

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092279.D
 Acq On : 14 Jan 2017 12:26
 Operator : UM/SJ
 Sample : I1162-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-49-COMP

Quant Time: Jan 16 03:18:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	226202	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	837680	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	407563	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	568972	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	451875	20.00	ng	-0.02
86) Perylene-d12	15.07	264	396905	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.17	112	1572203	116.05	ng	0.00
7) Phenol-d6	6.24	99	1985690	120.05	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1268530	84.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	329673	97.74	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1712739	86.30	ng	-0.01
78) Terphenyl-d14	12.67	244	1030859	55.33	ng	-0.02

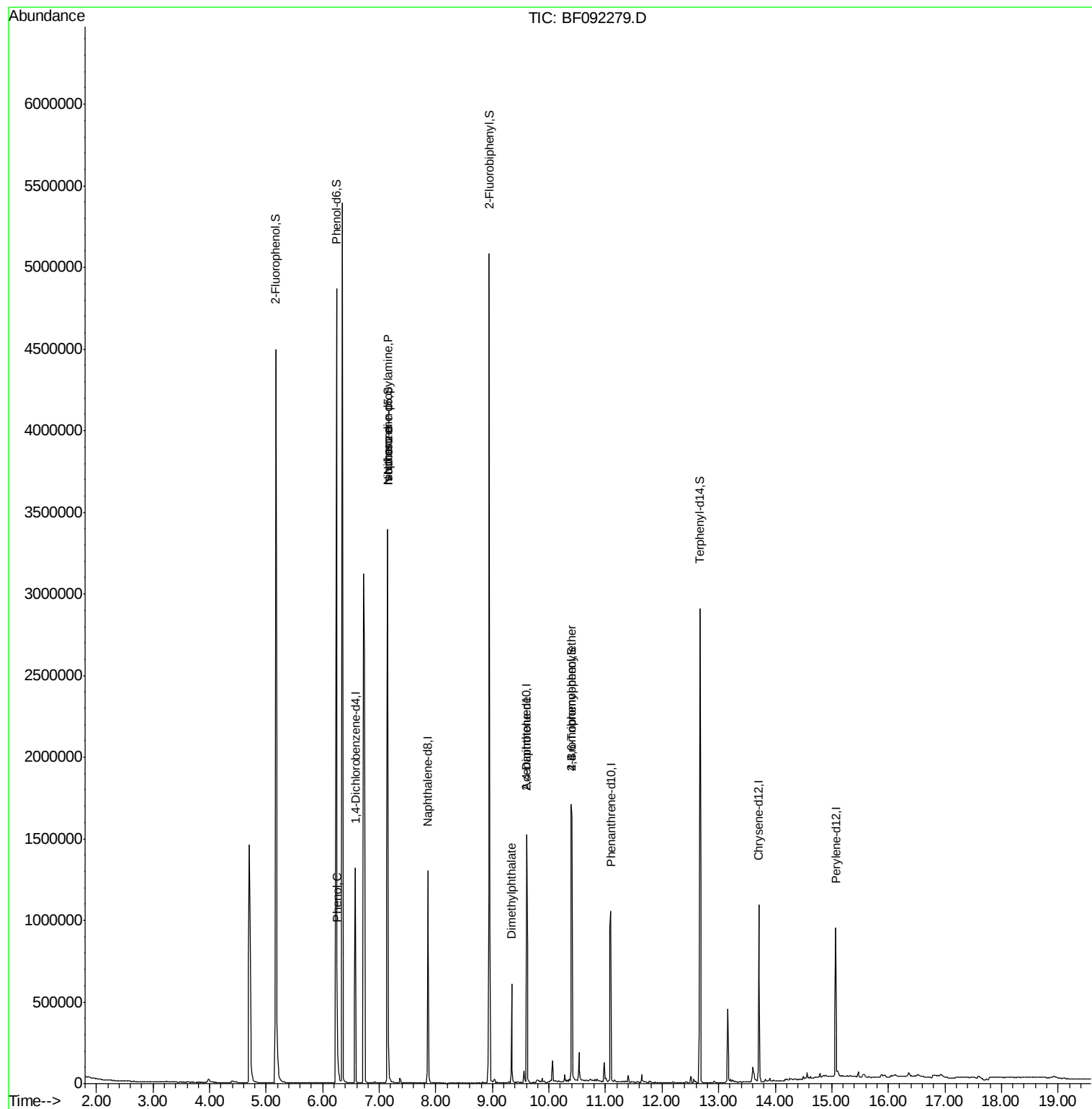
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.26	94	119494	6.34	ng	# 68
19) n-Nitroso-di-n-propylamine	7.15	70	167938	15.26	ng	# 75
25) Isophorone	7.15	82	1262203	45.41	ng	# 65
49) Dimethylphthalate	9.34	163	238676	9.16	ng	99
56) 2,4-Dinitrotoluene	9.60	165	52827	7.38	ng	# 20
66) 4-Bromophenyl-phenylether	10.40	248	20084	3.39	ng	# 1
71) Anthracene	11.11	178	1474	Below Cal		# 59
73) Di-n-butylphthalate	11.66	149	2163	Below Cal		# 76
74) Fluoranthene	12.29	202	2577	Below Cal		96

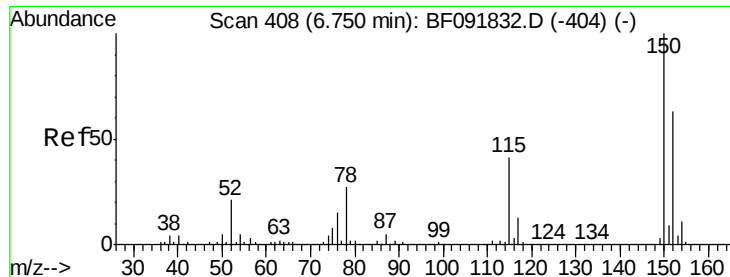
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092279.D
Acq On : 14 Jan 2017 12:26
Operator : UM/SJ
Sample : I1162-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-49-COMP

Quant Time: Jan 16 03:18:24 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092279.D

