

Data Path : Z:\HPCHEM1\BNA F\Data\BF110416\
 Data File : BF091022.D
 Acq On : 4 Nov 2016 14:23
 Operator : UM/SJ
 Sample : H5526-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 15:05:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

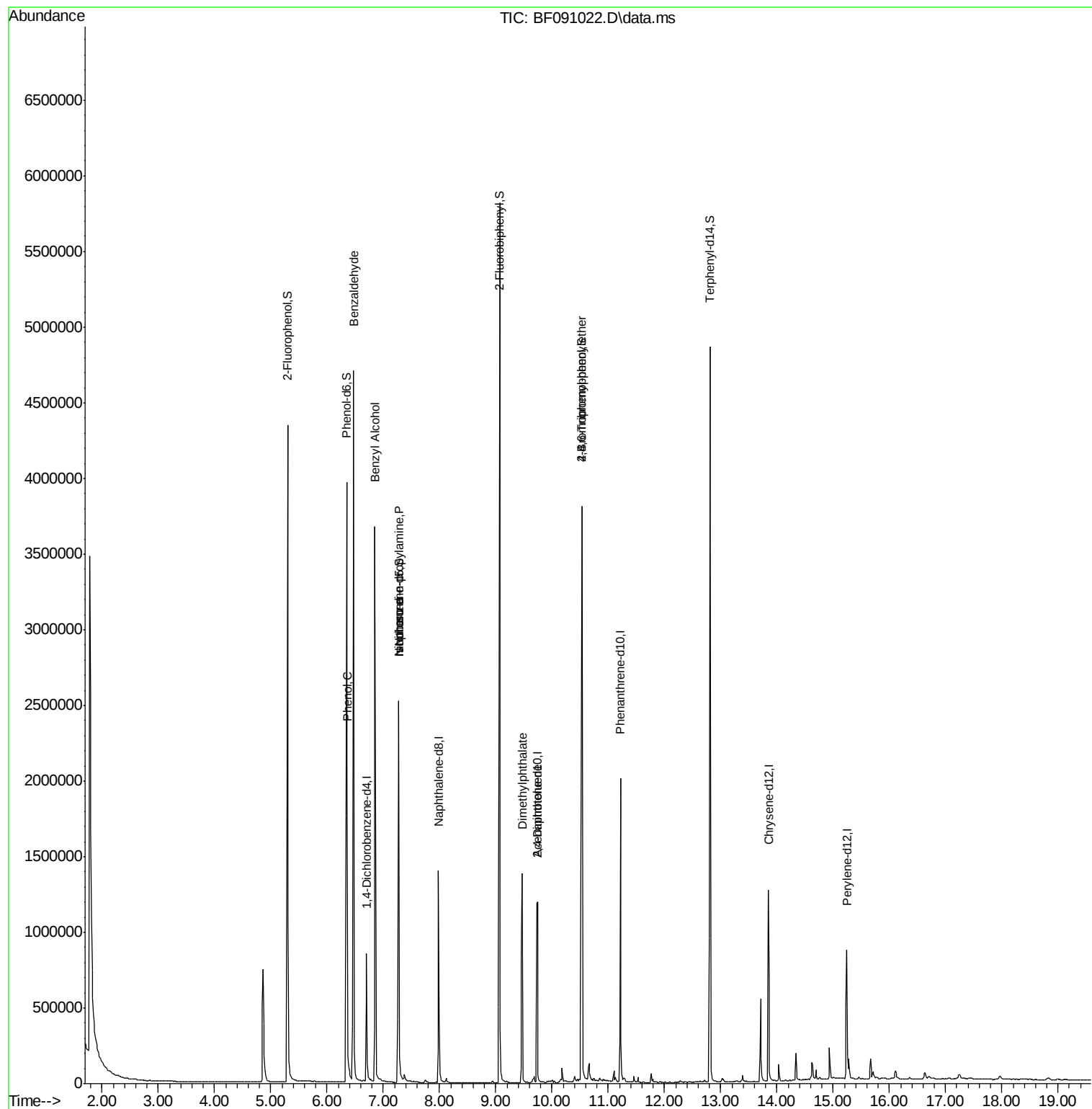
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.705	152	176053	20.00	ng	0.00
21) Naphthalene-d8	7.985	136	745427	20.00	ng	-0.01
38) Acenaphthene-d10	9.745	164	407919	20.00	ng	0.00
63) Phenanthrene-d10	11.219	188	701520	20.00	ng	-0.01
75) Chrysene-d12	13.848	240	504464	20.00	ng	-0.01
86) Perylene-d12	15.243	264	374836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1515184	142.14	ng	0.01
7) Phenol-d6	6.350	99	2111572	145.94	ng	0.00
23) Nitrobenzene-d5	7.276	82	1418642	103.82	ng	0.00
41) 2,4,6-Tribromophenol	10.534	330	564725	153.13	ng	0.00
44) 2-Fluorobiphenyl	9.071	172	2141074	90.36	ng	0.00
78) Terphenyl-d14	12.808	244	2239660	110.79	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.476	77	40372	5.03	ng	94
10) Phenol	6.362	94	34657	2.16	ng	# 73
15) Benzyl Alcohol	6.853	79	21304	2.09	ng	# 57
19) n-Nitroso-di-n-propyla...	7.276	70	192657	19.21	ng	# 73
25) Isophorone	7.276	82	1291356	49.04	ng	# 67
49) Dimethylphthalate	9.471	163	746819	27.92	ng	98
56) 2,4-Dinitrotoluene	9.745	165	51959	7.12	ng	# 26
66) 4-Bromophenyl-phenylether	10.534	248	39982	5.48	ng	# 1

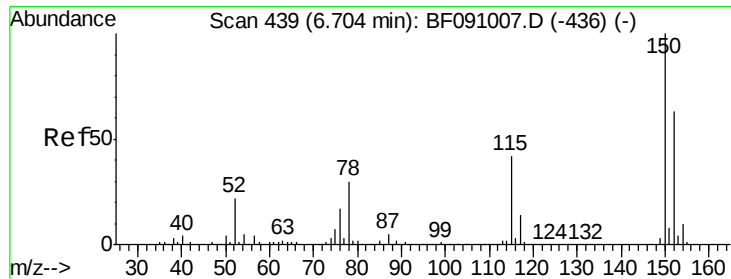
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.705 min Scan# 43

Delta R.T. 0.000 min

Lab File: BF091022.D

Acq: 4 Nov 2016 14:23

Instrument :

BNA_F

ClientSampleId :

