

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080381.D
 Acq On : 7 Jul 2015 19:59
 Operator : TP/UM
 Sample : G2906-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST-2

Quant Time: Jul 08 01:41:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

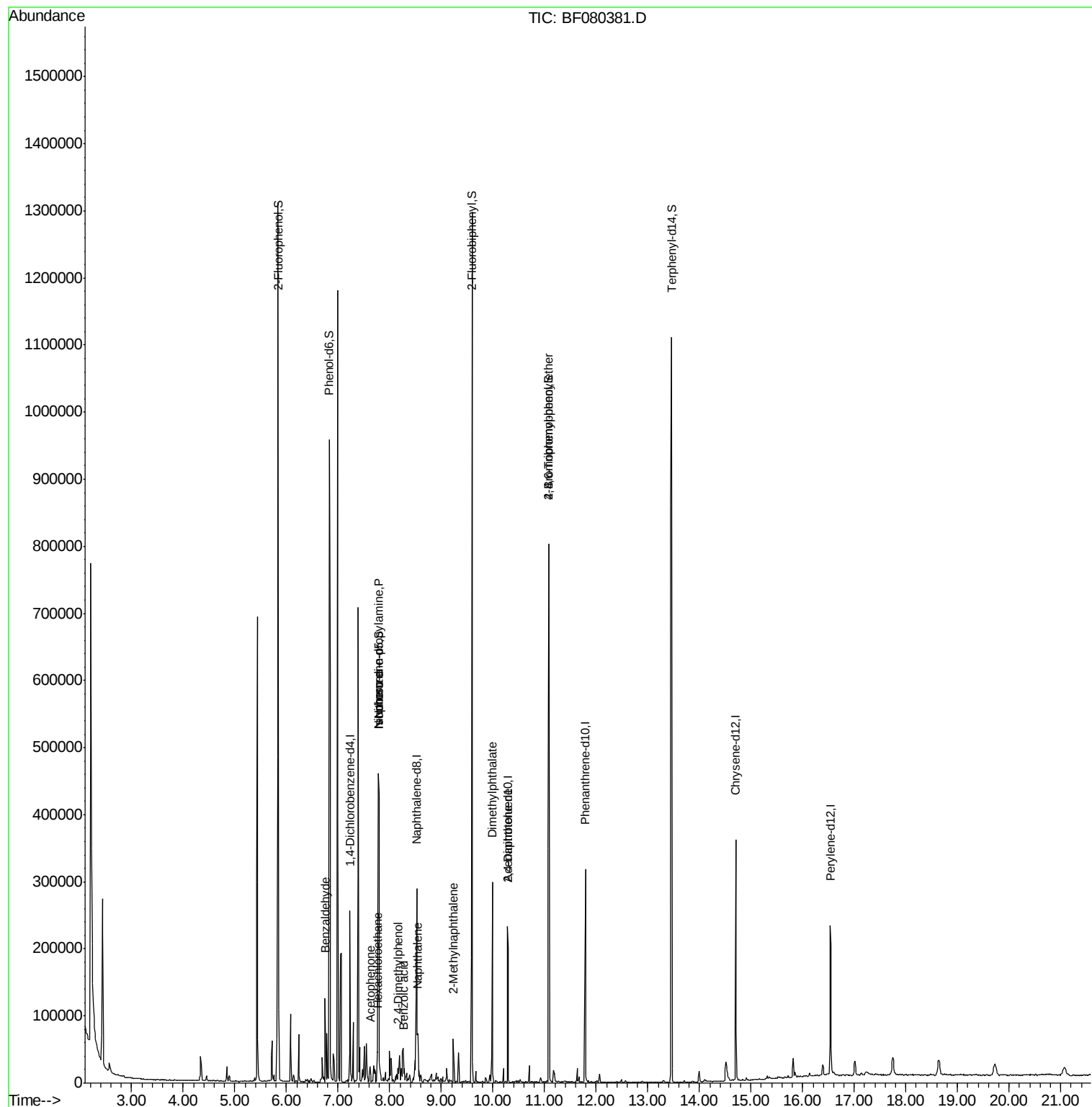
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	36263	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	134183	20.00	ng	0.00
38) Acenaphthene-d10	10.28	164	64069	20.00	ng	-0.01
63) Phenanthrene-d10	11.79	188	137747	20.00	ng	0.00
75) Chrysene-d12	14.71	240	142967	20.00	ng	-0.03
86) Perylene-d12	16.53	264	140698	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	309234	156.18	ng	0.00
7) Phenol-d6	6.83	99	381192	145.24	ng	0.00
23) Nitrobenzene-d5	7.78	82	213337	92.73	ng	-0.01
41) 2,4,6-Tribromophenol	11.08	330	101449	151.33	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	371908	78.34	ng	0.00
78) Terphenyl-d14	13.46	244	498128	81.27	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.75	77	5751	3.94	ng	# 1
18) Hexachloroethane	7.77	117	3806	4.50	ng	# 1
19) n-Nitroso-di-n-propylamine	7.78	70	27759	16.30	ng	# 78
22) Acetophenone	7.62	105	7788	2.52	ng	# 62
25) Isophorone	7.78	82	212712	48.04	ng	# 69
27) 2,4-Dimethylphenol	8.16	122	4959	2.52	ng	92
31) Naphthalene	8.54	128	40427	5.87	ng	99
32) Benzoic acid	8.27	122	1111	6.61	ng	# 68
37) 2-Methylnaphthalene	9.23	142	20783	4.74	ng	# 93
49) Dimethylphthalate	9.98	163	111863	21.74	ng	98
56) 2,4-Dinitrotoluene	10.28	165	8062	5.83	ng	# 35
66) 4-Bromophenyl-phenylether	11.08	248	7089	4.49	ng	# 1

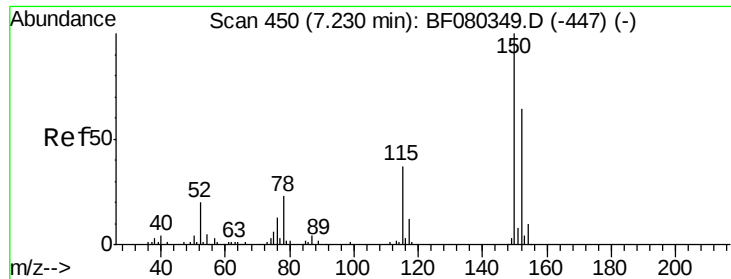
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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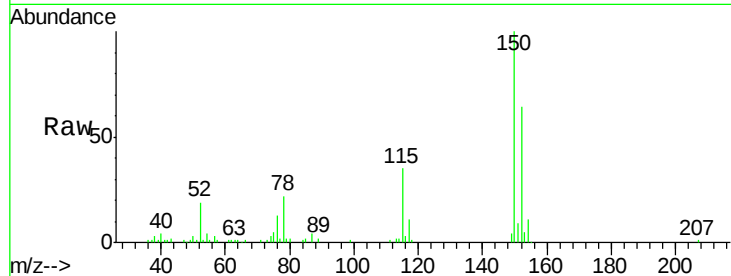


#1

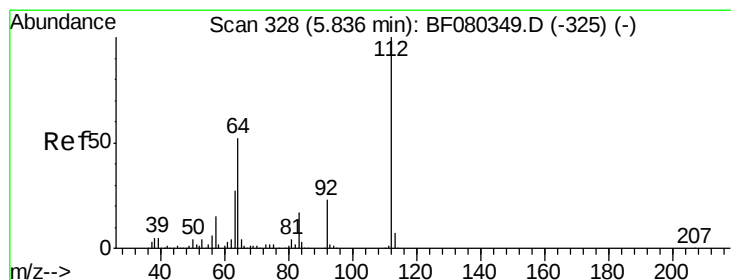
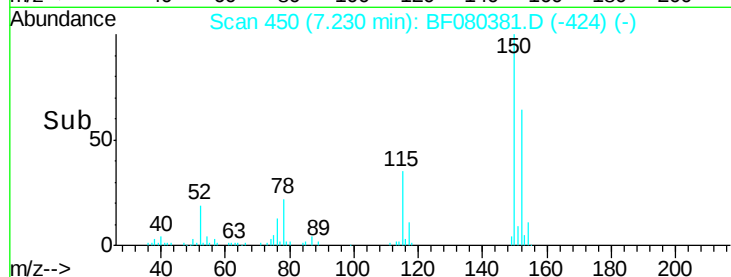
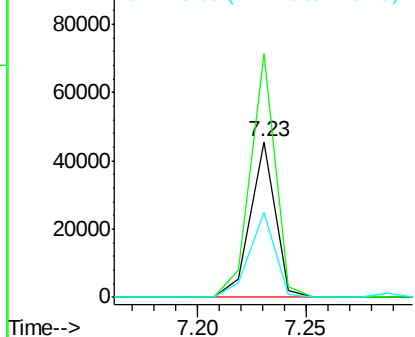
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080381.D
Acq: 7 Jul 2015 19:59

