

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
 Data File : BF082149.D
 Acq On : 9 Oct 2015 17:08
 Operator : UM/IZ
 Sample : G3920-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 22:51:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 22:47:26 2015
 Response via : Initial Calibration

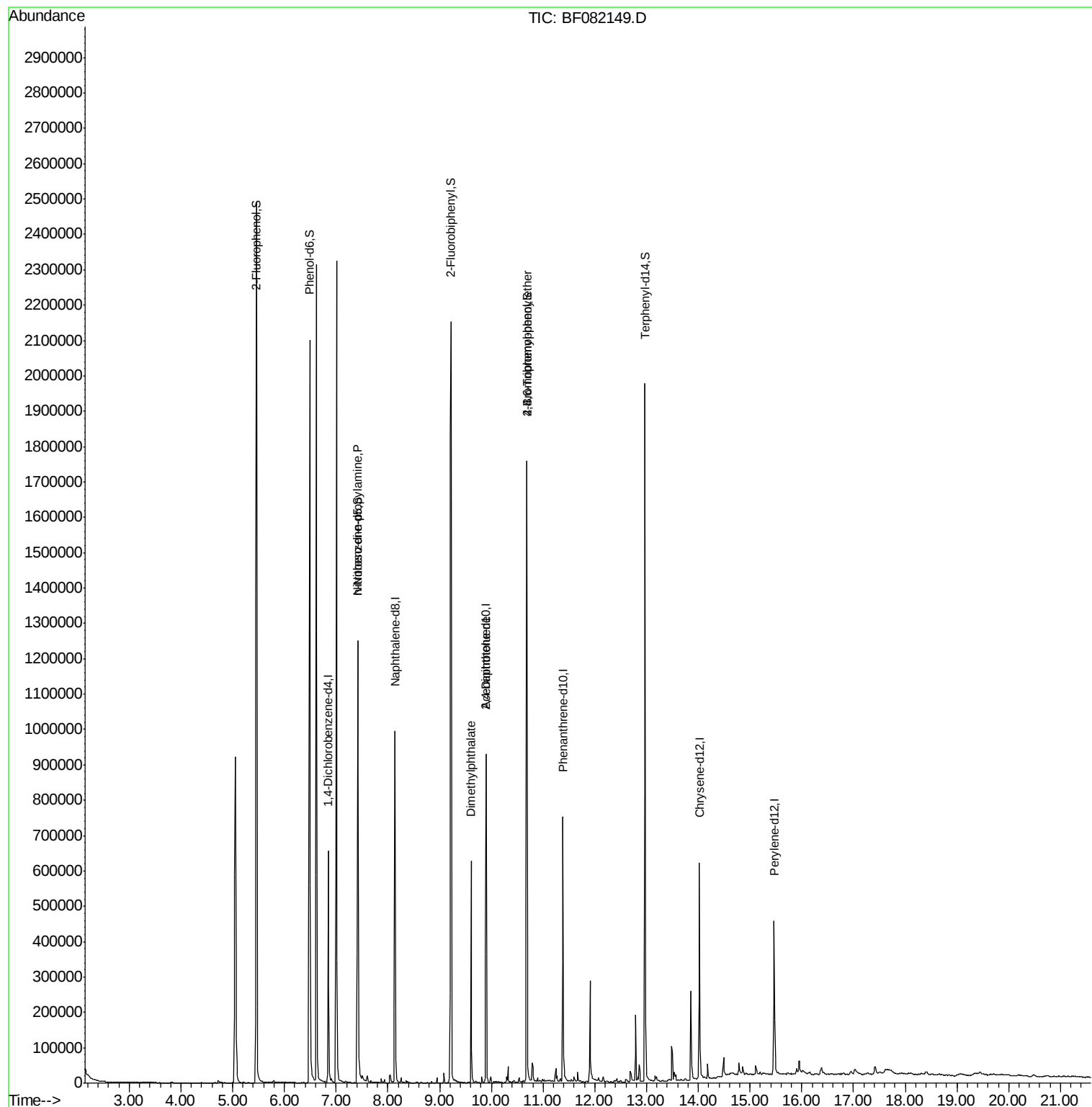
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	120788	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	476960	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	209665	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	356421	20.00	ng	0.00
75) Chrysene-d12	14.02	240	270622	20.00	ng	-0.01
86) Perylene-d12	15.46	264	225022	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	837968	125.94	ng	0.02
7) Phenol-d6	6.49	99	1007538	120.34	ng	0.00
23) Nitrobenzene-d5	7.42	82	658590	92.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	228517	107.62	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1078997	86.39	ng	0.00
78) Terphenyl-d14	12.97	244	741639	89.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	85947	16.89	ng	# 59
49) Dimethylphthalate	9.61	163	255934	17.68	ng	# 98
56) 2,4-Dinitrotoluene	9.90	165	26623	6.65	ng	# 34
57) Fluorene	10.45	166	1260	Below Cal	#	80
66) 4-Bromophenyl-phenylether	10.69	248	15491	4.31	ng	# 1
70) Phenanthrene	11.41	178	6419	Below Cal		98
73) Di-n-butylphthalate	11.94	149	4062	Below Cal	#	95

