

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080641.D
 Acq On : 24 Jul 2015 22:47
 Operator : TP/UM
 Sample : G3087-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST2-072315

Quant Time: Jul 25 05:14:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

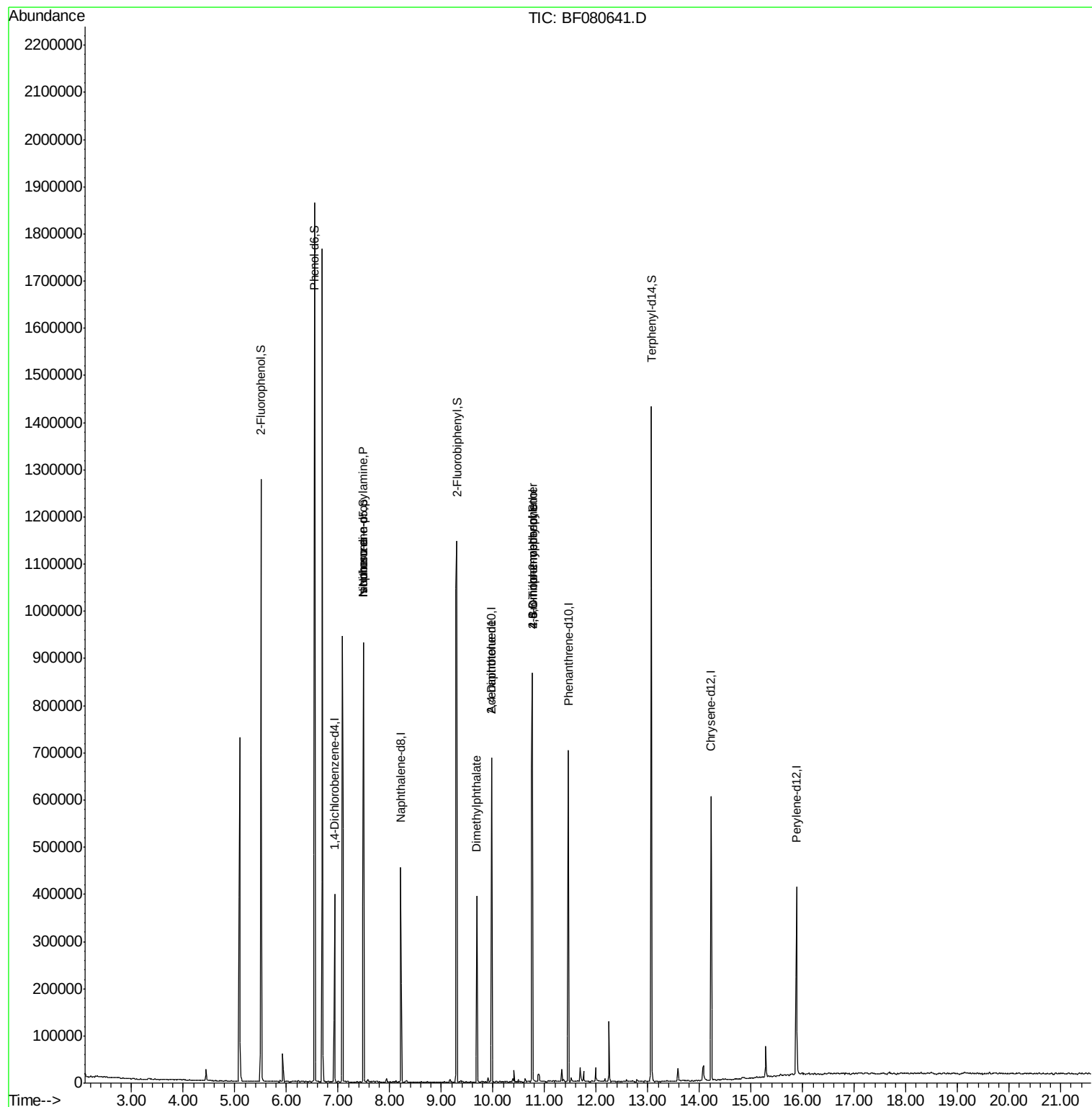
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	59100	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	214768	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	120906	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	232057	20.00	ng	0.00
75) Chrysene-d12	14.23	240	222346	20.00	ng	0.07
86) Perylene-d12	15.88	264	191414	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	369111	105.16	ng	0.00
7) Phenol-d6	6.54	99	516409	123.18	ng	0.00
23) Nitrobenzene-d5	7.49	82	294987	68.98	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	122372	112.65	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	501913	64.05	ng	0.00
78) Terphenyl-d14	13.07	244	595940	57.71	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	38789	12.82	ng	# 68
25) Isophorone	7.49	82	294762	39.30	ng	# 73
49) Dimethylphthalate	9.69	163	142366	16.46	ng	99
56) 2,4-Dinitrotoluene	9.97	165	14776	7.24	ng	# 2
64) 4,6-Dinitro-2-methylphenol	10.76	198	245	6.53	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	8379	3.83	ng	# 1

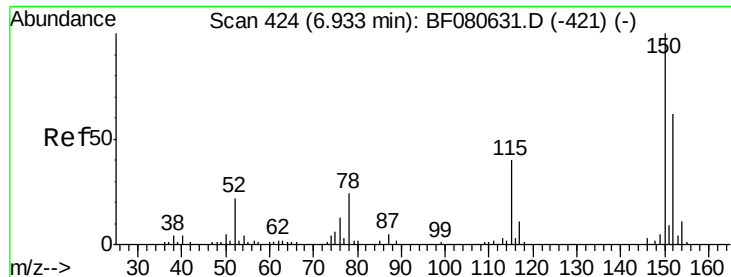
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080641.D

Acq: 24 Jul 2015 22:47

Instrument :

BNA_F

ClientSampleId :