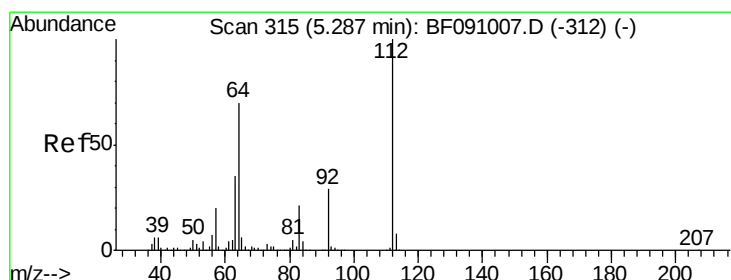
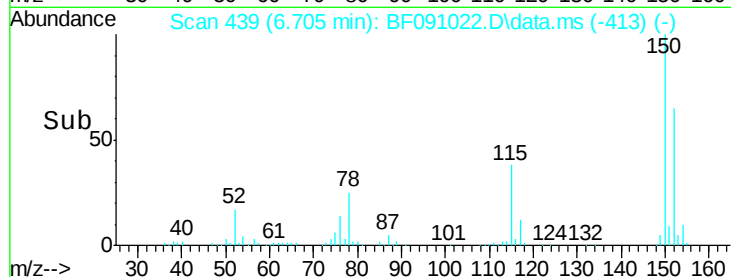
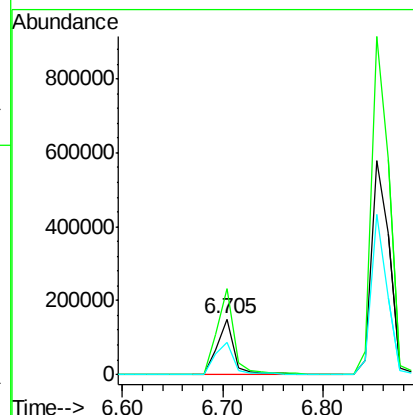
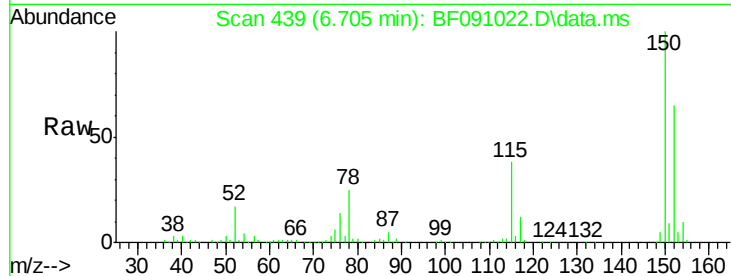
Tot Ion:152 Resp: 176053

Ion Ratio Lower Upper

152 100

150 154.9 126.8 190.2

115 58.4 53.3 79.9



#5

2-Fluorophenol

Concen: 142.14 ng

RT: 5.299 min Scan# 316

Delta R.T. 0.012 min

Lab File: BF091022.D

Acq: 4 Nov 2016 14:23

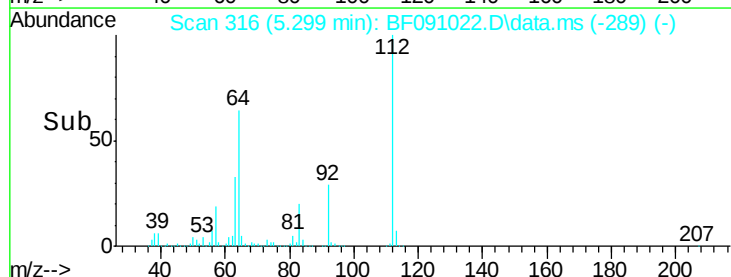
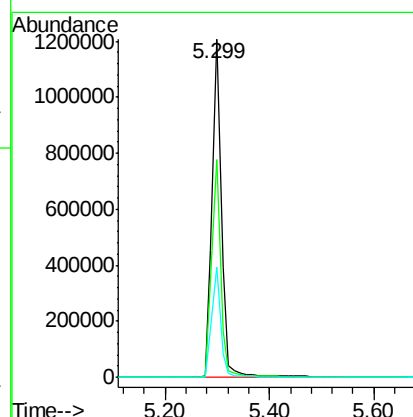
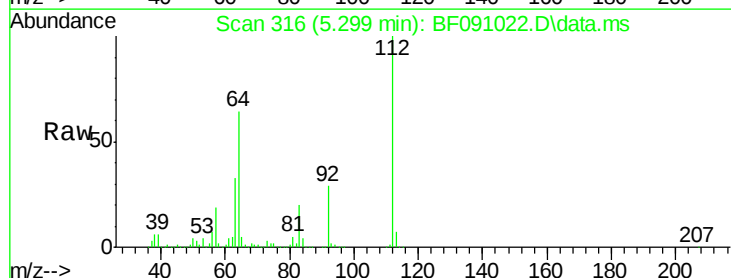
Tgt Ion:112 Resp: 1515184

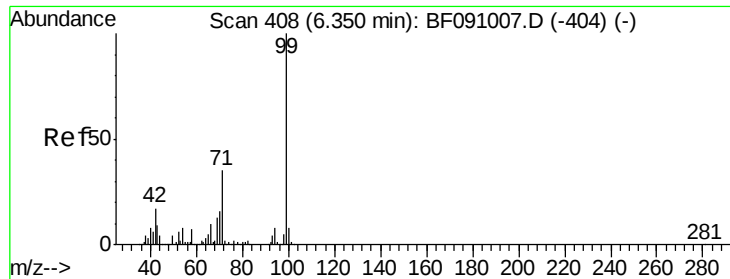
Ion Ratio Lower Upper

112 100

64 64.3 55.8 83.6

63 32.7 28.0 42.0





#7

Phenol-d6

Concen: 145.94 ng

RT: 6.350 min Scan# 40

Delta R.T. 0.000 min

Lab File: BF091022.D

Acq: 4 Nov 2016 14:23

Instrument :

BNA_F

ClientSampled :

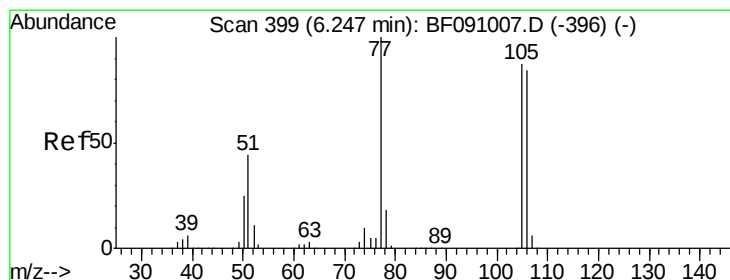
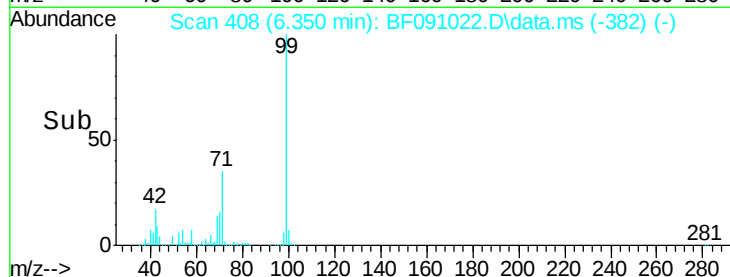
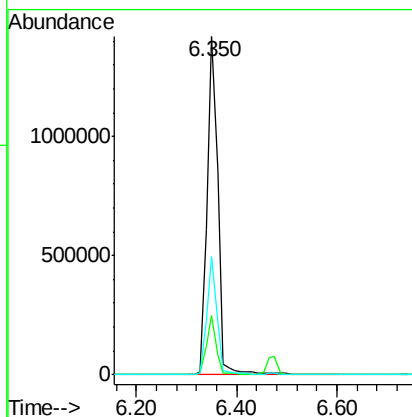
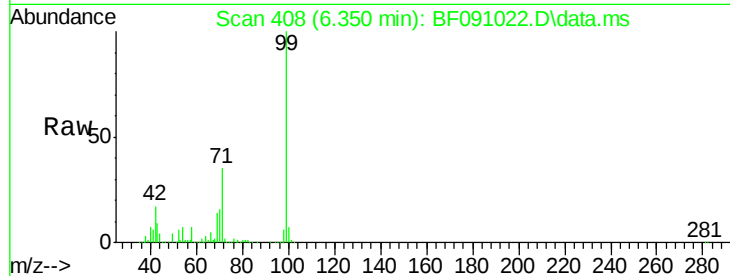
Tot Ion: 99 Resp: 2111572

