

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050616\
 Data File : BF086747.D
 Acq On : 7 May 2016 2:18
 Operator : UM/SJ
 Sample : PB90223BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 07 03:29:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

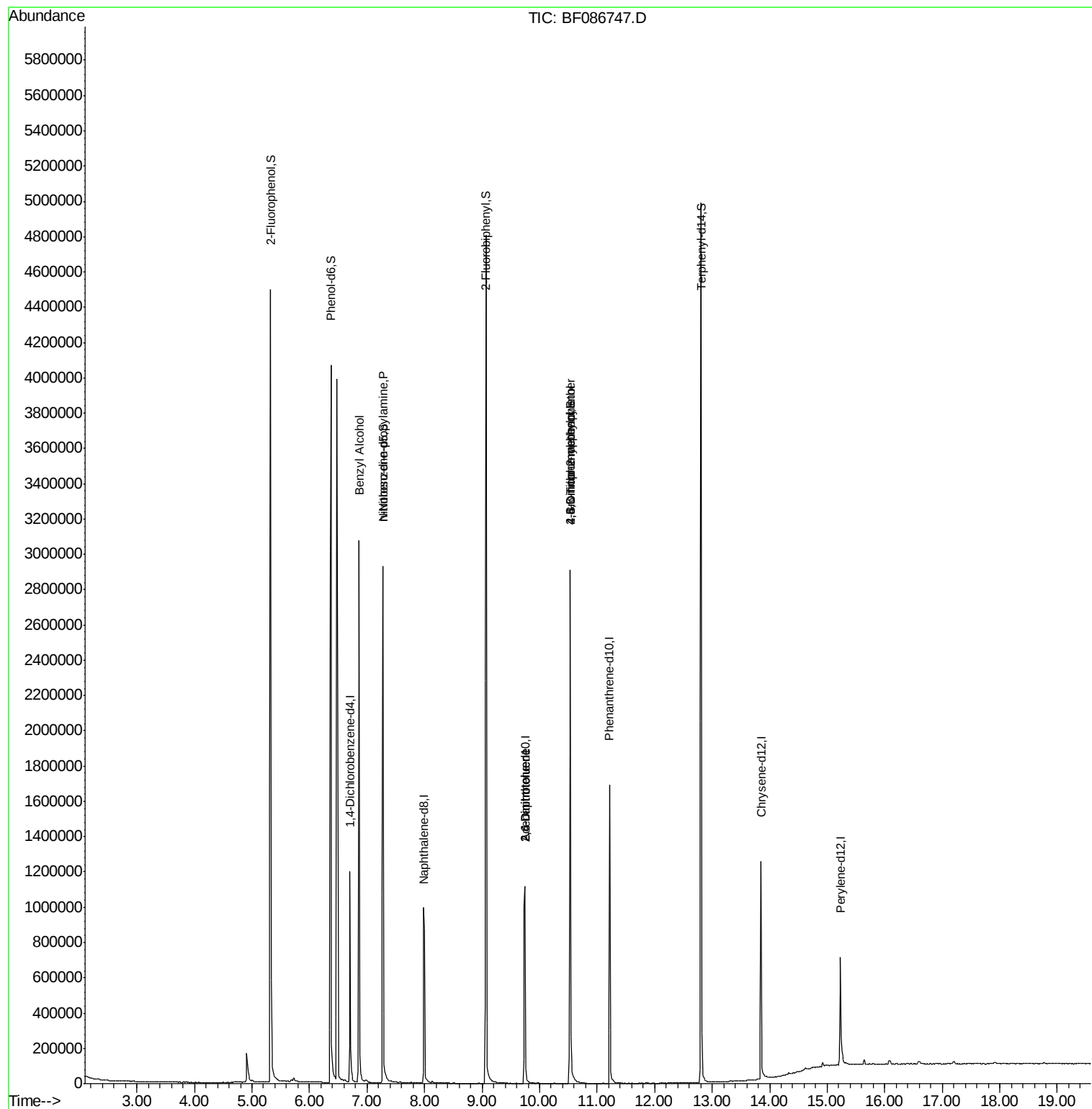
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170952	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	687032	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	342941	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	654500	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	480694	40.00	ng	-0.01
86) Perylene-d12	15.23	264	345893	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1168341	113.14	ng	0.00
7) Phenol-d6	6.37	99	1682021	120.92	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1015821	75.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	444263	132.43	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1749457	83.62	ng	-0.01
78) Terphenyl-d14	12.81	244	1599661	67.26	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.86	79	18591	2.07	ng	# 36
19) n-Nitroso-di-n-propylamine	7.28	70	142006	14.94	ng	# 73
50) 2,6-Dinitrotoluene	9.74	165	42554	7.76	ng	# 21
56) 2,4-Dinitrotoluene	9.74	165	42556	6.26	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.53	198	1200	5.62	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	28058	4.31	ng	# 1