BOTTOM-WEST2-072315

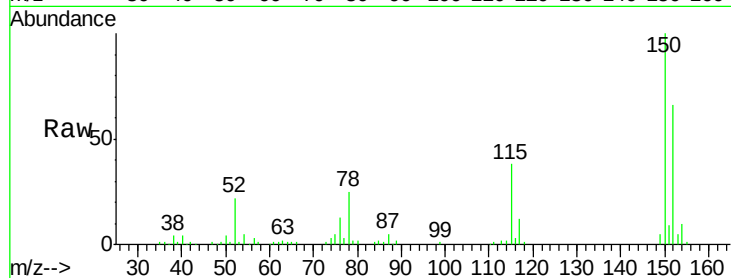
Tgt Ion:152 Resp: 59100

Ion Ratio Lower Upper

152 100

150 151.9 128.9 193.3

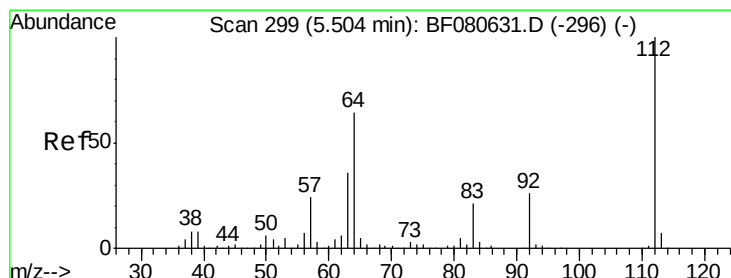
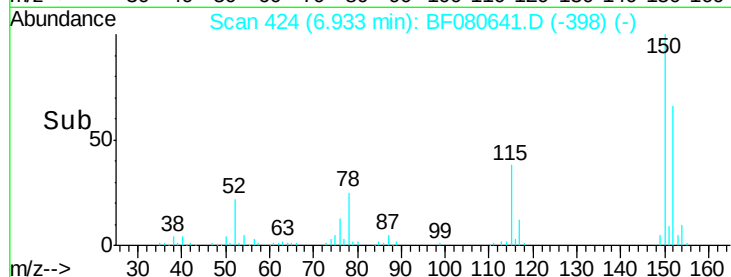
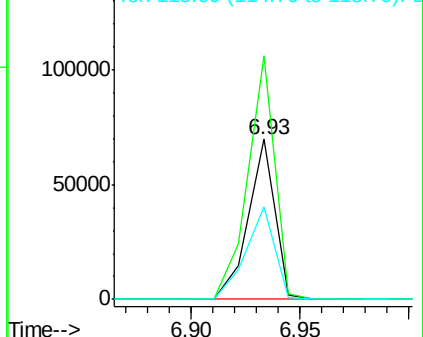
115 57.6 51.0 76.6



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: 105.16 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080641.D

Acq: 24 Jul 2015 22:47

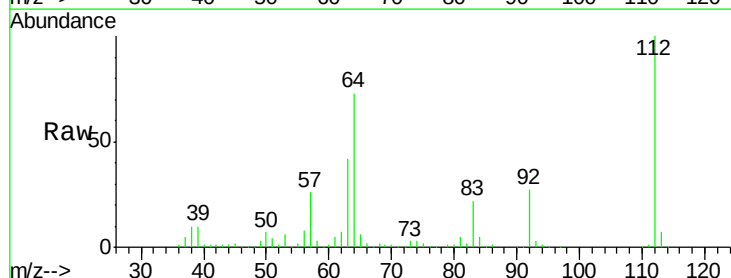
Tgt Ion:112 Resp: 369111

Ion Ratio Lower Upper

112 100

64 72.9 51.2 76.8

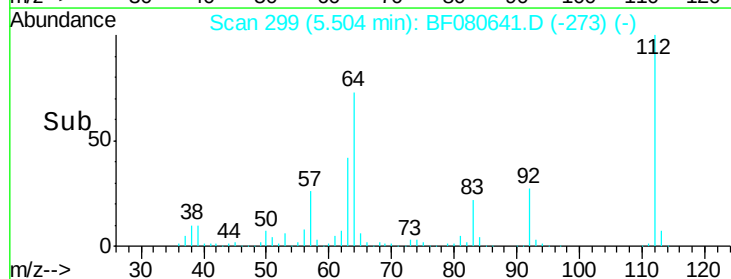
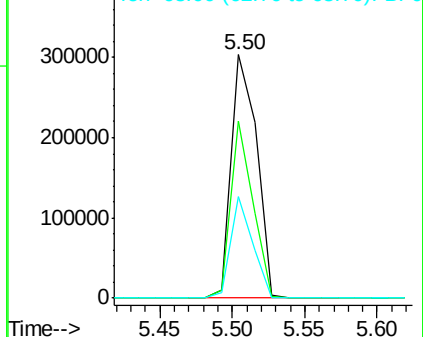
63 41.8 29.0 43.6

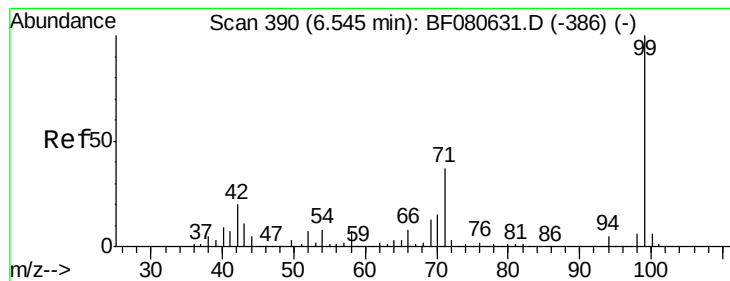


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.18 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080641.D

Acq: 24 Jul 2015 22:47

Instrument :

BNA_F

ClientSampleId :

BOTTOM-WEST2-072315

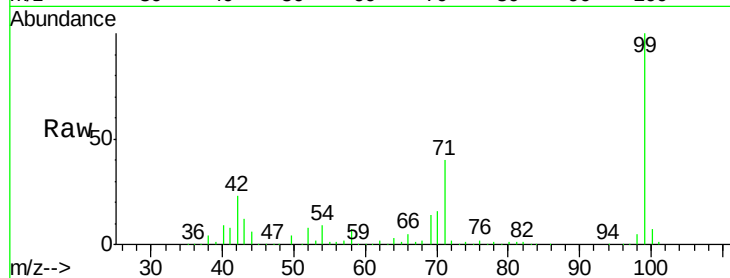
Tgt Ion: 99 Resp: 516409

Ion Ratio Lower Upper

99 100

42 22.7 16.3 24.5

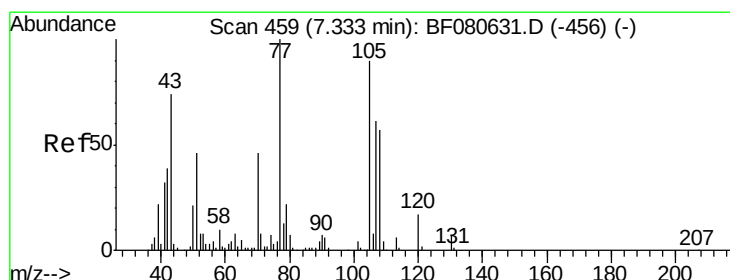
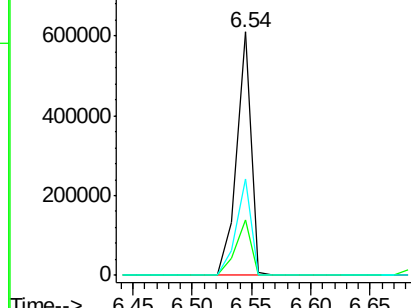
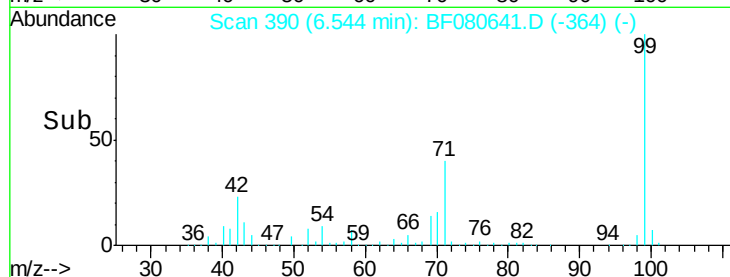
71 39.8 29.7 44.5