Acq: 14 Jan 2017 12:26

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

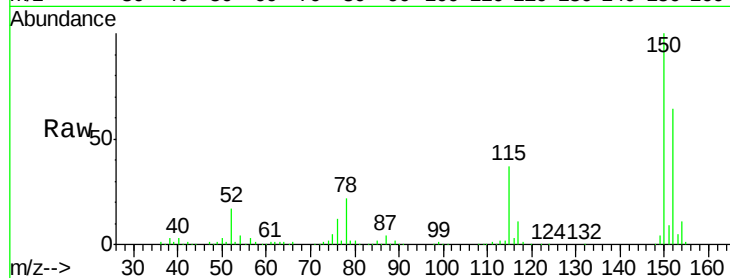
Tgt Ion:152 Resp: 226202

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

115 57.5 46.0 69.0

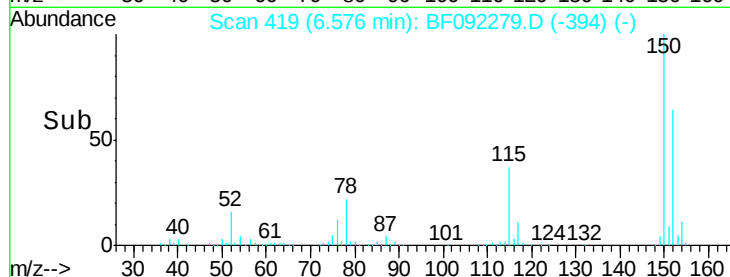


Abundance Ion 152.00 (151.70 to 152.70): E

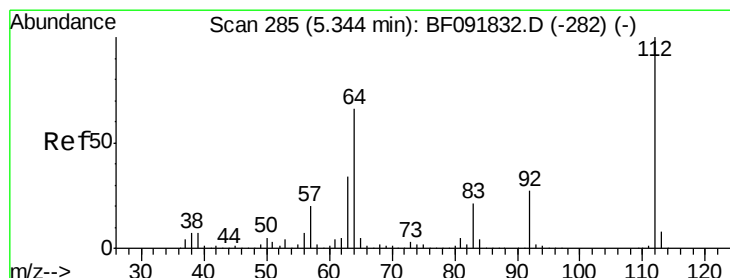
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



Time-->



#5

2-Fluorophenol

Concen: 116.05 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF092279.D

Acq: 14 Jan 2017 12:26

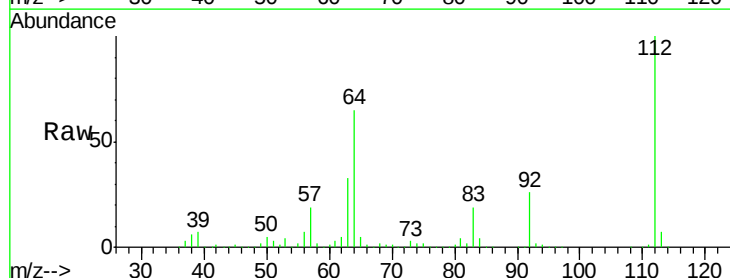
Tgt Ion:112 Resp: 1572203

Ion Ratio Lower Upper

112 100

64 64.7 46.1 69.1

63 32.5 23.8 35.6

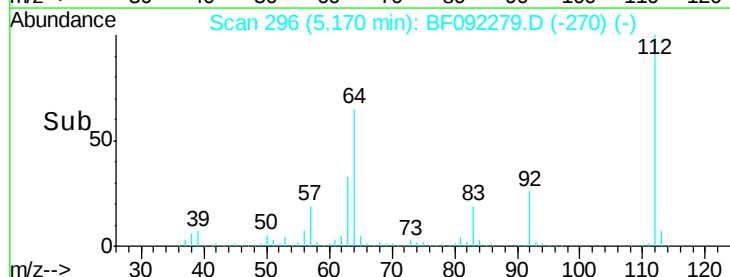


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 120.05 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092279.D

Acq: 14 Jan 2017 12:26

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

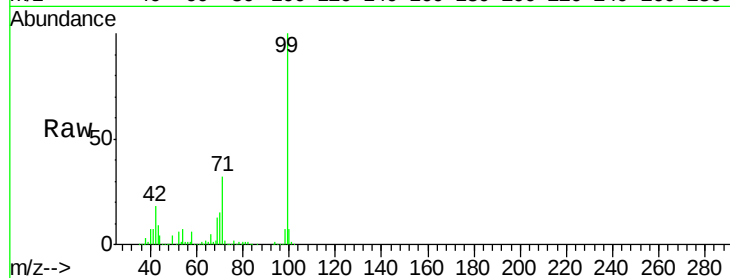
Tgt Ion: 99 Resp: 1985690

Ion Ratio Lower Upper

99 100

42 17.8 15.6 23.4

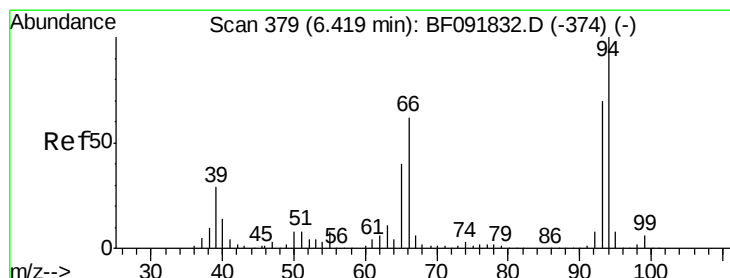
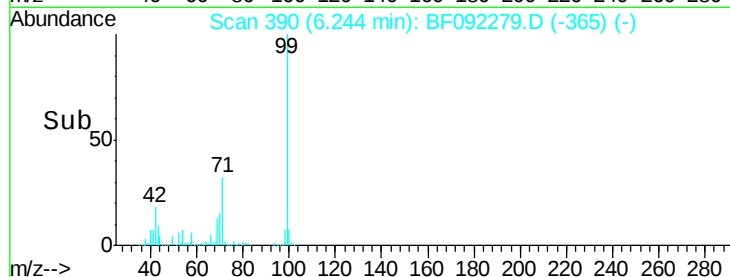
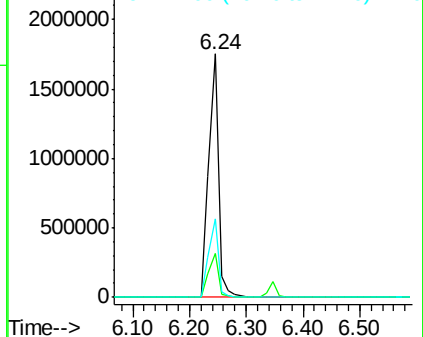
71 32.4 27.5 41.3



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: 6.34 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF092279.D

Acq: 14 Jan 2017 12:26

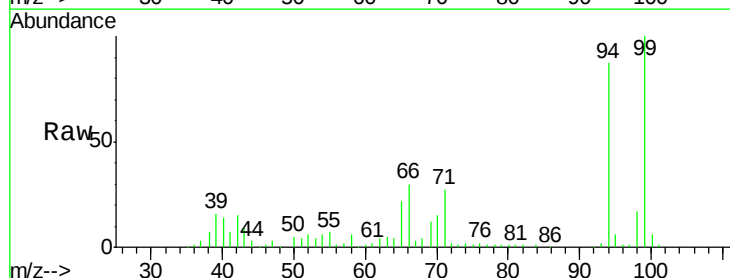
Tgt Ion: 94 Resp: 119494

Ion Ratio Lower Upper

94 100

65 25.6 21.4 61.4

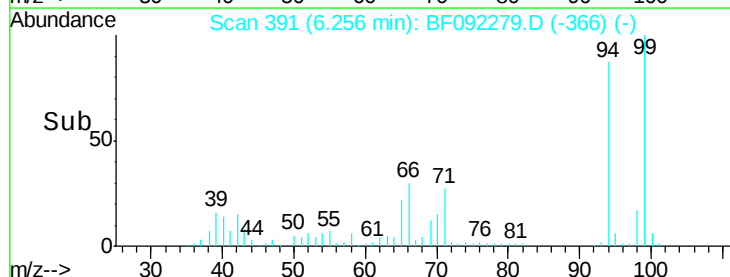
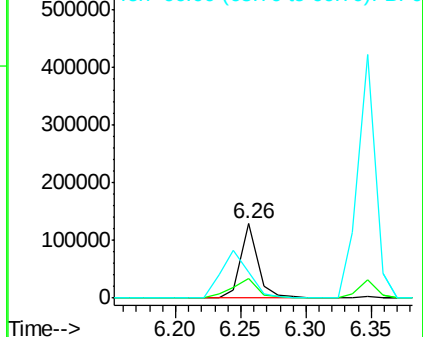
66 35.1 44.0 84.0#