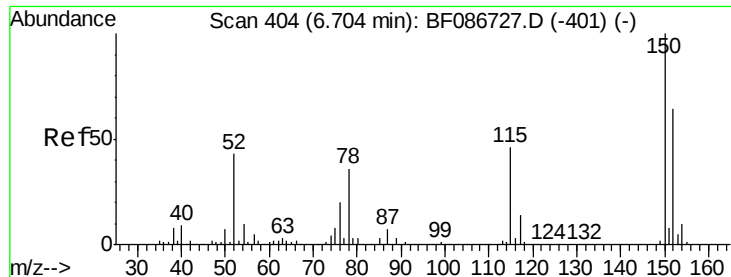
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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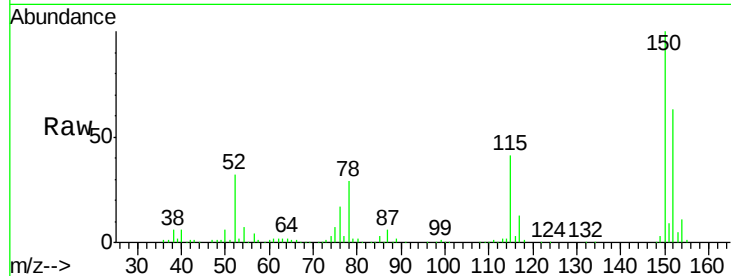


#1

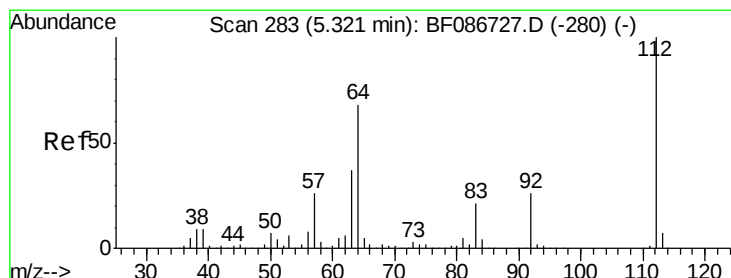
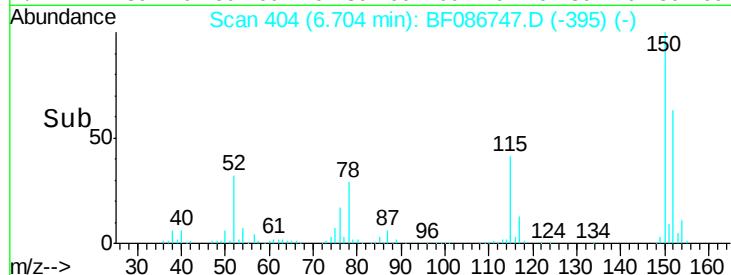
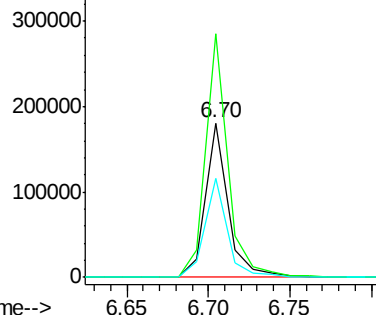
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086747.D
Acq: 7 May 2016 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170952
Ion Ratio Lower Upper
152 100
150 157.6 125.8 188.6
115 64.3 51.5 77.3