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: 12.82 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.16 min

Lab File: BF080641.D

Acq: 24 Jul 2015 22:47

Tgt Ion: 70 Resp: 38789

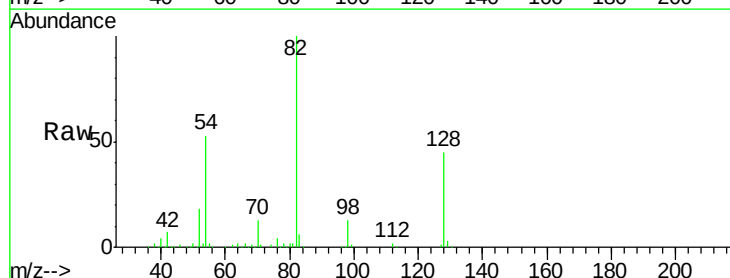
Ion Ratio Lower Upper

70 100

42 54.1 67.8 101.8#

101 0.0 6.6 9.8#

130 2.4 11.4 17.0#

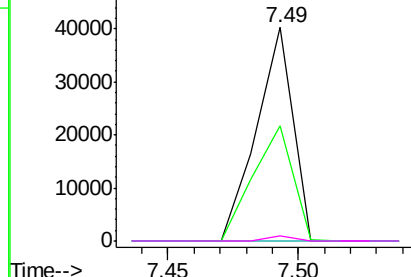
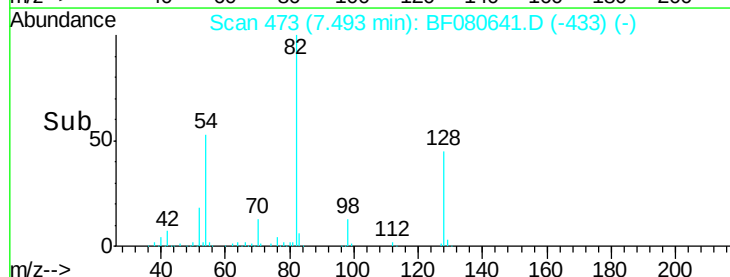


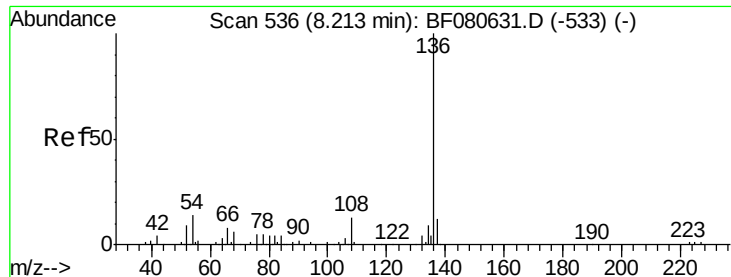
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

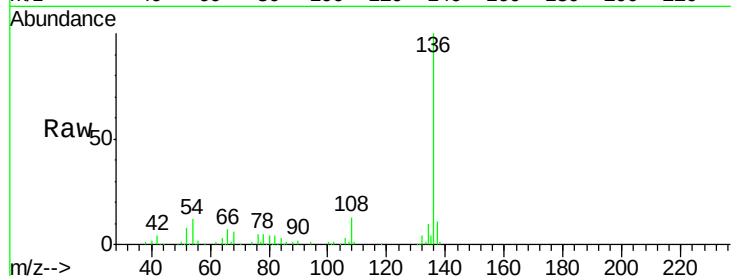




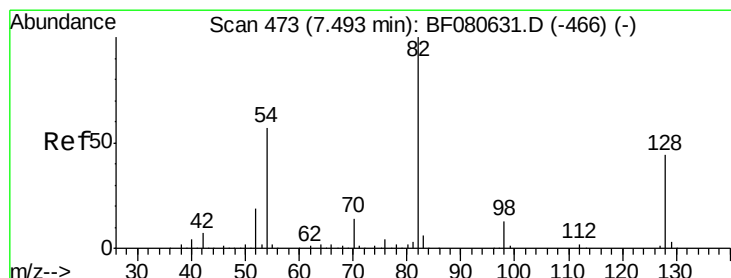
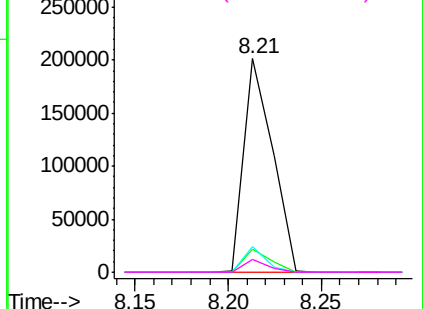
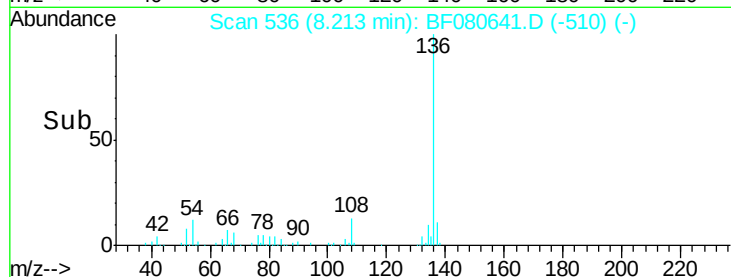
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080641.D
Acq: 24 Jul 2015 22:47

Instrument :
BNA_F
ClientSampleId :
BOTTOM-WEST2-072315

Tgt Ion:	136	Resp:	214768
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	12.0	11.6	17.4
68	6.1	5.0	7.4

