

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089466.D
 Acq On : 31 Jul 2016 12:52
 Operator : UM/SJ
 Sample : H4284-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:13:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	47509	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	182331	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	84438	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	160908	20.00	ng	-0.06
75) Chrysene-d12	13.62	240	93835	20.00	ng	-0.05
86) Perylene-d12	14.94	264	81830	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.07	112	388663	130.63	ng	-0.03
7) Phenol-d6	6.17	99	522239	132.81	ng	-0.03
23) Nitrobenzene-d5	7.07	82	332336	107.59	ng	-0.05
41) 2,4,6-Tribromophenol	10.31	330	75967	108.63	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	466059	81.00	ng	-0.06
78) Terphenyl-d14	12.58	244	332374	82.90	ng	-0.05

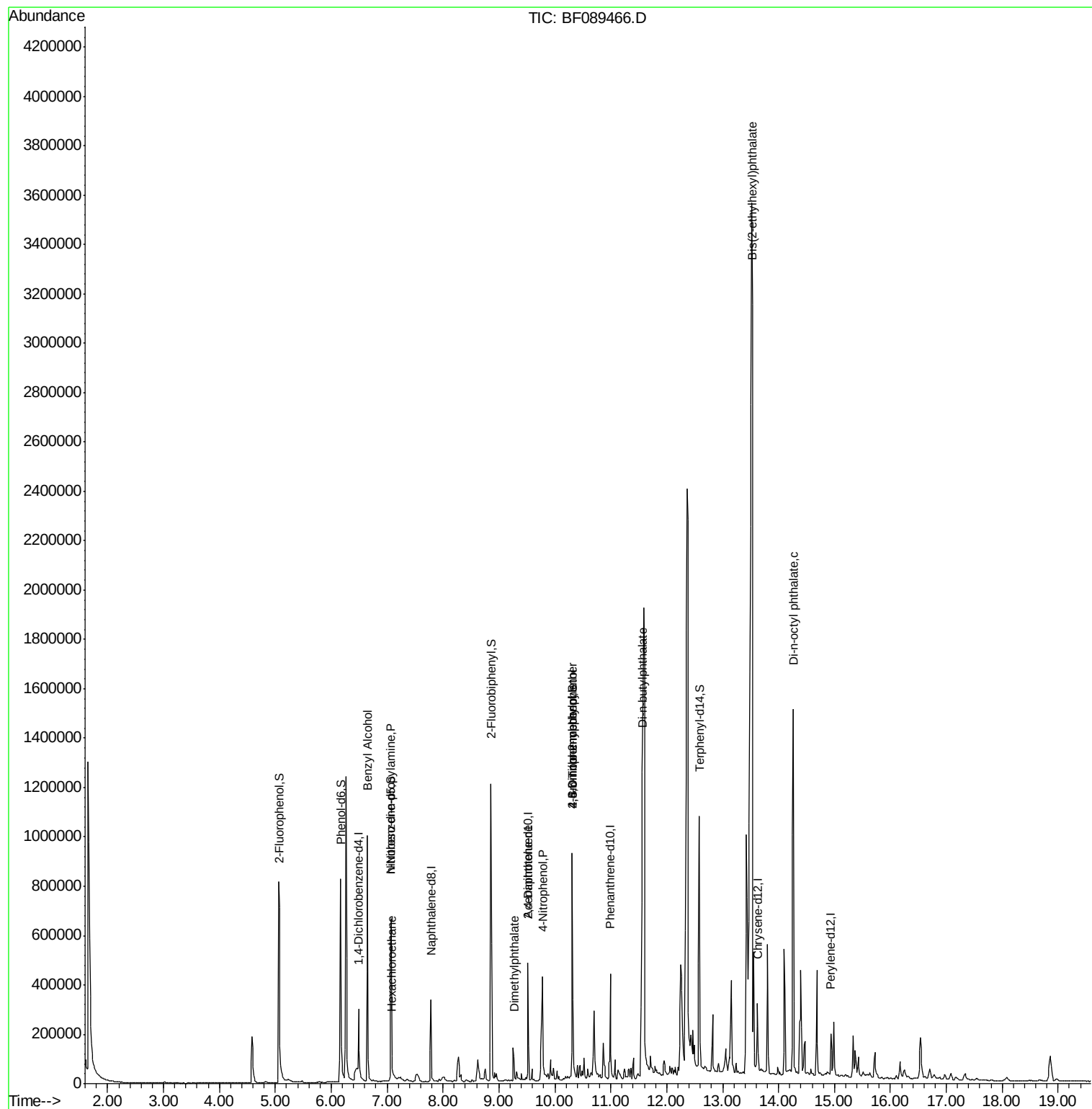
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.65	79	5374	2.20	ng	# 50
18) Hexachloroethane	7.08	117	4483	3.01	ng	# 6
19) n-Nitroso-di-n-propylamine	7.07	70	46516	19.62	ng	# 78
49) Dimethylphthalate	9.27	163	72204	11.24	ng	# 99
55) 4-Nitrophenol	9.78	139	624	7.03	ng	# 52
56) 2,4-Dinitrotoluene	9.52	165	11179	6.43	ng	# 7
64) 4,6-Dinitro-2-methylphenol	10.31	198	228	4.55	ng	# 1
66) 4-Bromophenyl-phenylether	10.31	248	5034	3.28	ng	# 1
73) Di-n-butylphthalate	11.56	149	43553	4.18	ng	# 99
83) Bis(2-ethylhexyl)phthalate	13.53	149	2170086	464.30	ng	# 55
84) Di-n-octyl phthalate	14.26	149	196990	27.01	ng	# 45

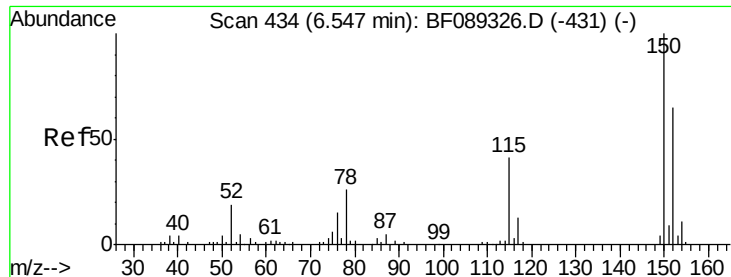
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089466.D
Acq On : 31 Jul 2016 12:52
Operator : UM/SJ
Sample : H4284-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 01 01:13:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Instrument :

BNA_F

ClientSampleId :

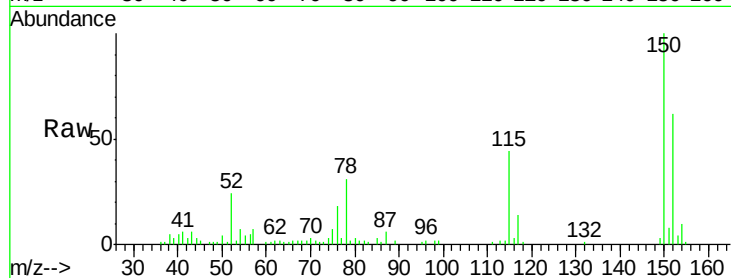
Tot Ion:152 Resp: 47509

Ion Ratio Lower Upper

152 100

150 160.3 129.5 194.3

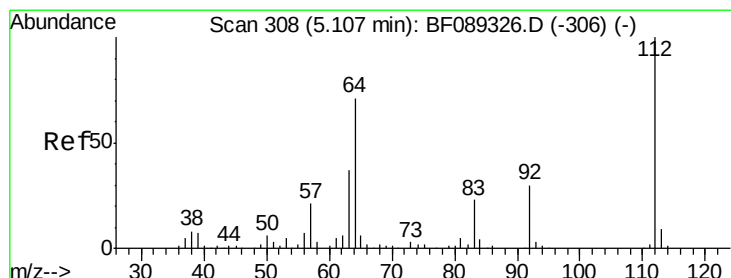
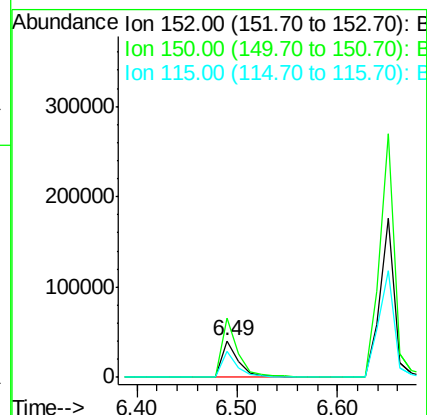
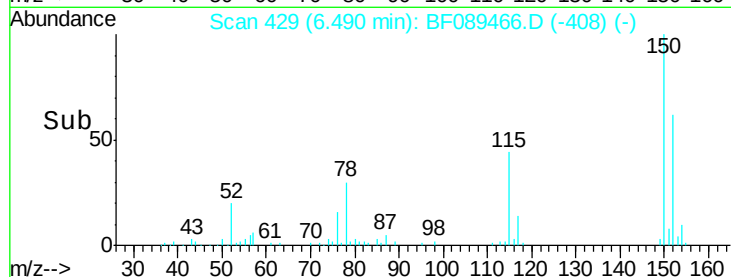
115 71.2 51.4 77.2



