

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
 Data File : BF091174.D
 Acq On : 15 Nov 2016 12:35
 Operator : UM/SJ
 Sample : H5636-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS043041

Quant Time: Nov 16 00:18:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	152752	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	655573	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	342537	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	632916	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	556398	20.00	ng	-0.03
86) Perylene-d12	15.14	264	431814	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	464886	50.26	ng	-0.02
7) Phenol-d6	6.28	99	408942	32.57	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1218134	101.36	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	402813	130.08	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1877788	94.38	ng	-0.03
78) Terphenyl-d14	12.74	244	2134475	95.73	ng	-0.02

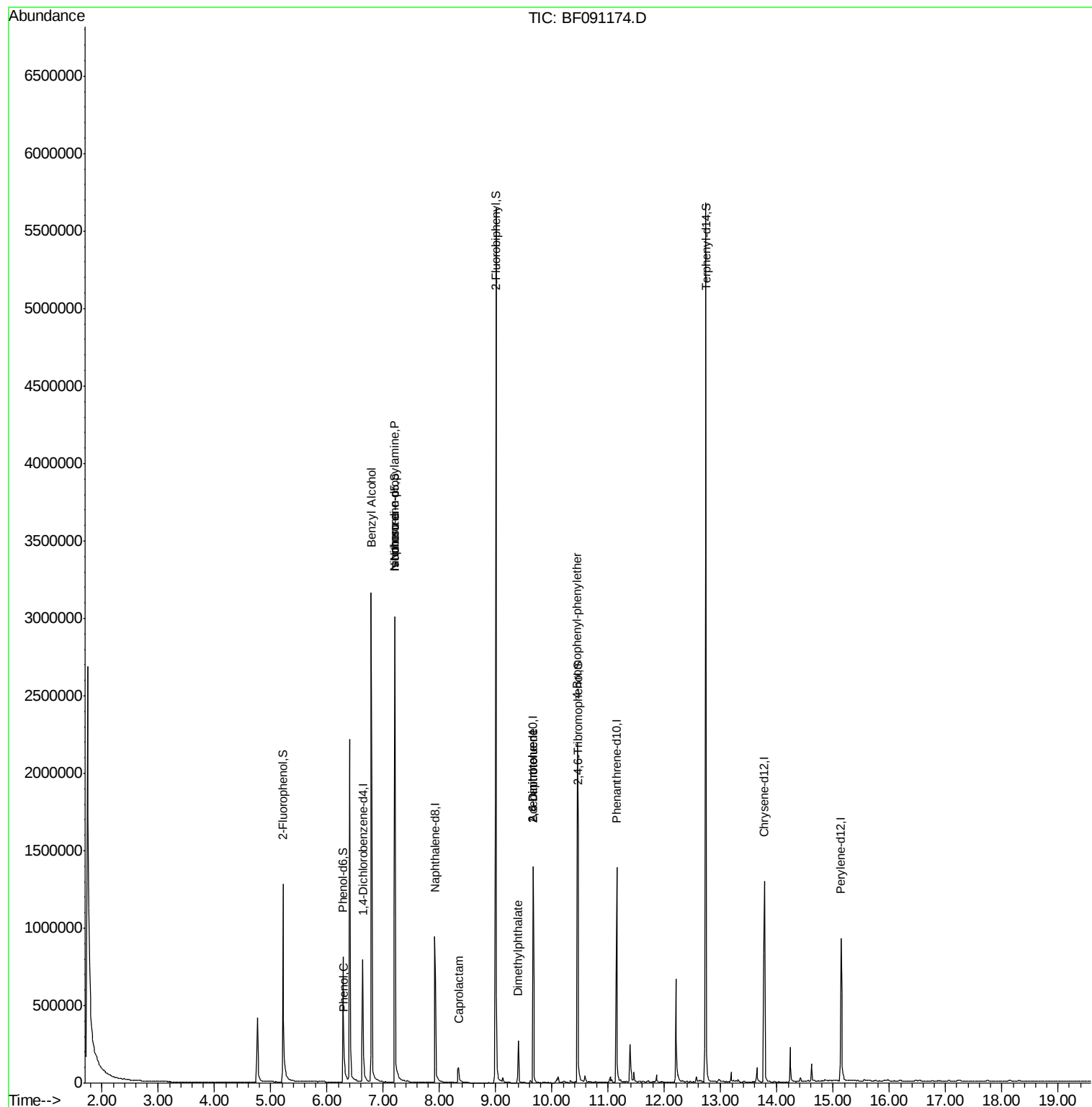
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.30	94	35510	2.56	ng	# 67
15) Benzyl Alcohol	6.78	79	18947	2.14	ng	# 54
19) n-Nitroso-di-n-propylamine	7.21	70	165670	19.04	ng	# 76
25) Isophorone	7.21	82	1214501	52.45	ng	# 67
35) Caprolactam	8.34	113	17821	7.00	ng	# 76
49) Dimethylphthalate	9.40	163	118873	5.29	ng	97
50) 2,6-Dinitrotoluene	9.66	165	43968	9.13	ng	# 11
56) 2,4-Dinitrotoluene	9.66	165	43969	7.18	ng	# 26
66) 4-Bromophenyl-phenylether	10.45	248	25269	3.84	ng	# 1

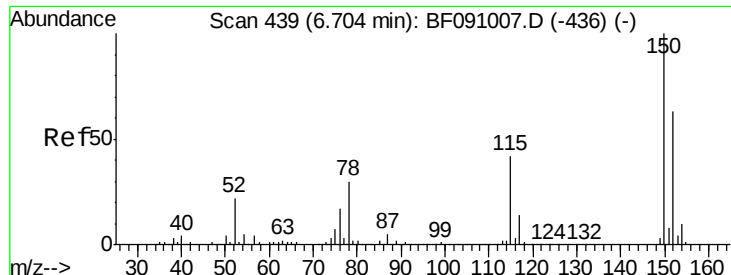
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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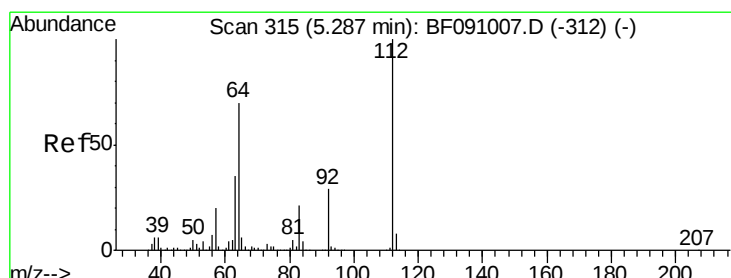
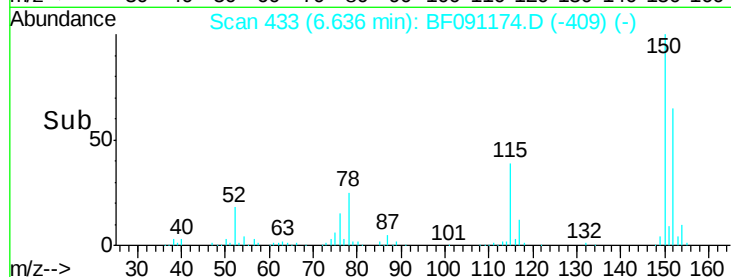
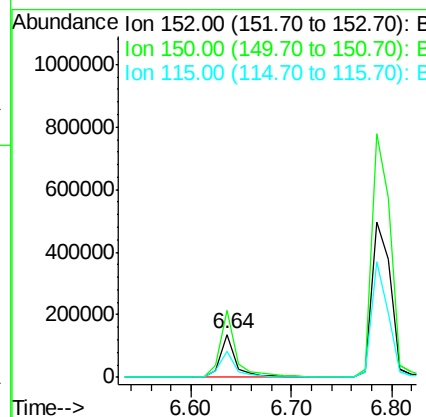
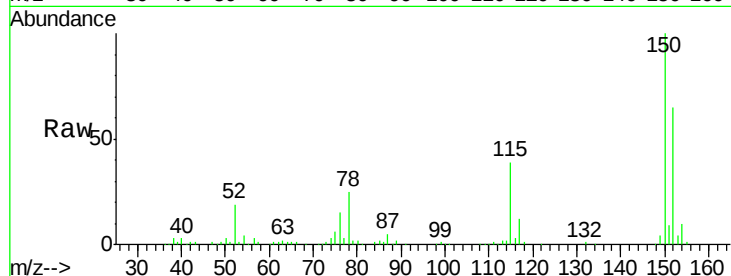




