

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086539.D
 Acq On : 30 Apr 2016 23:32
 Operator : UM/SJ
 Sample : H2740-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 05:27:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 05:26:39 2016
 Response via : Initial Calibration

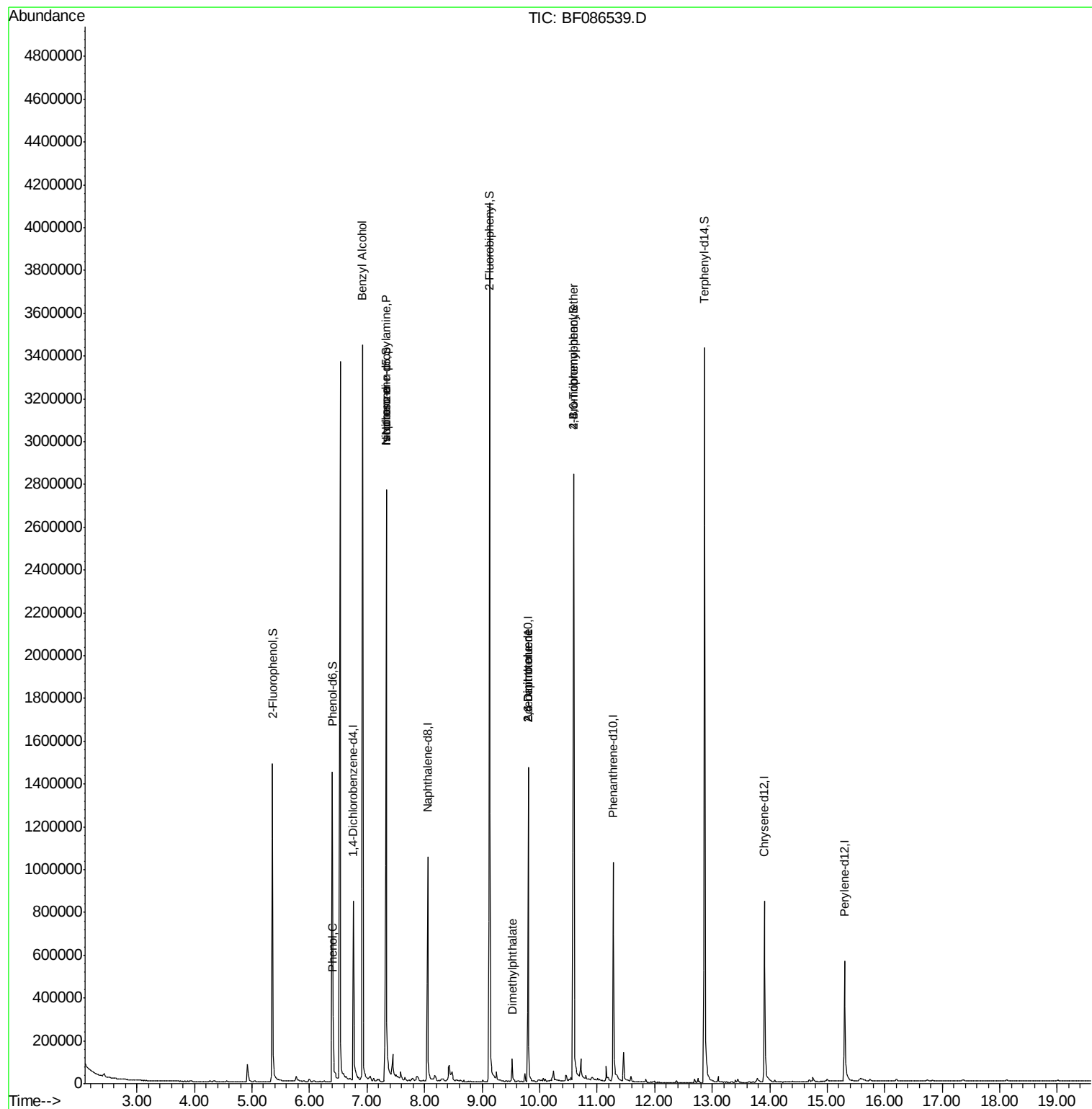
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	131458	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	573870	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	289570	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	547005	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	430977	20.00	ng	-0.01
86) Perylene-d12	15.30	264	315789	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	543256	71.28	ng	0.01
7) Phenol-d6	6.40	99	480564	45.18	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1003687	94.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	358805	117.50	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1452586	88.59	ng	-0.01
78) Terphenyl-d14	12.87	244	1570463	80.28	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.41	94	28709	2.42	ng	77
15) Benzyl Alcohol	6.92	79	16504	2.45	ng	# 39
19) n-Nitroso-di-n-propylamine	7.33	70	134639	19.15	ng	# 77
25) Isophorone	7.33	82	734536	35.85	ng	# 68
49) Dimethylphthalate	9.53	163	58927	2.70	ng	98
50) 2,6-Dinitrotoluene	9.80	165	35542	7.89	ng	# 21
56) 2,4-Dinitrotoluene	9.80	165	35789	6.23	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	22801	4.05	ng	# 1

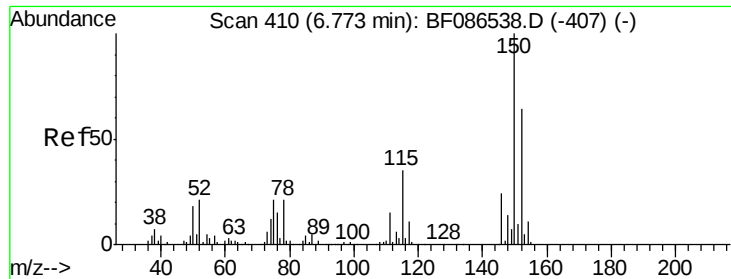
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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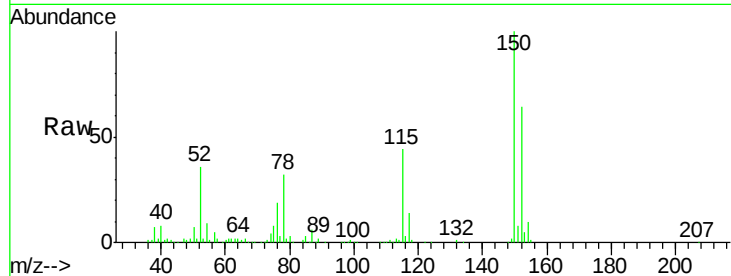


#1

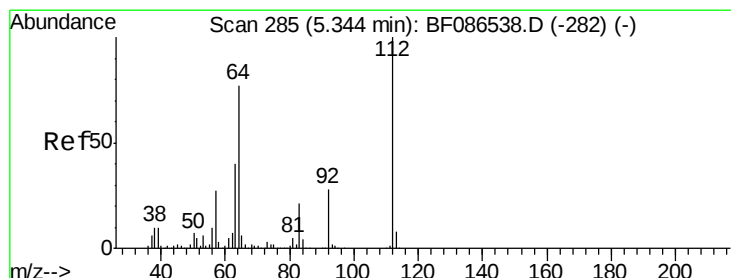
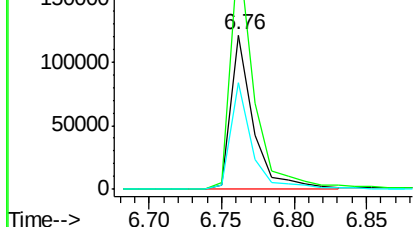
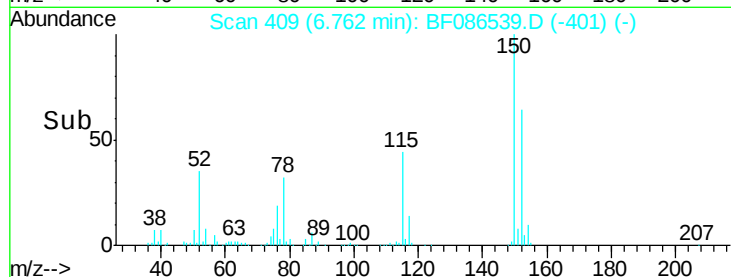
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086539.D
Acq: 30 Apr 2016 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 131458
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 68.9 51.5 77.3



