

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086033.D
 Acq On : 3 Apr 2016 1:25
 Operator : UM/SJ
 Sample : H2027-07
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-16COMP

Quant Time: Apr 04 01:12:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106167	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	396418	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	174664	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	337486	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	210946	20.00	ng	0.00
86) Perylene-d12	15.33	264	187210	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	845932	136.20	ng	0.02
7) Phenol-d6	6.42	99	894324	113.36	ng	0.00
23) Nitrobenzene-d5	7.34	82	740469	110.15	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	286386	174.69	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1204564	114.67	ng	0.00
78) Terphenyl-d14	12.88	244	1011481	112.71	ng	0.00

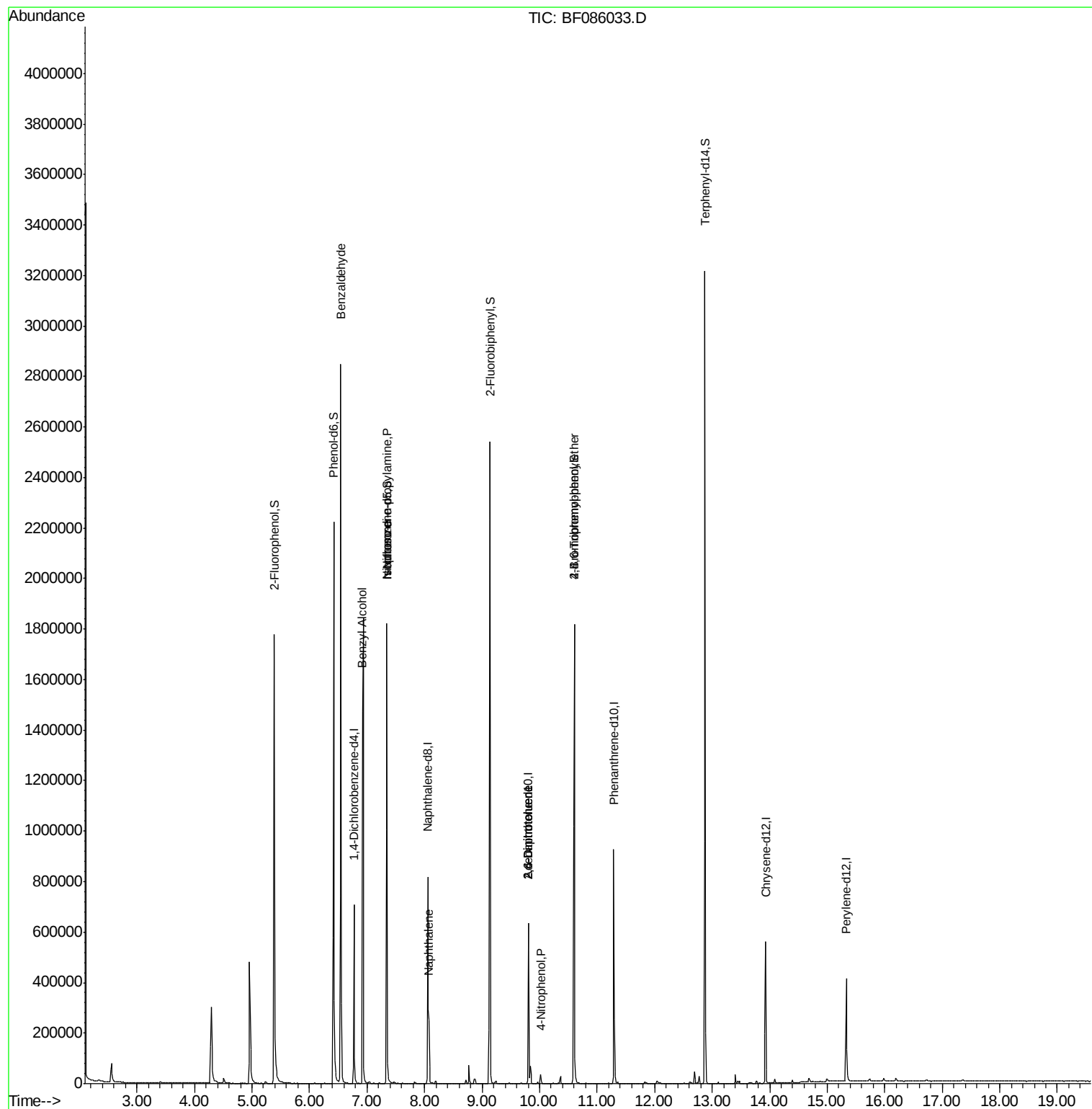
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	18059	4.25	ng	85
15) Benzyl Alcohol	6.92	79	10410	2.04	ng	# 49
19) n-Nitroso-di-n-propylamine	7.34	70	96568	19.75	ng	# 74
25) Isophorone	7.34	82	738621	55.66	ng	# 68
31) Naphthalene	8.08	128	115554	5.80	ng	97
50) 2,6-Dinitrotoluene	9.80	165	22478	8.21	ng	# 17
55) 4-Nitrophenol	10.02	139	7156	3.68	ng	# 10
56) 2,4-Dinitrotoluene	9.80	165	22479	6.49	ng	# 35
66) 4-Bromophenyl-phenylether	10.60	248	18661	5.42	ng	# 1

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

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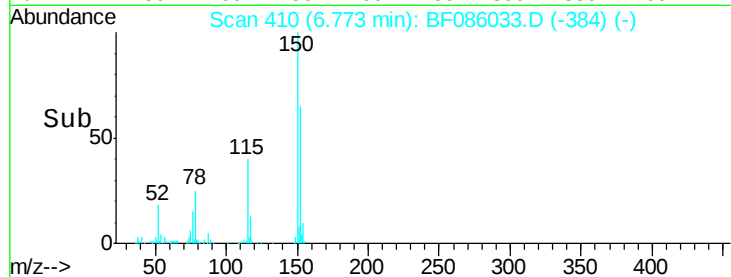
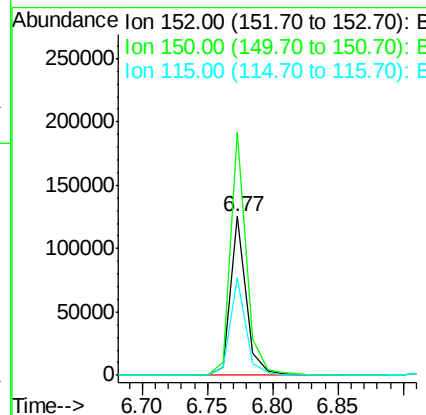
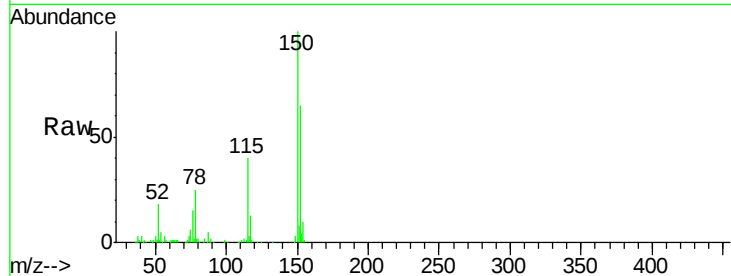


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF086033.D
Acq: 3 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
GRID-16COMP