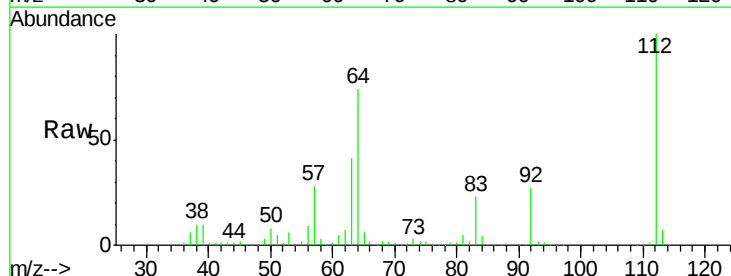
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



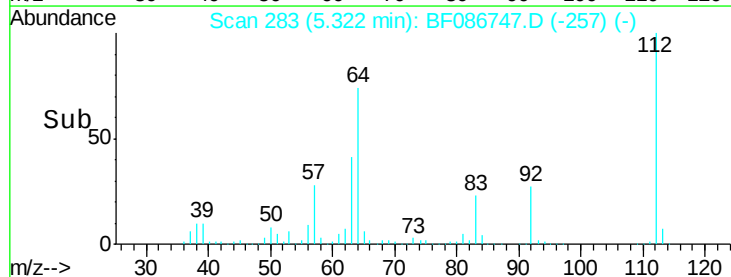
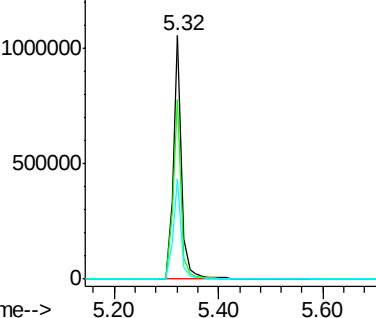
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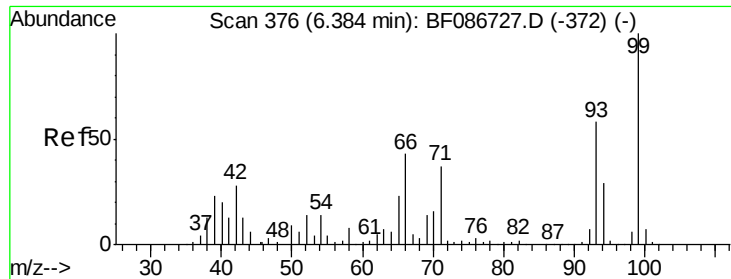
2-Fluorophenol
Concen: 113.14 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.00 min
Lab File: BF086747.D
Acq: 7 May 2016 2:18

Tgt Ion:112 Resp: 1168341
Ion Ratio Lower Upper
112 100
64 73.9 52.1 78.1
63 41.0 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: 120.92 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

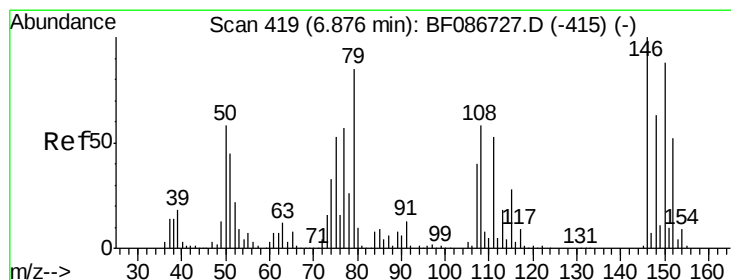
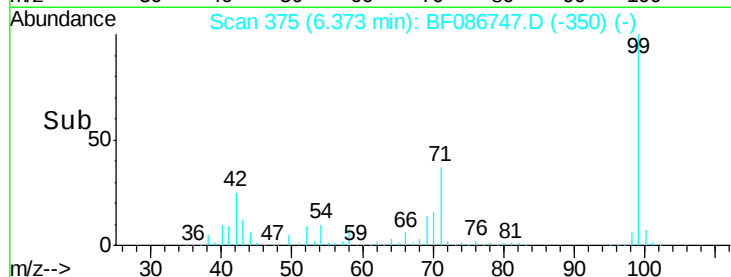
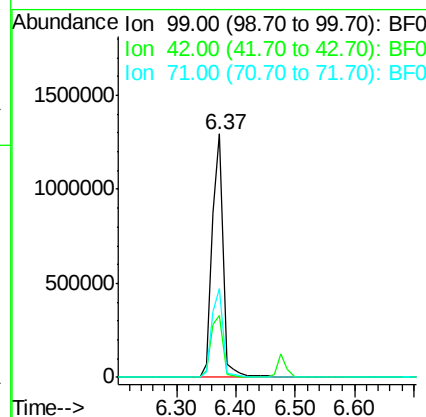
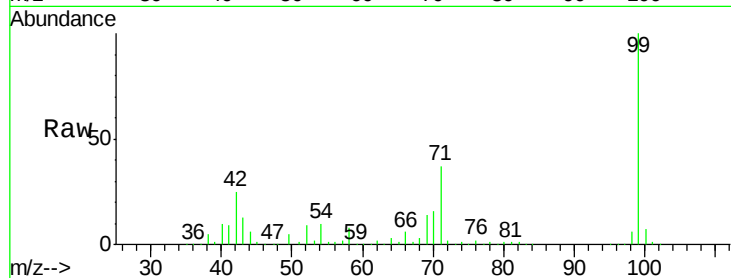
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1682021