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST-2

Tgt Ion:152 Resp: 36263
Ion Ratio Lower Upper
152 100
150 156.6 124.7 187.1
115 54.6 45.7 68.5



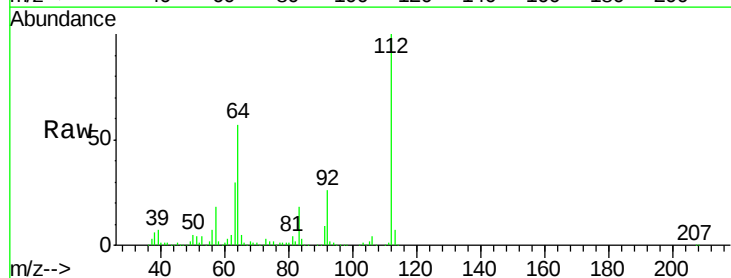
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



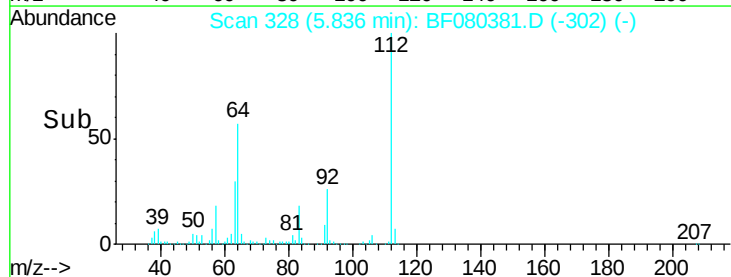
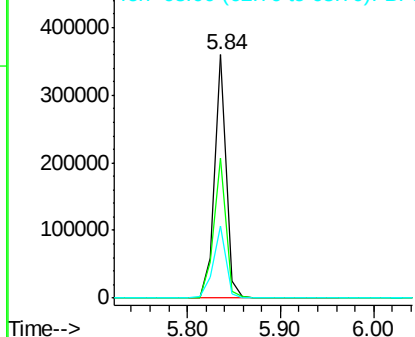
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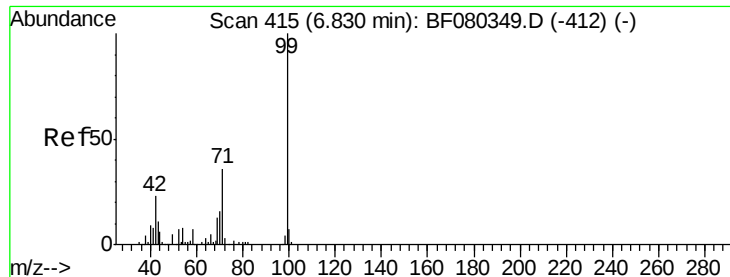
2-Fluorophenol
Concen: 156.18 ng
RT: 5.84 min Scan# 328
Delta R.T. 0.00 min
Lab File: BF080381.D
Acq: 7 Jul 2015 19:59

Tgt Ion:112 Resp: 309234
Ion Ratio Lower Upper
112 100
64 57.4 41.8 62.6
63 29.7 21.5 32.3



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: 145.24 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF080381.D

Acq: 7 Jul 2015 19:59

Instrument :

BNA_F

ClientSampleId :

SIDEWALLWEST-2

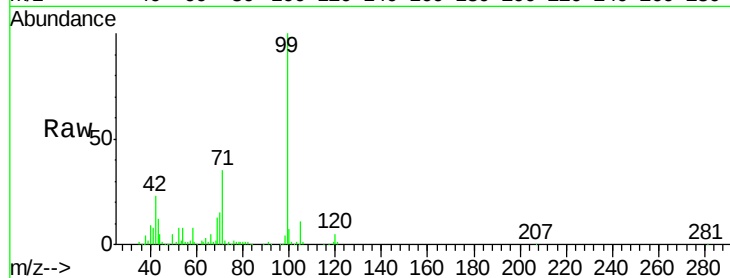
Tgt Ion: 99 Resp: 381192

Ion Ratio Lower Upper

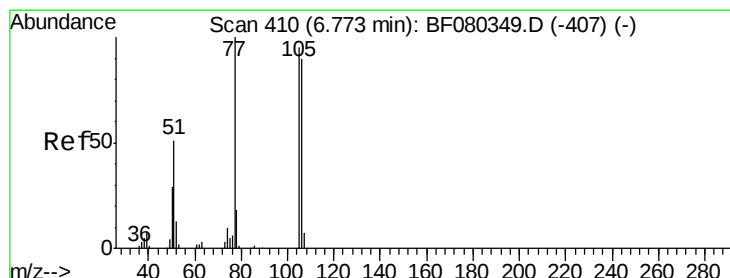
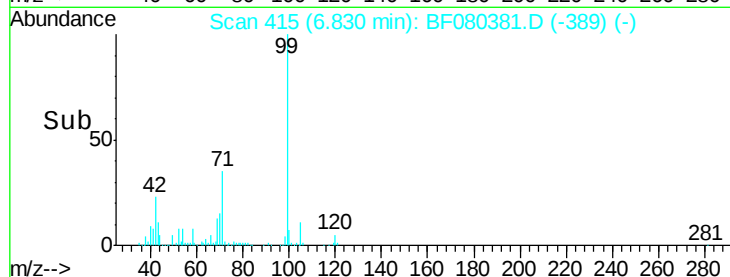
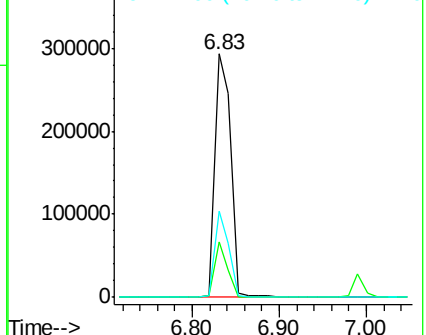
99 100

42 22.6 18.5 27.7

71 35.2 28.5 42.7



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



#9

Benzaldehyde

Concen: 3.94 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF080381.D

Acq: 7 Jul 2015 19:59

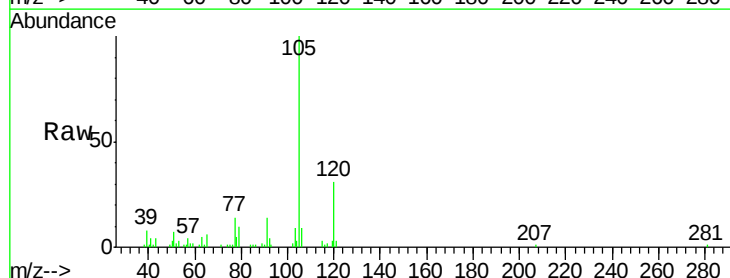
Tgt Ion: 77 Resp: 5751

Ion Ratio Lower Upper

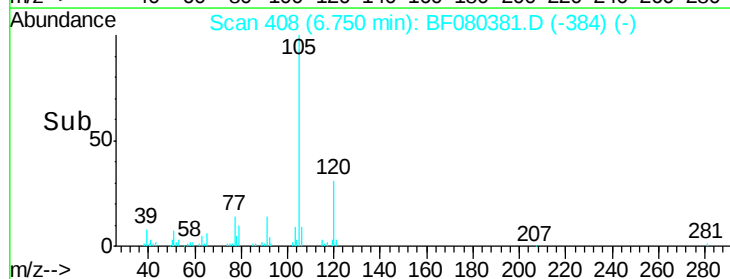
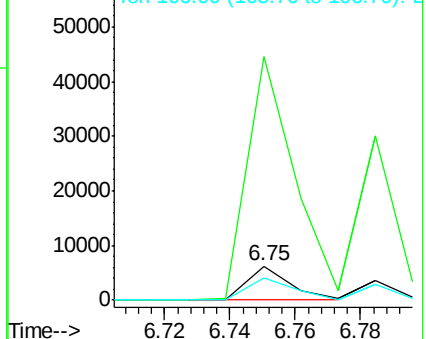
77 100