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF091174.D
 Acq: 15 Nov 2016 12:35

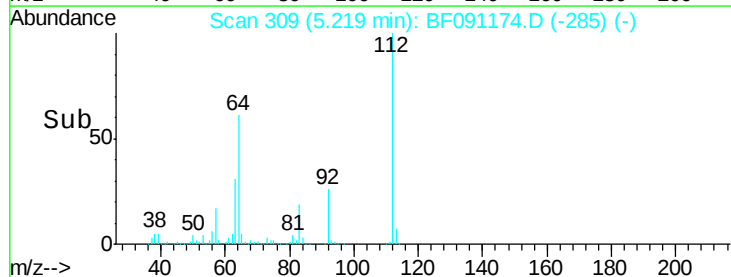
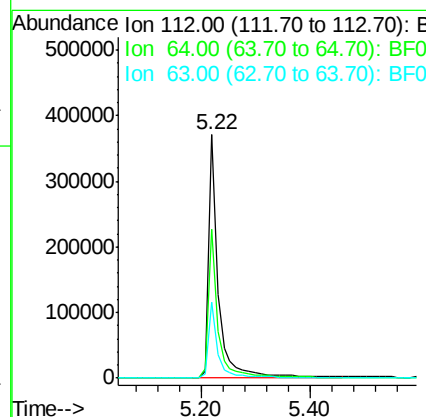
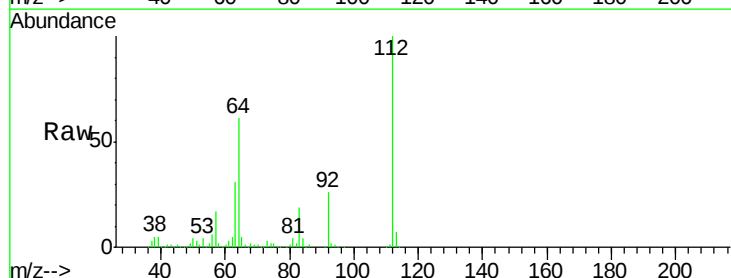
Instrument :
 BNA_F
 ClientSampleId :
 CPS043041

Tgt Ion:152 Resp: 152752
 Ion Ratio Lower Upper
 152 100
 150 153.7 126.8 190.2
 115 60.2 53.3 79.9



#5
 2-Fluorophenol
 Concen: 50.26 ng
 RT: 5.22 min Scan# 309
 Delta R.T. -0.02 min
 Lab File: BF091174.D
 Acq: 15 Nov 2016 12:35

Tgt Ion:112 Resp: 464886
 Ion Ratio Lower Upper
 112 100
 64 61.4 55.8 83.6
 63 31.0 28.0 42.0





#7

Phenol-d6

Concen: 32.57 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

Instrument :

BNA_F

ClientSampleId :

CPS043041

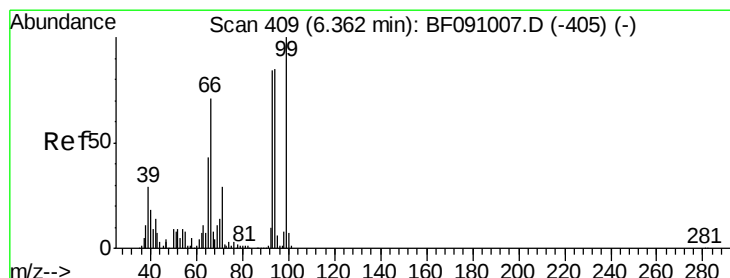
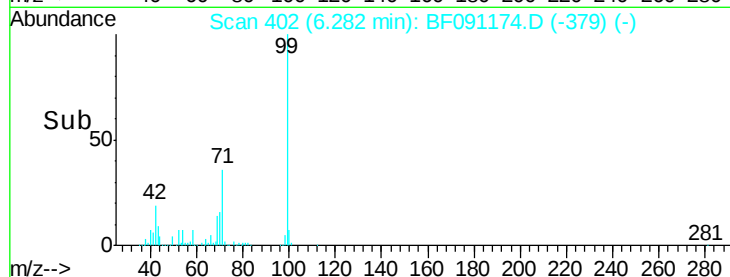
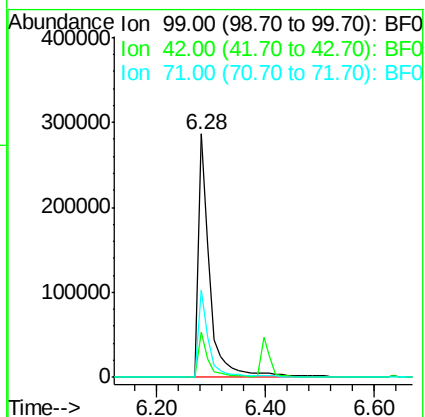
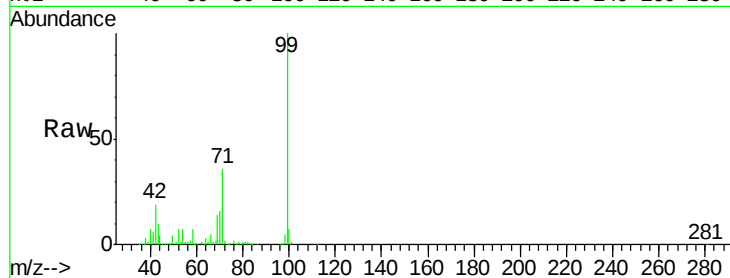
Tgt Ion: 99 Resp: 408942

Ion Ratio Lower Upper

99 100

42 18.6 13.9 20.9

71 35.7 27.8 41.8



#10

Phenol

Concen: 2.56 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

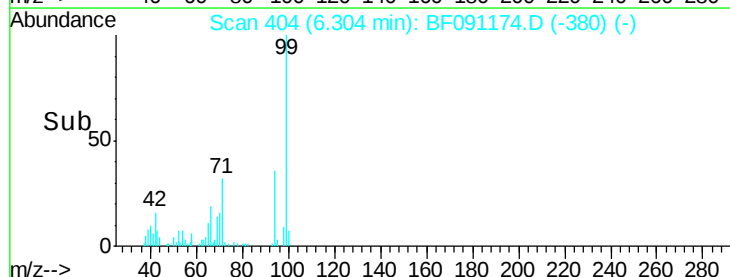
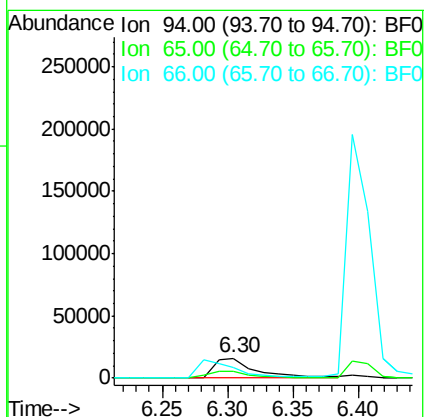
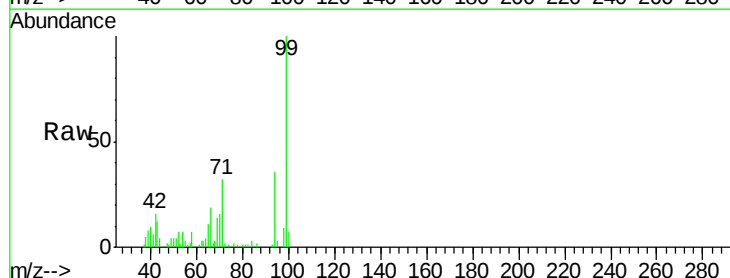
Tgt Ion: 94 Resp: 35510