Ion	Ratio	Lower	Upper
99	100		
42	25.2	13.6	20.4#
71	36.5	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 6.86 min Scan# 418

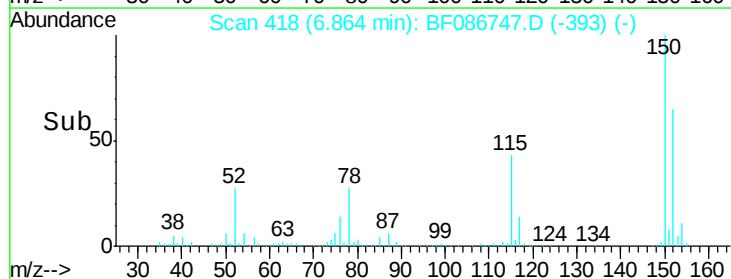
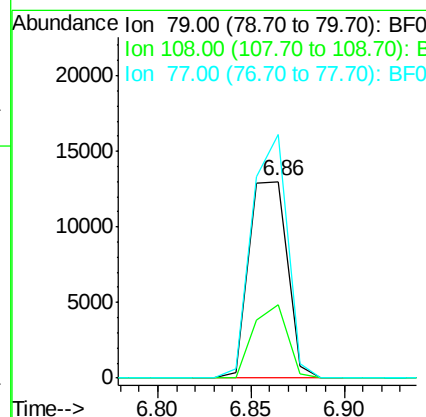
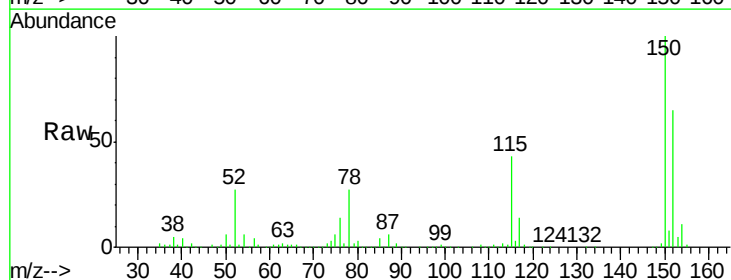
Delta R.T. -0.01 min

