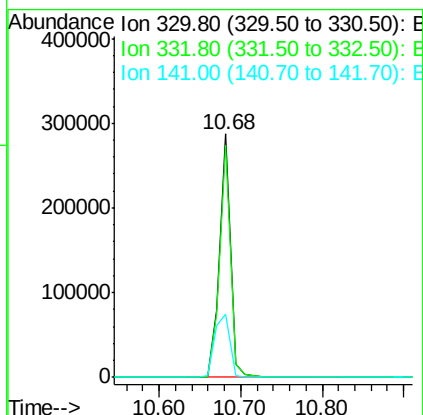
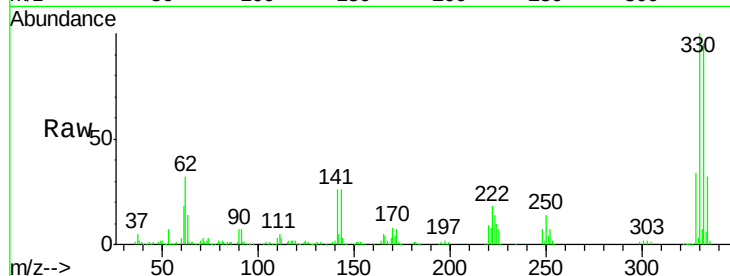




#41
 2,4,6-Tribromophenol
 Concen: 127.41 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093049.D
 Acq: 21 Feb 2017 00:50

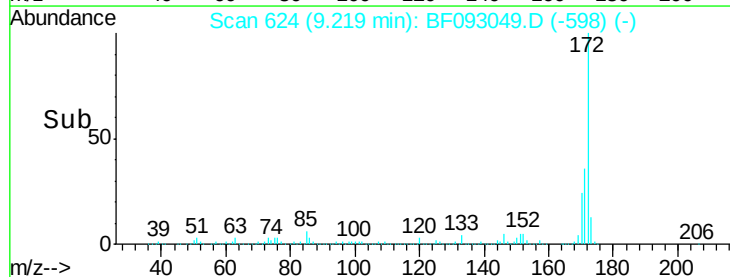
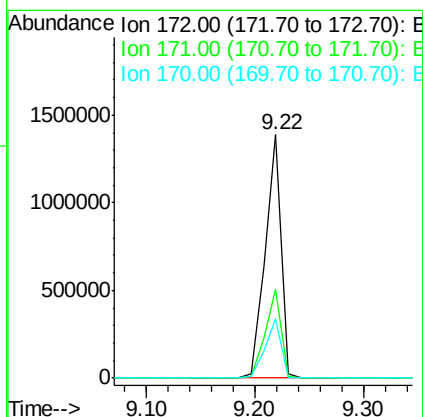
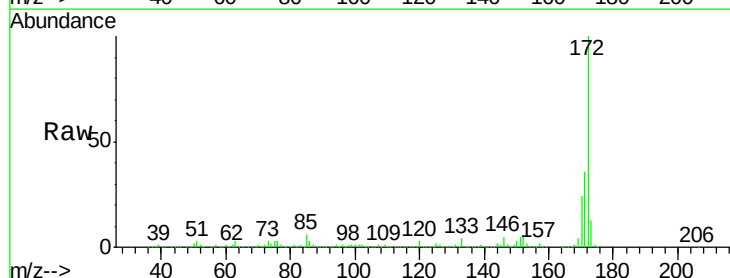
Instrument :
 BNA_F
 ClientSampleId :
 SP-EFGH-COMP