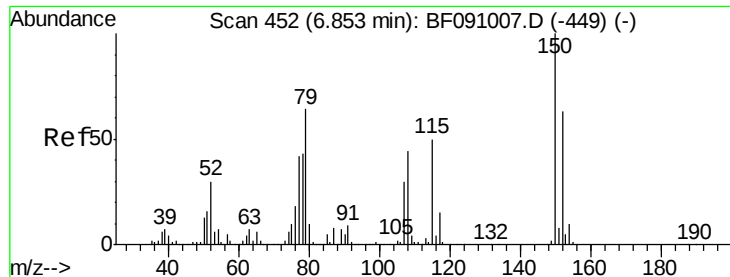
Ion Ratio Lower Upper

94 100

65 31.0 30.4 70.4

66 50.8 62.9 102.9#





#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

Instrument :

BNA_F

ClientSampleId :

CPS043041

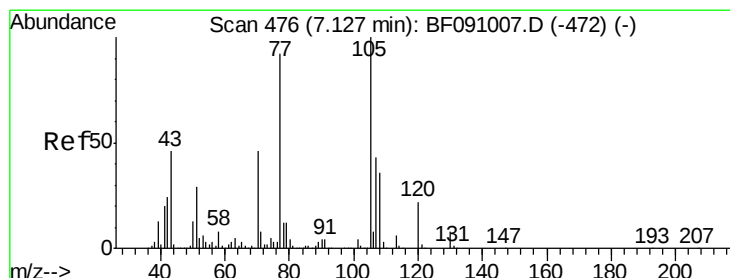
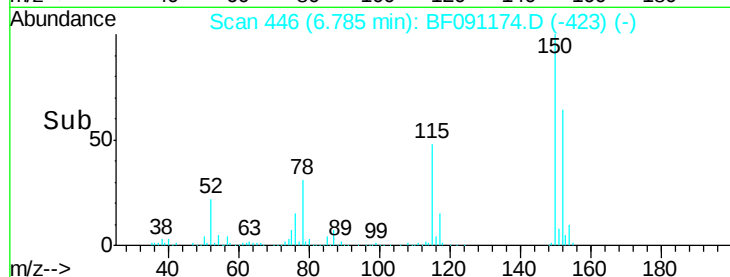
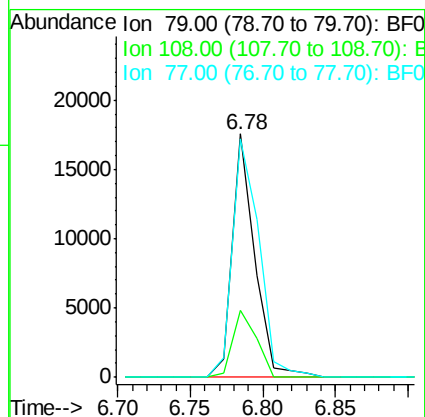
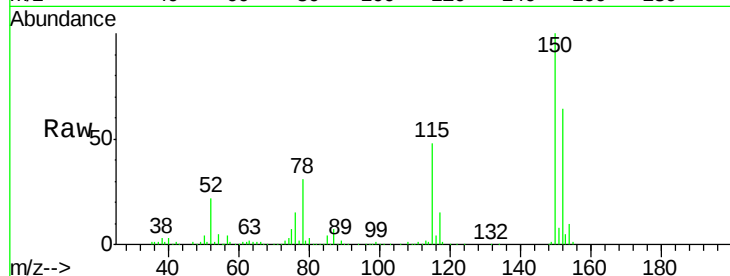
Tgt Ion: 79 Resp: 18947

Ion Ratio Lower Upper

79 100

108 27.3 55.7 83.5#

77 97.7 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 19.04 ng

RT: 7.21 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

Tgt Ion: 70 Resp: 165670

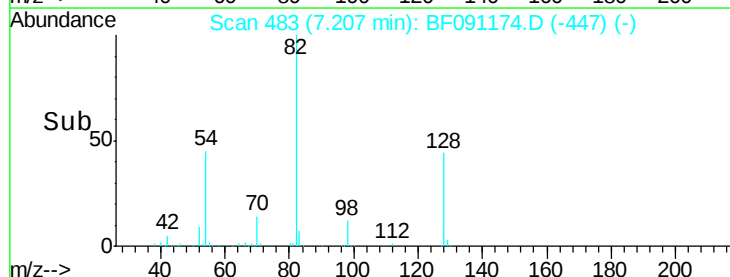
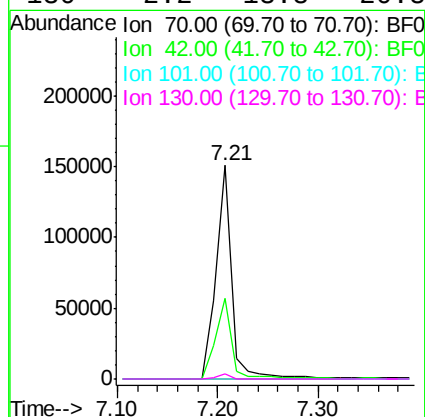
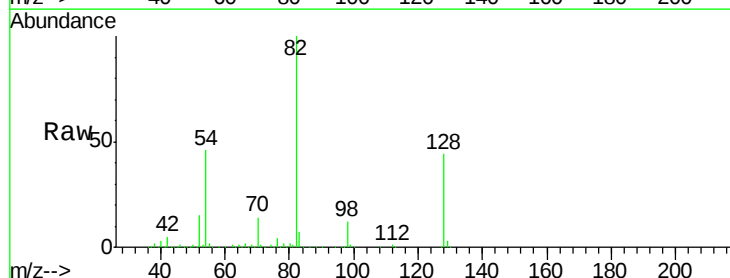
Ion Ratio Lower Upper