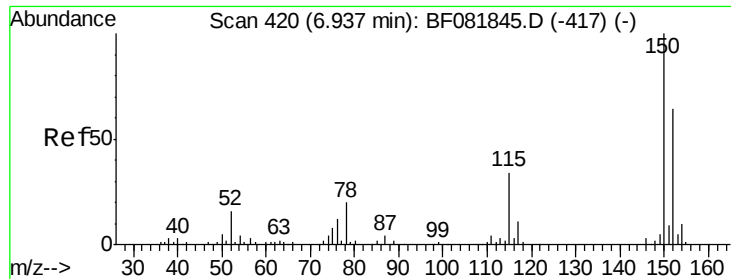
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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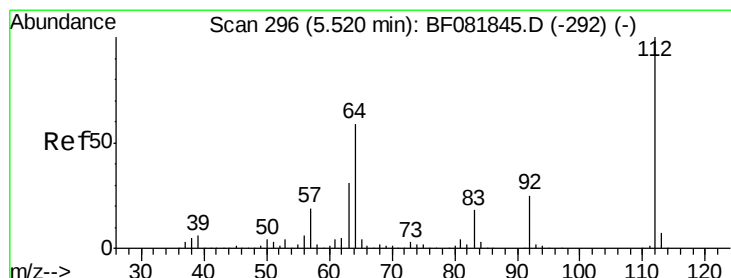
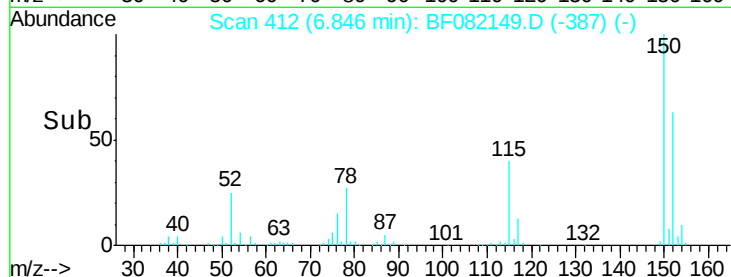
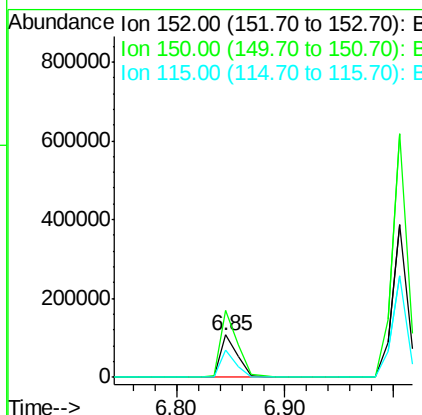
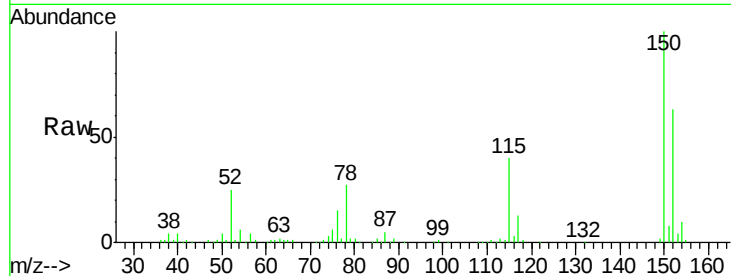




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: BF082149.D
 Acq: 9 Oct 2015 17:08

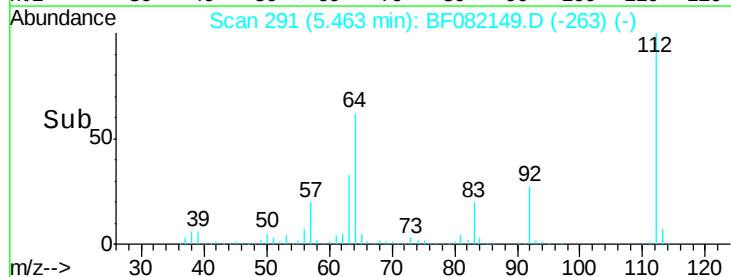
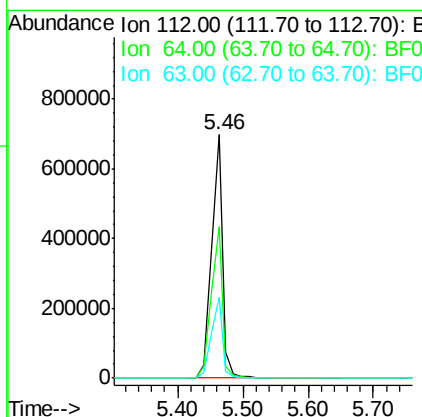
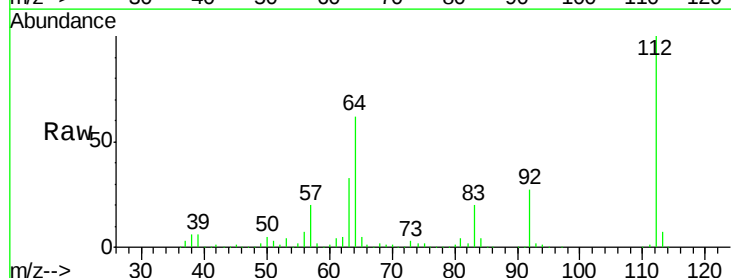
Instrument :
 BNA_F
 ClientSampleId :

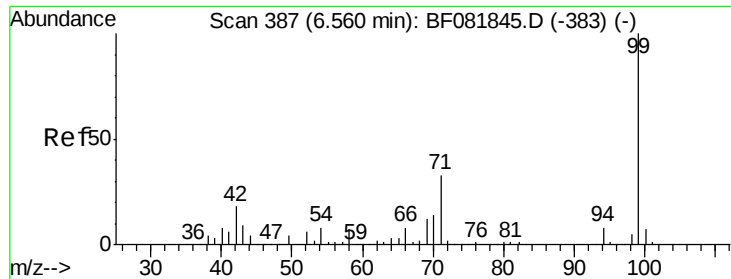
Tot Ion:152 Resp: 120788
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.7 187.1
 115 63.3 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 125.94 ng
 RT: 5.46 min Scan# 291
 Delta R.T. 0.02 min
 Lab File: BF082149.D
 Acq: 9 Oct 2015 17:08

Tgt Ion:112 Resp: 837968
 Ion Ratio Lower Upper
 112 100
 64 62.0 39.7 59.5#
 63 33.2 17.4 26.0#





#7

Phenol-d6

Concen: 120.34 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082149.D

Acq: 9 Oct 2015 17:08

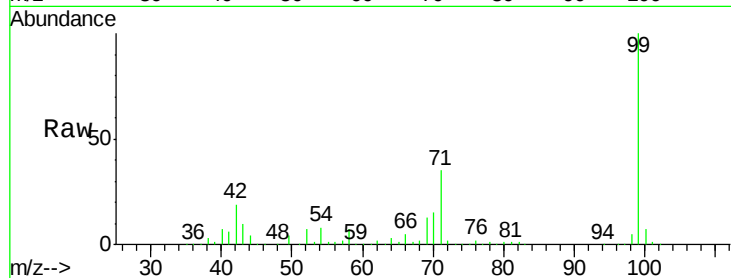
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1007538