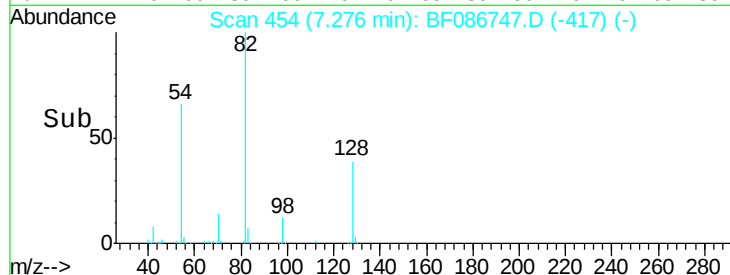
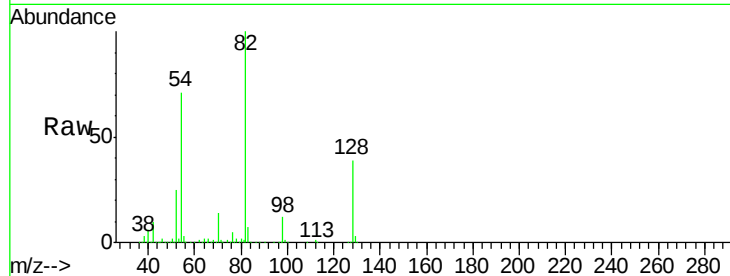
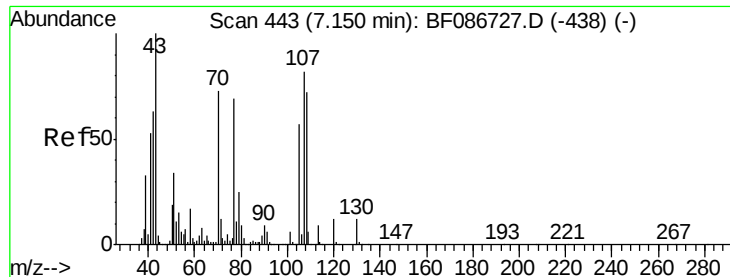
Lab File: BF086747.D

Acq: 7 May 2016 2:18

Tgt Ion: 79 Resp: 18591

Ion	Ratio	Lower	Upper
79	100		
108	37.2	68.4	102.6#
77	124.0	50.6	76.0#

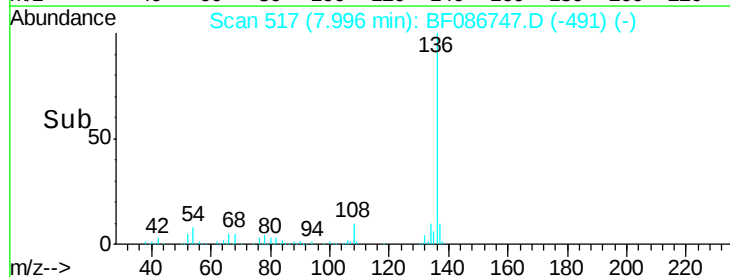
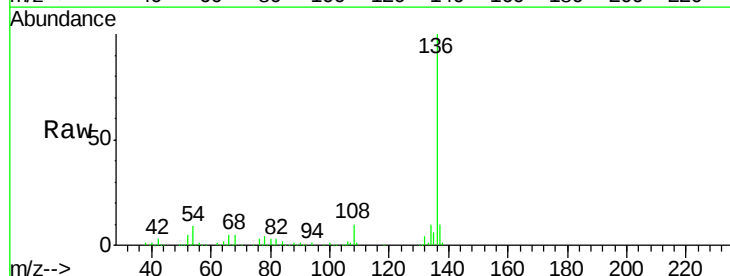
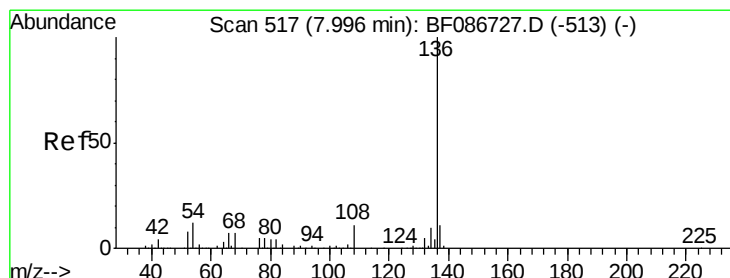
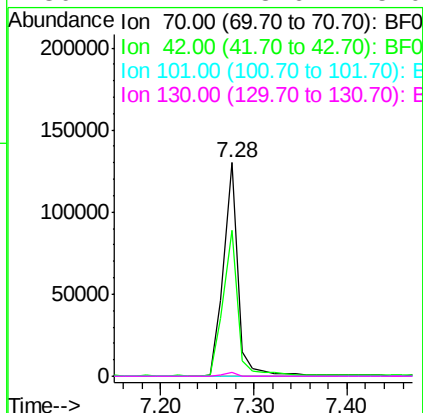