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: 130.63 ng

RT: 5.07 min Scan# 305

Delta R.T. -0.03 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

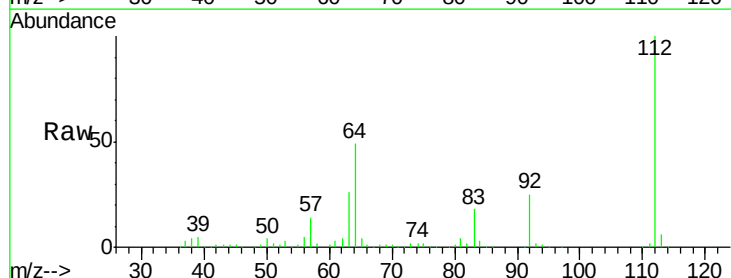
Tgt Ion:112 Resp: 388663

Ion Ratio Lower Upper

112 100

64 48.8 55.0 82.6#

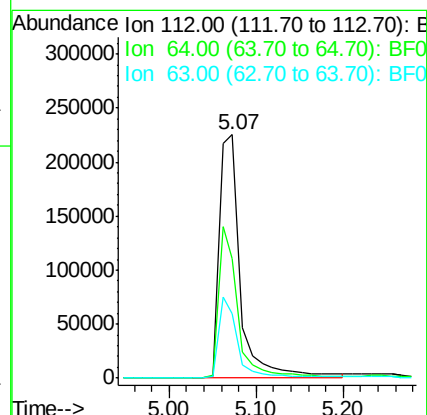
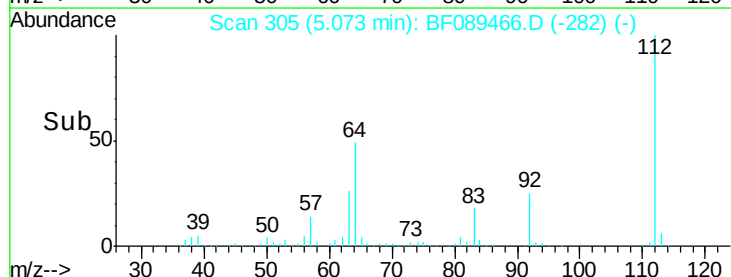
63 26.5 29.4 44.2#

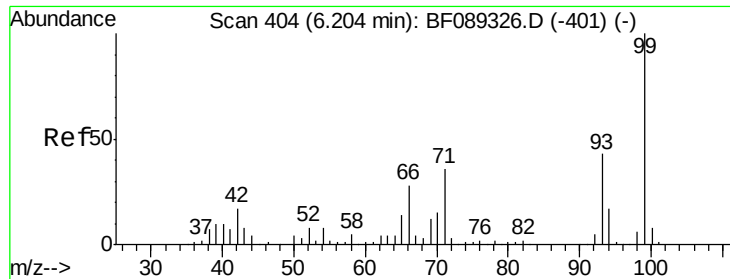


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.81 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Instrument :

BNA_F

ClientSampleId :

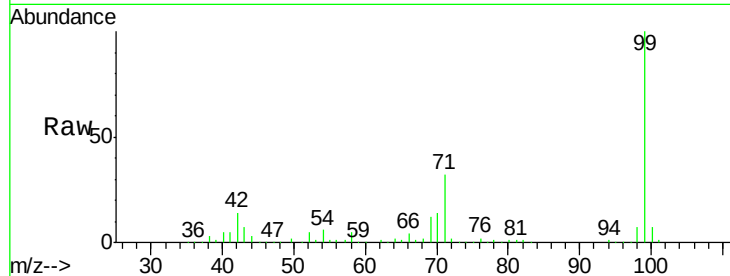
Tot Ion: 99 Resp: 522239

Ion Ratio Lower Upper

99 100

42 14.0 13.6 20.4

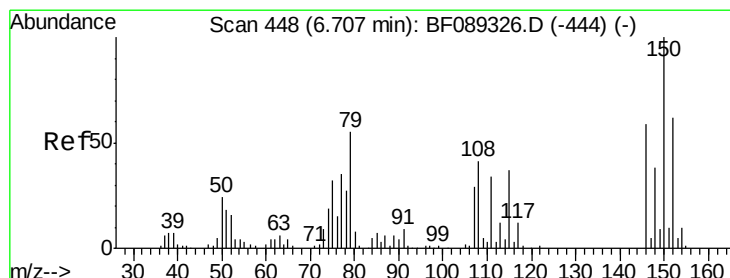
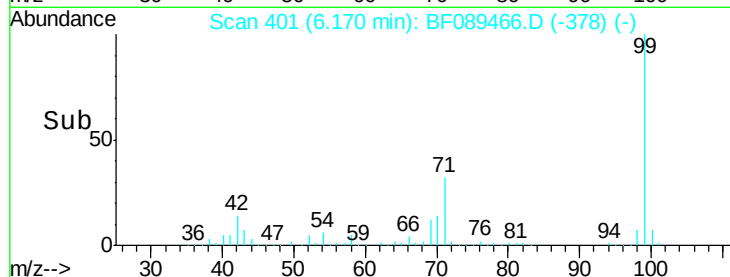
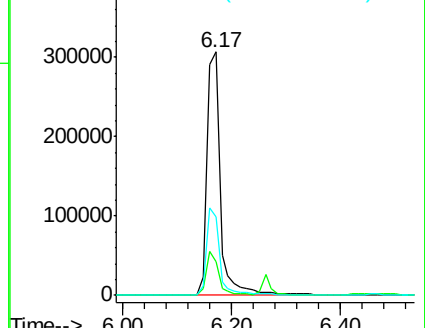
71 32.5 29.4 44.2



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



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.06 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

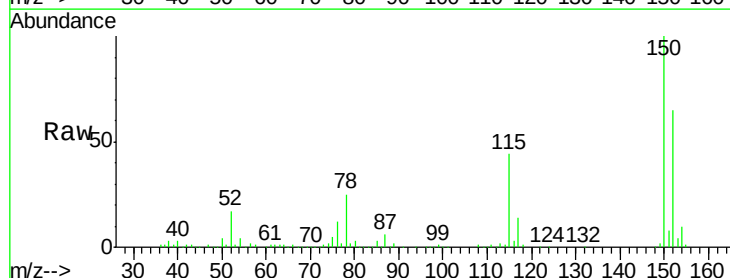
Tgt Ion: 79 Resp: 5374

Ion Ratio Lower Upper

79 100

108 31.4 59.8 89.6#

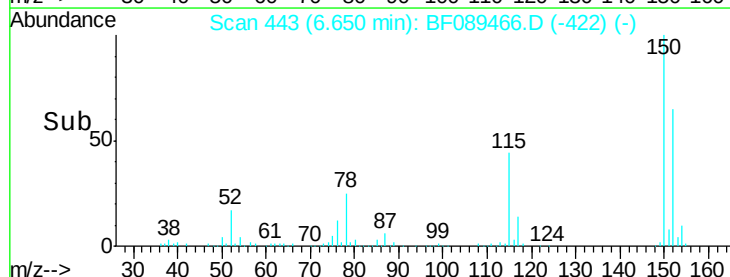
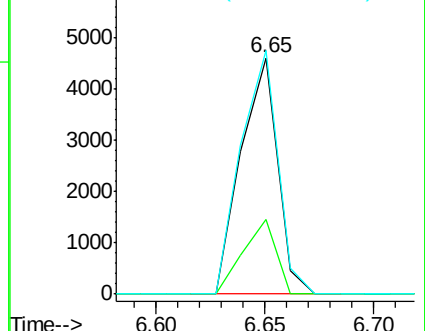
77 103.0 51.7 77.5#