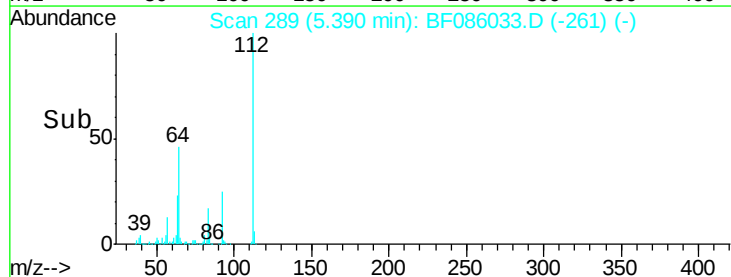
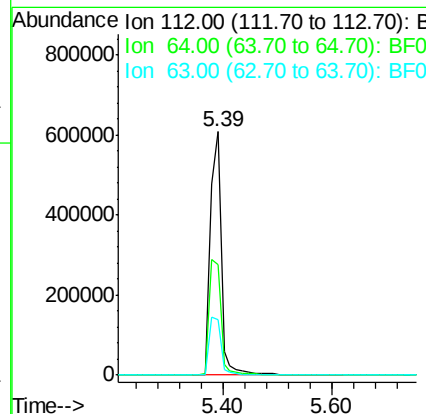
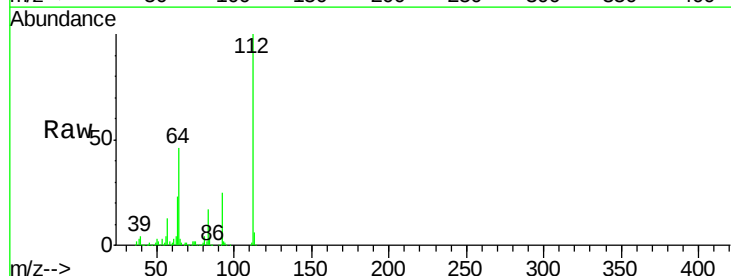
Tgt Ion	Resp	Lower	Upper
152	106167		
150	153.5	124.2	186.2
115	61.3	47.0	70.6



#5

2-Fluorophenol
Concen: 136.20 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.02 min
Lab File: BF086033.D
Acq: 3 Apr 2016 1:25

Tgt Ion	Resp	Lower	Upper
112	845932		
64	45.5	39.9	59.9
63	22.9	20.2	30.2





#7

Phenol-d6

Concen: 113.36 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086033.D

Acq: 3 Apr 2016 1:25

Instrument :

BNA_F

ClientSampleId :

GRID-16COMP

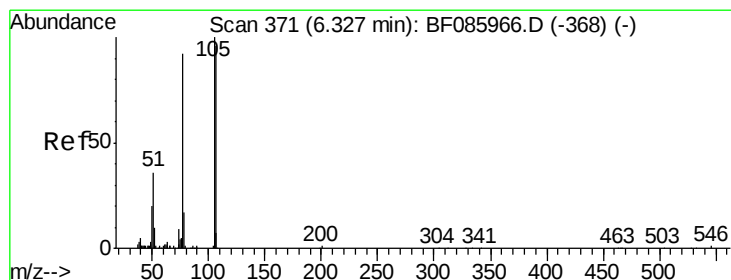
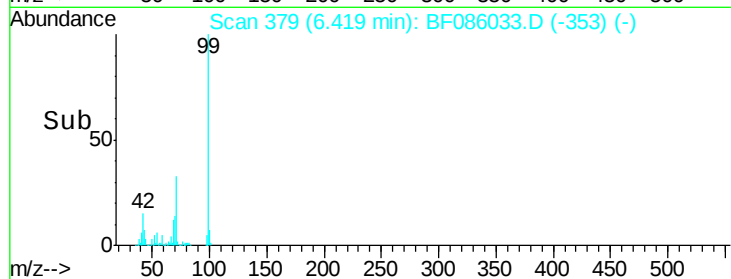
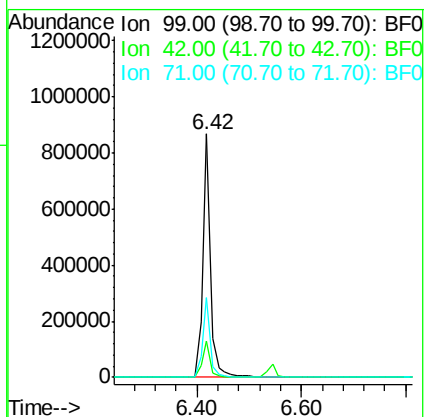
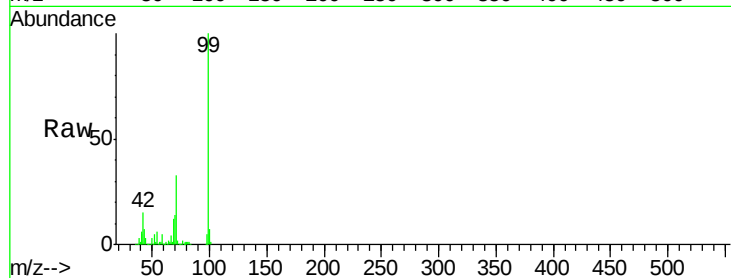
Tgt Ion: 99 Resp: 894324

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

71 32.8 24.9 37.3



#9

Benzaldehyde

Concen: 4.25 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086033.D

Acq: 3 Apr 2016 1:25

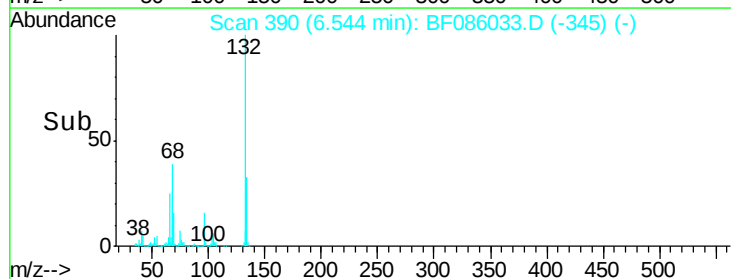
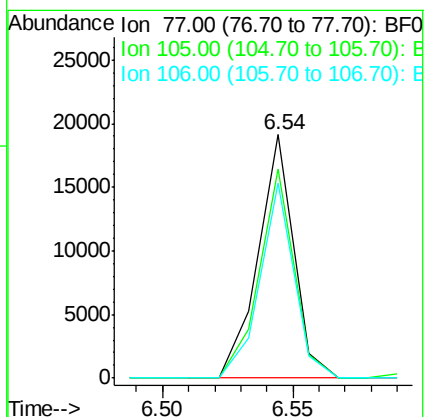
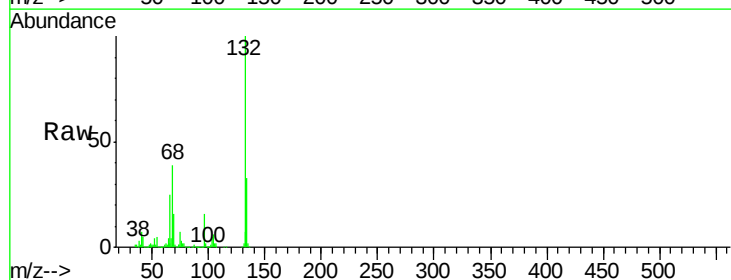
Tgt Ion: 77 Resp: 18059