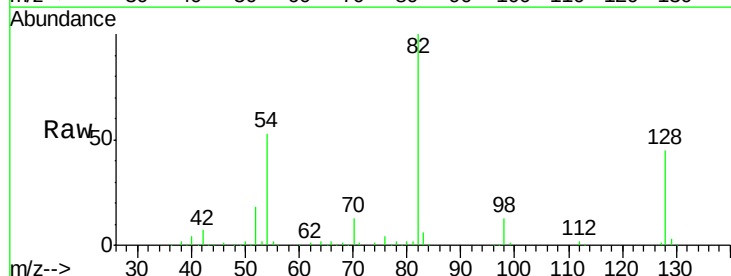


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

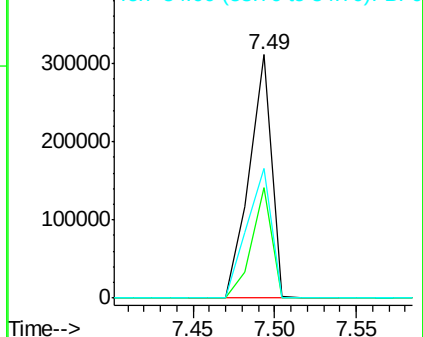
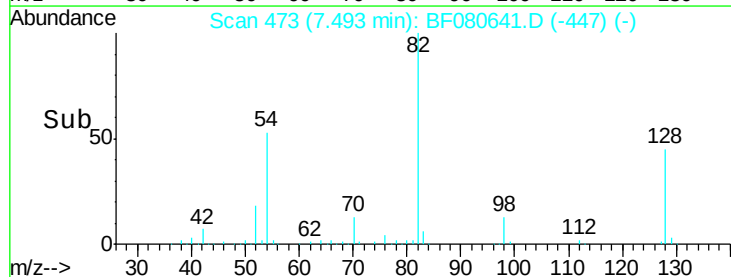


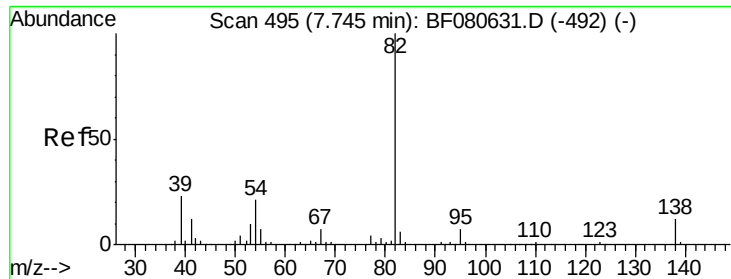
#23
Nitrobenzene-d5
Concen: 68.98 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF080641.D
Acq: 24 Jul 2015 22:47

Tgt Ion:	82	Resp:	294987
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.8	52.2
54	53.3	45.4	68.0



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: 39.30 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.25 min

Lab File: BF080641.D

Acq: 24 Jul 2015 22:47

Instrument :

BNA_F

ClientSampleId :