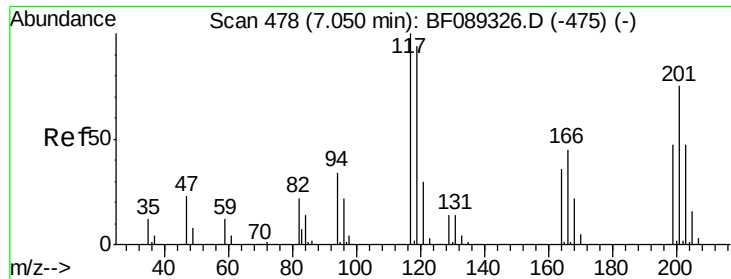


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 3.01 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.03 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Instrument :

BNA_F

ClientSampleId :

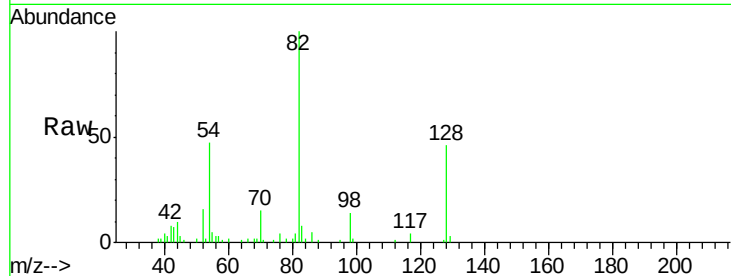
Tot Ion:117 Resp: 4483

Ion Ratio Lower Upper

117 100

119 0.0 76.0 114.0#

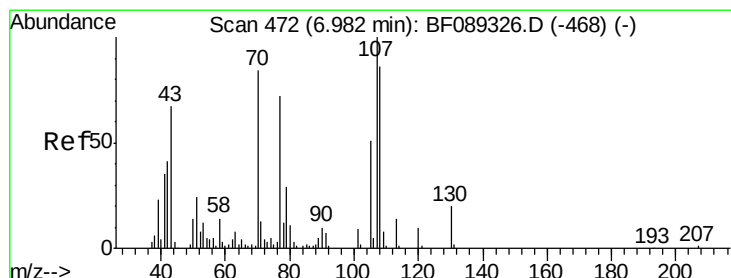
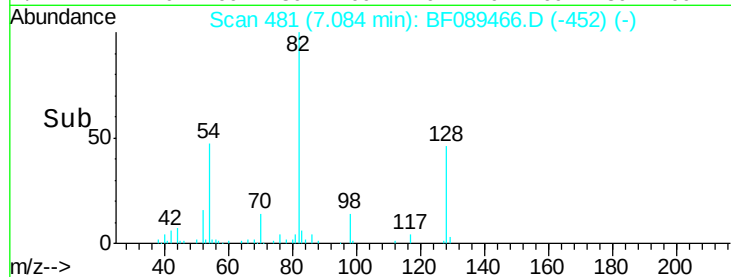
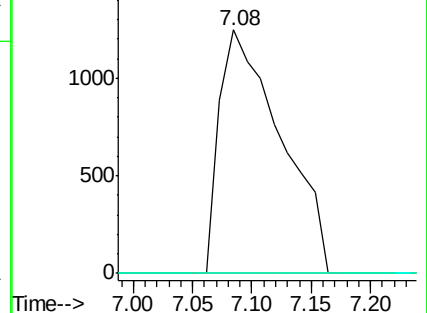
201 0.0 60.0 90.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 19.62 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.09 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Tgt Ion: 70 Resp: 46516

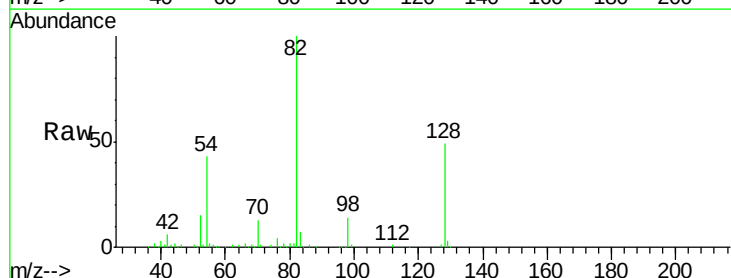
Ion Ratio Lower Upper

70 100

42 41.9 38.6 57.8

101 0.0 8.3 12.5#

130 2.2 19.0 28.4#

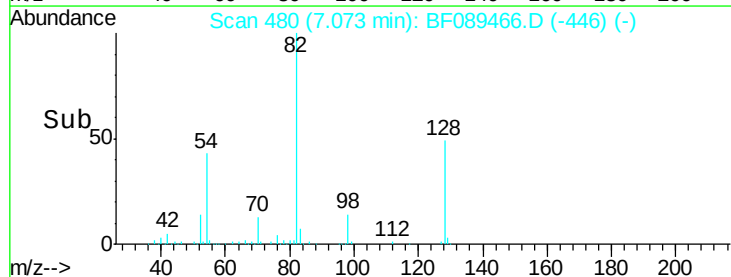
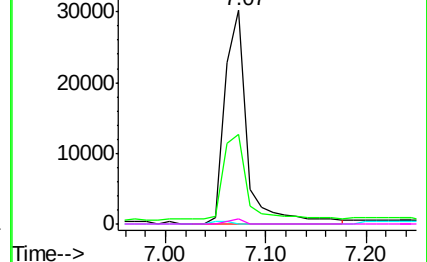


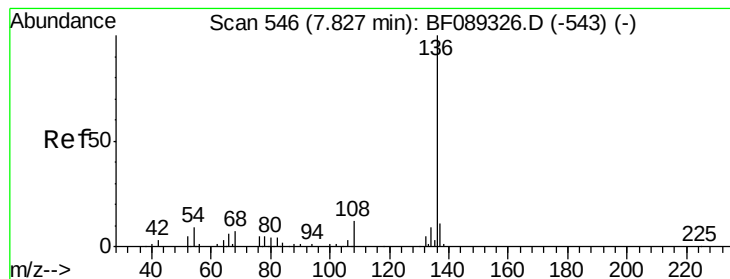
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.05 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 182331

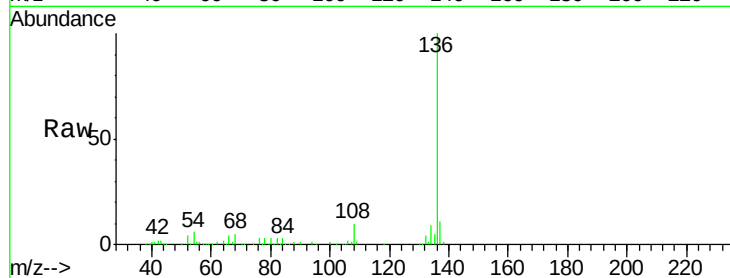
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.8 7.0 10.4#

68 4.9 4.9 7.3

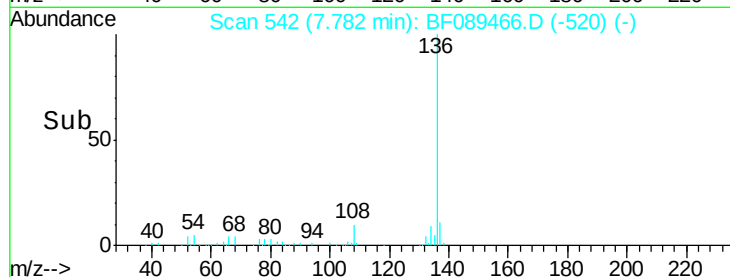


Abundance Ion 136.00 (135.70 to 136.70): E

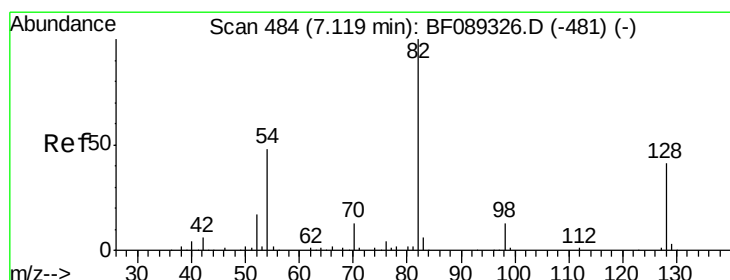
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 107.59 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.05 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