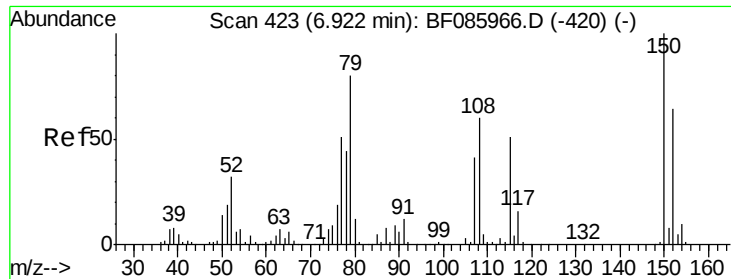
Ion Ratio Lower Upper

77 100

105 85.8 80.1 120.1

106 80.3 75.0 115.0

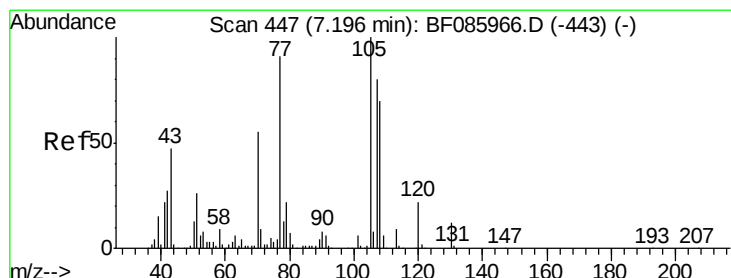
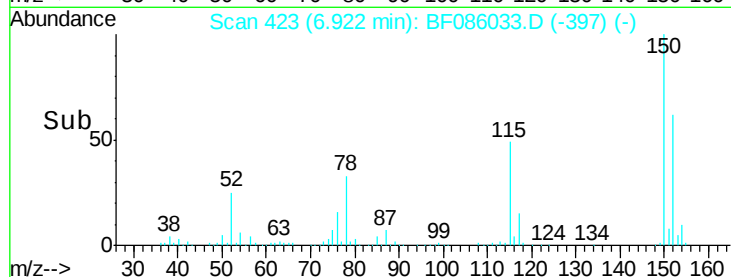
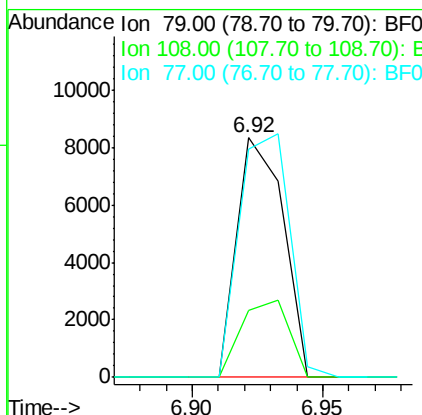
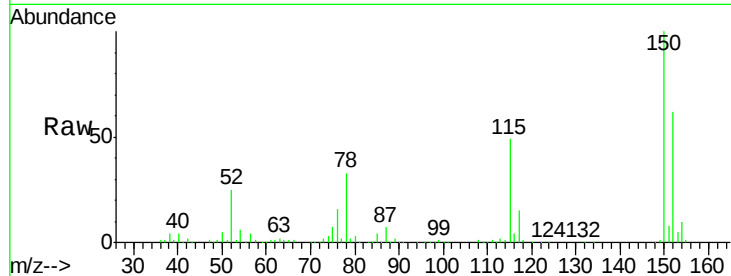




#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086033.D
Acq: 3 Apr 2016 1:25

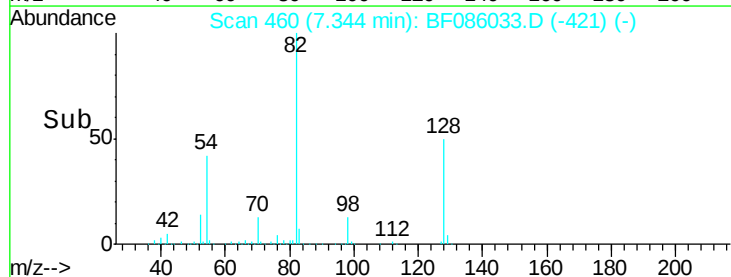
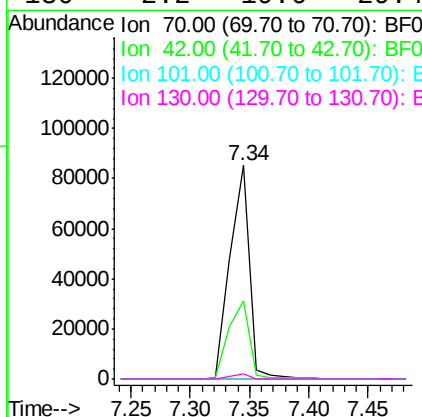
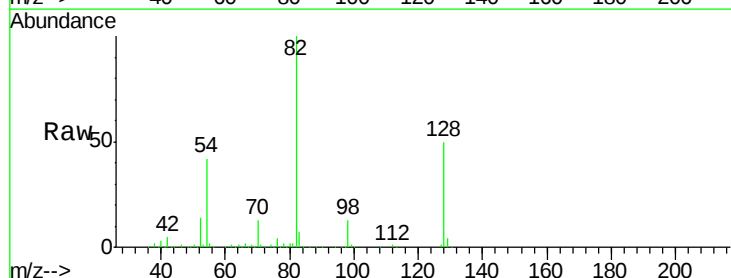
Instrument :
BNA_F
ClientSampleId :
GRID-16COMP

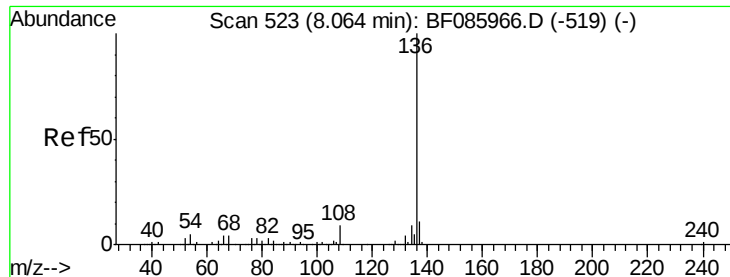
Tgt Ion: 79 Resp: 10410
Ion Ratio Lower Upper
79 100
108 28.1 61.8 92.6#
77 95.4 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.75 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF086033.D
Acq: 3 Apr 2016 1:25

Tgt Ion: 70 Resp: 96568
Ion Ratio Lower Upper
70 100
42 36.6 37.1 55.7#
101 0.0 8.6 12.8#
130 2.2 19.6 29.4#

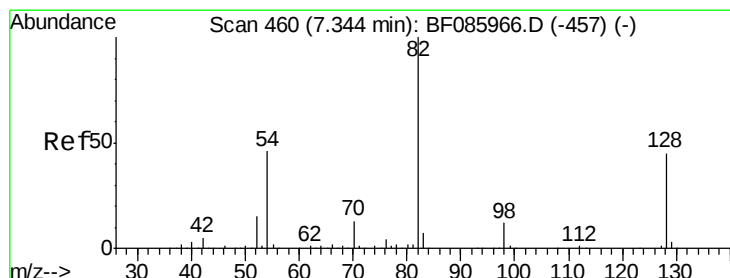
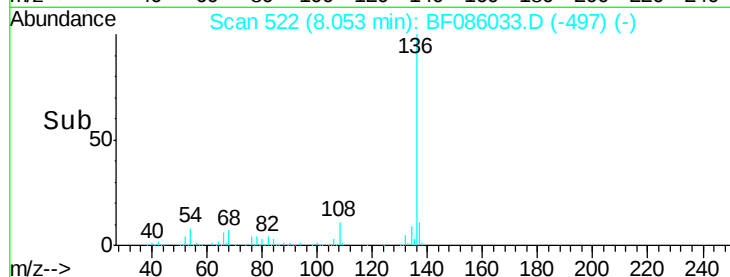
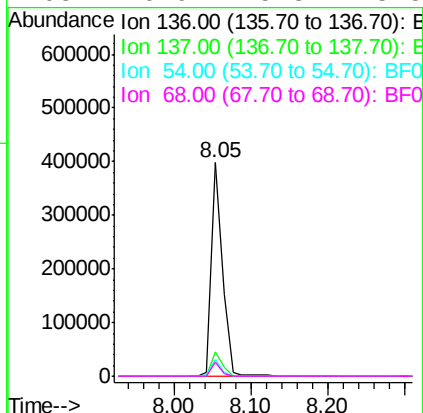
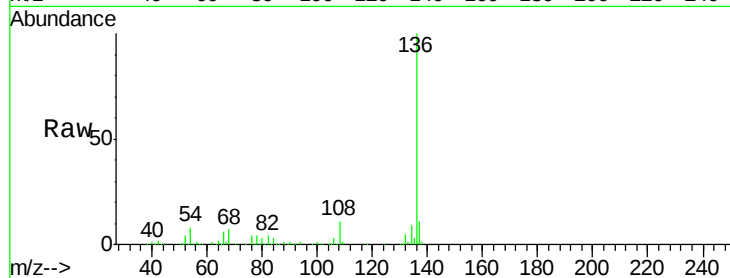