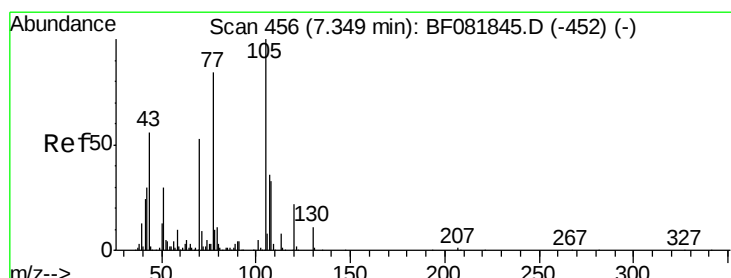
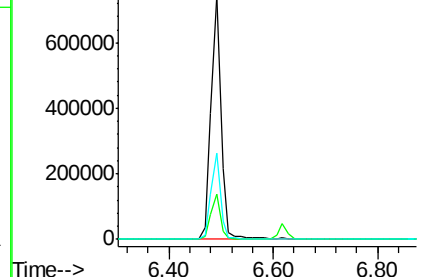
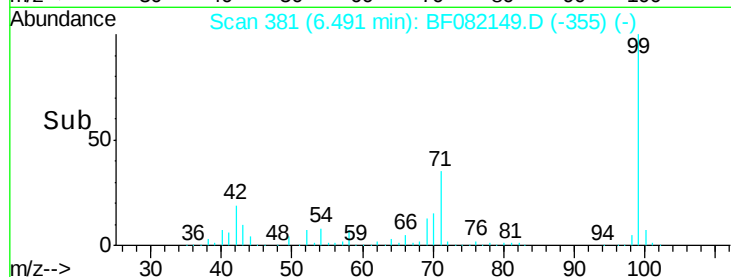
Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.7	20.5
71	35.5	14.2	21.2



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: 16.89 ng

RT: 7.42 min Scan# 462

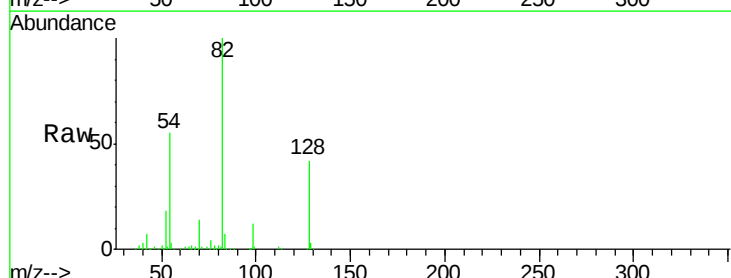
Delta R.T. 0.14 min

Lab File: BF082149.D

Acq: 9 Oct 2015 17:08

Tgt Ion: 70 Resp: 85947

Ion	Ratio	Lower	Upper
70	100		
42	47.9	63.8	95.6
101	0.0	9.2	13.8
130	2.1	27.3	40.9

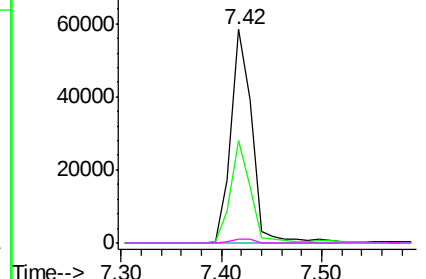
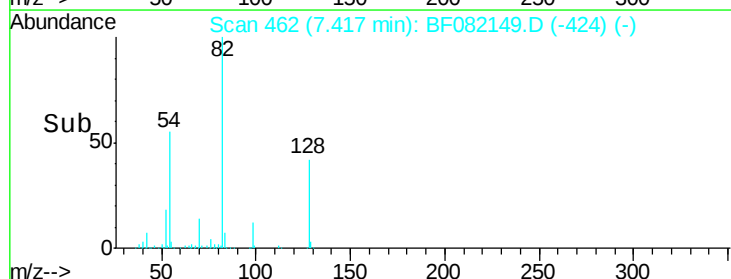


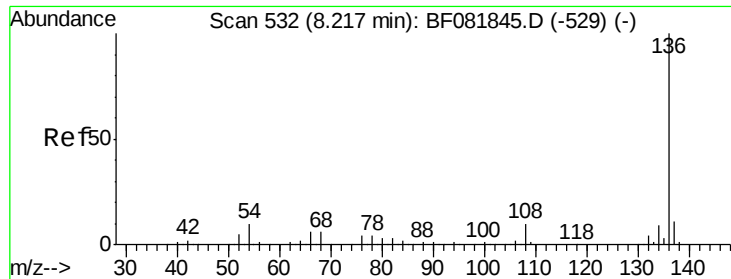
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

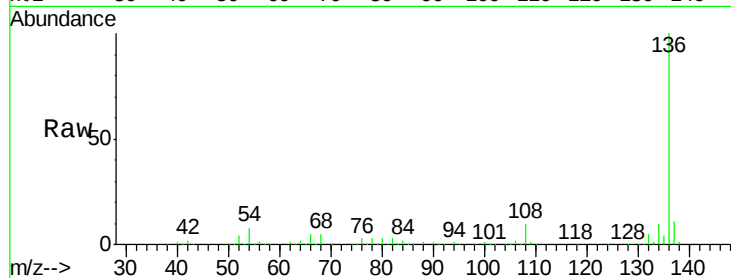




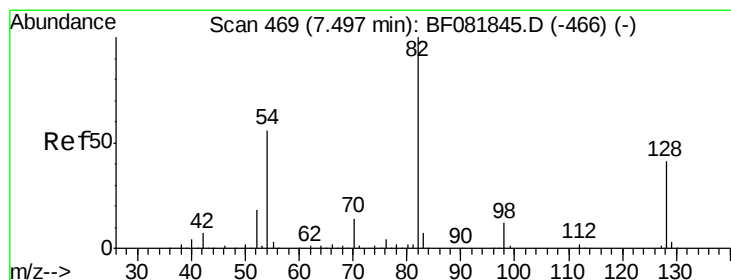
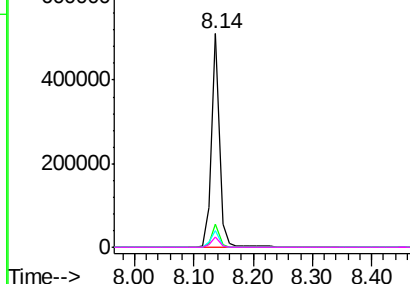
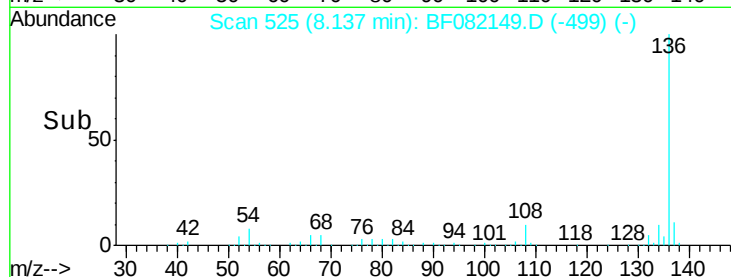
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	476960
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.6	8.2	12.2#
68	5.0	5.8	8.6#