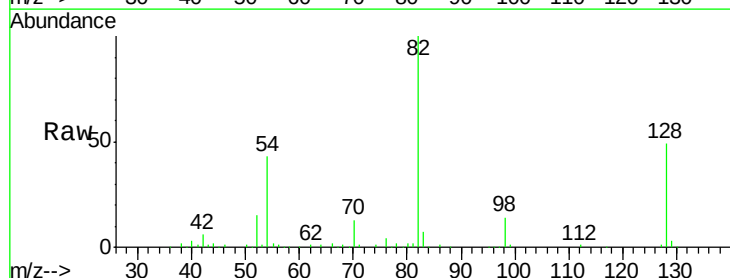
Tgt Ion: 82 Resp: 332336

Ion Ratio Lower Upper

82 100

128 48.6 32.5 48.7

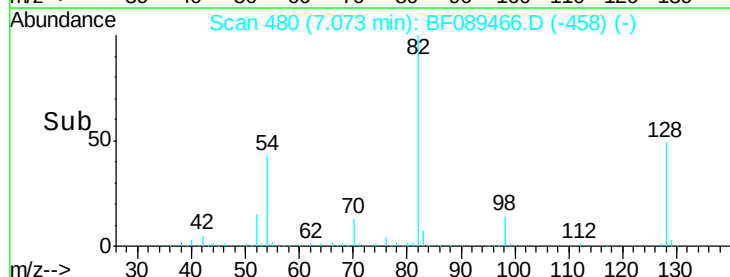
54 43.3 38.8 58.2



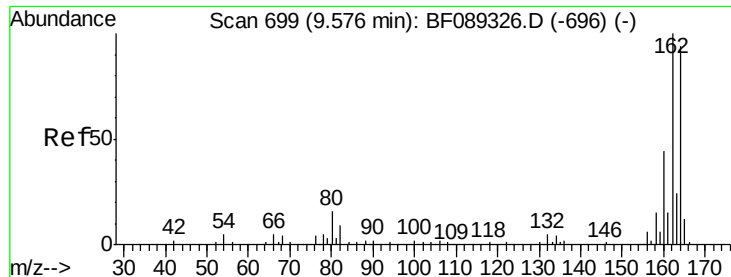
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.06 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Instrument :

BNA_F

ClientSampleId :

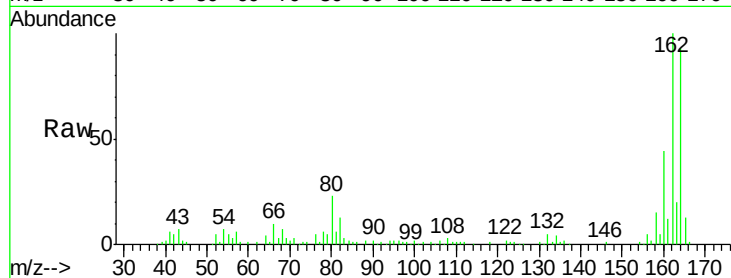
Tot Ion:164 Resp: 84438

Ion Ratio Lower Upper

164 100

162 107.7 83.7 125.5

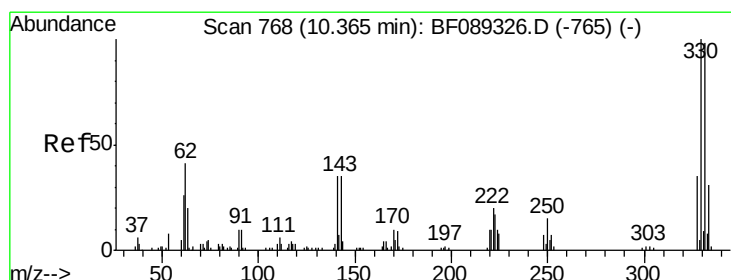
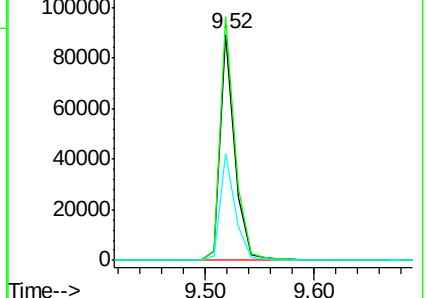
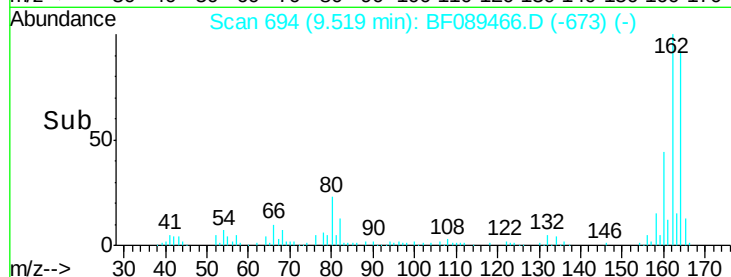
160 47.0 37.8 56.6



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: 108.63 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.06 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

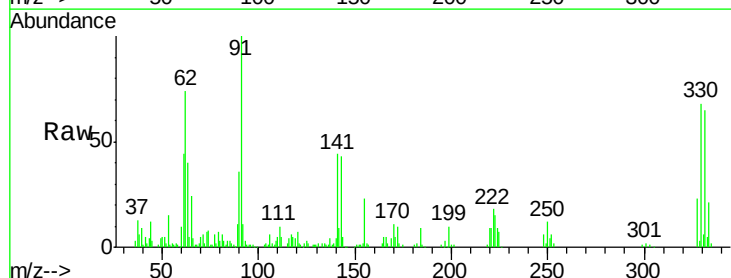
Tgt Ion:330 Resp: 75967

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

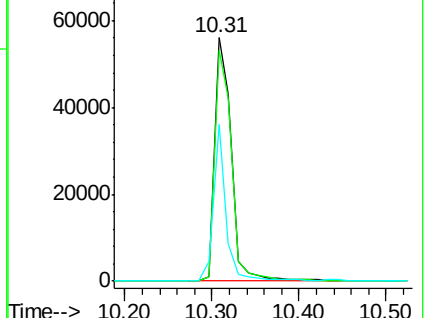
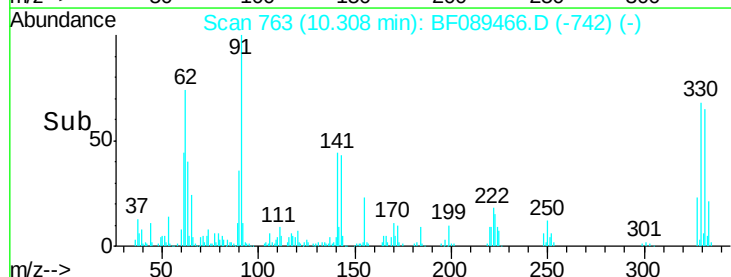
141 48.6 37.3 55.9

