

Data Path : Z:\HPCHEM1\BNA F\Data\BF110416\
 Data File : BF091024.D
 Acq On : 4 Nov 2016 15:17
 Operator : UM/SJ
 Sample : H5526-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 15:05:36 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

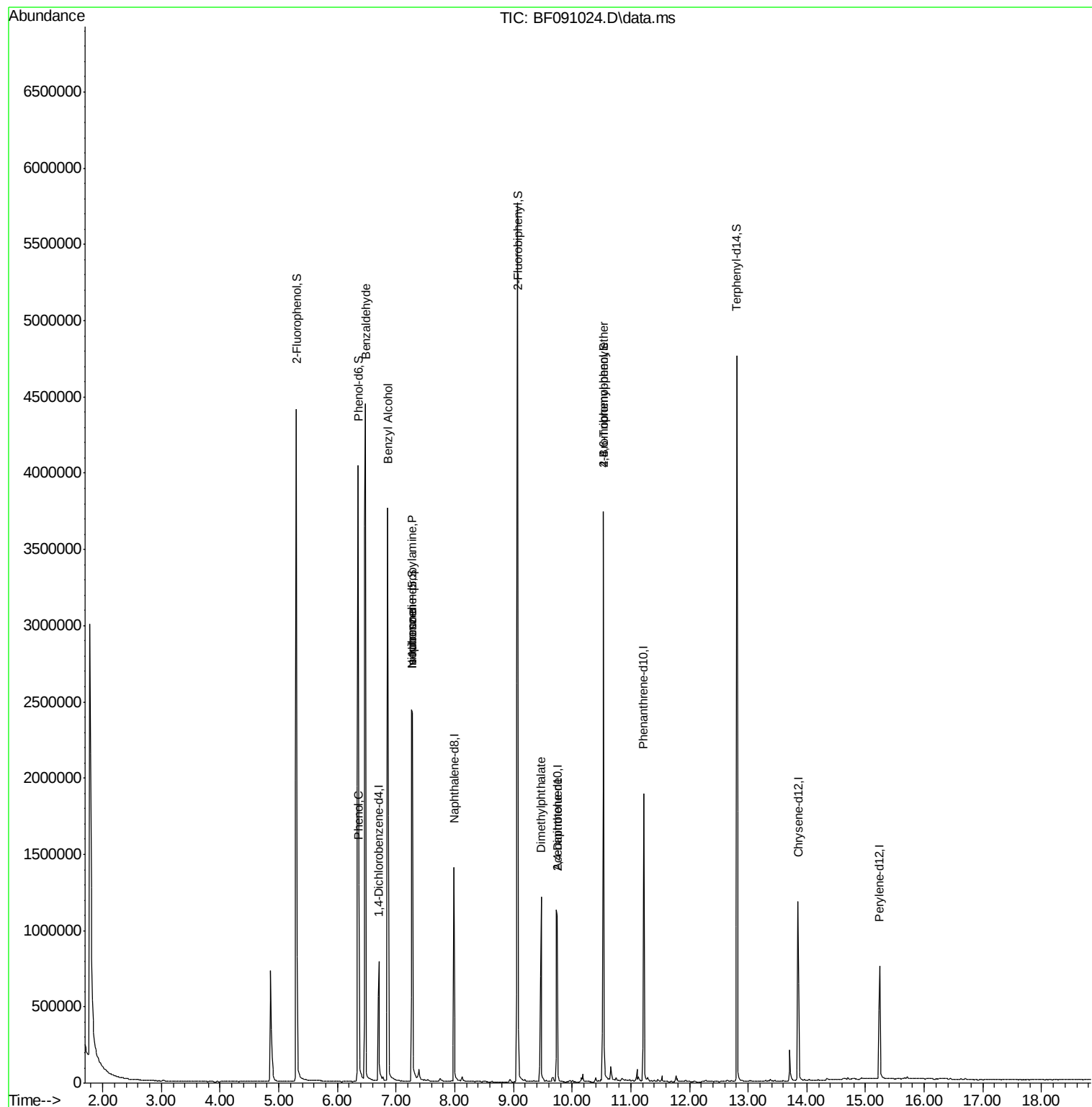
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.704	152	168179	20.00	ng	0.00
21) Naphthalene-d8	7.985	136	732142	20.00	ng	-0.01
38) Acenaphthene-d10	9.745	164	378544	20.00	ng	0.00
63) Phenanthrene-d10	11.219	188	651010	20.00	ng	-0.01
75) Chrysene-d12	13.848	240	463796	20.00	ng	-0.01
86) Perylene-d12	15.242	264	336494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1489380	146.26	ng	0.01
7) Phenol-d6	6.350	99	1945520	140.76	ng	0.00
23) Nitrobenzene-d5	7.276	82	1470955	109.60	ng	0.00
41) 2,4,6-Tribromophenol	10.533	330	551226	161.07	ng	0.00
44) 2-Fluorobiphenyl	9.070	172	2107157	95.83	ng	0.00
78) Terphenyl-d14	12.808	244	1772989	95.40	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.476	77	41411	5.40	ng	90
10) Phenol	6.362	94	35891	2.35	ng	94
15) Benzyl Alcohol	6.853	79	21726	2.23	ng	# 57
19) n-Nitroso-di-n-propyla...	7.264	70	201162	21.00	ng	# 81
25) Isophorone	7.276	82	1325651	51.26	ng	# 67
49) Dimethylphthalate	9.470	163	640805	25.82	ng	98
56) 2,4-Dinitrotoluene	9.745	165	48325	7.14	ng	# 26
66) 4-Bromophenyl-phenylether	10.533	248	38995	5.76	ng	# 1

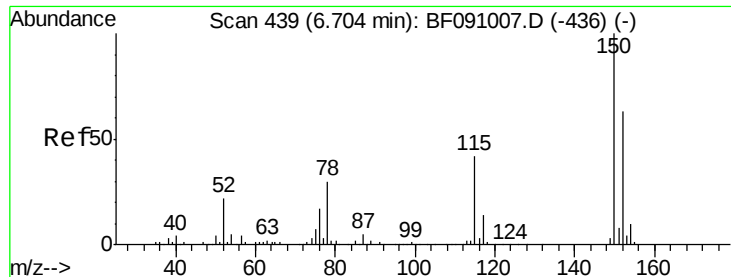
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.704 min Scan# 43

Delta R.T. 0.000 min

Lab File: BF091024.D

Acq: 4 Nov 2016 15:17

Instrument :

BNA_F

ClientSampleId :