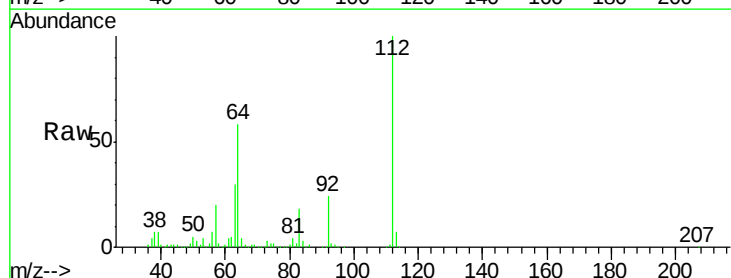
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



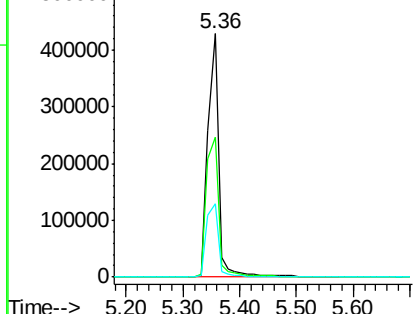
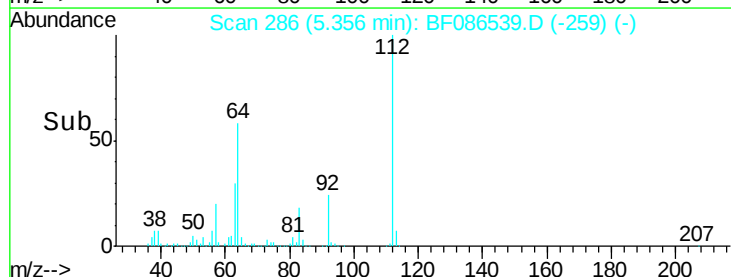
#5

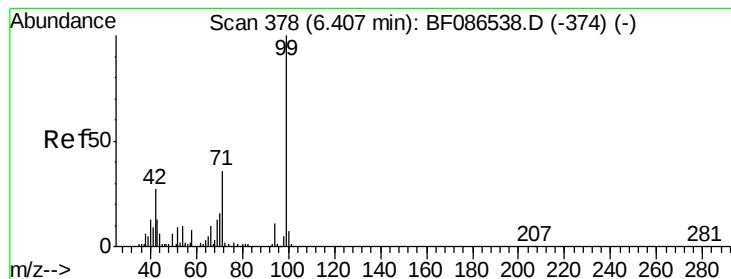
2-Fluorophenol
Concen: 71.28 ng
RT: 5.36 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF086539.D
Acq: 30 Apr 2016 23:32

Tgt Ion:112 Resp: 543256
Ion Ratio Lower Upper
112 100
64 57.6 52.1 78.1
63 30.3 25.7 38.5



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: 45.18 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF086539.D

Acq: 30 Apr 2016 23:32

Instrument :

BNA_F

ClientSampleId :

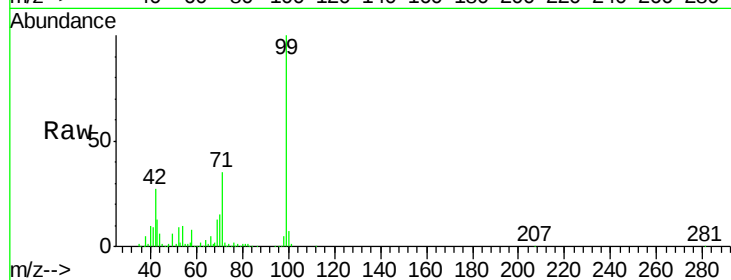
Tot Ion: 99 Resp: 480564

Ion Ratio Lower Upper

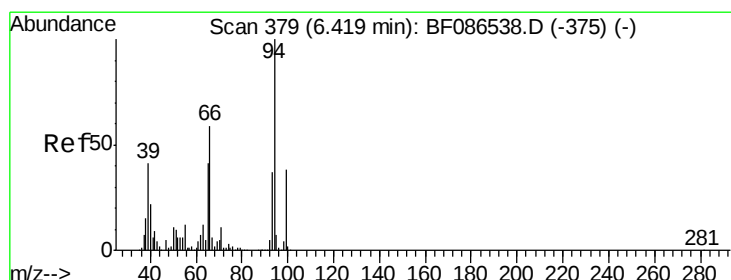
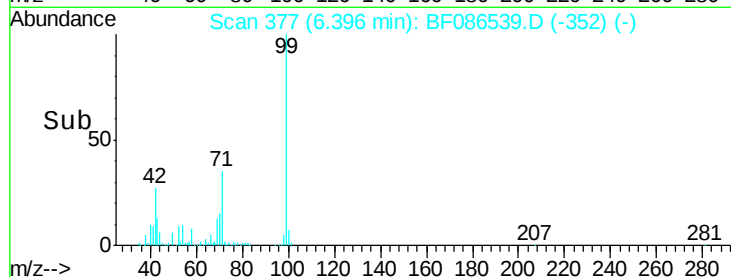
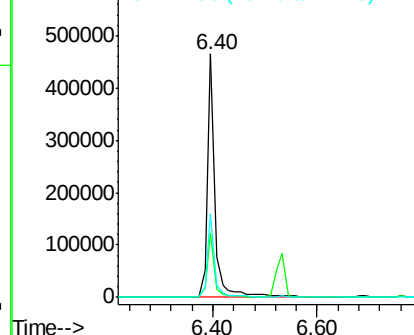
99 100

42 26.6 13.6 20.4#

71 34.5 24.6 36.8



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: 2.42 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086539.D

