

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
 Data File : BF082116.D
 Acq On : 7 Oct 2015 21:05
 Operator : UM/IZ
 Sample : G3991-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Oct 08 02:54:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

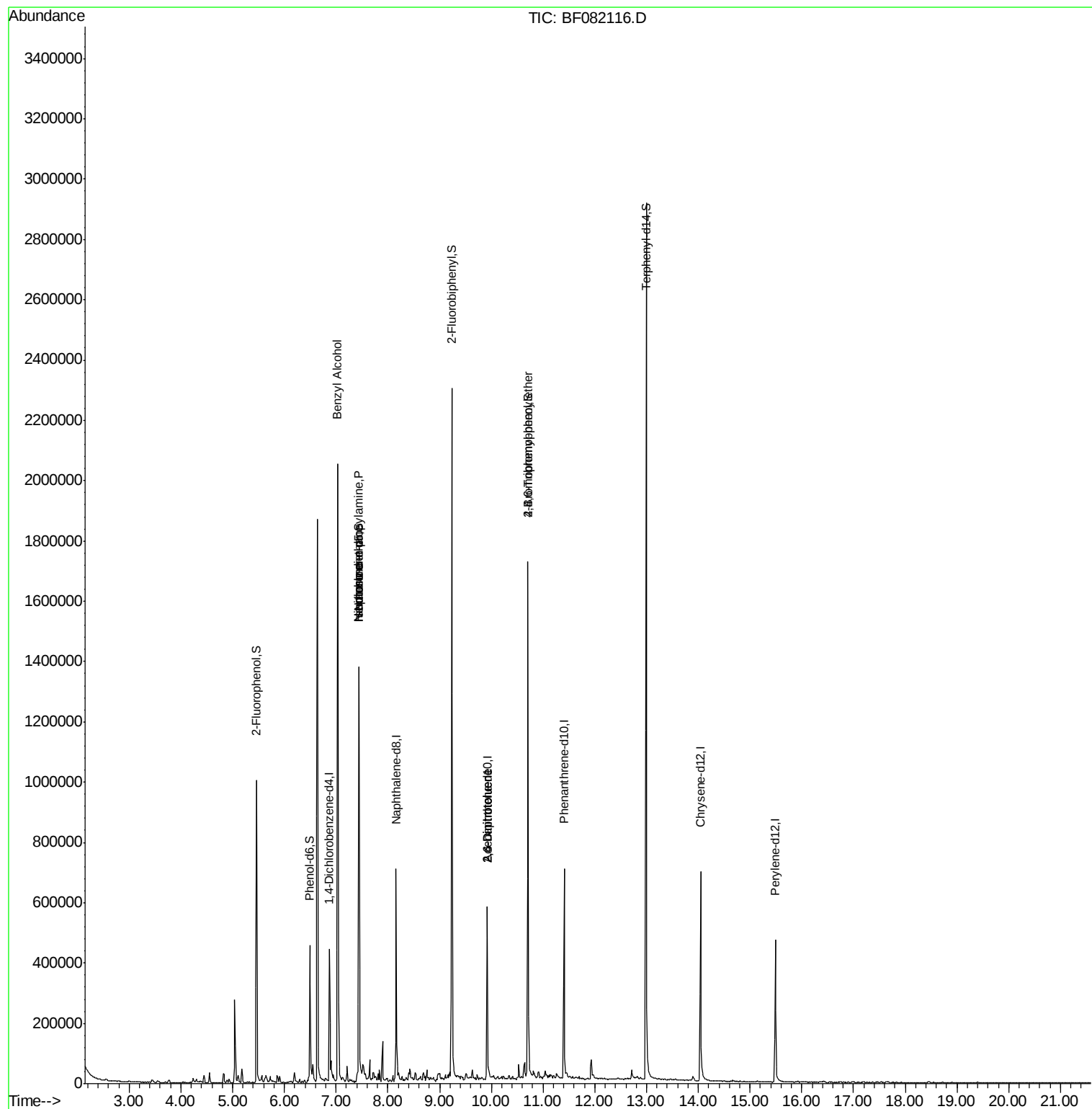
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	84147	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	347925	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	164591	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	338059	20.00	ng	0.00
75) Chrysene-d12	14.05	240	338317	20.00	ng	-0.01
86) Perylene-d12	15.49	264	267025	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	300935	64.92	ng	0.00
7) Phenol-d6	6.49	99	230588	39.53	ng	-0.01
23) Nitrobenzene-d5	7.44	82	492803	94.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	232637	139.56	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	986821	105.10	ng	-0.01
78) Terphenyl-d14	13.00	244	1065375	110.80	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.03	79	10467	2.49	ng	# 29
18) Hexachloroethane	7.44	117	50384	25.49	ng	# 6
19) n-Nitroso-di-n-propylamine	7.44	70	63007	17.77	ng	# 59
25) Isophorone	7.44	82	417908	40.40	ng	# 59
50) 2,6-Dinitrotoluene	9.92	165	20700	8.39	ng	# 41
56) 2,4-Dinitrotoluene	9.92	165	20701	6.58	ng	# 35
57) Fluorene	10.47	166	525	Below Cal		# 53
66) 4-Bromophenyl-phenylether	10.71	248	15824	4.64	ng	# 1
70) Phenanthrene	11.43	178	240	Below Cal		# 62
73) Di-n-butylphthalate	11.97	149	5354	Below Cal		# 90

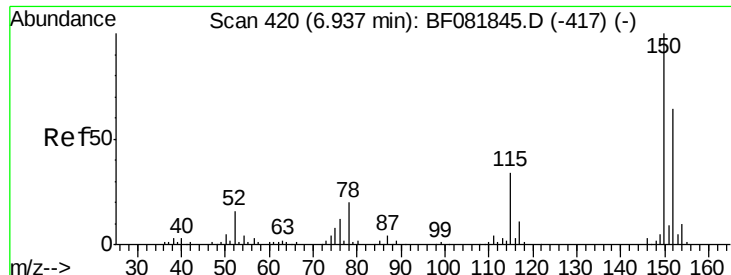
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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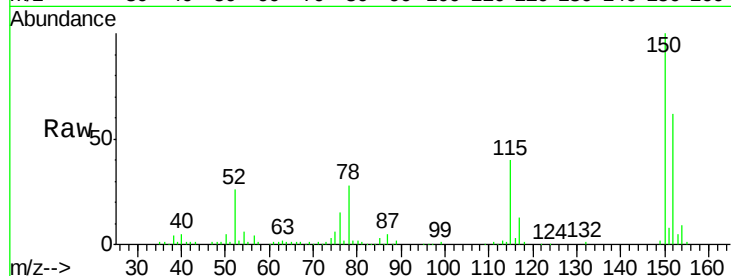