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086033.D
Acq: 3 Apr 2016 1:25

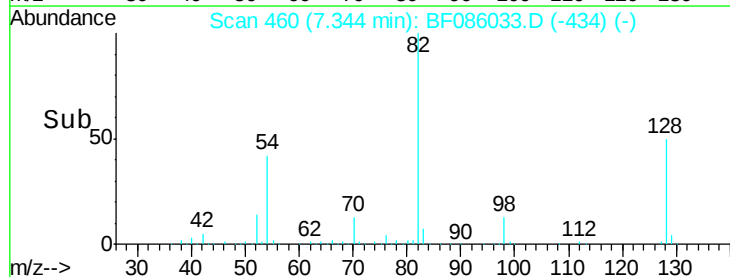
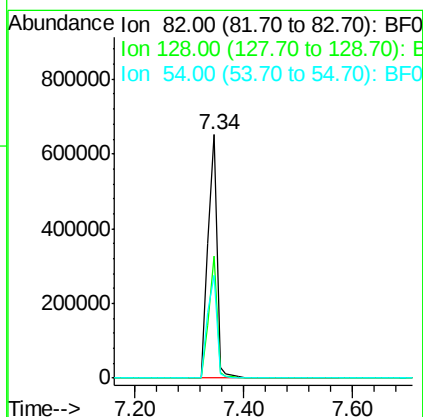
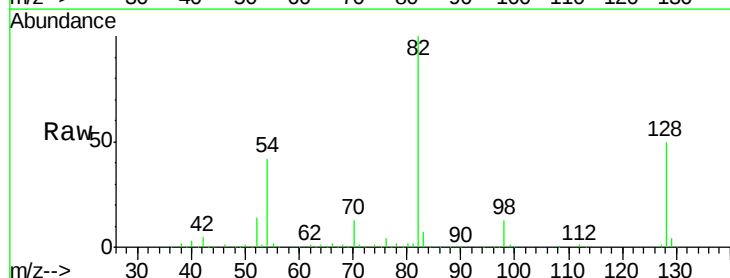
Instrument :
BNA_F
ClientSampleId :
GRID-16COMP

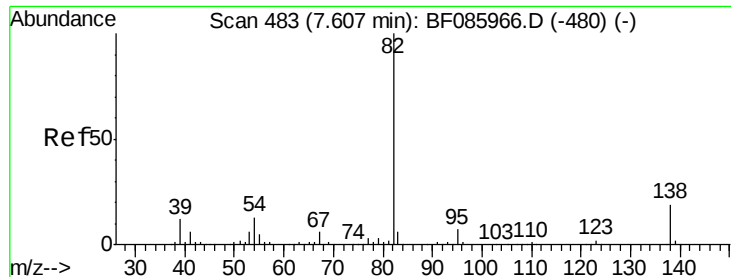
Tgt Ion:	136	Resp:	396418
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.8	7.4	11.0
68	6.9	5.8	8.8



#23
Nitrobenzene-d5
Concen: 110.15 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF086033.D
Acq: 3 Apr 2016 1:25

Tgt Ion:	82	Resp:	740469
Ion	Ratio	Lower	Upper
82	100		
128	50.0	41.8	62.8
54	42.2	33.4	50.0

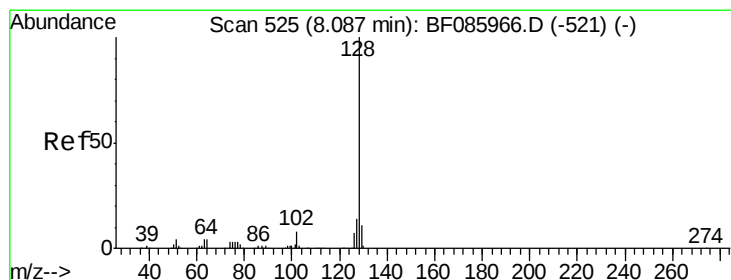
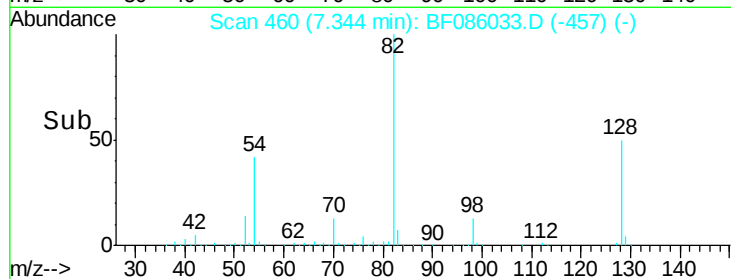
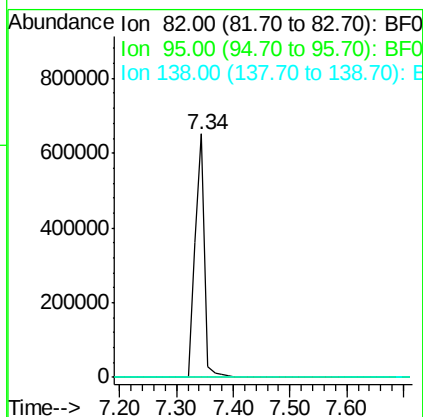
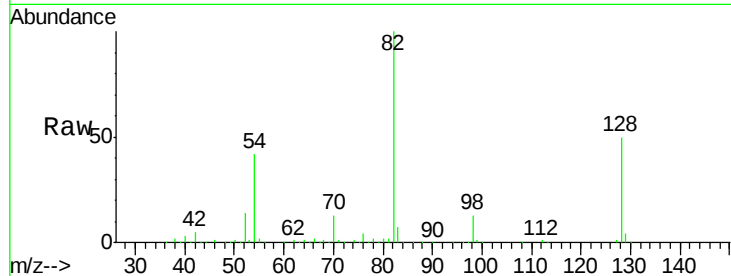




#25
Isophorone
Concen: 55.66 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.26 min
Lab File: BF086033.D
Acq: 3 Apr 2016 1:25

