

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102416\
 Data File : BF090805.D
 Acq On : 24 Oct 2016 23:18
 Operator : UM/SJ
 Sample : H5393-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-NORTH

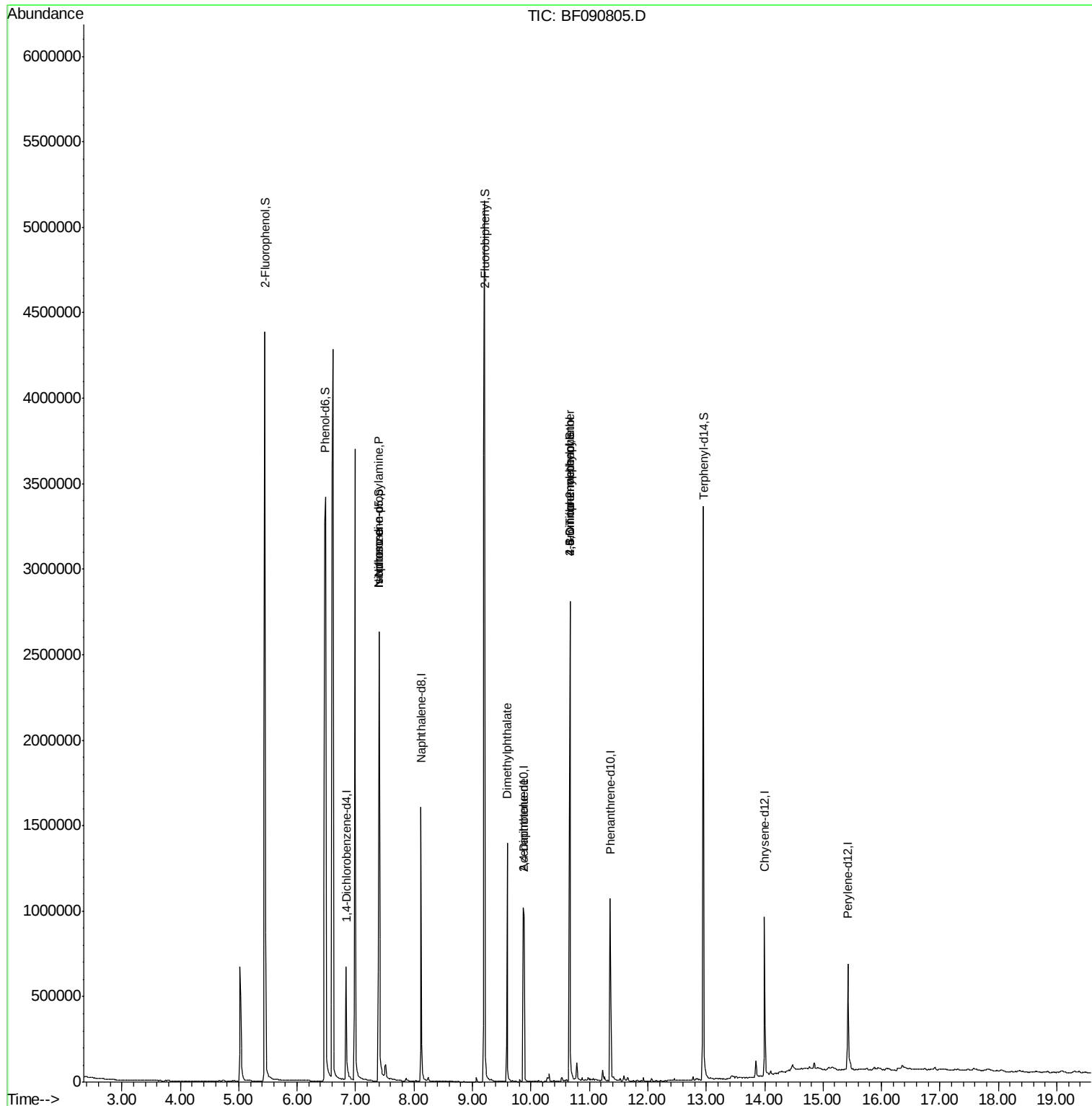
Quant Time: Oct 25 01:00:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

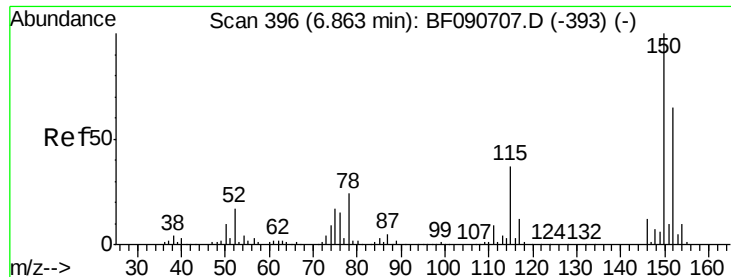
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	182725	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	761195	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	341246	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	479461	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	361721	20.00	ng	-0.02
86) Perylene-d12	15.42	264	309440	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1585319	139.92	ng	-0.01
7) Phenol-d6	6.49	99	2293644	149.46	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1182881	85.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	474288	175.60	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	2301666	104.71	ng	-0.02
78) Terphenyl-d14	12.96	244	1723784	109.22	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	151307	13.24	ng	# 52
25) Isophorone	7.40	82	998078	37.99	ng	# 58
49) Dimethylphthalate	9.59	163	560581	26.14	ng	# 98
56) 2,4-Dinitrotoluene	9.88	165	43362	7.69	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.67	198	829	4.42	ng	# 3
66) 4-Bromophenyl-phenylether	10.67	248	31439	6.76	ng	# 1

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

```
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Operator  : UM/SJ  
Sample    : H5393-10  
Misc      :  
ALS Vial  : 19      Sample Multiplier: 1
```

Quant Time: Oct 25 01:00:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration



