

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 17:56:59 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

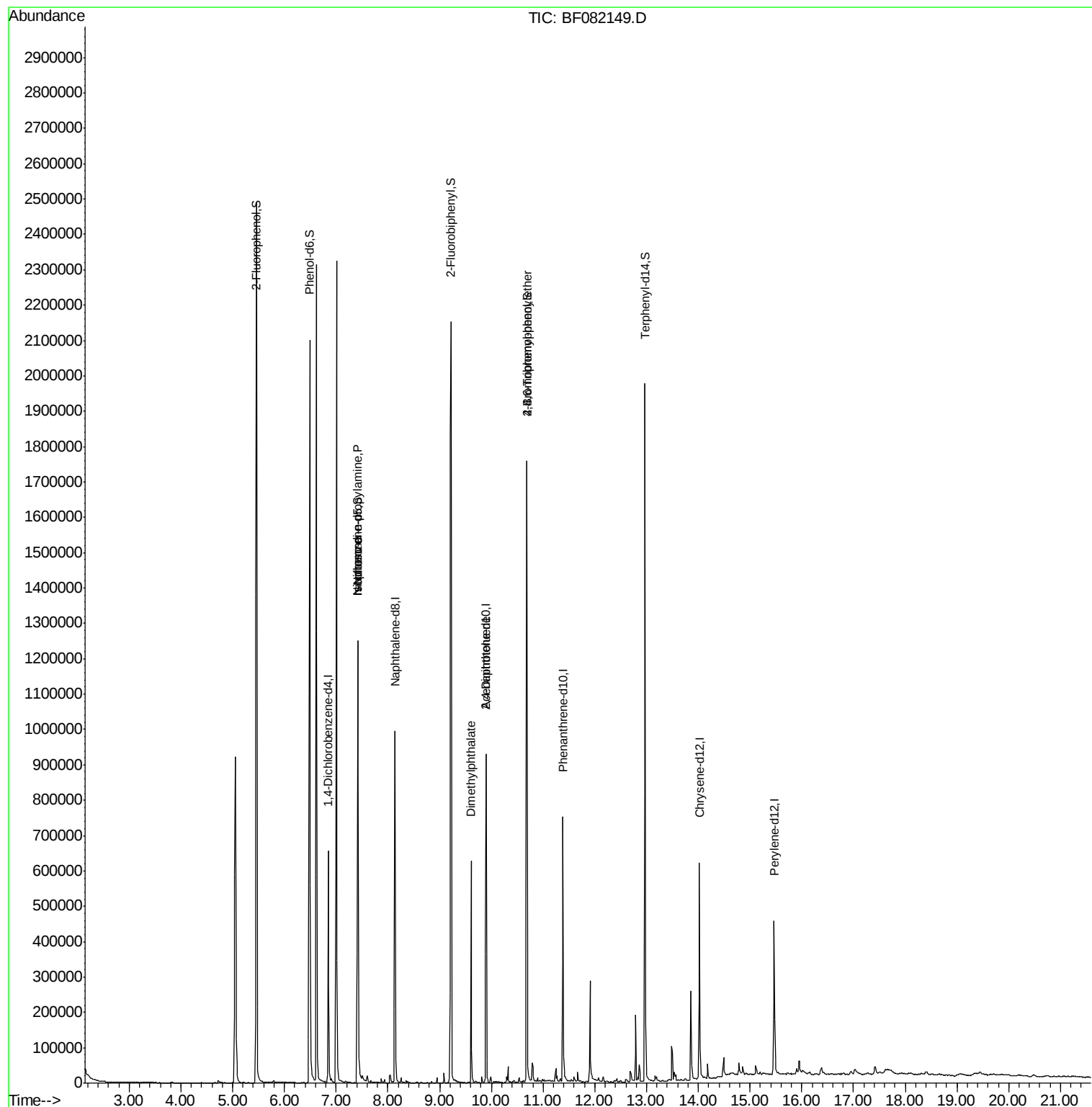
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	120788	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	476960	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	209665	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	356421	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	270622	20.00	ng	-0.03
86) Perylene-d12	15.46	264	225022	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	837968	125.94	ng	0.00
7) Phenol-d6	6.49	99	1005545	120.10	ng	-0.01
23) Nitrobenzene-d5	7.42	82	658590	92.04	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	228517	107.62	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	1078997	86.39	ng	-0.02
78) Terphenyl-d14	12.97	244	741639	89.96	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	85639	16.83	ng	# 59
25) Isophorone	7.42	82	549000	38.71	ng	# 58
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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QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF082149.D