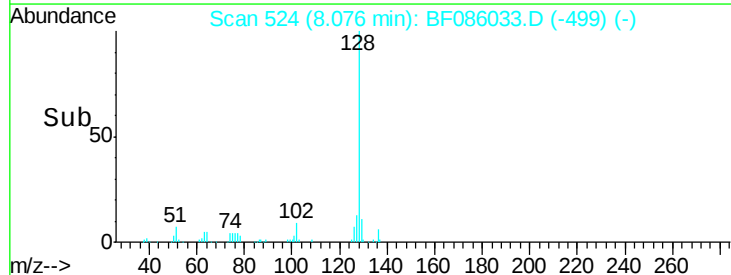
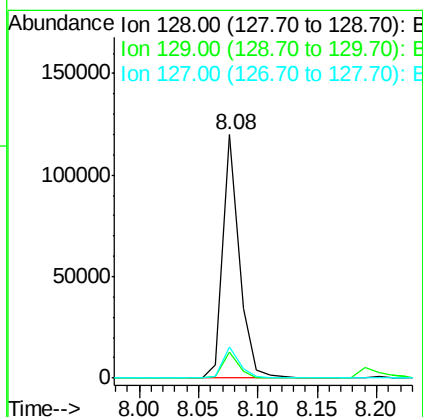
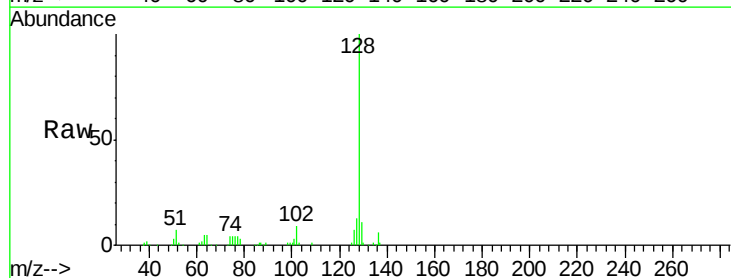
Instrument :
BNA_F
ClientSampleId :
GRID-16COMP

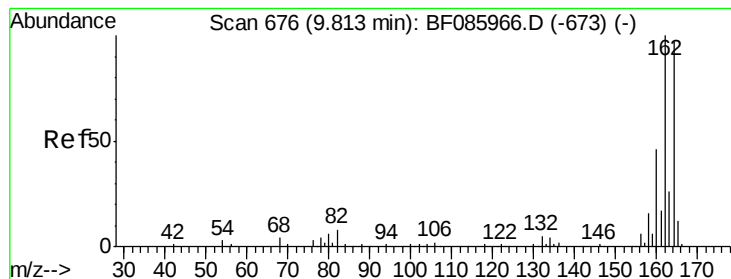
Tgt Ion: 82 Resp: 738621
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#



#31
Naphthalene
Concen: 5.80 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF086033.D
Acq: 3 Apr 2016 1:25

Tgt Ion: 128 Resp: 115554
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.0
127 13.0 11.0 16.6

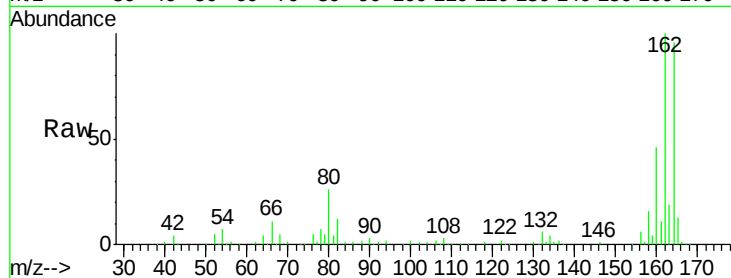




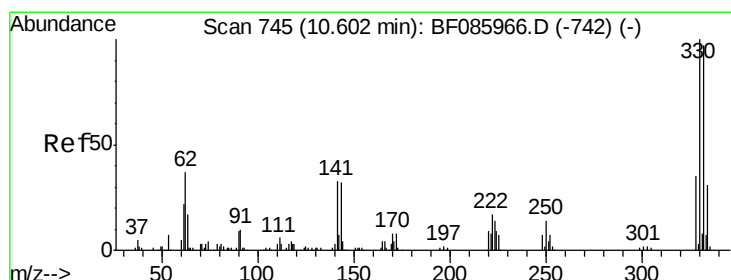
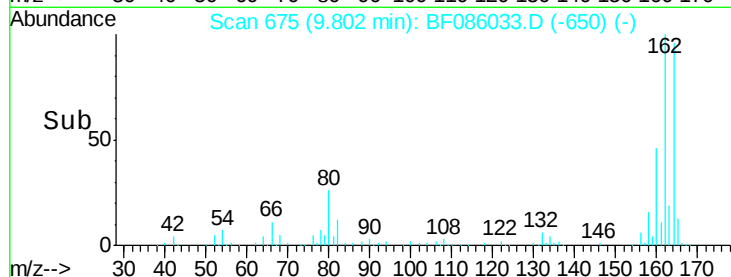
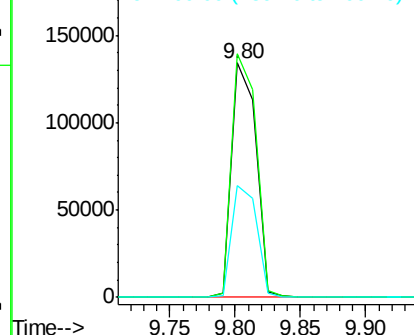
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086033.D
 Acq: 3 Apr 2016 1:25

Instrument :
 BNA_F
 ClientSampleId :
 GRID-16COMP

Tgt Ion:164 Resp: 174664
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.1 123.1
 160 47.6 37.4 56.2

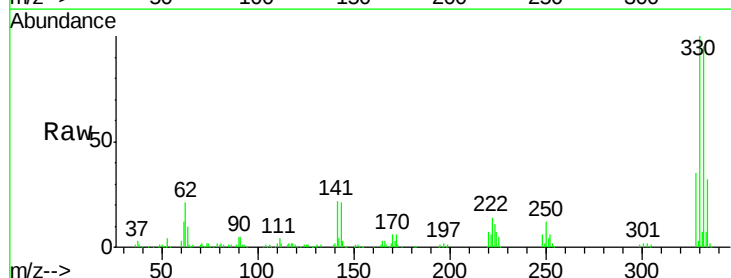


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

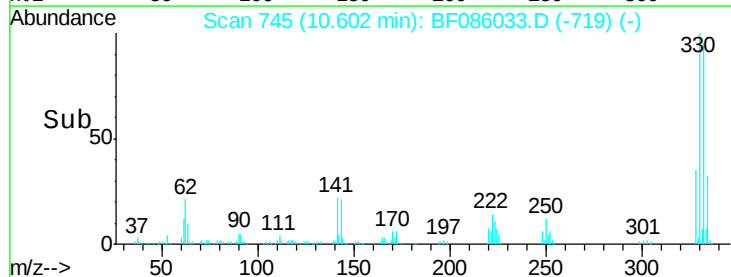
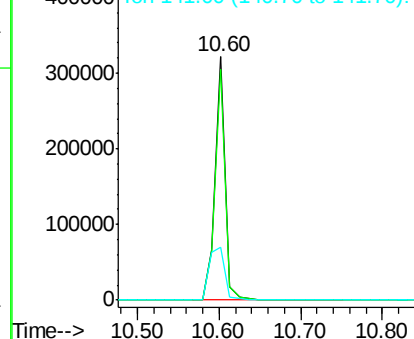


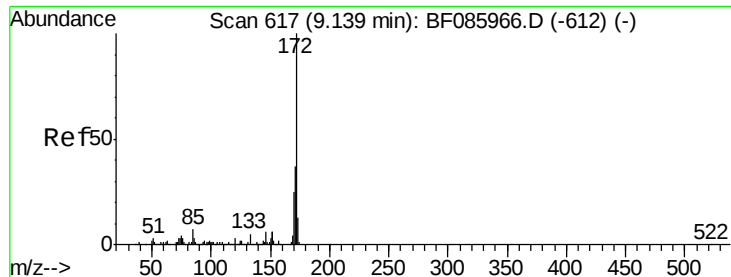
#41
 2,4,6-Tribromophenol
 Concen: 174.69 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086033.D
 Acq: 3 Apr 2016 1:25