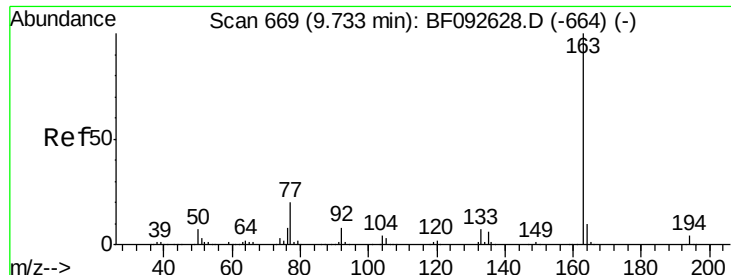
Tgt Ion:330 Resp: 268431
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 36.9 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 89.23 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093049.D
 Acq: 21 Feb 2017 00:50

Tgt Ion:172 Resp: 1434623
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.3 20.2 30.4





#49

Dimethylphthalate

Concen: 21.89 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SP-EFGH-COMP

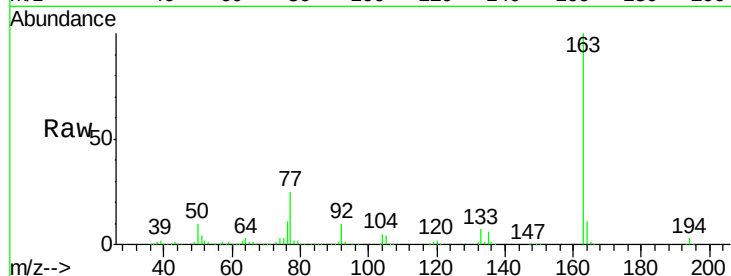
Tgt Ion:163 Resp: 429386

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

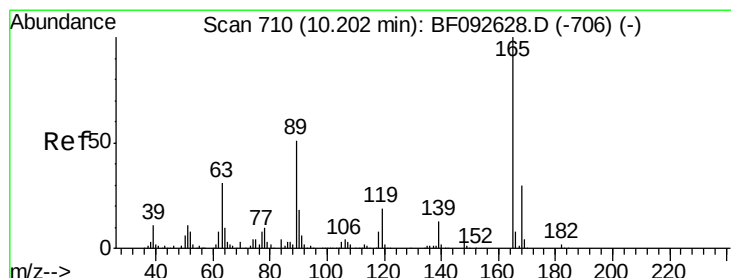
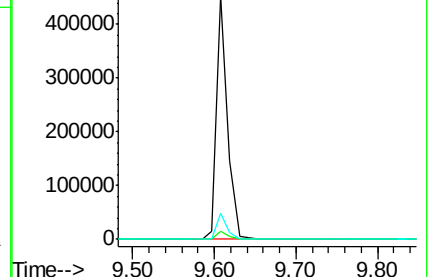
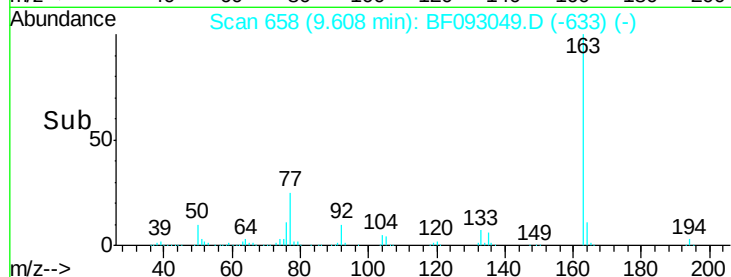
164 10.7 8.0 12.0



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: 6.54 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.19 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