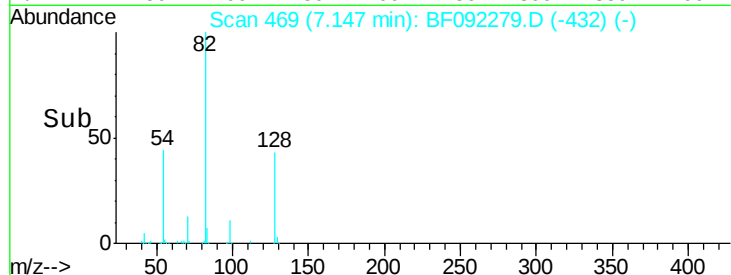
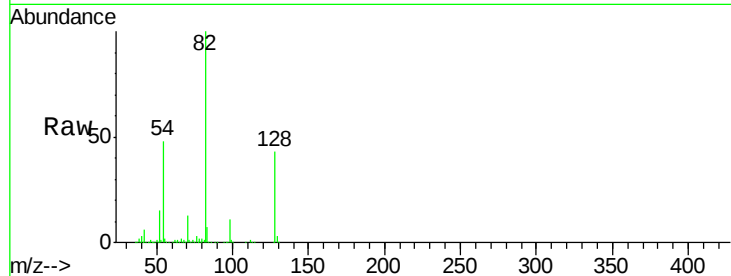


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

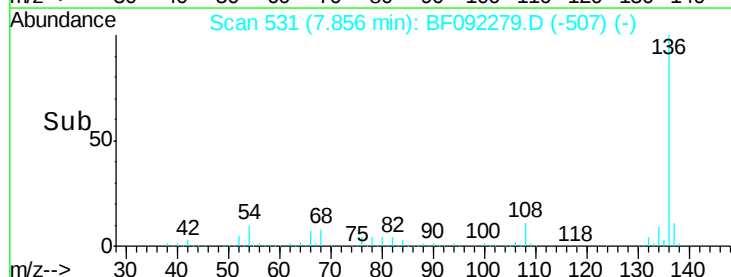
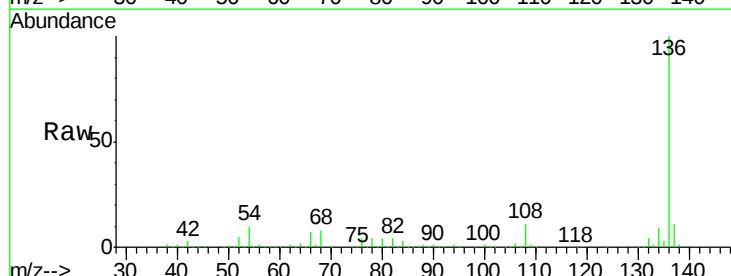
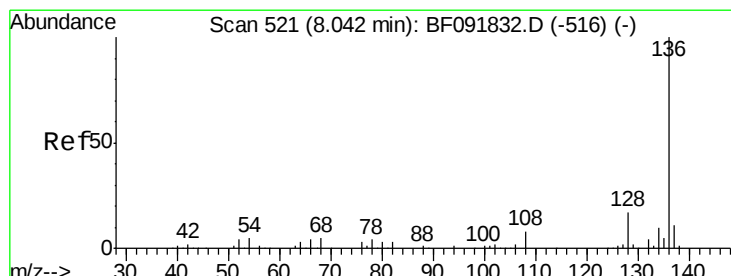
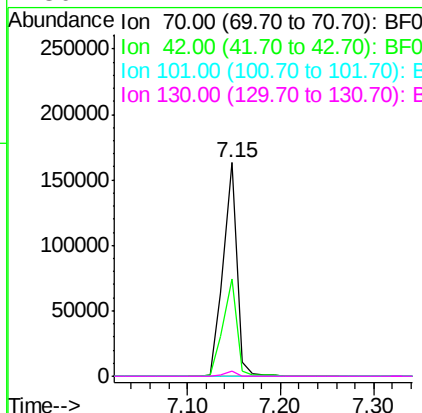




#19
n-Nitroso-di-n-propylamine
Concen: 15.26 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF092279.D
Acq: 14 Jan 2017 12:26

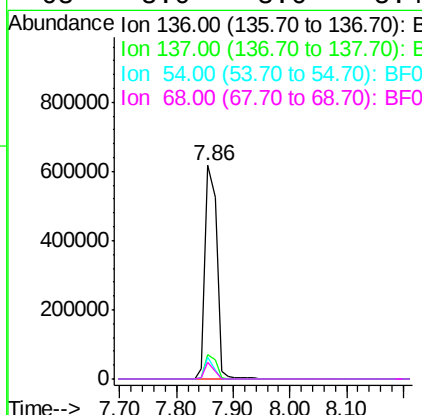
Instrument :
BNA_F
ClientSampleId :
SB-49-COMP

Tgt Ion: 70 Resp: 167938
Ion Ratio Lower Upper
70 100
42 45.3 49.4 74.0#
101 0.0 7.4 11.2#
130 2.4 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092279.D
Acq: 14 Jan 2017 12:26

Tgt Ion: 136 Resp: 837680
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 10.2 4.5 6.7#
68 8.0 3.6 5.4#