Ion Ratio Lower Upper

99 100

42 17.3 13.9 20.9

71 35.1 27.8 41.8



#9

Benzaldehyde

Concen: 5.03 ng

RT: 6.476 min Scan# 419

Delta R.T. 0.229 min

Lab File: BF091022.D

Acq: 4 Nov 2016 14:23

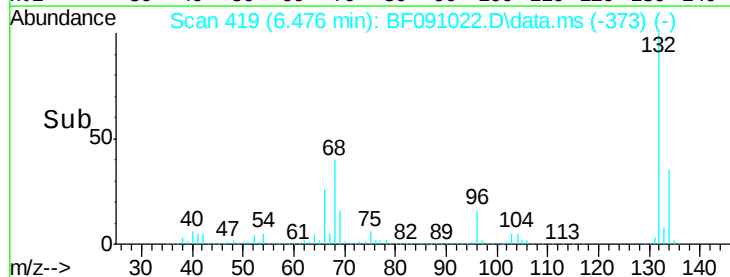
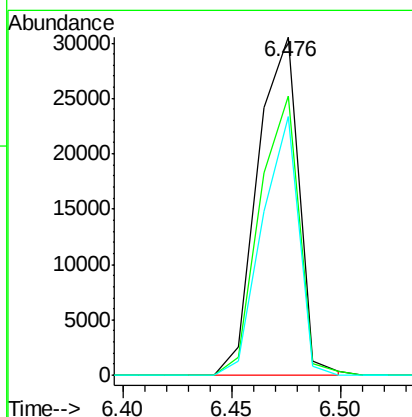
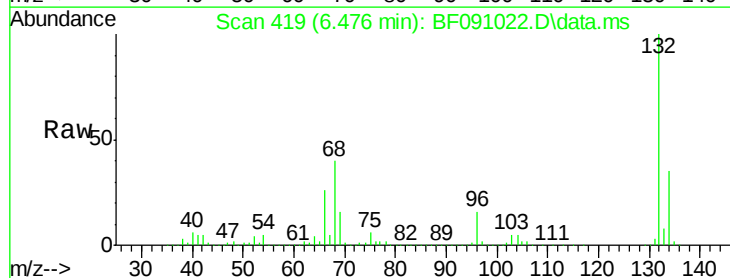
Tgt Ion: 77 Resp: 40372

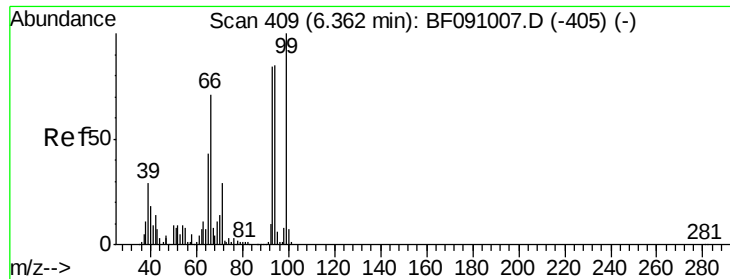
Ion Ratio Lower Upper

77 100

105 82.4 66.8 106.8

106 76.7 64.0 104.0





#10

Phenol

Concen: 2.16 ng

RT: 6.362 min Scan# 409

Delta R.T. 0.000 min

Lab File: BF091022.D

Acq: 4 Nov 2016 14:23

Instrument :

BNA_F

ClientSampleId :

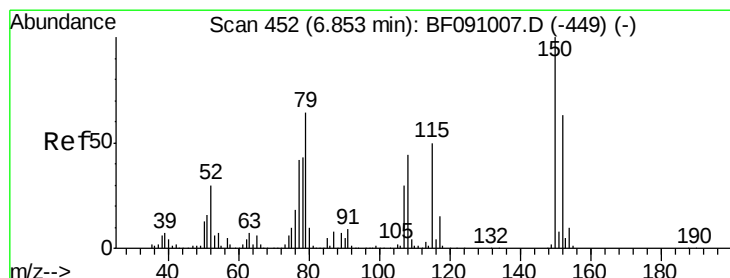
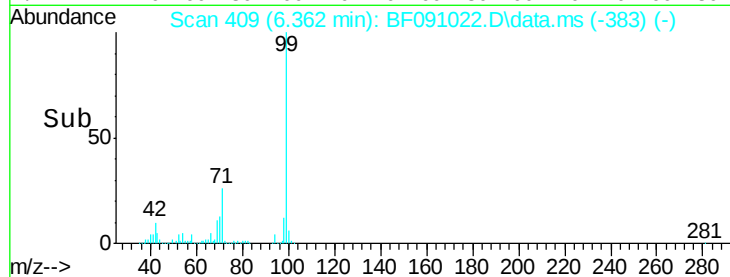
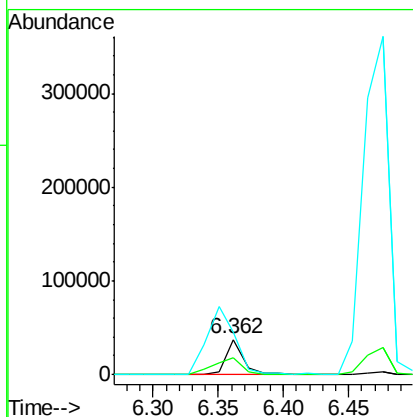
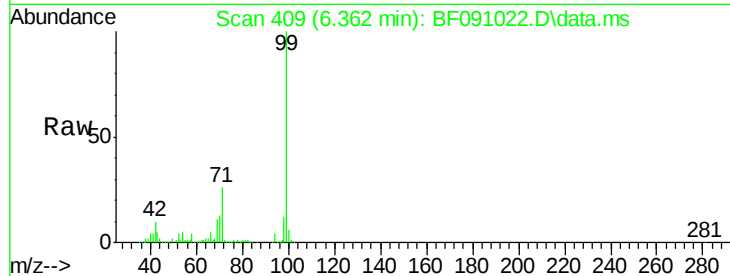
Tot Ion: 94 Resp: 34657

Ion Ratio Lower Upper

94 100

65 48.4 30.4 70.4

66 120.9 62.9 102.9#



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.853 min Scan# 452

Delta R.T. 0.000 min

Lab File: BF091022.D

Acq: 4 Nov 2016 14:23

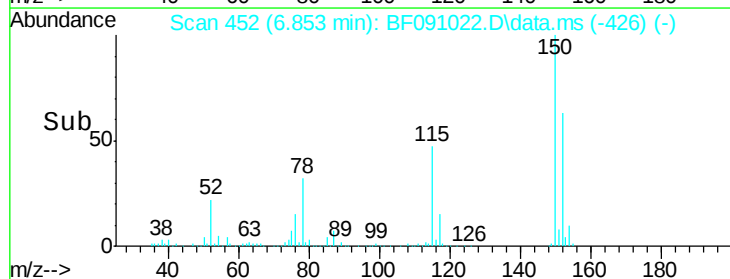
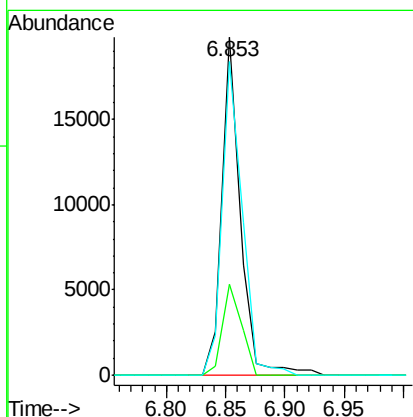
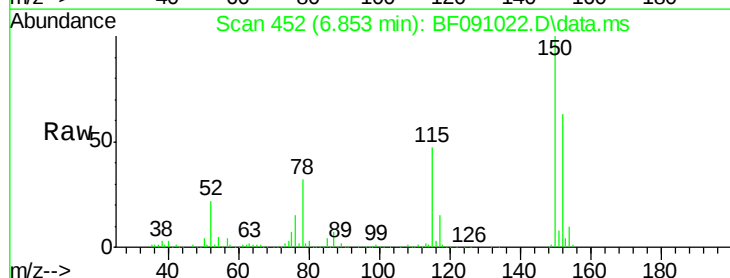
Tgt Ion: 79 Resp: 21304