Acq: 9 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

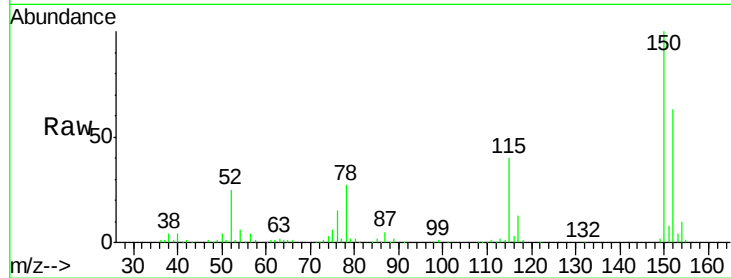
Tot Ion:152 Resp: 120788

Ion Ratio Lower Upper

152 100

150 159.0 124.7 187.1

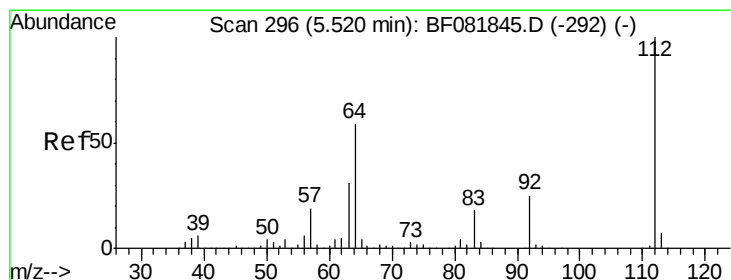
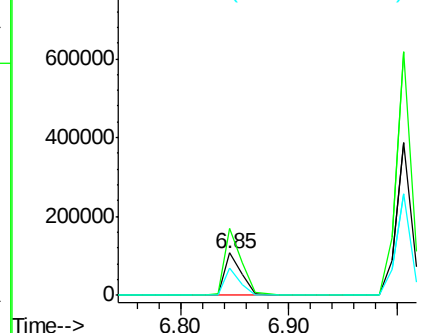
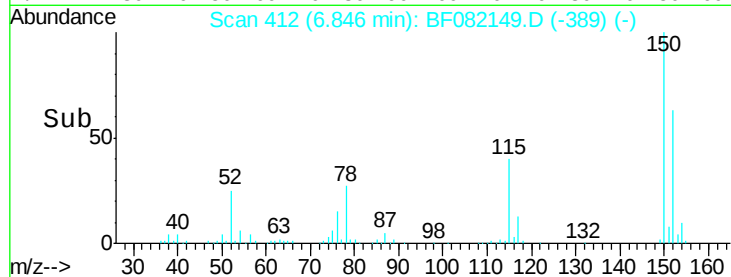
115 63.3 39.0 58.4#



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: 125.94 ng

RT: 5.46 min Scan# 291

Delta R.T. -0.00 min

Lab File: BF082149.D

Acq: 9 Oct 2015 17:08

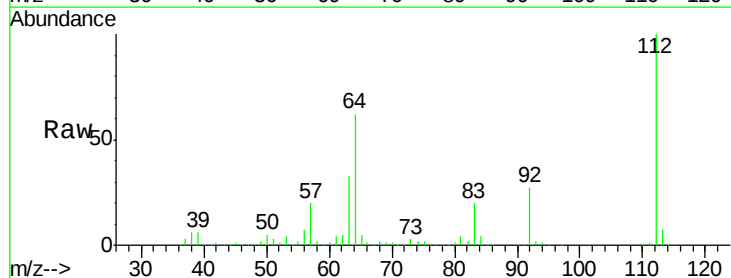
Tgt Ion:112 Resp: 837968

Ion Ratio Lower Upper

112 100

64 62.0 39.7 59.5#

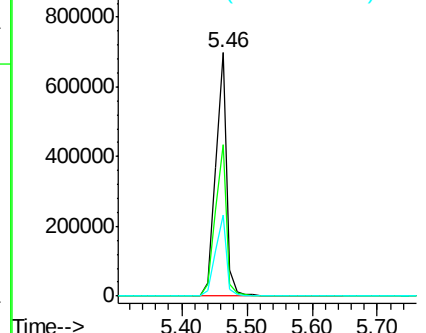
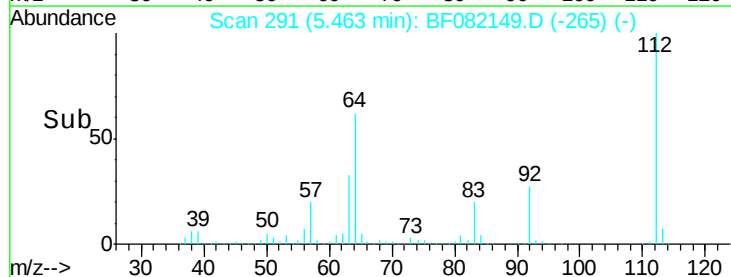
63 33.2 17.4 26.0#

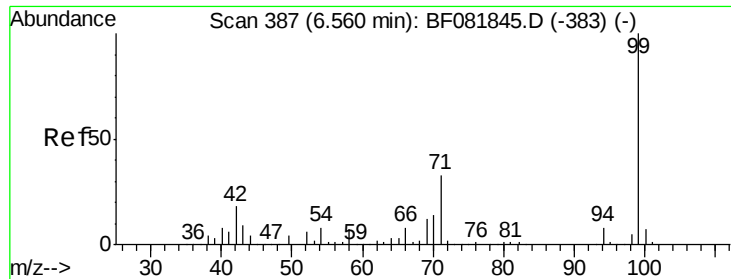


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.10 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082149.D

Acq: 9 Oct 2015 17:08

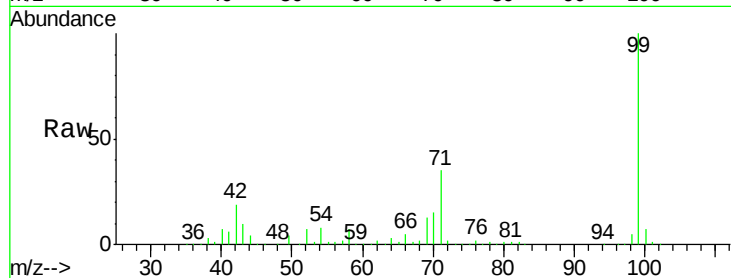
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1005545

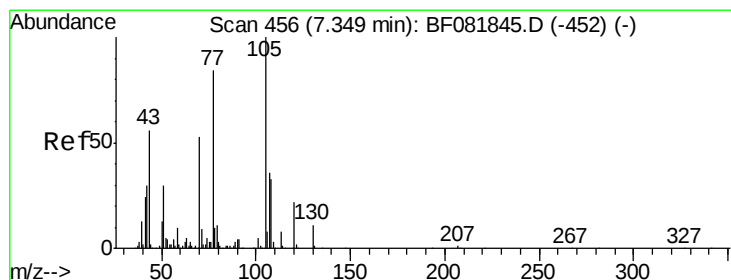
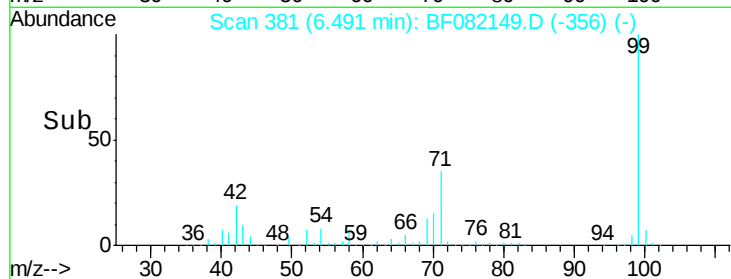
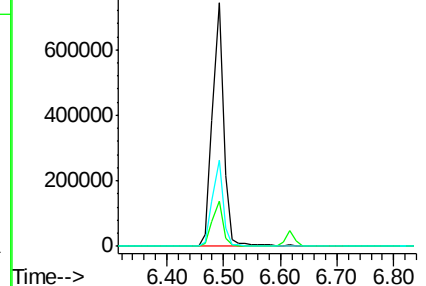
Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.7	20.5
71	35.5	14.2	21.2