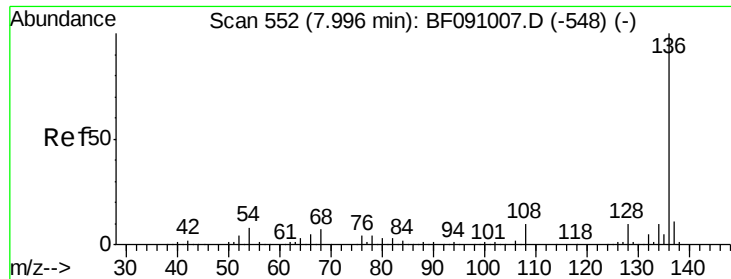
70 100

42 37.6 41.7 62.5#

101 0.0 6.7 10.1#

130 2.2 13.8 20.8#

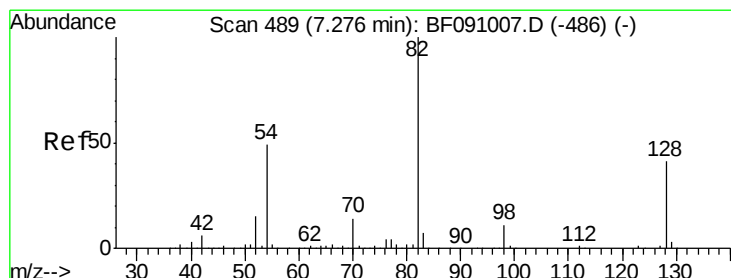
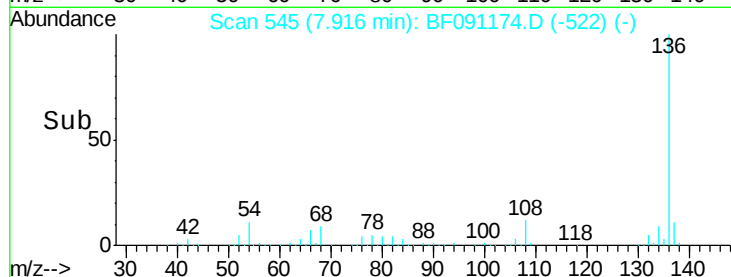
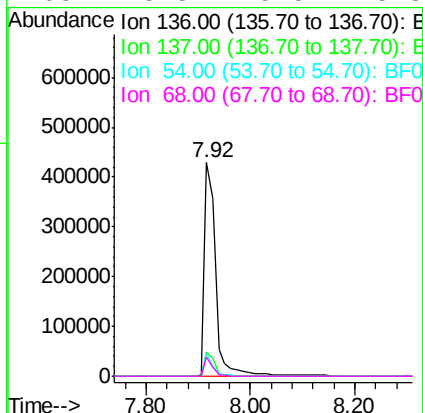
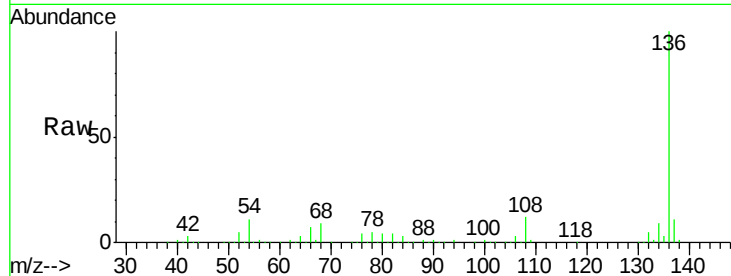




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091174.D
Acq: 15 Nov 2016 12:35

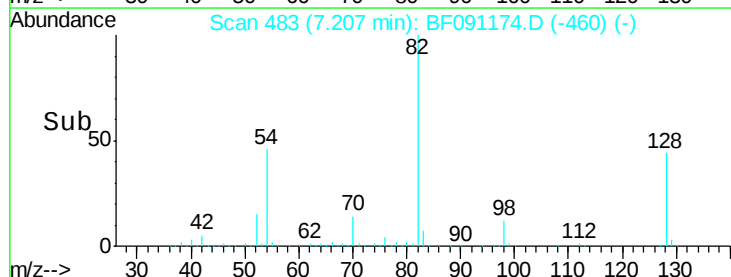
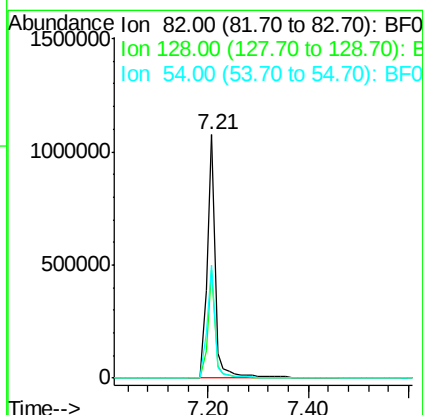
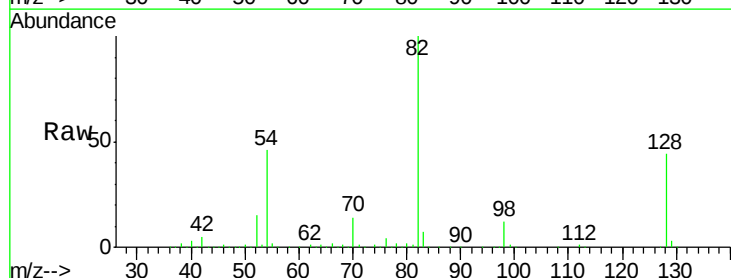
Instrument :
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ClientSampleId :
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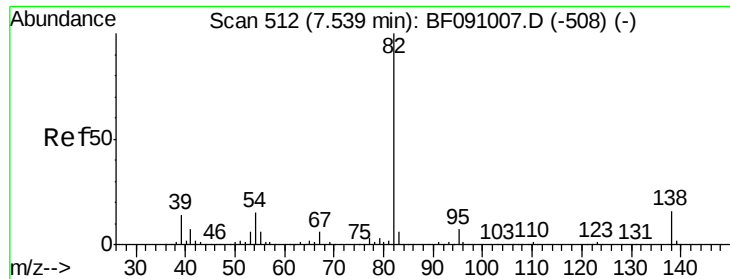
Tgt Ion:	136	Resp:	655573
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.7	6.2	9.2#
68	8.8	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 101.36 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091174.D
Acq: 15 Nov 2016 12:35

Tgt Ion:	82	Resp:	1218134
Ion	Ratio	Lower	Upper
82	100		
128	44.4	32.4	48.6
54	46.4	39.2	58.8

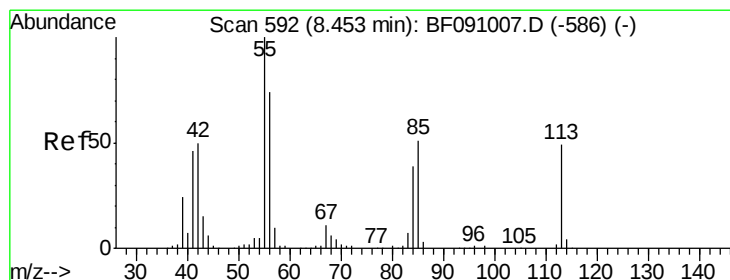
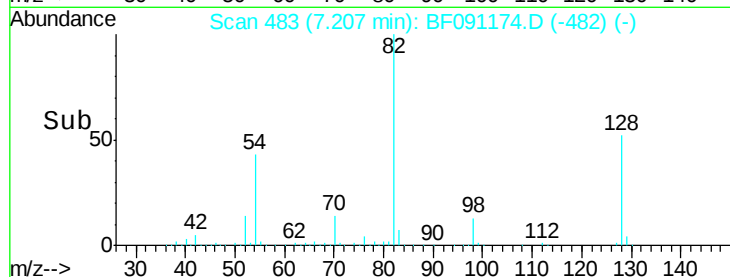
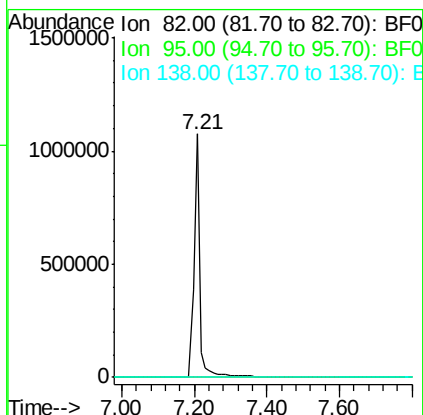
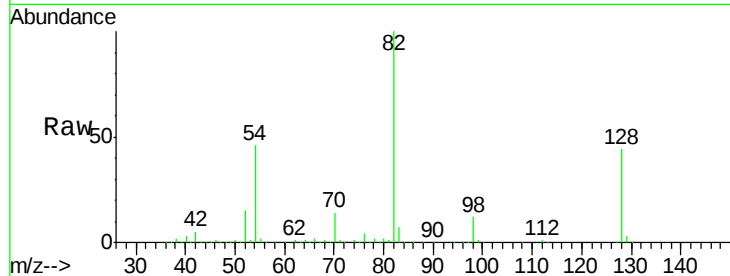




#25
Isophorone
Concen: 52.45 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.29 min
Lab File: BF091174.D
Acq: 15 Nov 2016 12:35