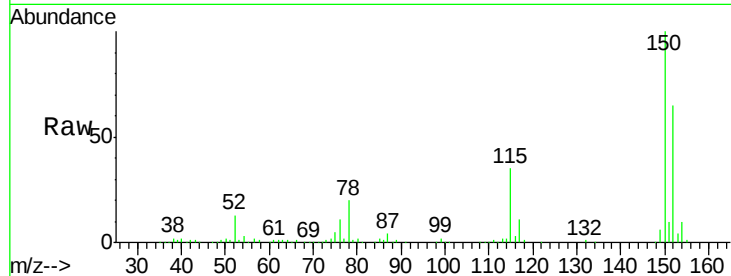


#1

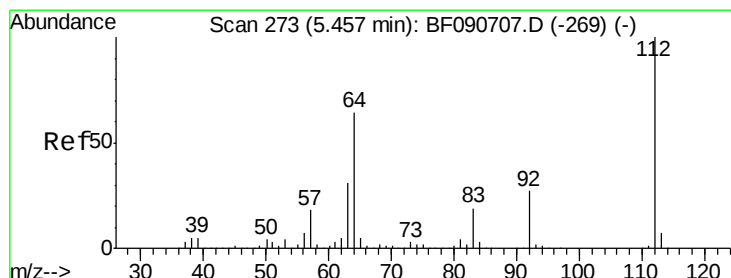
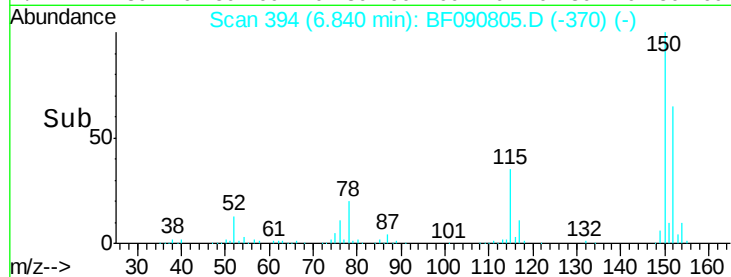
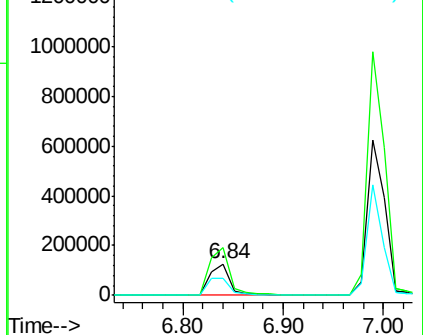
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF090805.D
Acq: 24 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-NORTH

Tgt Ion:152 Resp: 182725
Ion Ratio Lower Upper
152 100
150 154.0 124.7 187.1
115 54.4 39.0 58.4



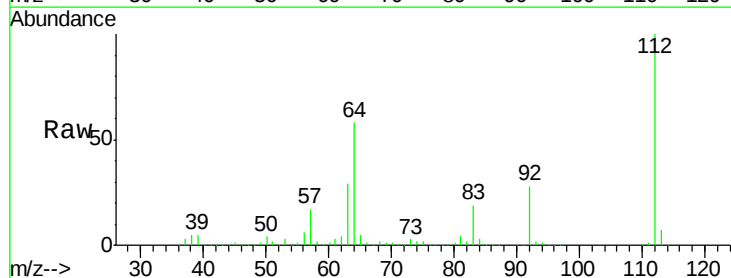
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



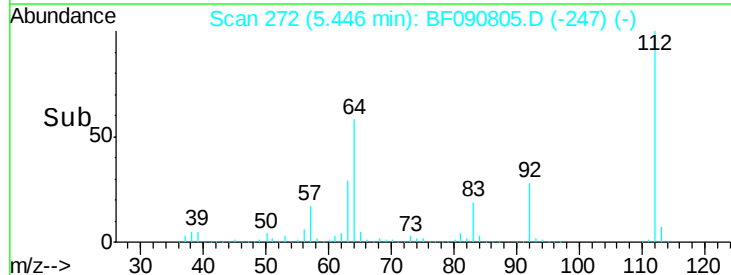
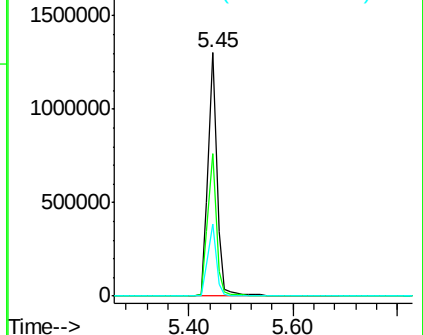
#5

2-Fluorophenol
Concen: 139.92 ng
RT: 5.45 min Scan# 272
Delta R.T. -0.01 min
Lab File: BF090805.D
Acq: 24 Oct 2016 23:18

Tgt Ion:112 Resp: 1585319
Ion Ratio Lower Upper
112 100
64 58.4 39.7 59.5
63 29.4 17.4 26.0#



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: 149.46 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090805.D

Acq: 24 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-NORTH

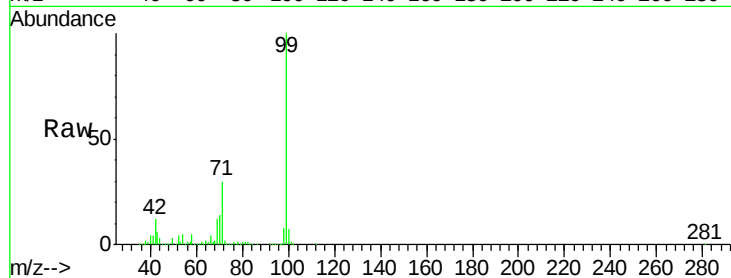
Tgt Ion: 99 Resp: 2293644

Ion Ratio Lower Upper

99 100

42 11.6 13.7 20.5#

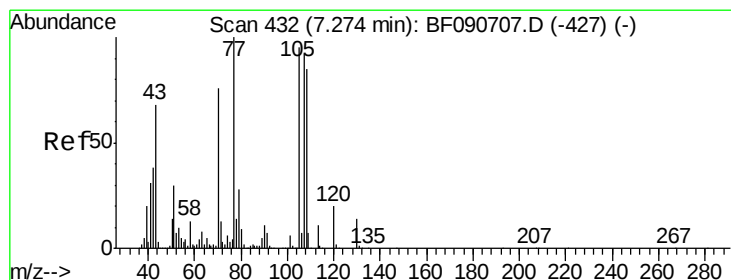
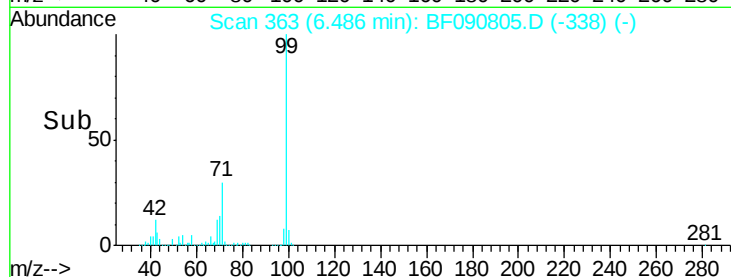
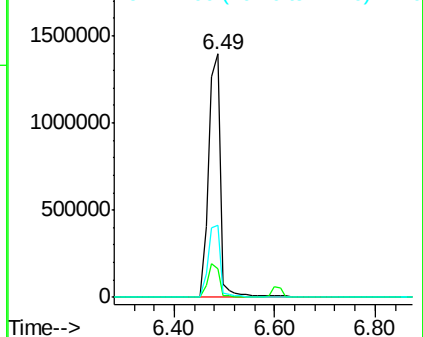
71 29.7 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.24 ng