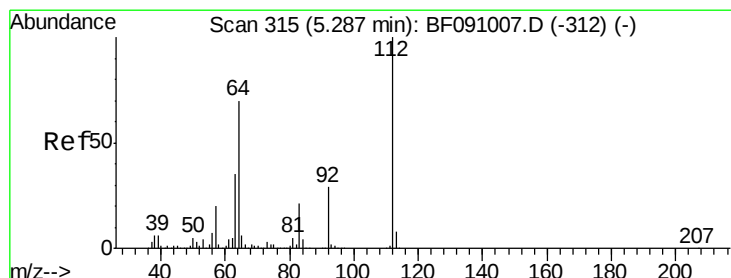
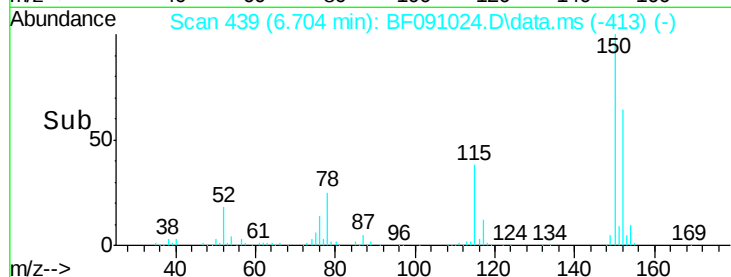
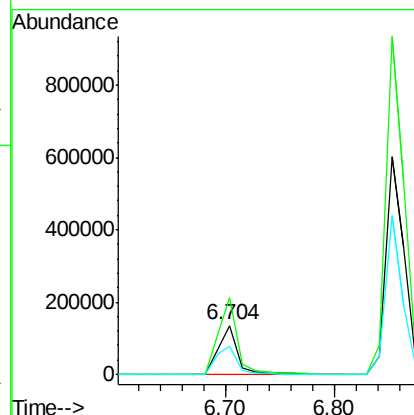
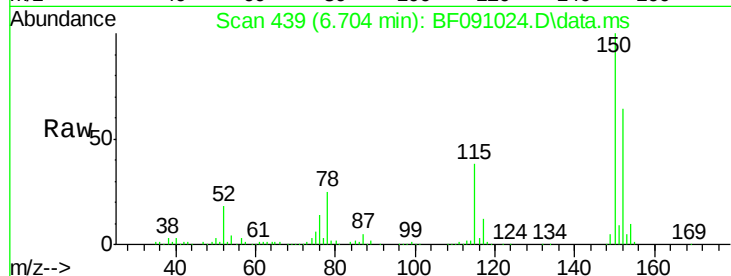
Tot Ion:152 Resp: 168179

Ion Ratio Lower Upper

152 100

150 156.1 126.8 190.2

115 58.9 53.3 79.9



#5

2-Fluorophenol

Concen: 146.26 ng

RT: 5.299 min Scan# 316

Delta R.T. 0.011 min

Lab File: BF091024.D

Acq: 4 Nov 2016 15:17

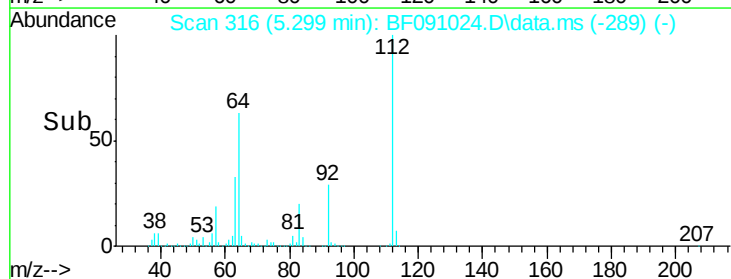
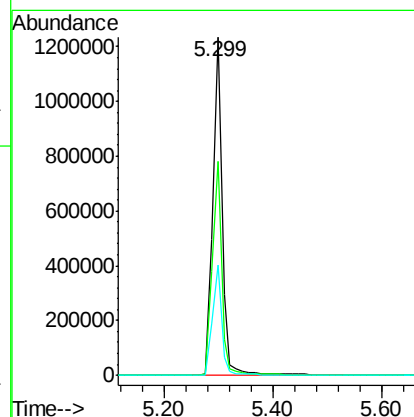
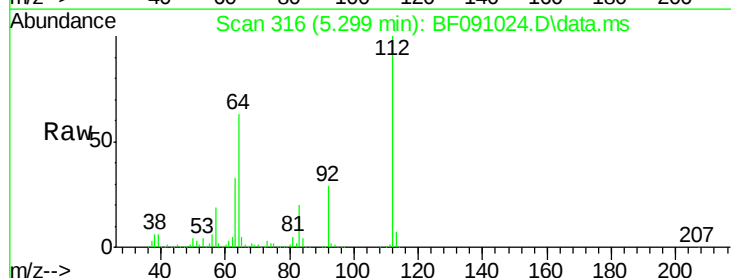
Tgt Ion:112 Resp: 1489380

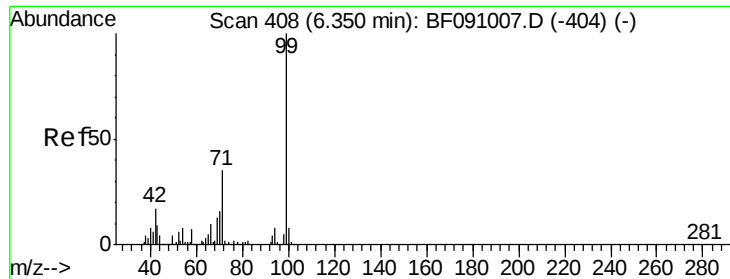
Ion Ratio Lower Upper

112 100

64 63.4 55.8 83.6

63 32.6 28.0 42.0





#7

Phenol-d6

Concen: 140.76 ng

RT: 6.350 min Scan# 408

Delta R.T. 0.000 min

Lab File: BF091024.D

Acq: 4 Nov 2016 15:17

Instrument :

BNA_F

ClientSampled :

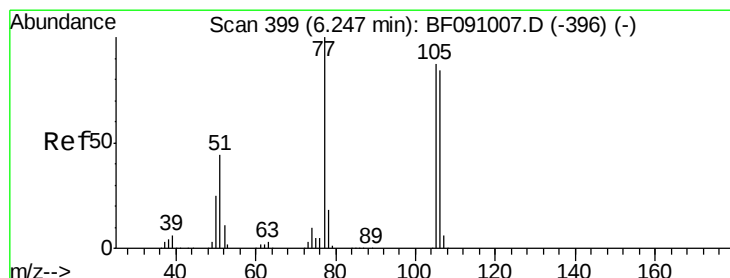
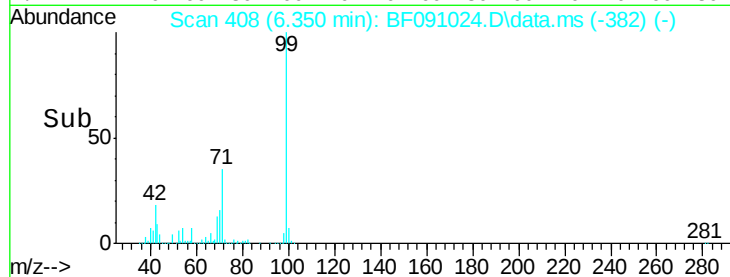
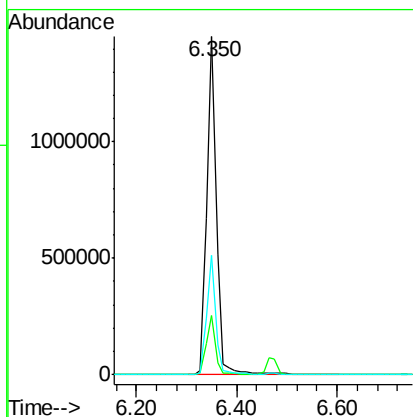
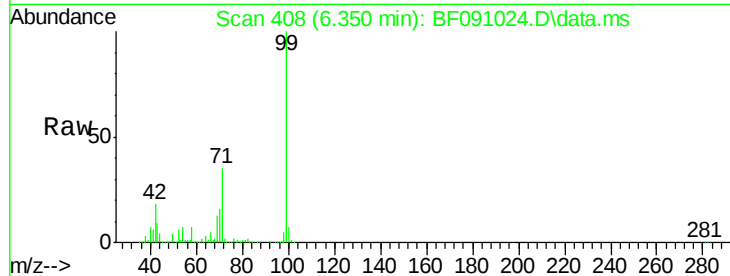
Tot Ion: 99 Resp: 194520