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: 16.83 ng

RT: 7.42 min Scan# 462

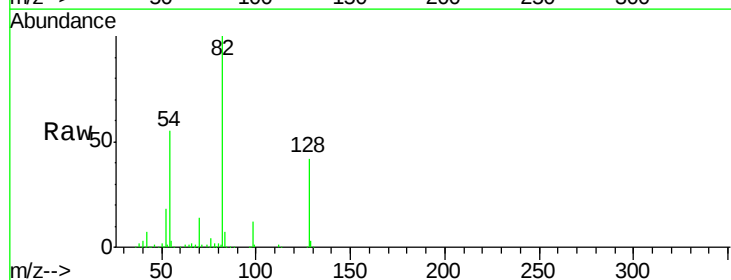
Delta R.T. 0.13 min

Lab File: BF082149.D

Acq: 9 Oct 2015 17:08

Tgt Ion: 70 Resp: 85639

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

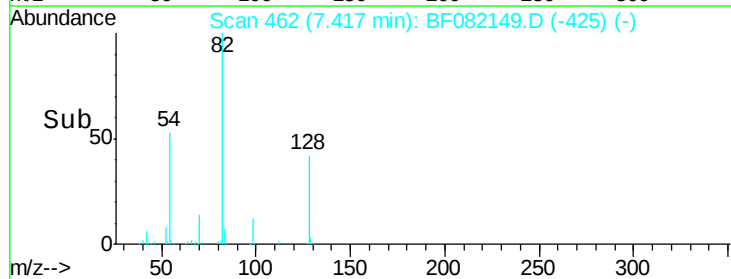
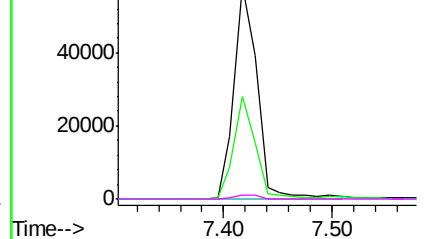


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

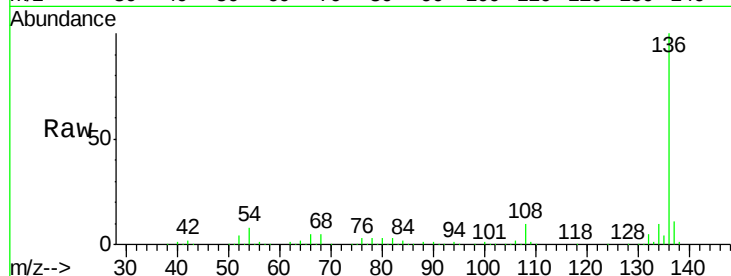




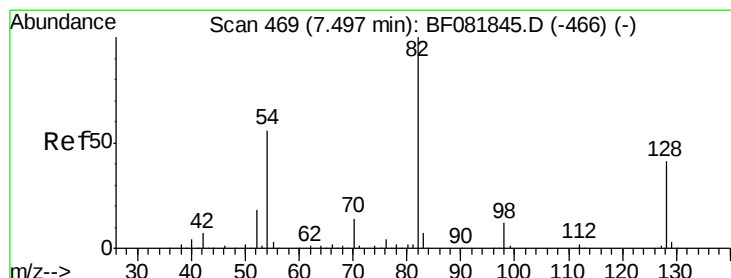
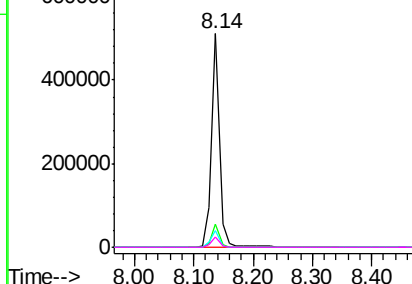
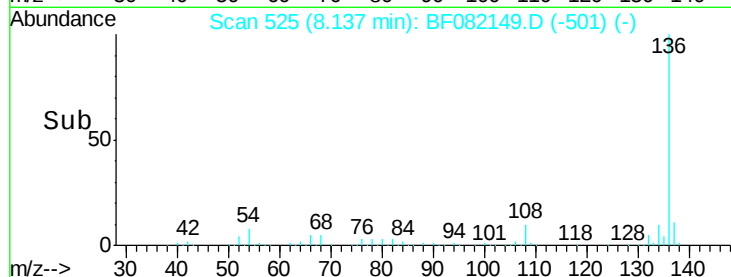
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

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#

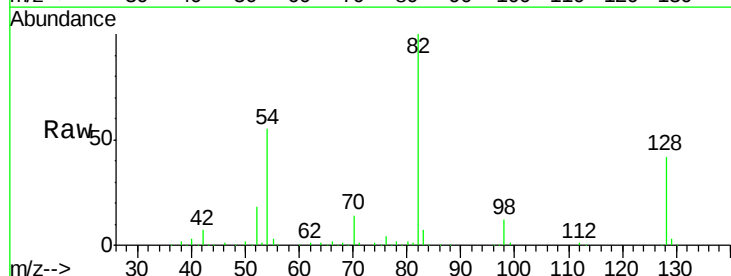


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

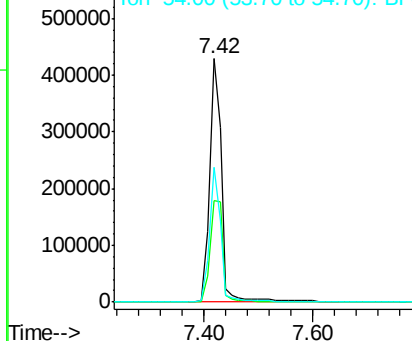
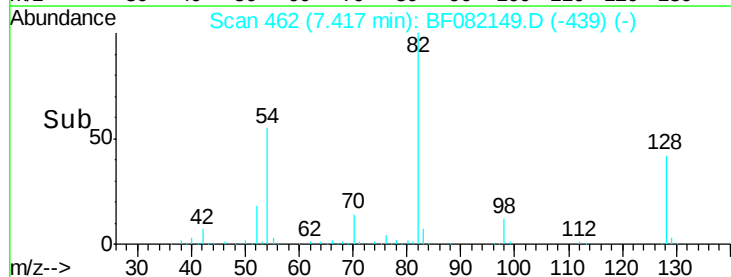