RT: 7.40 min Scan# 443

Delta R.T. 0.13 min

Lab File: BF090805.D

Acq: 24 Oct 2016 23:18

Tgt Ion: 70 Resp: 151307

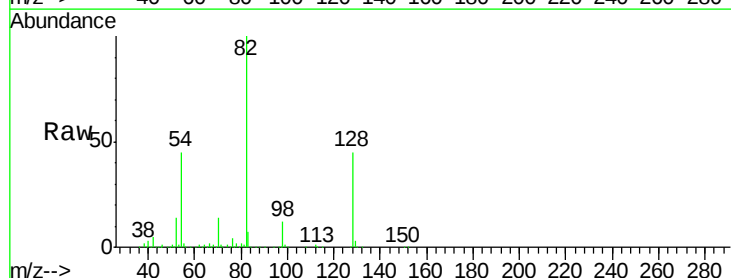
Ion Ratio Lower Upper

70 100

42 37.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

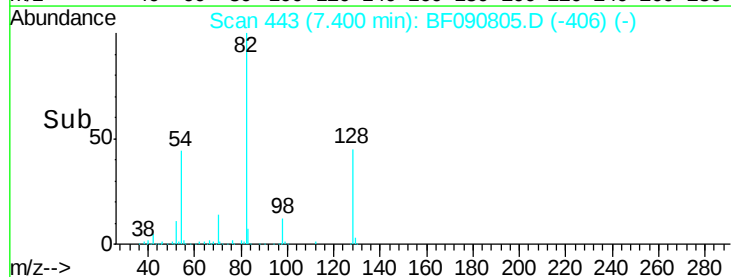
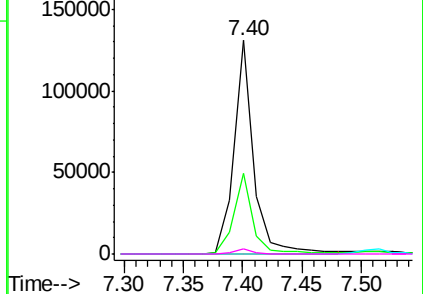


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

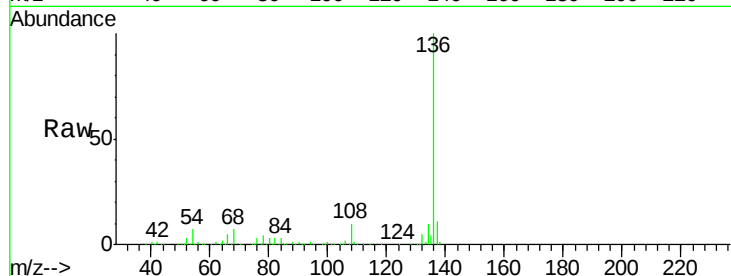




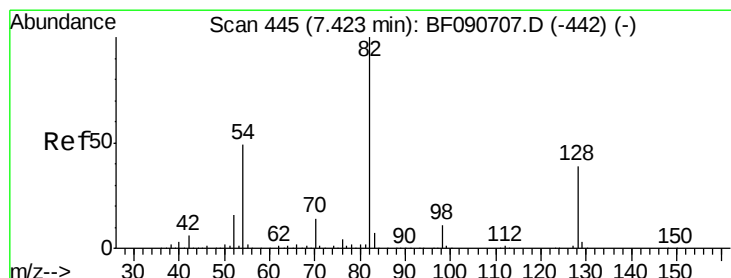
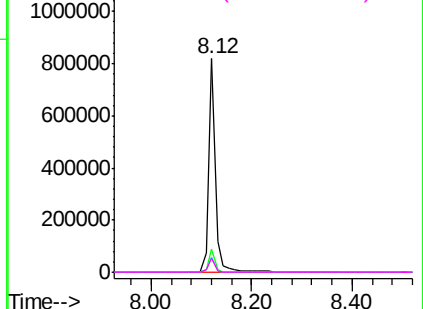
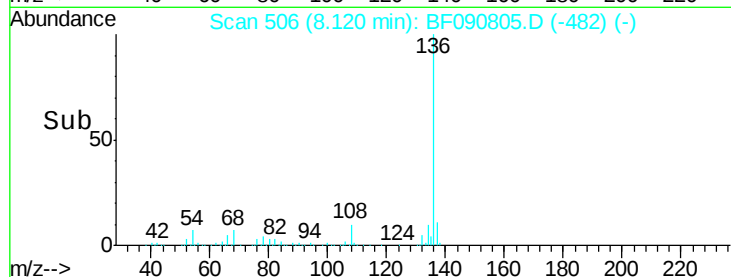
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF090805.D
Acq: 24 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-NORTH

Tgt Ion:	136	Resp:	761195
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.1	8.2	12.2#
68	6.8	5.8	8.6

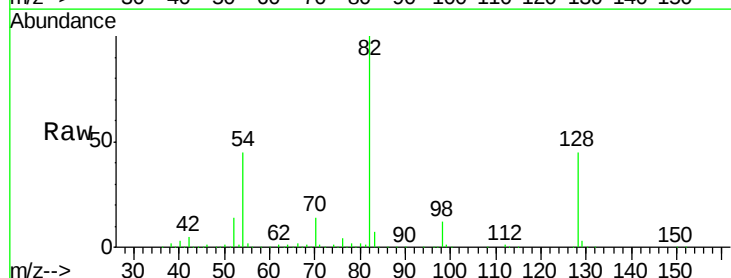


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

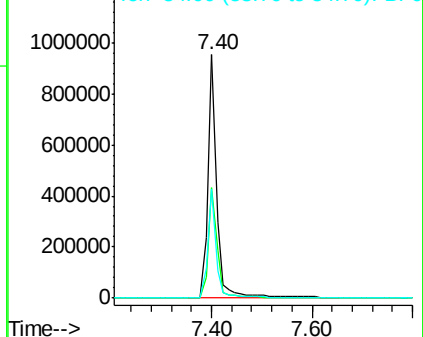
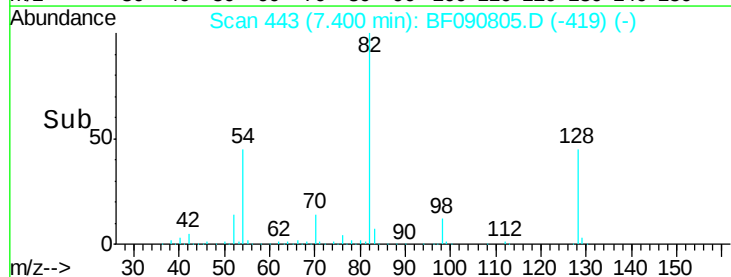