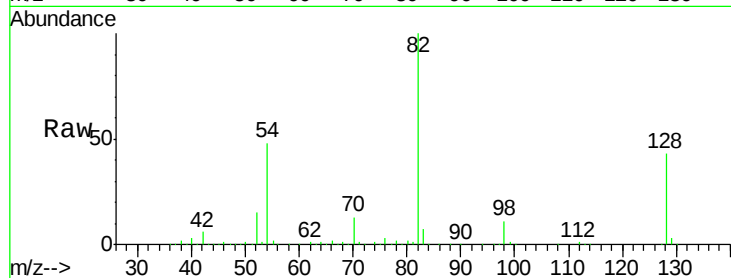




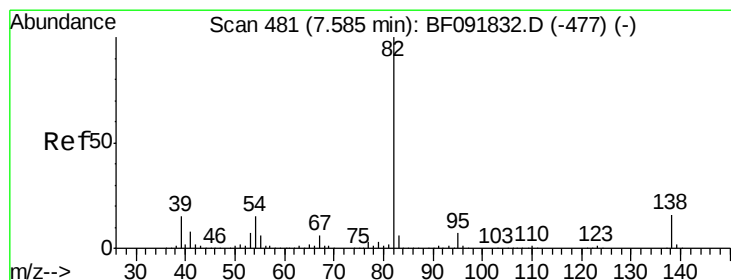
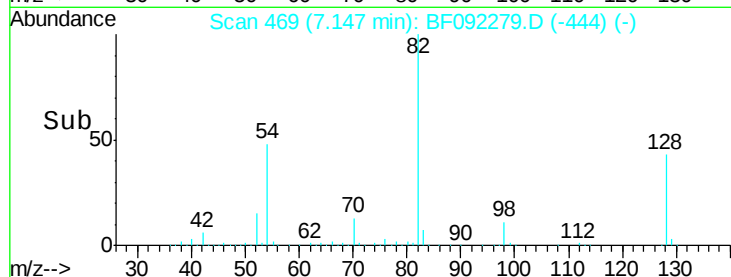
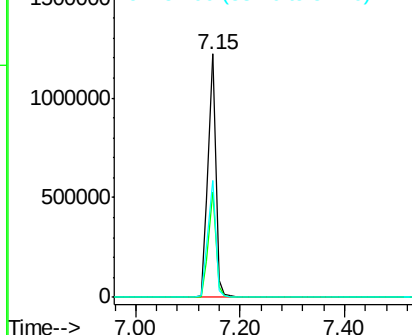
#23
 Nitrobenzene-d5
 Concen: 84.21 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092279.D
 Acq: 14 Jan 2017 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-49-COMP

Tgt Ion: 82 Resp: 1268530
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.6 52.0
 54 47.8 39.5 59.3

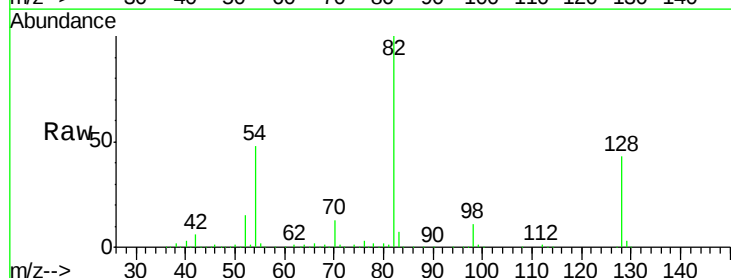


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

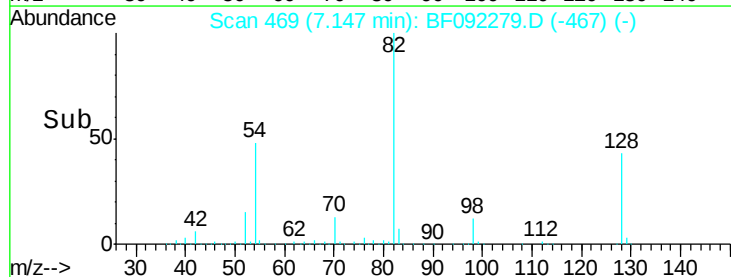
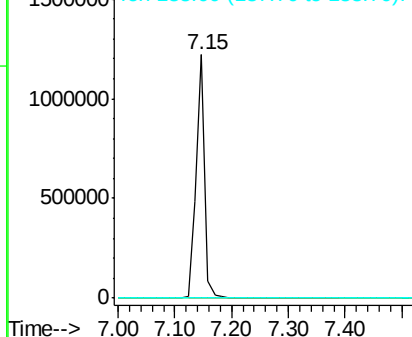


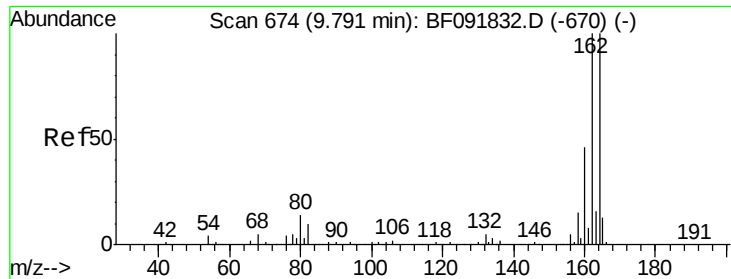
#25
 Isophorone
 Concen: 45.41 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.27 min
 Lab File: BF092279.D
 Acq: 14 Jan 2017 12:26

Tgt Ion: 82 Resp: 1262203
 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: 9.60 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092279.D

Acq: 14 Jan 2017 12:26

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

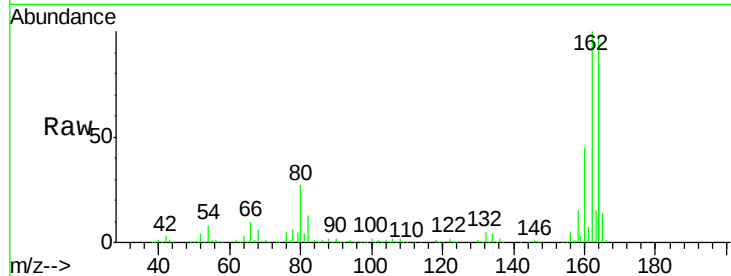
Tgt Ion:164 Resp: 407563

Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

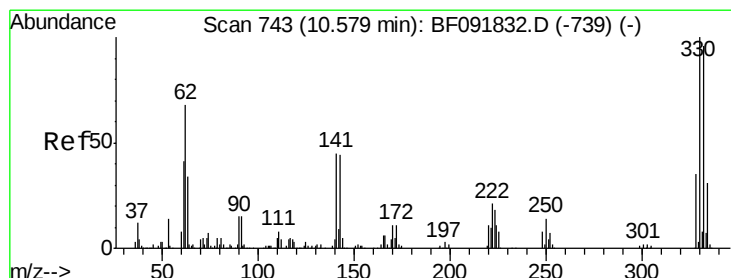
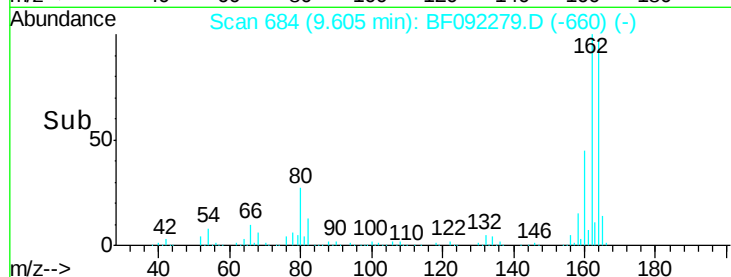
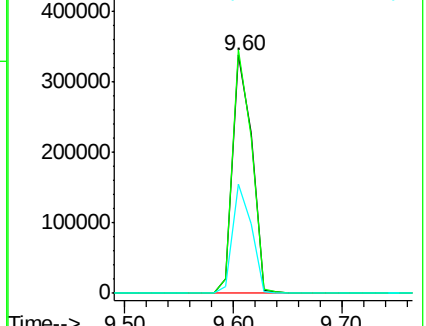
160 46.0 36.9 55.3