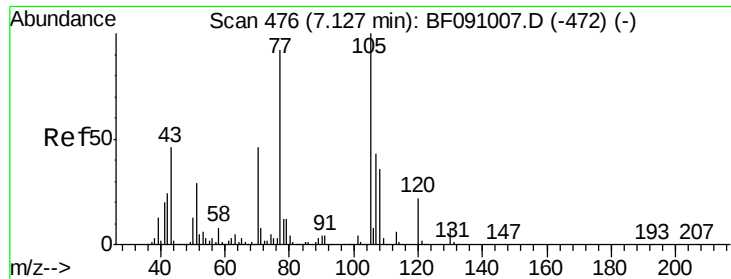
Ion Ratio Lower Upper

79 100

108 26.7 55.7 83.5#

77 92.7 52.6 79.0#

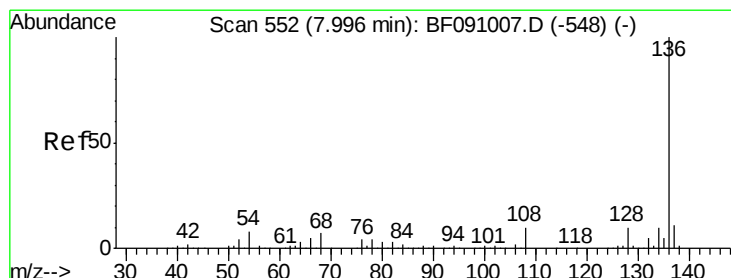
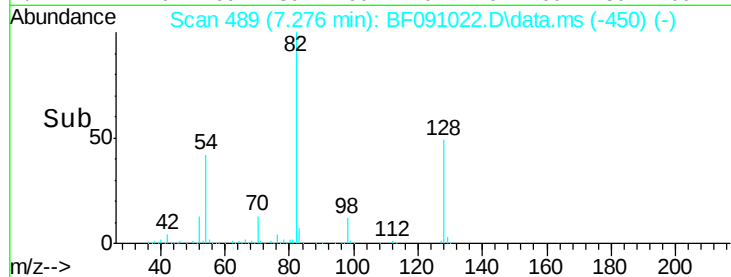
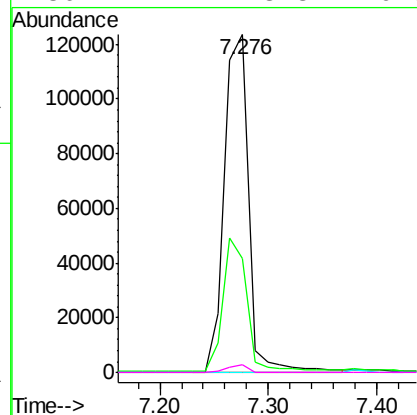
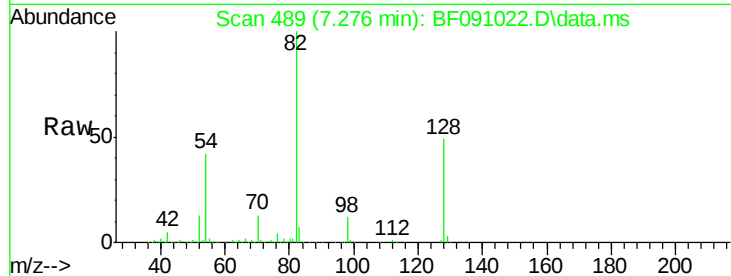




#19
n-Nitroso-di-n-propylamine
Concen: 19.21 ng
RT: 7.276 min Scan# 48
Delta R.T. 0.149 min
Lab File: BF091022.D
Acq: 4 Nov 2016 14:23

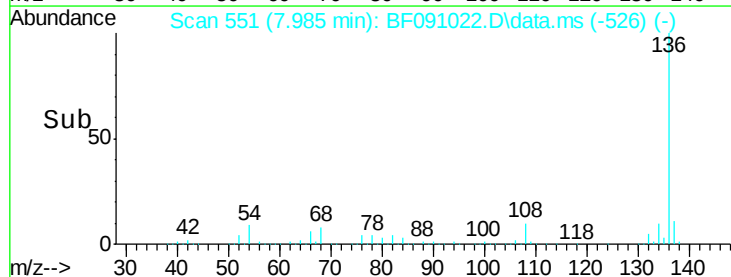
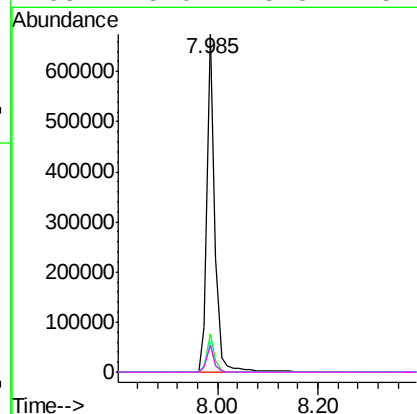
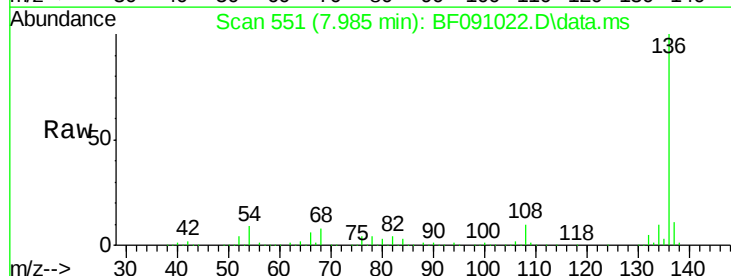
Instrument :
BNA_F
ClientSampleId :

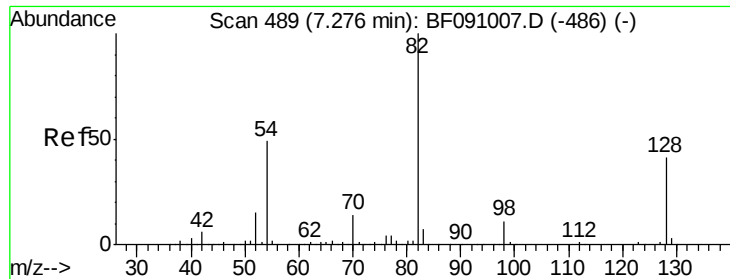
Tot Ion: 70 Resp: 192657
Ion Ratio Lower Upper
70 100
42 33.9 41.7 62.5#
101 0.0 6.7 10.1#
130 2.4 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.985 min Scan# 551
Delta R.T. -0.011 min
Lab File: BF091022.D
Acq: 4 Nov 2016 14:23

Tgt Ion: 136 Resp: 745427
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.0 6.2 9.2
68 8.0 5.5 8.3





#23

Nitrobenzene-d5

Concen: 103.82 ng

RT: 7.276 min Scan# 489

Delta R.T. 0.000 min

Lab File: BF091022.D

Acq: 4 Nov 2016 14:23

Instrument :

BNA_F

ClientSampleId :