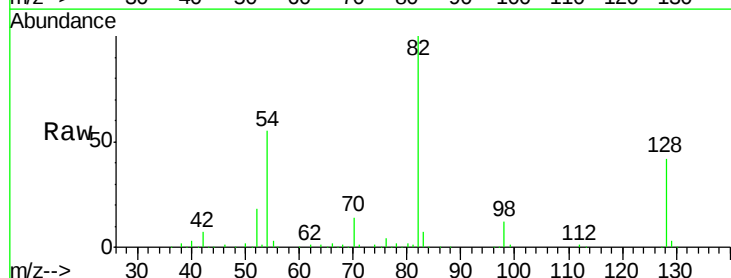


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

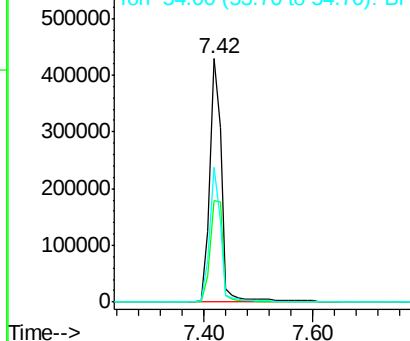
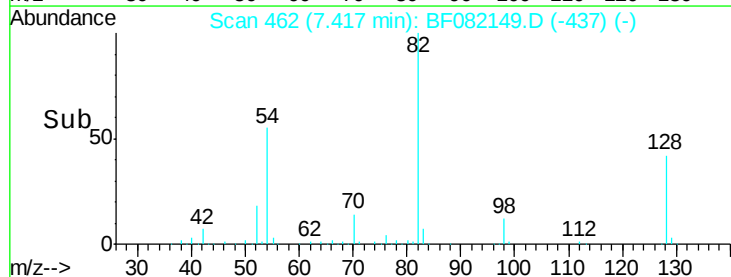


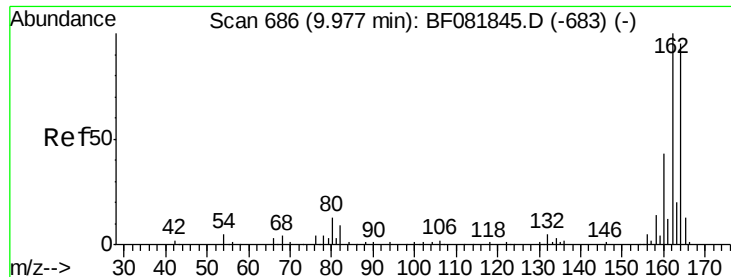
#23
Nitrobenzene-d5
Concen: 92.04 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

Tgt Ion:	82	Resp:	658590
Ion	Ratio	Lower	Upper
82	100		
128	41.7	51.0	76.6#
54	55.5	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

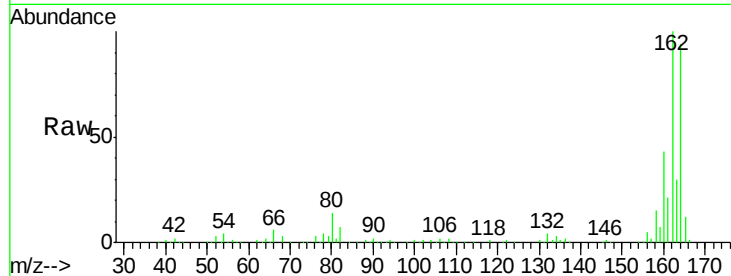




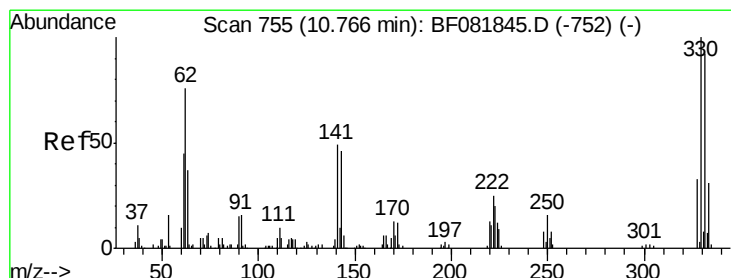
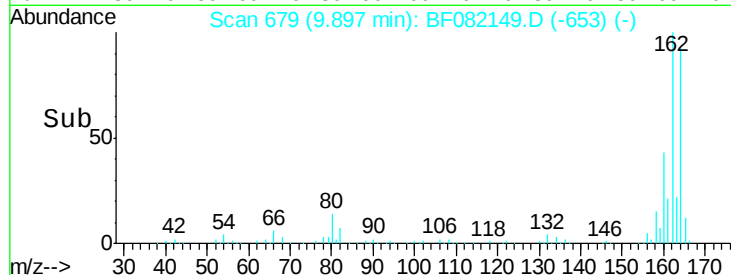
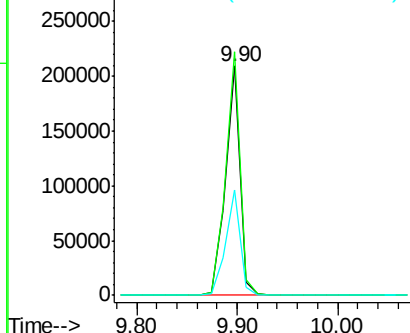
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 209665
Ion Ratio Lower Upper
164 100
162 106.1 75.2 112.8
160 46.0 31.5 47.3