#19
n-Nitroso-di-n-propylamine
Concen: 14.94 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF086747.D
Acq: 7 May 2016 2:18

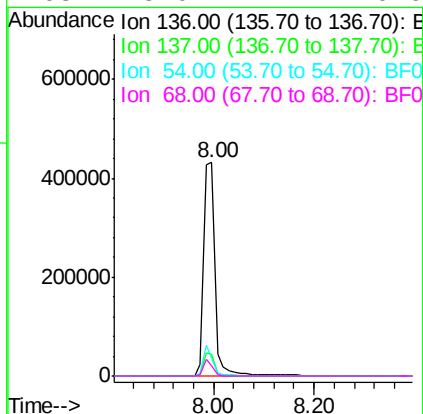
Instrument :
BNA_F
ClientSampleId :

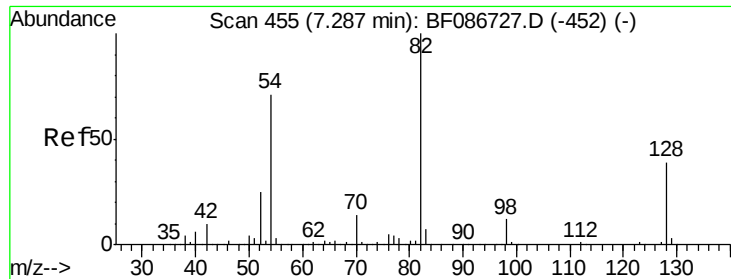
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.4	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086747.D
Acq: 7 May 2016 2:18

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	8.6	5.0	7.4#
68	5.0	4.4	6.6

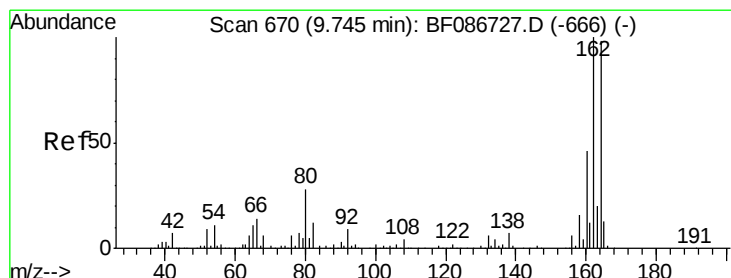
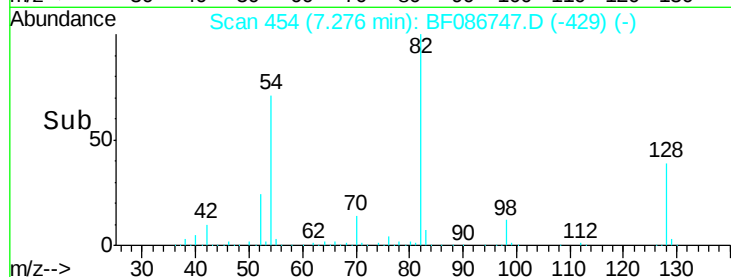
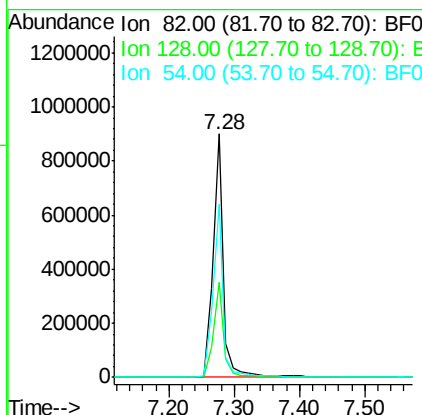
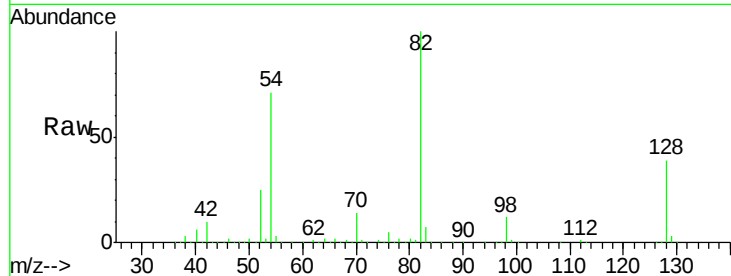




