

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087031.D
 Acq On : 14 May 2016 20:38
 Operator : UM/SJ
 Sample : PB90490BL
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BL

Quant Time: May 16 04:46:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

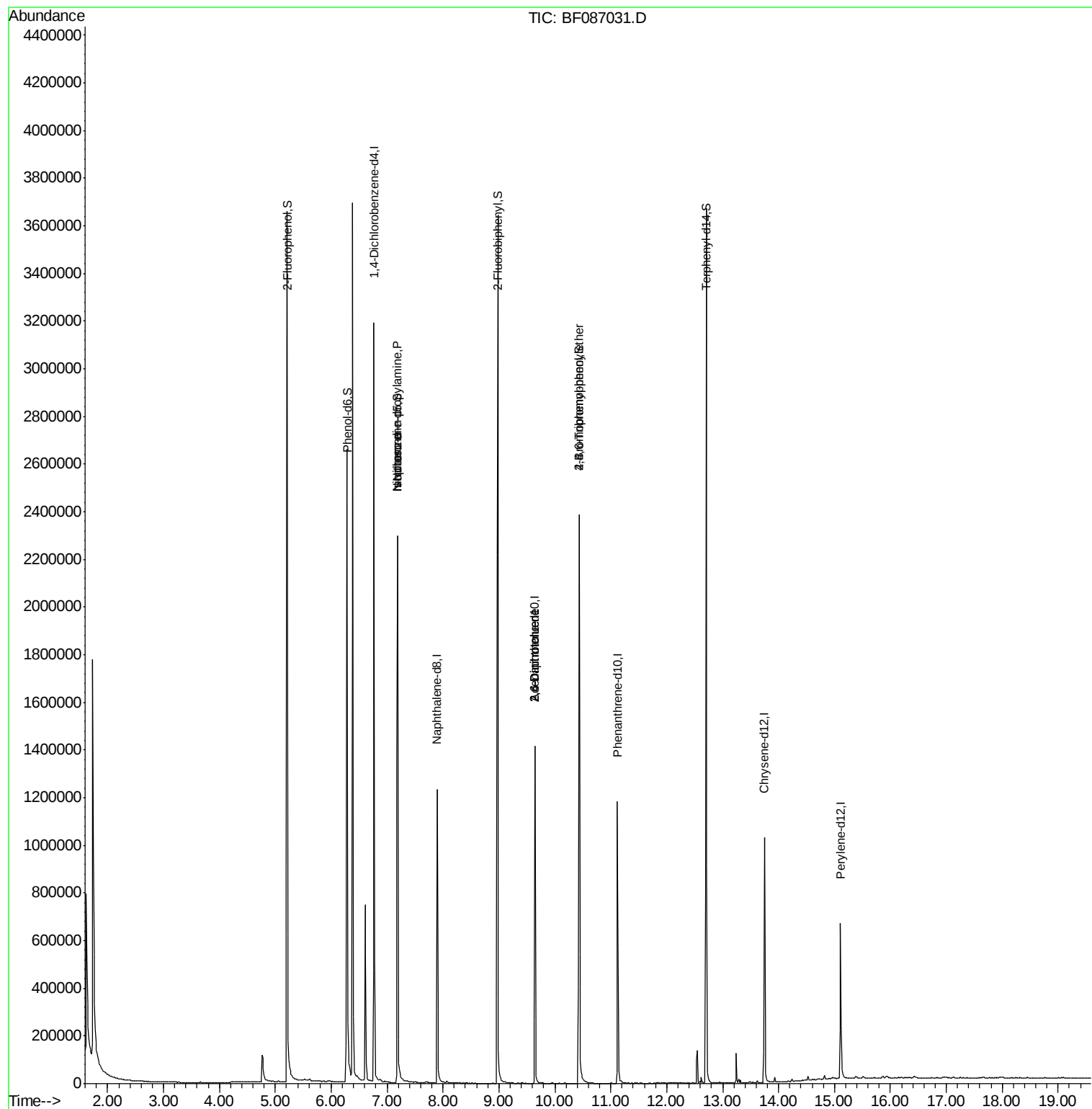
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	417182	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	572122	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	277728	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	509944	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	354879	20.00	ng	-0.09
86) Perylene-d12	15.11	264	295523	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	913929	37.10	ng	-0.08
7) Phenol-d6	6.28	99	1275412	38.74	ng	-0.08
23) Nitrobenzene-d5	7.19	82	872347	76.56	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	269826	91.77	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1426625	86.33	ng	-0.08
78) Terphenyl-d14	12.71	244	1160604	69.39	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	123169	5.35	ng	# 76
25) Isophorone	7.19	82	843311	39.89	ng	# 68
50) 2,6-Dinitrotoluene	9.64	165	35083	7.87	ng	# 20
56) 2,4-Dinitrotoluene	9.64	165	35085	6.36	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	17015	3.29	ng	# 1

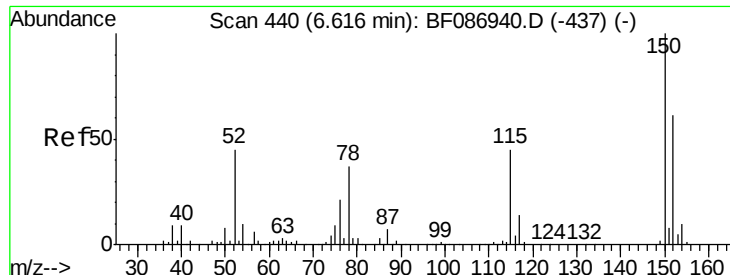
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 16 04:46:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

Instrument :

BNA_F

ClientSampleId :