Acq: 30 Apr 2016 23:32

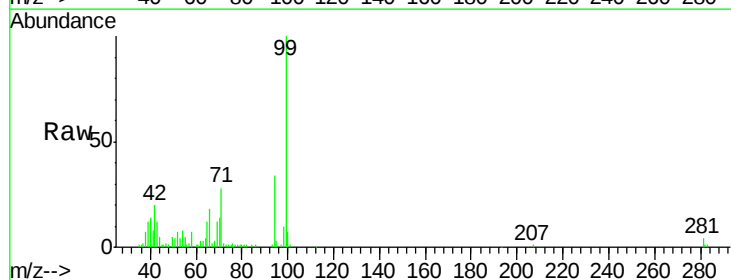
Tgt Ion: 94 Resp: 28709

Ion Ratio Lower Upper

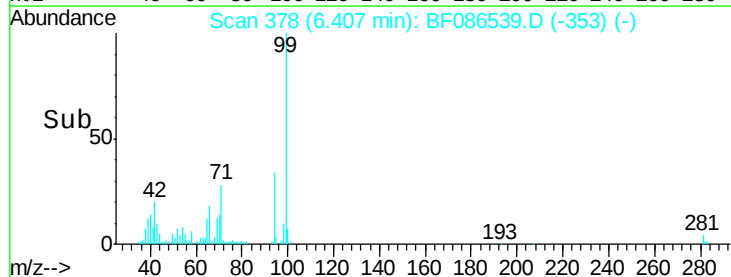
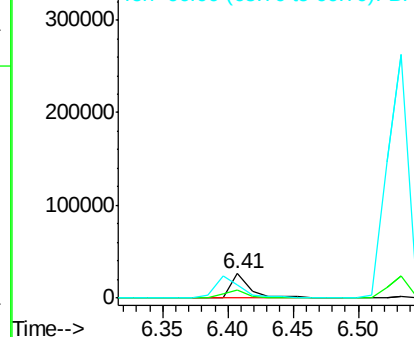
94 100

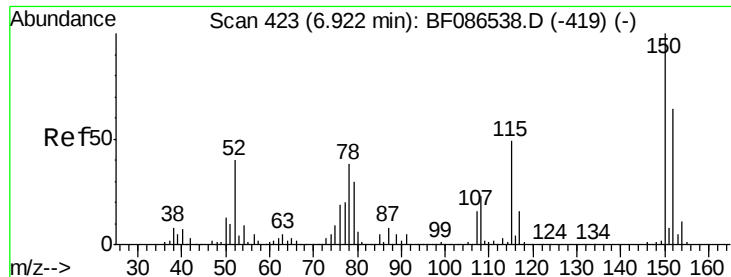
65 34.2 7.2 47.2

66 52.8 14.9 54.9



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





#15

Benzyl Alcohol

Concen: 2.45 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086539.D

Acq: 30 Apr 2016 23:32

Instrument :

BNA_F

ClientSampled :

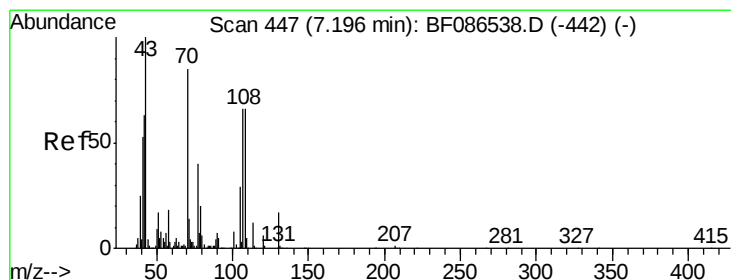
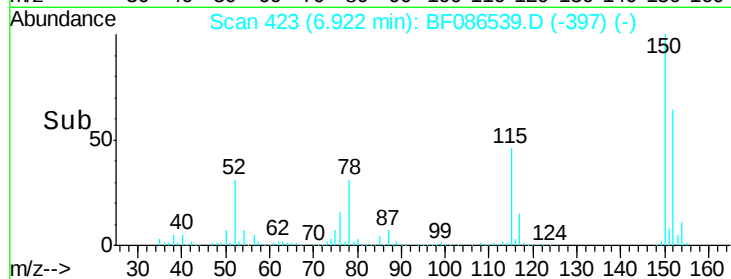
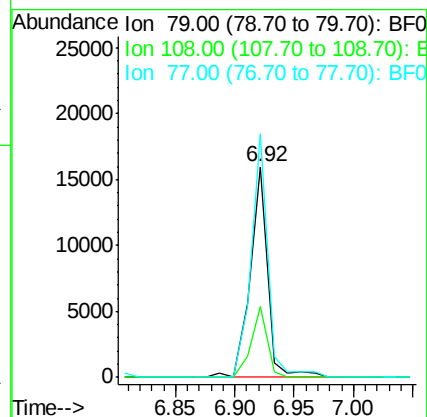
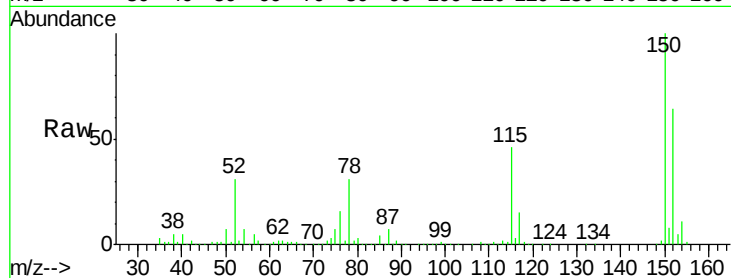
Tot Ion: 79 Resp: 16504

Ion Ratio Lower Upper

79 100

108 33.3 68.4 102.6#

77 115.4 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 19.15 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF086539.D

Acq: 30 Apr 2016 23:32

Tgt Ion: 70 Resp: 134639

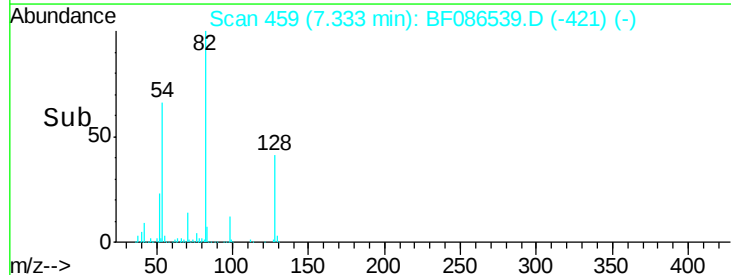
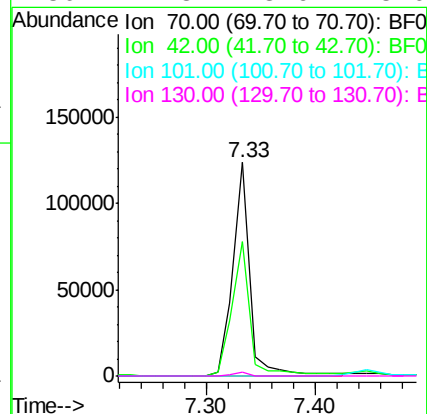
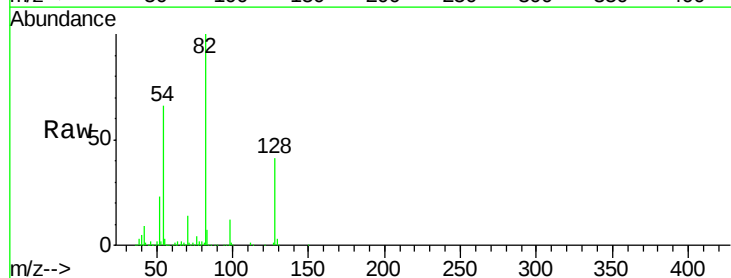
Ion Ratio Lower Upper