Tgt Ion:330 Resp: 286386
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.2 117.2
 141 34.1 31.5 47.3



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: 114.67 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF086033.D

Acq: 3 Apr 2016 1:25

Instrument :

BNA_F

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GRID-16COMP

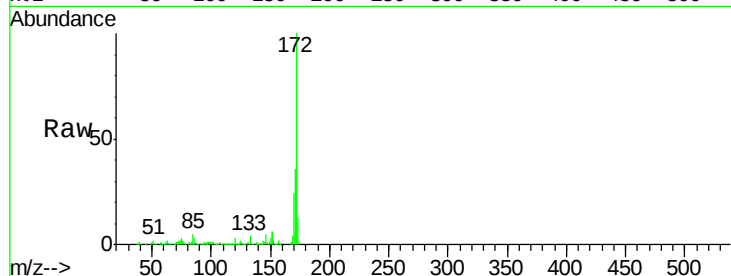
Tgt Ion:172 Resp: 1204564

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.2

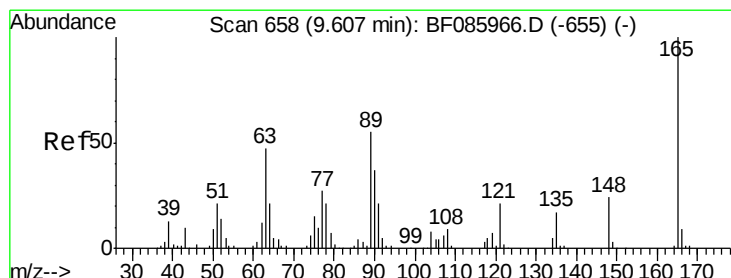
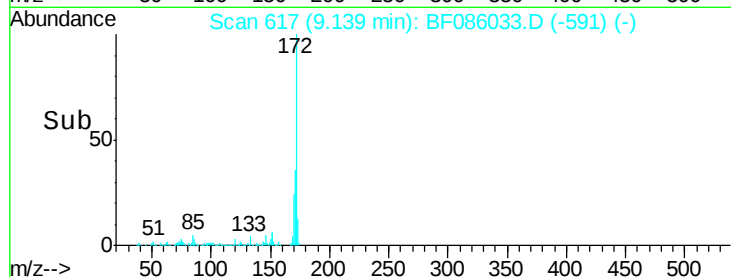
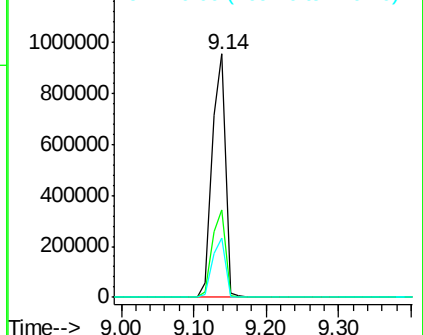
170 24.2 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

2,6-Dinitrotoluene

Concen: 8.21 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.19 min

Lab File: BF086033.D

Acq: 3 Apr 2016 1:25

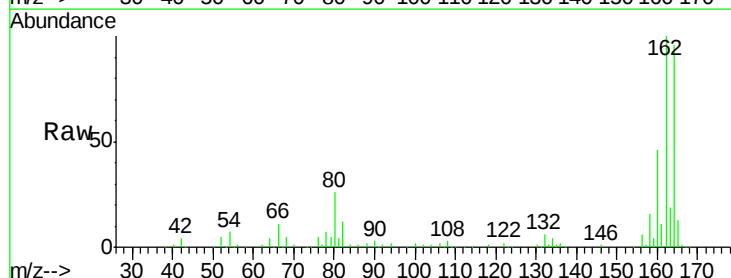
Tgt Ion:165 Resp: 22478

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

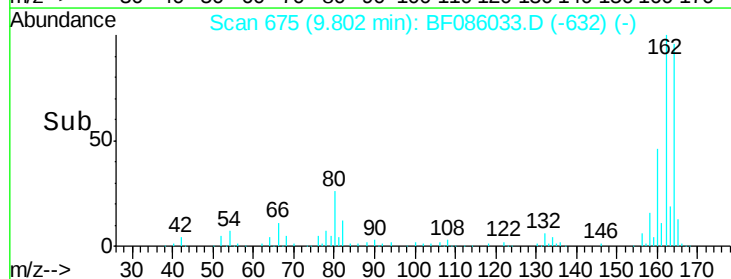
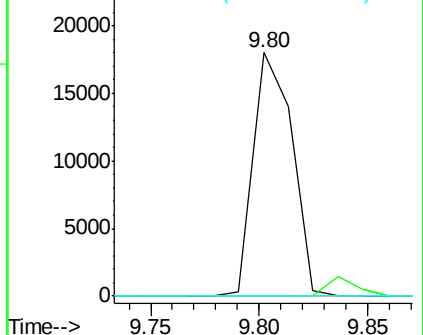
89 0.0 53.7 80.5#

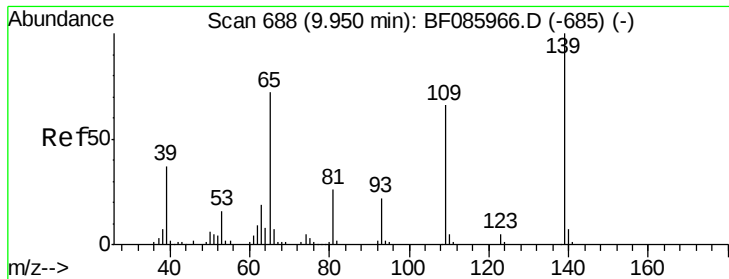


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

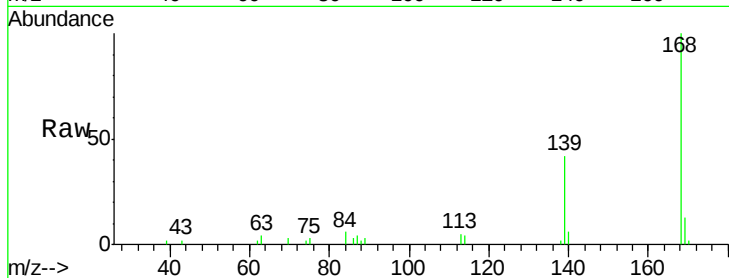




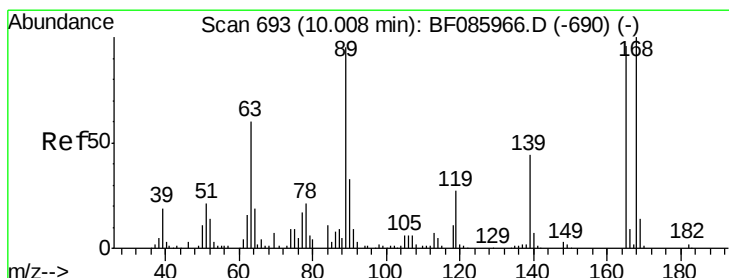
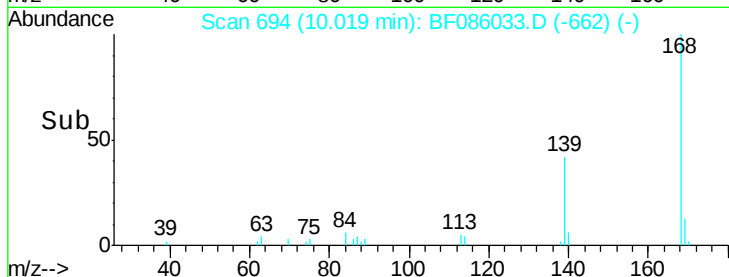
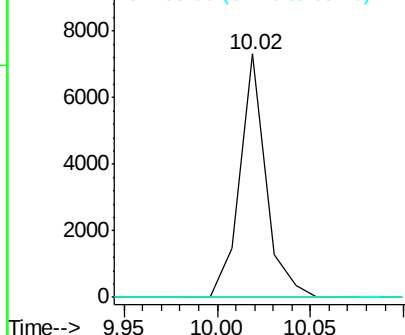
#55
4-Nitrophenol
Concen: 3.68 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.07 min
Lab File: BF086033.D
Acq: 3 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
GRID-16COMP