#1

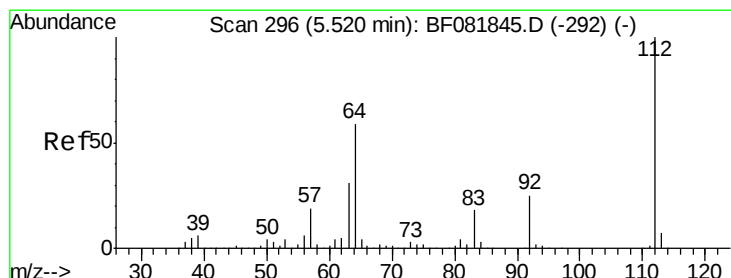
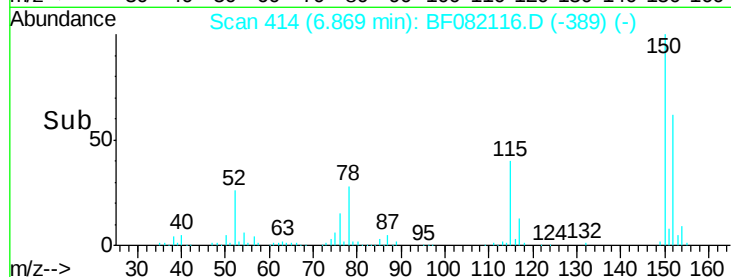
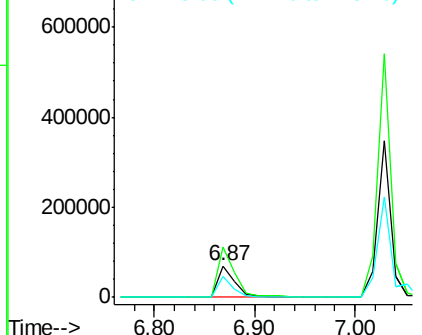
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:152 Resp: 84147
Ion Ratio Lower Upper
152 100
150 160.7 124.7 187.1
115 64.8 39.0 58.4#



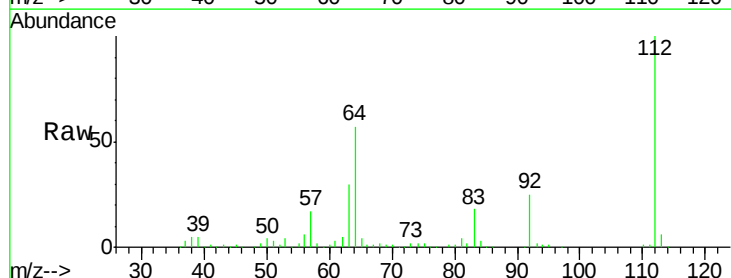
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



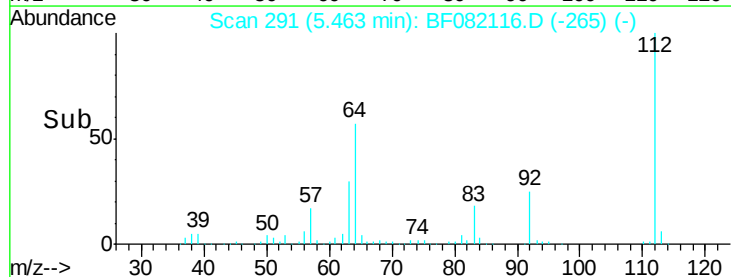
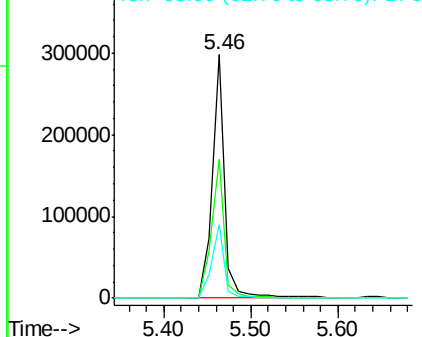
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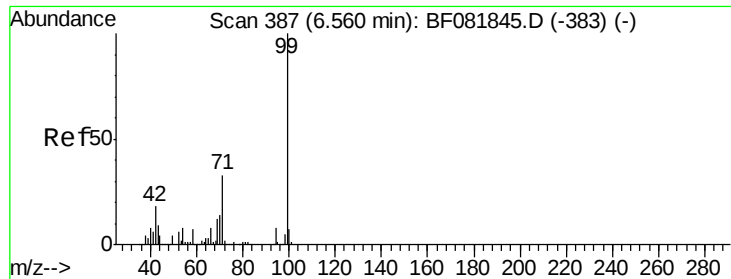
2-Fluorophenol
Concen: 64.92 ng
RT: 5.46 min Scan# 291
Delta R.T. -0.00 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Tgt Ion:112 Resp: 300935
Ion Ratio Lower Upper
112 100
64 56.9 39.7 59.5
63 30.0 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: 39.53 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082116.D

Acq: 7 Oct 2015 21:05

Instrument :

BNA_F

ClientSampleId :

MW-1

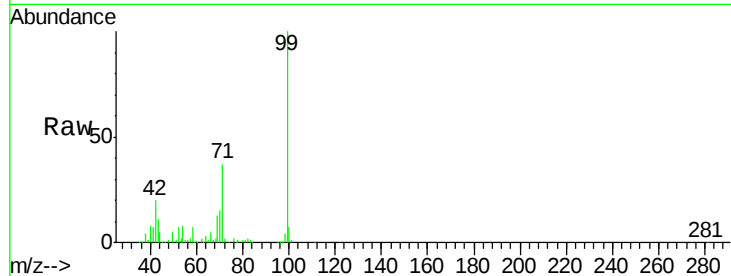
Tot Ion: 99 Resp: 230588

Ion Ratio Lower Upper

99 100

42 20.4 13.7 20.5

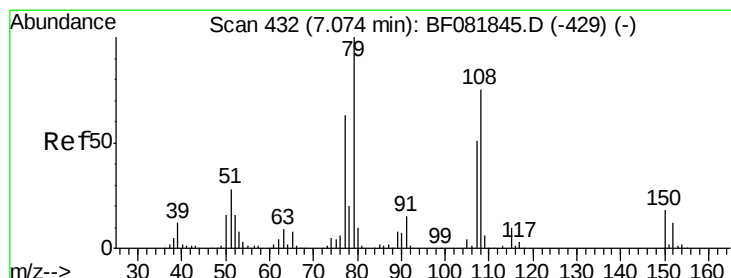
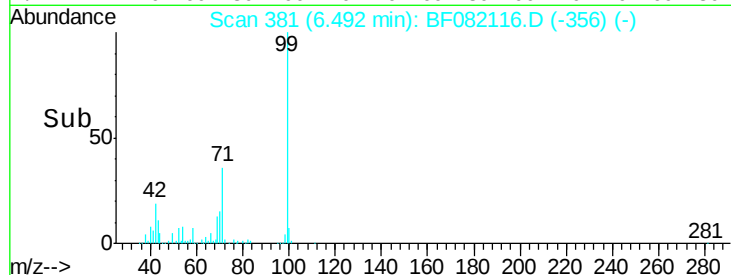
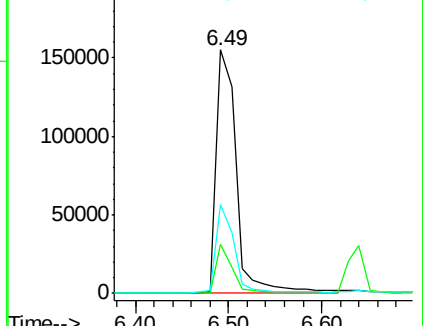
71 36.6 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.49 ng