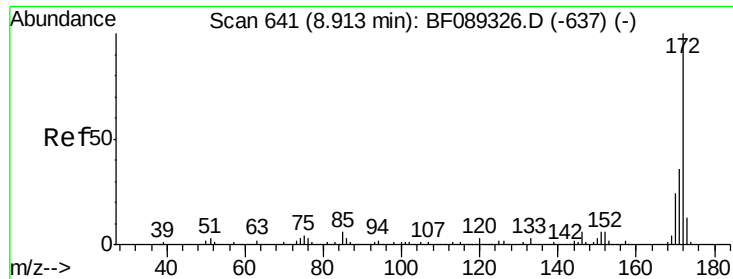


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

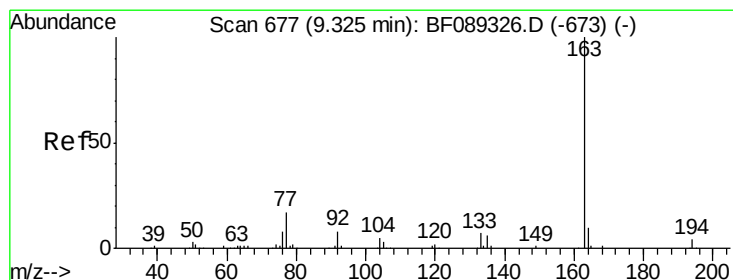
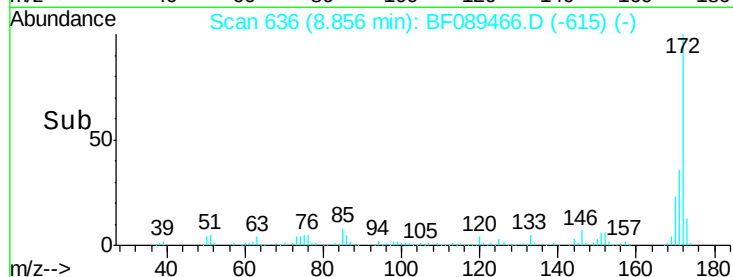
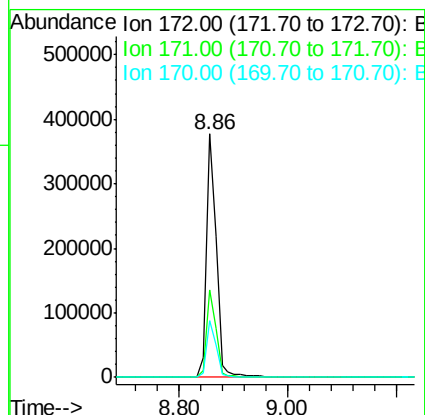
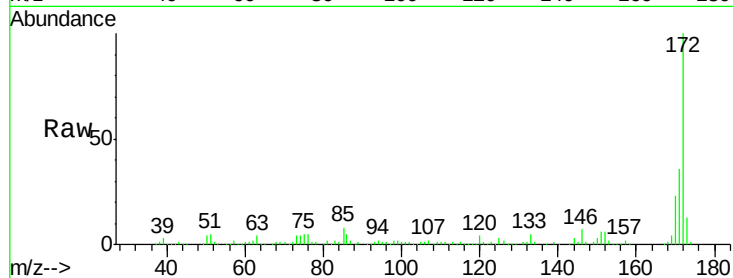




#44
2-Fluorobiphenyl
Concen: 81.00 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.06 min
Lab File: BF089466.D
Acq: 31 Jul 2016 12:52

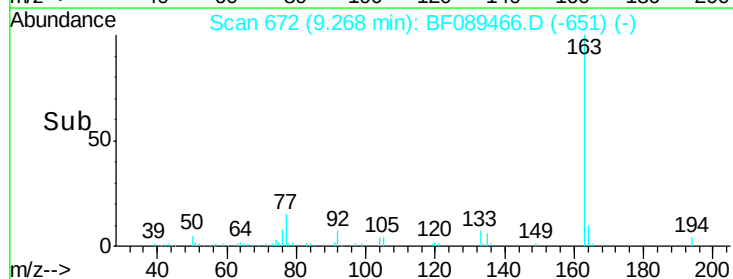
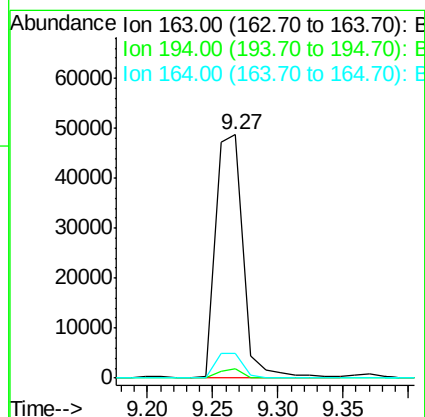
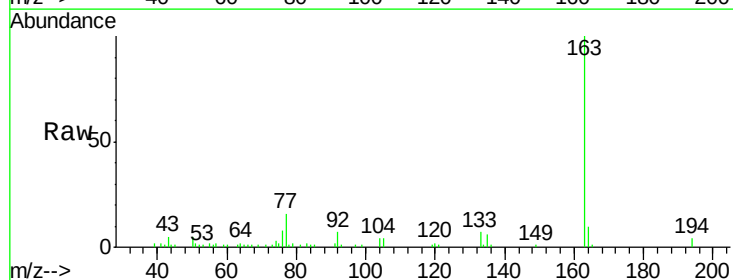
Instrument :
BNA_F
ClientSampled :

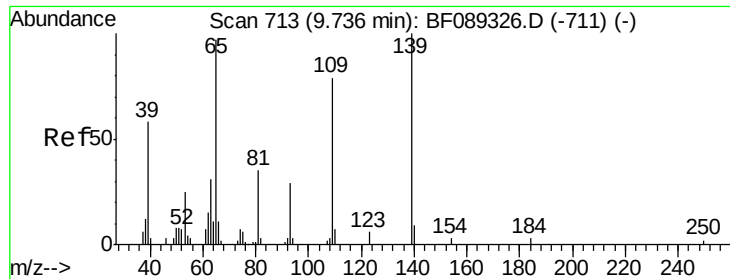
Tot Ion:172 Resp: 466059
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 23.3 19.2 28.8



#49
Dimethylphthalate
Concen: 11.24 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF089466.D
Acq: 31 Jul 2016 12:52

Tgt Ion:163 Resp: 72204
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.3 7.8 11.8





#55

4-Nitrophenol

Concen: 7.03 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.05 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Instrument :

BNA_F

ClientSampled :

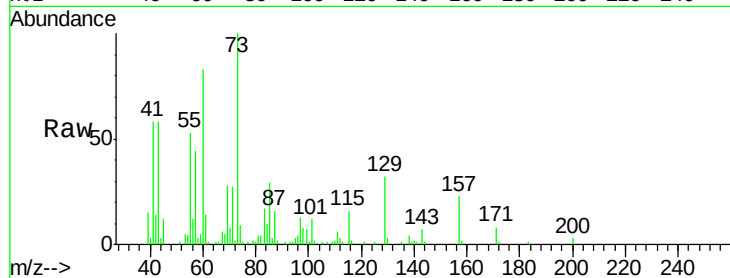
Tot Ion:139 Resp: 624

Ion Ratio Lower Upper

139 100

109 151.0 57.8 97.8#

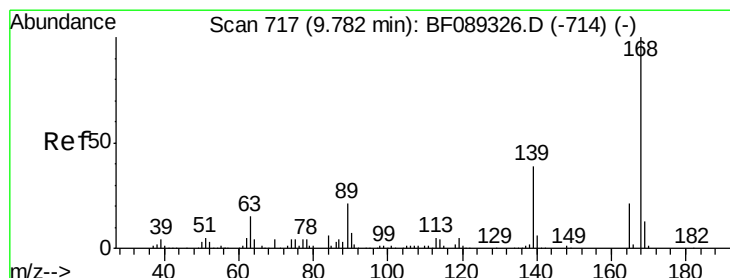
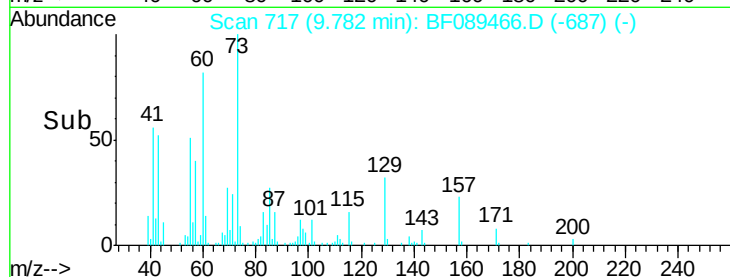
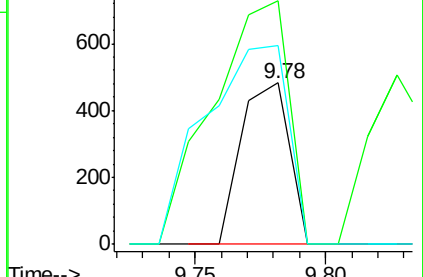
65 123.0 81.7 121.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.43 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.26 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Tgt Ion:165 Resp: 11179

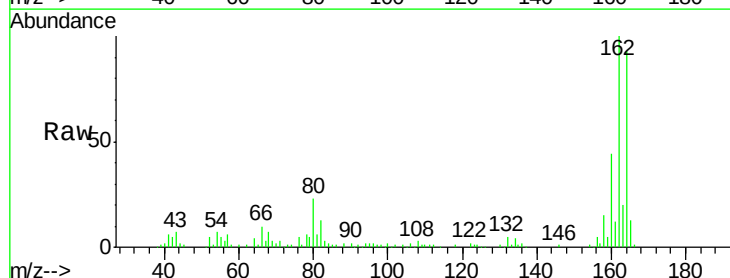
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.2#