PB90490BL

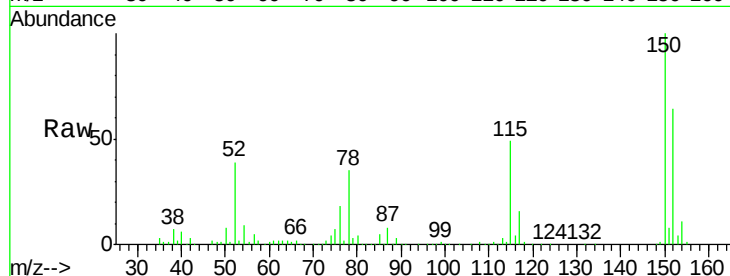
Tgt Ion:152 Resp: 417182

Ion Ratio Lower Upper

152 100

150 157.4 125.8 188.6

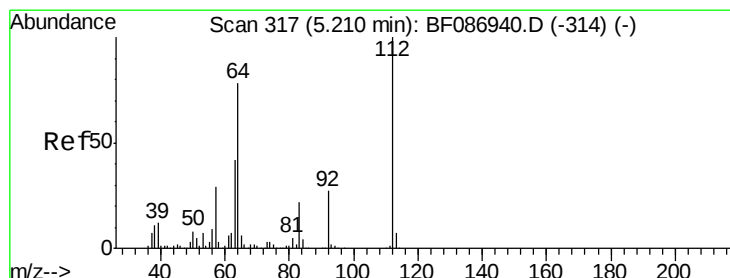
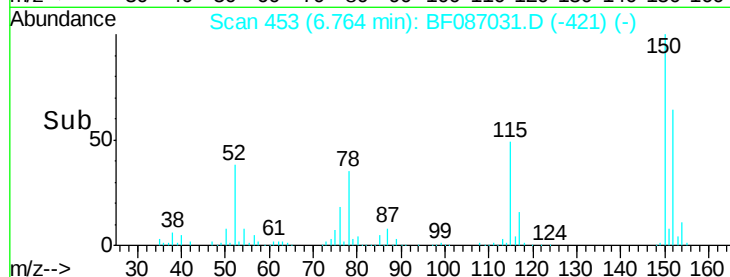
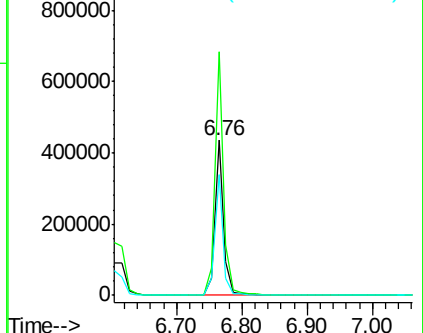
115 77.7 51.5 77.3#



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: 37.10 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

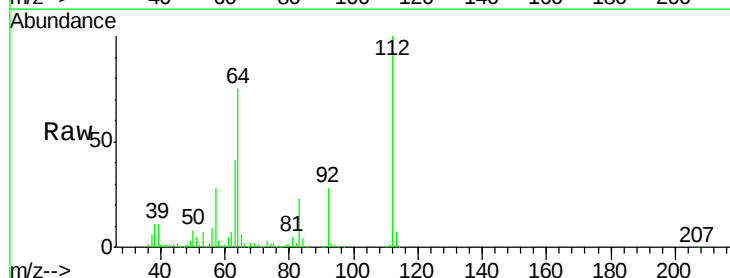
Tgt Ion:112 Resp: 913929

Ion Ratio Lower Upper

112 100

64 74.7 52.1 78.1

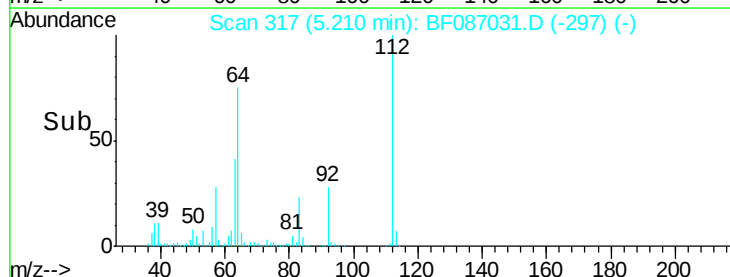
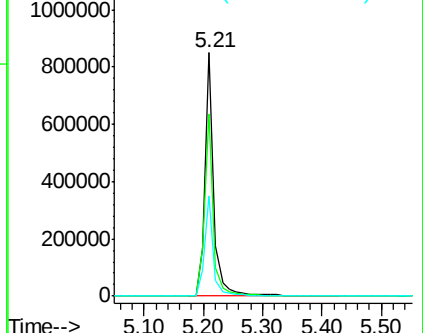
63 41.1 25.7 38.5#



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: 38.74 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

Instrument :

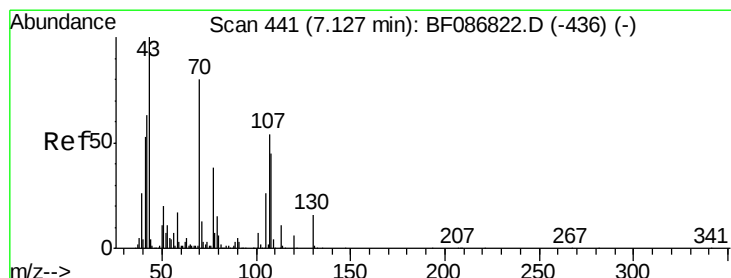
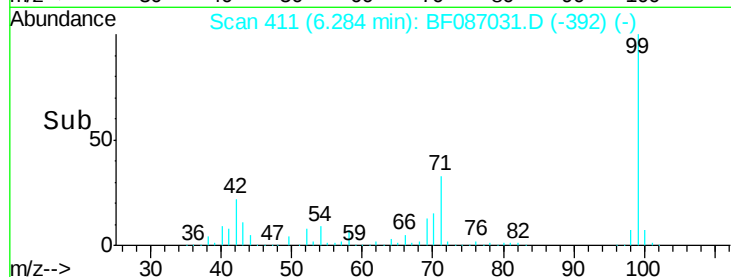
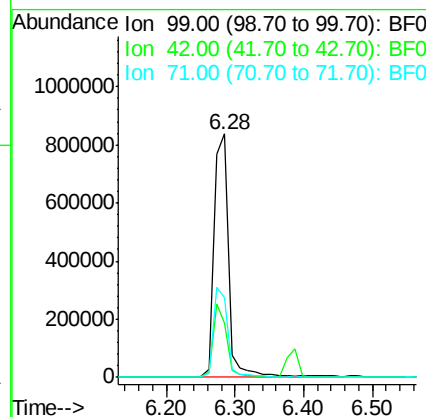
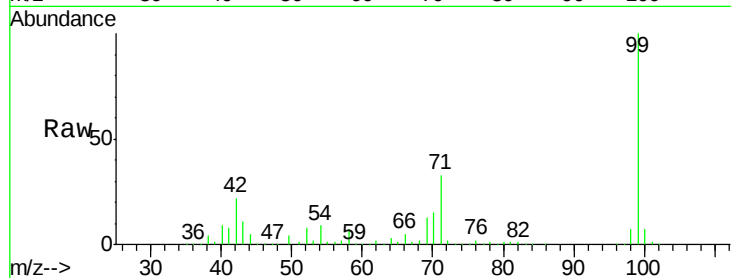
BNA_F