RT: 7.03 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF082116.D

Acq: 7 Oct 2015 21:05

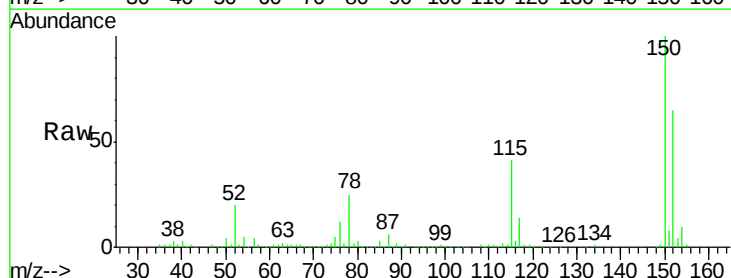
Tgt Ion: 79 Resp: 10467

Ion Ratio Lower Upper

79 100

108 28.0 88.6 132.8#

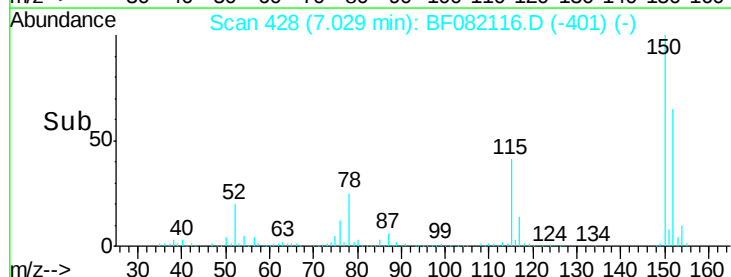
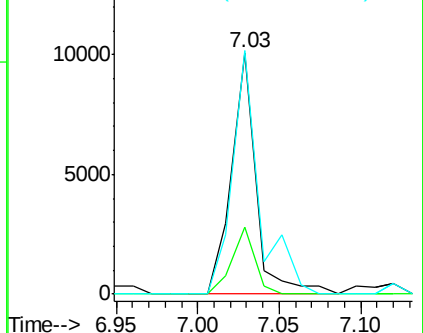
77 100.9 47.0 70.4#

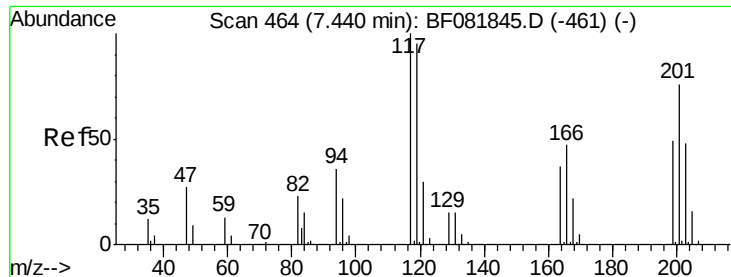


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

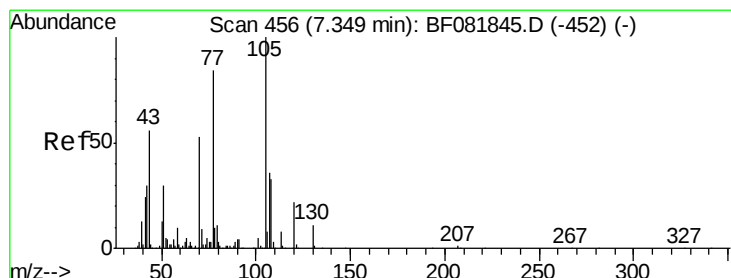
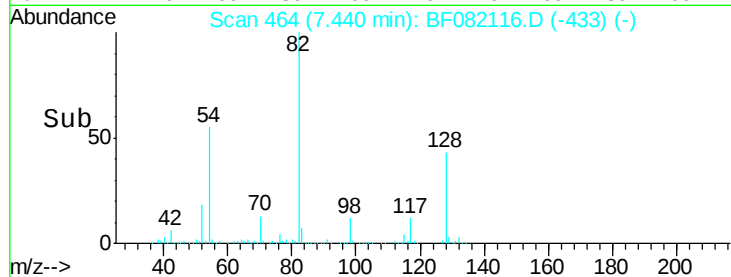
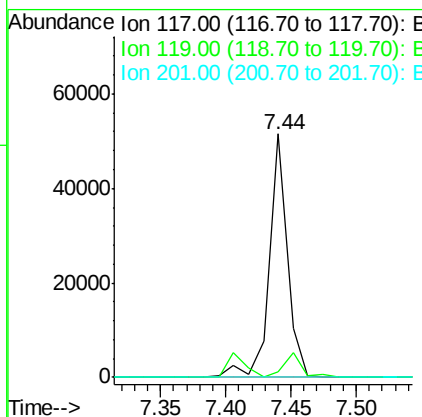
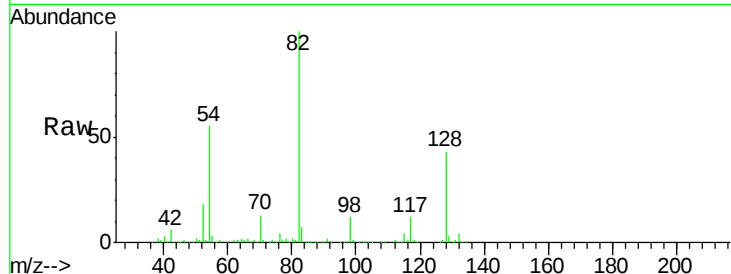




#18
Hexachloroethane
Concen: 25.49 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.06 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

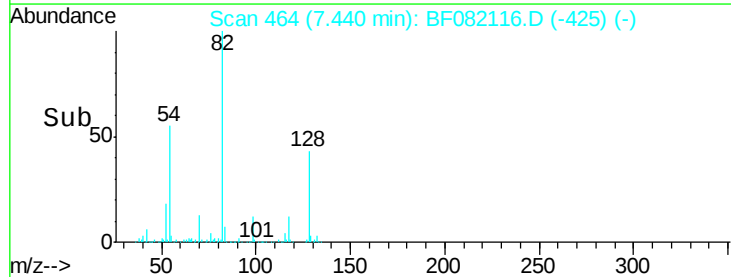
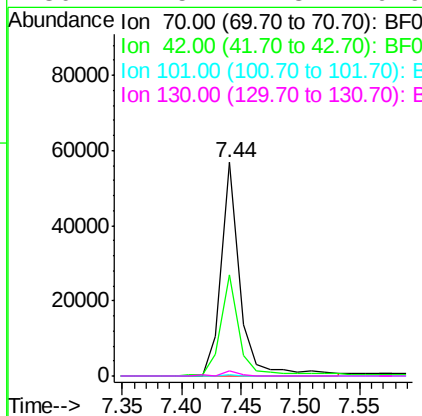
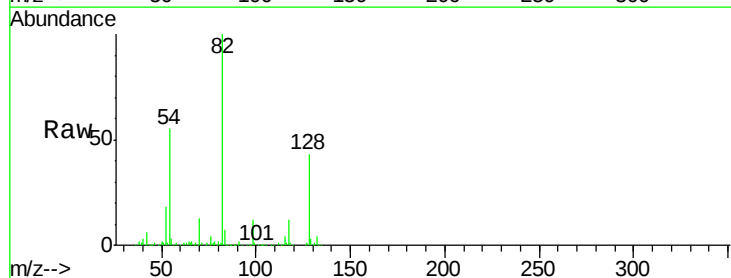
Instrument :
BNA_F
ClientSampleId :
MW-1