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: 97.74 ng

RT: 10.40 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF092279.D

Acq: 14 Jan 2017 12:26

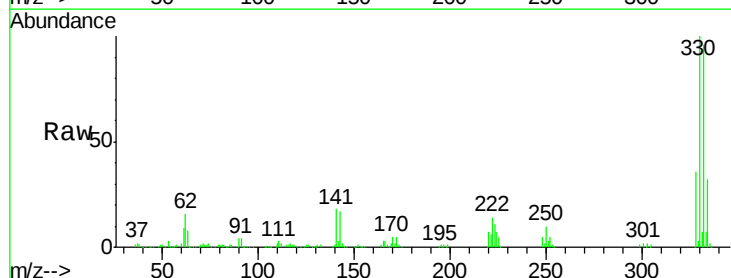
Tgt Ion:330 Resp: 329673

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

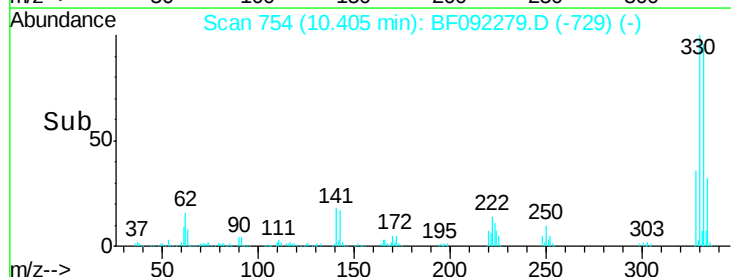
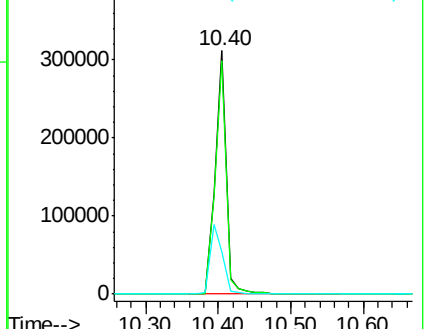
141 32.6 34.1 51.1#

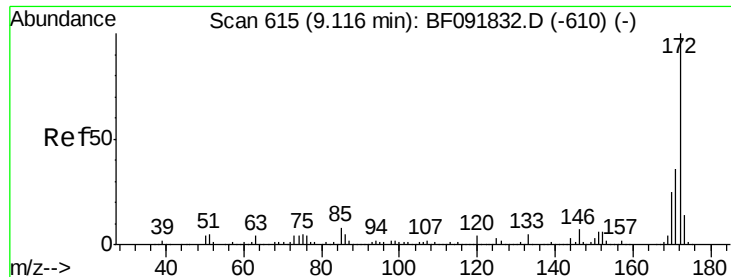


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

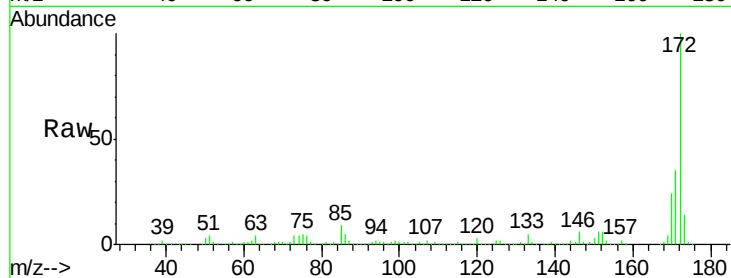




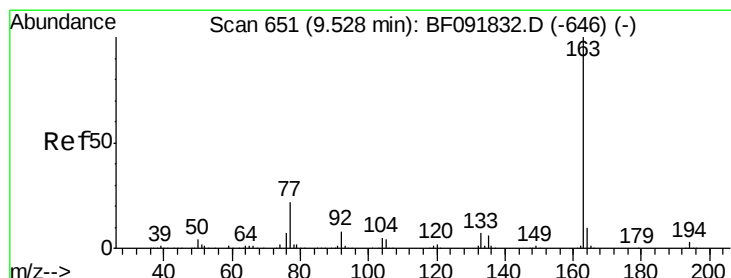
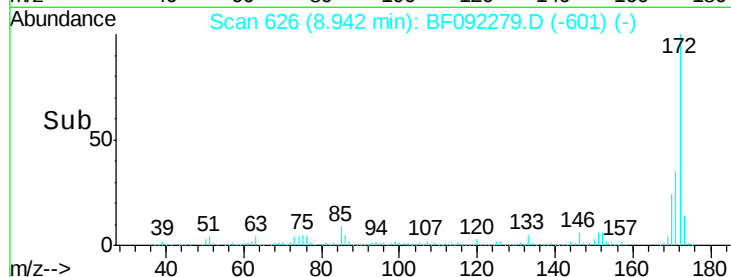
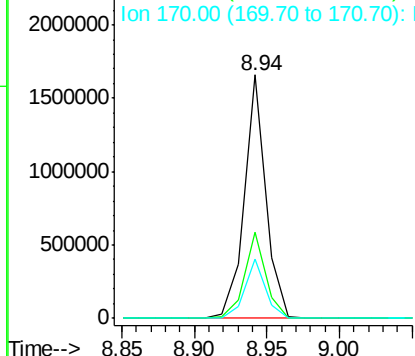
#44
2-Fluorobiphenyl
Concen: 86.30 ng
RT: 8.94 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF092279.D
Acq: 14 Jan 2017 12:26

Instrument :
BNA_F
ClientSampleId :
SB-49-COMP

Tgt Ion:172 Resp: 1712739
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 24.3 20.2 30.4