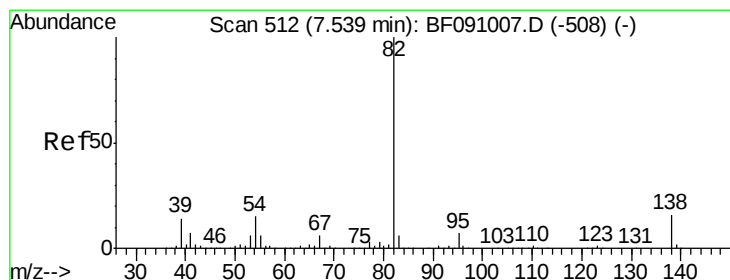
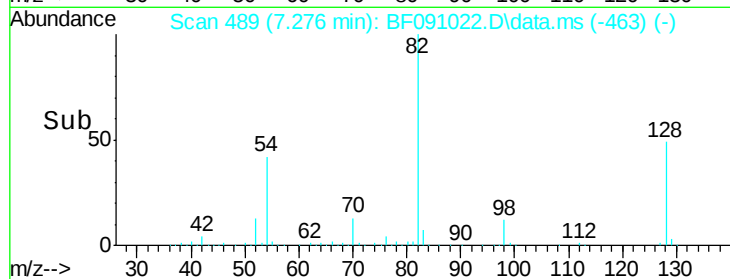
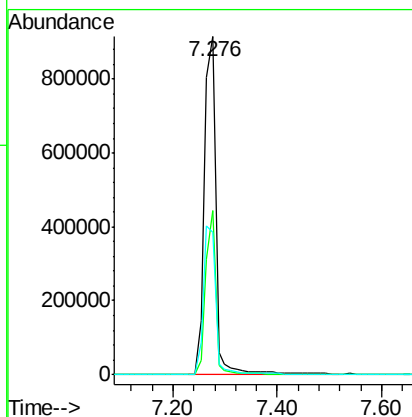
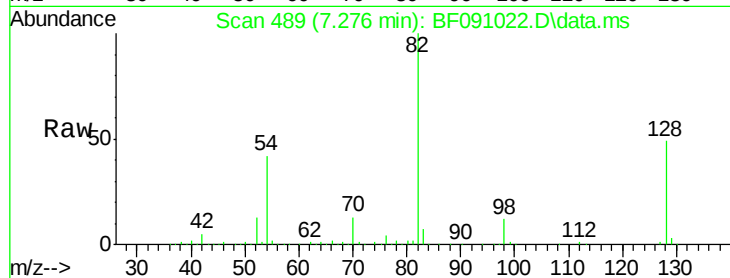
Tot Ion: 82 Resp: 1418642

Ion Ratio Lower Upper

82 100

128 48.5 32.4 48.6

54 42.1 39.2 58.8



#25

Isophorone

Concen: 49.04 ng

RT: 7.276 min Scan# 489

Delta R.T. -0.263 min

Lab File: BF091022.D

Acq: 4 Nov 2016 14:23

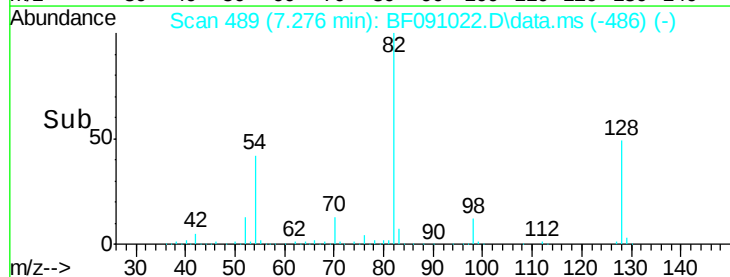
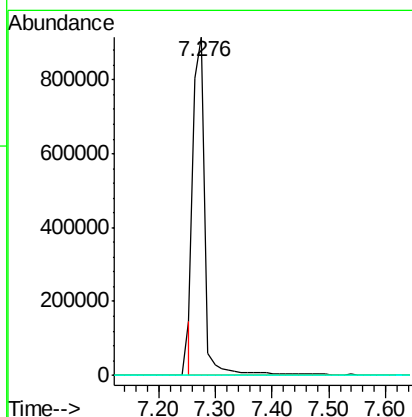
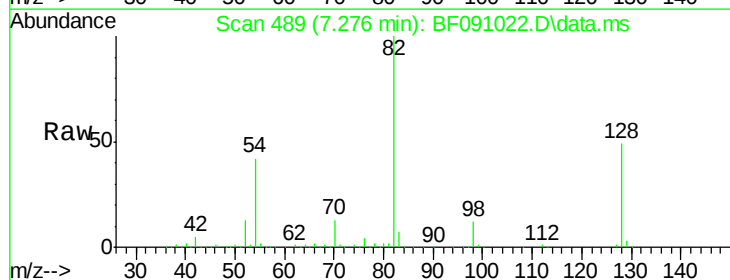
Tgt Ion: 82 Resp: 1291356

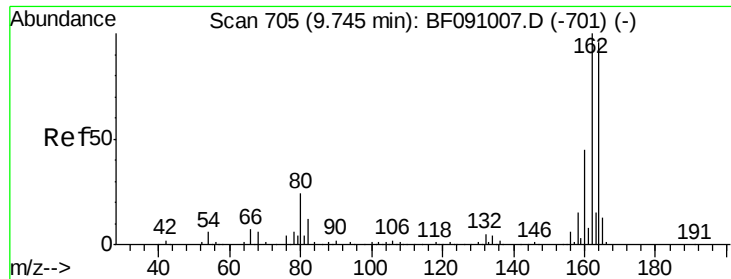
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 13.0 19.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF091022.D

Acq: 4 Nov 2016 14:23

Instrument :

BNA_F

ClientSampleId :

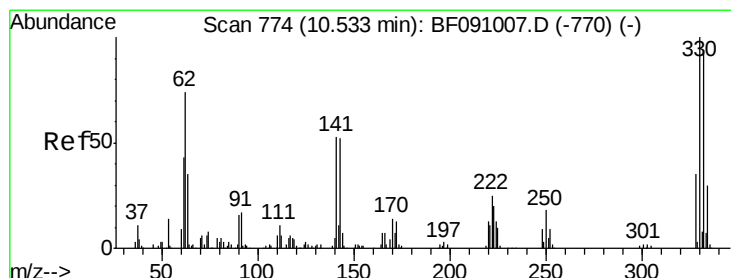
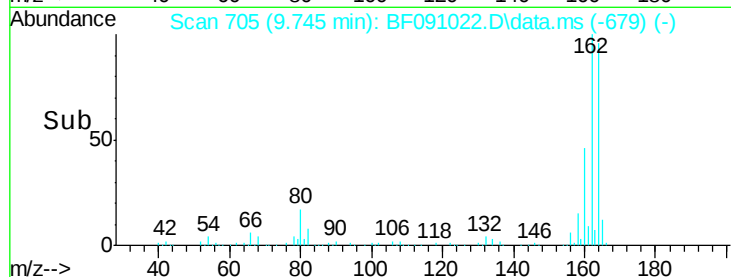
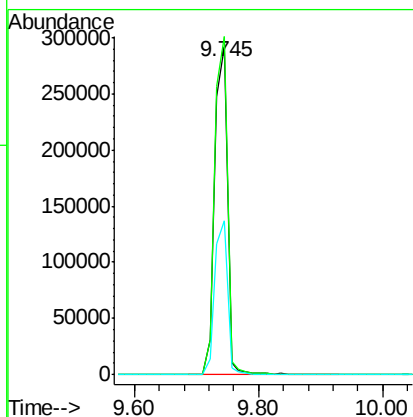
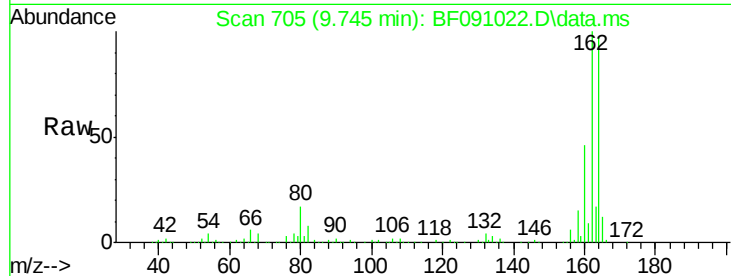
Tot Ion:164 Resp: 407919