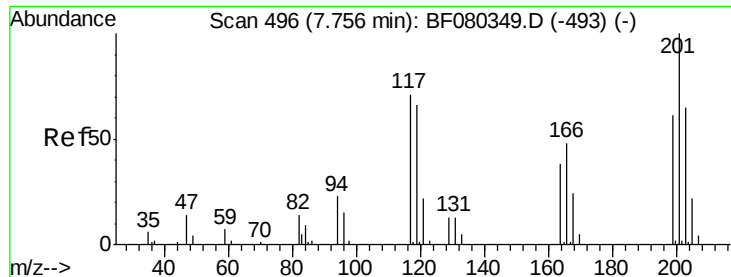
105 709.2 75.2 115.2#

106 63.7 69.9 109.9#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

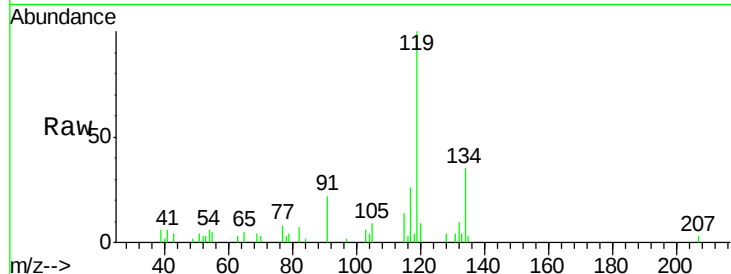




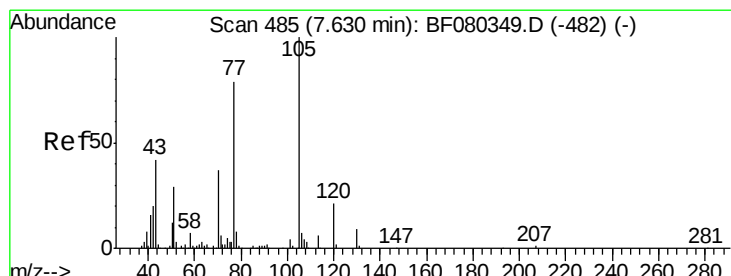
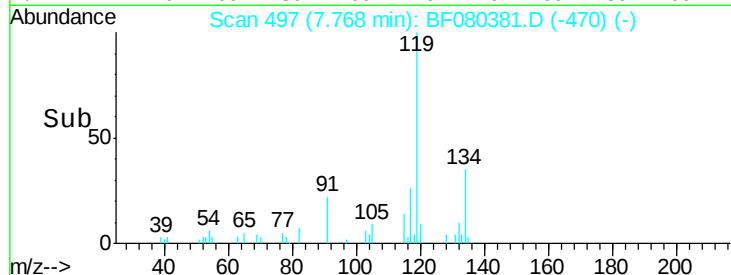
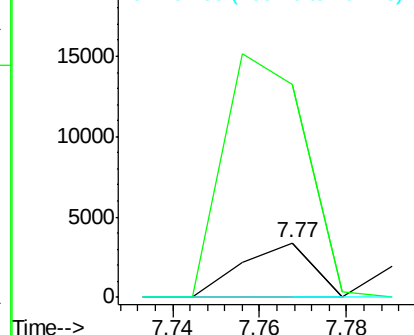
#18
Hexachloroethane
Concen: 4.50 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.01 min
Lab File: BF080381.D
Acq: 7 Jul 2015 19:59

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST-2

Tgt Ion: 117 Resp: 3806
Ion Ratio Lower Upper
117 100
119 391.0 74.2 111.4#
201 0.0 112.4 168.6#

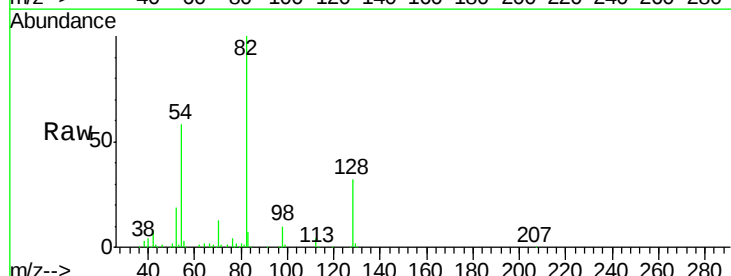


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

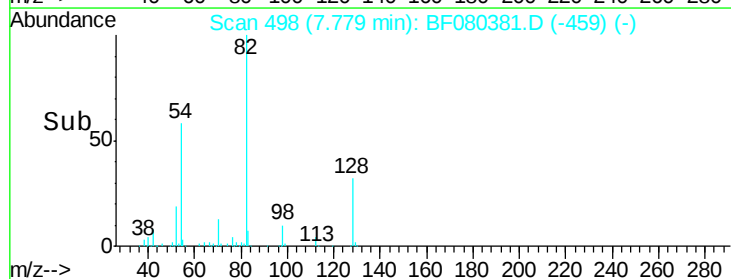
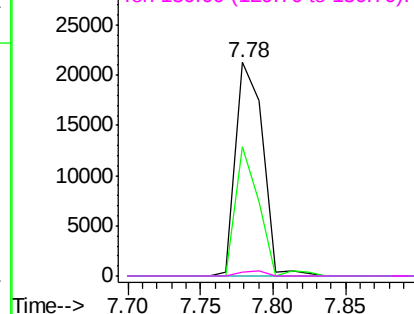


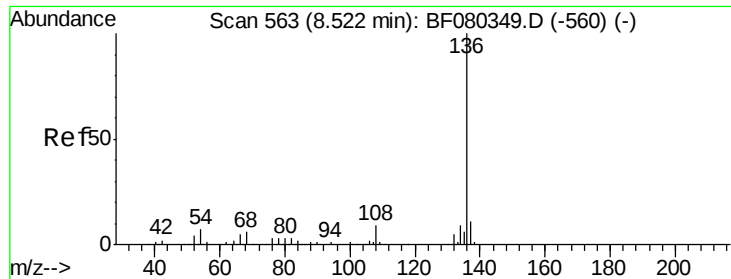
#19
n-Nitroso-di-n-propylamine
Concen: 16.30 ng
RT: 7.78 min Scan# 498
Delta R.T. 0.15 min
Lab File: BF080381.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 70 Resp: 27759
Ion Ratio Lower Upper
70 100
42 60.6 43.0 64.6
101 0.0 8.3 12.5#
130 1.6 20.2 30.2#



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

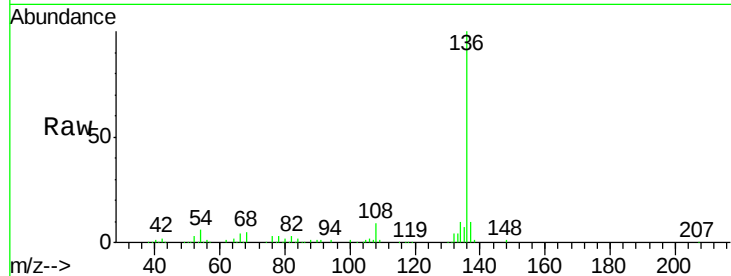




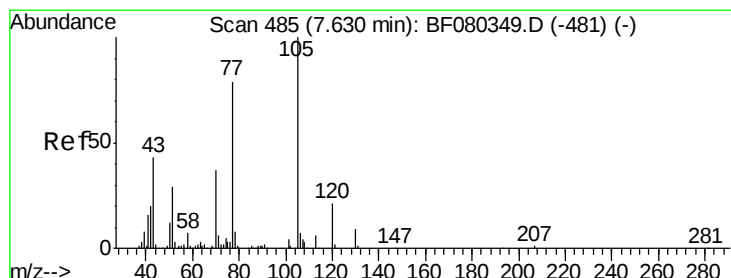
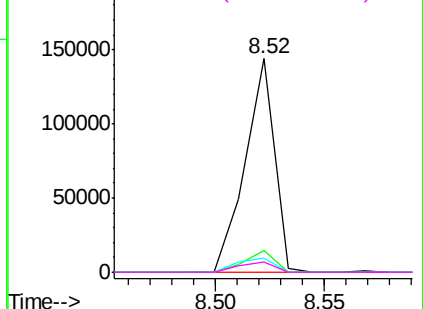
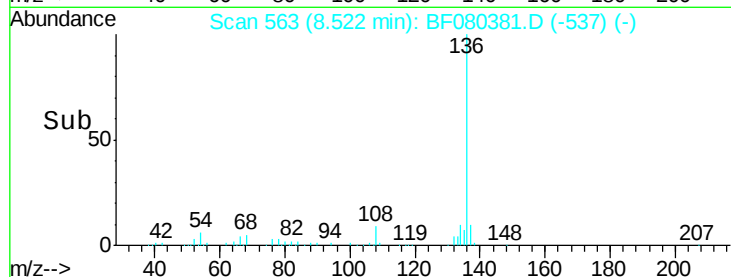
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF080381.D
Acq: 7 Jul 2015 19:59

Instrument :
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ClientSampleId :
SIDEWALLWEST-2

Tgt Ion:	136	Resp:	134183
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.3	5.8	8.8
68	5.0	4.6	6.8