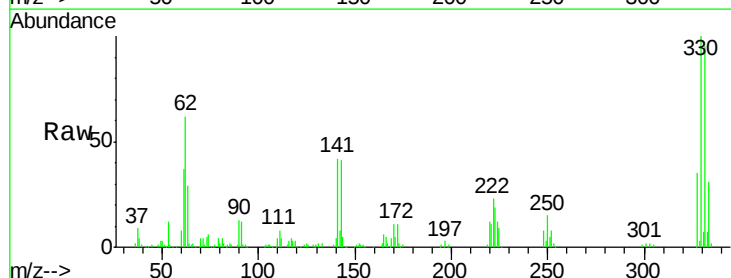


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

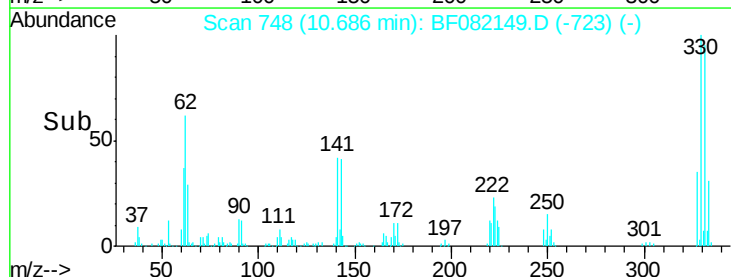
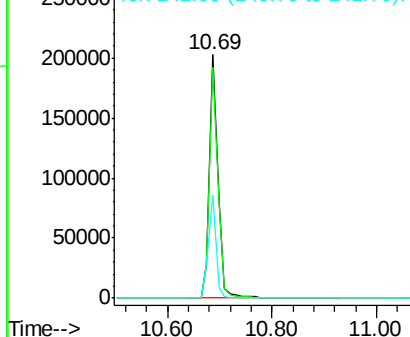


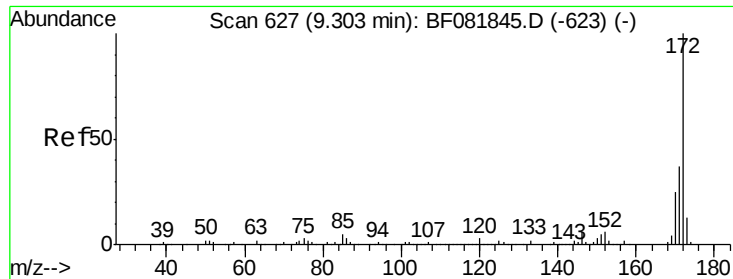
#41
2,4,6-Tribromophenol
Concen: 107.62 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

Tgt Ion:330 Resp: 228517
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 38.4 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

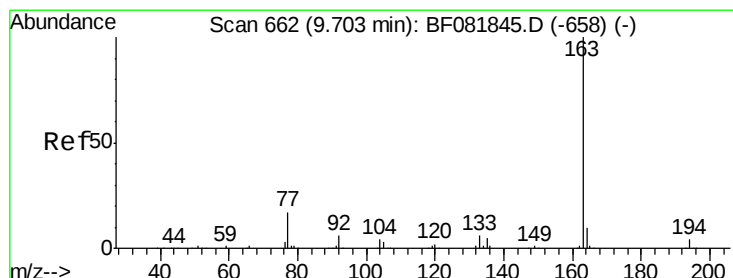
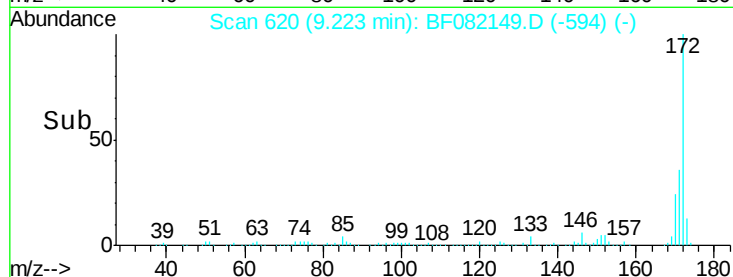
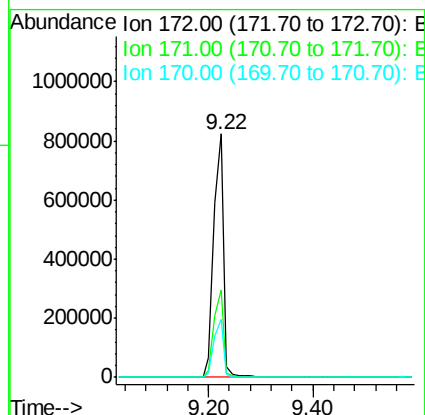
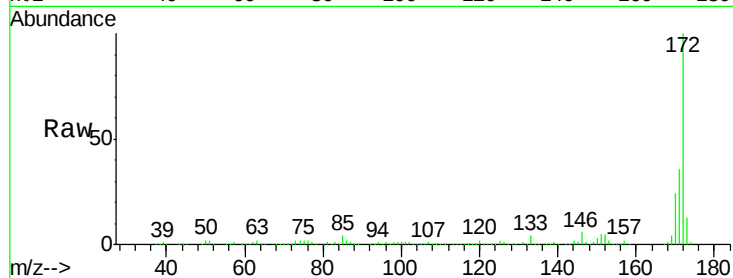




#44
2-Fluorobiphenyl
Concen: 86.39 ng
RT: 9.22 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

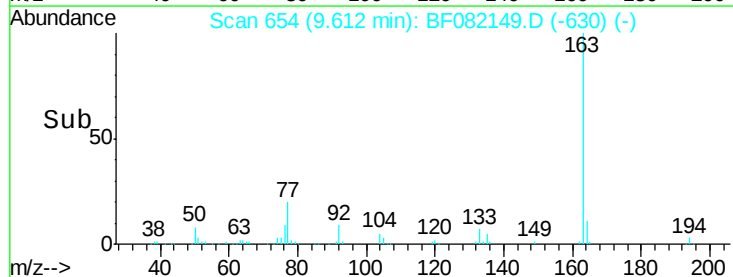
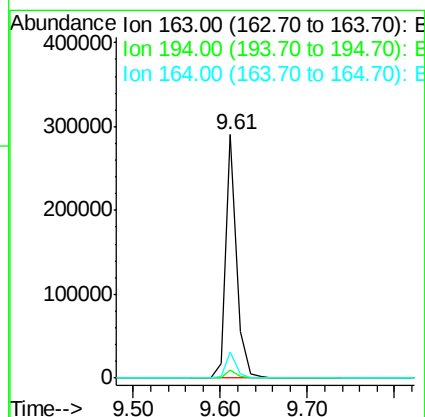
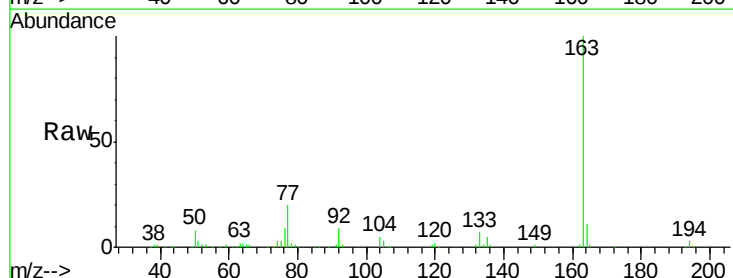
Instrument :
BNA_F
ClientSampled :