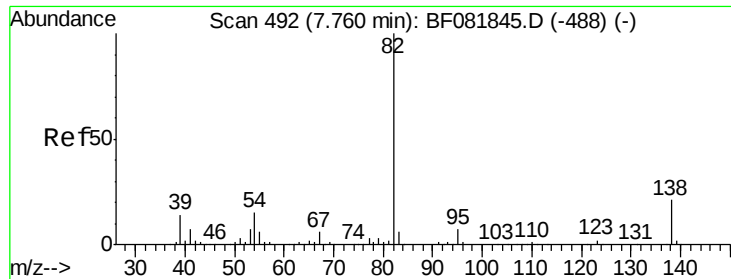
#23
Nitrobenzene-d5
Concen: 92.04 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

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





#25

Isophorone

Concen: 38.71 ng

RT: 7.42 min Scan# 462

Delta R.T. -0.29 min

Lab File: BF082149.D

Acq: 9 Oct 2015 17:08

Instrument :

BNA_F

ClientSampled :

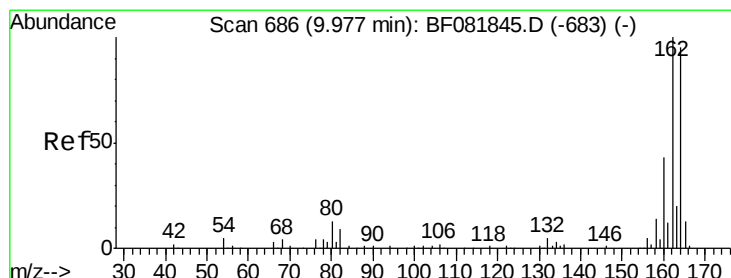
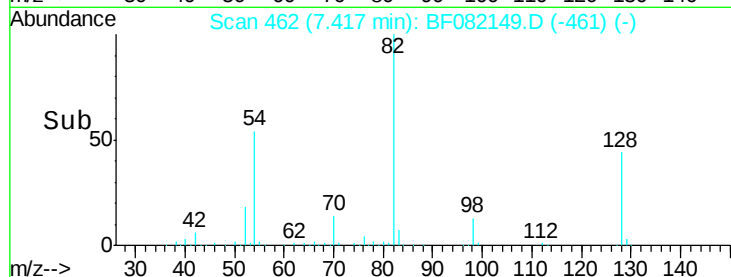
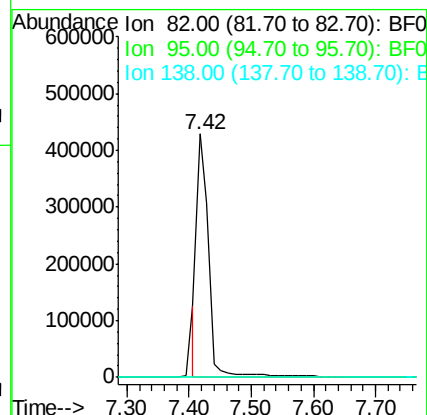
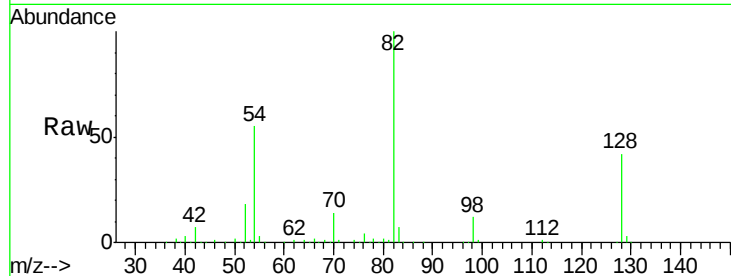
Tot Ion: 82 Resp: 549000

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF082149.D

Acq: 9 Oct 2015 17:08

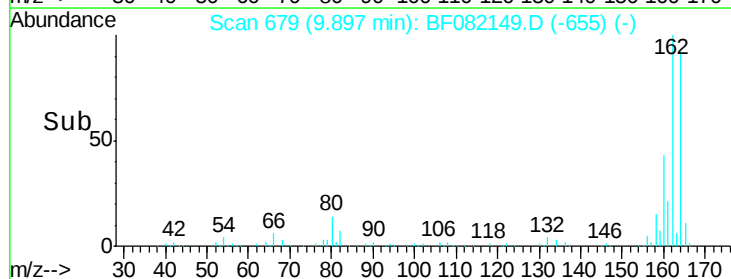
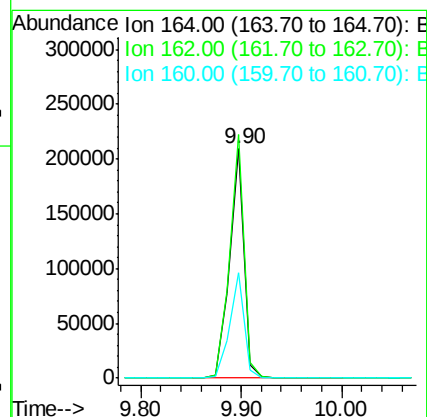
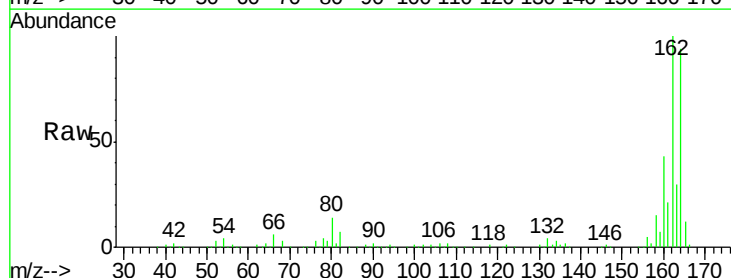
Tgt Ion:164 Resp: 209665