ClientSampled :

PB90490BL

Tgt Ion: 99 Resp: 1275412

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.6	20.4#
71	32.9	24.6	36.8



#19

n-Nitroso-di-n-propylamine

Concen: 5.35 ng

RT: 7.19 min Scan# 490

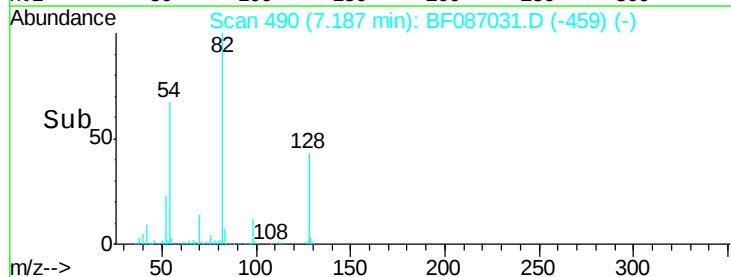
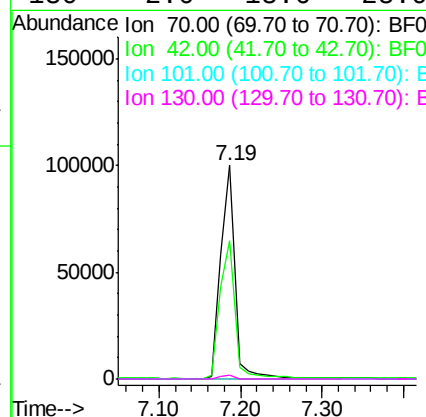
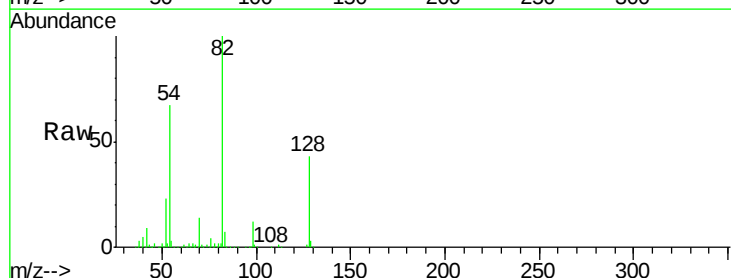
Delta R.T. 0.06 min

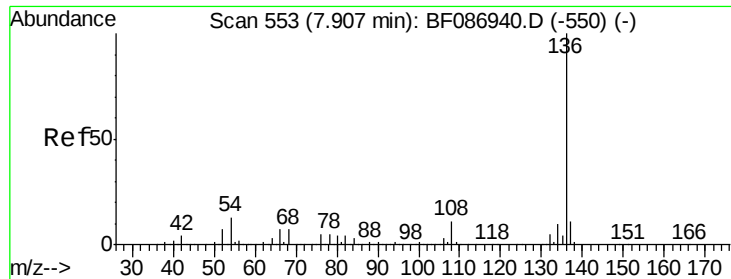
Lab File: BF087031.D

Acq: 14 May 2016 20:38

Tgt Ion: 70 Resp: 123169

Ion	Ratio	Lower	Upper
70	100		
42	64.5	43.1	64.7
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#

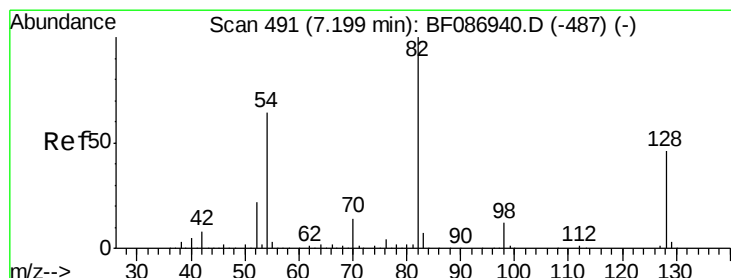
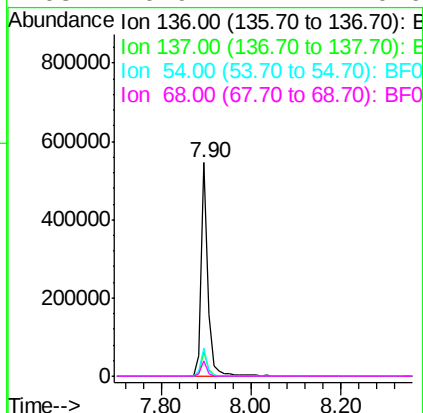
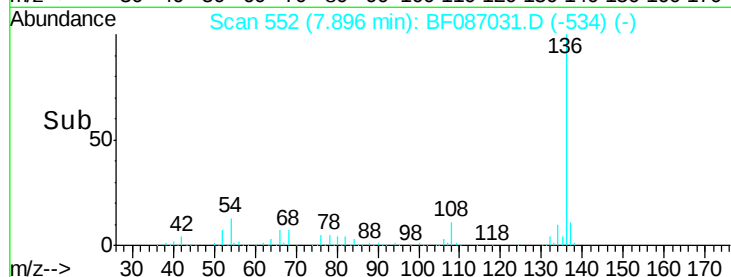
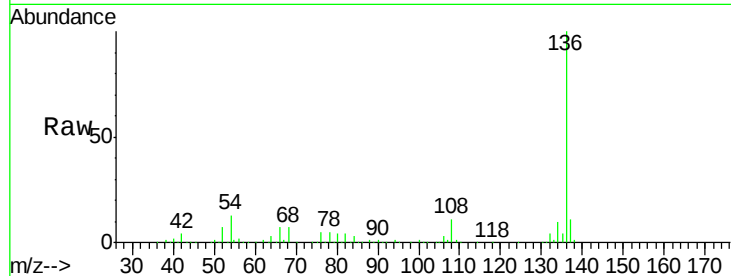




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087031.D
Acq: 14 May 2016 20:38