BOTTOM-WEST2-072315

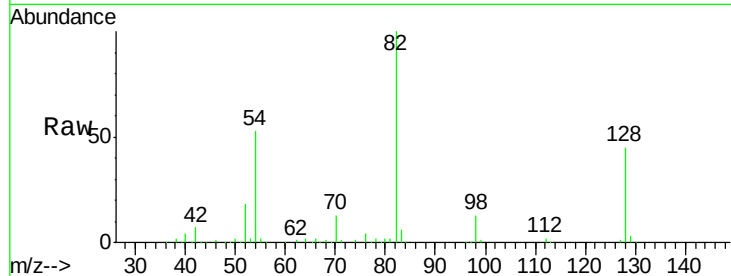
Tgt Ion: 82 Resp: 294762

Ion Ratio Lower Upper

82 100

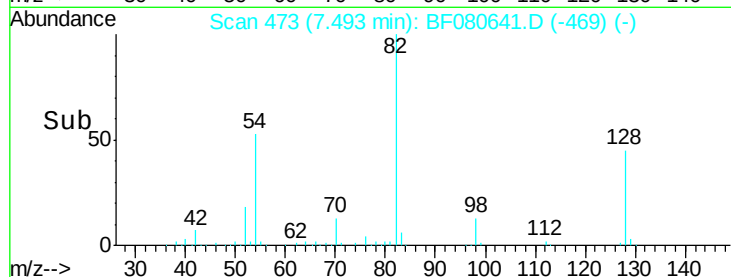
95 0.0 5.5 8.3#

138 0.0 9.7 14.5#

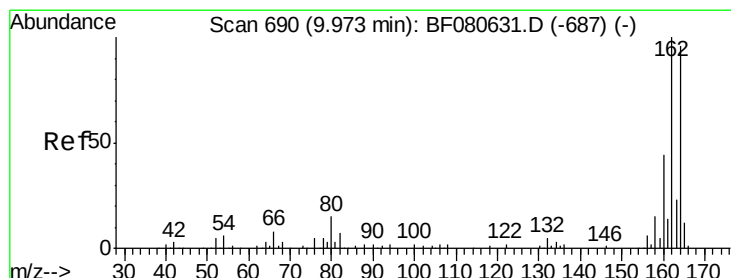


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E

7.49



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080641.D

Acq: 24 Jul 2015 22:47

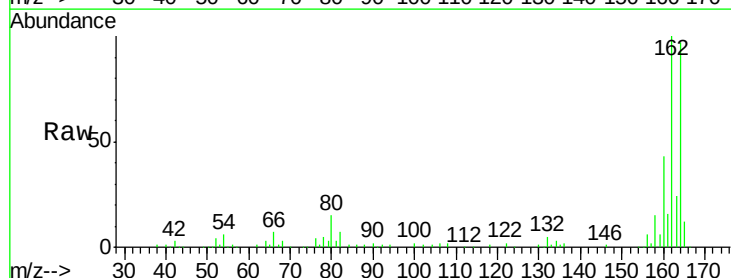
Tgt Ion: 164 Resp: 120906

Ion Ratio Lower Upper

164 100

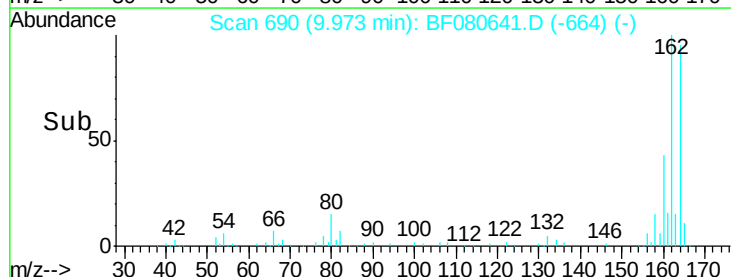
162 103.6 83.3 124.9

160 44.8 36.9 55.3

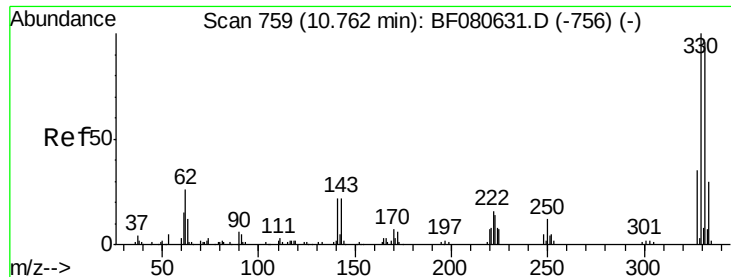


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

9.97



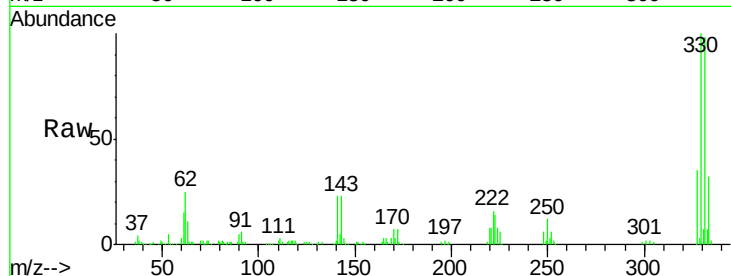
Time-->



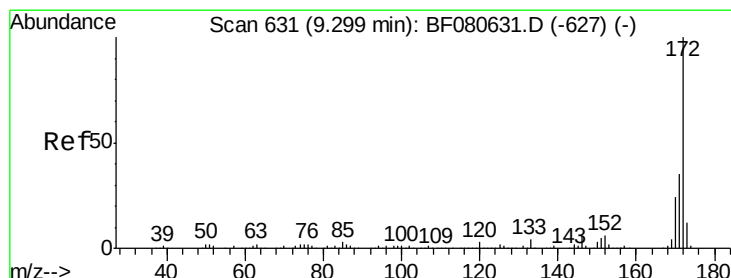
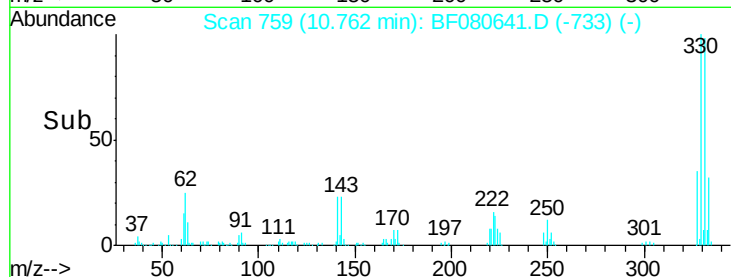
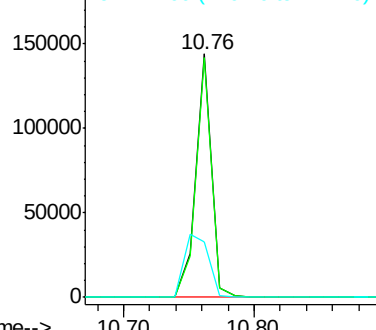
#41
 2,4,6-Tribromophenol
 Concen: 112.65 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080641.D
 Acq: 24 Jul 2015 22:47

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST2-072315

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	40.0	32.7	49.1

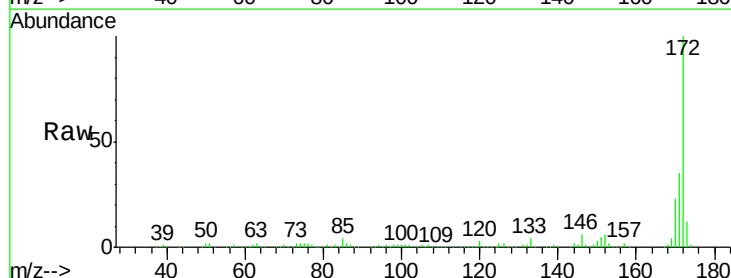


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

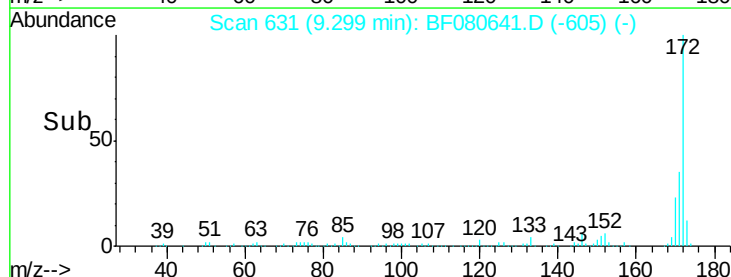
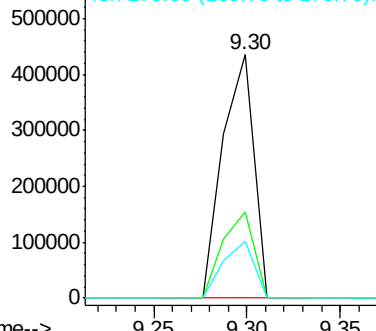


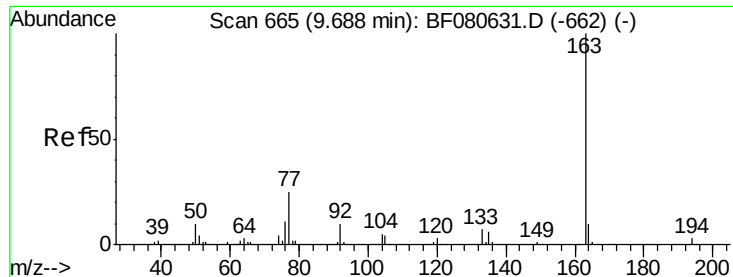
#44
 2-Fluorobiphenyl
 Concen: 64.05 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080641.D
 Acq: 24 Jul 2015 22:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.7	41.5
170	23.4	19.0	28.4