Tgt Ion:165 Resp: 36882

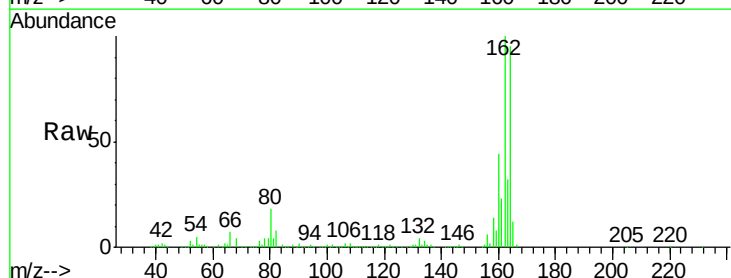
Ion Ratio Lower Upper

165 100

63 1.5 40.2 60.4#

89 1.8 62.5 93.7#

182 0.0 1.8 2.8#

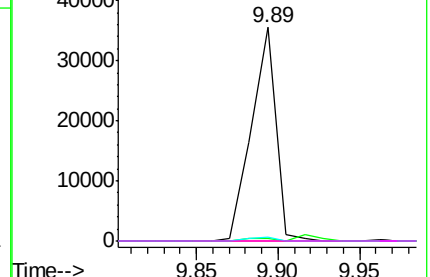
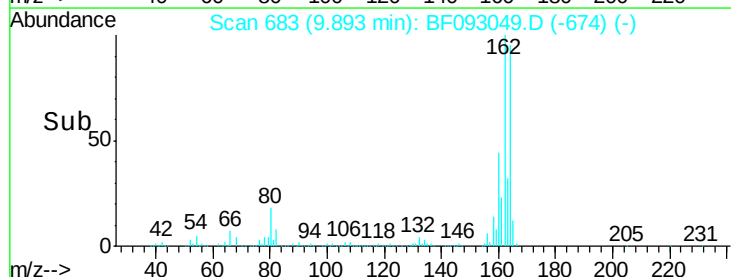


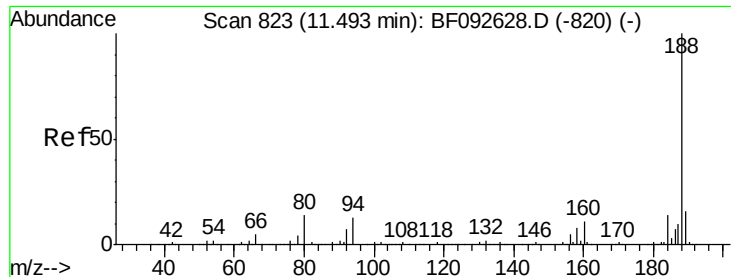
Abundance Ion 165.00 (164.70 to 165.70): E

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

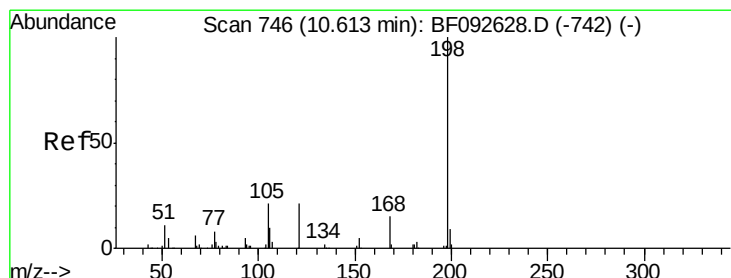
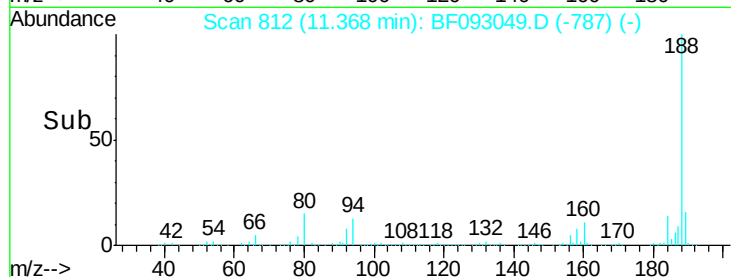
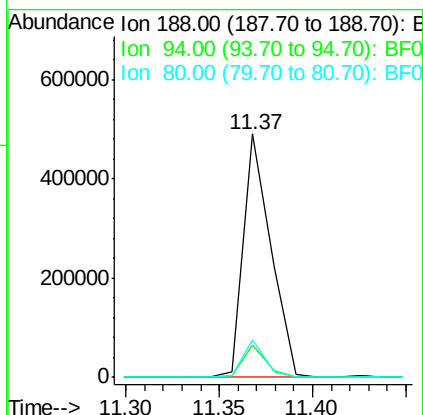
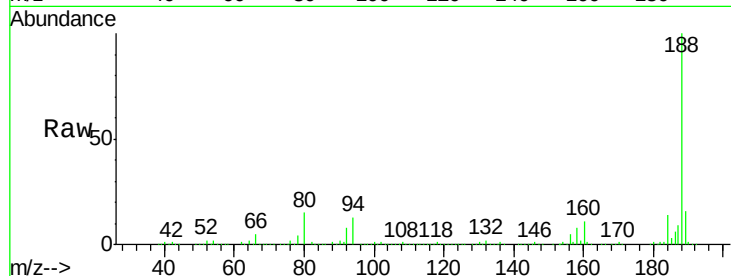