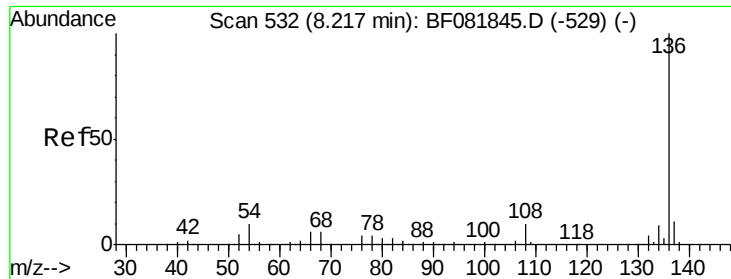
Tot Ion:117 Resp: 50384
Ion Ratio Lower Upper
117 100
119 2.4 83.8 125.6#
201 0.0 55.1 82.7#



#19
n-Nitroso-di-n-propylamine
Concen: 17.77 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Tgt Ion: 70 Resp: 63007
Ion Ratio Lower Upper
70 100
42 47.3 63.8 95.6#
101 0.6 9.2 13.8#
130 2.5 27.3 40.9#

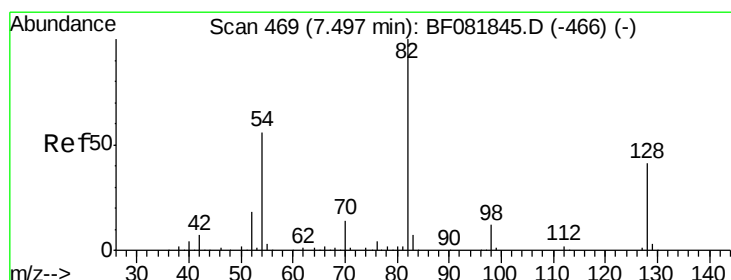
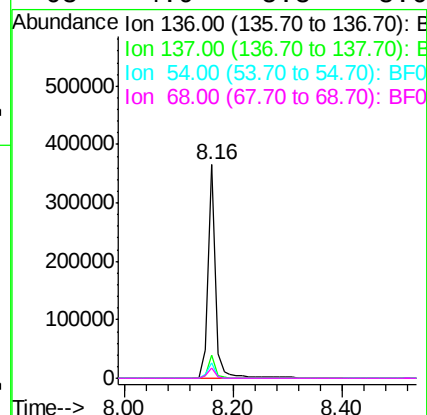
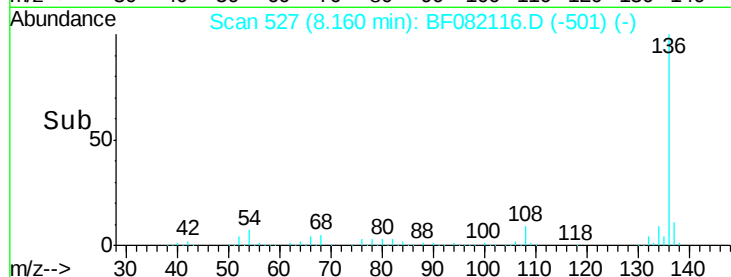
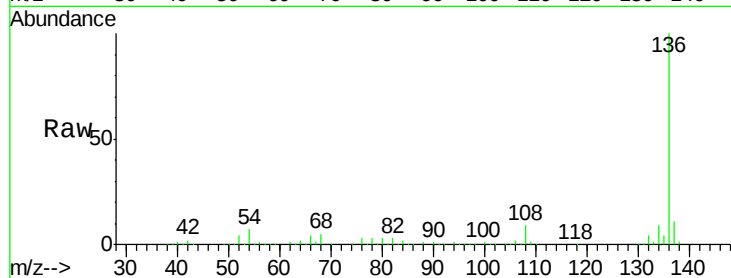




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

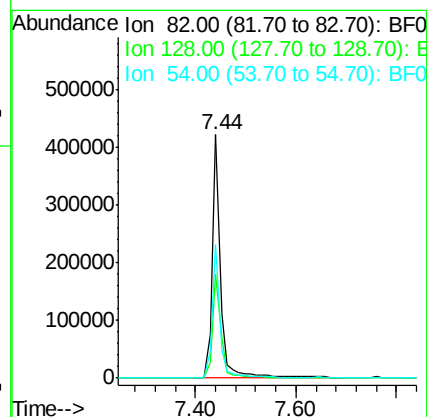
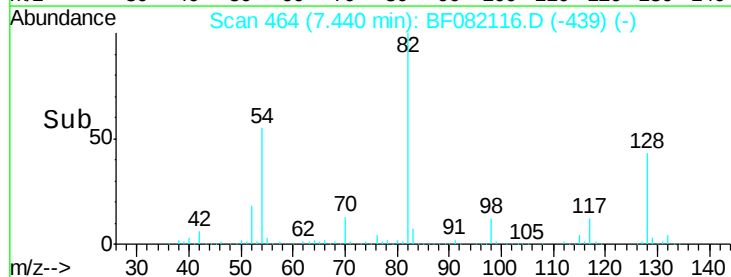
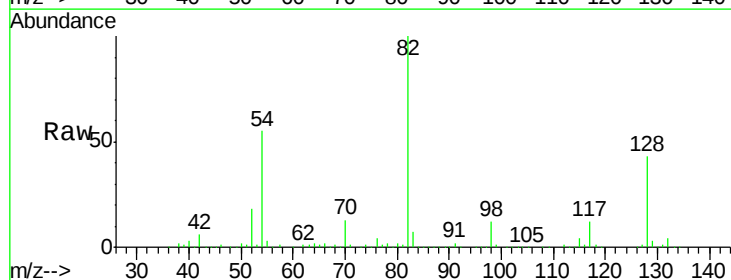
Instrument :
BNA_F
ClientSampleId :
MW-1

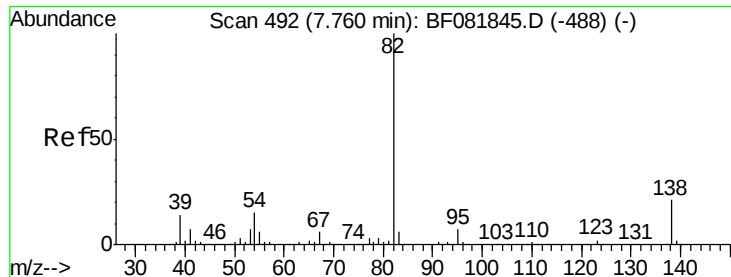
Tot Ion:	136	Resp:	347925
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	7.1	8.2	12.2#
68	4.9	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 94.42 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Tgt Ion:	82	Resp:	492803
Ion	Ratio	Lower	Upper
82	100		
128	42.5	51.0	76.6#
54	54.6	47.5	71.3





#25

Isophorone

Concen: 40.40 ng

RT: 7.44 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF082116.D

Acq: 7 Oct 2015 21:05

Instrument :

BNA_F

ClientSampleId :