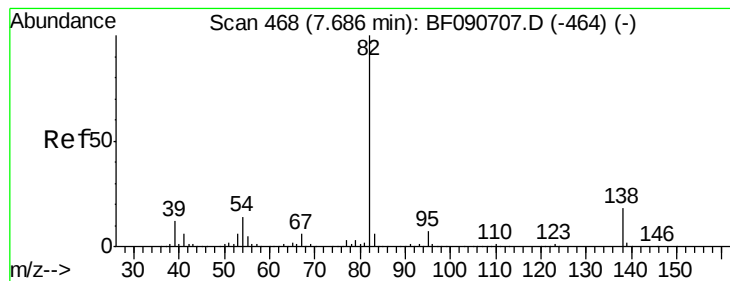
#23
Nitrobenzene-d5
Concen: 85.23 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090805.D
Acq: 24 Oct 2016 23:18

Tgt Ion:	82	Resp:	1182881
Ion	Ratio	Lower	Upper
82	100		
128	45.2	51.0	76.6#
54	45.0	47.5	71.3#



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: 37.99 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.29 min

Lab File: BF090805.D

Acq: 24 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-NORTH

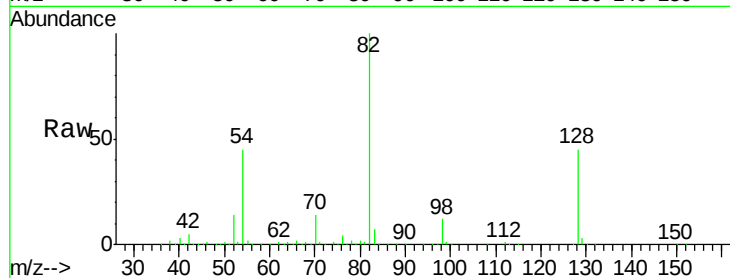
Tgt Ion: 82 Resp: 998078

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

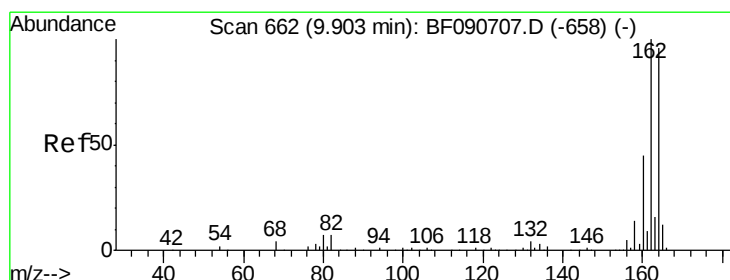
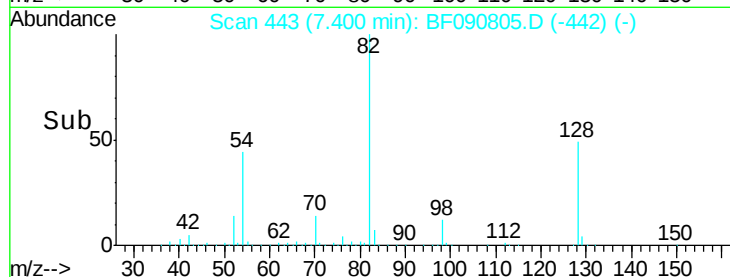
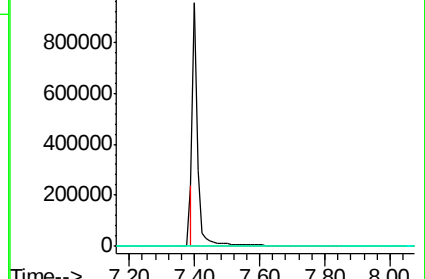
138 0.0 18.3 27.5#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF090805.D

Acq: 24 Oct 2016 23:18

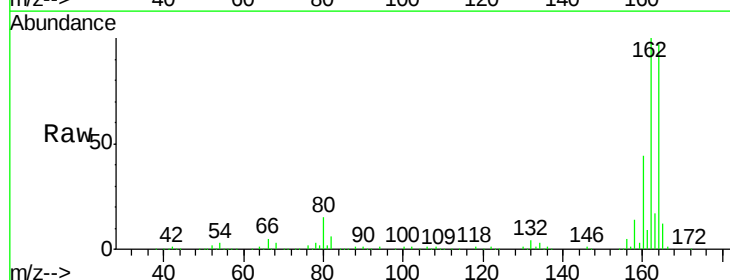
Tgt Ion: 164 Resp: 341246

Ion Ratio Lower Upper

164 100

162 103.4 75.2 112.8

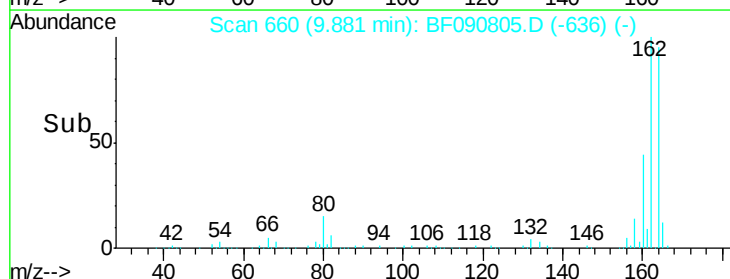
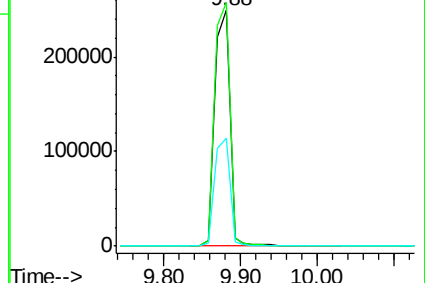
160 45.7 31.5 47.3