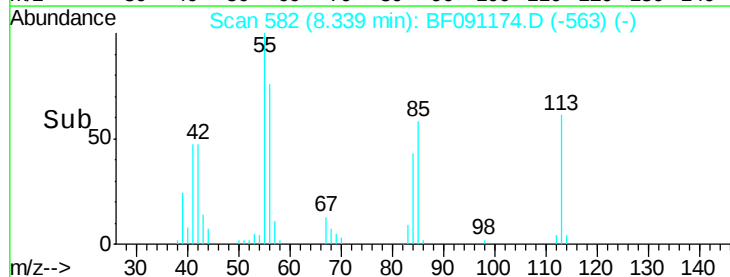
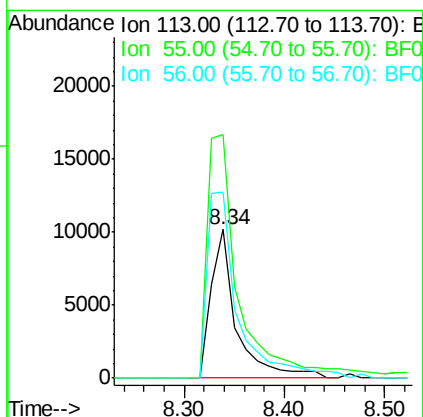
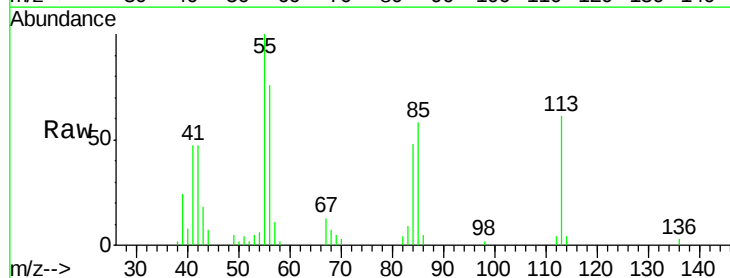
Instrument :
BNA_F
ClientSampled :
CPS043041

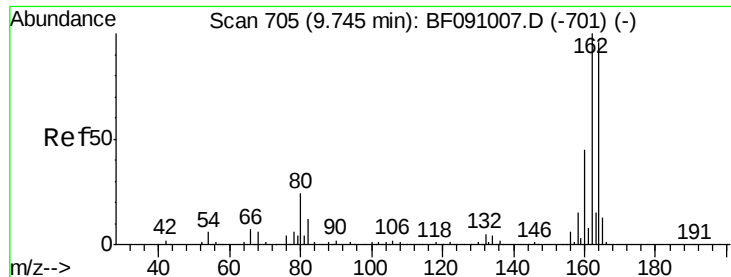
Tgt Ion: 82 Resp: 1214501
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.0 19.4#



#35
Caprolactam
Concen: 7.00 ng
RT: 8.34 min Scan# 582
Delta R.T. -0.08 min
Lab File: BF091174.D
Acq: 15 Nov 2016 12:35

Tgt Ion: 113 Resp: 17821
Ion Ratio Lower Upper
113 100
55 164.1 184.1 224.1#
56 125.2 132.0 172.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

Instrument :

BNA_F

ClientSampleId :

CPS043041

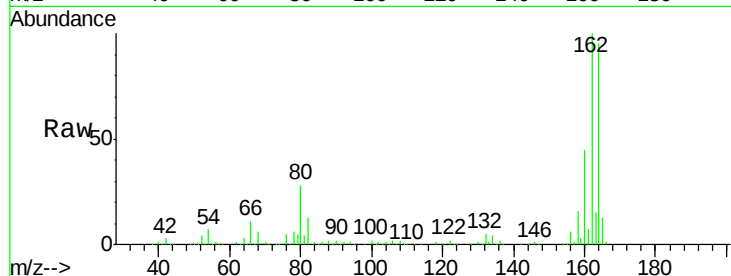
Tgt Ion:164 Resp: 342537

Ion Ratio Lower Upper

164 100

162 105.7 83.6 125.4

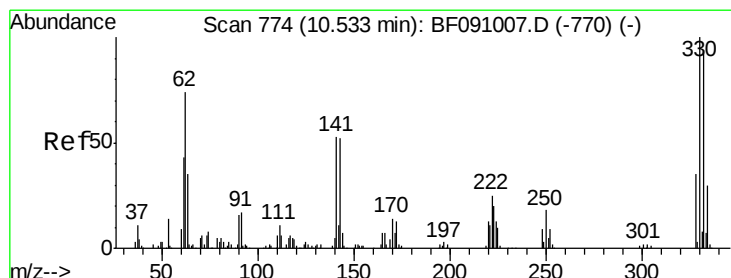
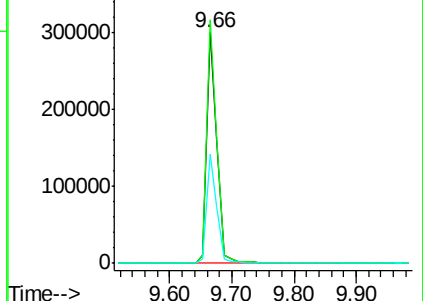
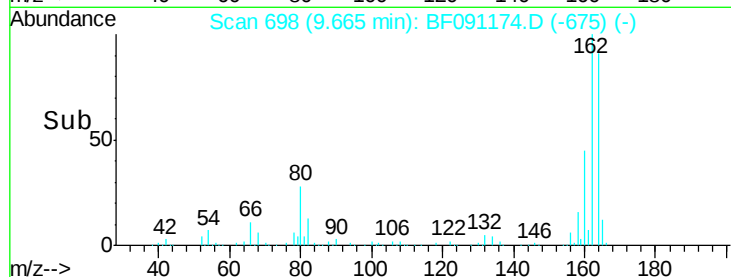
160 47.6 37.9 56.9



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: 130.08 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

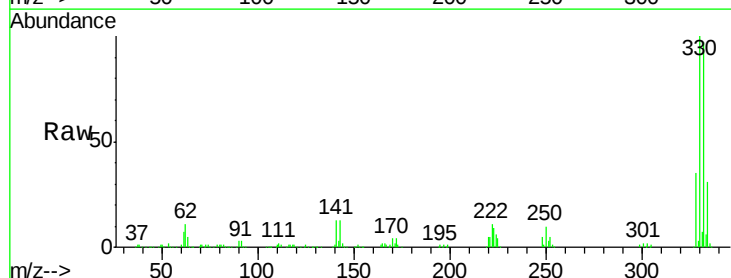
Tgt Ion:330 Resp: 402813

Ion Ratio Lower Upper

330 100

332 95.7 75.9 113.9

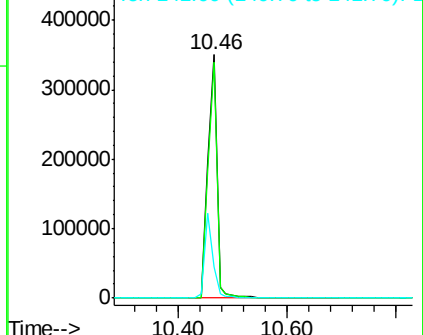
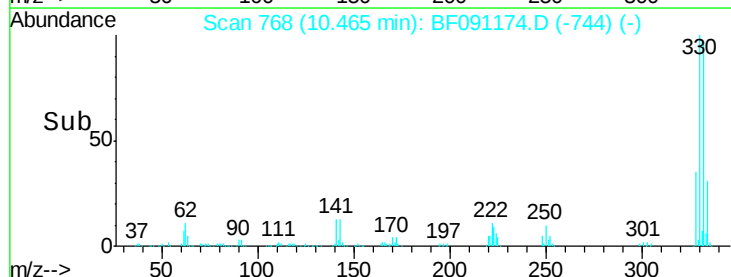
141 32.4 36.1 54.1#