Tgt Ion:139 Resp: 7156
Ion Ratio Lower Upper
139 100
109 0.0 49.2 89.2#
65 0.0 66.9 106.9#



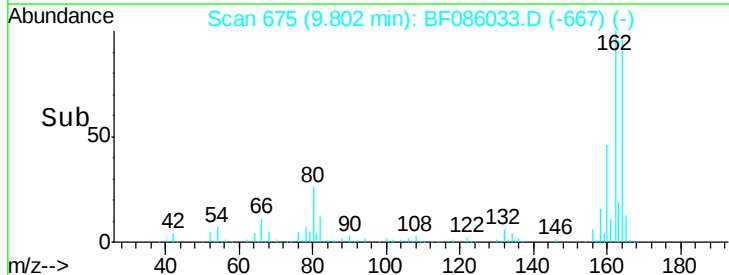
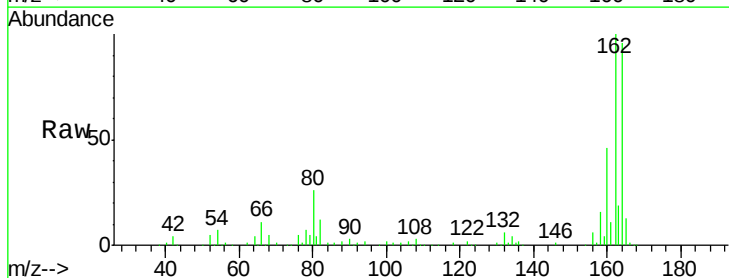
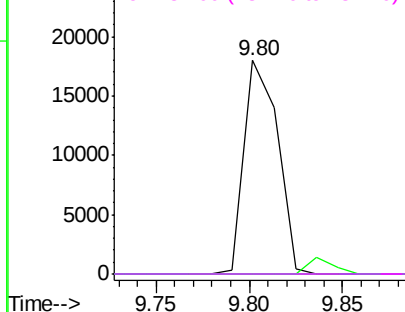
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

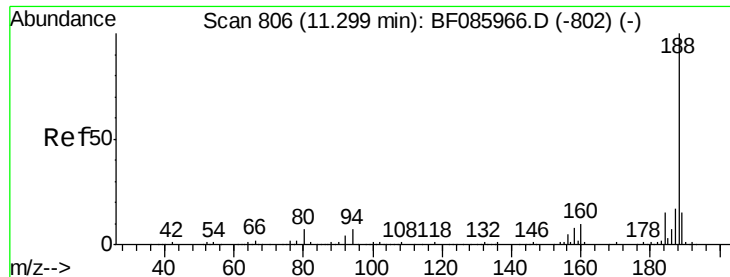


#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF086033.D
Acq: 3 Apr 2016 1:25

Tgt Ion:165 Resp: 22479
Ion Ratio Lower Upper
165 100
63 0.0 24.9 37.3#
89 0.0 41.0 61.6#
182 0.0 2.1 3.1#

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
Ion 182.00 (181.70 to 182.70): E

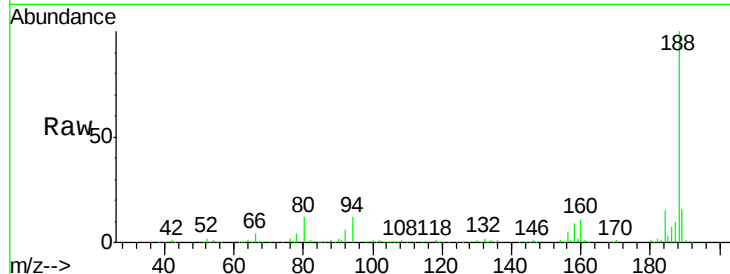




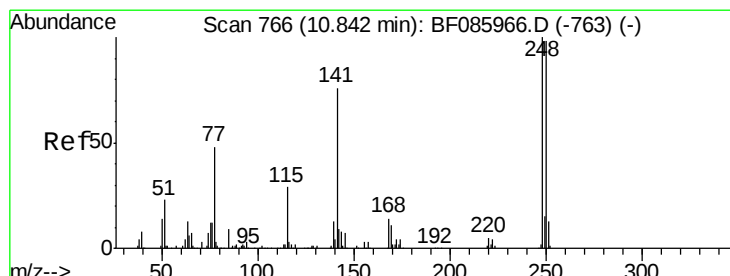
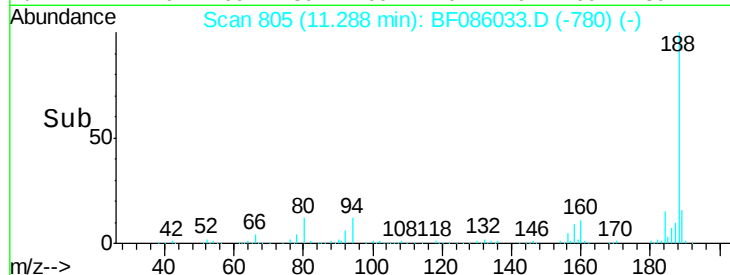
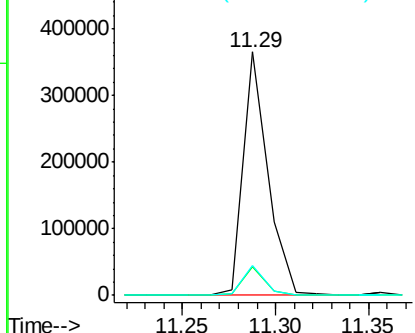
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086033.D
Acq: 3 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
GRID-16COMP

Tgt Ion:188 Resp: 337486
Ion Ratio Lower Upper
188 100
94 11.6 5.4 8.0#
80 12.3 5.5 8.3#

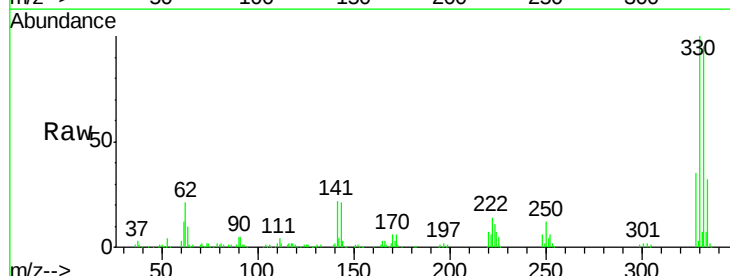


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

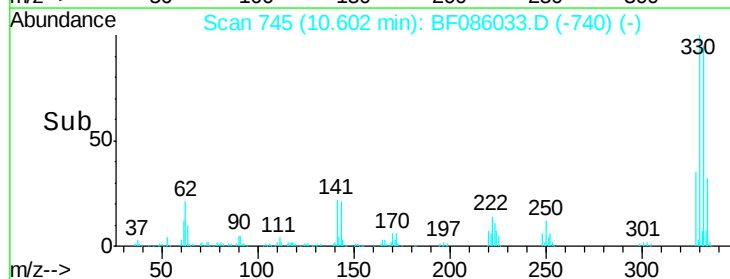
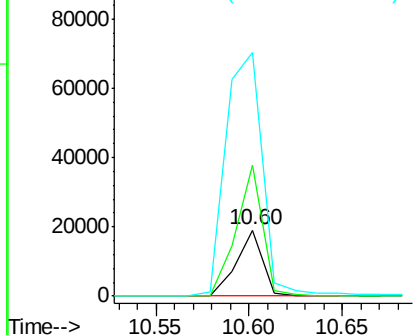