Ion Ratio Lower Upper

99 100

42 17.6 13.9 20.9

71 35.2 27.8 41.8



#9

Benzaldehyde

Concen: 5.40 ng

RT: 6.476 min Scan# 419

Delta R.T. 0.229 min

Lab File: BF091024.D

Acq: 4 Nov 2016 15:17

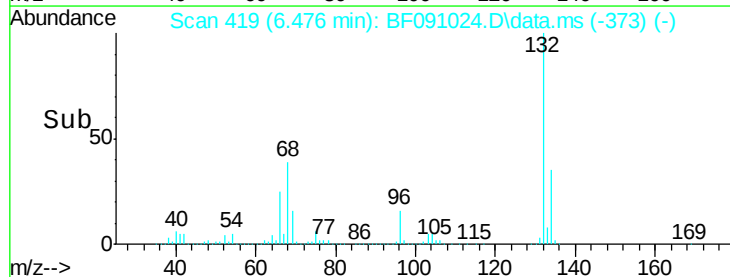
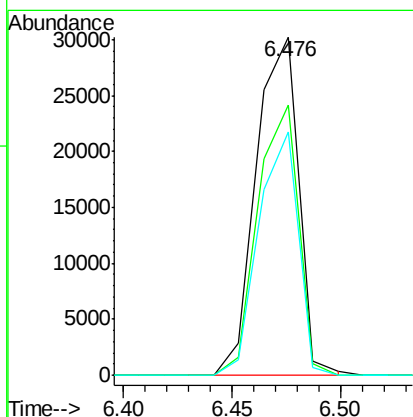
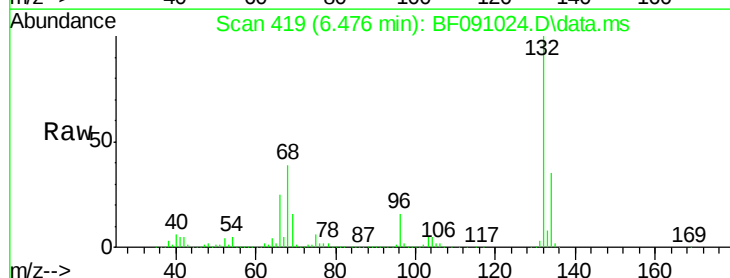
Tgt Ion: 77 Resp: 41411

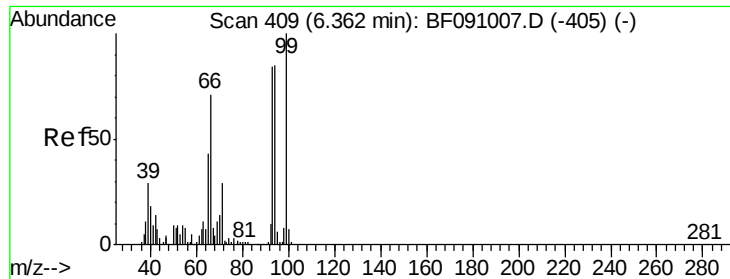
Ion Ratio Lower Upper

77 100

105 79.8 66.8 106.8

106 72.1 64.0 104.0





#10

Phenol

Concen: 2.35 ng

RT: 6.362 min Scan# 409

Delta R.T. 0.000 min

Lab File: BF091024.D

Acq: 4 Nov 2016 15:17

Instrument :

BNA_F

ClientSampleId :

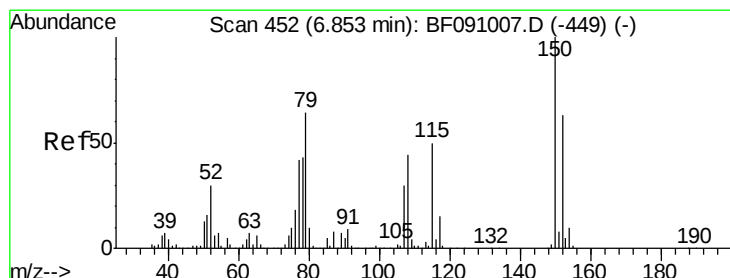
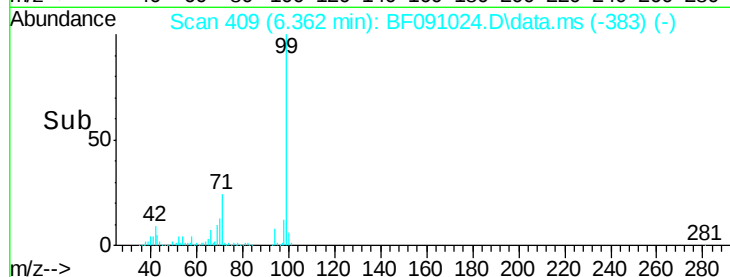
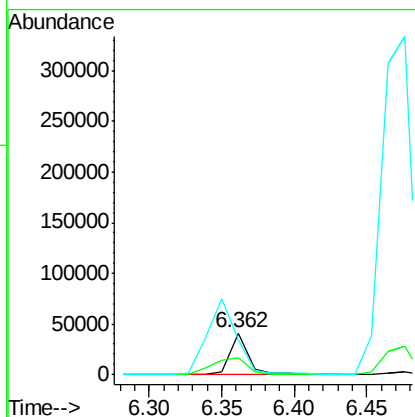
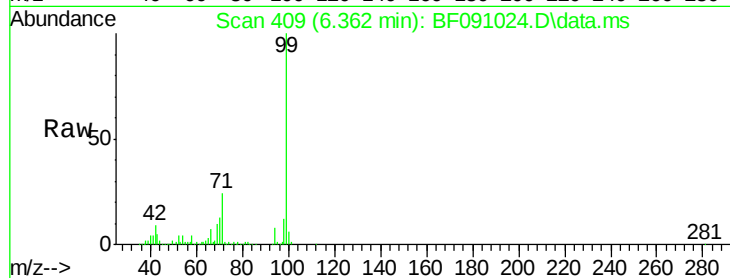
Tot Ion: 94 Resp: 35891

Ion Ratio Lower Upper

94 100

65 39.7 30.4 70.4

66 82.6 62.9 102.9



#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 6.853 min Scan# 452

Delta R.T. 0.000 min

Lab File: BF091024.D

Acq: 4 Nov 2016 15:17

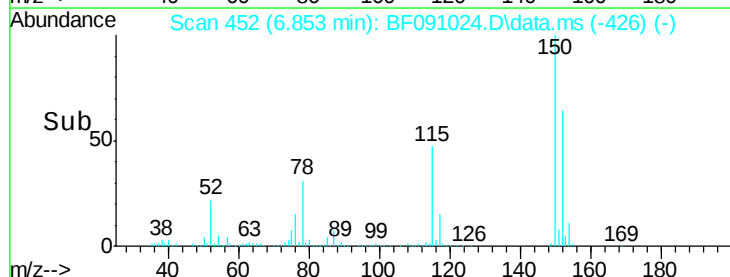
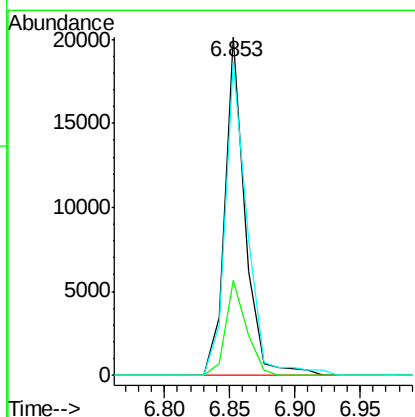
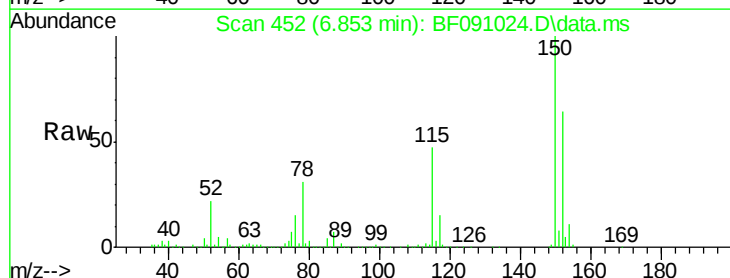
Tgt Ion: 79 Resp: 21726