Ion Ratio Lower Upper

164 100

162 103.1 83.6 125.4

160 47.1 37.9 56.9



#41

2,4,6-Tribromophenol

Concen: 153.13 ng

RT: 10.534 min Scan# 774

Delta R.T. 0.001 min

Lab File: BF091022.D

Acq: 4 Nov 2016 14:23

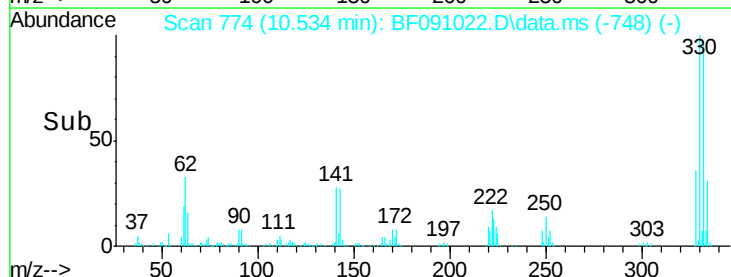
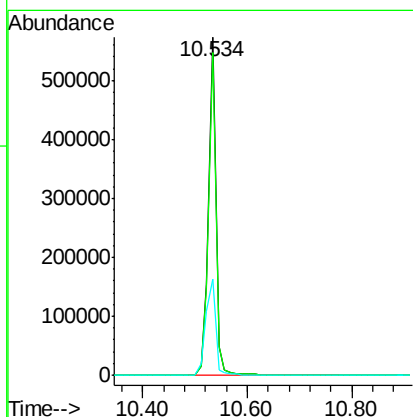
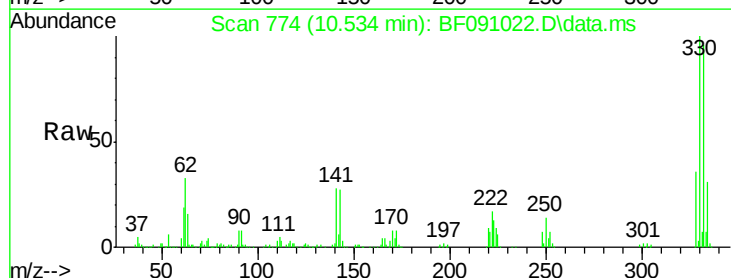
Tgt Ion:330 Resp: 564725

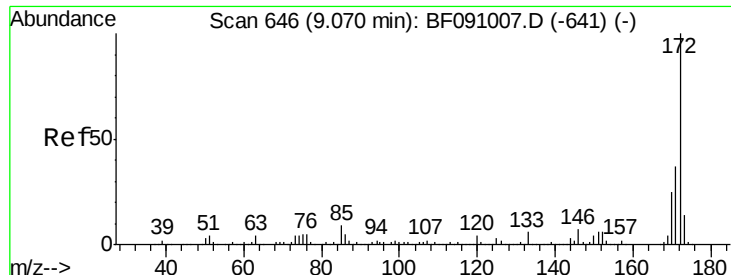
Ion Ratio Lower Upper

330 100

332 95.9 75.9 113.9

141 37.8 36.1 54.1

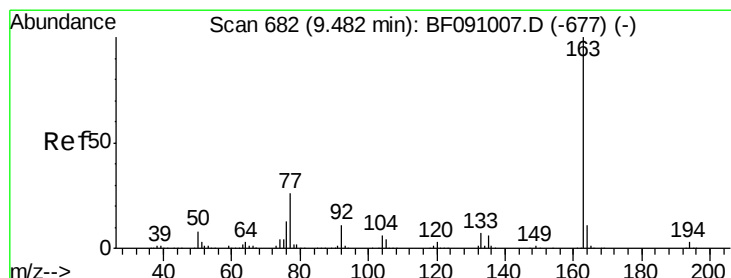
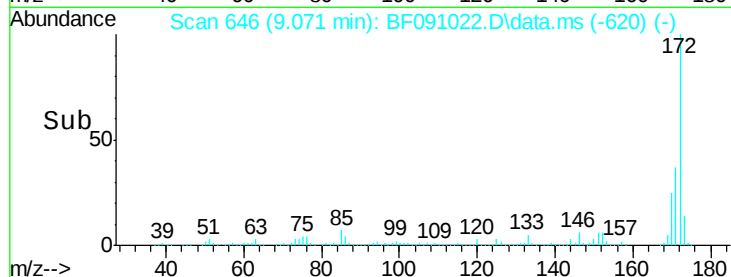
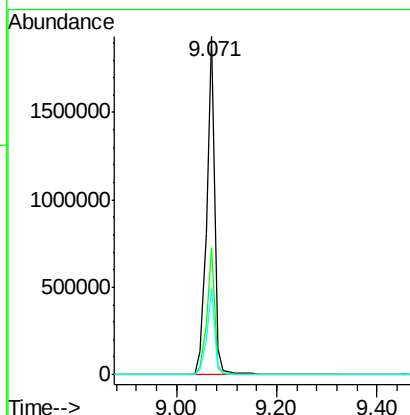
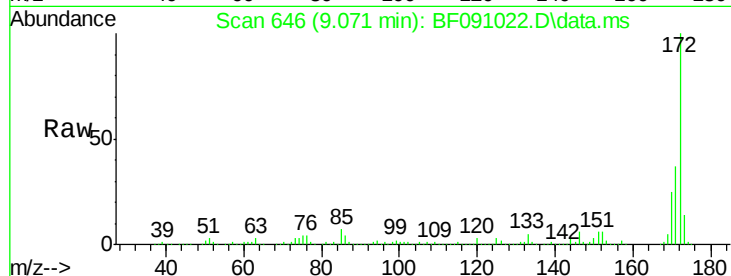




#44
2-Fluorobiphenyl
Concen: 90.36 ng
RT: 9.071 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF091022.D
Acq: 4 Nov 2016 14:23

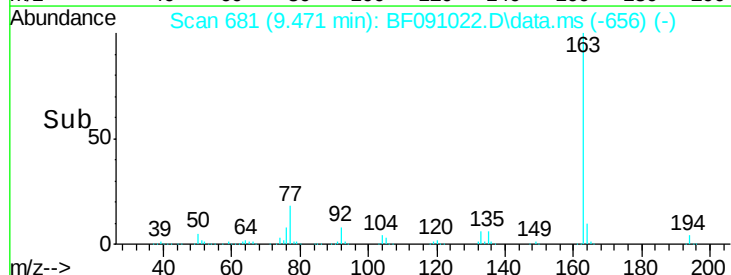
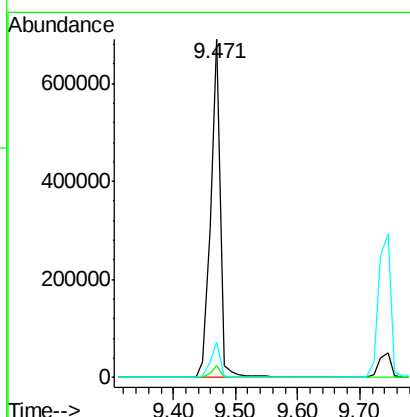
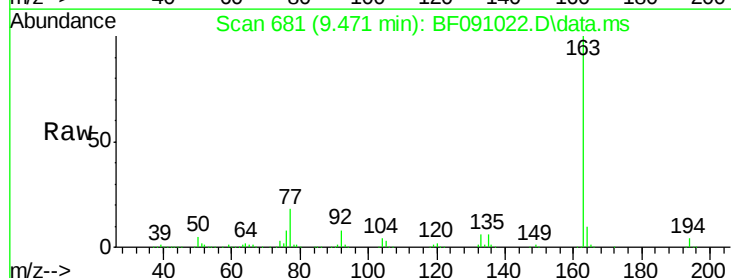
Instrument :
BNA_F
ClientSampleId :