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

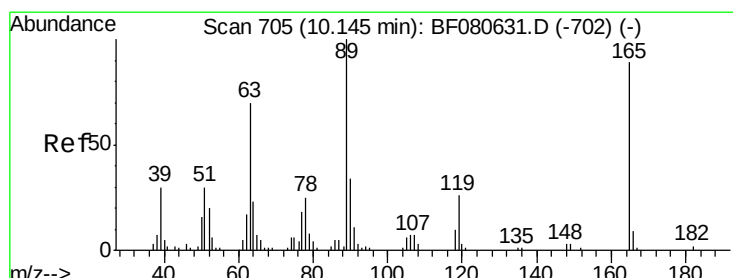
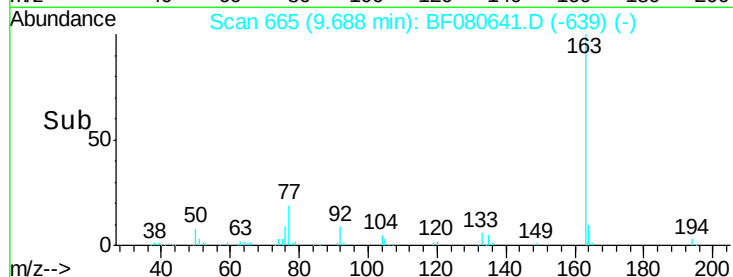
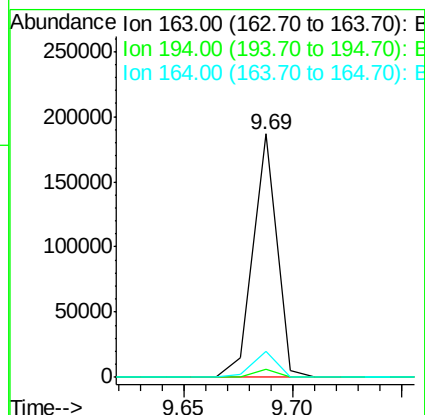
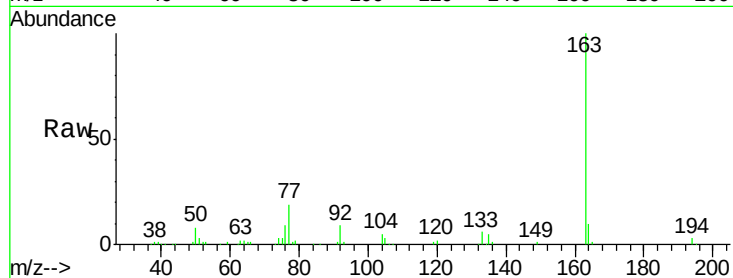




#49
Dimethylphthalate
Concen: 16.46 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF080641.D
Acq: 24 Jul 2015 22:47

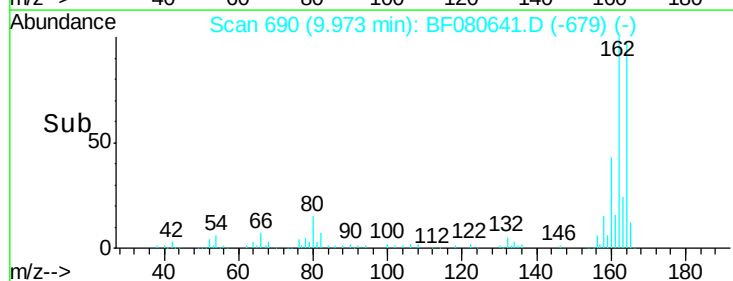
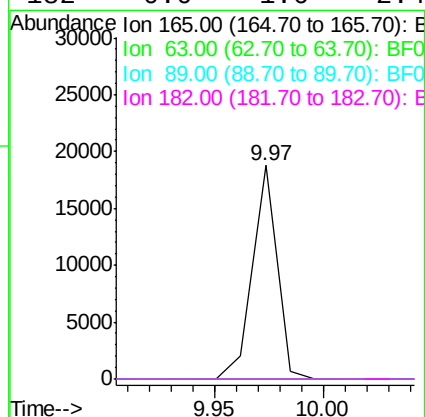
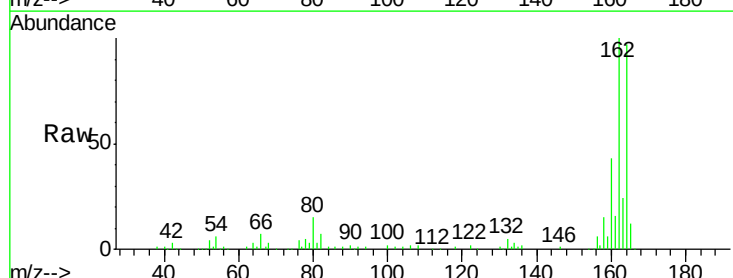
Instrument :
BNA_F
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BOTTOM-WEST2-072315

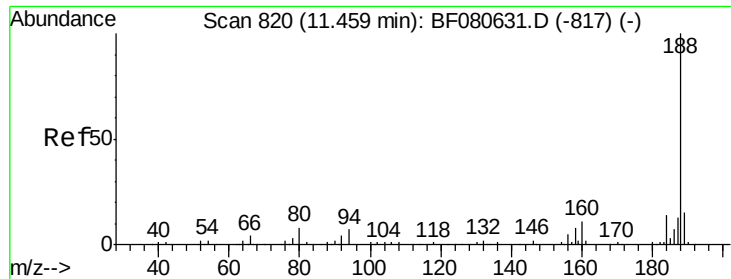
Tgt Ion:163 Resp: 142366
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 10.4 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.24 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.17 min
Lab File: BF080641.D
Acq: 24 Jul 2015 22:47

Tgt Ion:165 Resp: 14776
Ion Ratio Lower Upper
165 100
63 0.0 63.0 94.4#
89 0.0 90.2 135.2#
182 0.0 1.6 2.4#

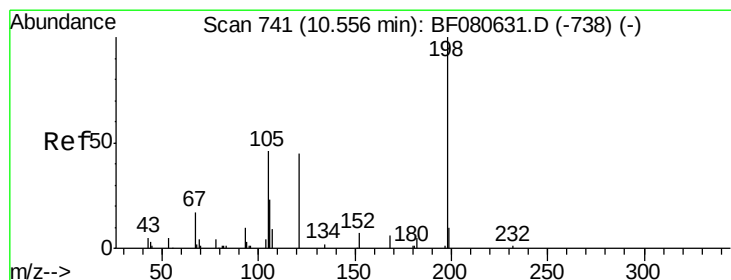
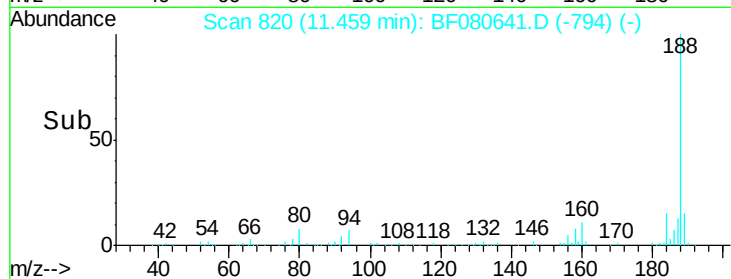
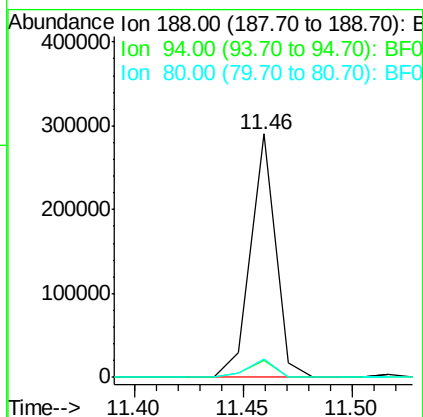
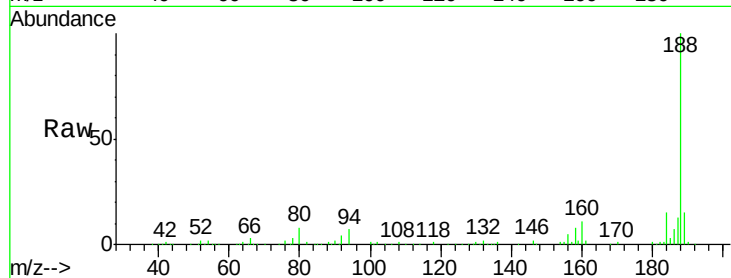