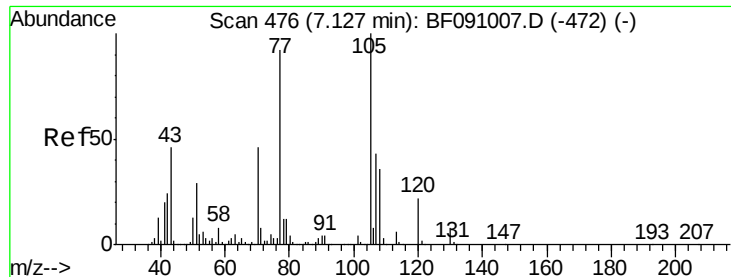
Ion Ratio Lower Upper

79 100

108 28.0 55.7 83.5#

77 92.9 52.6 79.0#

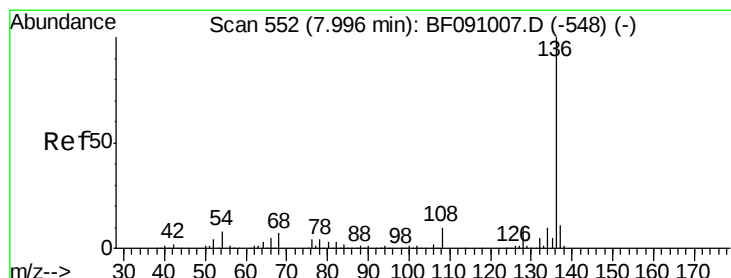
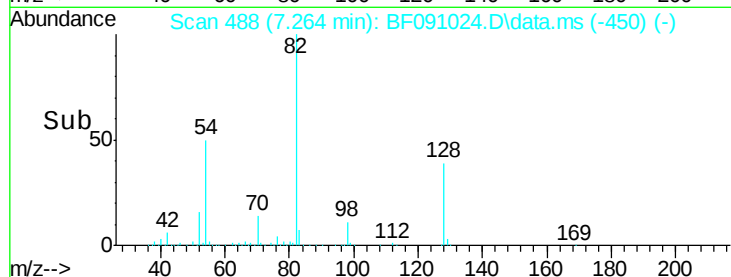
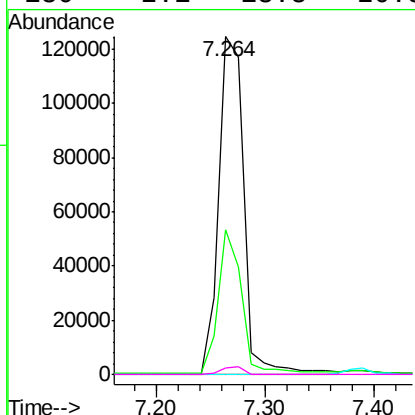
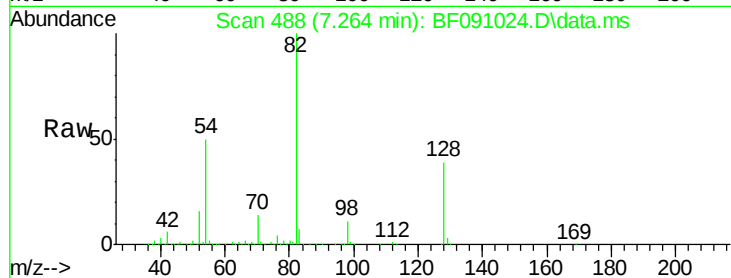




#19
n-Nitroso-di-n-propylamine
Concen: 21.00 ng
RT: 7.264 min Scan# 48
Delta R.T. 0.137 min
Lab File: BF091024.D
Acq: 4 Nov 2016 15:17

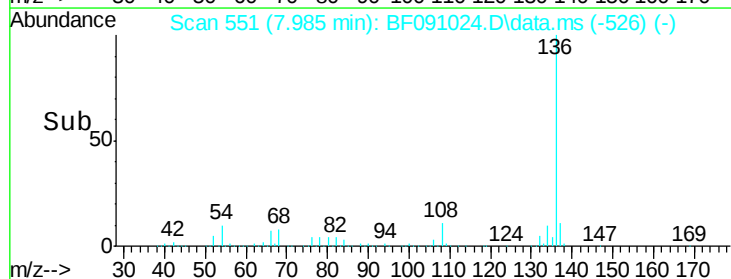
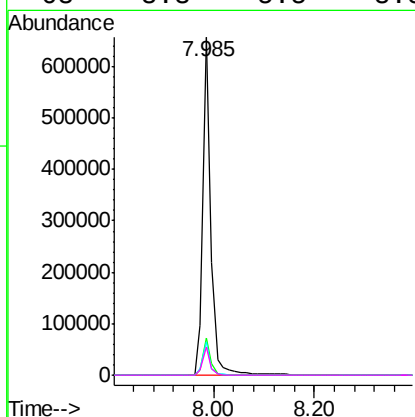
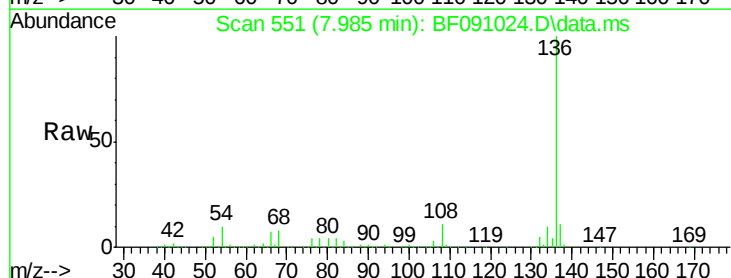
Instrument :
BNA_F
ClientSampled :

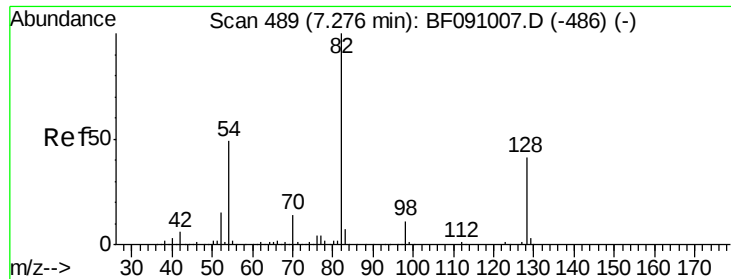
Tot Ion: 70 Resp: 201162
Ion Ratio Lower Upper
70 100
42 42.8 41.7 62.5
101 0.0 6.7 10.1#
130 2.1 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.985 min Scan# 551
Delta R.T. -0.011 min
Lab File: BF091024.D
Acq: 4 Nov 2016 15:17

Tgt Ion: 136 Resp: 732142
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.9 6.2 9.2#
68 8.3 5.5 8.3