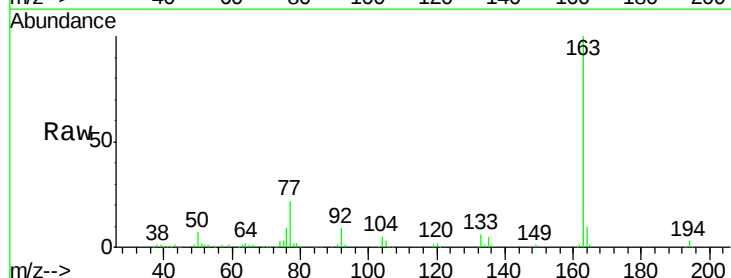


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

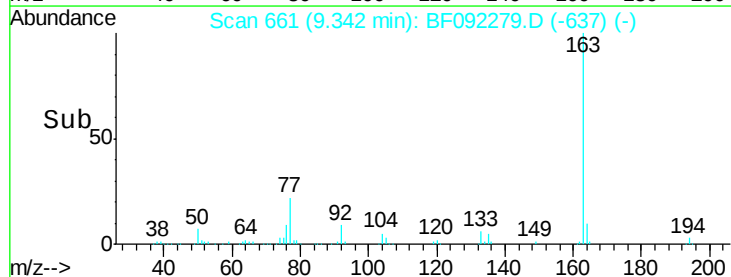
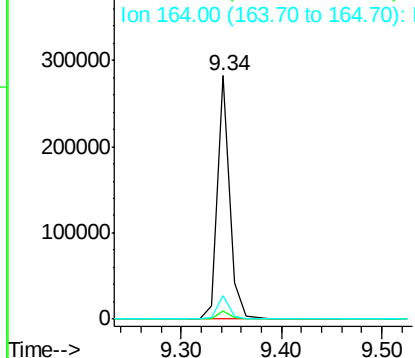


#49
Dimethylphthalate
Concen: 9.16 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092279.D
Acq: 14 Jan 2017 12:26

Tgt Ion:163 Resp: 238676
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 9.7 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

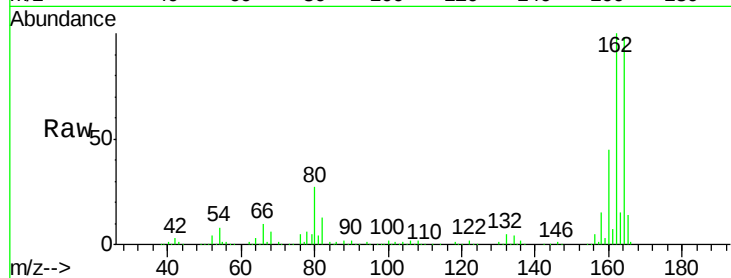




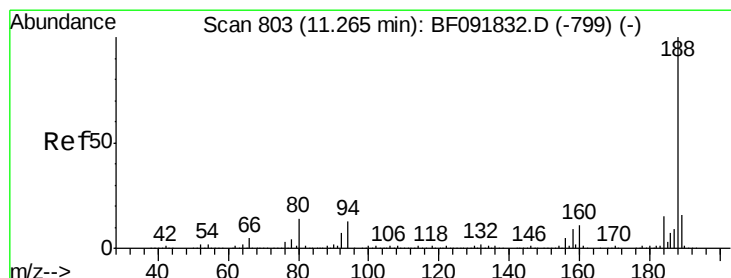
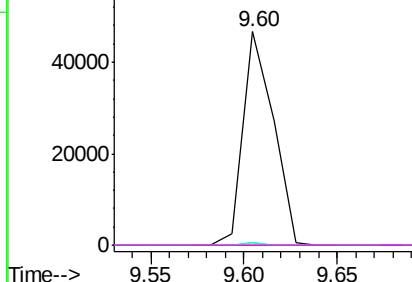
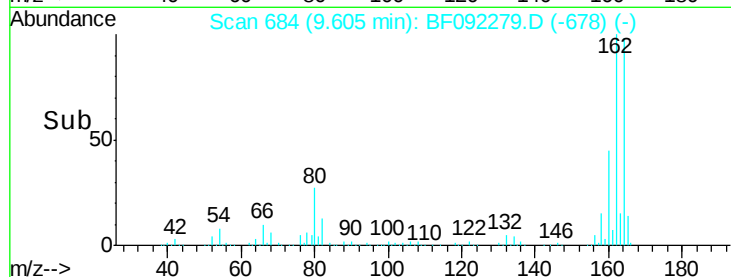
#56
 2,4-Dinitrotoluene
 Concen: 7.38 ng
 RT: 9.60 min Scan# 684
 Delta R.T. -0.23 min
 Lab File: BF092279.D
 Acq: 14 Jan 2017 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-49-COMP

Tgt Ion:165 Resp: 52827
 Ion Ratio Lower Upper
 165 100
 63 1.1 40.2 60.4#
 89 1.0 62.5 93.7#
 182 0.0 1.8 2.8#

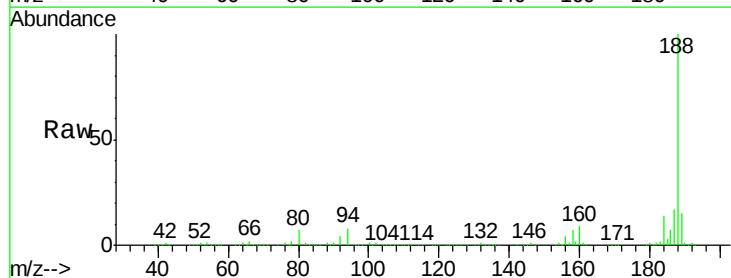


Abundance Ion 165.00 (164.70 to 165.70): E

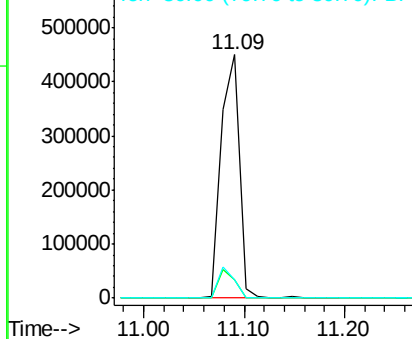
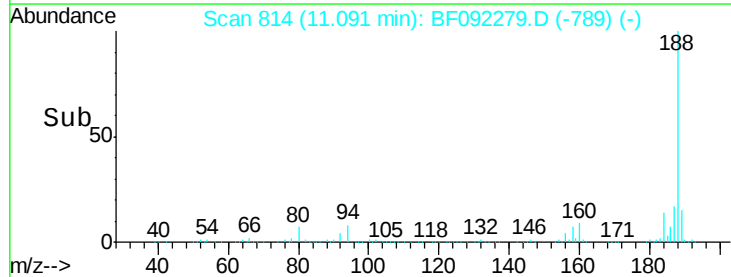


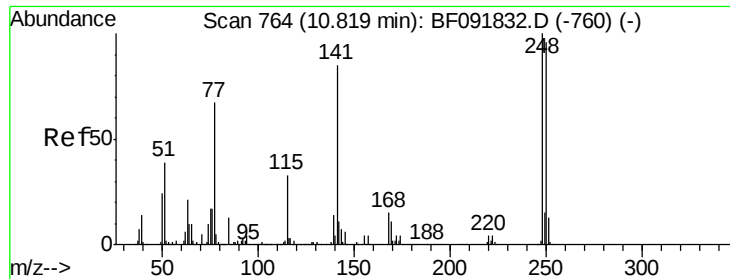
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF092279.D
 Acq: 14 Jan 2017 12:26

Tgt Ion:188 Resp: 568972
 Ion Ratio Lower Upper
 188 100
 94 7.5 10.0 15.0#
 80 7.4 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