89 0.0 79.1 118.7#

182 0.0 1.8 2.8#

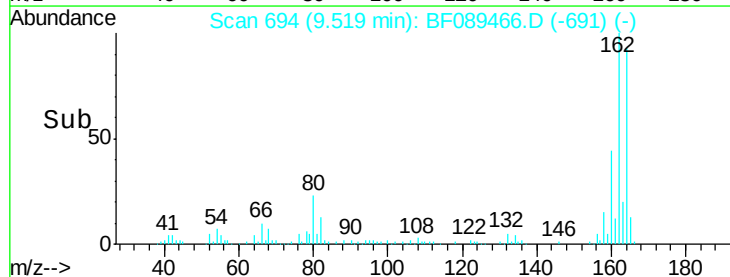
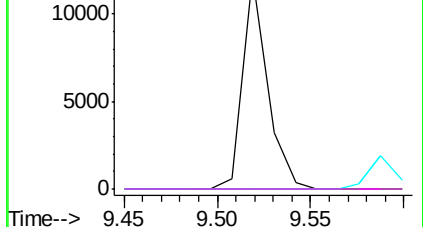


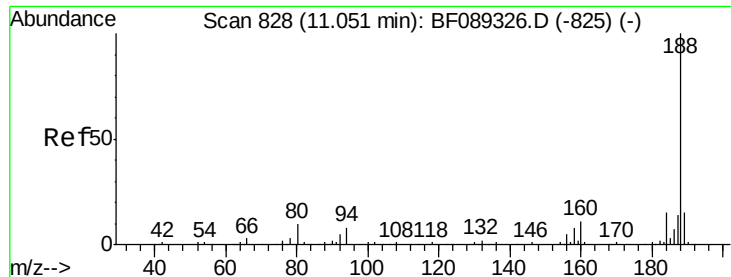
Abundance Ion 165.00 (164.70 to 165.70): E

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

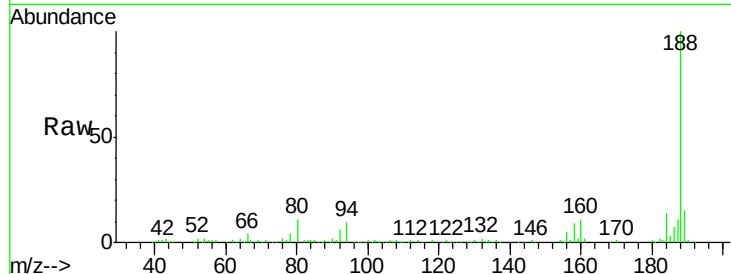




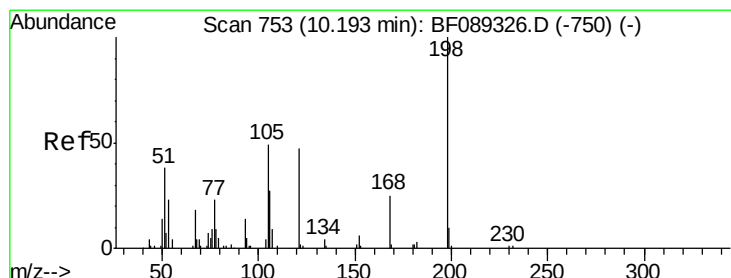
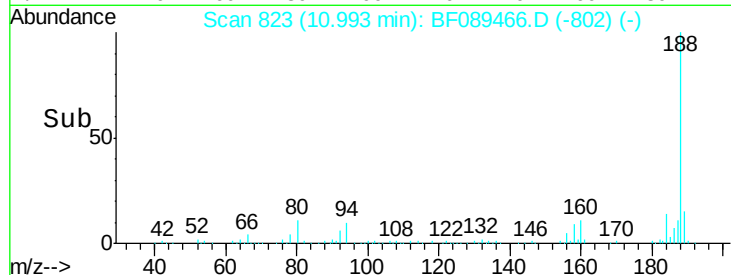
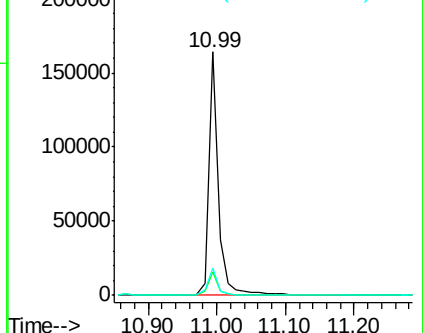
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.06 min
Lab File: BF089466.D
Acq: 31 Jul 2016 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 160908
Ion Ratio Lower Upper
188 100
94 9.6 6.5 9.7
80 11.1 7.2 10.8#

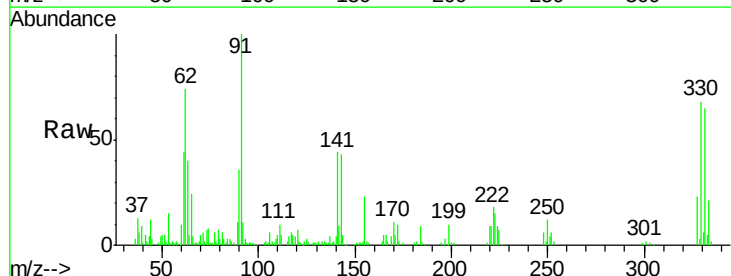


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

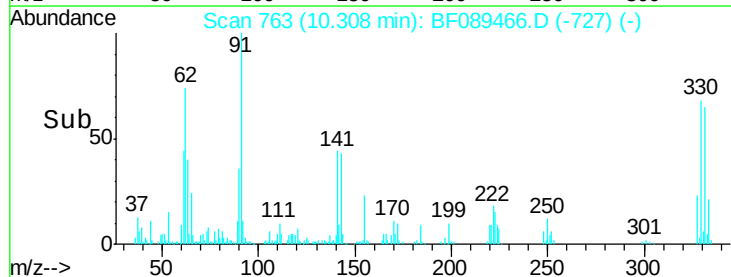
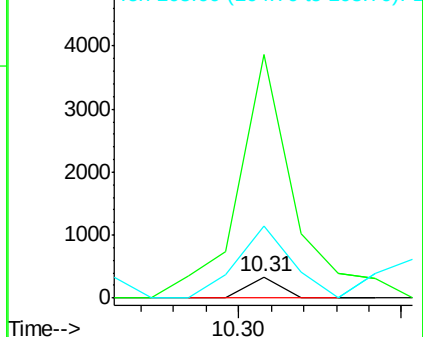


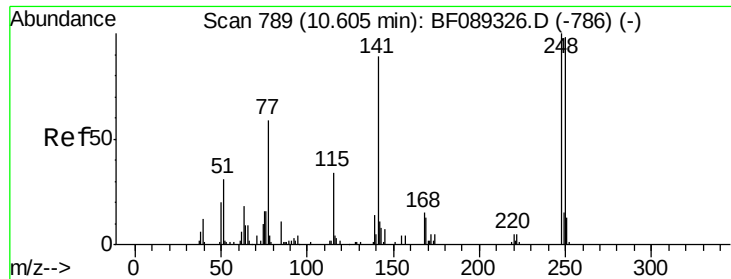
#64
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.11 min
Lab File: BF089466.D
Acq: 31 Jul 2016 12:52

Tgt Ion:198 Resp: 228
Ion Ratio Lower Upper
198 100
51 1160.7 23.0 63.0#
105 346.2 28.3 68.3#



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

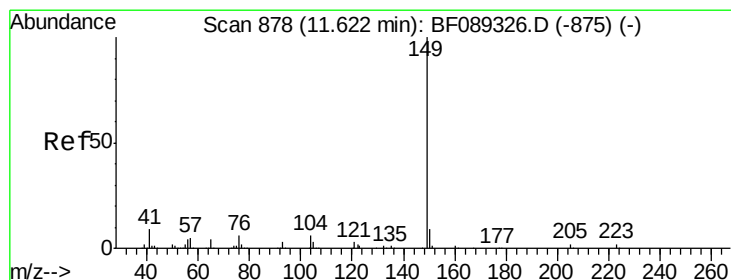
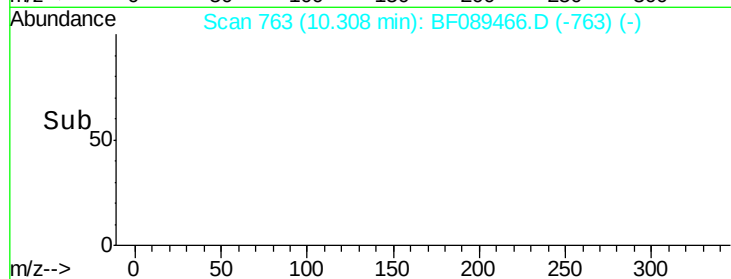
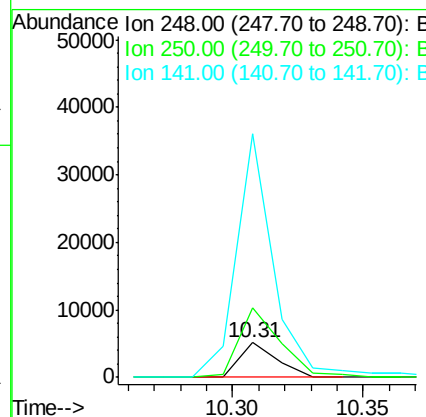
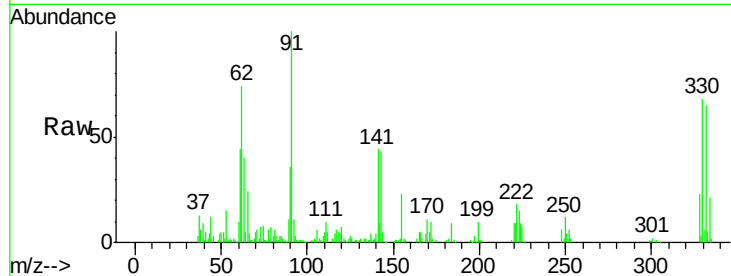