MW-1

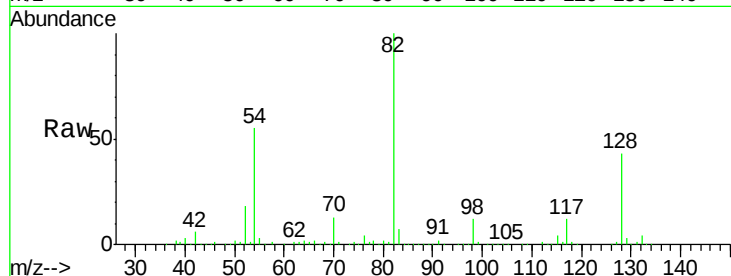
Tot Ion: 82 Resp: 417908

Ion Ratio Lower Upper

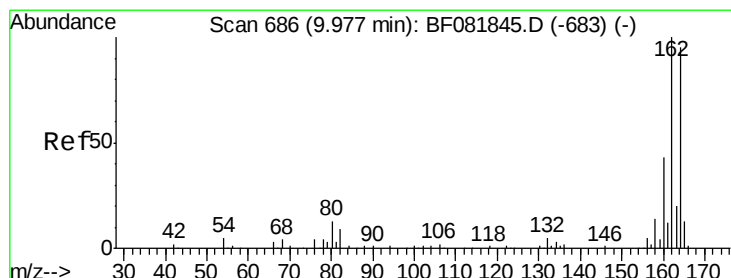
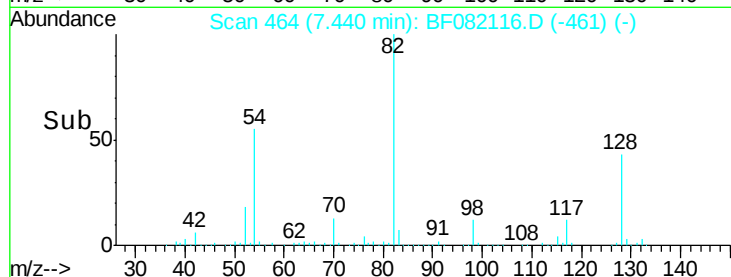
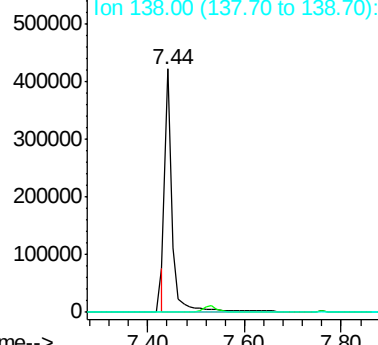
82 100

95 0.1 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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082116.D

Acq: 7 Oct 2015 21:05

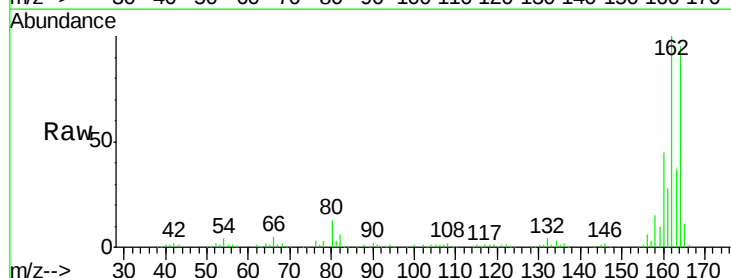
Tgt Ion:164 Resp: 164591

Ion Ratio Lower Upper

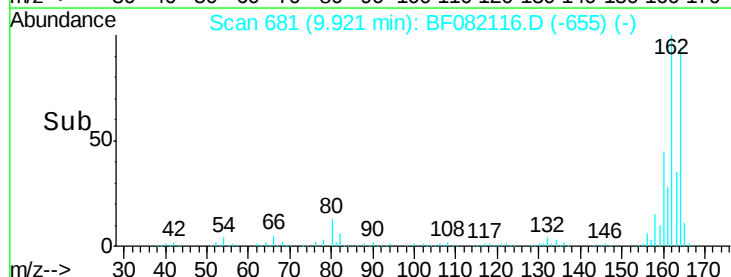
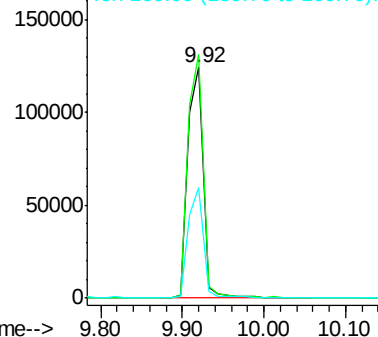
164 100

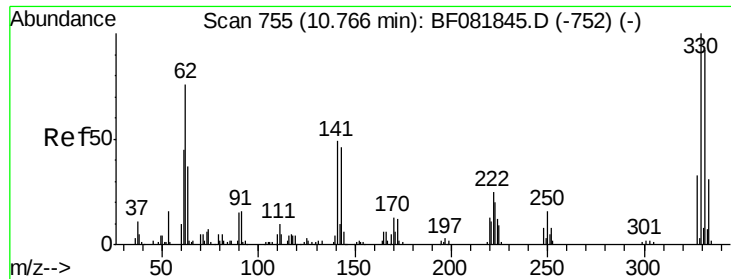
162 105.8 75.2 112.8

160 48.1 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

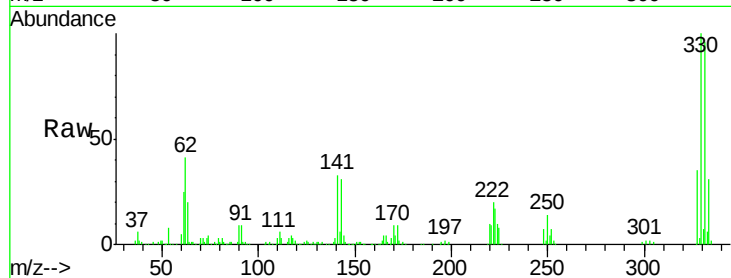




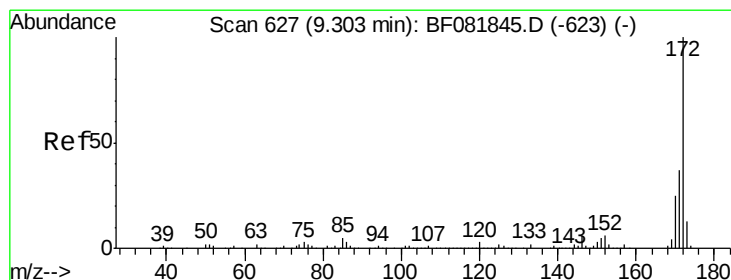
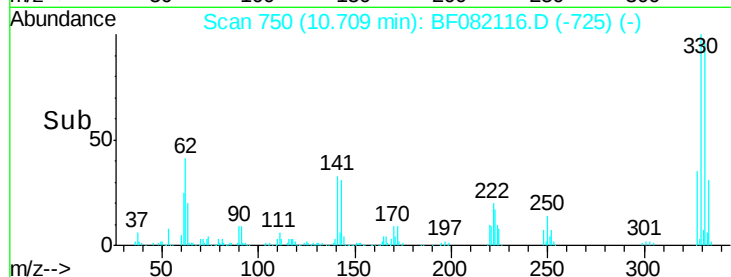
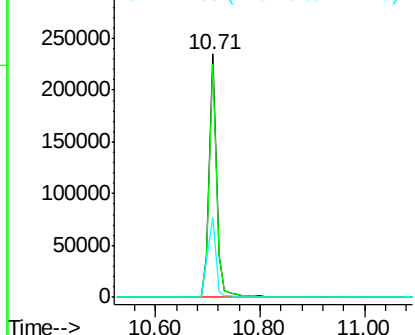
#41
 2,4,6-Tribromophenol
 Concen: 139.56 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082116.D
 Acq: 7 Oct 2015 21:05