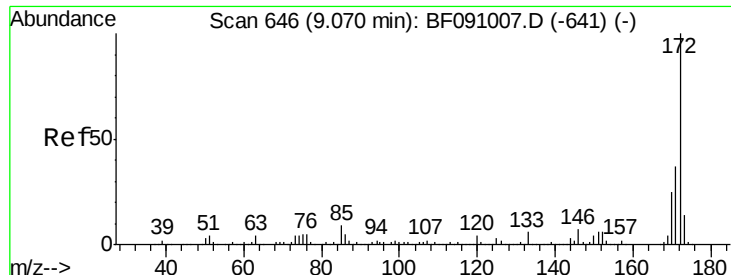


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

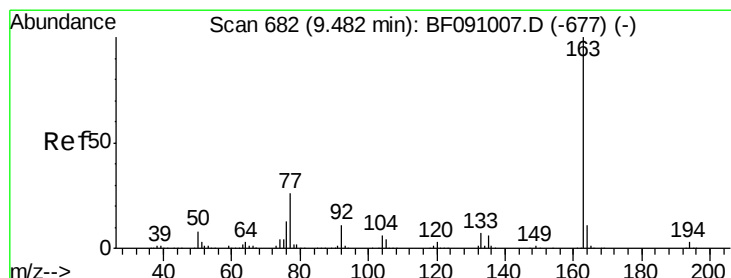
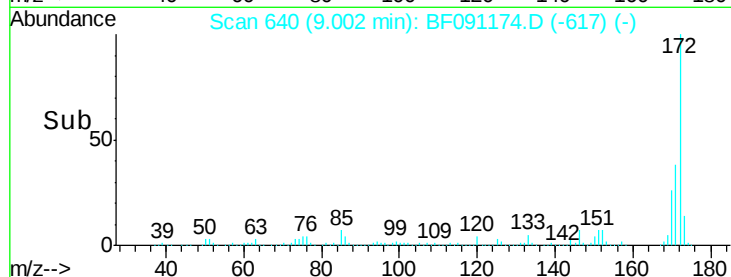
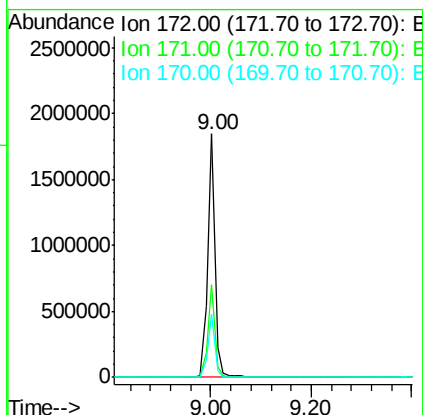
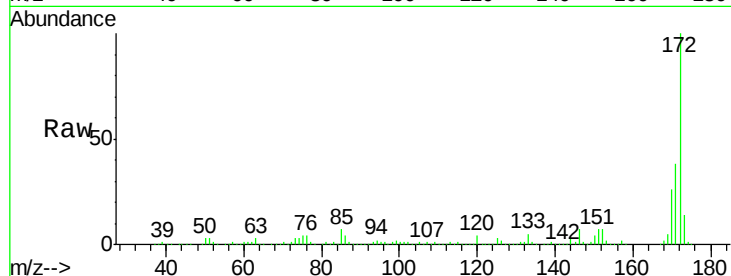




#44
 2-Fluorobiphenyl
 Concen: 94.38 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091174.D
 Acq: 15 Nov 2016 12:35

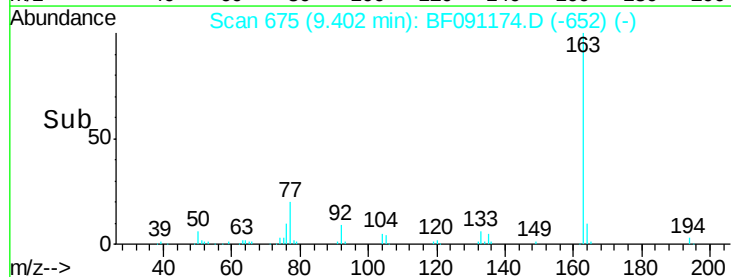
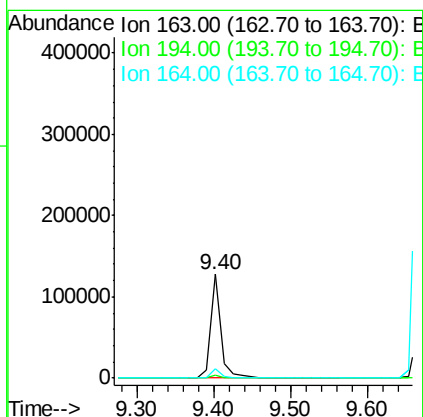
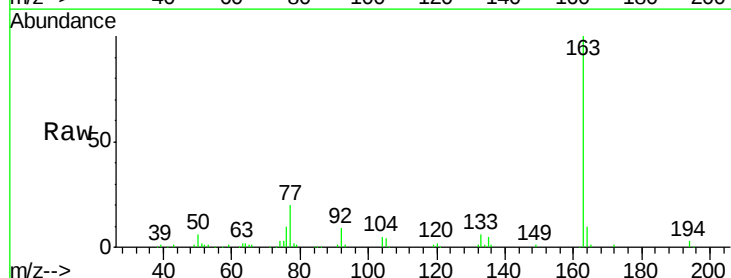
Instrument :
 BNA_F
 ClientSampleId :
 CPS043041

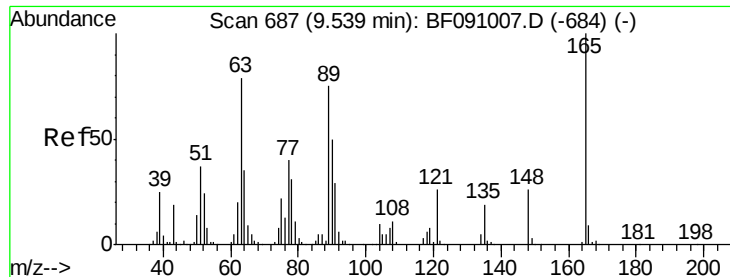
Tgt Ion:172 Resp: 1877788
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.8 44.6
 170 26.0 20.3 30.5



#49
 Dimethylphthalate
 Concen: 5.29 ng
 RT: 9.40 min Scan# 675
 Delta R.T. -0.03 min
 Lab File: BF091174.D
 Acq: 15 Nov 2016 12:35

Tgt Ion:163 Resp: 118873
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 9.7 8.7 13.1

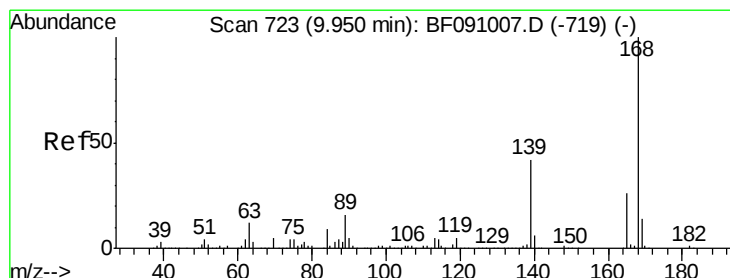
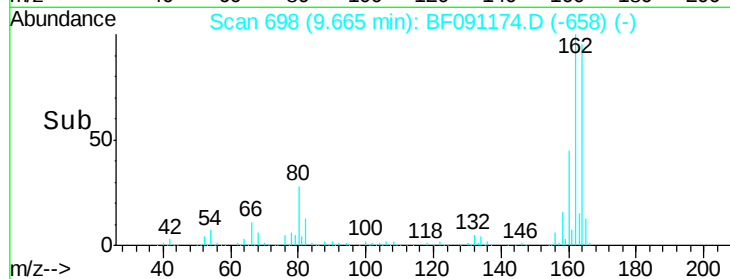
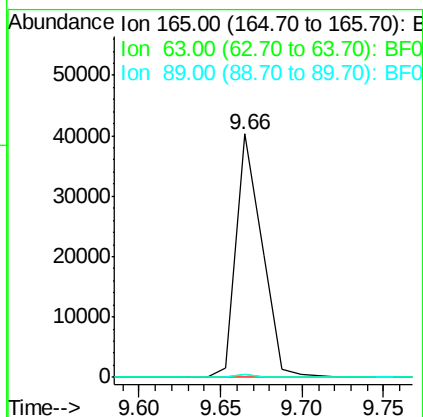
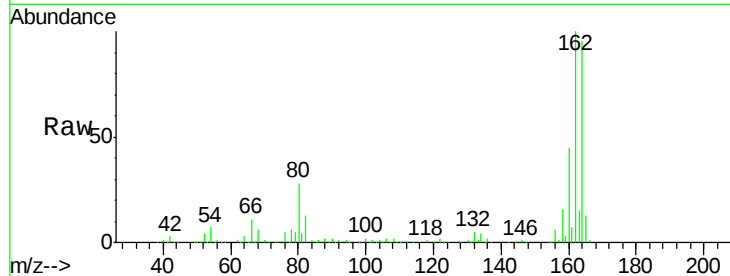