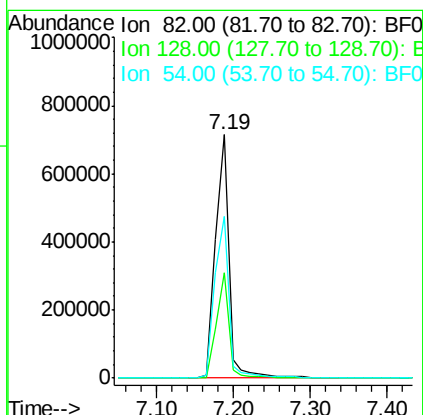
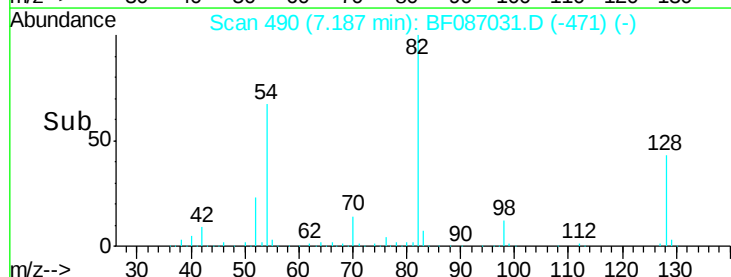
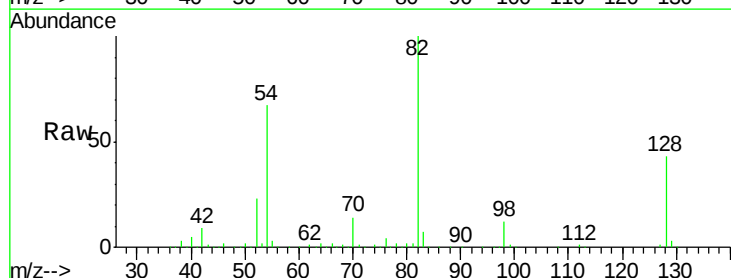
Instrument :
BNA_F
ClientSampleId :
PB90490BL

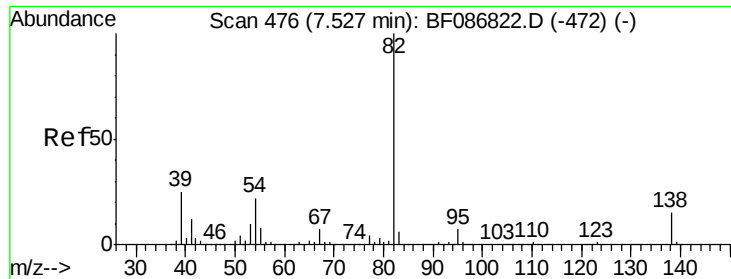
Tgt Ion:	136	Resp:	572122
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.3	5.0	7.4#
68	6.9	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 76.56 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087031.D
Acq: 14 May 2016 20:38

Tgt Ion:	82	Resp:	872347
Ion	Ratio	Lower	Upper
82	100		
128	43.2	40.6	61.0
54	66.6	38.1	57.1#





#25

Isophorone

Concen: 39.89 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

Instrument :

BNA_F

ClientSampleId :

PB90490BL

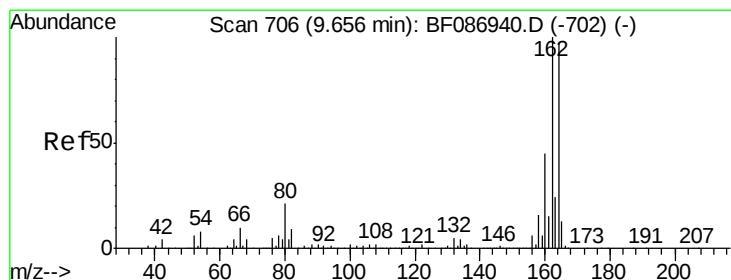
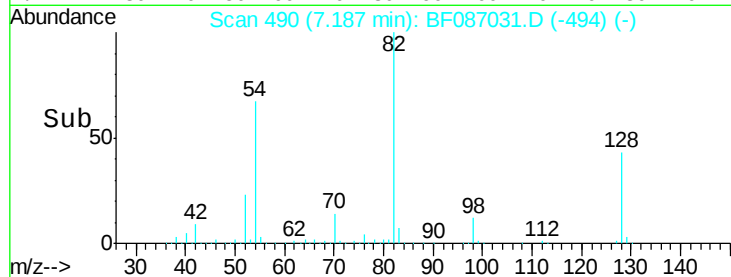
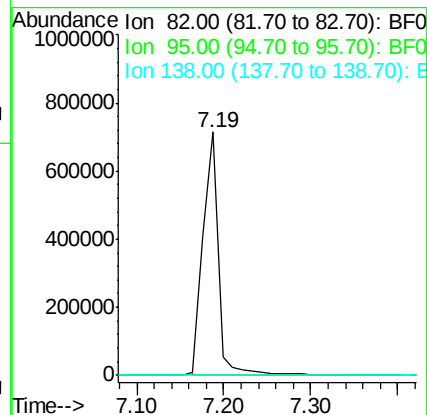
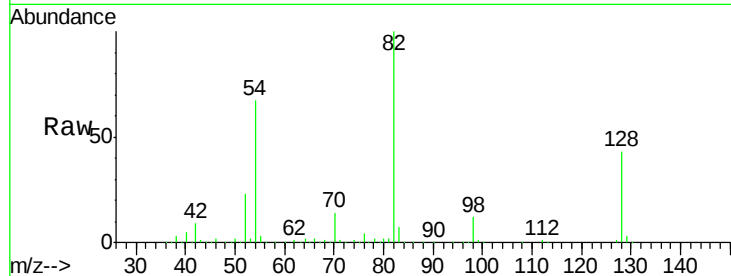
Tgt Ion: 82 Resp: 843311