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF093049.D
 Acq: 21 Feb 2017 00:50

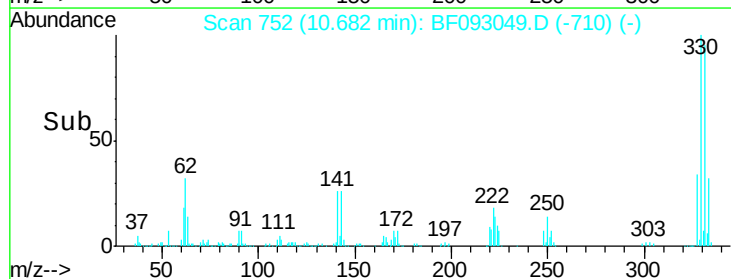
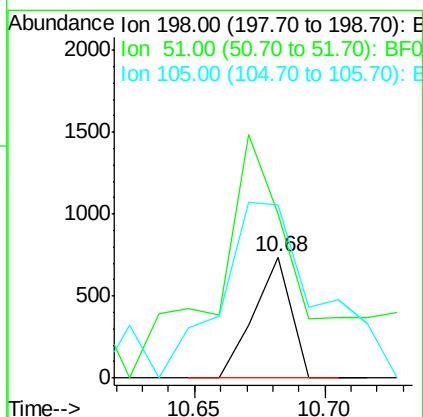
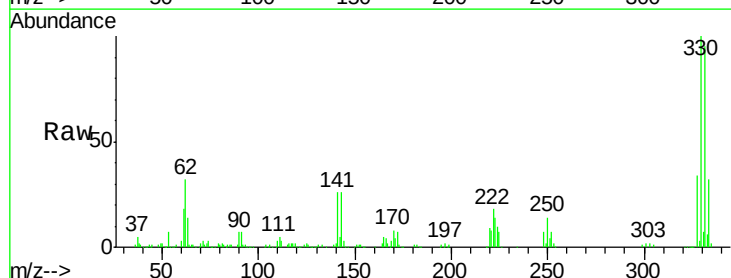
Instrument :
 BNA_F
 ClientSampleId :
 SP-EFGH-COMP

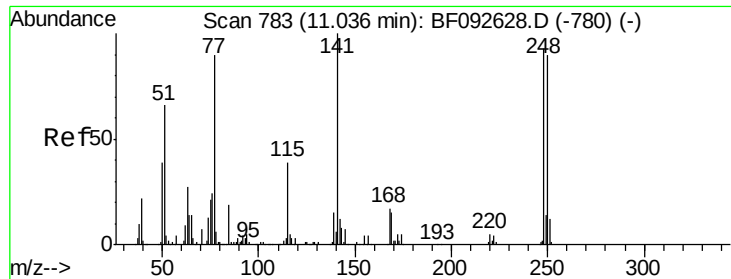
Tgt Ion:188 Resp: 502663
 Ion Ratio Lower Upper
 188 100
 94 13.3 10.0 15.0
 80 15.3 11.2 16.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.89 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.18 min
 Lab File: BF093049.D
 Acq: 21 Feb 2017 00:50