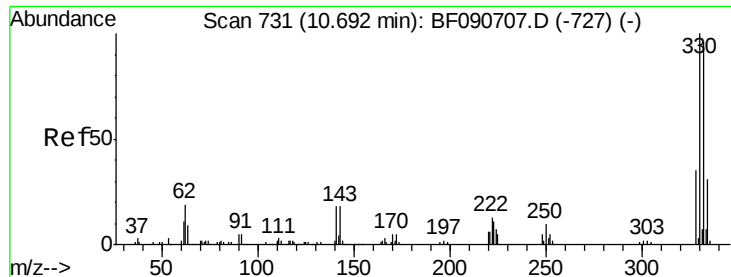


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

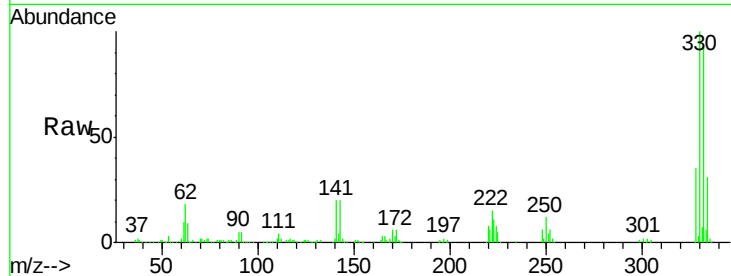




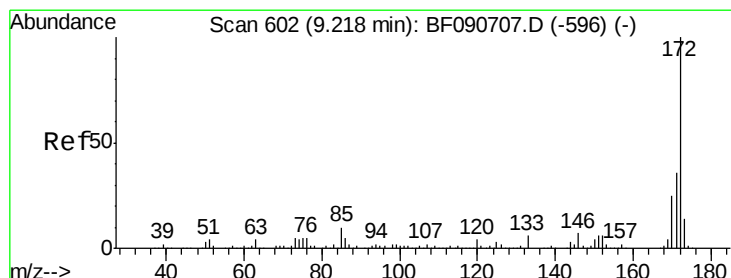
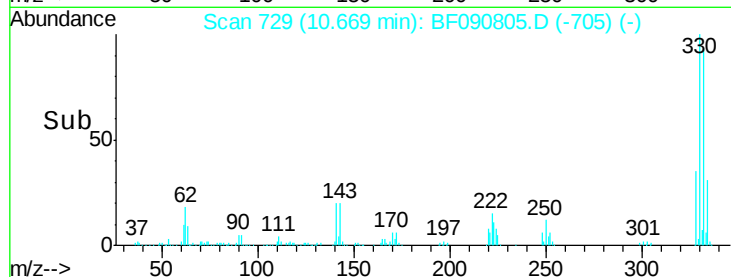
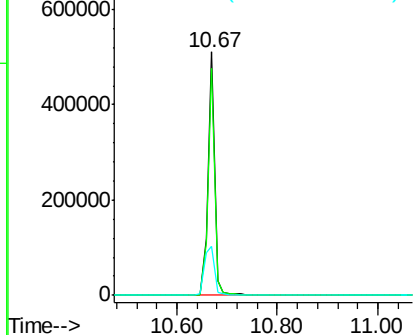
#41
 2,4,6-Tribromophenol
 Concen: 175.60 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090805.D
 Acq: 24 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-NORTH

Tgt Ion:330 Resp: 474288
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.6 114.8
 141 30.5 29.7 44.5

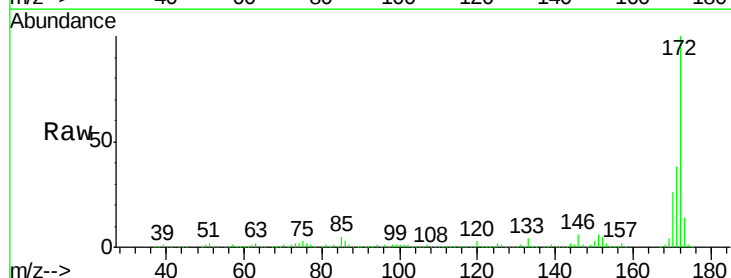


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

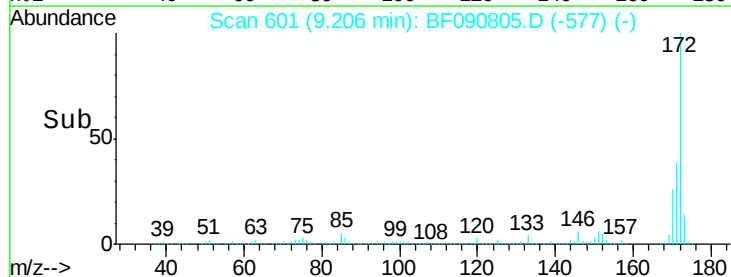
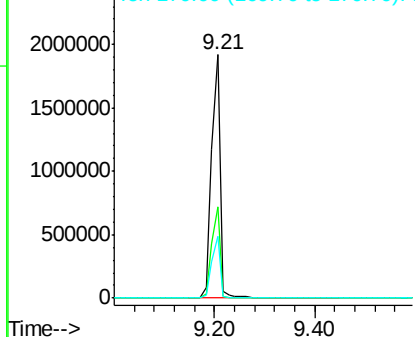


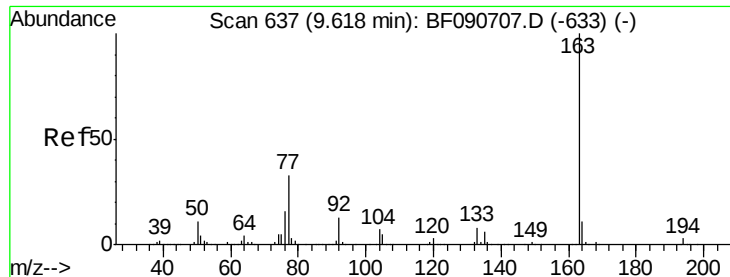
#44
 2-Fluorobiphenyl
 Concen: 104.71 ng
 RT: 9.21 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF090805.D
 Acq: 24 Oct 2016 23:18

Tgt Ion:172 Resp: 2301666
 Ion Ratio Lower Upper
 172 100
 171 37.7 26.1 39.1
 170 25.6 17.4 26.2