Ion Ratio Lower Upper

164 100

162 106.1 75.2 112.8

160 46.0 31.5 47.3

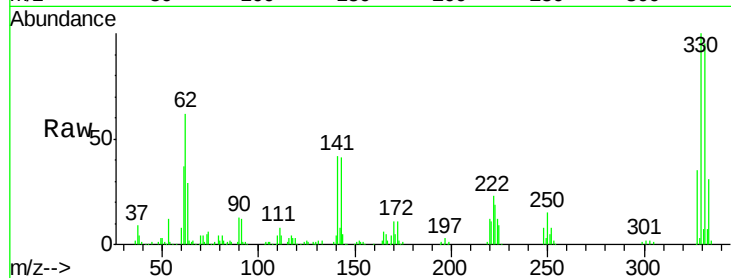




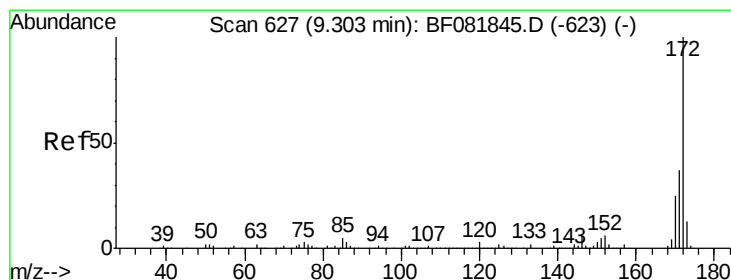
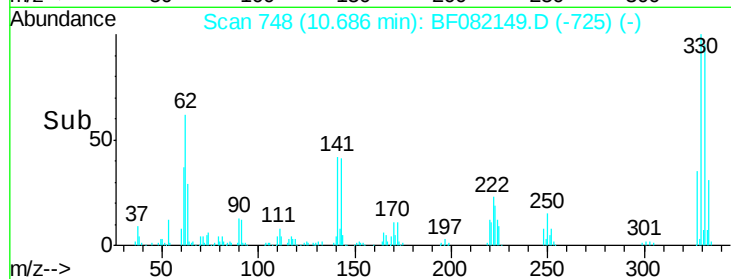
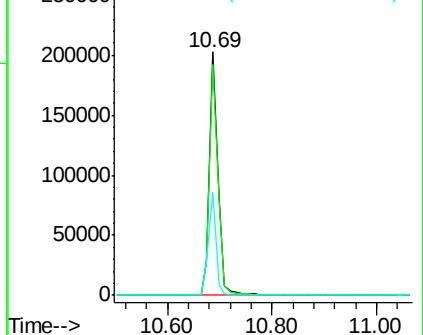
#41
 2,4,6-Tribromophenol
 Concen: 107.62 ng
 RT: 10.69 min Scan# 748
 Delta R.T. -0.03 min
 Lab File: BF082149.D
 Acq: 9 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	38.4	29.7	44.5

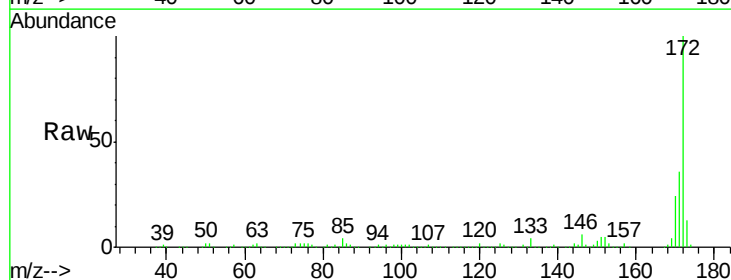


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

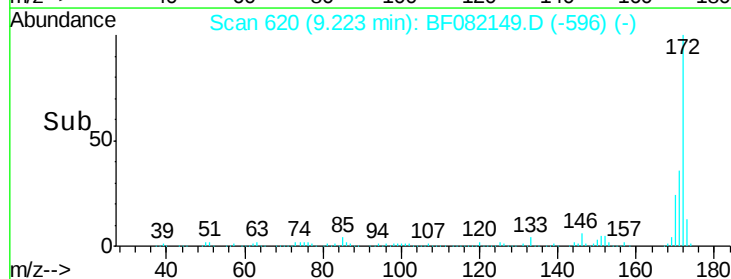
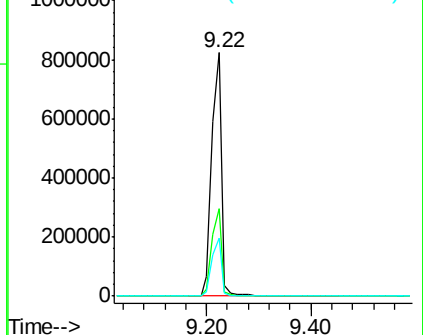


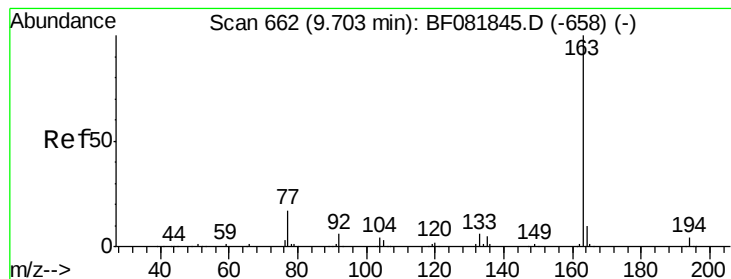
#44
 2-Fluorobiphenyl
 Concen: 86.39 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF082149.D
 Acq: 9 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	24.1	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: 17.68 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF082149.D