Tgt Ion:198 Resp: 731
 Ion Ratio Lower Upper
 198 100
 51 135.1 6.7 46.7#
 105 142.7 16.6 56.6#

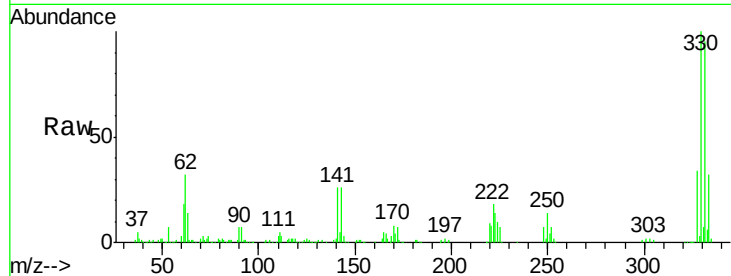




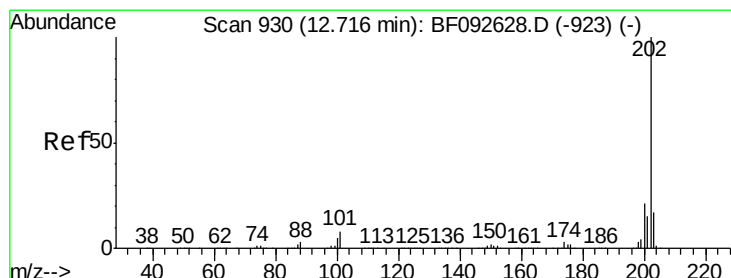
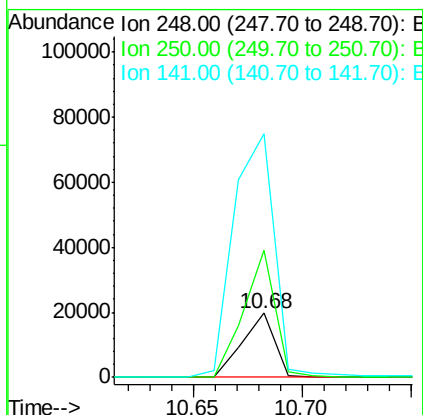
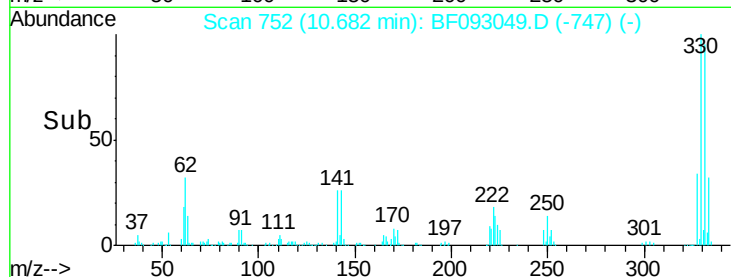
#66
 4-Bromophenyl-phenylether
 Concen: 3.86 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF093049.D
 Acq: 21 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 SP-EFGH-COMP

Tgt Ion:248 Resp: 20274
 Ion Ratio Lower Upper
 248 100
 250 198.5 76.9 115.3#
 141 379.3 68.2 102.4#