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





#49

Dimethylphthalate

Concen: 26.14 ng

RT: 9.59 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF090805.D

Acq: 24 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-NORTH

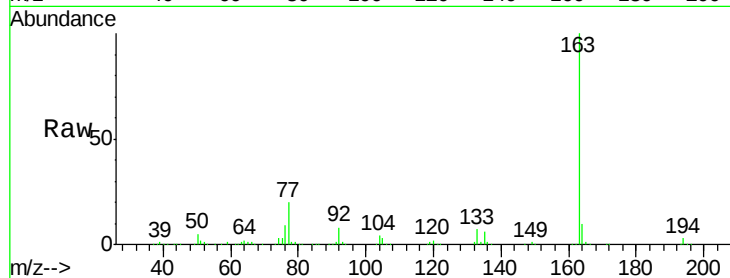
Tgt Ion:163 Resp: 560581

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

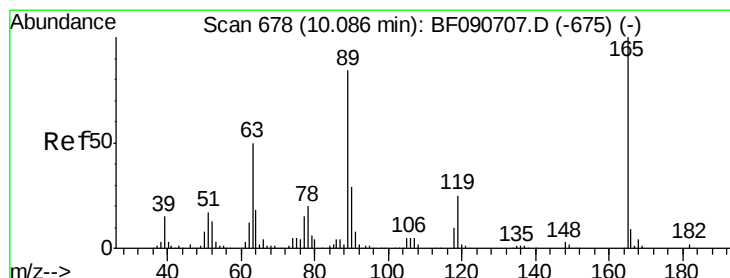
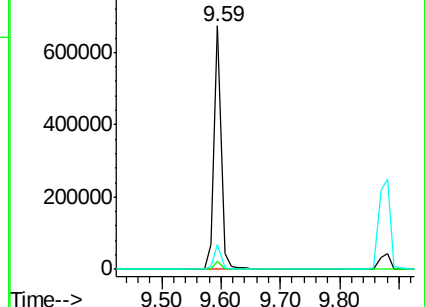
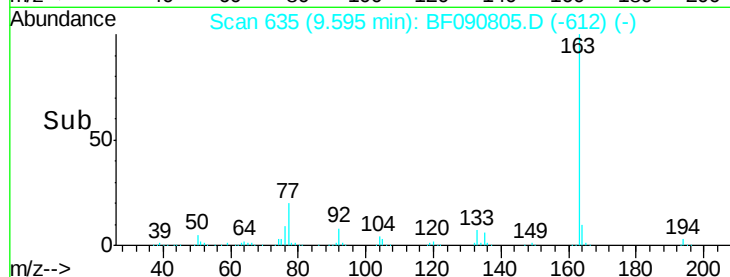
164 10.3 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 7.69 ng

RT: 9.88 min Scan# 660

Delta R.T. -0.21 min

Lab File: BF090805.D

Acq: 24 Oct 2016 23:18

Tgt Ion:165 Resp: 43362

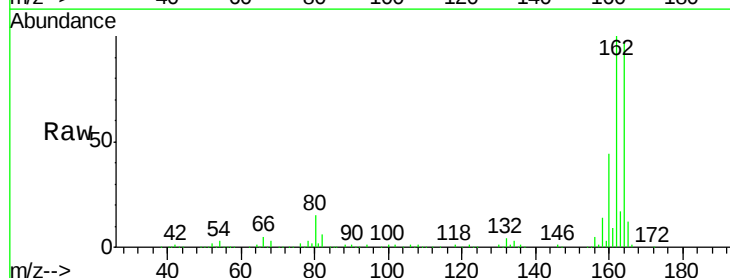
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

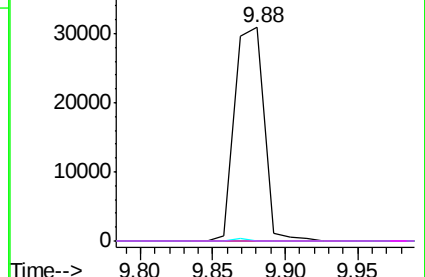
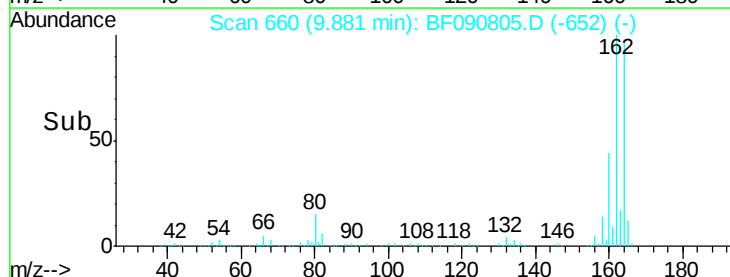


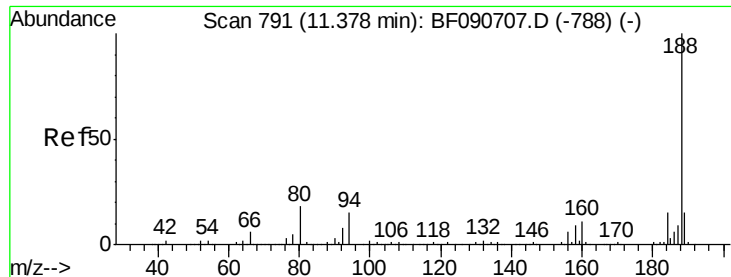
Abundance Ion 165.00 (164.70 to 165.70): E

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

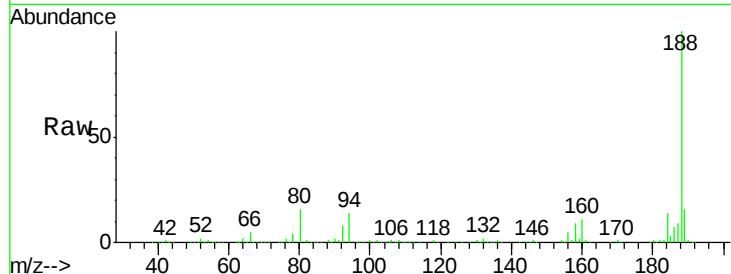




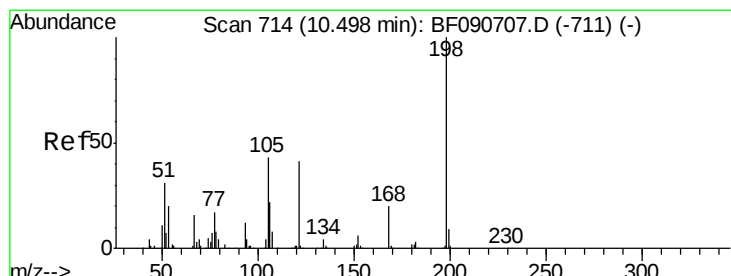
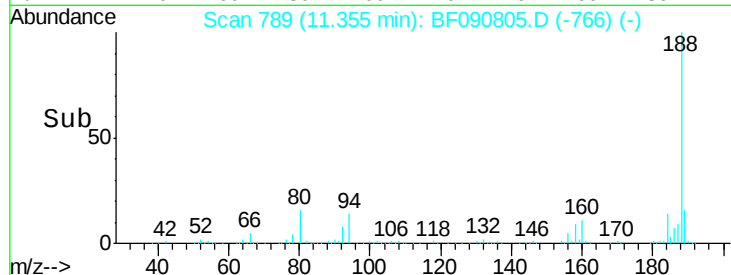
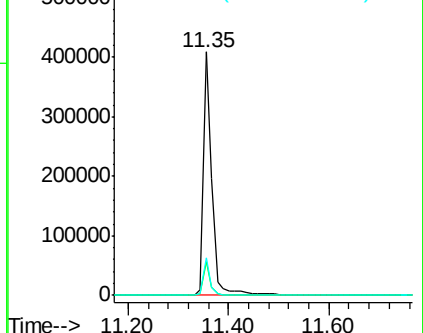
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF090805.D
Acq: 24 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-NORTH