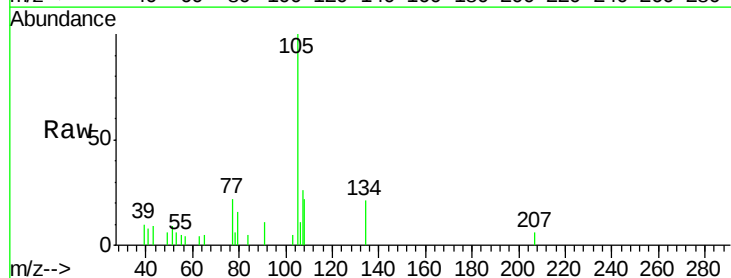


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

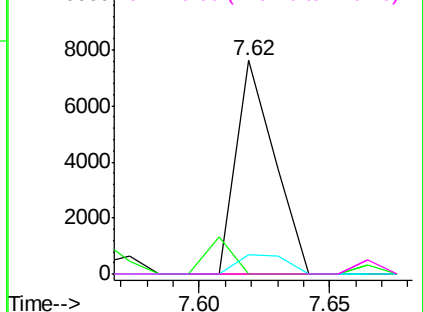
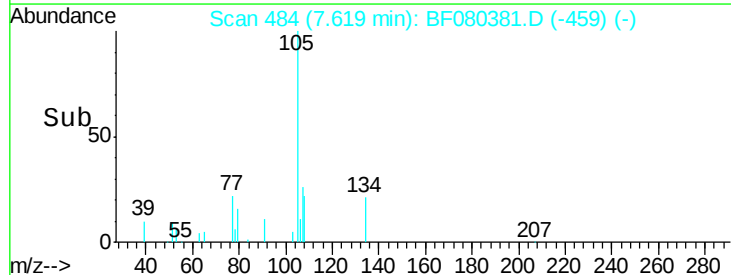


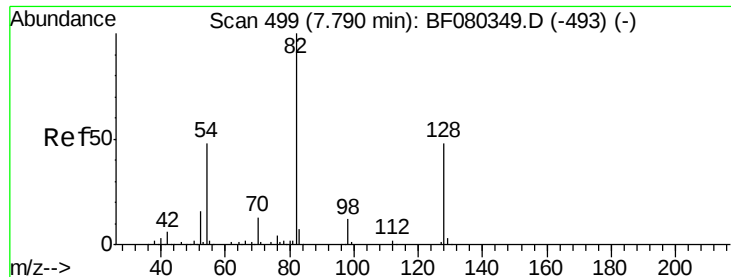
#22
Acetophenone
Concen: 2.52 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080381.D
Acq: 7 Jul 2015 19:59

Tgt Ion:	105	Resp:	7788
Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.0	7.6#
51	9.1	23.2	34.8#
120	0.0	17.0	25.4#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

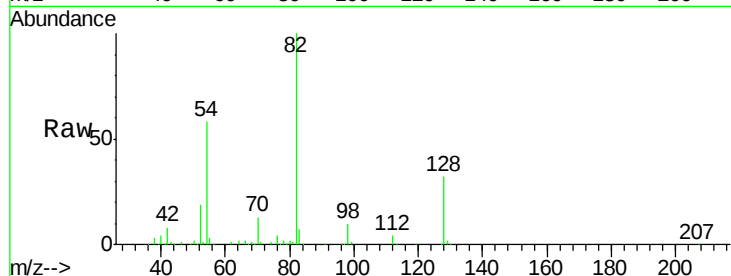




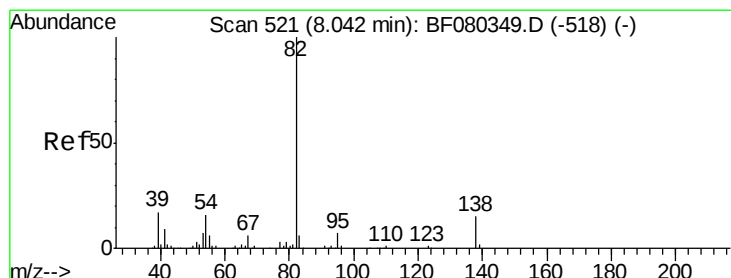
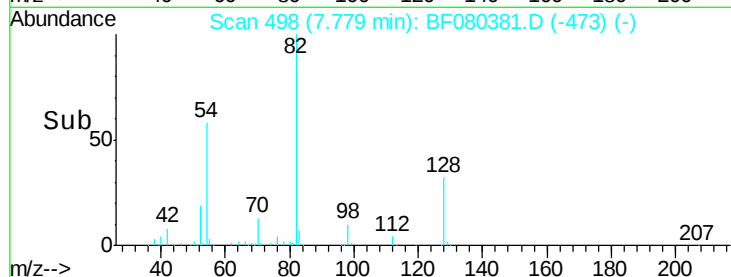
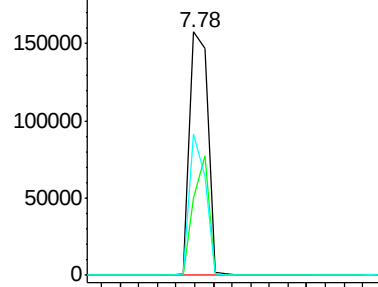
#23
 Nitrobenzene-d5
 Concen: 92.73 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF080381.D
 Acq: 7 Jul 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST-2

Tgt Ion: 82 Resp: 21337
 Ion Ratio Lower Upper
 82 100
 128 31.9 38.4 57.6#
 54 58.0 38.2 57.2#

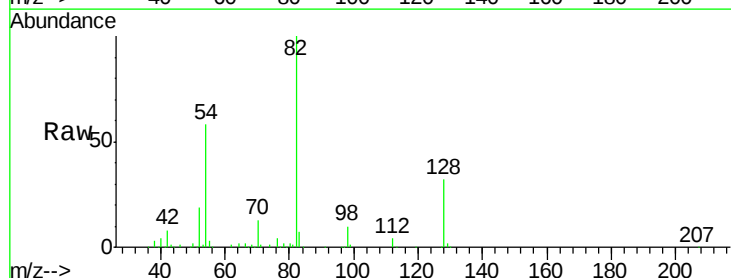


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

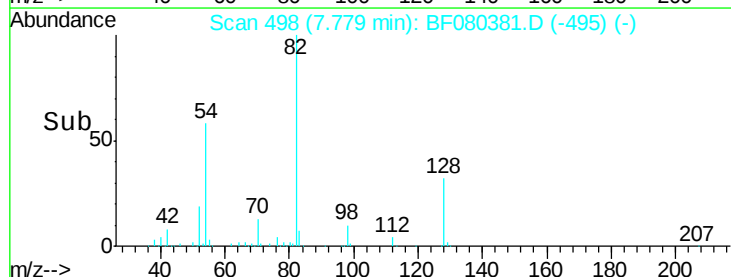
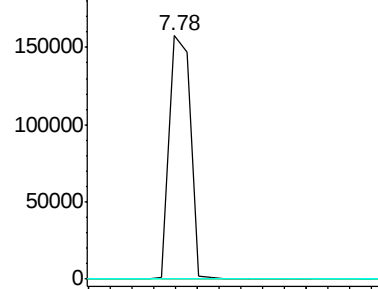


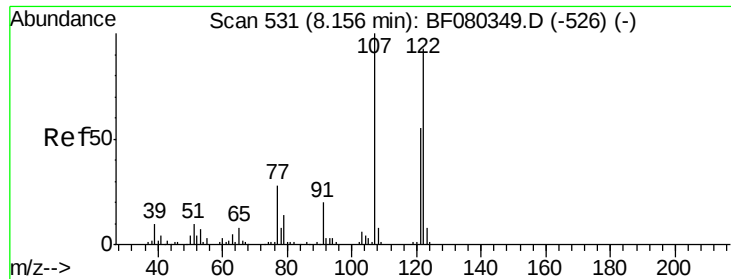
#25
 Isophorone
 Concen: 48.04 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.26 min
 Lab File: BF080381.D
 Acq: 7 Jul 2015 19:59

Tgt Ion: 82 Resp: 212712
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 12.0 18.0#



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

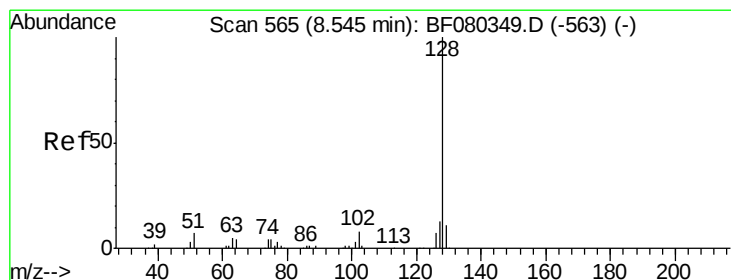
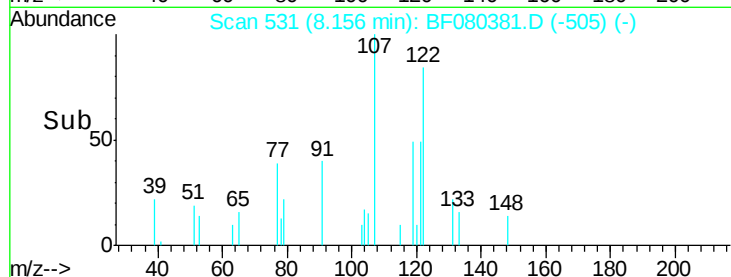
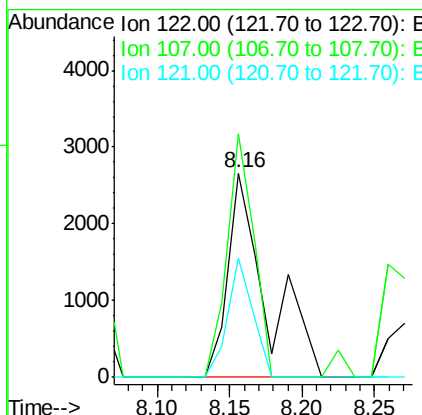
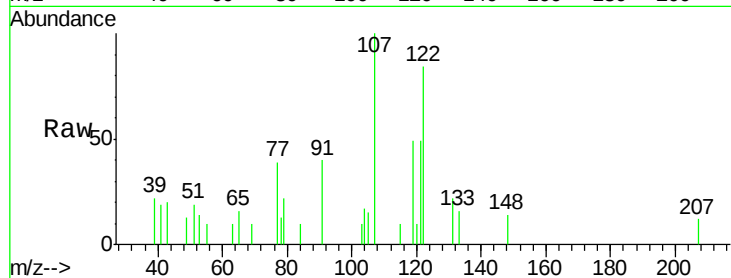