#23

Nitrobenzene-d5

Concen: 109.60 ng

RT: 7.276 min Scan# 489

Delta R.T. 0.000 min

Lab File: BF091024.D

Acq: 4 Nov 2016 15:17

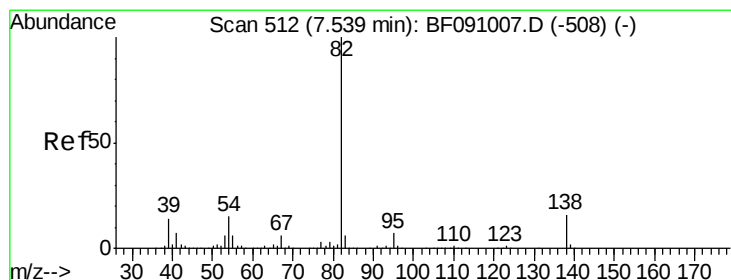
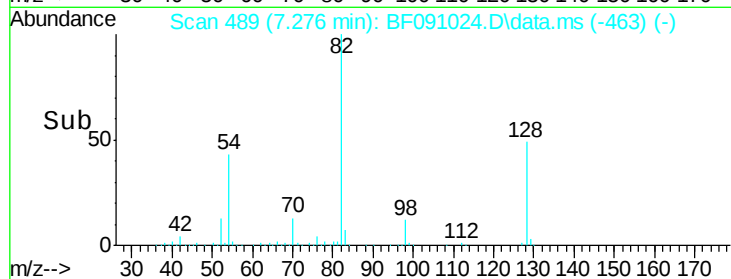
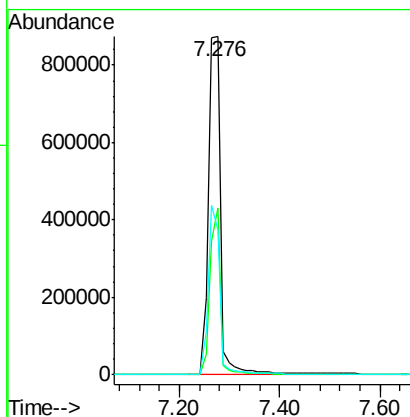
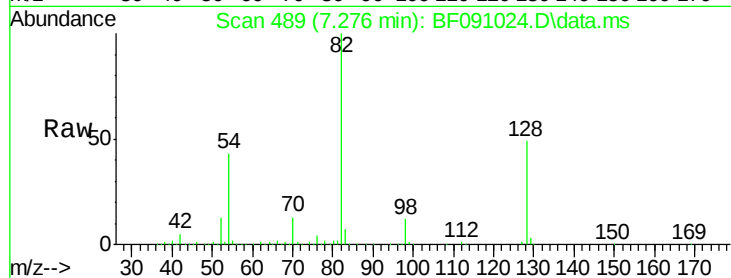
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1470955

Ion	Ratio	Lower	Upper
82	100		
128	49.2	32.4	48.6#
54	42.7	39.2	58.8



#25

Isophorone

Concen: 51.26 ng

RT: 7.276 min Scan# 489

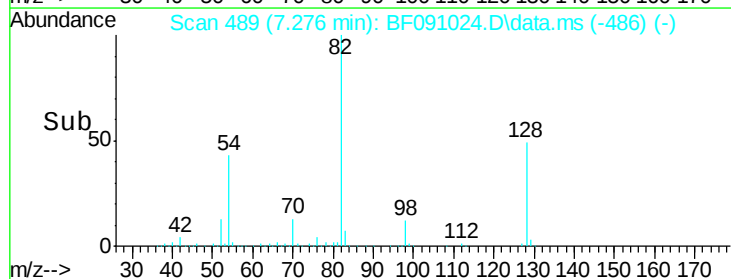
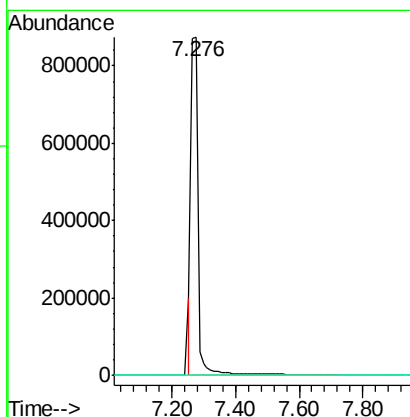
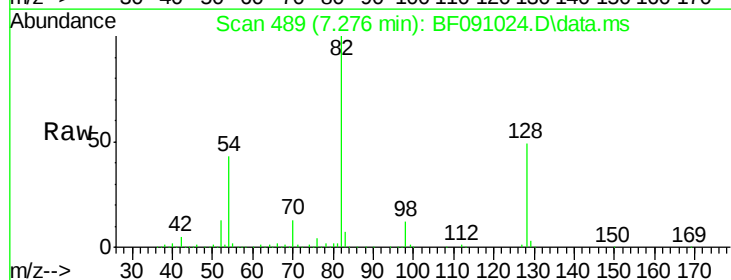
Delta R.T. -0.263 min

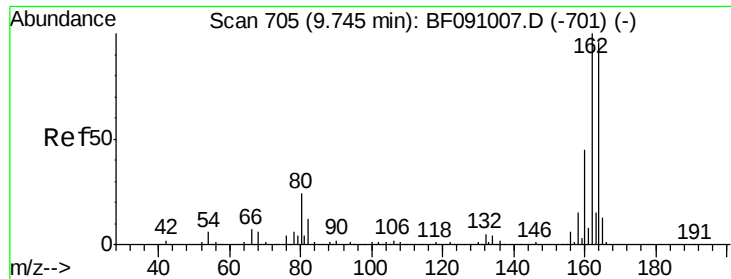
Lab File: BF091024.D

Acq: 4 Nov 2016 15:17

Tgt Ion: 82 Resp: 1325651

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: BF091024.D

Acq: 4 Nov 2016 15:17

Instrument :

BNA_F

ClientSampleId :

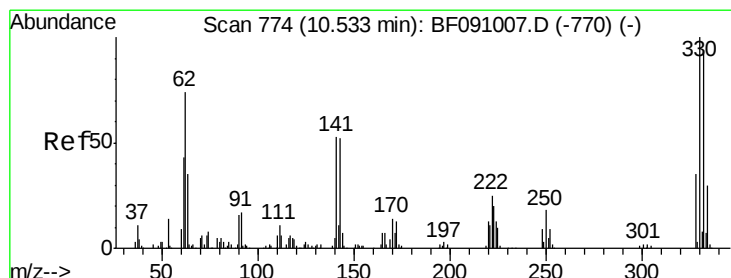
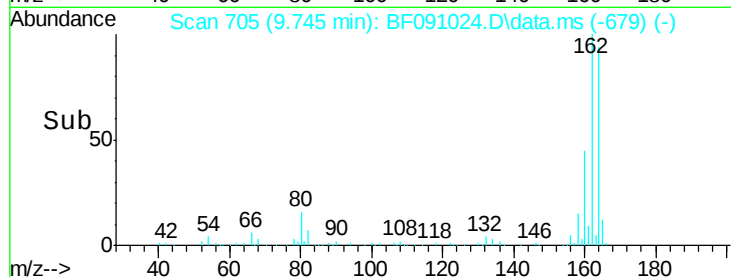
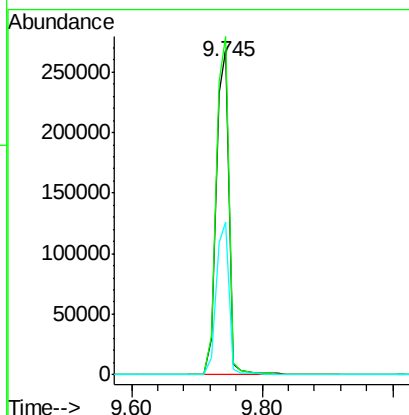
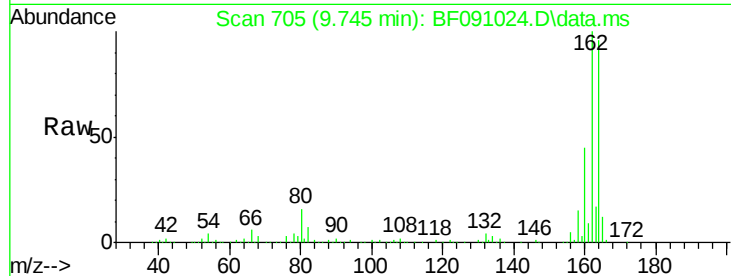
Tot Ion:164 Resp: 378544