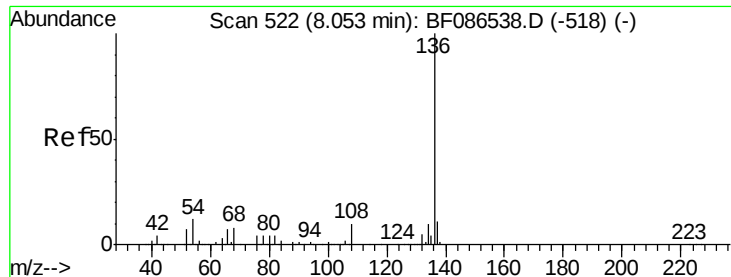
70 100

42 63.2 43.1 64.7

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

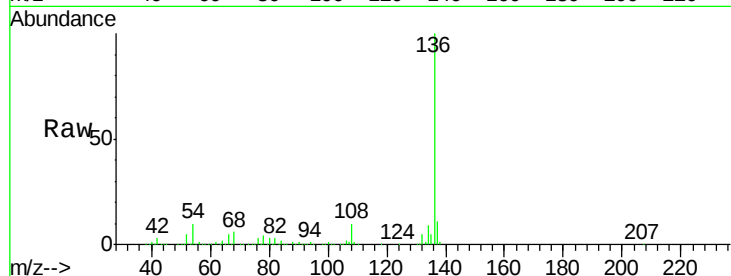




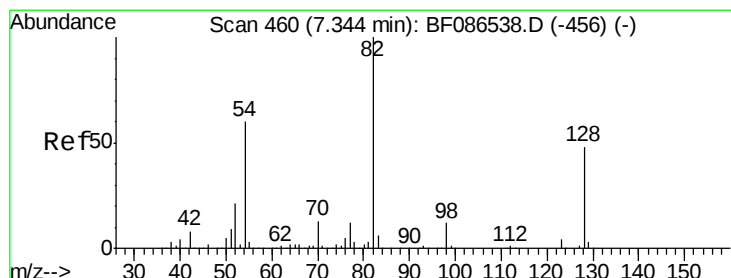
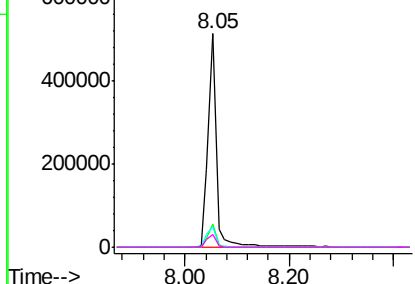
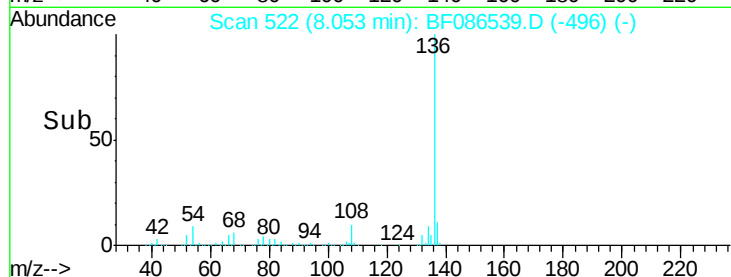
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF086539.D
Acq: 30 Apr 2016 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	573870
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	9.6	5.0 7.4#
68	5.9	4.4 6.6

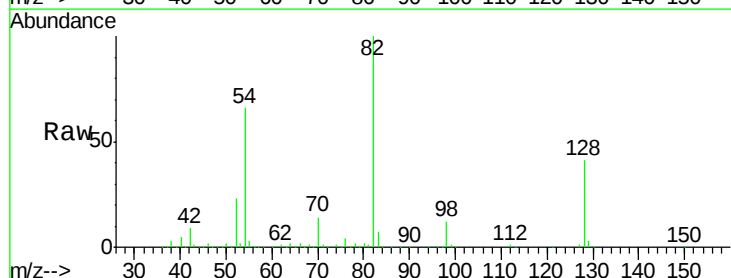


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

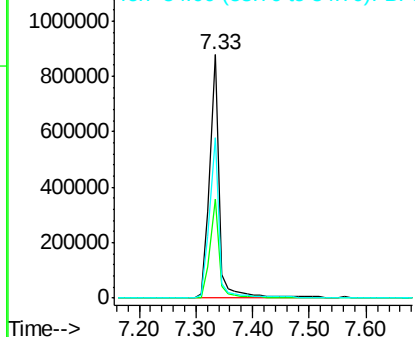
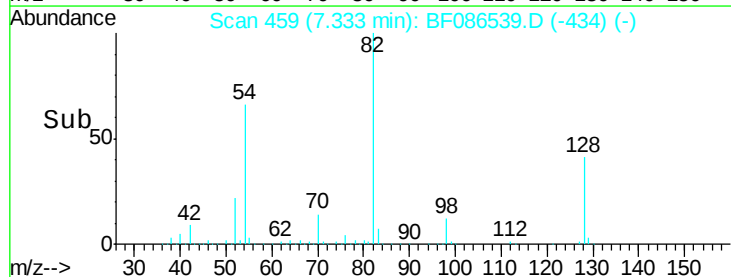


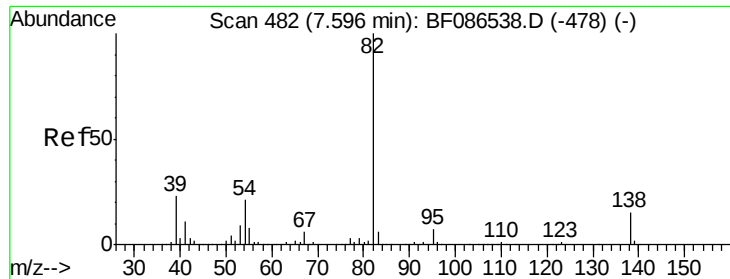
#23
Nitrobenzene-d5
Concen: 94.27 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086539.D
Acq: 30 Apr 2016 23:32

Tgt Ion: 82	Resp:	1003687
Ion	Ratio	Lower Upper
82	100	
128	40.7	40.6 61.0
54	66.1	38.1 57.1#



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





#25

Isophorone

Concen: 35.85 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.26 min

Lab File: BF086539.D

Acq: 30 Apr 2016 23:32

Instrument :

BNA_F

ClientSampleId :

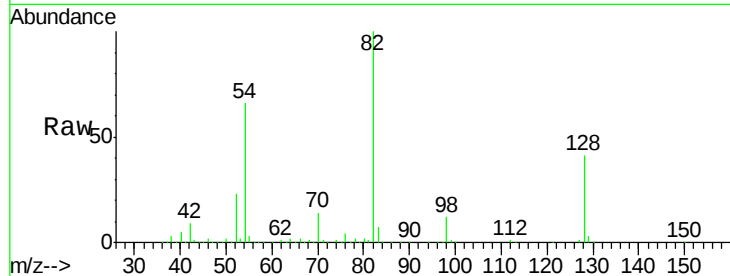
Tot Ion: 82 Resp: 734536

Ion Ratio Lower Upper

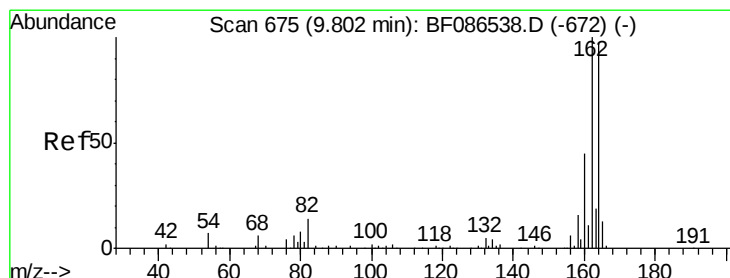
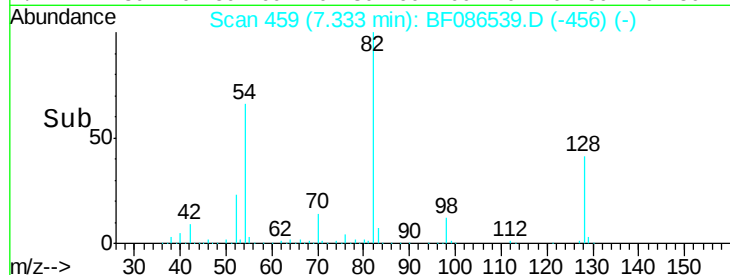
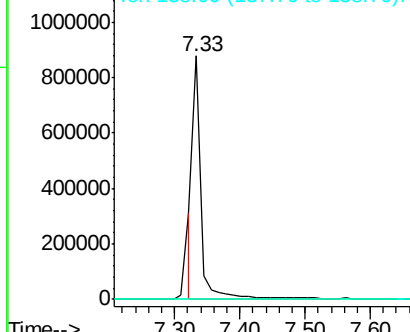
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF086539.D