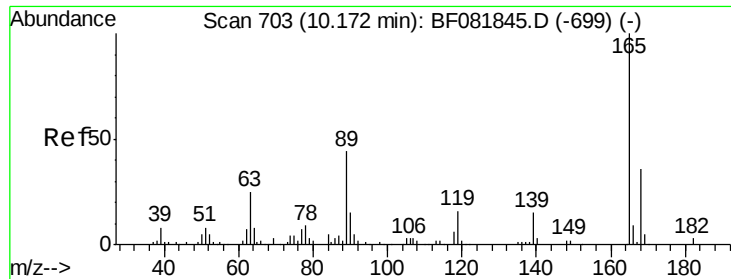
Tot Ion:172 Resp: 1078997
Ion Ratio Lower Upper
172 100
171 35.8 26.1 39.1
170 24.1 17.4 26.2



#49
Dimethylphthalate
Concen: 17.68 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

Tgt Ion:163 Resp: 255934
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 10.5 8.3 12.5

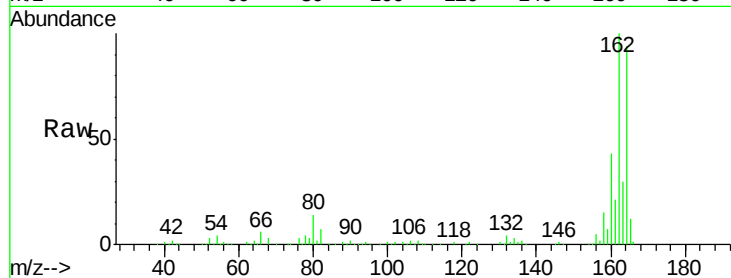




#56
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.21 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.8	44.6#
89	1.8	44.5	66.7#
182	0.0	3.0	4.4#

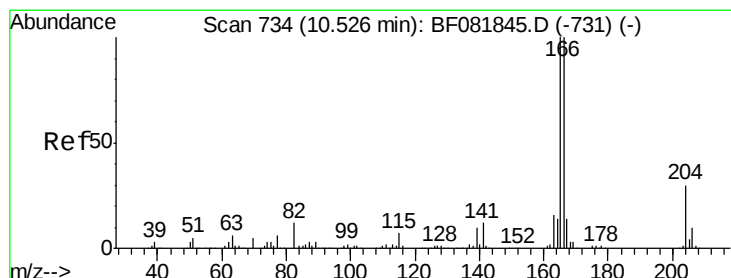
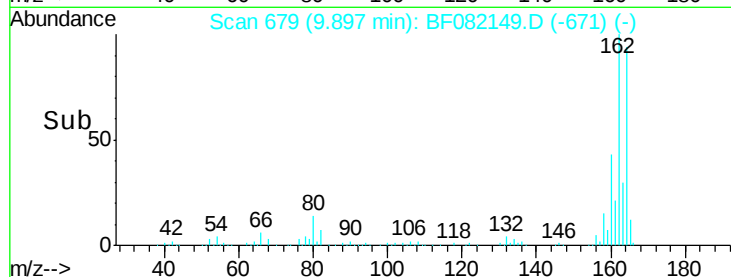
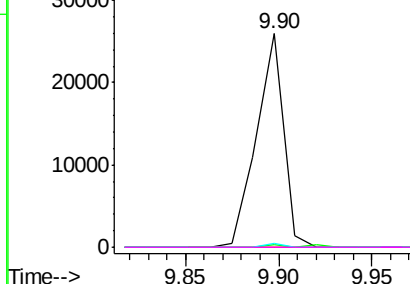


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

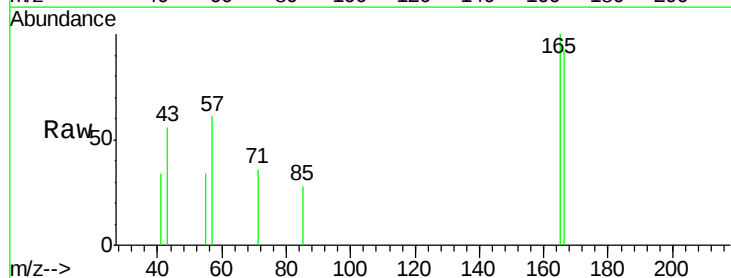
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.45 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

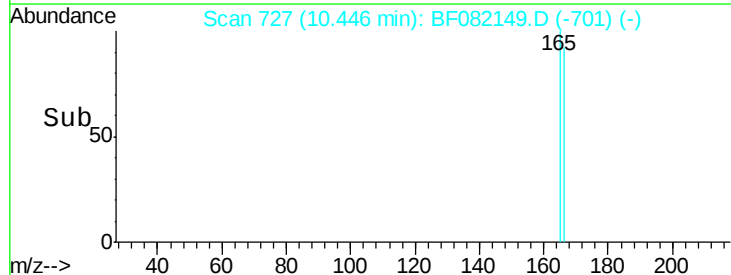
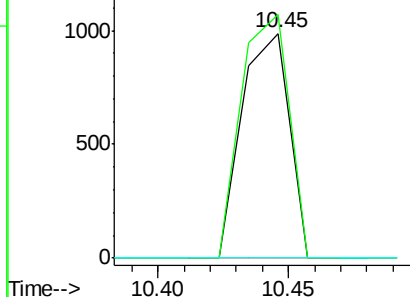
Tgt Ion	Ratio	Lower	Upper
166	100		
165	108.2	72.6	109.0
167	0.0	10.6	16.0#