Ion Ratio Lower Upper

164 100

162 104.5 83.6 125.4

160 47.0 37.9 56.9



#41

2,4,6-Tribromophenol

Concen: 161.07 ng

RT: 10.533 min Scan# 774

Delta R.T. 0.000 min

Lab File: BF091024.D

Acq: 4 Nov 2016 15:17

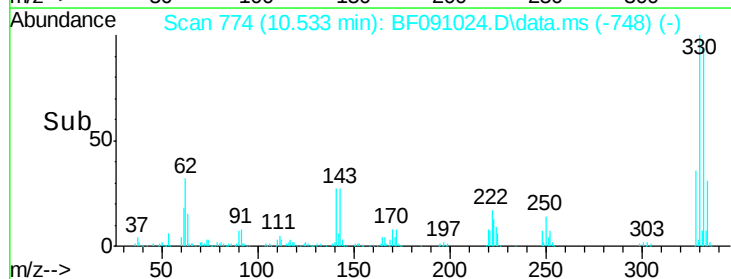
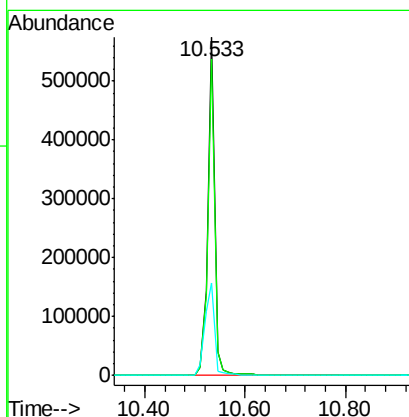
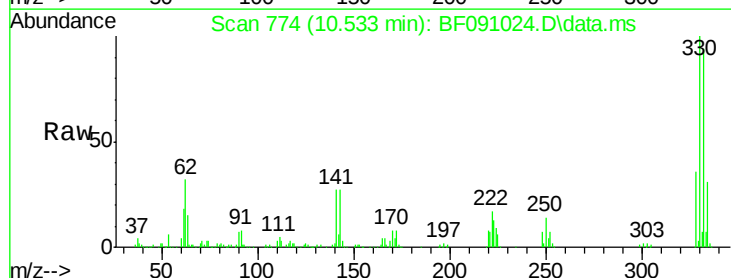
Tgt Ion:330 Resp: 551226

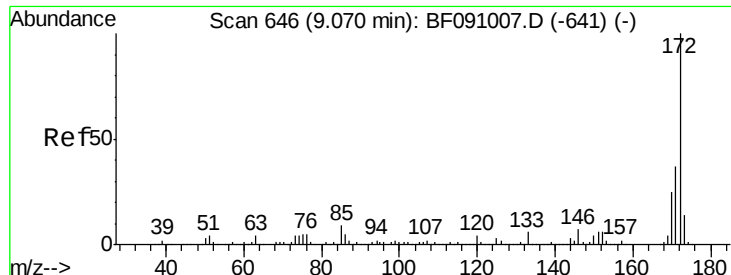
Ion Ratio Lower Upper

330 100

332 94.3 75.9 113.9

141 37.7 36.1 54.1

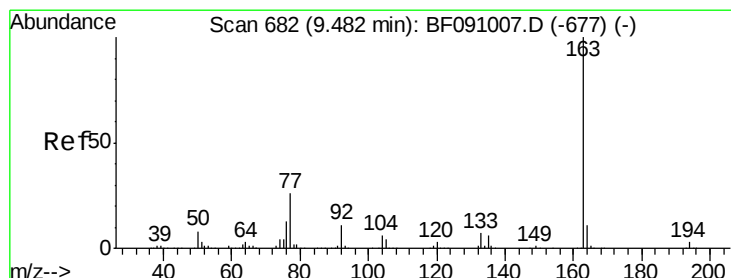
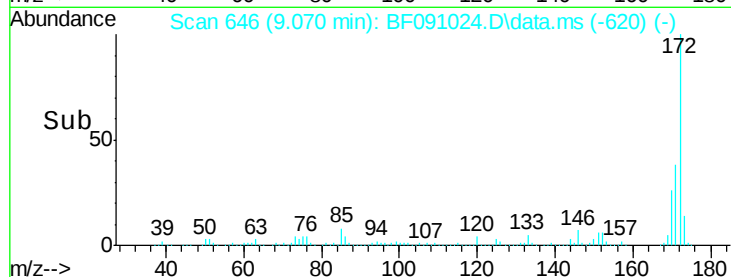
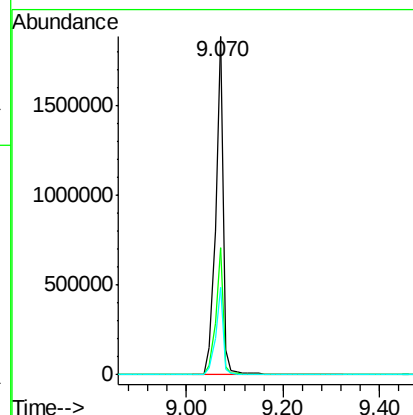
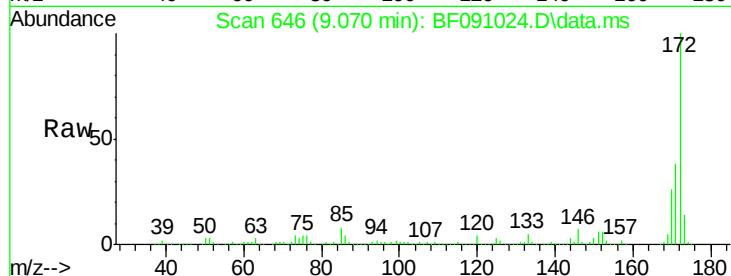




#44
2-Fluorobiphenyl
Concen: 95.83 ng
RT: 9.070 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF091024.D
Acq: 4 Nov 2016 15:17

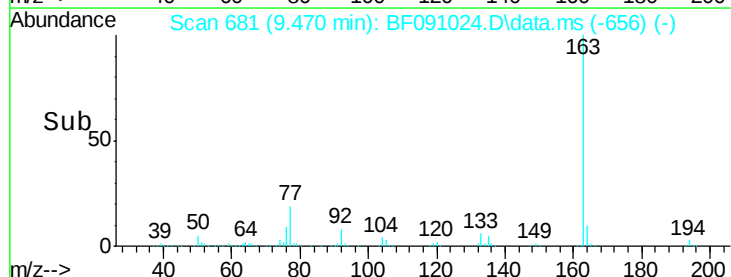
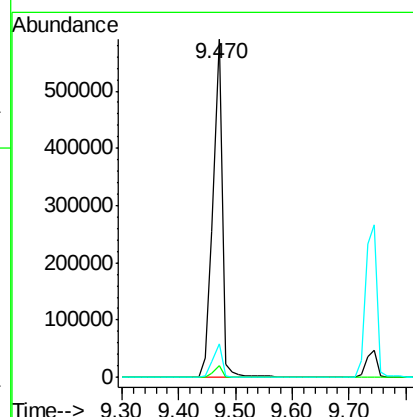
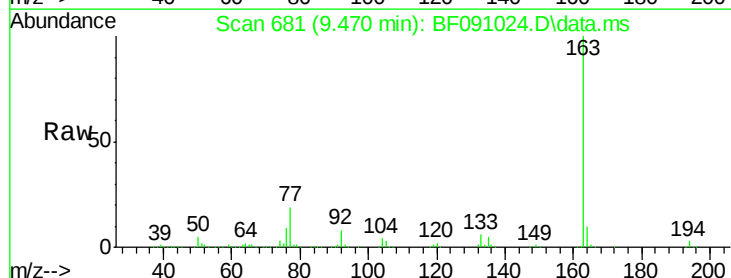
Instrument :
BNA_F
ClientSampleId :