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080641.D
Acq: 24 Jul 2015 22:47

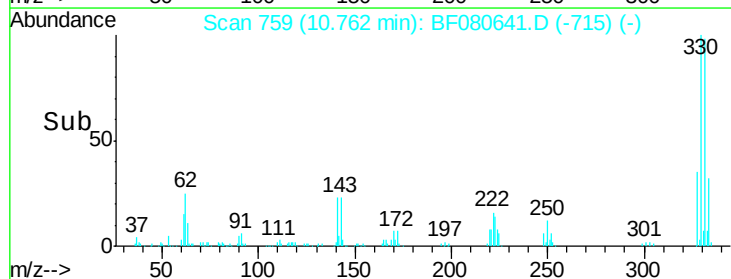
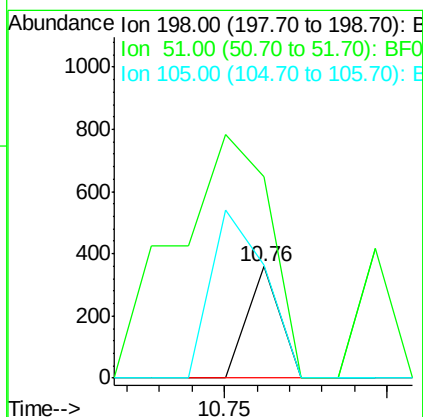
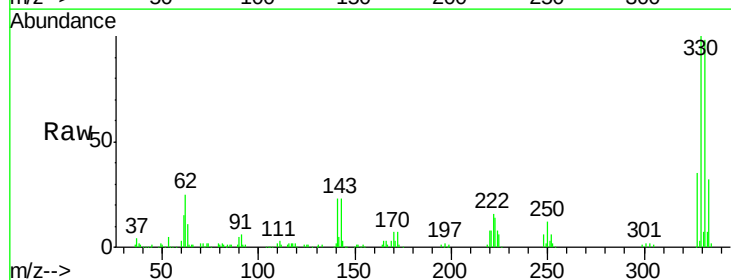
Instrument :
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BOTTOM-WEST2-072315

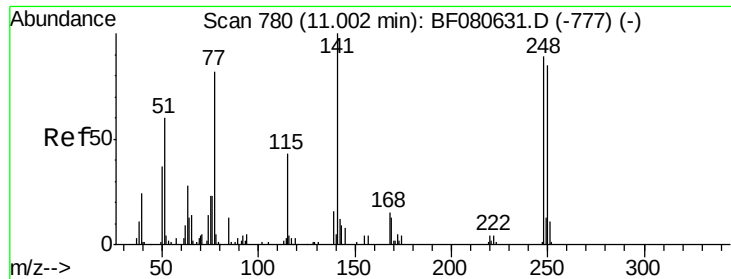
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.6	8.4
80	7.6	6.1	9.1



#64
4,6-Dinitro-2-methylphenol
Concen: 6.53 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.21 min
Lab File: BF080641.D
Acq: 24 Jul 2015 22:47

Tgt Ion	Ratio	Lower	Upper
198	100		
51	180.4	31.1	71.1#
105	101.7	28.6	68.6#

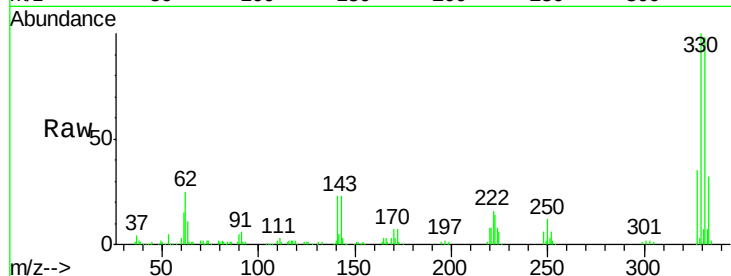




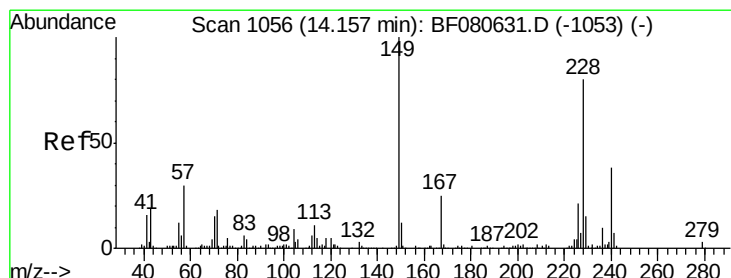
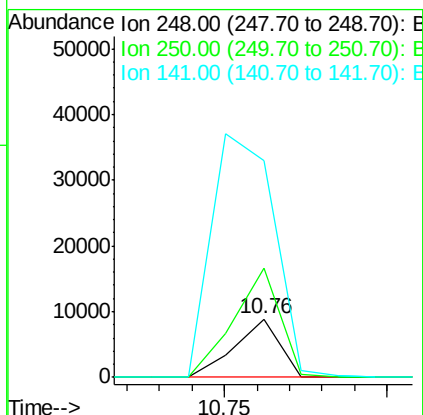
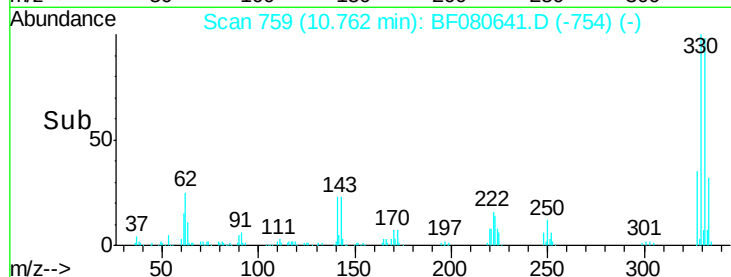
#66
 4-Bromophenyl-phenylether
 Concen: 3.83 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.24 min
 Lab File: BF080641.D
 Acq: 24 Jul 2015 22:47