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

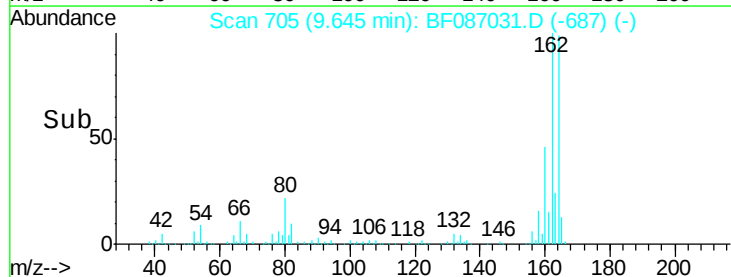
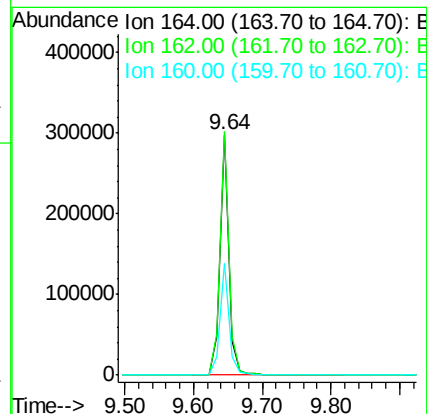
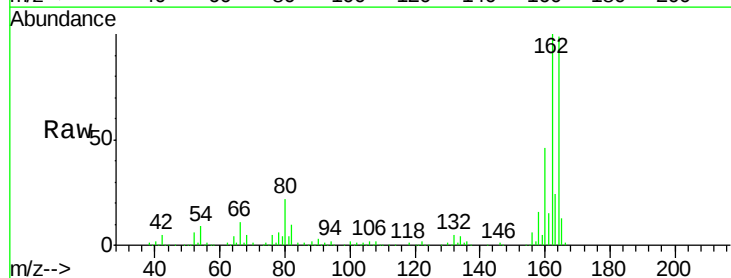
Tgt Ion: 164 Resp: 277728

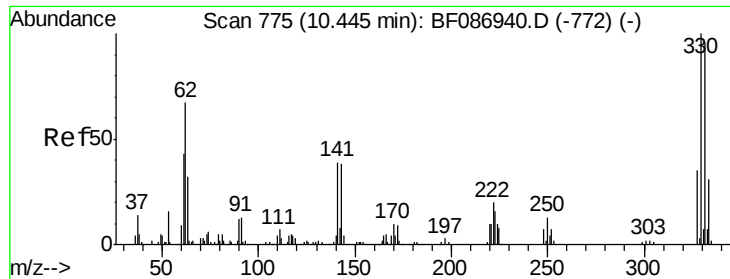
Ion Ratio Lower Upper

164 100

162 101.4 82.8 124.2

160 46.6 36.9 55.3

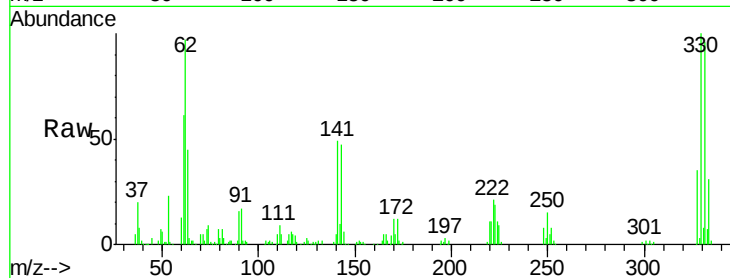




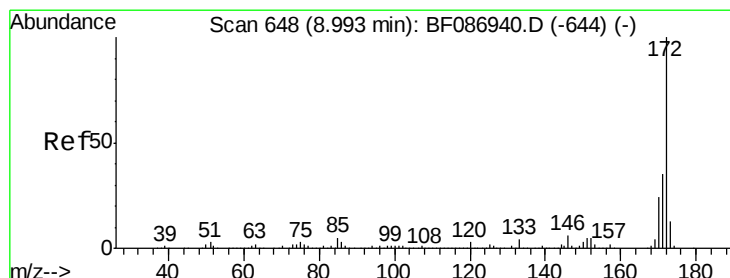
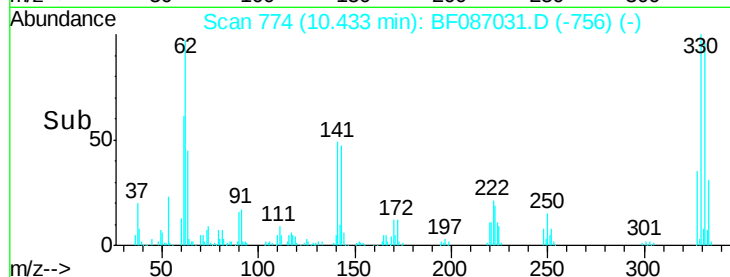
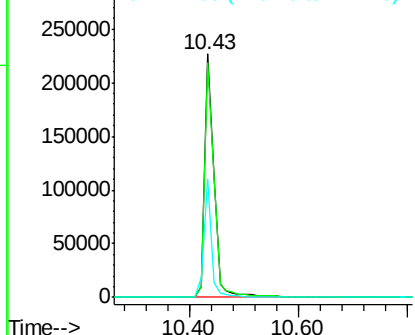
#41
 2,4,6-Tribromophenol
 Concen: 91.77 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF087031.D
 Acq: 14 May 2016 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BL

Tgt Ion:330 Resp: 269826
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 39.4 31.2 46.8

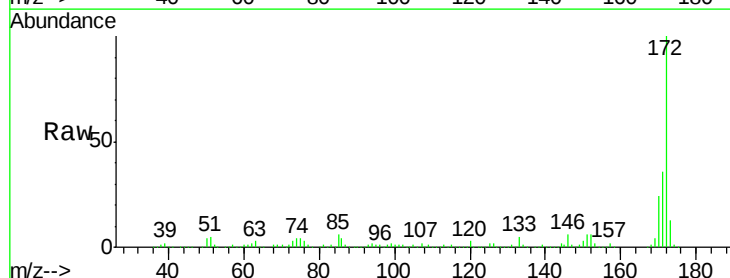


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

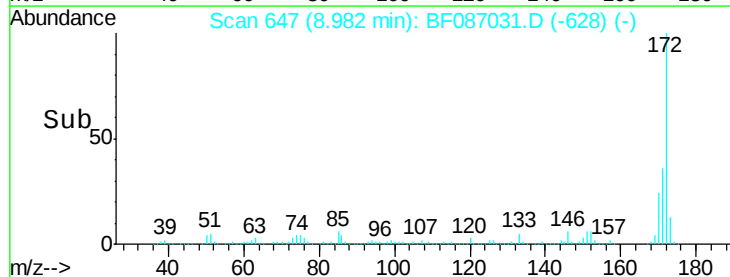
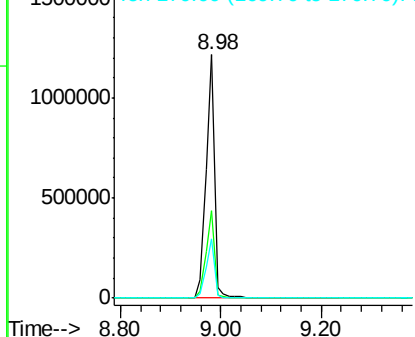