Instrument :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	36.9	29.7	44.5

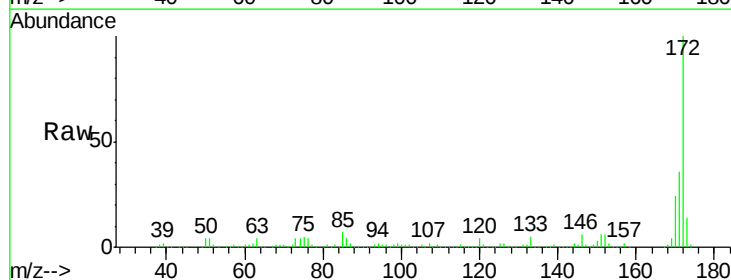


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

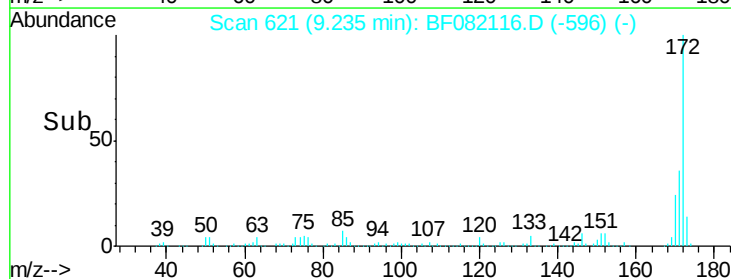
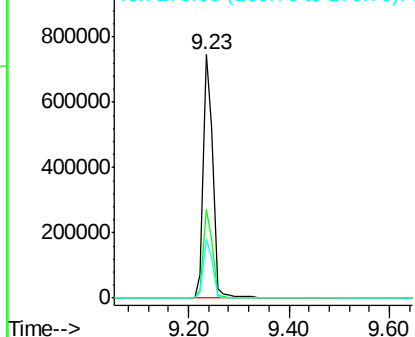


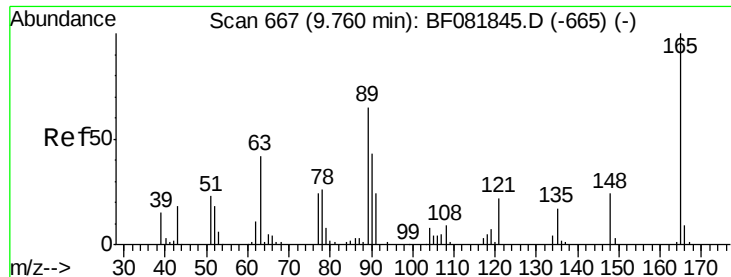
#44
 2-Fluorobiphenyl
 Concen: 105.10 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082116.D
 Acq: 7 Oct 2015 21:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	26.1	39.1
170	24.5	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

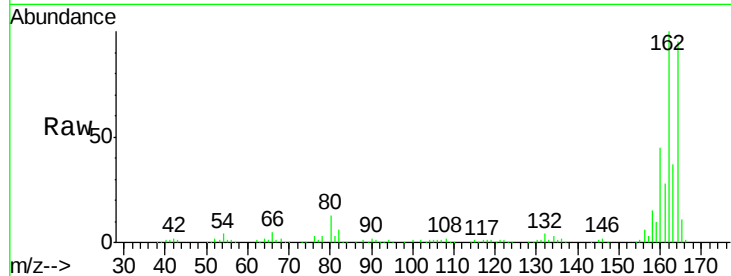




#50
2,6-Dinitrotoluene
Concen: 8.39 ng
RT: 9.92 min Scan# 681
Delta R.T. 0.21 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Instrument :
BNA_F
ClientSampleId :
MW-1

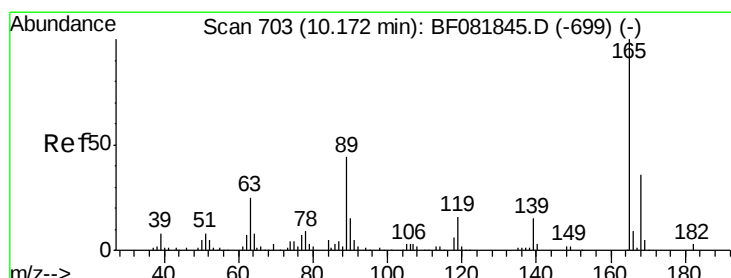
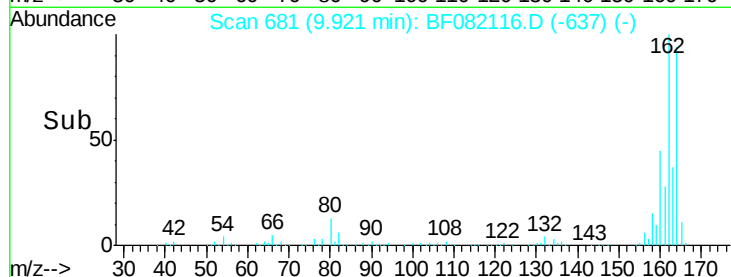
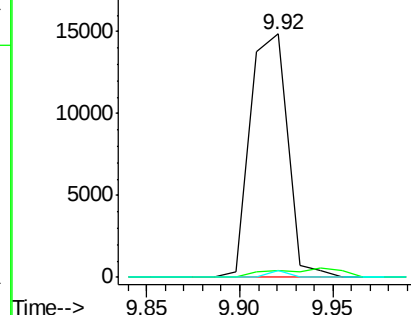
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.9	32.3	48.5#
89	2.7	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

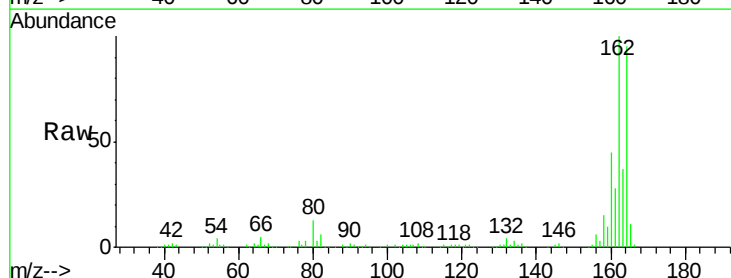
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.92 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	29.8	44.6#
89	2.7	44.5	66.7#
182	0.0	3.0	4.4#

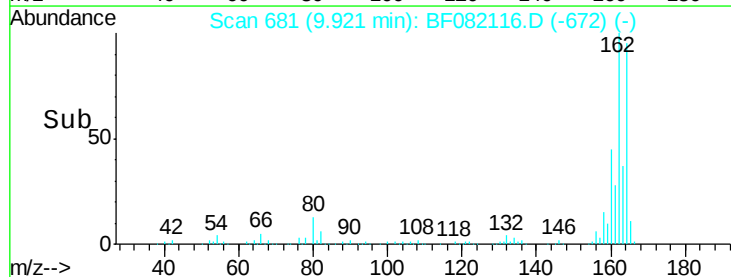
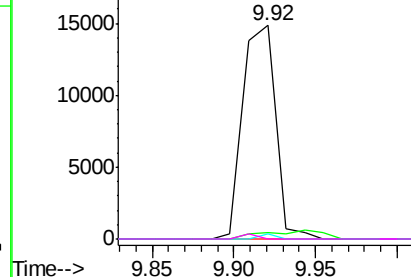