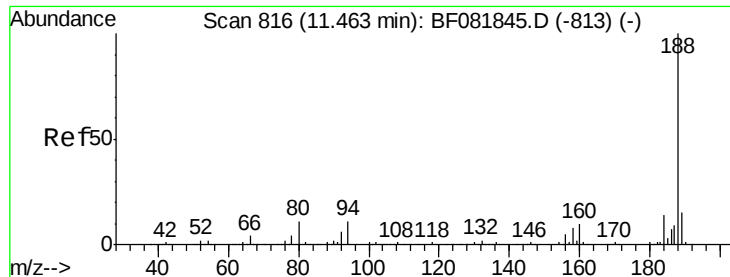


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

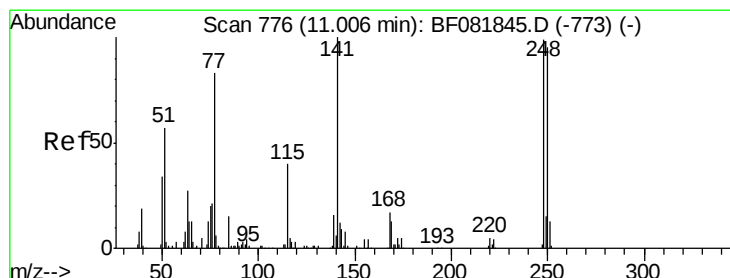
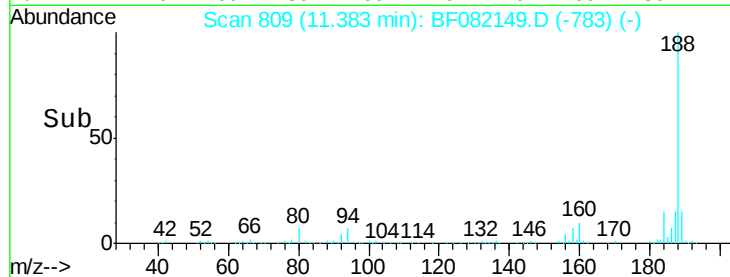
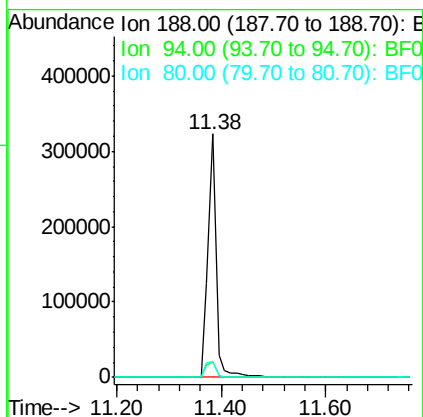
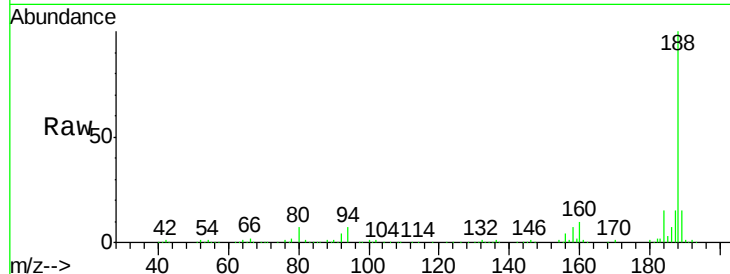




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

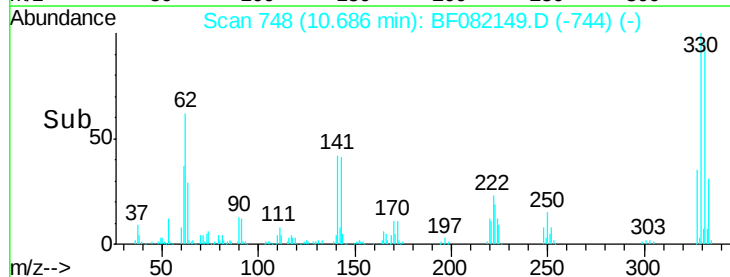
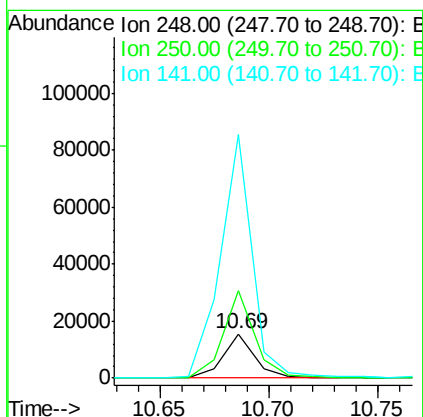
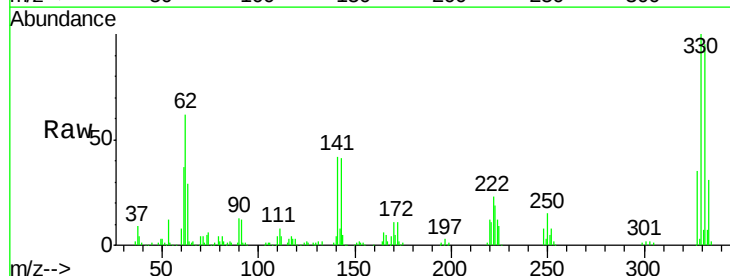
Instrument :
BNA_F
ClientSampleId :

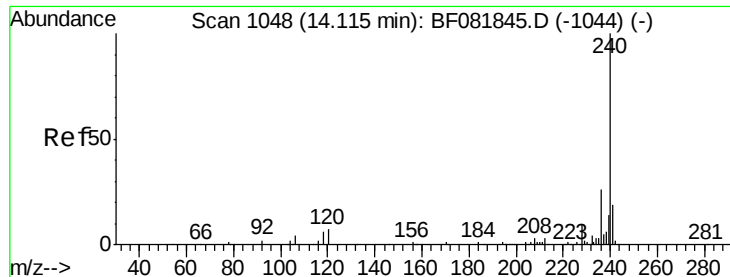
Tot Ion:188 Resp: 356421
Ion Ratio Lower Upper
188 100
94 6.6 11.1 16.7#
80 6.6 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

Tgt Ion:248 Resp: 15491
Ion Ratio Lower Upper
248 100
250 196.8 78.5 117.7#
141 547.7 59.0 88.6#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF082149.D