#27
 2,4-Dimethylphenol
 Concen: 2.52 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF080381.D
 Acq: 7 Jul 2015 19:59

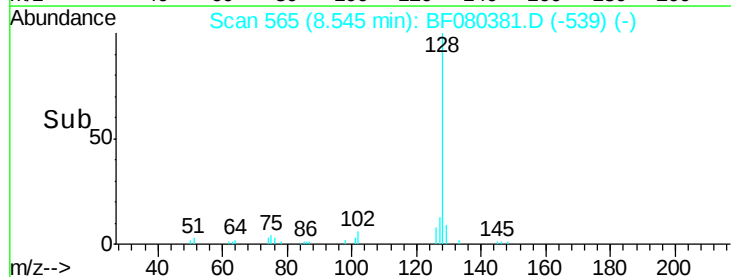
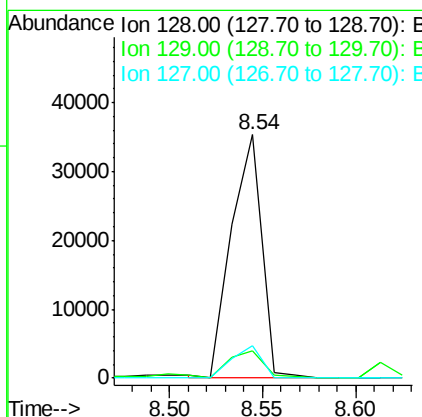
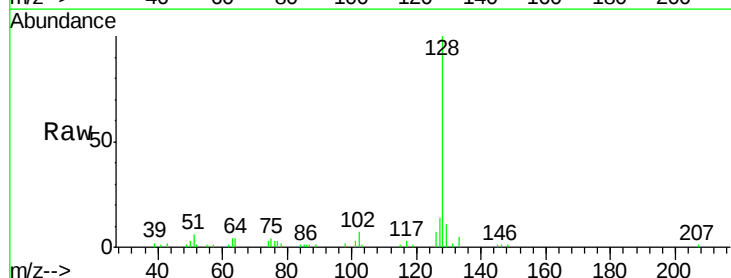
Instrument :
 BNA_F
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 SIDEWALLWEST-2

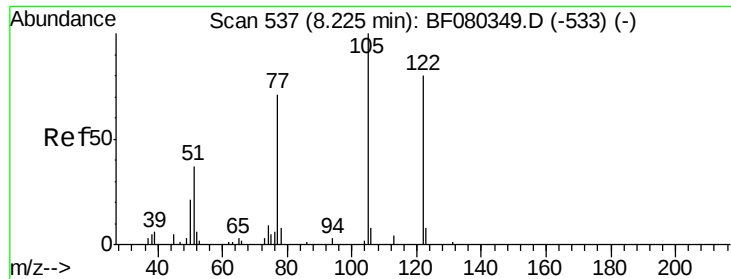
Tgt Ion:122 Resp: 4959
 Ion Ratio Lower Upper
 122 100
 107 119.2 85.8 128.6
 121 58.7 46.9 70.3



#31
 Naphthalene
 Concen: 5.87 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF080381.D
 Acq: 7 Jul 2015 19:59

Tgt Ion:128 Resp: 40427
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.8 13.2
 127 13.5 10.4 15.6

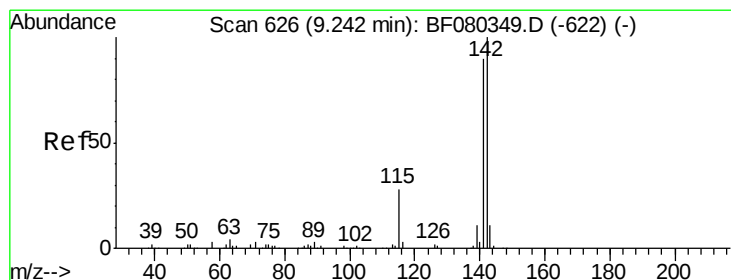
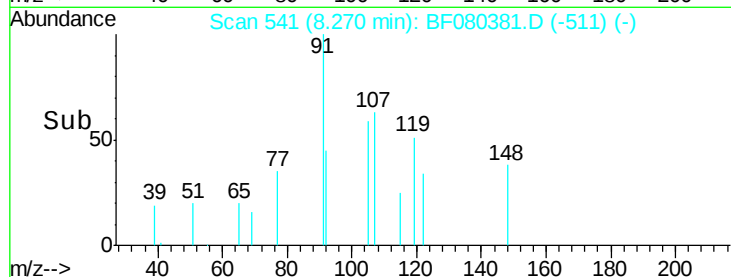
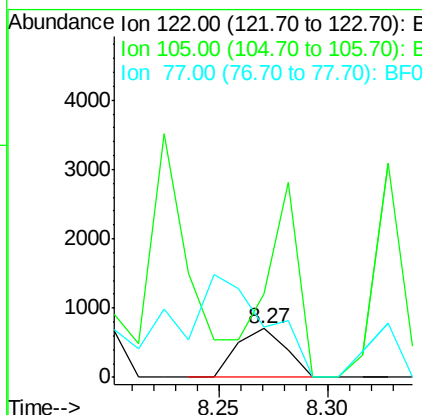
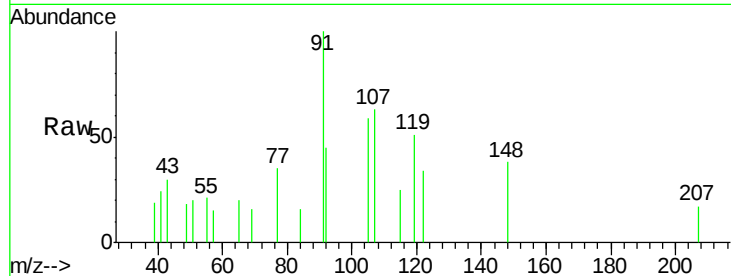




#32
Benzoic acid
Concen: 6.61 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.05 min
Lab File: BF080381.D
Acq: 7 Jul 2015 19:59

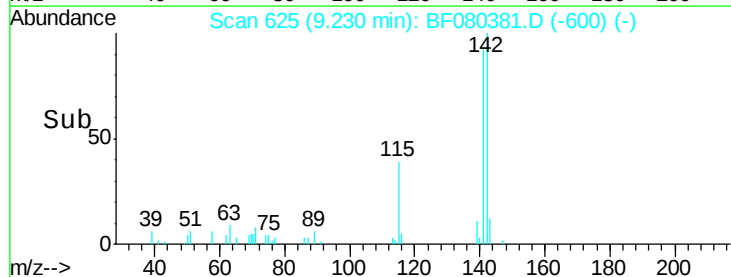
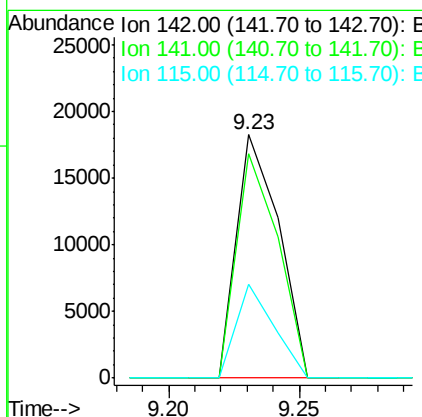
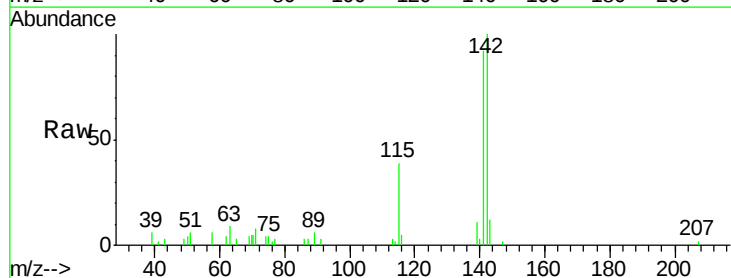
Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST-2