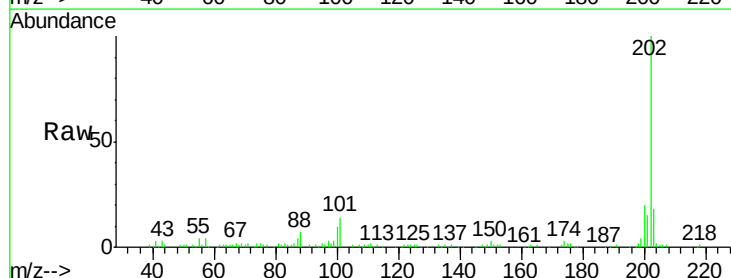


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

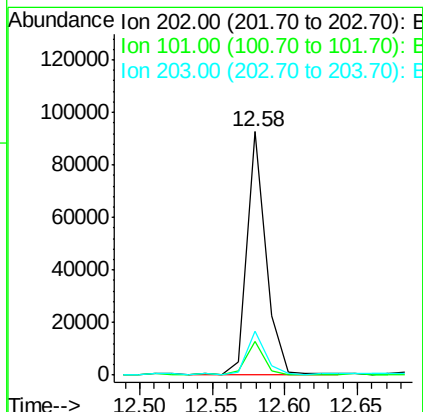
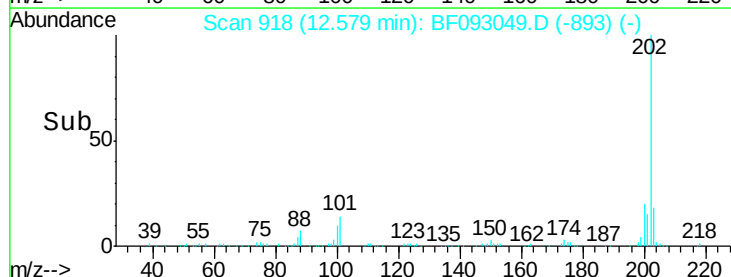


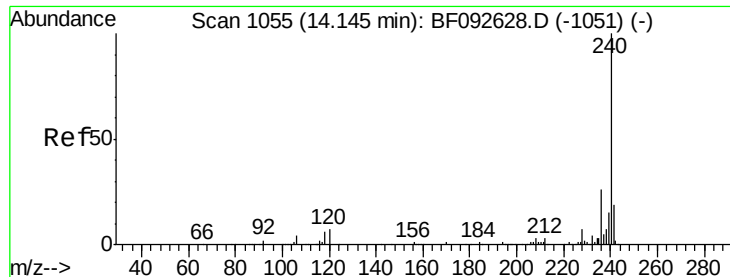
#74
 Fluoranthene
 Concen: 2.77 ng
 RT: 12.58 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF093049.D
 Acq: 21 Feb 2017 00:50

Tgt Ion:202 Resp: 82343
 Ion Ratio Lower Upper
 202 100
 101 14.1 0.0 34.6
 203 17.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

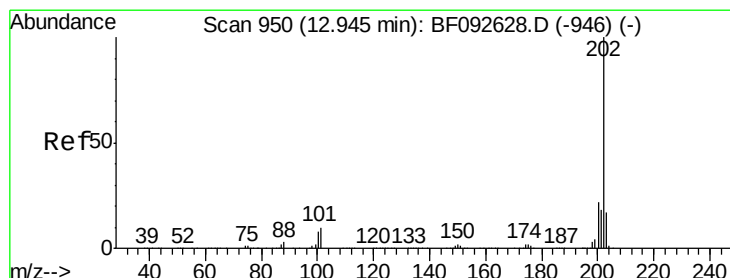
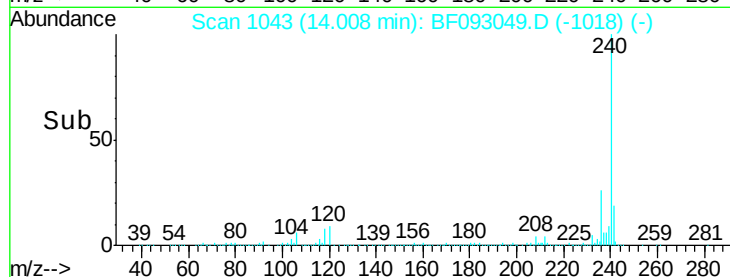
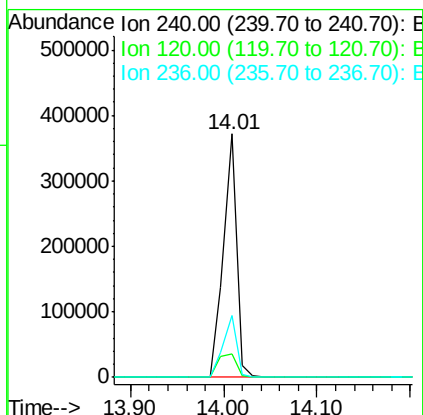
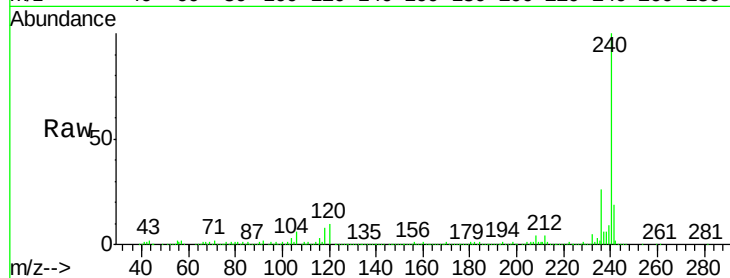