#50
 2,6-Dinitrotoluene
 Concen: 9.13 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.16 min
 Lab File: BF091174.D
 Acq: 15 Nov 2016 12:35

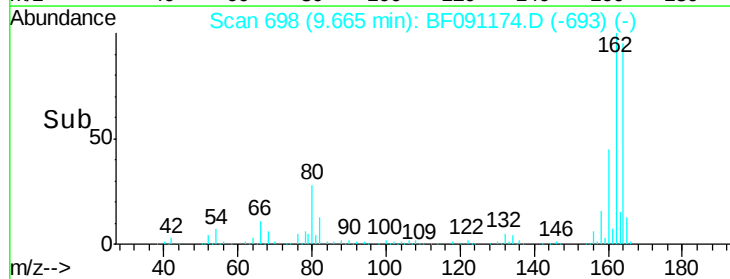
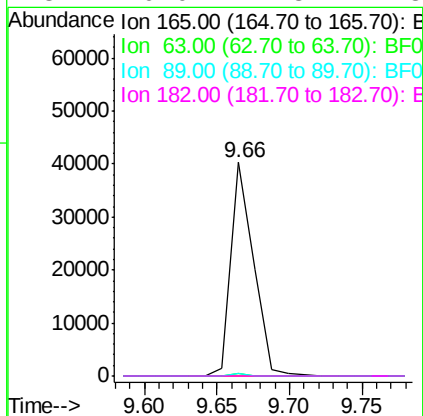
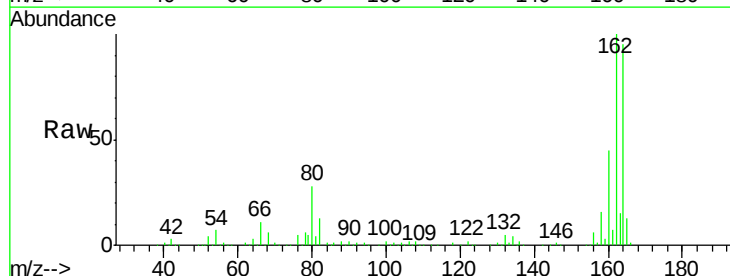
Instrument :
 BNA_F
 ClientSampleId :
 CPS043041

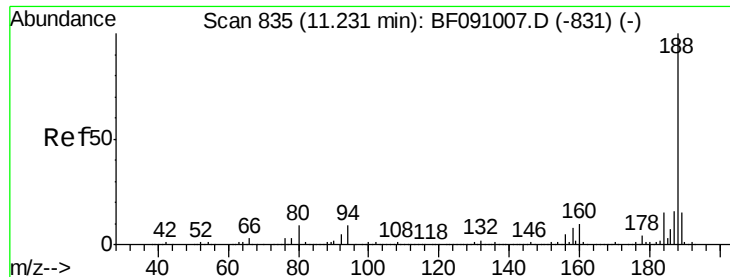
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	65.6	98.4#
89	1.0	59.8	89.6#



#56
 2,4-Dinitrotoluene
 Concen: 7.18 ng
 RT: 9.66 min Scan# 698
 Delta R.T. -0.24 min
 Lab File: BF091174.D
 Acq: 15 Nov 2016 12:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.7	58.1#
89	1.0	50.6	76.0#
182	0.0	1.8	2.8#

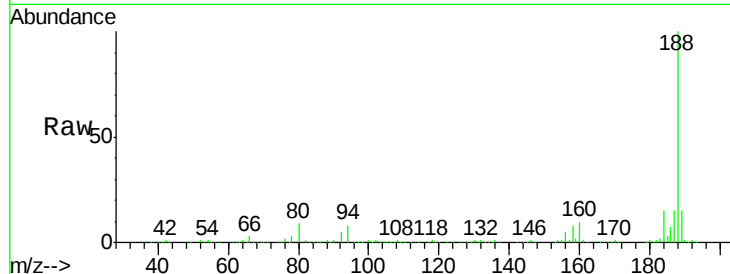




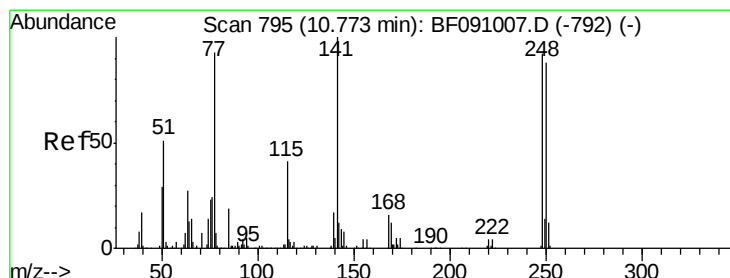
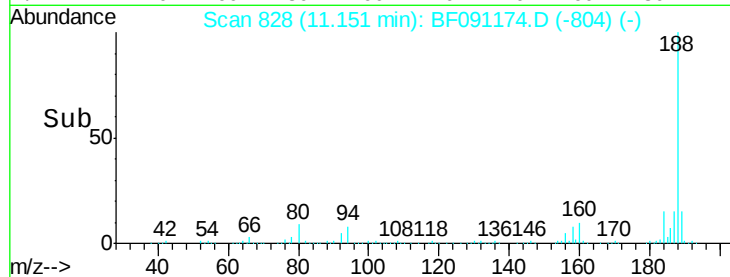
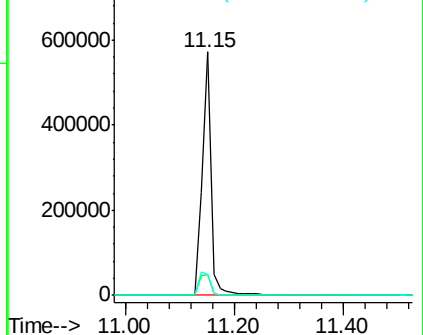
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF091174.D
 Acq: 15 Nov 2016 12:35

Instrument :
 BNA_F
 ClientSampleId :
 CPS043041

Tgt Ion:188 Resp: 632916
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.0 10.4
 80 8.8 7.5 11.3

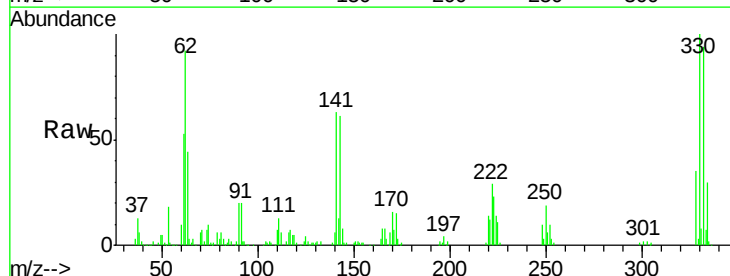


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

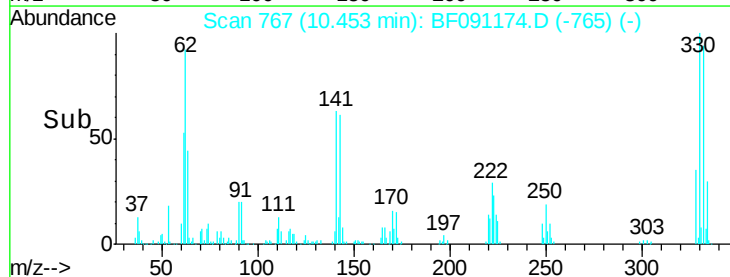
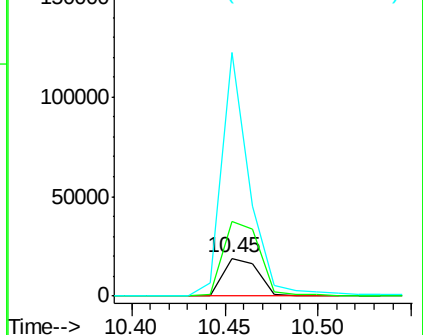