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST2-072315

Tgt Ion:248 Resp: 8379
 Ion Ratio Lower Upper
 248 100
 250 187.5 76.6 114.8#
 141 371.9 90.0 135.0#

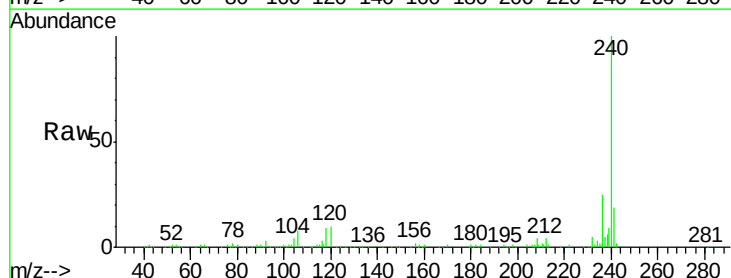


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

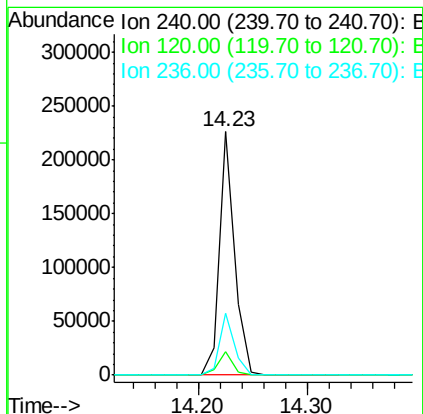
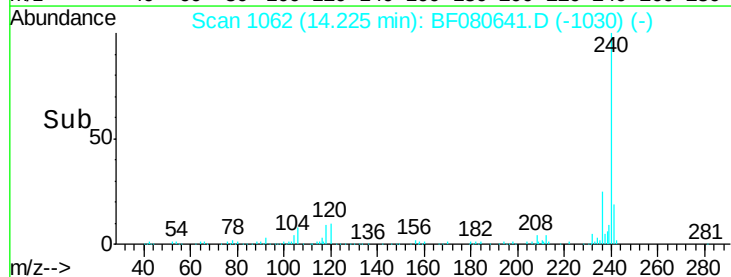


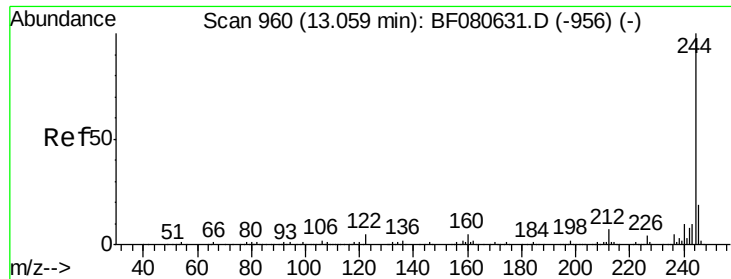
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.23 min Scan# 1062
 Delta R.T. 0.07 min
 Lab File: BF080641.D
 Acq: 24 Jul 2015 22:47

Tgt Ion:240 Resp: 222346
 Ion Ratio Lower Upper
 240 100
 120 9.7 10.8 16.2#
 236 25.4 20.3 30.5



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

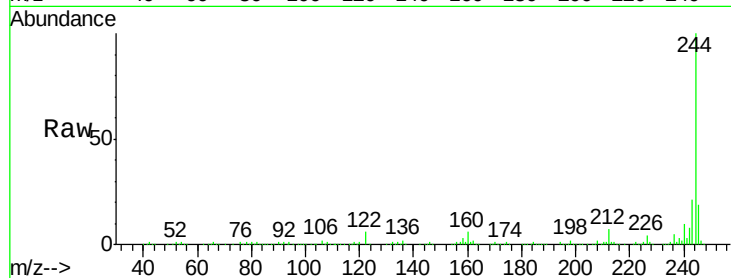




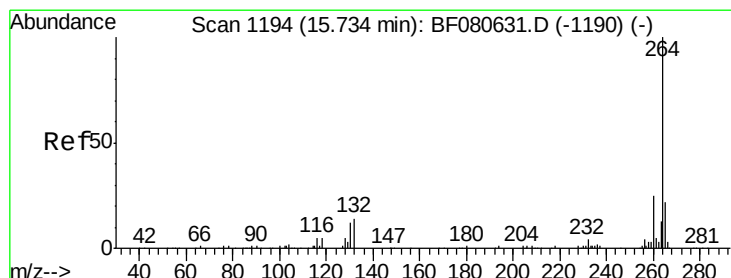
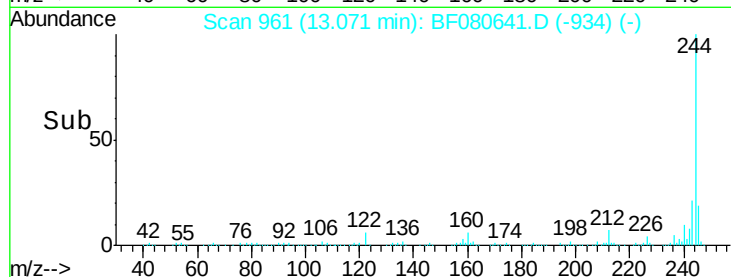
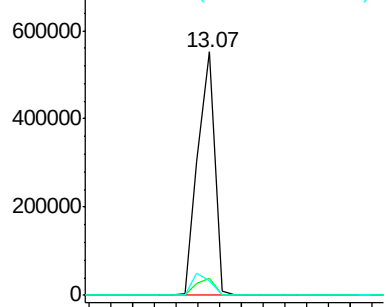
#78
 Terphenyl-d14
 Concen: 57.71 ng
 RT: 13.07 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF080641.D
 Acq: 24 Jul 2015 22:47

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST2-072315

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	5.9	4.1	6.1

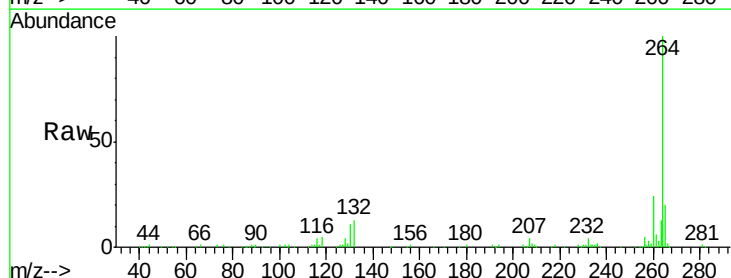


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.88 min Scan# 1207
 Delta R.T. 0.15 min
 Lab File: BF080641.D
 Acq: 24 Jul 2015 22:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.1	30.1
265	20.0	17.4	26.0



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