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093049.D
Acq: 21 Feb 2017 00:50

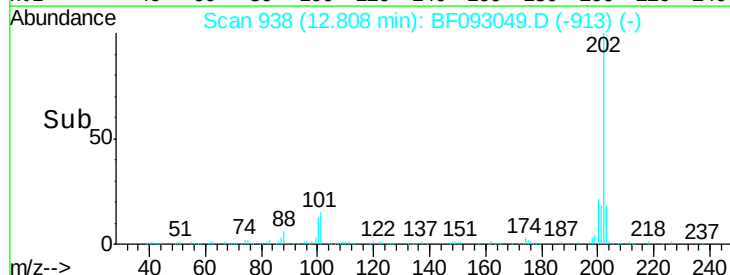
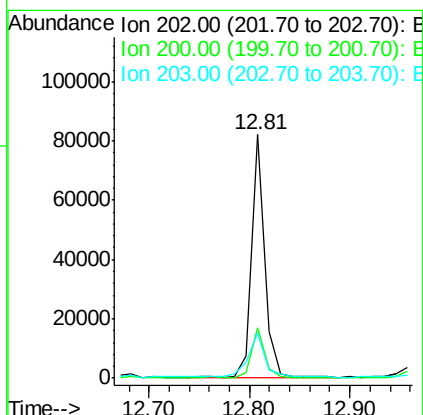
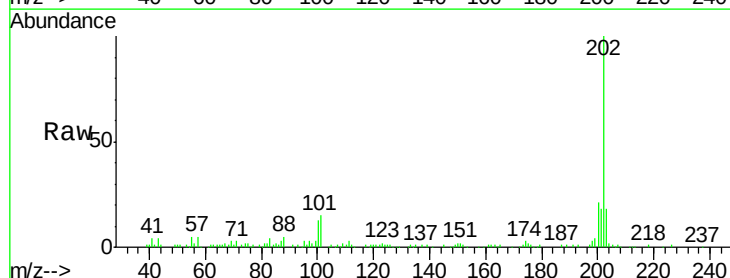
Instrument :
BNA_F
ClientSampleId :
SP-EFGH-COMP

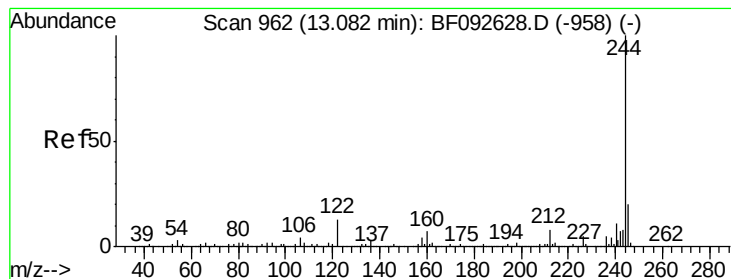
Tgt Ion:240 Resp: 368258
Ion Ratio Lower Upper
240 100
120 9.6 12.9 19.3#
236 25.5 20.9 31.3