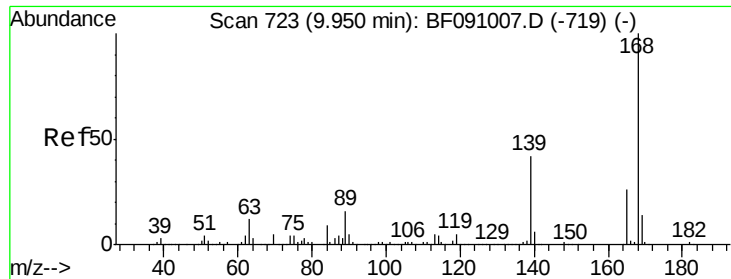
Tot Ion:172 Resp: 2107157
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.7 20.3 30.5



#49
Dimethylphthalate
Concen: 25.82 ng
RT: 9.470 min Scan# 681
Delta R.T. -0.011 min
Lab File: BF091024.D
Acq: 4 Nov 2016 15:17

Tgt Ion:163 Resp: 640805
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 8.7 13.1

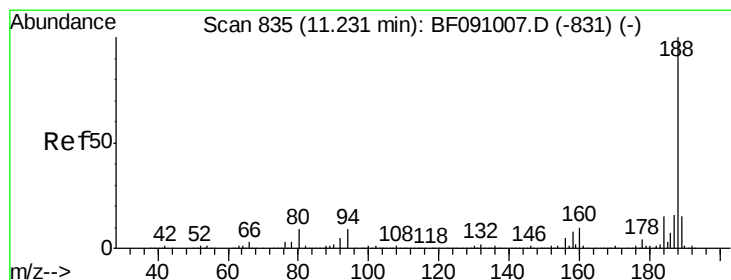
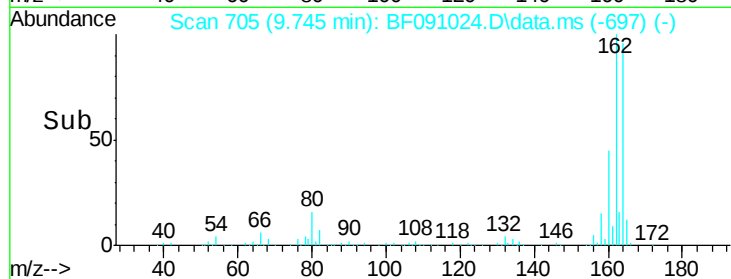
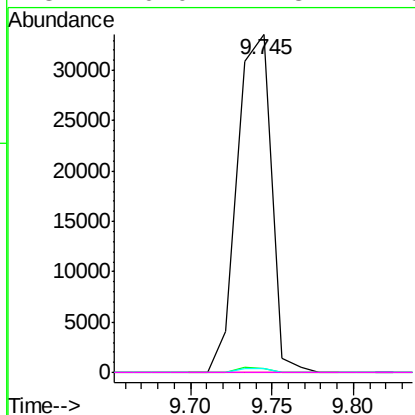
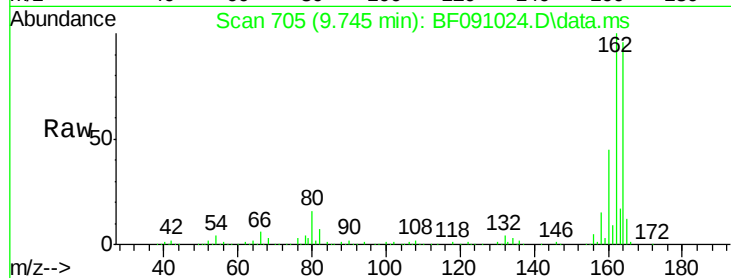




#56
 2,4-Dinitrotoluene
 Concen: 7.14 ng
 RT: 9.745 min Scan# 70
 Delta R.T. -0.206 min
 Lab File: BF091024.D
 Acq: 4 Nov 2016 15:17

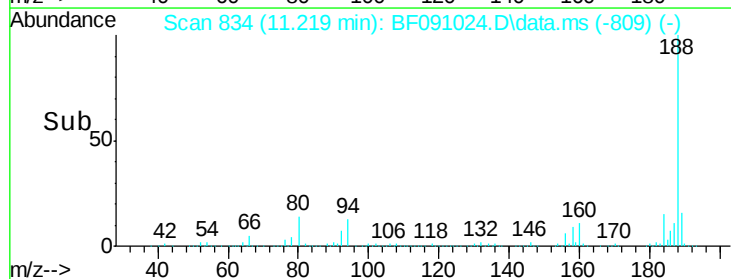
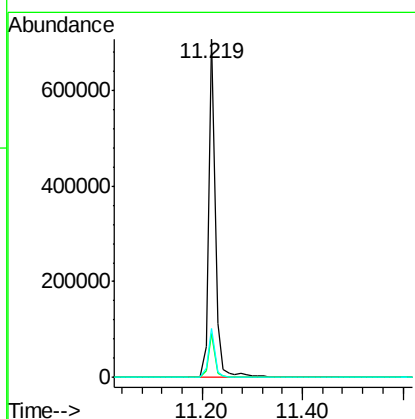
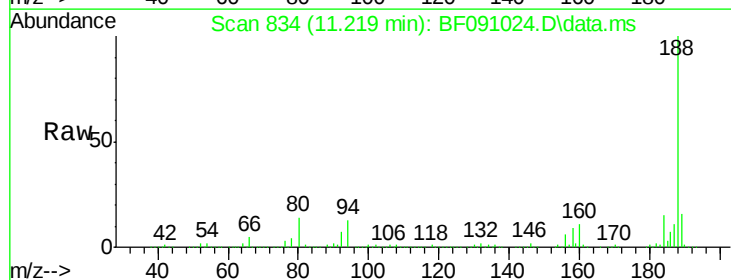
Instrument :
 BNA_F
 ClientSampleId :

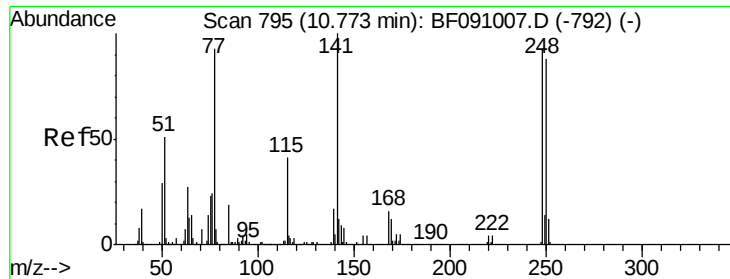
Tot Ion:165 Resp: 48325
 Ion Ratio Lower Upper
 165 100
 63 1.0 38.7 58.1#
 89 1.1 50.6 76.0#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.219 min Scan# 834
 Delta R.T. -0.011 min
 Lab File: BF091024.D
 Acq: 4 Nov 2016 15:17

Tgt Ion:188 Resp: 651010
 Ion Ratio Lower Upper
 188 100
 94 12.7 7.0 10.4#
 80 14.4 7.5 11.3#