Acq: 9 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

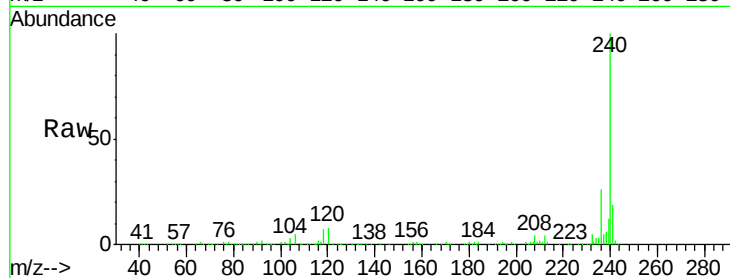
Tot Ion:240 Resp: 270622

Ion Ratio Lower Upper

240 100

120 7.8 16.2 24.2#

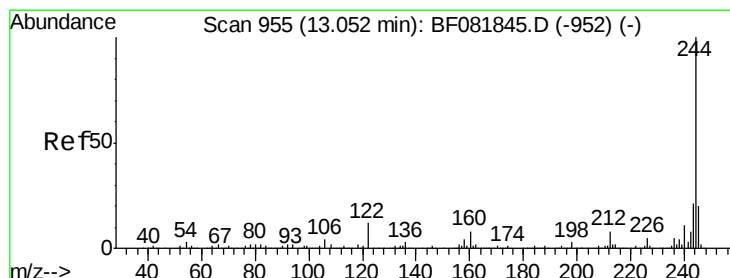
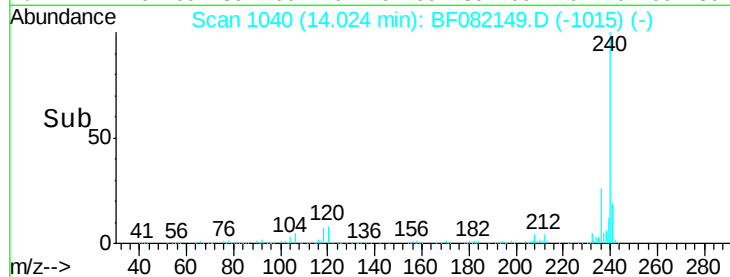
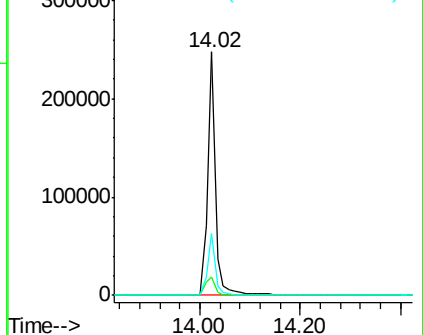
236 25.6 18.4 27.6



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: 89.96 ng

RT: 12.97 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF082149.D

Acq: 9 Oct 2015 17:08

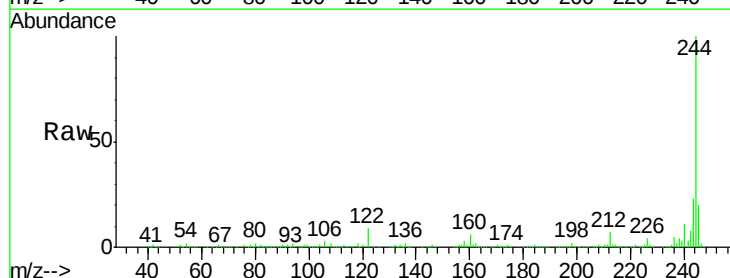
Tgt Ion:244 Resp: 741639

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

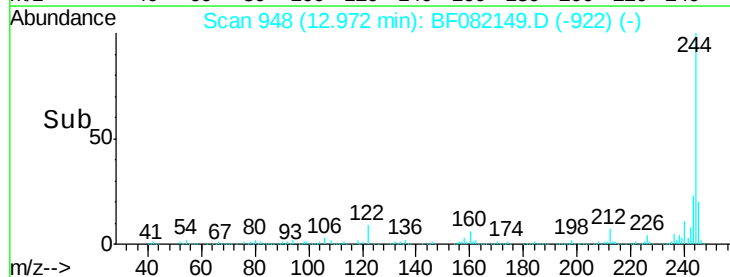
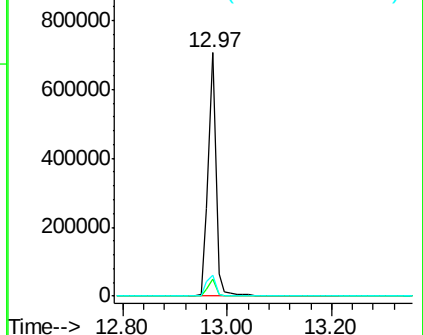
122 8.7 17.4 26.2#

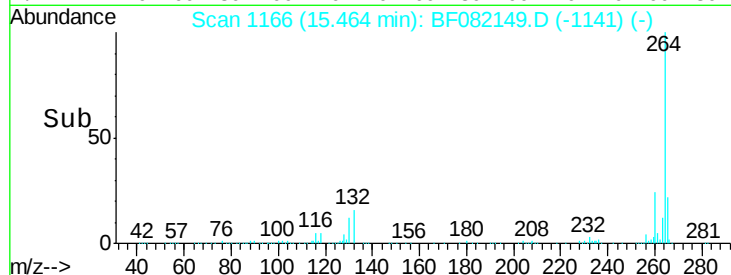
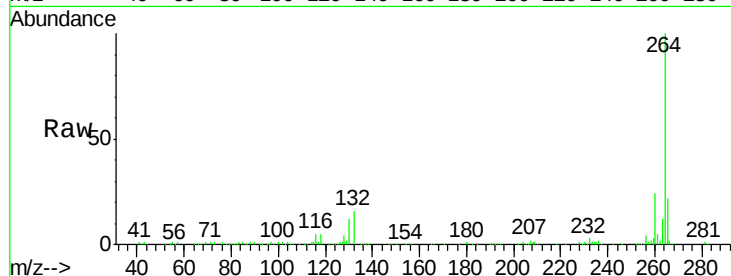
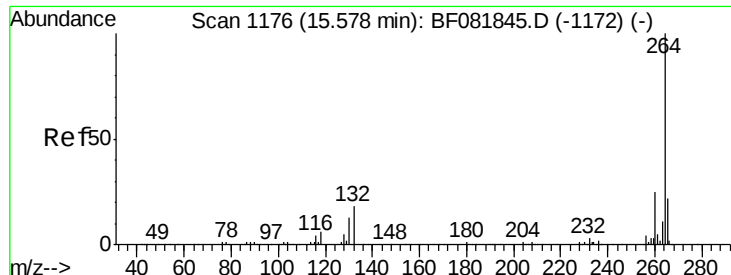


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	225022
Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.7	17.2	25.8