Tgt Ion:188 Resp: 479461
Ion Ratio Lower Upper
188 100
94 13.7 11.1 16.7
80 15.5 11.0 16.4

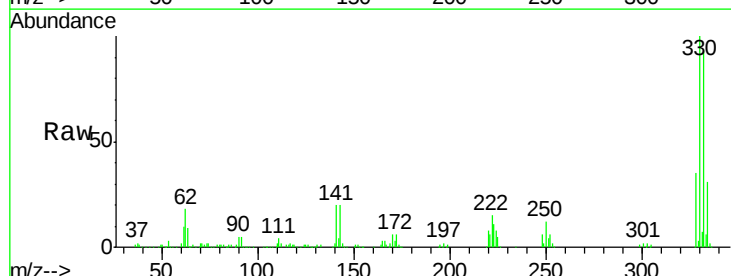


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

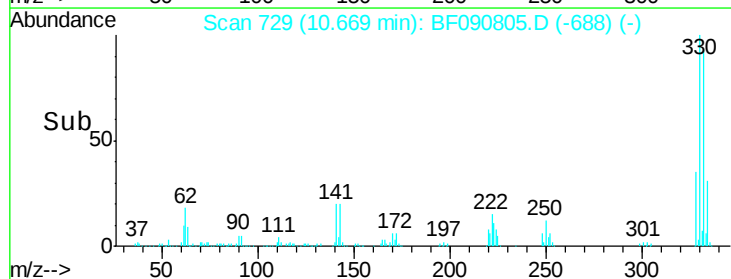
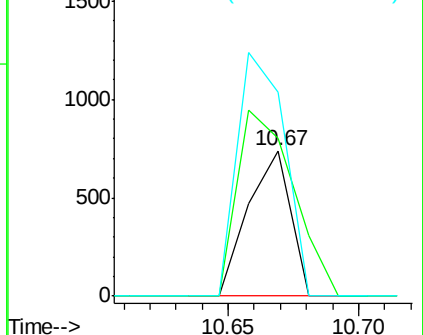


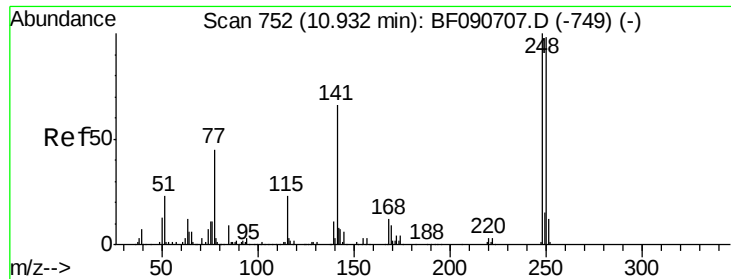
#64
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 10.67 min Scan# 729
Delta R.T. 0.17 min
Lab File: BF090805.D
Acq: 24 Oct 2016 23:18

Tgt Ion:198 Resp: 829
Ion Ratio Lower Upper
198 100
51 108.7 39.6 79.6#
105 140.7 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

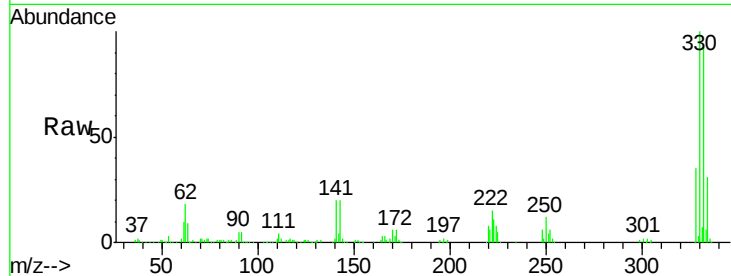




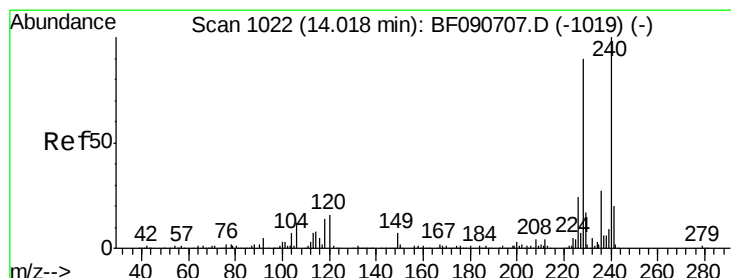
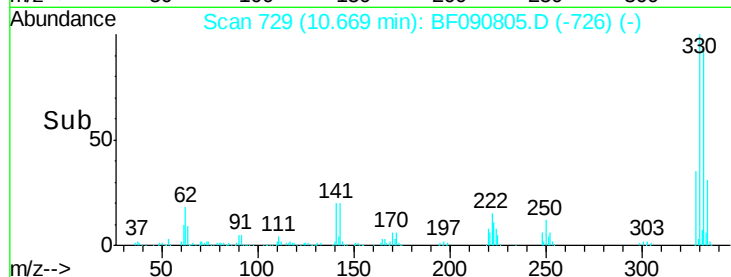
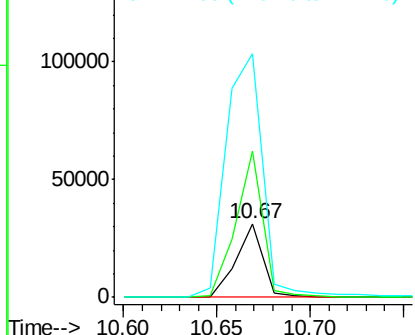
#66
4-Bromophenyl-phenylether
Concen: 6.76 ng
RT: 10.67 min Scan# 729
Delta R.T. -0.26 min
Lab File: BF090805.D
Acq: 24 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-NORTH