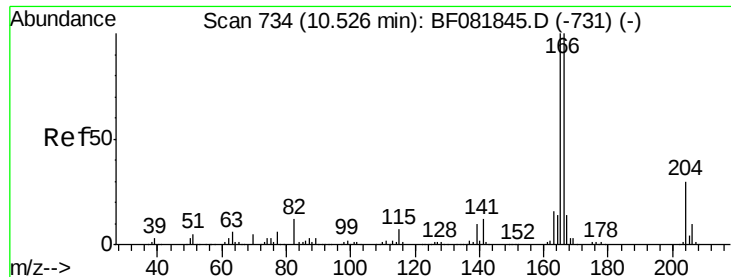
Abundance Ion 165.00 (164.70 to 165.70): E

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

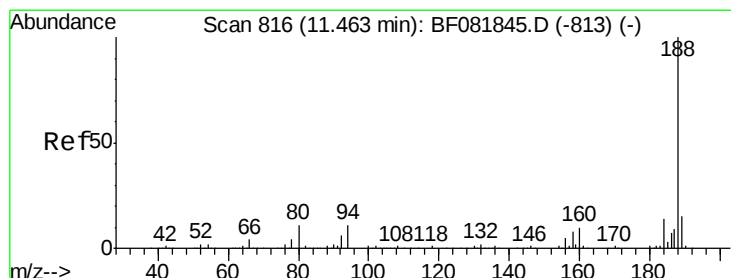
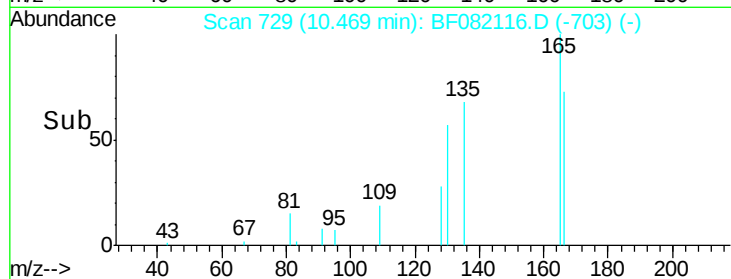
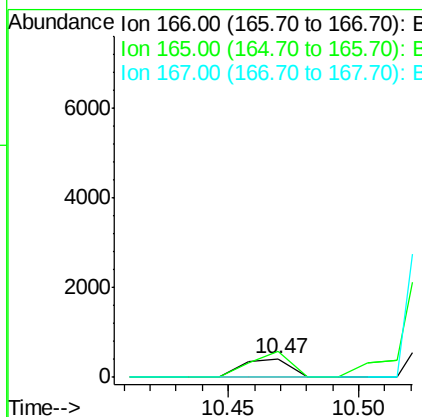
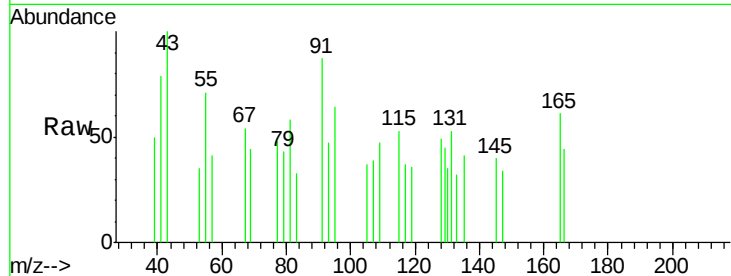




#57
 Fluorene
 Concen: Below Cal
 RT: 10.47 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF082116.D
 Acq: 7 Oct 2015 21:05

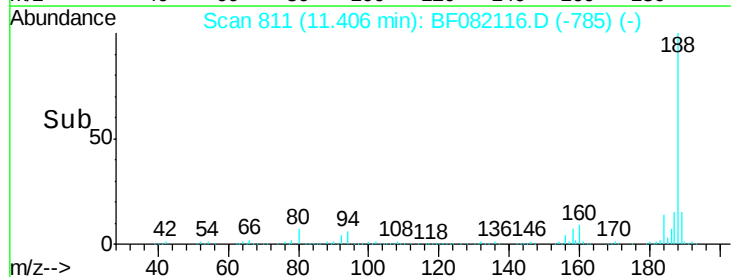
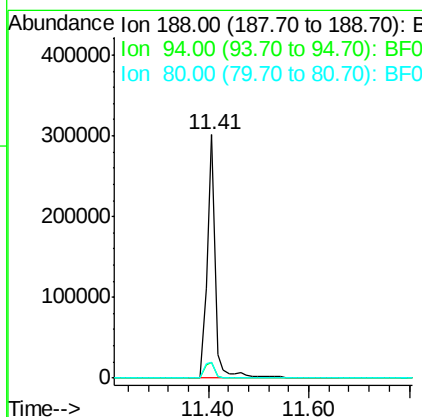
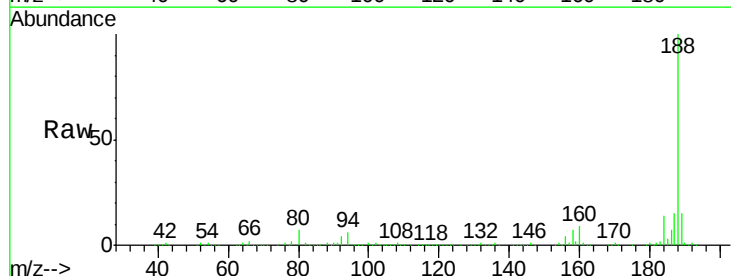
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

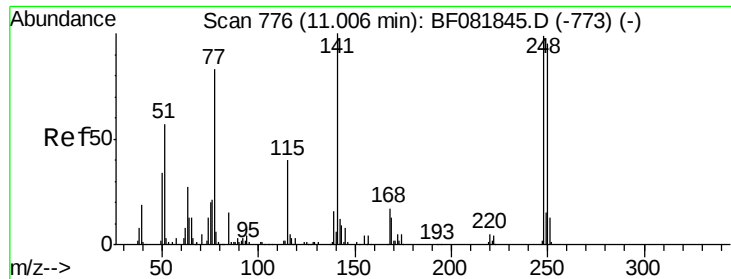
Tot Ion:166 Resp: 525
 Ion Ratio Lower Upper
 166 100
 165 136.8 72.6 109.0#
 167 0.0 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF082116.D
 Acq: 7 Oct 2015 21:05

Tgt Ion:188 Resp: 338059
 Ion Ratio Lower Upper
 188 100
 94 6.4 11.1 16.7#
 80 6.7 11.0 16.4#