Acq: 30 Apr 2016 23:32

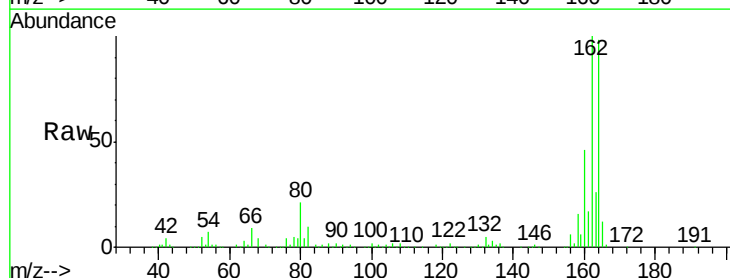
Tgt Ion:164 Resp: 289570

Ion Ratio Lower Upper

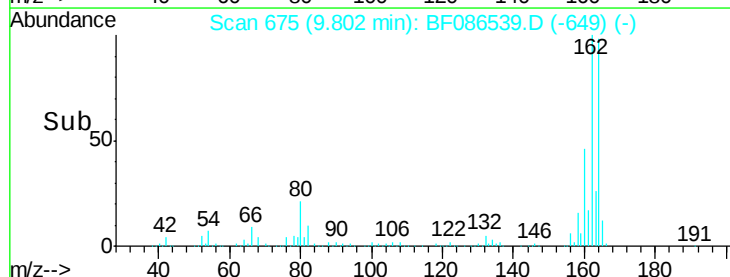
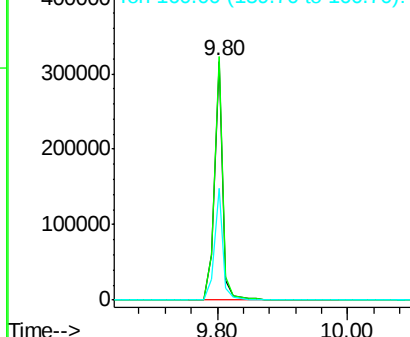
164 100

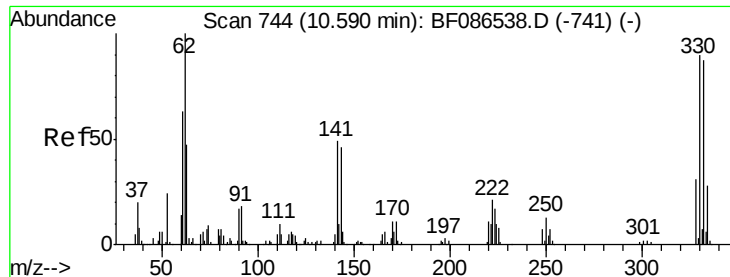
162 101.9 82.8 124.2

160 46.6 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

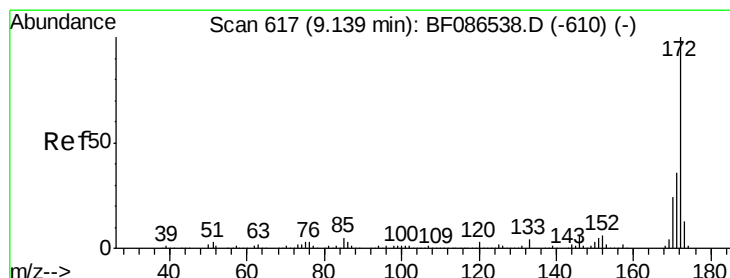
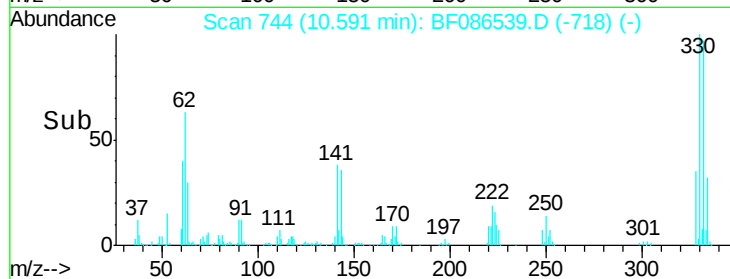
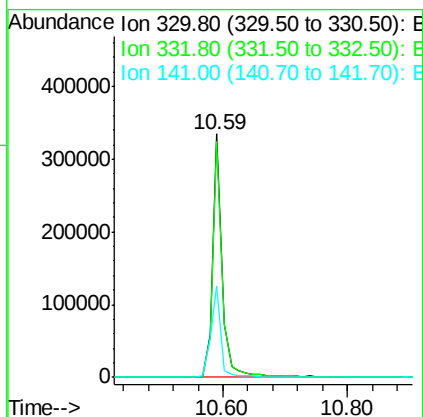
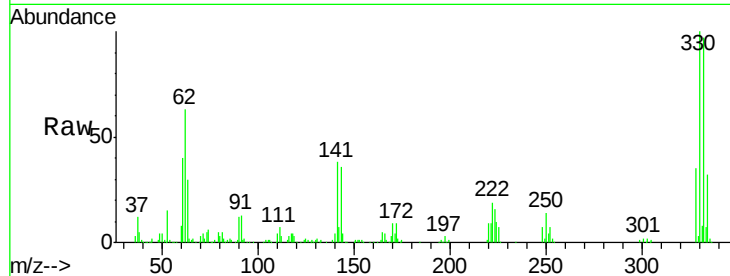




#41
 2,4,6-Tribromophenol
 Concen: 117.50 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF086539.D
 Acq: 30 Apr 2016 23:32