Tgt Ion:248 Resp: 31439
Ion Ratio Lower Upper
248 100
250 198.1 78.5 117.7#
141 329.0 59.0 88.6#

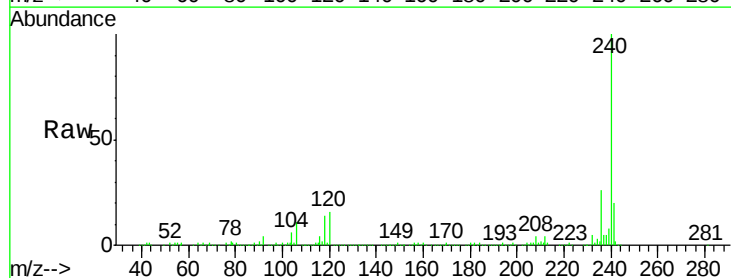


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

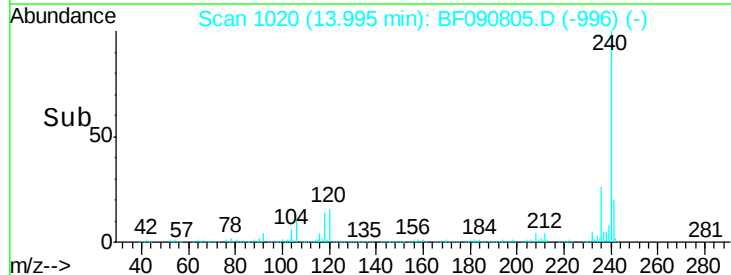
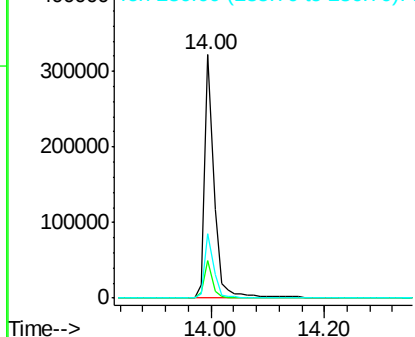


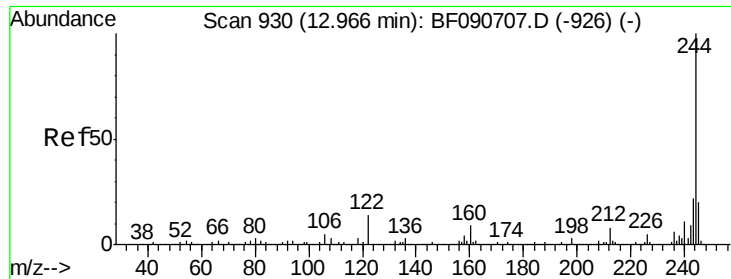
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF090805.D
Acq: 24 Oct 2016 23:18

Tgt Ion:240 Resp: 361721
Ion Ratio Lower Upper
240 100
120 15.5 16.2 24.2#
236 26.3 18.4 27.6



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

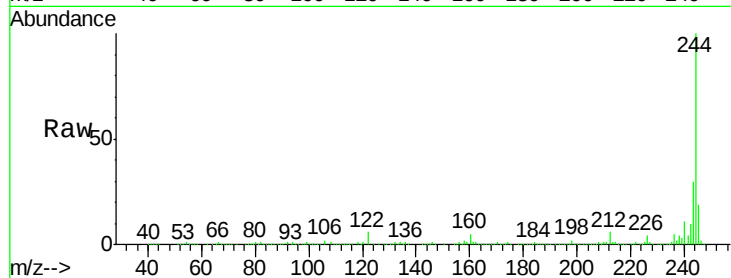




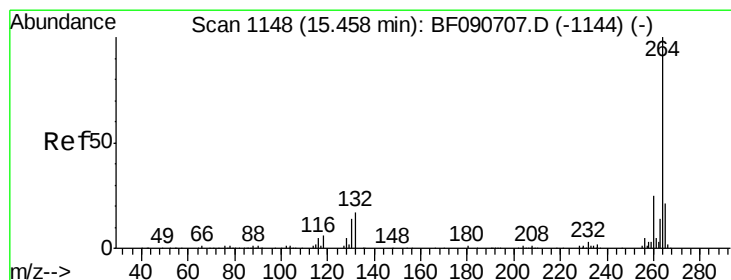
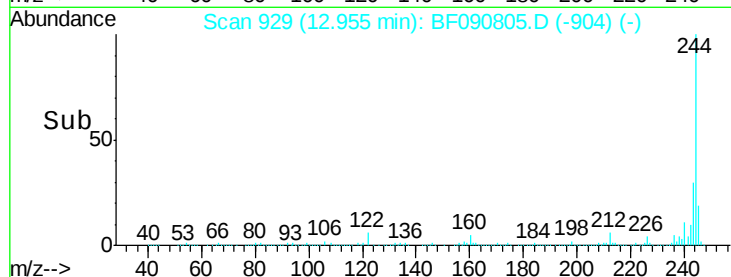
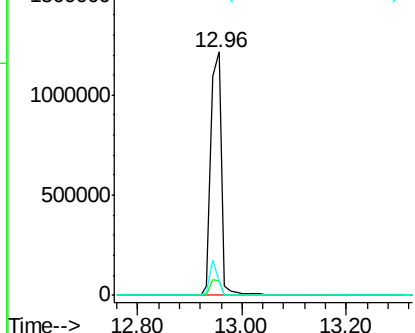
#78
 Terphenyl-d14
 Concen: 109.22 ng
 RT: 12.96 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BF090805.D
 Acq: 24 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-NORTH

Tgt Ion:244 Resp: 1723784
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.3 6.5
 122 5.9 17.4 26.2#

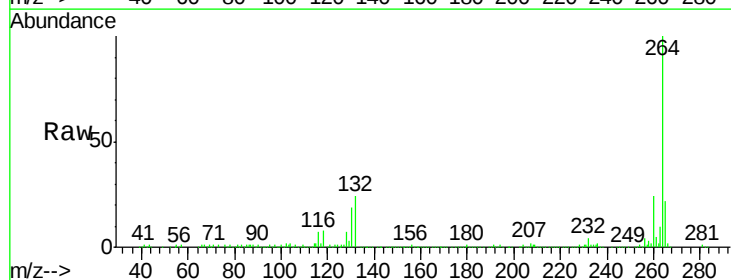


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF090805.D
 Acq: 24 Oct 2016 23:18

Tgt Ion:264 Resp: 309440
 Ion Ratio Lower Upper
 264 100
 260 24.5 16.7 25.1
 265 21.8 17.2 25.8



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