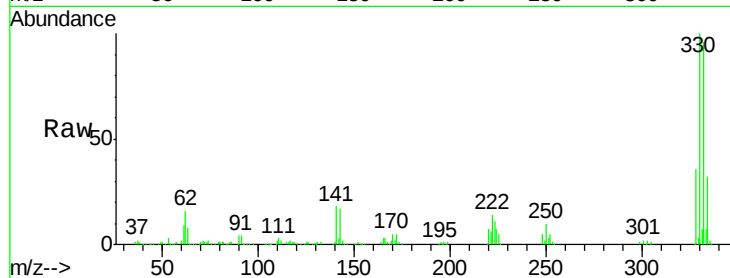




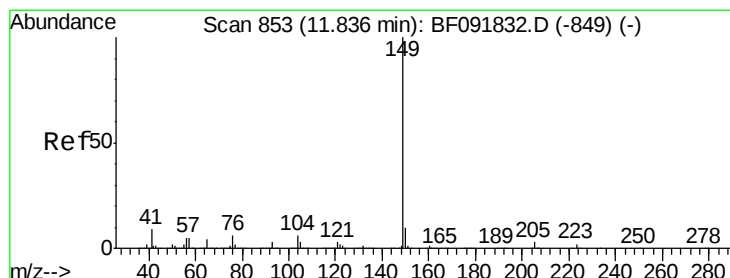
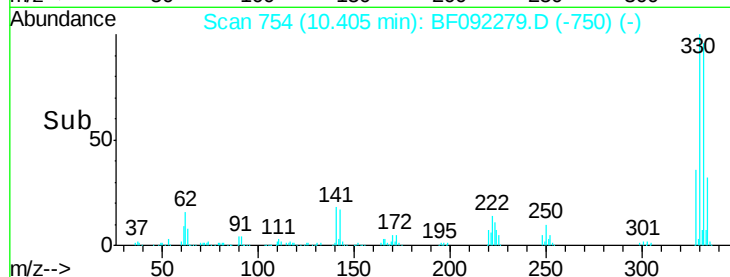
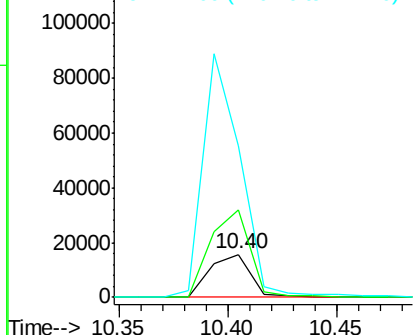
#66
 4-Bromophenyl-phenylether
 Concen: 3.39 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF092279.D
 Acq: 14 Jan 2017 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-49-COMP

Tgt Ion:248 Resp: 20084
 Ion Ratio Lower Upper
 248 100
 250 203.2 76.9 115.3#
 141 351.8 68.2 102.4#

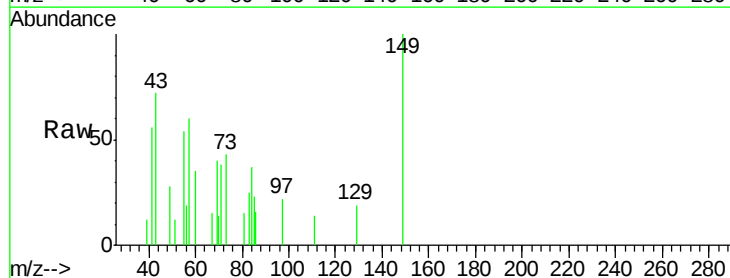


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

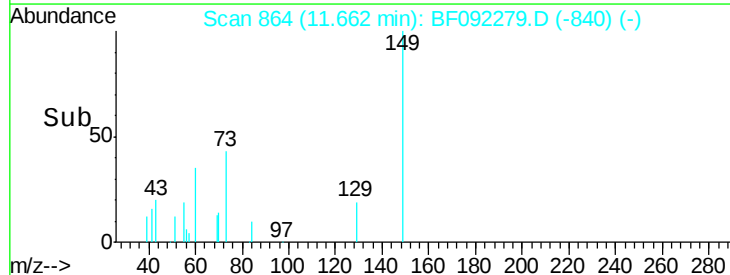
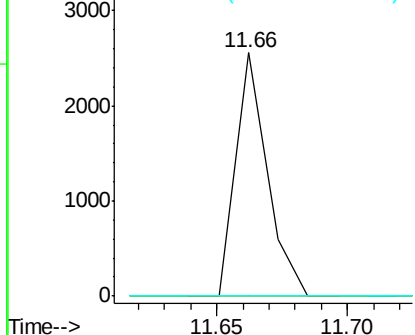


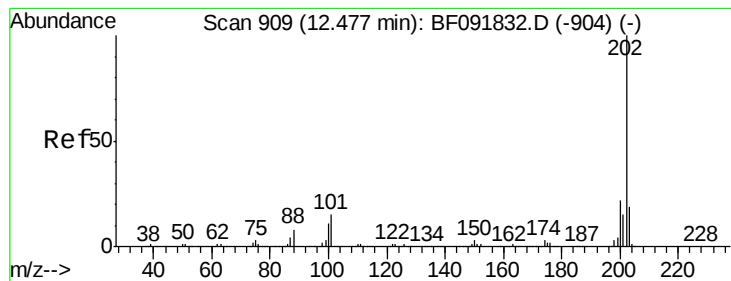
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.66 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BF092279.D
 Acq: 14 Jan 2017 12:26

Tgt Ion:149 Resp: 2163
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.1 12.1#
 104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF092279.D