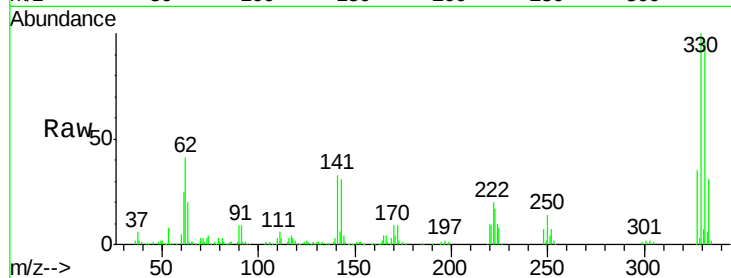




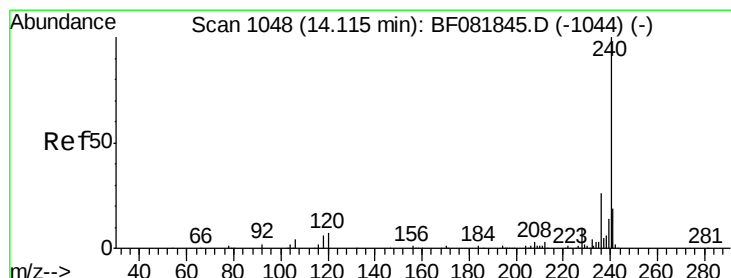
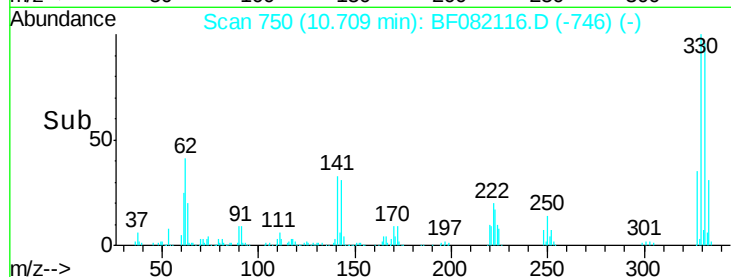
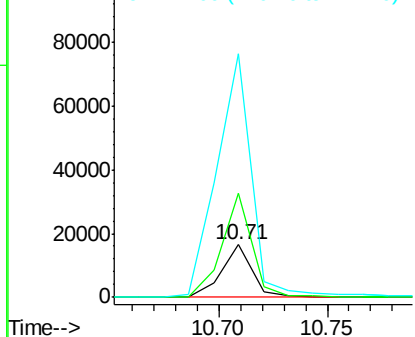
#66
 4-Bromophenyl-phenylether
 Concen: 4.64 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF082116.D
 Acq: 7 Oct 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:248 Resp: 15824
 Ion Ratio Lower Upper
 248 100
 250 199.2 78.5 117.7#
 141 463.9 59.0 88.6#

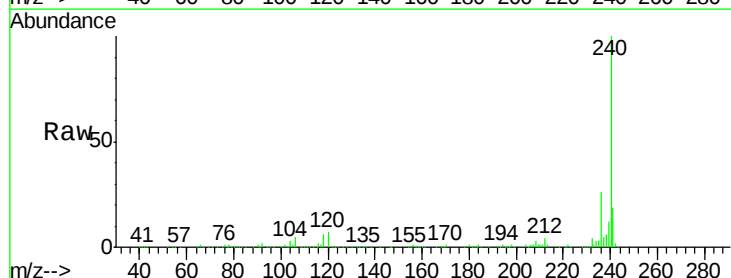


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

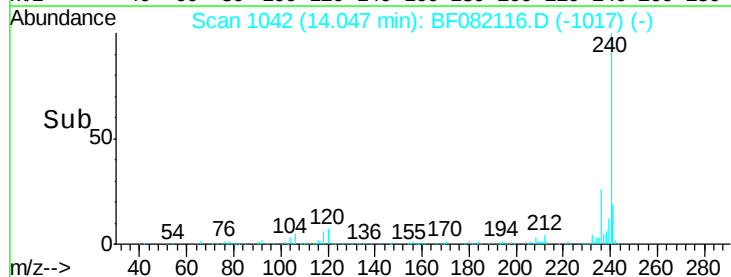
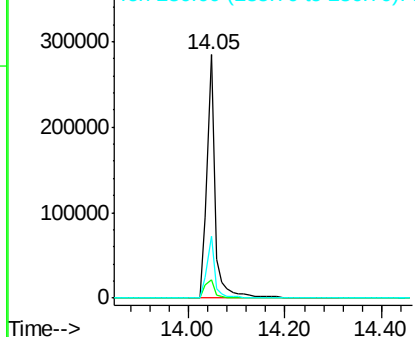


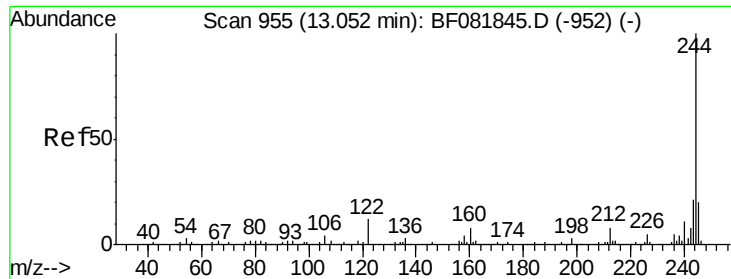
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF082116.D
 Acq: 7 Oct 2015 21:05

Tgt Ion:240 Resp: 338317
 Ion Ratio Lower Upper
 240 100
 120 7.3 16.2 24.2#
 236 25.6 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

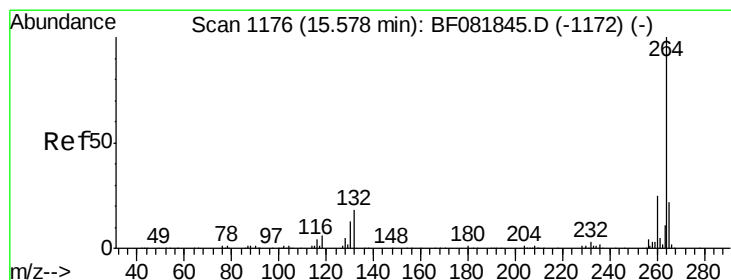
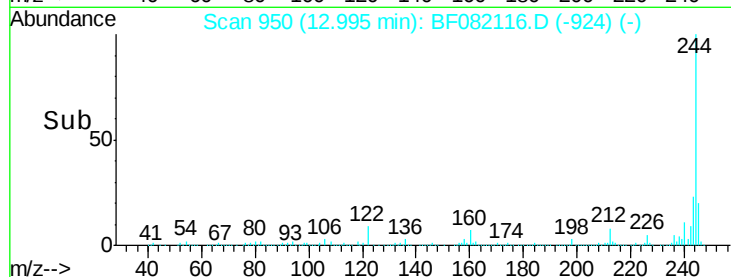
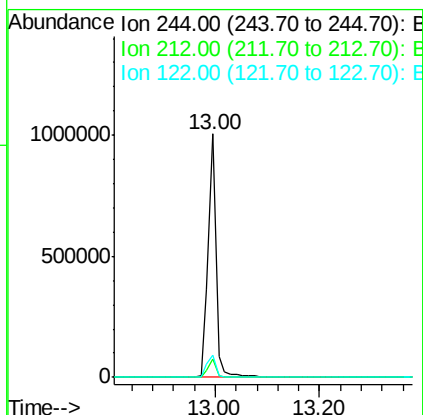
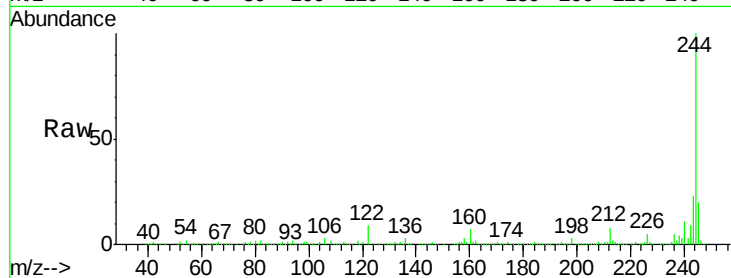




#78
 Terphenyl-d14
 Concen: 110.80 ng
 RT: 13.00 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF082116.D
 Acq: 7 Oct 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:244 Resp: 1065375
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 9.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF082116.D
 Acq: 7 Oct 2015 21:05

Tgt Ion:264 Resp: 267025
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 21.9 17.2 25.8