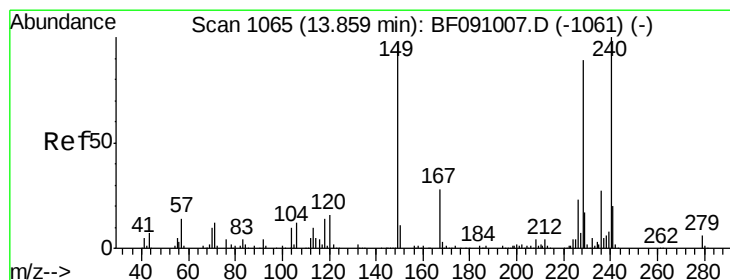
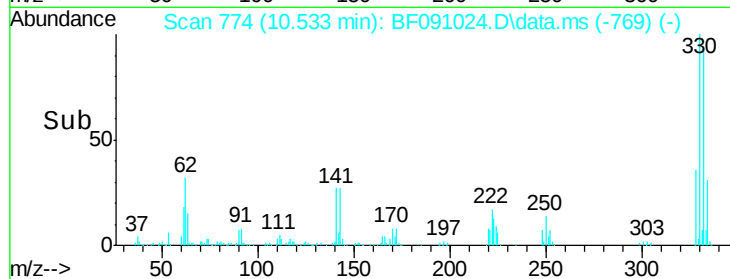
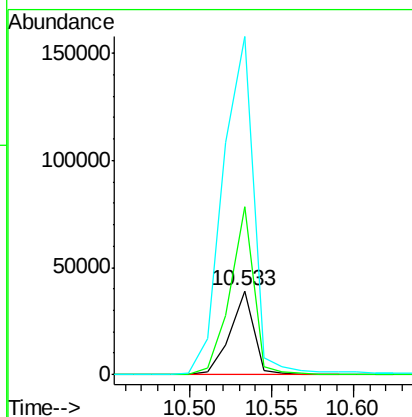
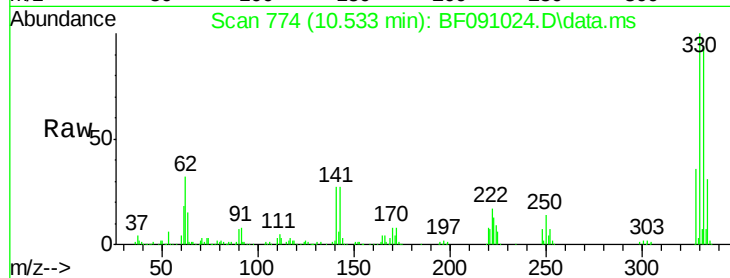




#66
4-Bromophenyl-phenylether
Concen: 5.76 ng
RT: 10.533 min Scan# 77
Delta R.T. -0.240 min
Lab File: BF091024.D
Acq: 4 Nov 2016 15:17

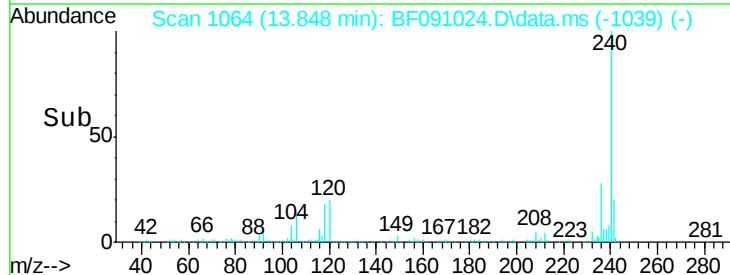
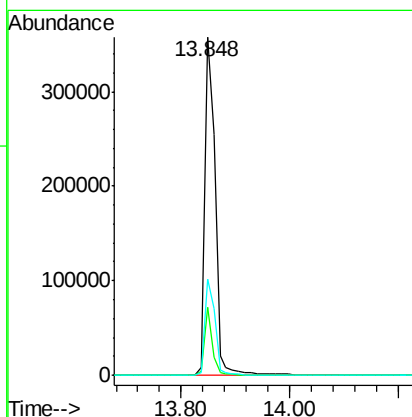
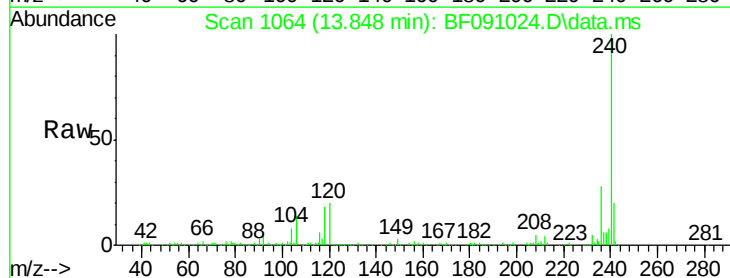
Instrument :
BNA_F
ClientSampleId :

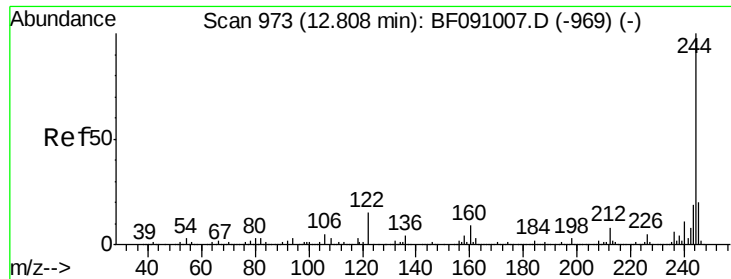
Tot Ion:248 Resp: 38995
Ion Ratio Lower Upper
248 100
250 200.3 76.3 114.5#
141 403.4 86.8 130.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.848 min Scan# 1064
Delta R.T. -0.011 min
Lab File: BF091024.D
Acq: 4 Nov 2016 15:17

Tgt Ion:240 Resp: 463796
Ion Ratio Lower Upper
240 100
120 20.3 12.9 19.3#
236 28.5 21.9 32.9





#78

Terphenyl-d14

Concen: 95.40 ng

RT: 12.808 min Scan# 97

Delta R.T. 0.000 min

Lab File: BF091024.D

Acq: 4 Nov 2016 15:17

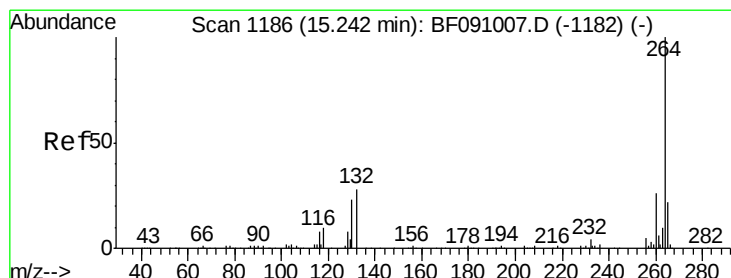
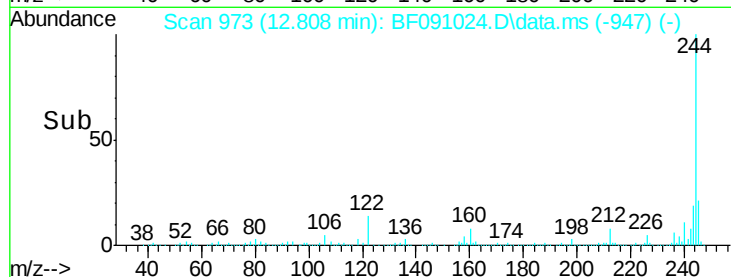
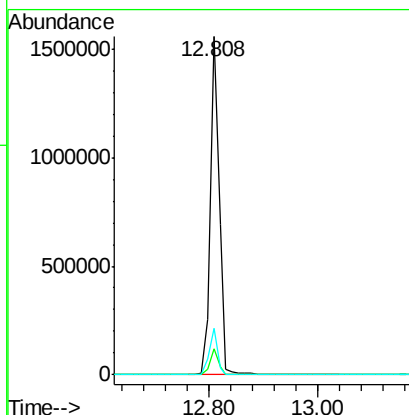
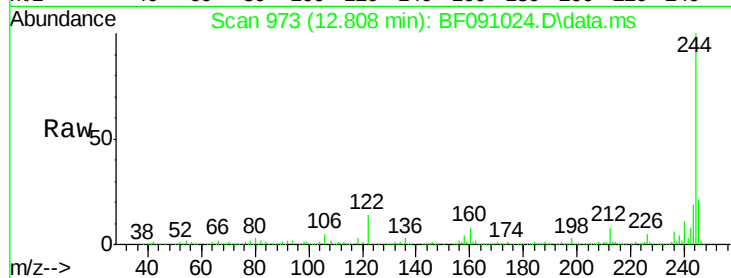
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1772989

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	13.9	12.3	18.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.242 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF091024.D

Acq: 4 Nov 2016 15:17

Tgt Ion:264 Resp: 336494

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.6	30.8
265	21.6	17.8	26.8