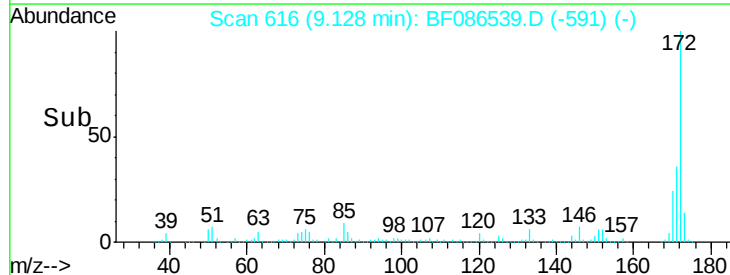
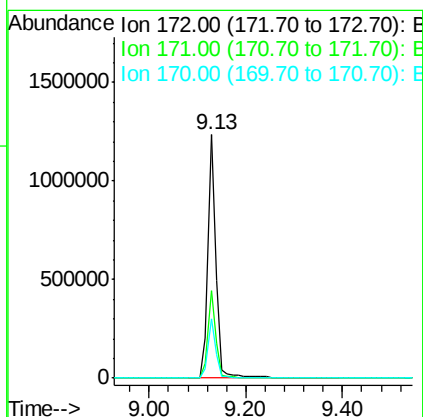
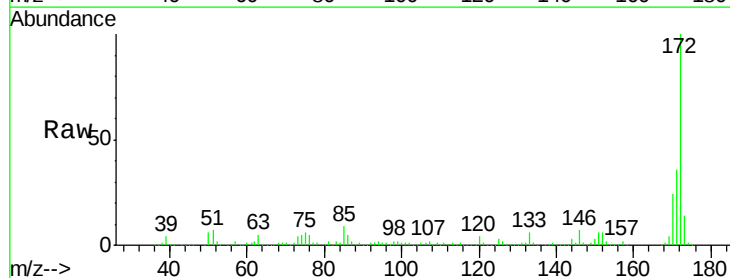
Instrument :
 BNA_F
 ClientSampleId :

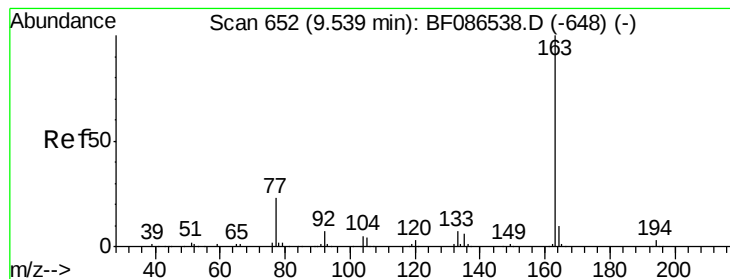
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	40.2	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 88.59 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086539.D
 Acq: 30 Apr 2016 23:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	19.8	29.8





#49

Dimethylphthalate

Concen: 2.70 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086539.D

Acq: 30 Apr 2016 23:32

Instrument :

BNA_F

ClientSampleId :

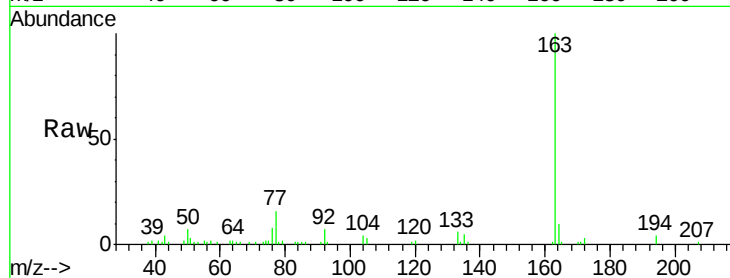
Tot Ion:163 Resp: 58927

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

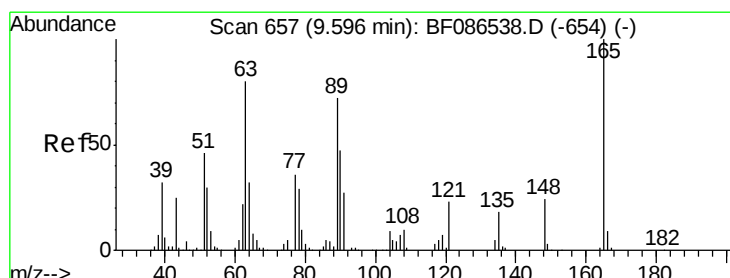
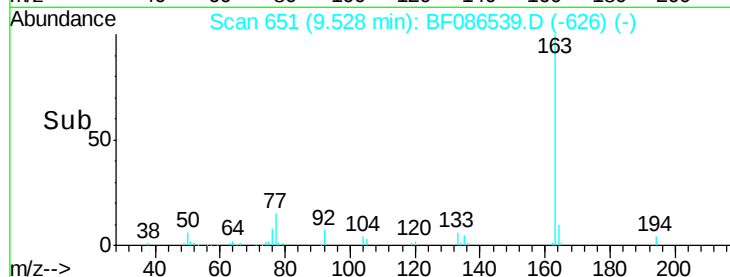
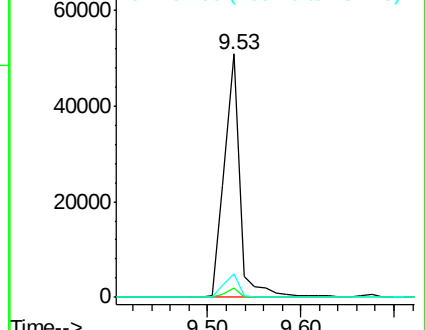
164 9.6 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 7.89 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.21 min

Lab File: BF086539.D

Acq: 30 Apr 2016 23:32

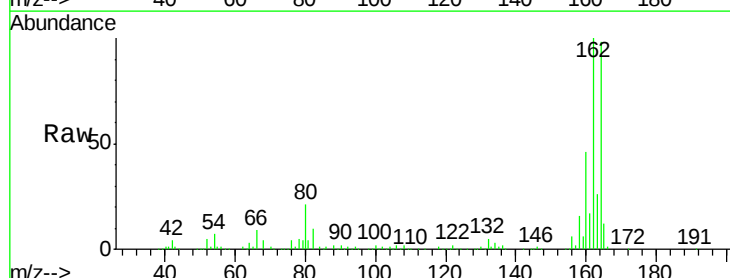
Tgt Ion:165 Resp: 35542

Ion Ratio Lower Upper

165 100

63 1.7 51.8 77.8#

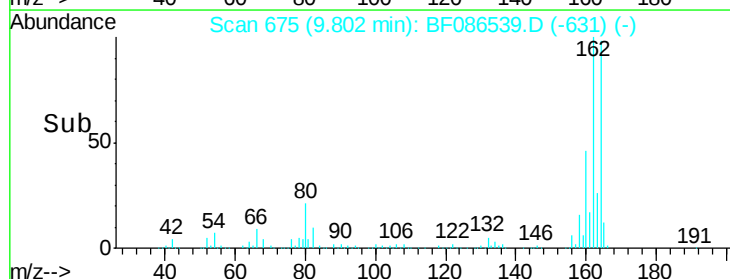
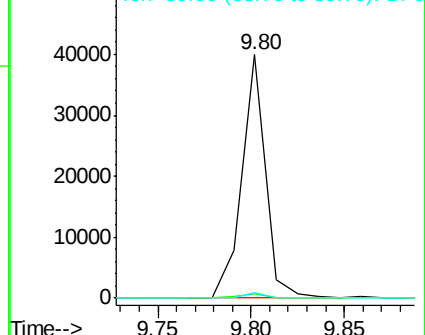
89 2.0 50.7 76.1#