Acq: 9 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

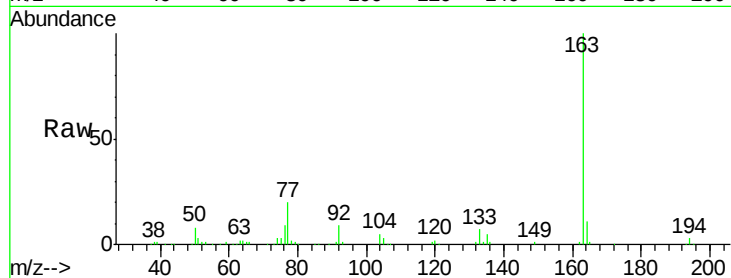
Tot Ion:163 Resp: 255934

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

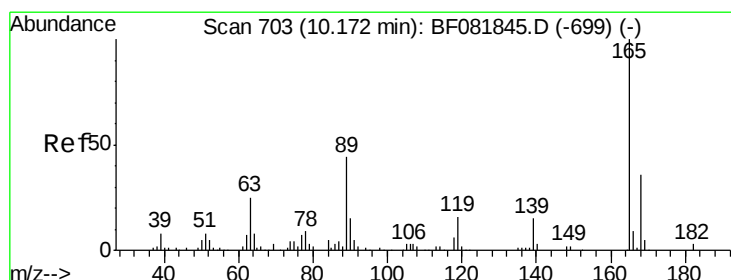
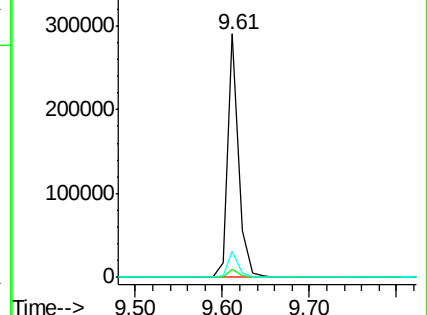
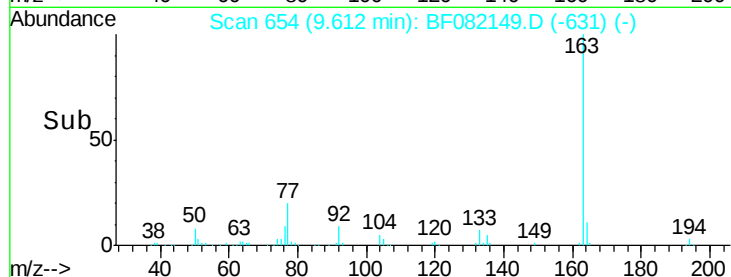
164 10.5 8.3 12.5



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: 6.65 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.22 min

Lab File: BF082149.D

Acq: 9 Oct 2015 17:08

Tgt Ion:165 Resp: 26623

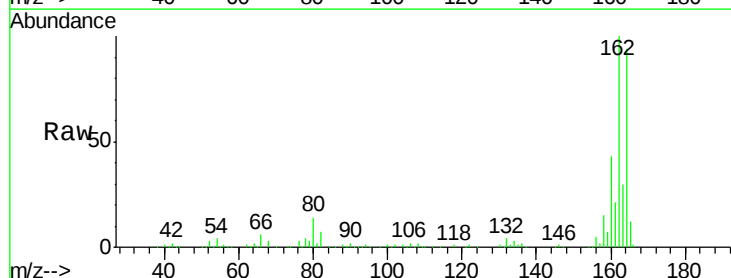
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.6#

89 1.8 44.5 66.7#

182 0.0 3.0 4.4#

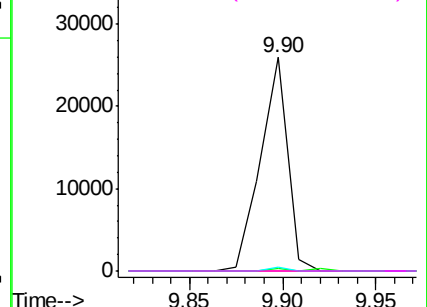
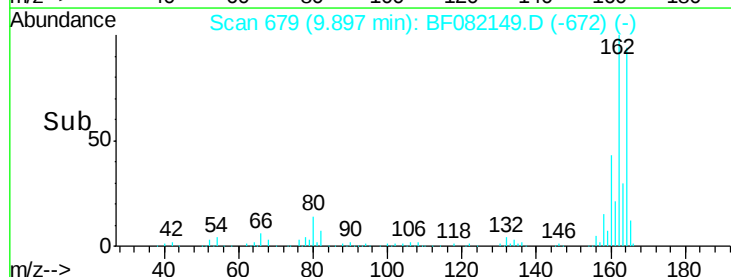


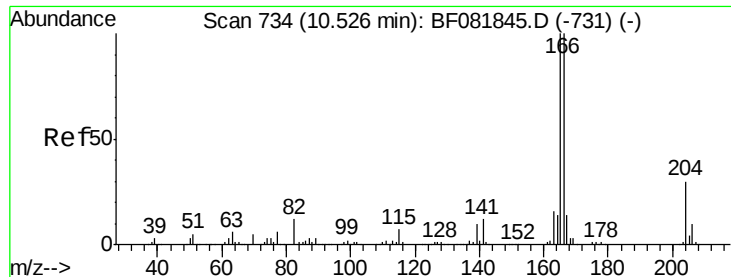
Abundance Ion 165.00 (164.70 to 165.70): E