#66
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.30 min
Lab File: BF089466.D
Acq: 31 Jul 2016 12:52

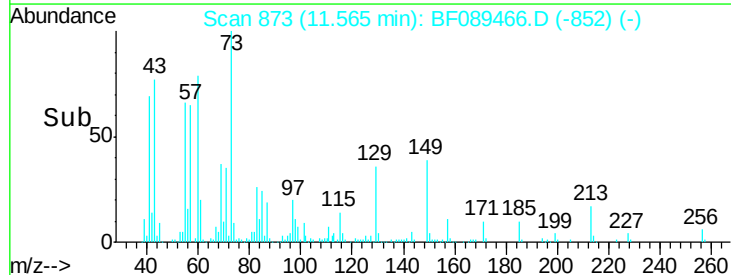
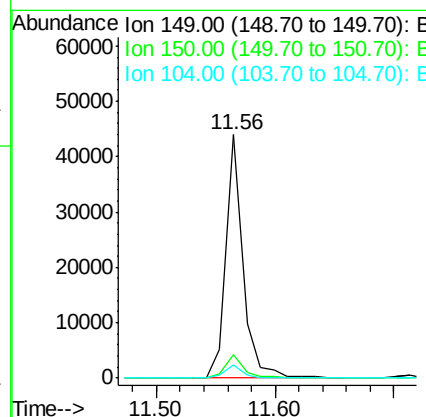
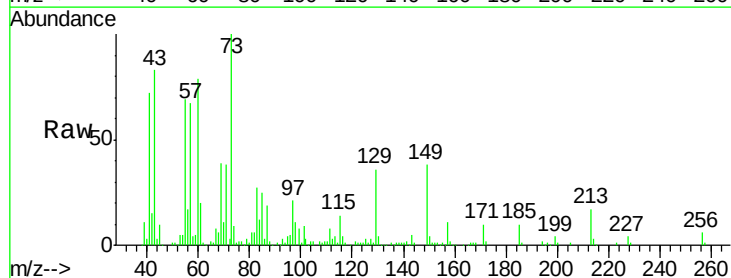
Instrument :
BNA_F
ClientSampled :

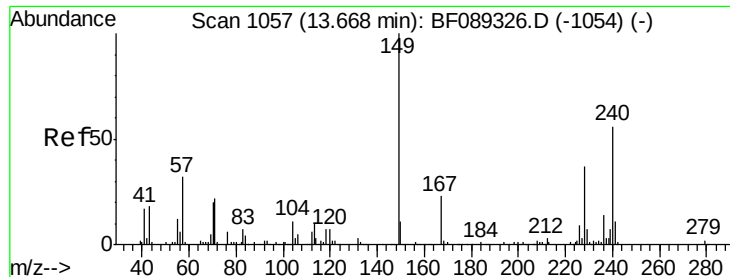
Tot Ion:248 Resp: 5034
Ion Ratio Lower Upper
248 100
250 200.6 78.2 117.2#
141 704.5 62.0 93.0#



#73
Di-n-butylphthalate
Concen: 4.18 ng
RT: 11.56 min Scan# 873
Delta R.T. -0.06 min
Lab File: BF089466.D
Acq: 31 Jul 2016 12:52

Tgt Ion:149 Resp: 43553
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.3 4.7 7.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Instrument :

BNA_F

ClientSampled :

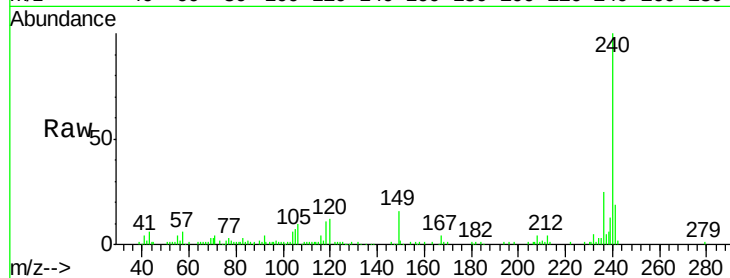
Tot Ion:240 Resp: 93835

Ion Ratio Lower Upper

240 100

120 11.9 9.1 13.7

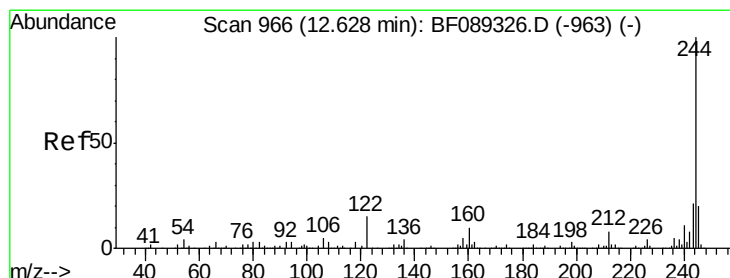
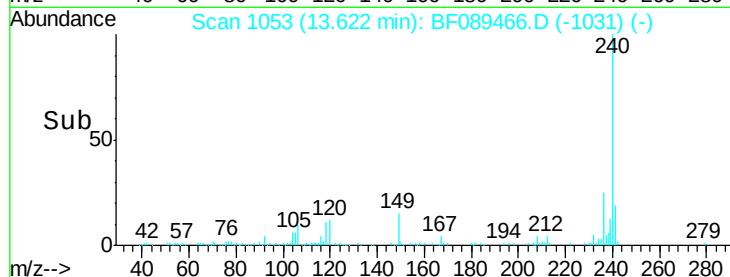
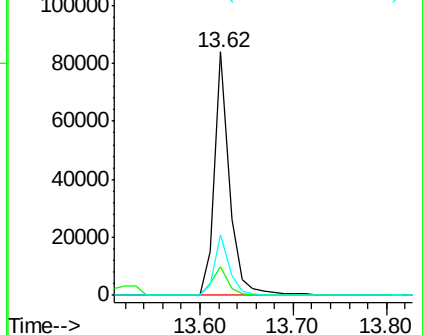
236 25.0 20.6 30.8



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: 82.90 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

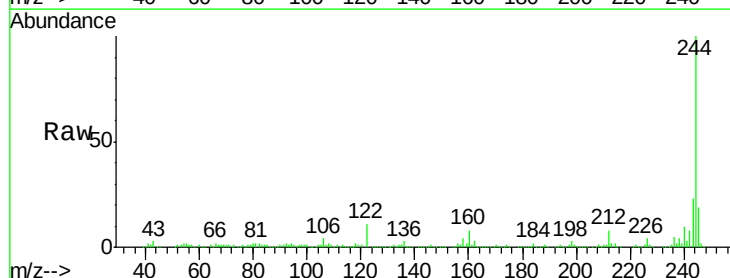
Tgt Ion:244 Resp: 332374

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

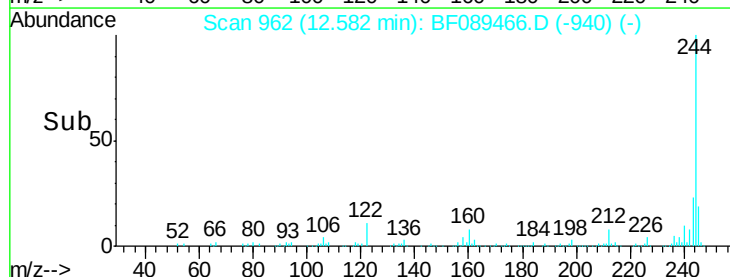
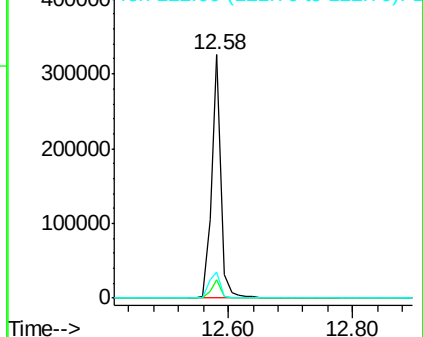
122 10.9 11.4 17.0#