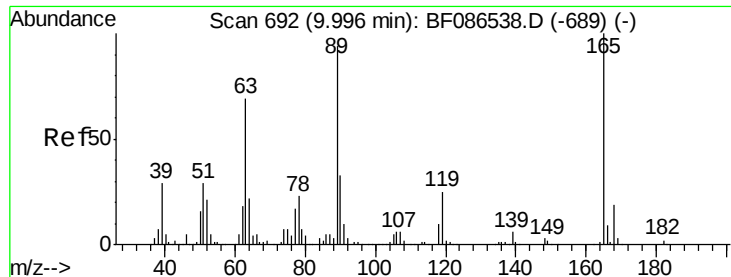


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

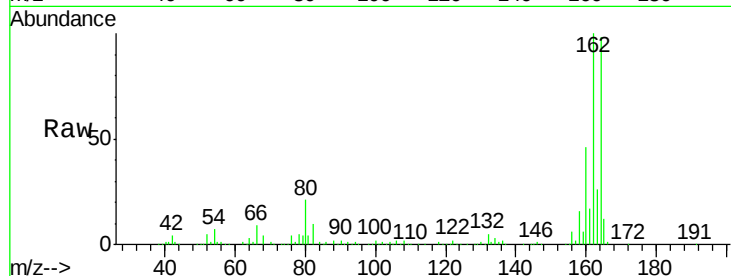




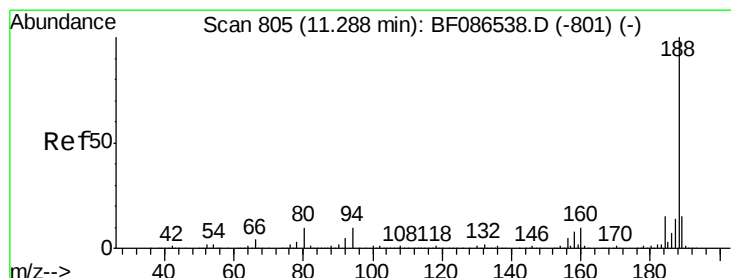
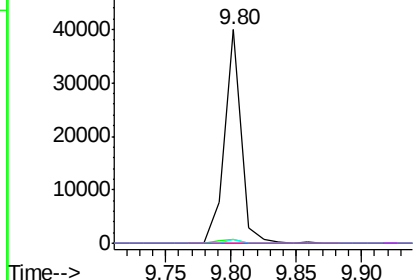
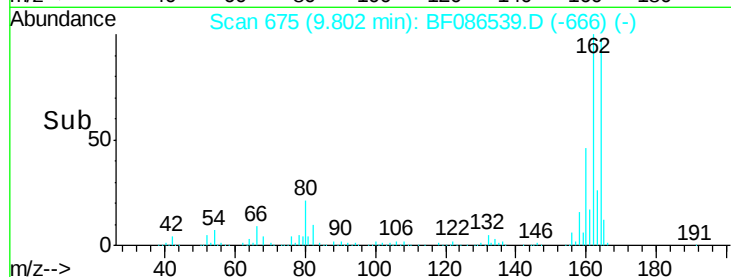
#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.19 min
Lab File: BF086539.D
Acq: 30 Apr 2016 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 35789
Ion Ratio Lower Upper
165 100
63 1.7 44.3 66.5#
89 2.0 70.0 105.0#
182 0.0 1.8 2.6#

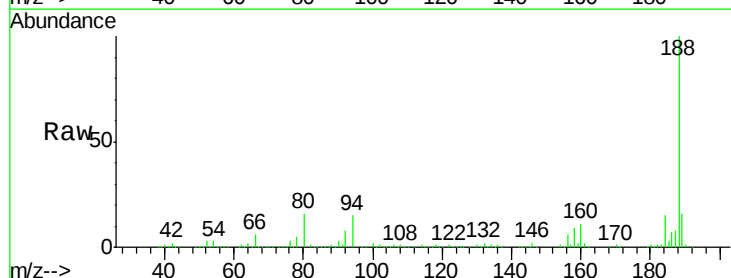


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

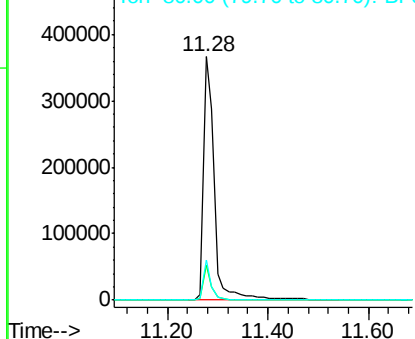
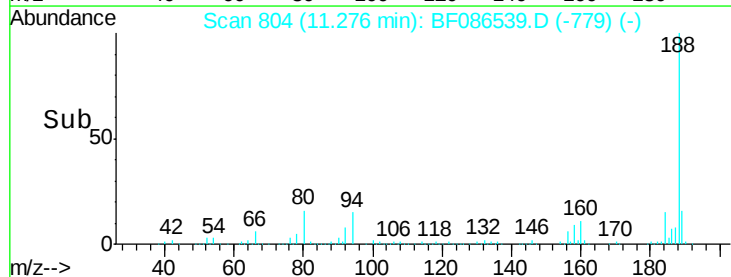


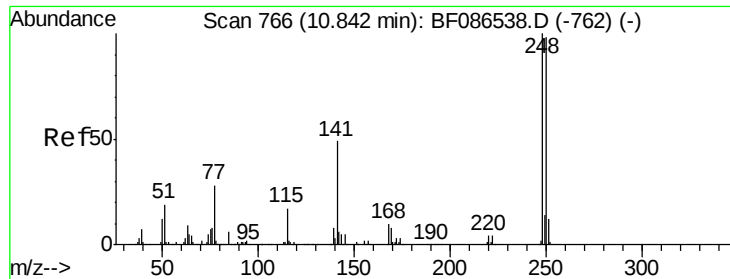
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF086539.D
Acq: 30 Apr 2016 23:32

Tgt Ion:188 Resp: 547005
Ion Ratio Lower Upper
188 100
94 14.5 6.8 10.2#
80 16.2 7.1 10.7#



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

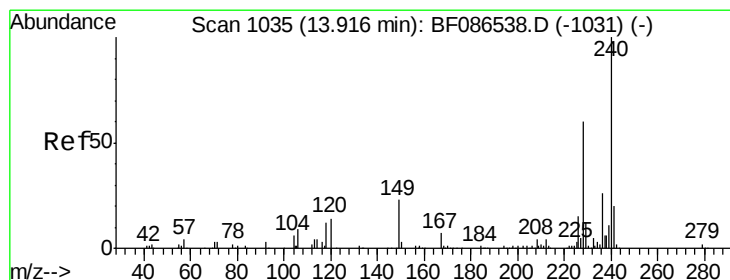
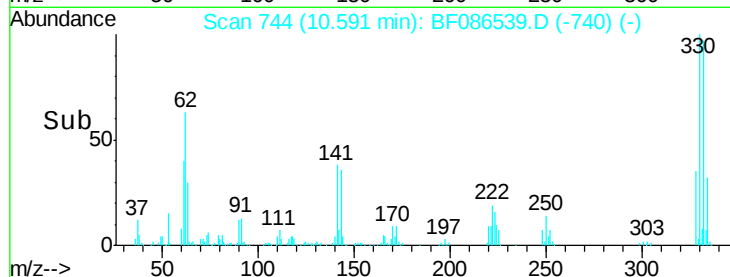
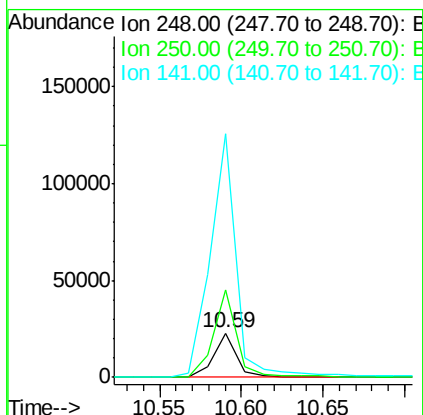
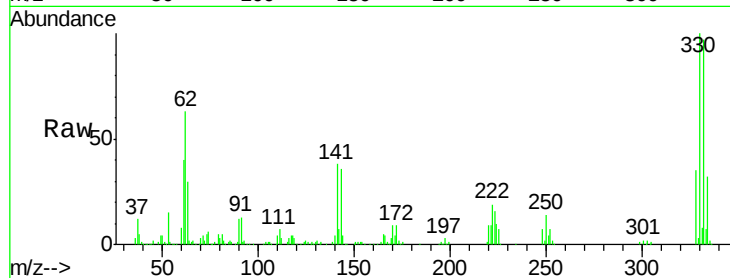