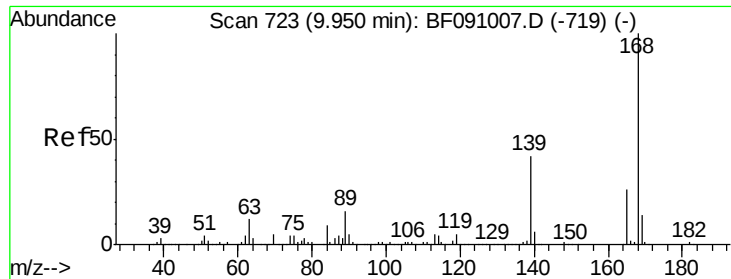
Tot Ion:172 Resp: 2141074
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 25.4 20.3 30.5



#49
Dimethylphthalate
Concen: 27.92 ng
RT: 9.471 min Scan# 681
Delta R.T. -0.011 min
Lab File: BF091022.D
Acq: 4 Nov 2016 14:23

Tgt Ion:163 Resp: 746819
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.1 8.7 13.1

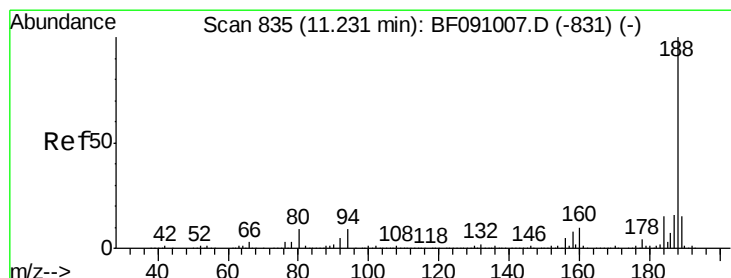
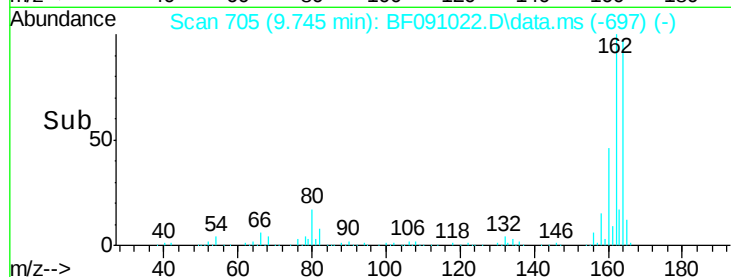
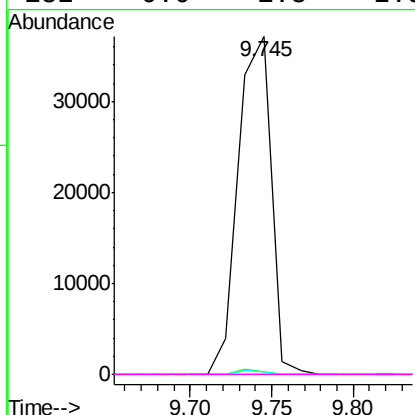
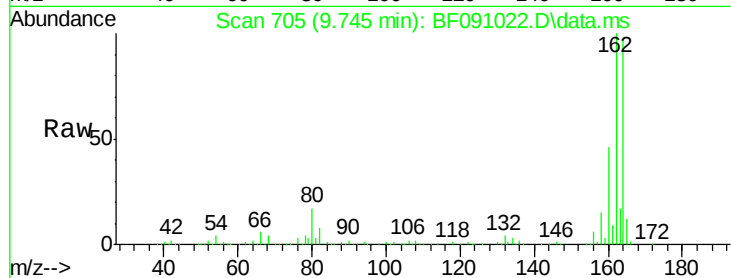




#56
 2,4-Dinitrotoluene
 Concen: 7.12 ng
 RT: 9.745 min Scan# 70
 Delta R.T. -0.206 min
 Lab File: BF091022.D
 Acq: 4 Nov 2016 14:23

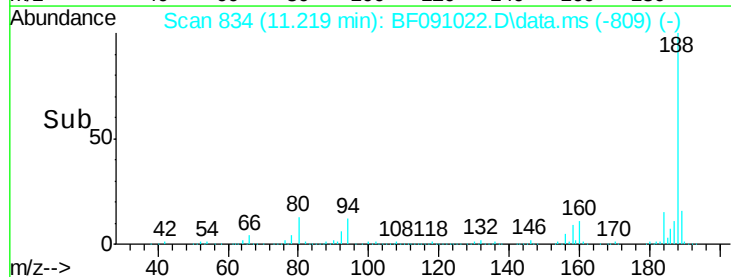
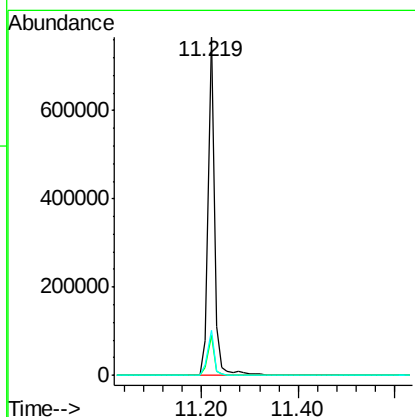
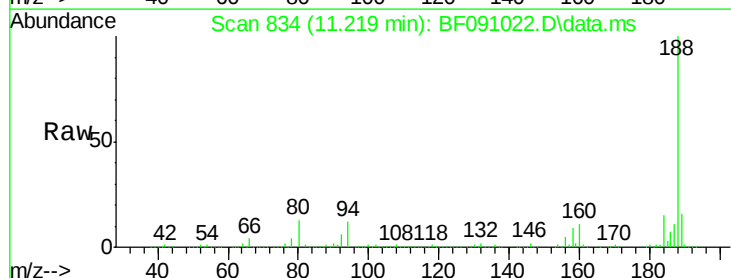
Instrument :
 BNA_F
 ClientSampleId :

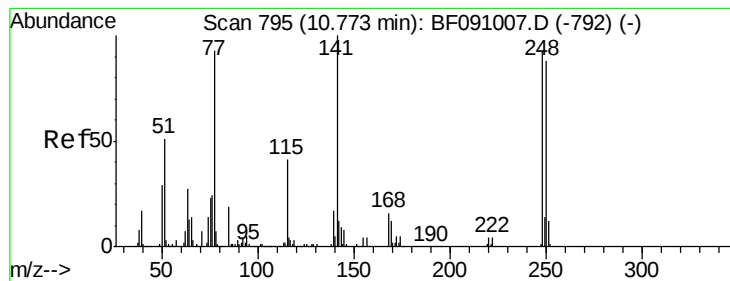
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.7	58.1#
89	1.0	50.6	76.0#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.219 min Scan# 834
 Delta R.T. -0.011 min
 Lab File: BF091022.D
 Acq: 4 Nov 2016 14:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	7.0	10.4#
80	13.5	7.5	11.3#





#66

4-Bromophenyl-phenylether

Concen: 5.48 ng

RT: 10.534 min Scan# 77

Delta R.T. -0.240 min

Lab File: BF091022.D

Acq: 4 Nov 2016 14:23

Instrument :

BNA_F

ClientSampleId :