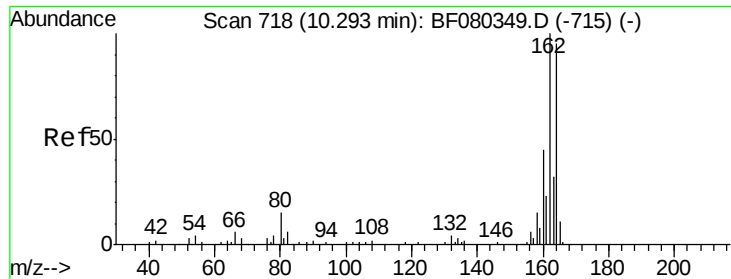
Tgt Ion:122 Resp: 1111
Ion Ratio Lower Upper
122 100
105 171.1 102.2 142.2#
77 102.8 68.8 108.8



#37
2-Methylnaphthalene
Concen: 4.74 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF080381.D
Acq: 7 Jul 2015 19:59

Tgt Ion:142 Resp: 20783
Ion Ratio Lower Upper
142 100
141 92.1 71.8 107.8
115 38.6 22.6 34.0#

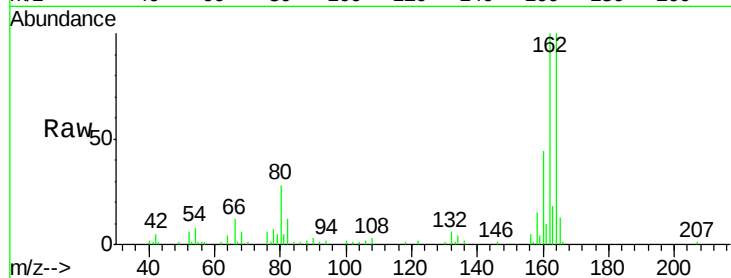




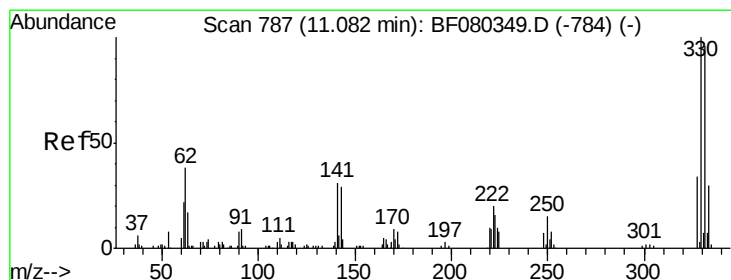
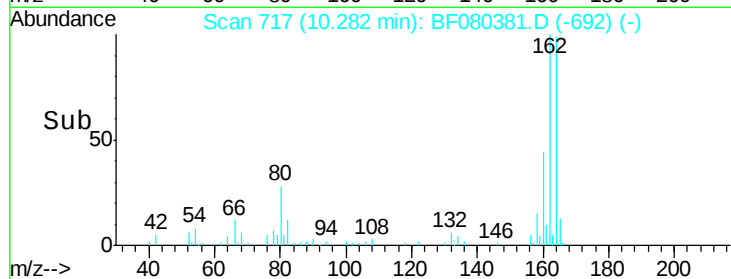
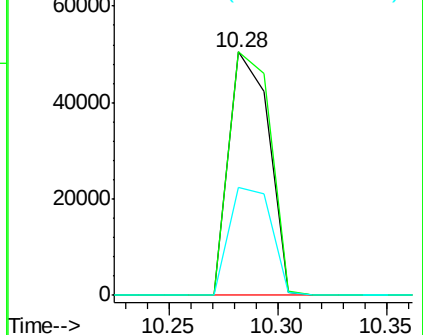
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF080381.D
Acq: 7 Jul 2015 19:59

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST-2

Tgt Ion:164 Resp: 64069
Ion Ratio Lower Upper
164 100
162 99.9 84.5 126.7
160 44.4 37.7 56.5

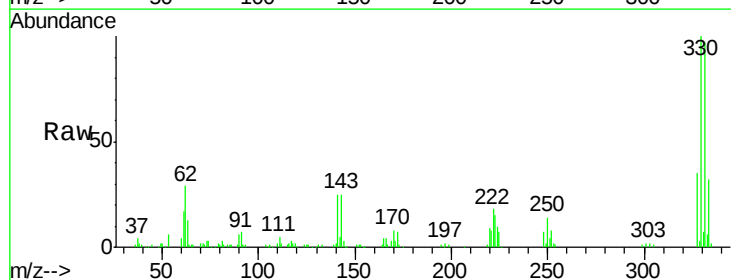


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

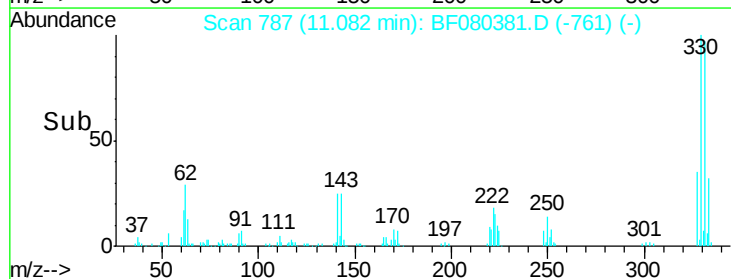
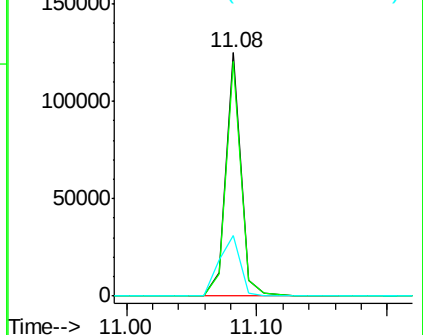


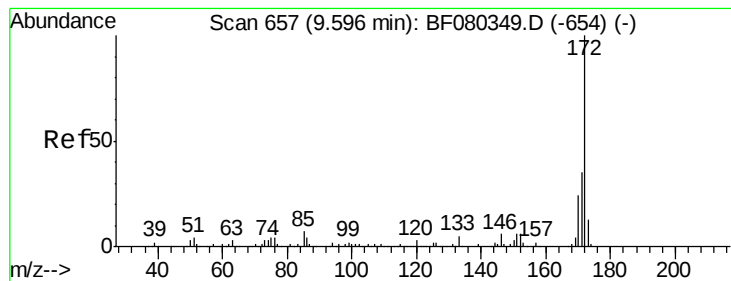
#41
2,4,6-Tribromophenol
Concen: 151.33 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF080381.D
Acq: 7 Jul 2015 19:59

Tgt Ion:330 Resp: 101449
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 34.9 29.6 44.4



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

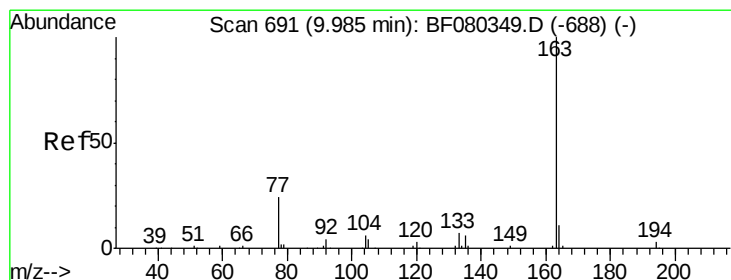
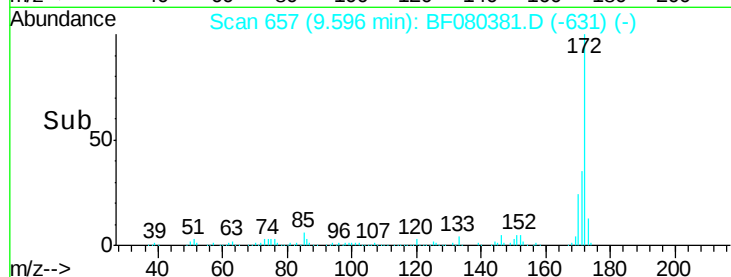
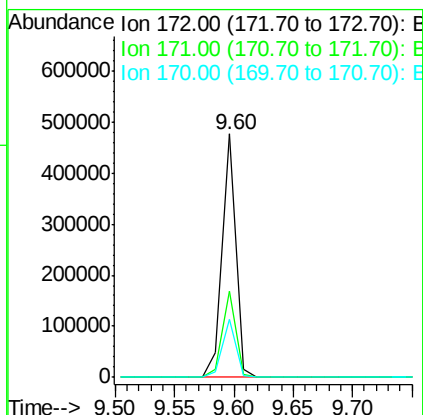
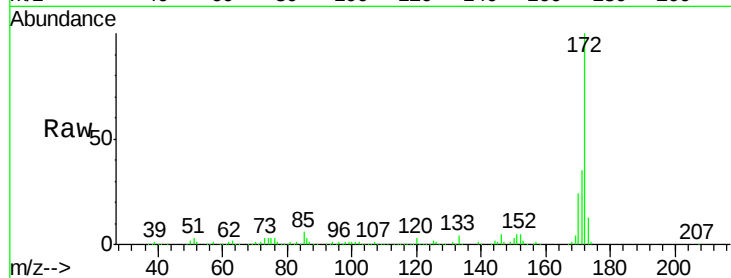