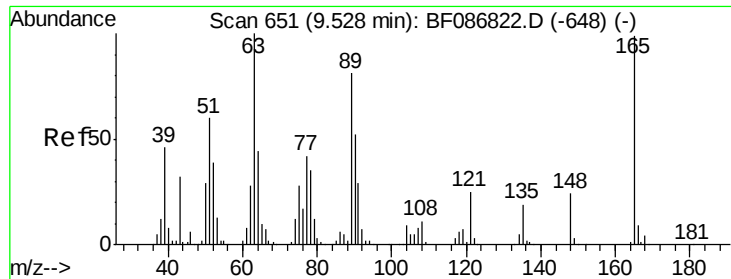
#44
 2-Fluorobiphenyl
 Concen: 86.33 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087031.D
 Acq: 14 May 2016 20:38

Tgt Ion:172 Resp: 1426625
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.4 19.8 29.8



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: 7.87 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.12 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

Instrument :

BNA_F

ClientSampleId :

PB90490BL

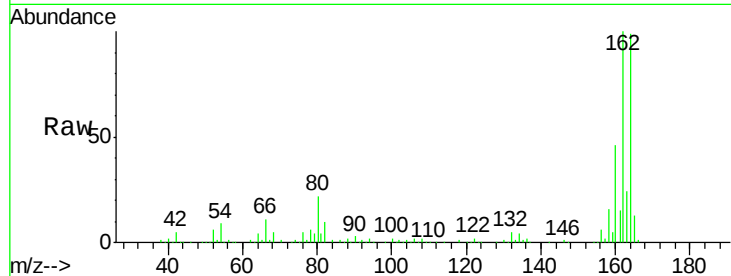
Tgt Ion:165 Resp: 35083

Ion Ratio Lower Upper

165 100

63 1.9 51.8 77.8#

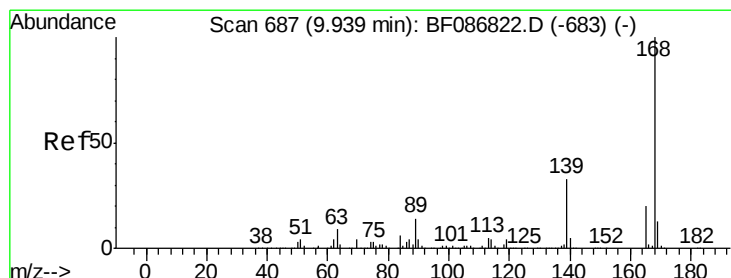
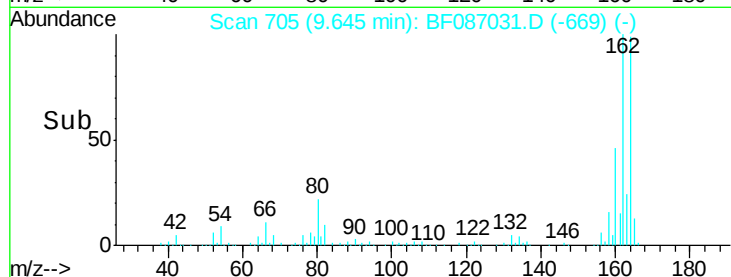
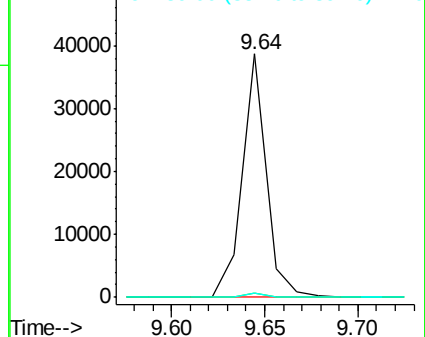
89 1.7 50.7 76.1#



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: 6.36 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.29 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

Tgt Ion:165 Resp: 35085

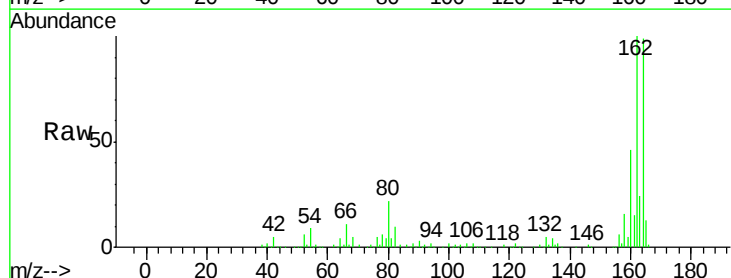
Ion Ratio Lower Upper

165 100

63 1.9 44.3 66.5#

89 1.7 70.0 105.0#

182 0.0 1.8 2.6#

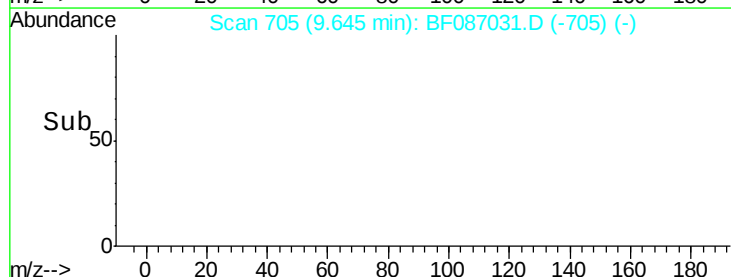
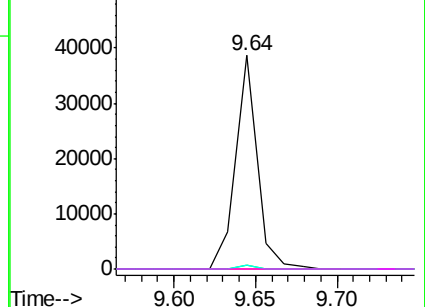