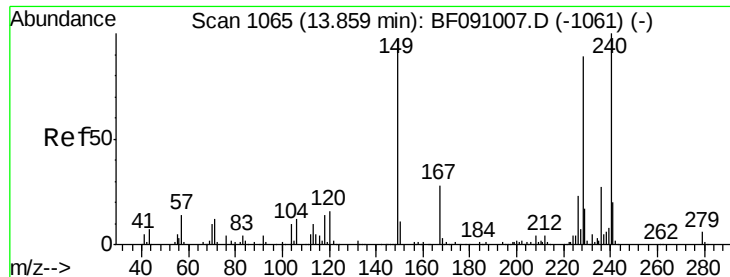
#66
 4-Bromophenyl-phenylether
 Concen: 3.84 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.27 min
 Lab File: BF091174.D
 Acq: 15 Nov 2016 12:35

Tgt Ion:248 Resp: 25269
 Ion Ratio Lower Upper
 248 100
 250 197.5 76.3 114.5#
 141 648.7 86.8 130.2#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

Instrument :

BNA_F

ClientSampleId :

CPS043041

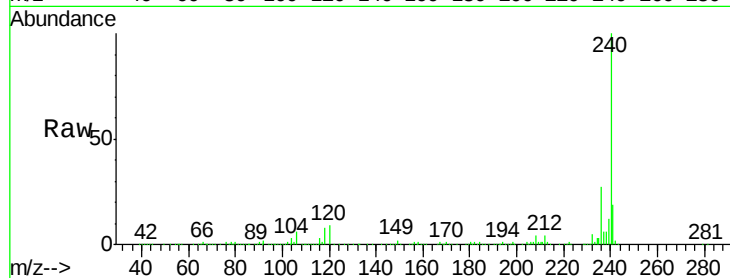
Tgt Ion:240 Resp: 556398

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

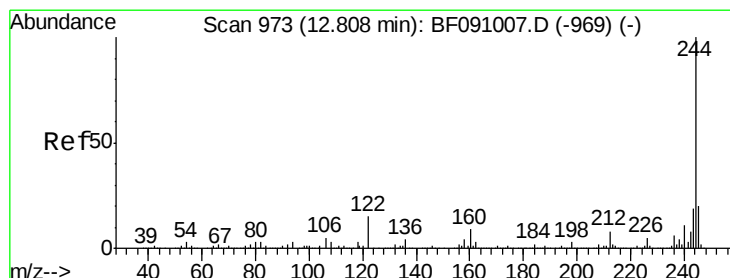
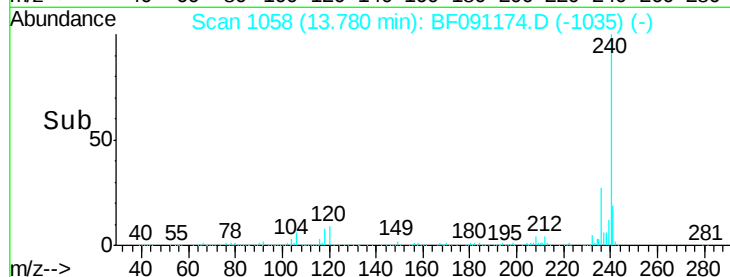
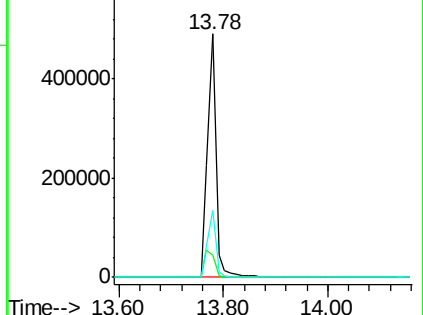
236 27.5 21.9 32.9



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: 95.73 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

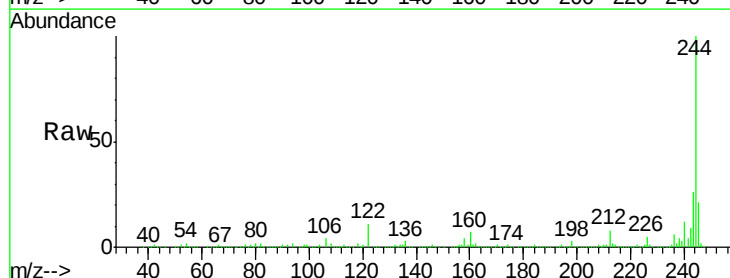
Tgt Ion:244 Resp: 2134475

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

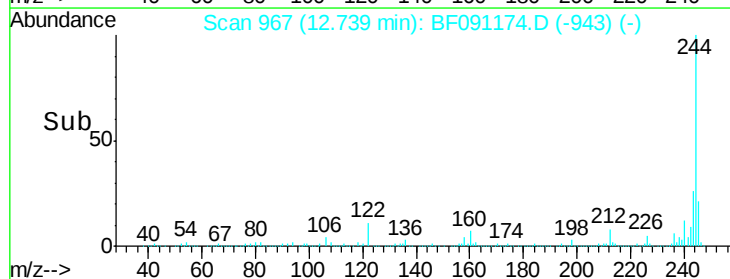
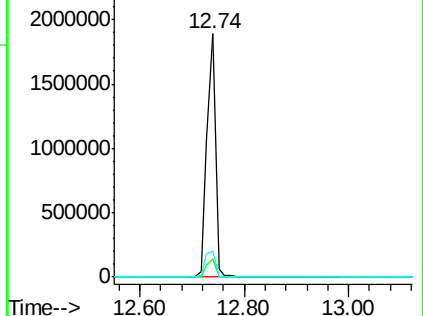
122 10.7 12.3 18.5#

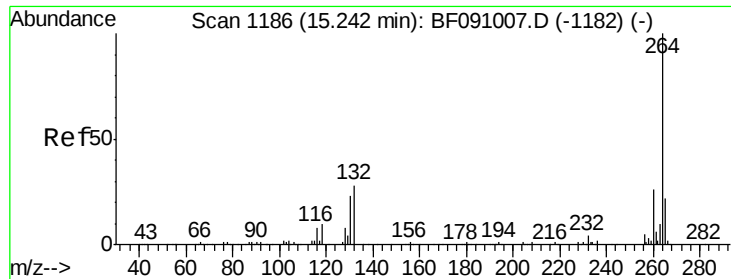


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

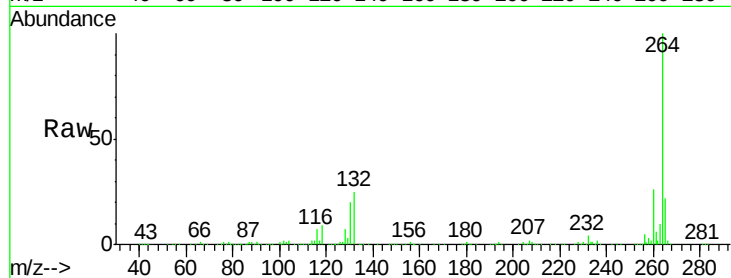




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091174.D
Acq: 15 Nov 2016 12:35

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion: 264 Resp: 431814
Ion Ratio Lower Upper
264 100
260 25.5 20.6 30.8
265 21.8 17.8 26.8



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