#44
 2-Fluorobiphenyl
 Concen: 78.34 ng
 RT: 9.60 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF080381.D
 Acq: 7 Jul 2015 19:59

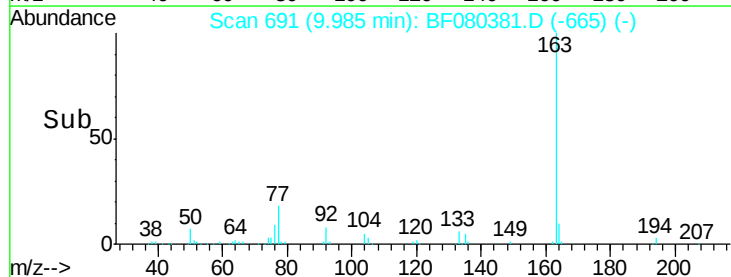
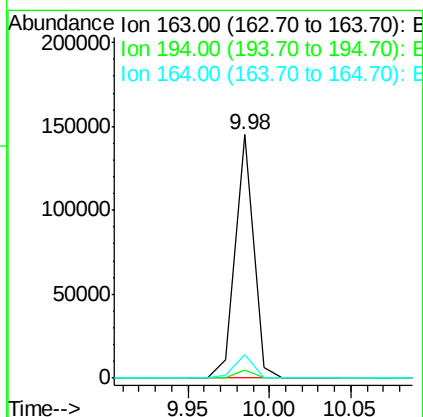
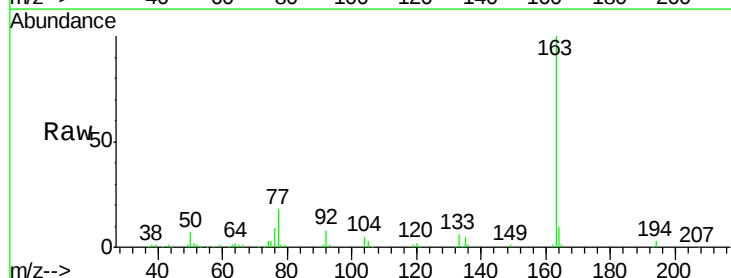
Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST-2

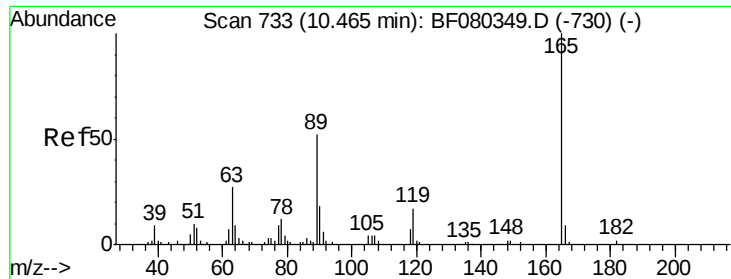
Tgt Ion:172 Resp: 371908
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.6 19.1 28.7



#49
 Dimethylphthalate
 Concen: 21.74 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF080381.D
 Acq: 7 Jul 2015 19:59

Tgt Ion:163 Resp: 111863
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 3.8
 164 9.8 8.5 12.7

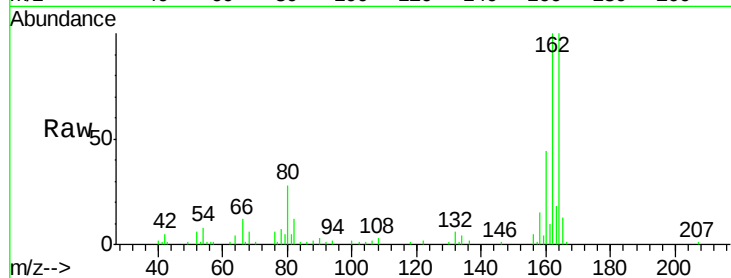




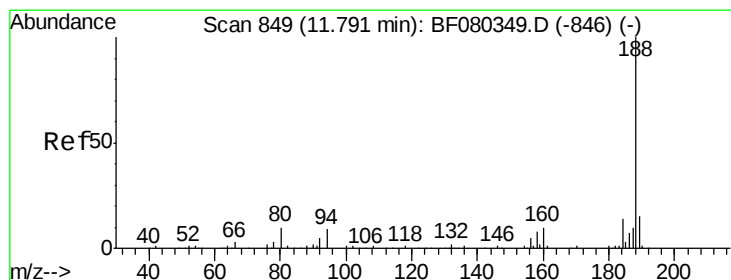
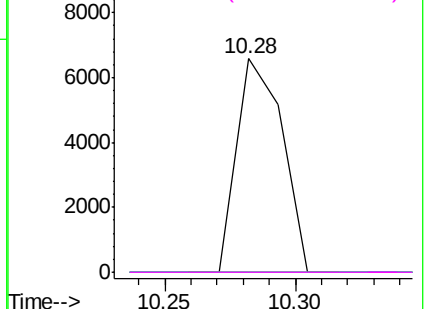
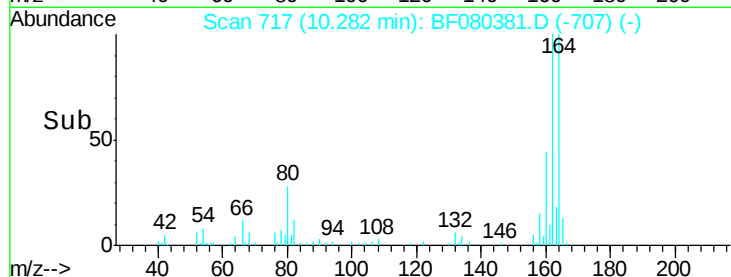
#56
 2,4-Dinitrotoluene
 Concen: 5.83 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.18 min
 Lab File: BF080381.D
 Acq: 7 Jul 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST-2

Tgt Ion:165 Resp: 8062
 Ion Ratio Lower Upper
 165 100
 63 0.0 21.8 32.8#
 89 0.0 41.3 61.9#
 182 0.0 1.8 2.6#

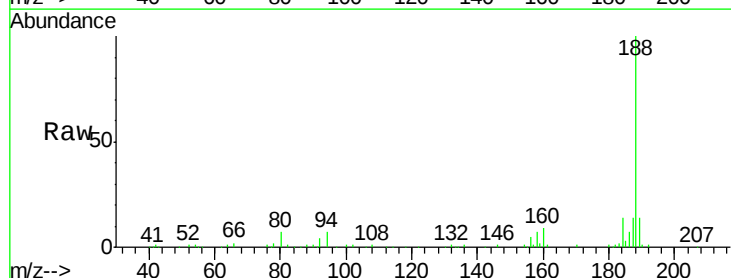


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

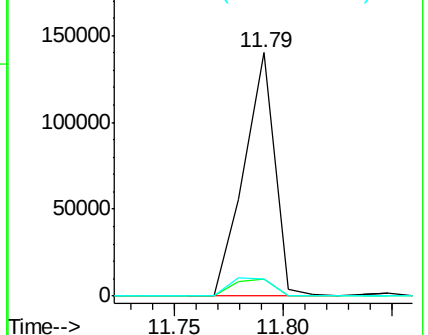
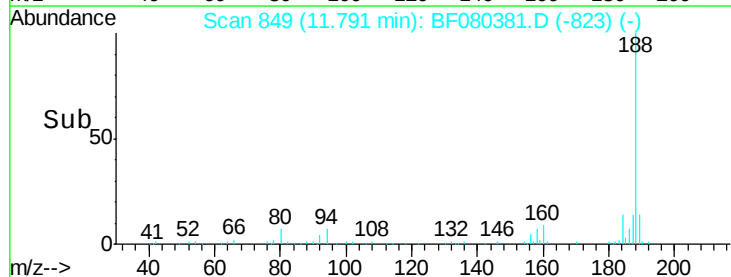


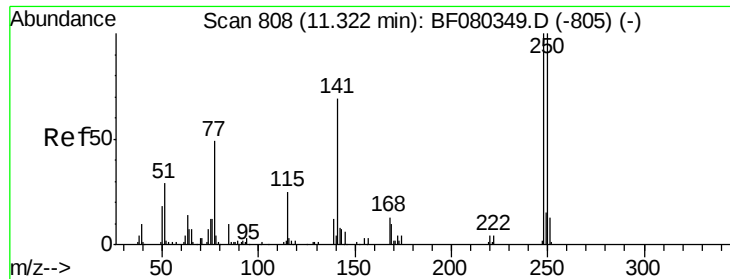
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.79 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF080381.D
 Acq: 7 Jul 2015 19:59