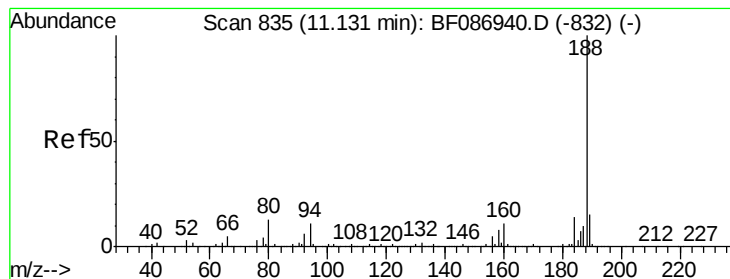
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

Instrument :

BNA_F

ClientSampleId :

PB90490BL

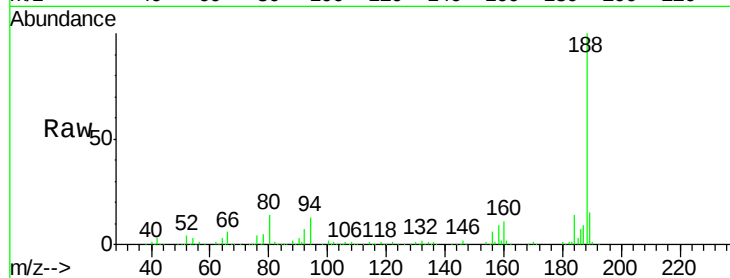
Tgt Ion:188 Resp: 509944

Ion Ratio Lower Upper

188 100

94 13.1 6.8 10.2#

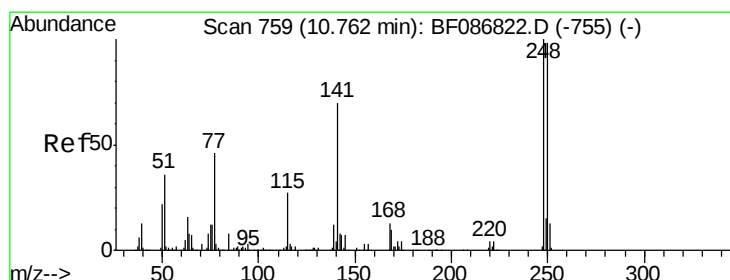
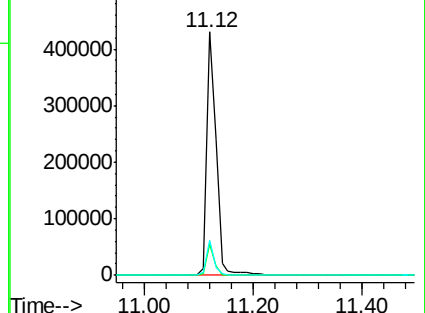
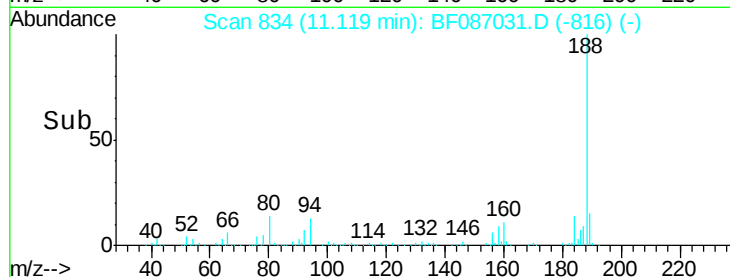
80 14.5 7.1 10.7#



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: 3.29 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

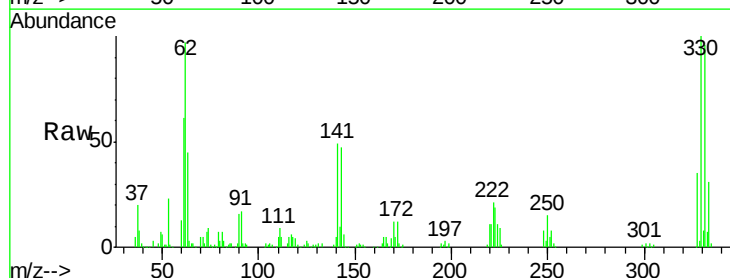
Tgt Ion:248 Resp: 17015

Ion Ratio Lower Upper

248 100

250 198.8 78.6 117.8#

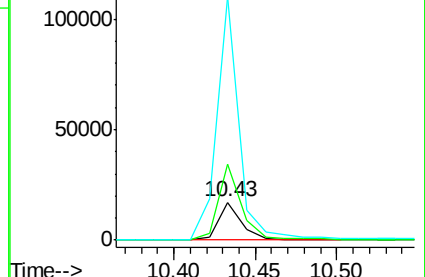
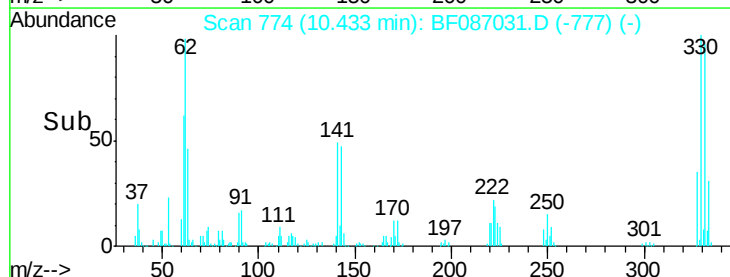
141 640.5 76.0 114.0#

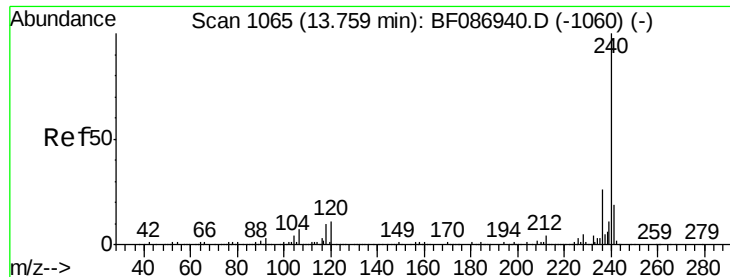


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

Instrument :

BNA_F

ClientSampleId :