#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF086539.D
Acq: 30 Apr 2016 23:32

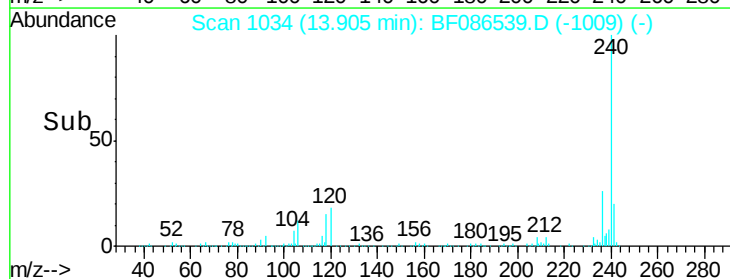
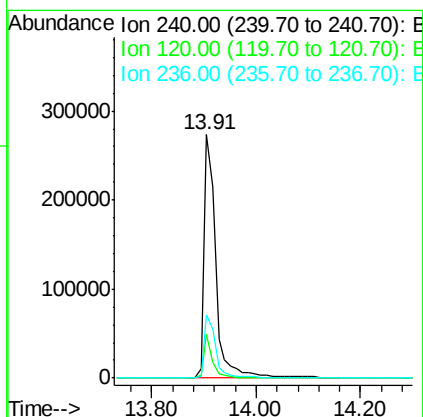
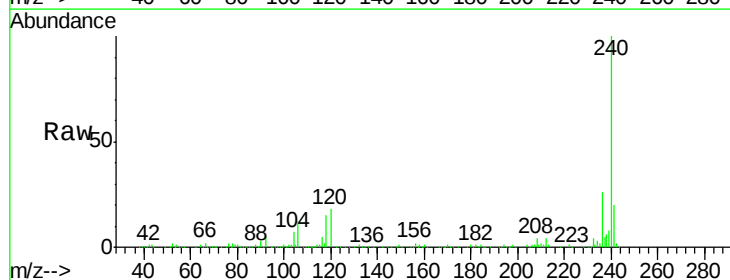
Instrument :
BNA_F
ClientSampleId :

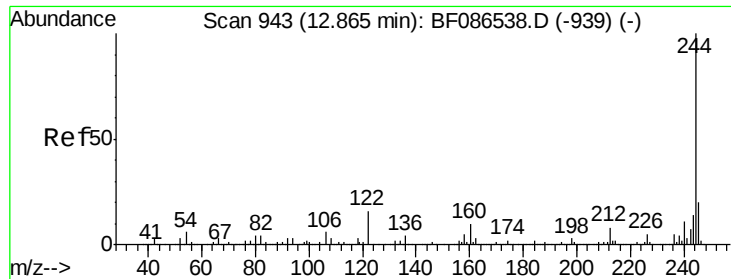
Tot Ion:248 Resp: 22801
Ion Ratio Lower Upper
248 100
250 198.6 78.6 117.8#
141 549.2 76.0 114.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF086539.D
Acq: 30 Apr 2016 23:32

Tgt Ion:240 Resp: 430977
Ion Ratio Lower Upper
240 100
120 17.9 11.2 16.8#
236 26.1 21.2 31.8

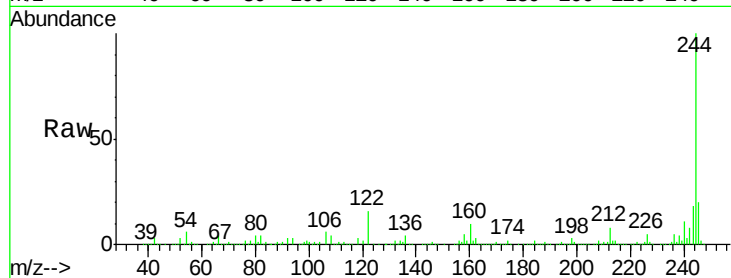




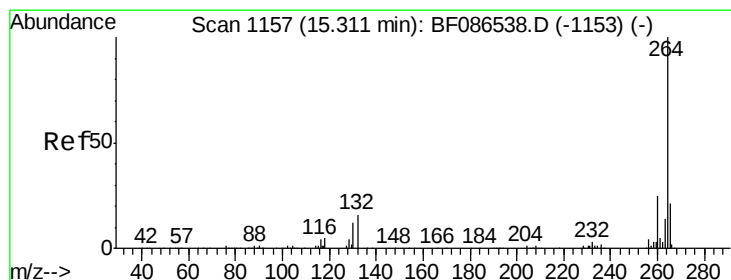
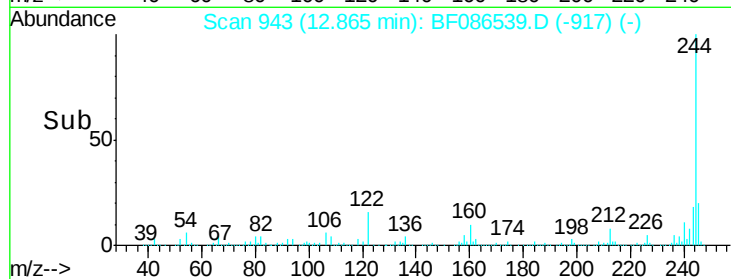
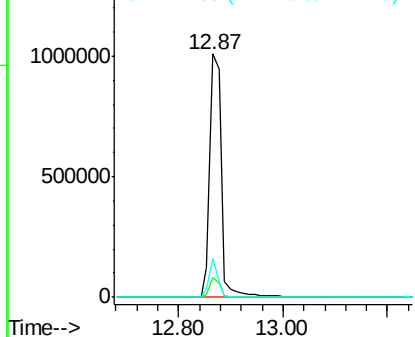
#78
 Terphenyl-d14
 Concen: 80.28 ng
 RT: 12.87 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF086539.D
 Acq: 30 Apr 2016 23:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1570463
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 16.2 12.0 18.0

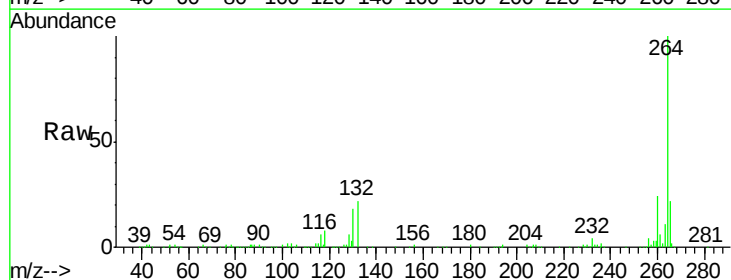


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF086539.D
 Acq: 30 Apr 2016 23:32

Tgt Ion:264 Resp: 315789
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.9 17.3 25.9



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