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

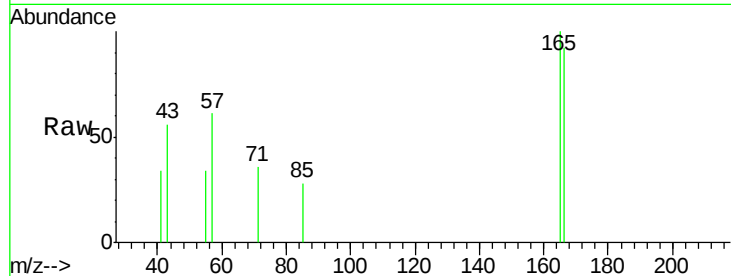




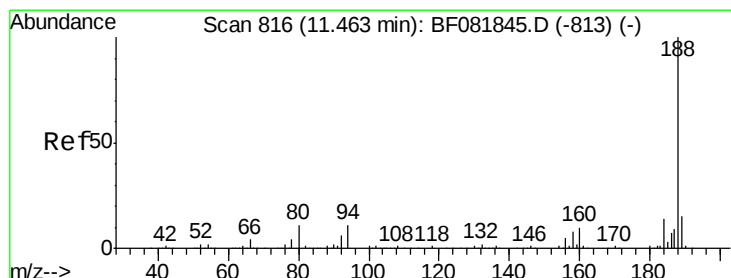
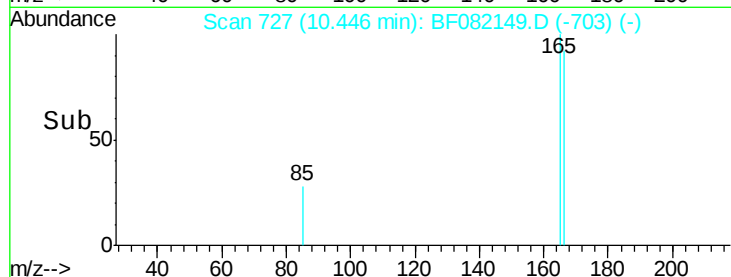
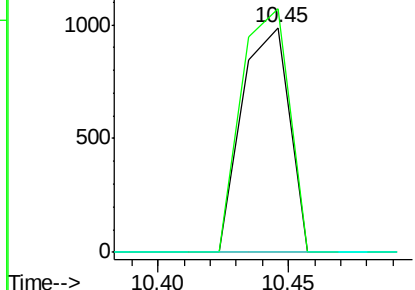
#57
Fluorene
 Concen: Below Cal
 RT: 10.45 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF082149.D
 Acq: 9 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 1260
 Ion Ratio Lower Upper
 166 100
 165 108.2 72.6 109.0
 167 0.0 10.6 16.0#

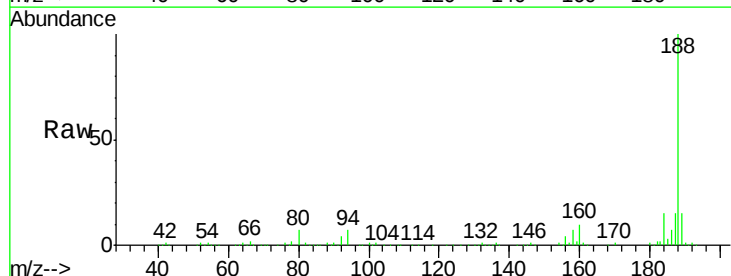


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

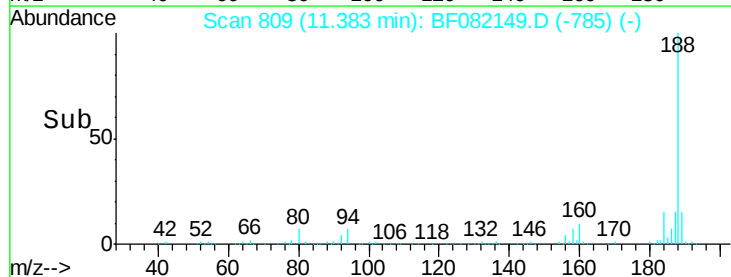
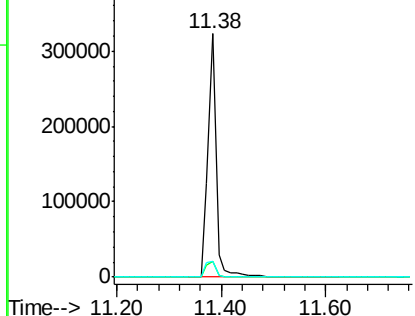


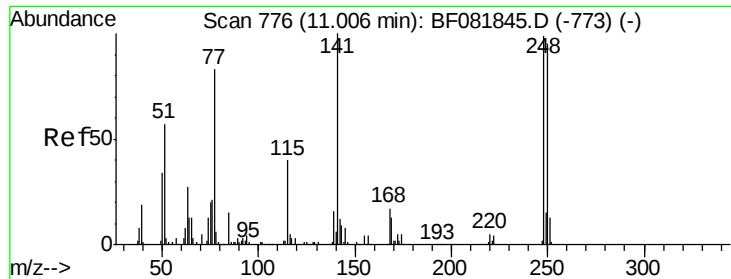
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF082149.D
 Acq: 9 Oct 2015 17:08

Tgt Ion:188 Resp: 356421
 Ion Ratio Lower Upper
 188 100
 94 6.6 11.1 16.7#
 80 6.6 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

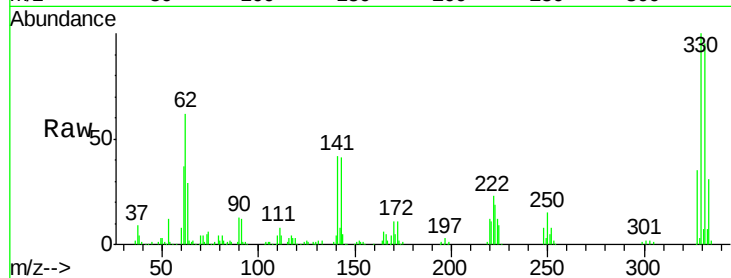




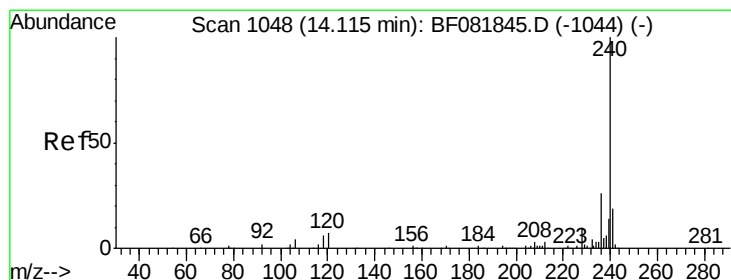
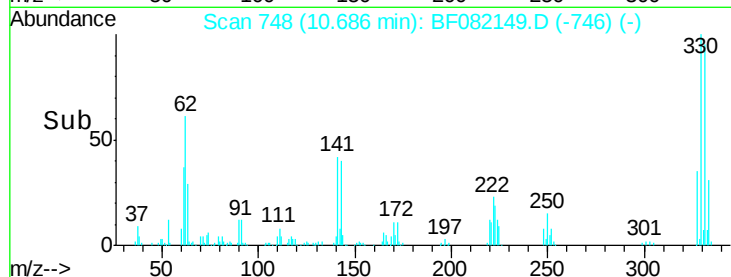
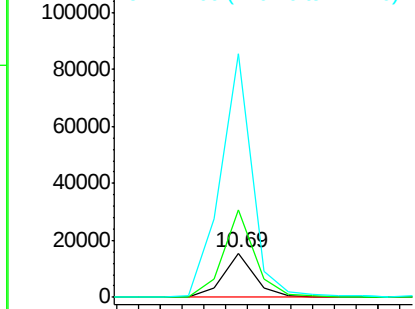
#66
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.27 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :

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

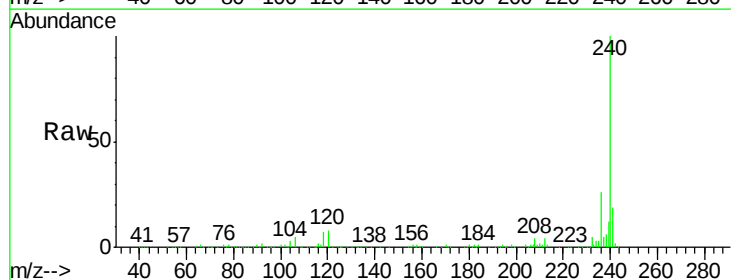


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

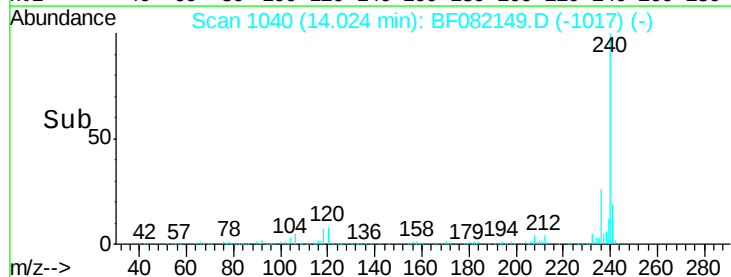
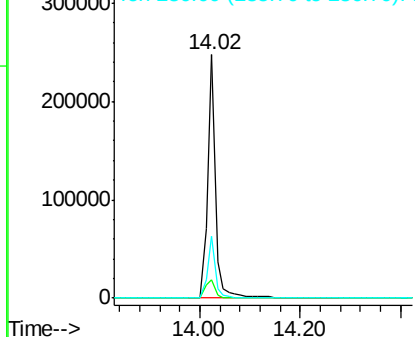


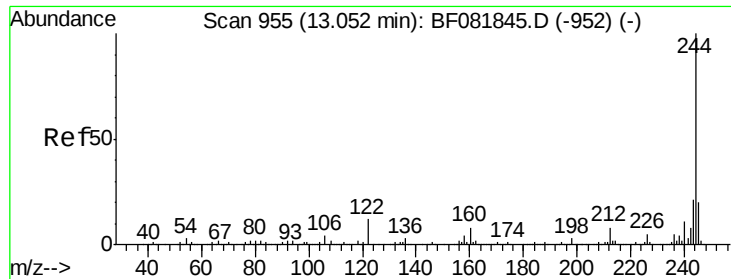
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF082149.D
Acq: 9 Oct 2015 17:08

Tgt 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

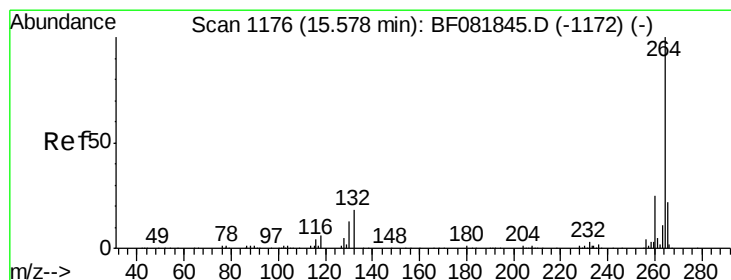
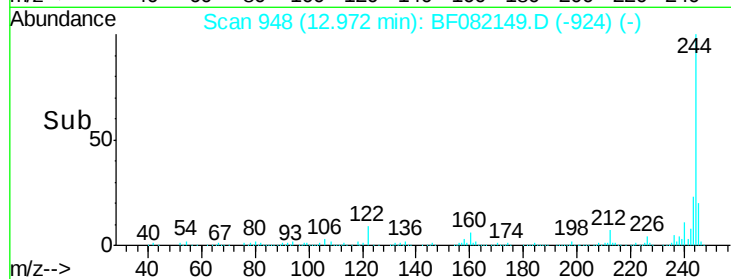
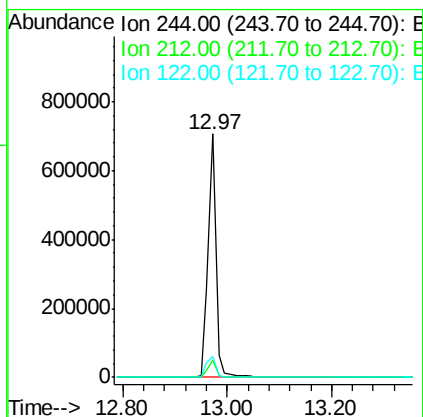
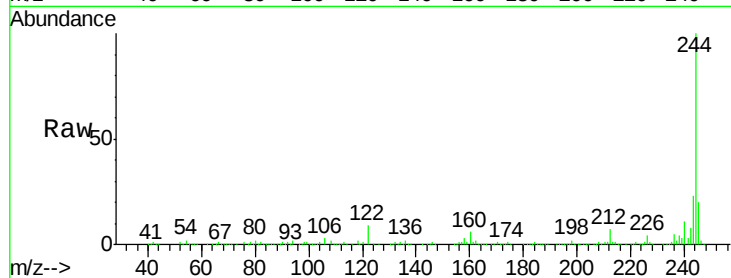




#78
 Terphenyl-d14
 Concen: 89.96 ng
 RT: 12.97 min Scan# 948
 Delta R.T. -0.02 min
 Lab File: BF082149.D
 Acq: 9 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 741639
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.3 6.5#
 122 8.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF082149.D
 Acq: 9 Oct 2015 17:08

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