#77
Pyrene
Concen: 2.76 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093049.D
Acq: 21 Feb 2017 00:50

Tgt Ion:202 Resp: 76145
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 18.4 14.7 22.1





#78

Terphenyl-d14

Concen: 70.01 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SP-EFGH-COMP

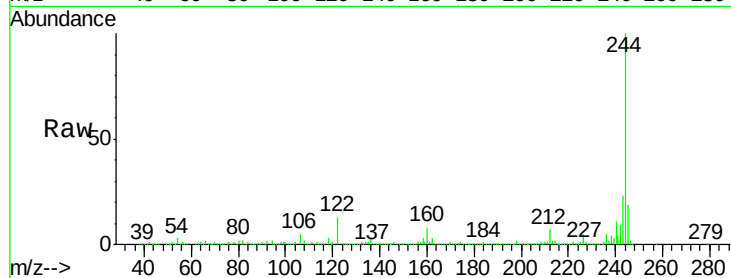
Tgt Ion:244 Resp: 1097215

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

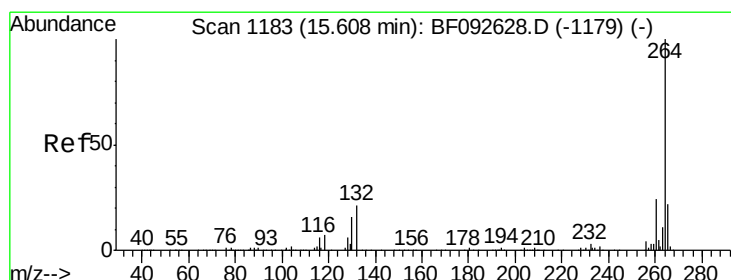
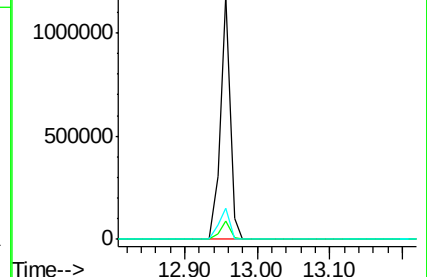
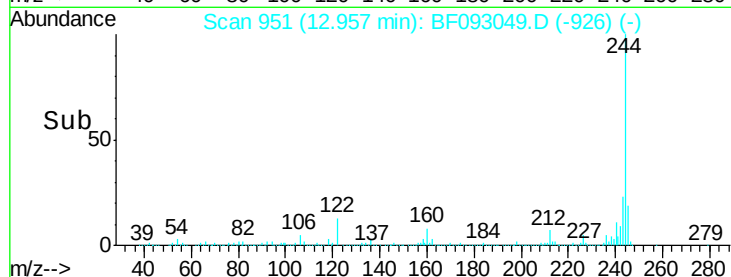
122 12.9 11.4 17.2



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: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

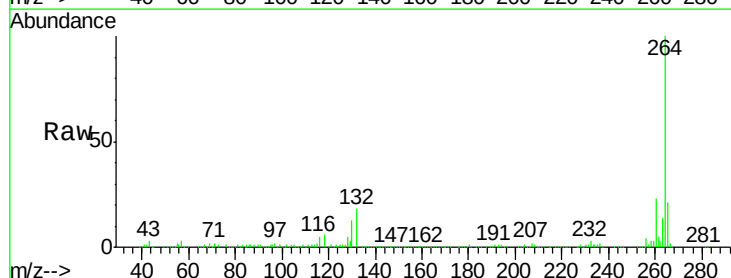
Tgt Ion:264 Resp: 282507

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.5 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