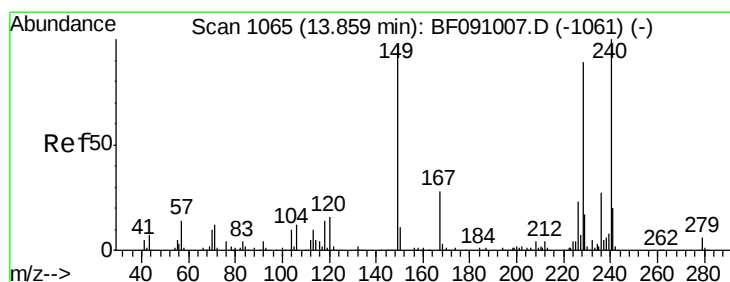
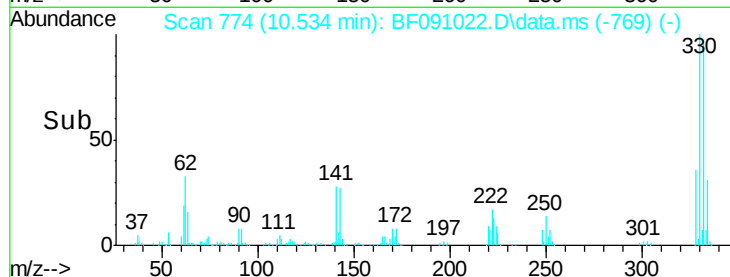
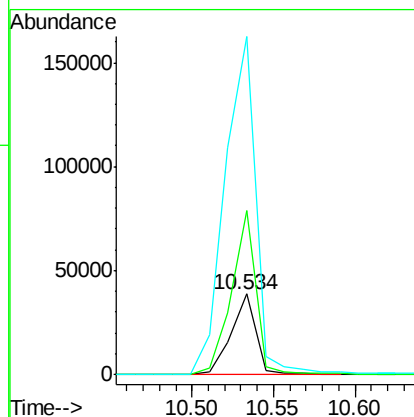
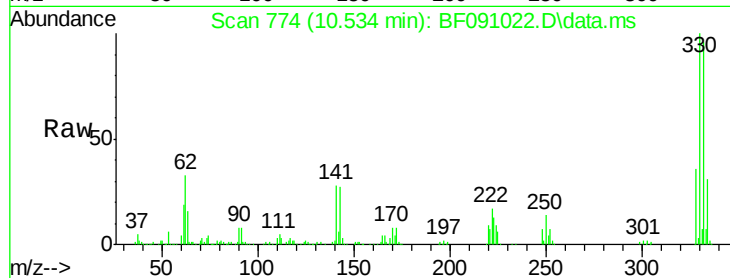
Tot Ion:248 Resp: 39982

Ion Ratio Lower Upper

248 100

250 204.0 76.3 114.5#

141 419.8 86.8 130.2#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.848 min Scan# 1064

Delta R.T. -0.011 min

Lab File: BF091022.D

Acq: 4 Nov 2016 14:23

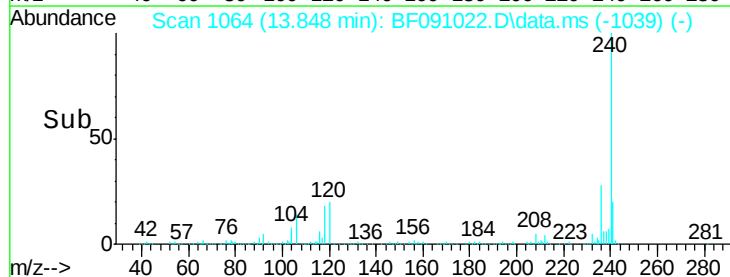
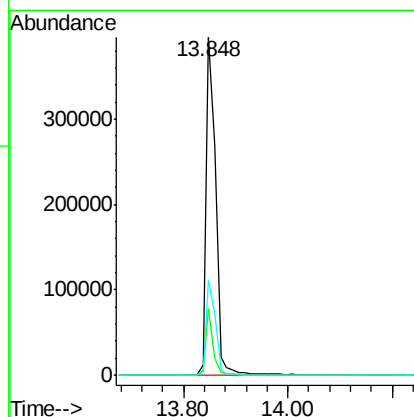
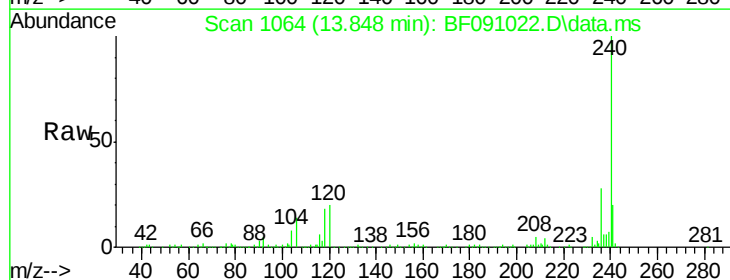
Tgt Ion:240 Resp: 504464

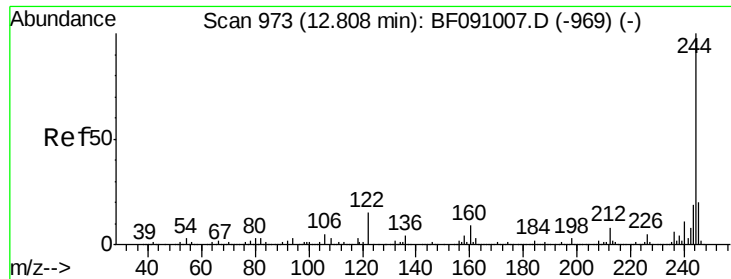
Ion Ratio Lower Upper

240 100

120 19.6 12.9 19.3#

236 27.9 21.9 32.9

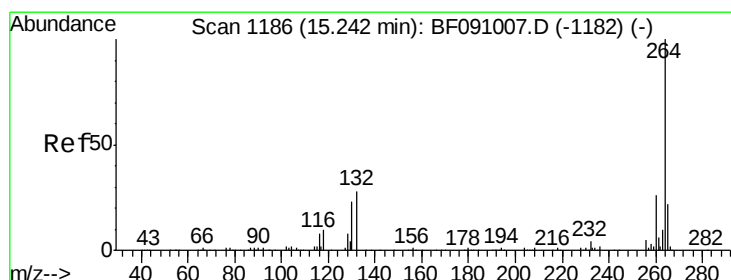
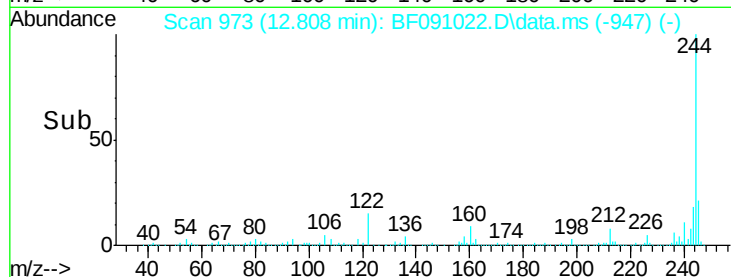
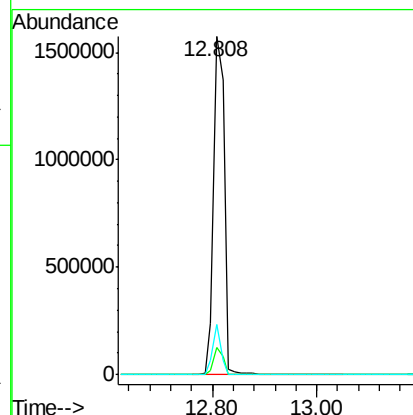
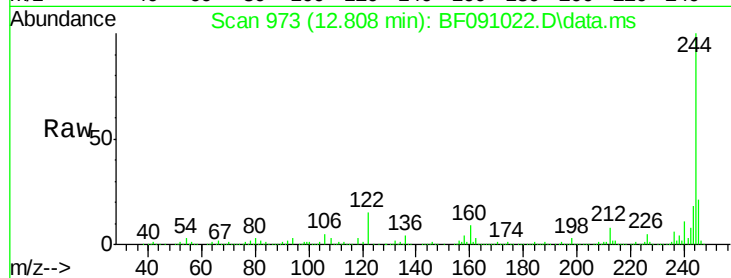




#78
 Terphenyl-d14
 Concen: 110.79 ng
 RT: 12.808 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: BF091022.D
 Acq: 4 Nov 2016 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2239660
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 14.7 12.3 18.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.243 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: BF091022.D
 Acq: 4 Nov 2016 14:23

Tgt Ion:264 Resp: 374836
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.6 30.8
 265 21.5 17.8 26.8