Acq: 14 Jan 2017 12:26

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

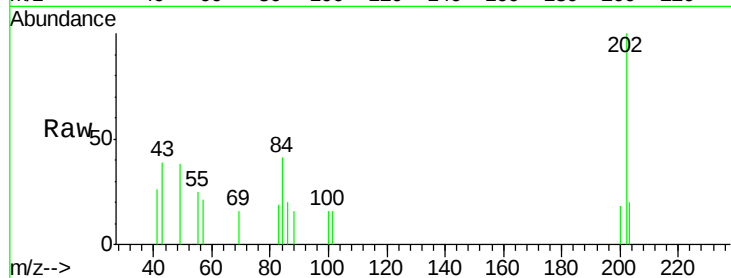
Tgt Ion: 202 Resp: 2577

Ion Ratio Lower Upper

202 100

101 16.2 0.0 34.6

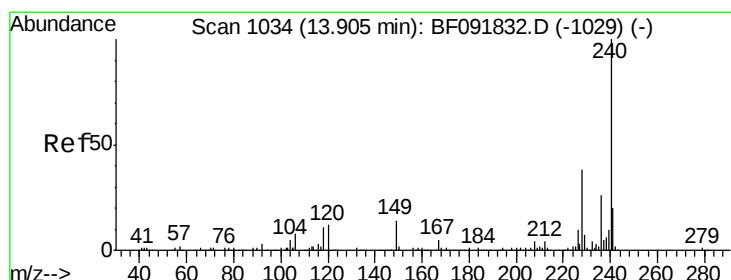
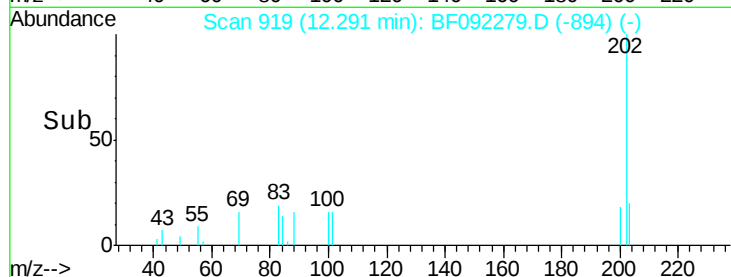
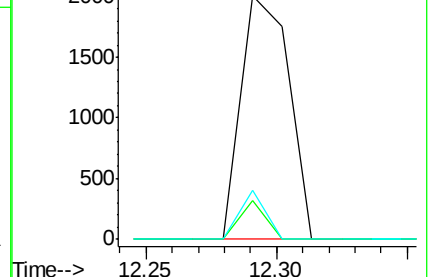
203 20.2 0.0 38.7



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: 13.71 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF092279.D

Acq: 14 Jan 2017 12:26

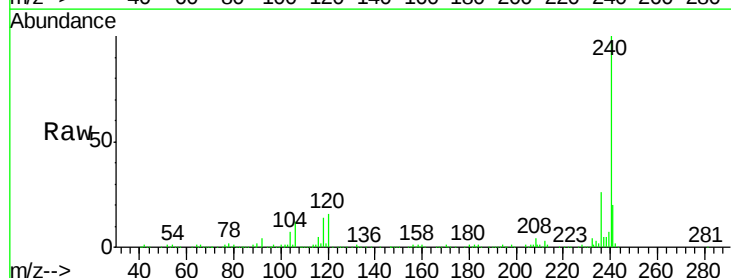
Tgt Ion: 240 Resp: 451875

Ion Ratio Lower Upper

240 100

120 16.2 12.9 19.3

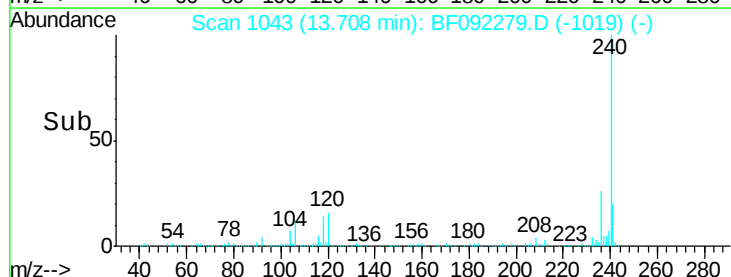
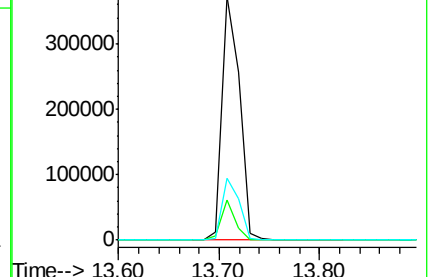
236 25.5 20.9 31.3

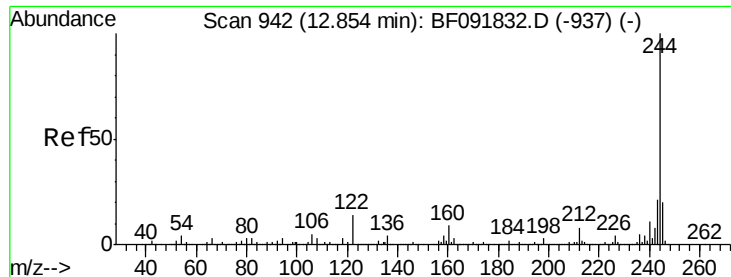


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

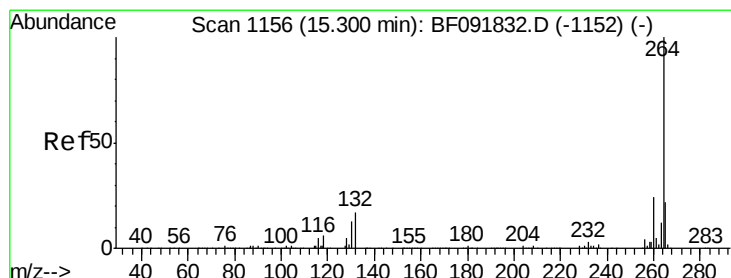
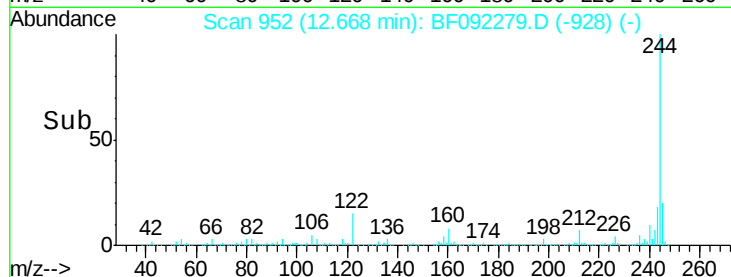
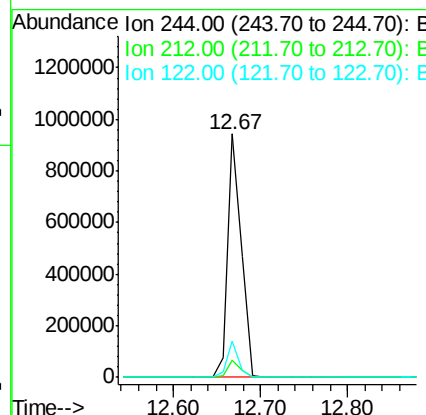
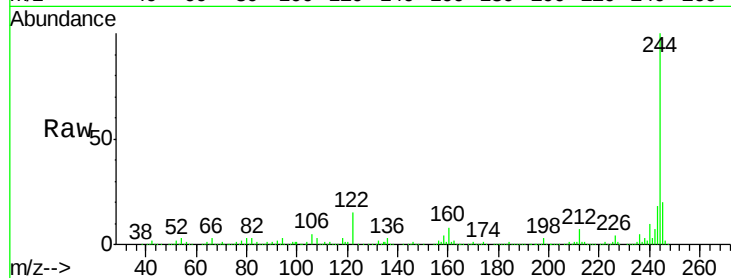




#78
 Terphenyl-d14
 Concen: 55.33 ng
 RT: 12.67 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF092279.D
 Acq: 14 Jan 2017 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-49-COMP

Tgt Ion:244 Resp: 1030859
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 14.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BF092279.D
 Acq: 14 Jan 2017 12:26

Tgt Ion:264 Resp: 396905
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.4 17.4 26.0