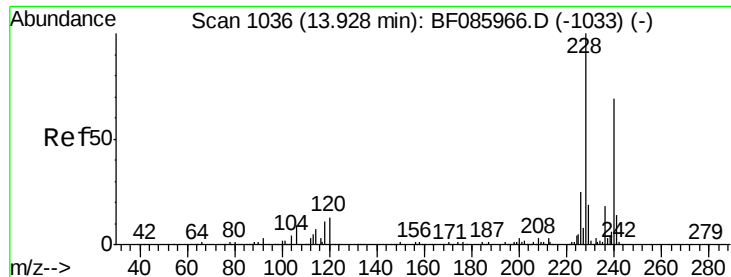
#66
4-Bromophenyl-phenylether
Concen: 5.42 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF086033.D
Acq: 3 Apr 2016 1:25

Tgt Ion:248 Resp: 18661
Ion Ratio Lower Upper
248 100
250 199.3 77.4 116.0#
141 369.4 63.6 95.4#



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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086033.D

Acq: 3 Apr 2016 1:25

Instrument :

BNA_F

ClientSampleId :

GRID-16COMP

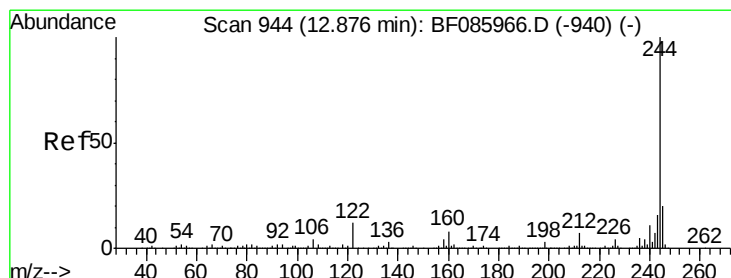
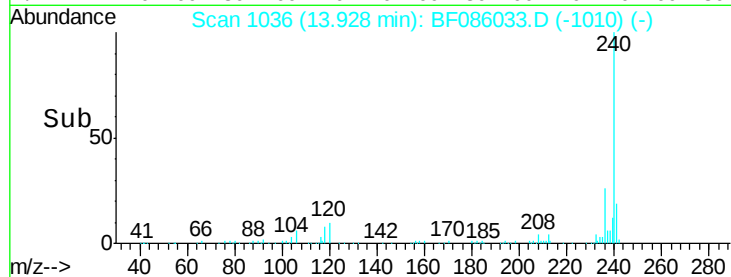
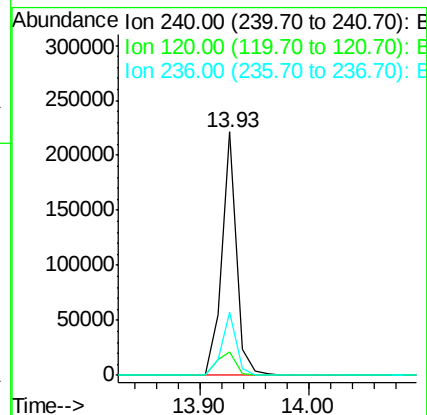
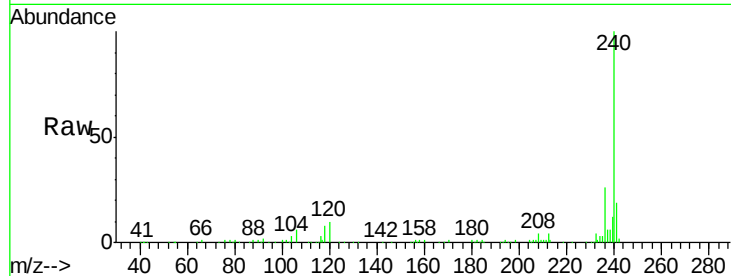
Tgt Ion:240 Resp: 210946

Ion Ratio Lower Upper

240 100

120 9.6 13.8 20.8#

236 26.0 20.6 30.8



#78

Terphenyl-d14

Concen: 112.71 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086033.D

Acq: 3 Apr 2016 1:25

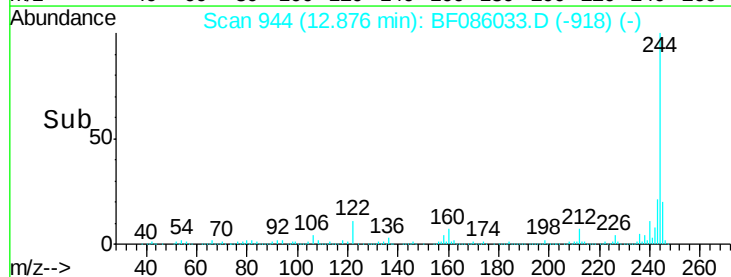
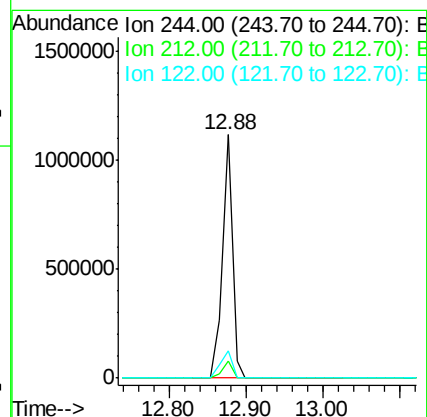
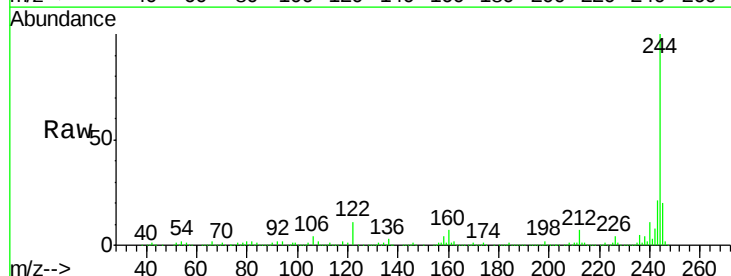
Tgt Ion:244 Resp: 1011481

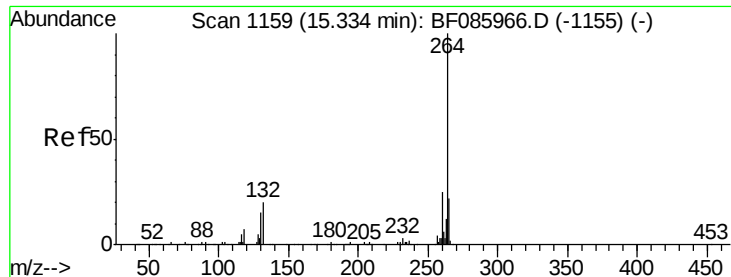
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 11.3 10.2 15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF086033.D
Acq: 3 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
GRID-16COMP

Tgt Ion: 264 Resp: 187210

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	20.9	17.2	25.8