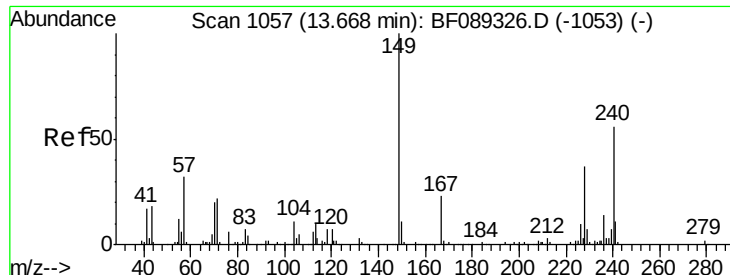


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 464.30 ng

RT: 13.53 min Scan# 1045

Delta R.T. -0.14 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Instrument :

BNA_F

ClientSampleId :

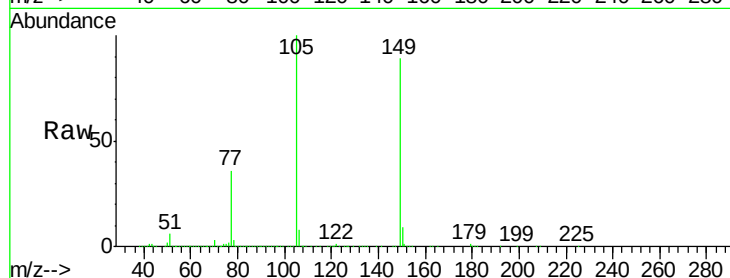
Tot Ion:149 Resp: 2170086

Ion Ratio Lower Upper

149 100

167 0.0 18.8 28.2#

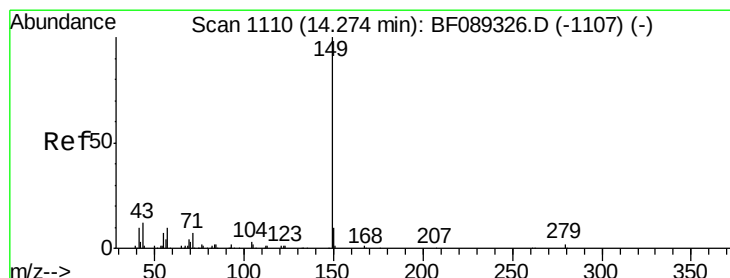
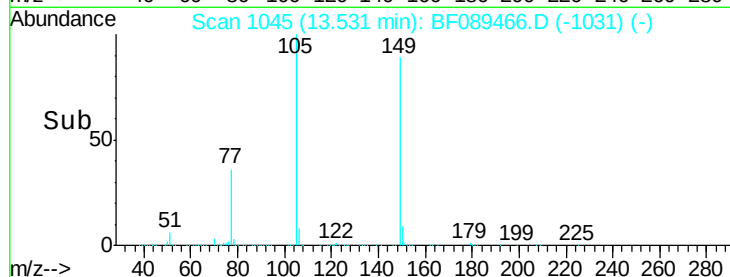
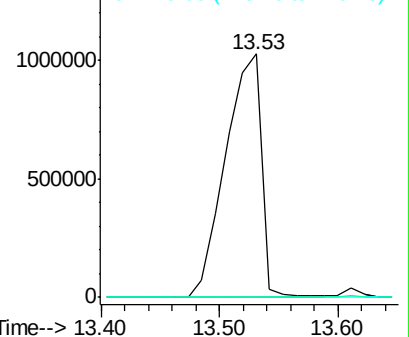
279 0.0 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 27.01 ng

RT: 14.26 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

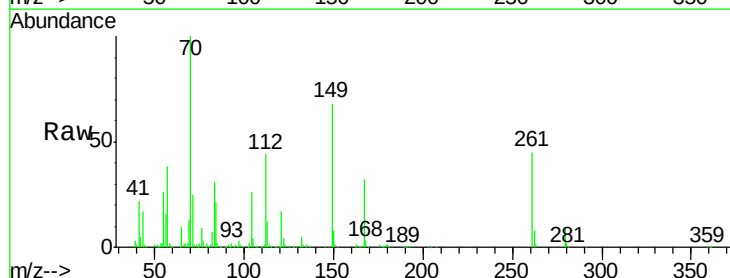
Tgt Ion:149 Resp: 196990

Ion Ratio Lower Upper

149 100

167 46.7 1.1 1.7#

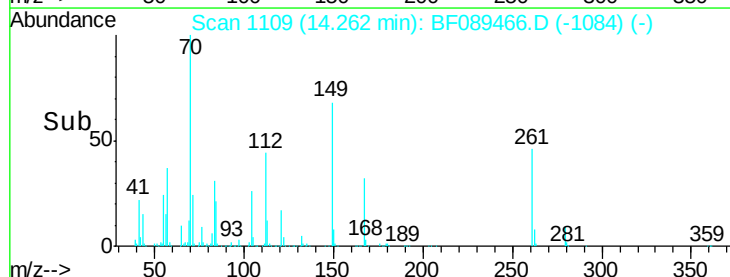
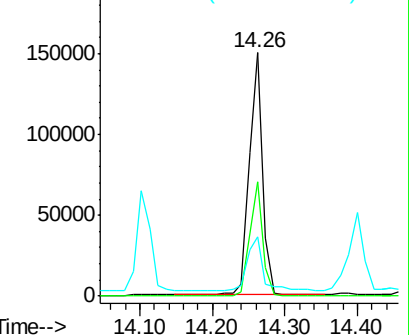
43 25.5 7.3 10.9#

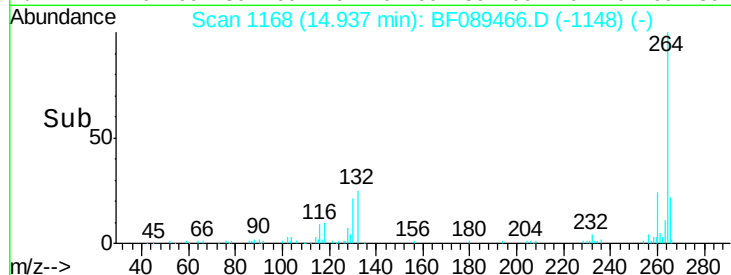
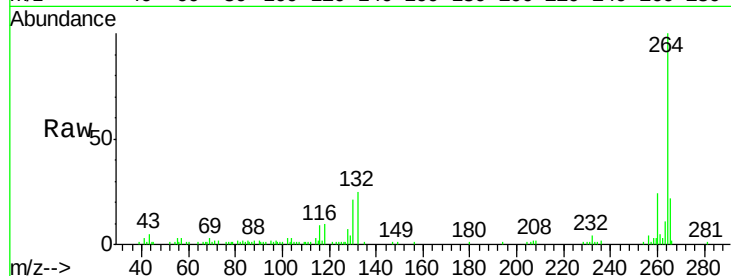
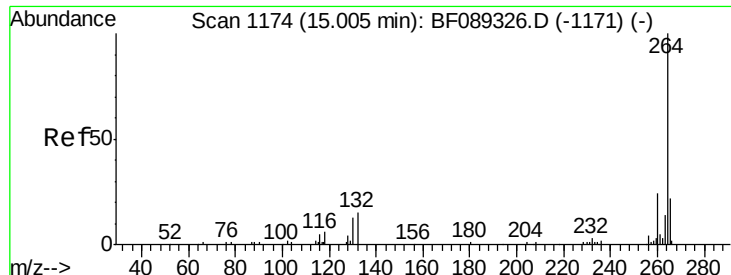


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF089466.D
Acq: 31 Jul 2016 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	81830
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.0 28.4
265	21.9	17.5 26.3