Tgt Ion:188 Resp: 137747
 Ion Ratio Lower Upper
 188 100
 94 6.8 7.5 11.3#
 80 6.9 8.3 12.5#



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

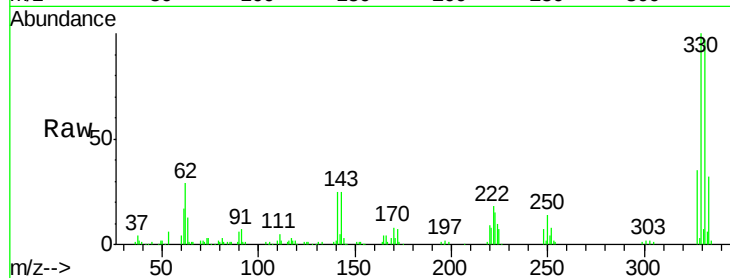




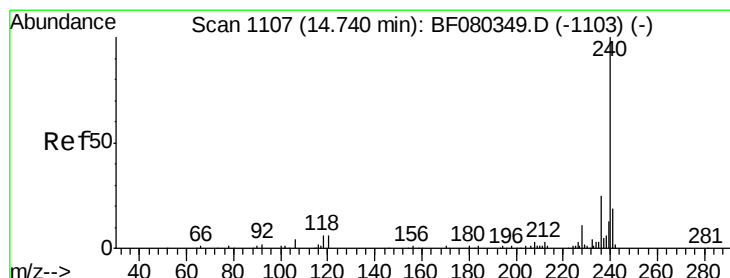
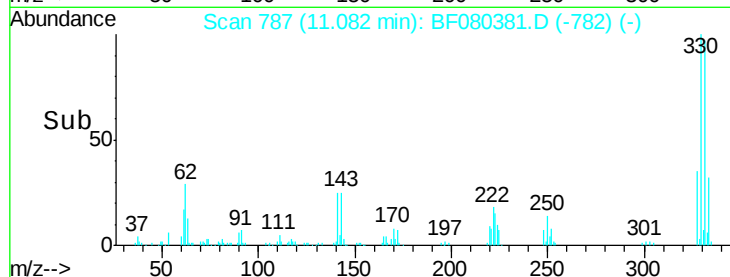
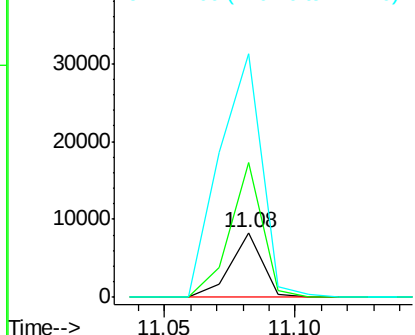
#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.24 min
Lab File: BF080381.D
Acq: 7 Jul 2015 19:59

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST-2

Tgt Ion:248 Resp: 7089
Ion Ratio Lower Upper
248 100
250 209.1 80.0 120.0#
141 377.9 54.8 82.2#

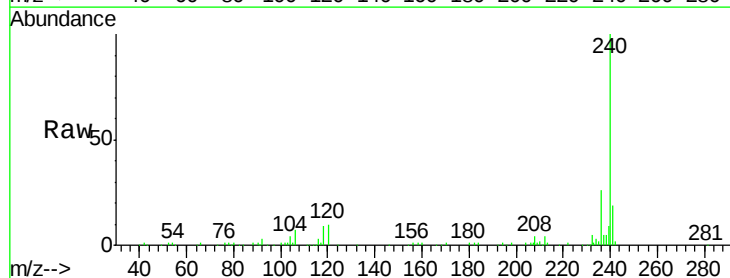


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

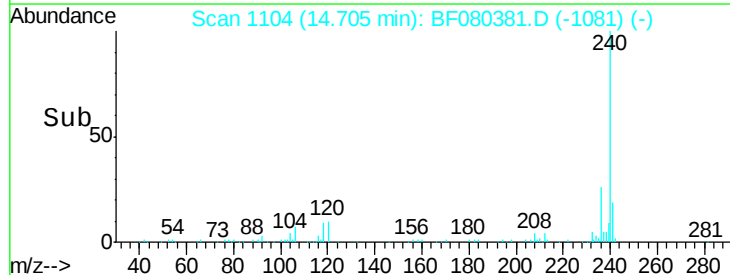
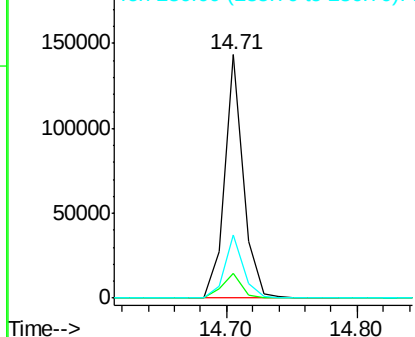


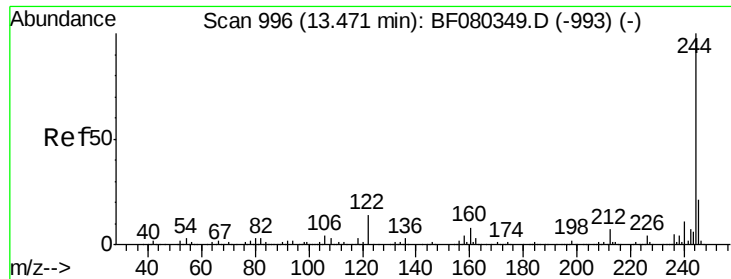
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1104
Delta R.T. -0.03 min
Lab File: BF080381.D
Acq: 7 Jul 2015 19:59

Tgt Ion:240 Resp: 142967
Ion Ratio Lower Upper
240 100
120 10.2 5.1 7.7#
236 25.8 20.4 30.6



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

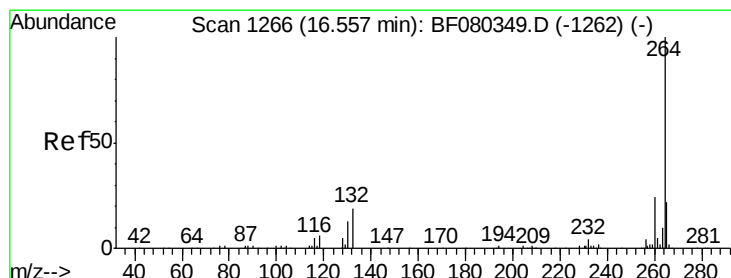
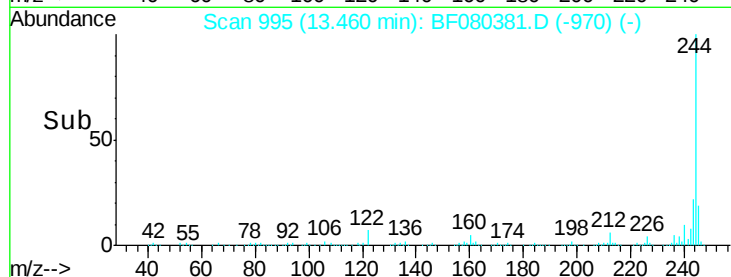
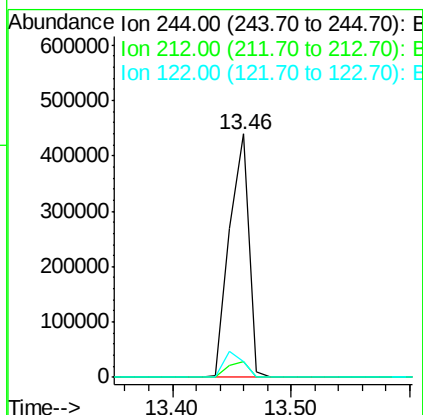
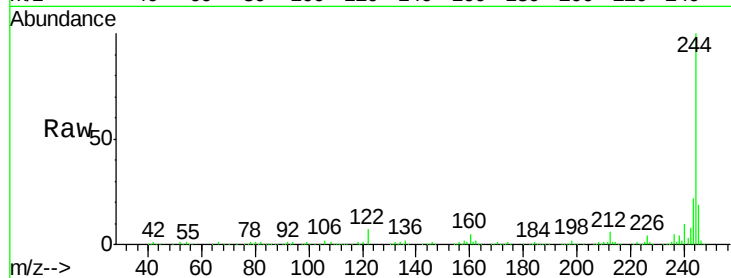




#78
 Terphenyl-d14
 Concen: 81.27 ng
 RT: 13.46 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF080381.D
 Acq: 7 Jul 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST-2

Tgt Ion:244 Resp: 498128
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.8 8.8
 122 6.6 11.1 16.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BF080381.D
 Acq: 7 Jul 2015 19:59

Tgt Ion:264 Resp: 140698
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.1 17.6 26.4