PB90490BL

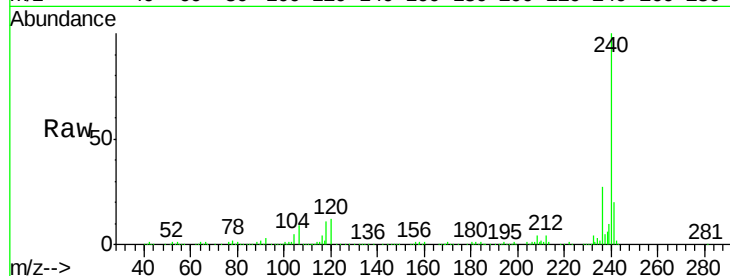
Tgt Ion:240 Resp: 354879

Ion Ratio Lower Upper

240 100

120 12.3 11.2 16.8

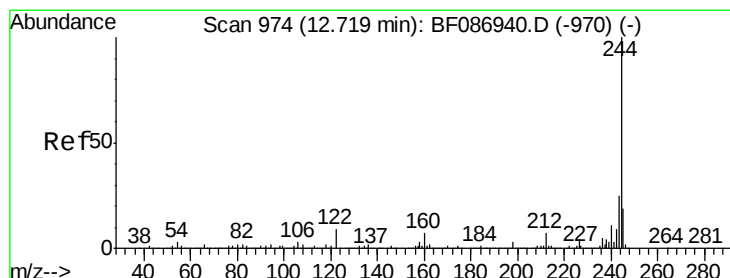
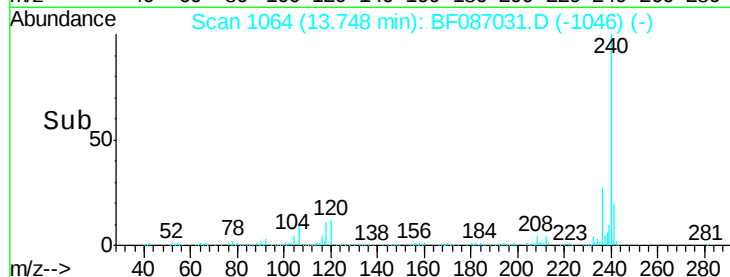
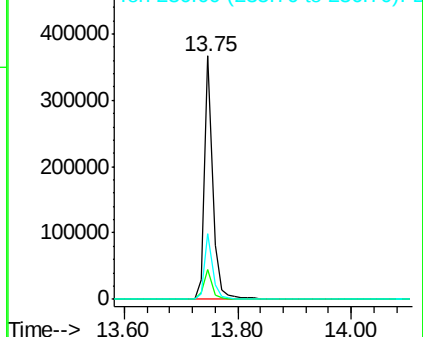
236 26.8 21.2 31.8



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: 69.39 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

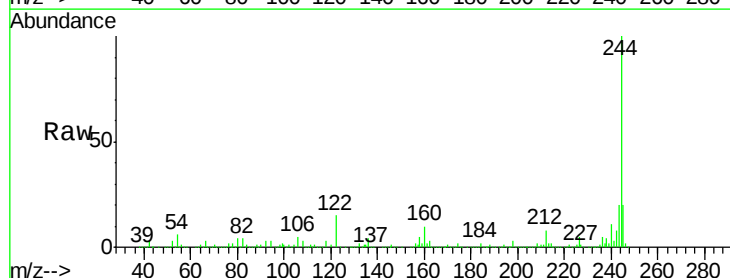
Tgt Ion:244 Resp: 1160604

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

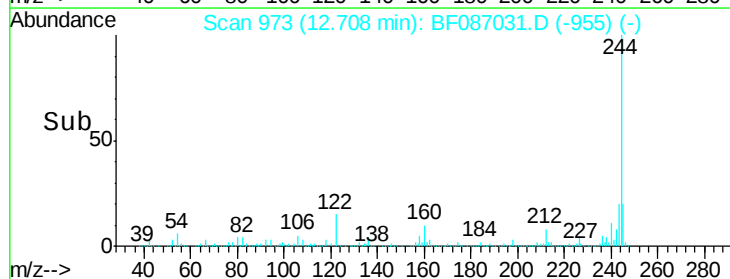
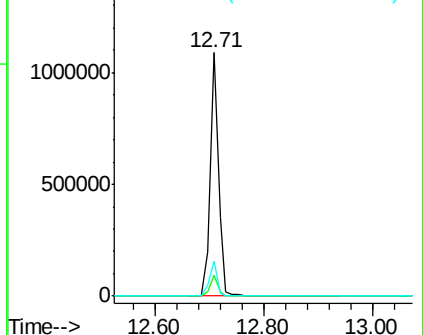
122 14.5 12.0 18.0

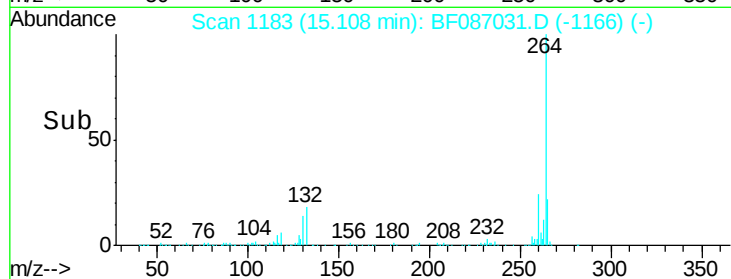
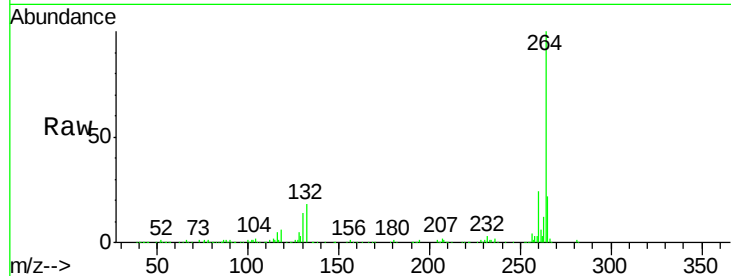
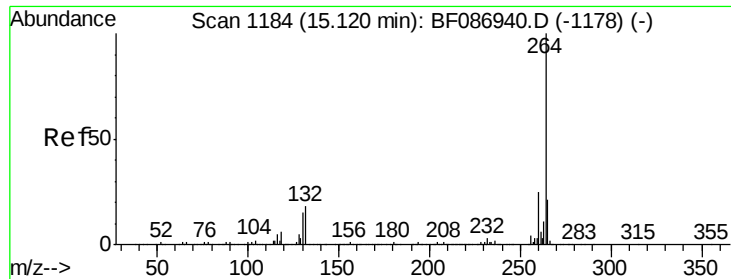


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183

Delta R.T. -0.10 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

Instrument :

BNA_F

ClientSampleId :

PB90490BL

Tgt Ion: 264 Resp: 295523

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.7 17.3 25.9