#23
Nitrobenzene-d5
Concen: 75.98 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086747.D
Acq: 7 May 2016 2:18

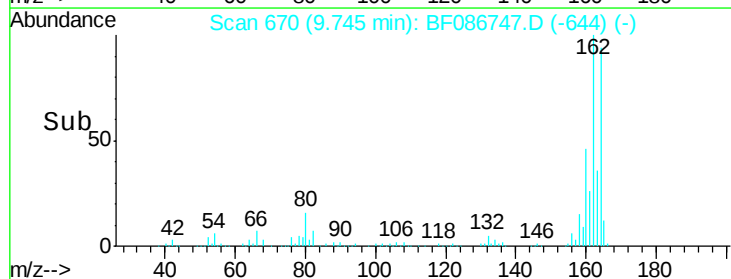
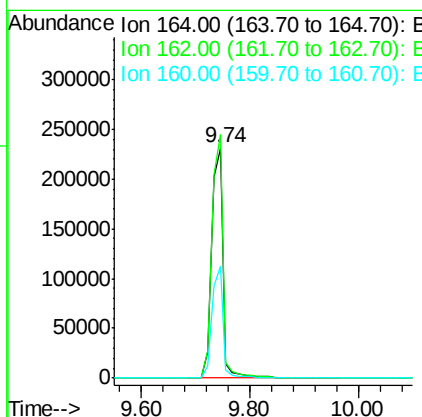
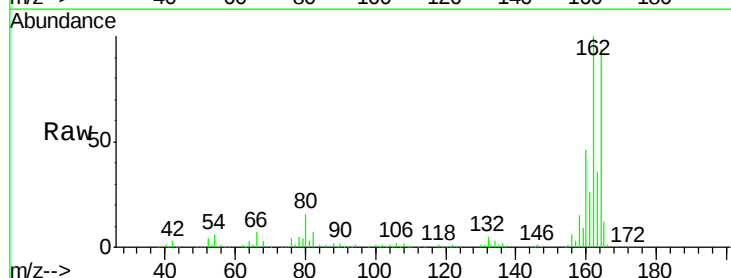
Instrument :
BNA_F
ClientSampleId :

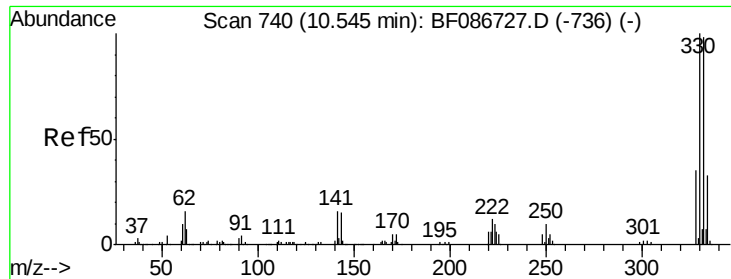
Tot Ion: 82 Resp: 1015821
Ion Ratio Lower Upper
82 100
128 39.0 40.6 61.0#
54 71.0 38.1 57.1#



#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086747.D
Acq: 7 May 2016 2:18

Tgt Ion:164 Resp: 342941
Ion Ratio Lower Upper
164 100
162 106.0 82.8 124.2
160 48.4 36.9 55.3

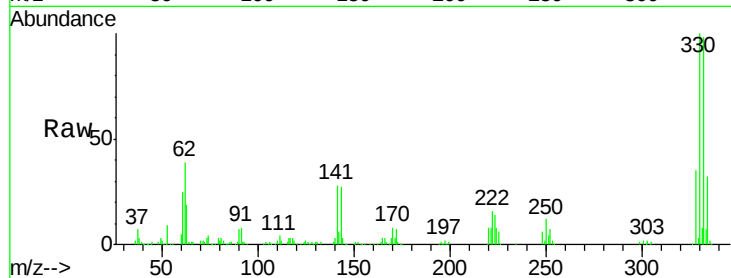




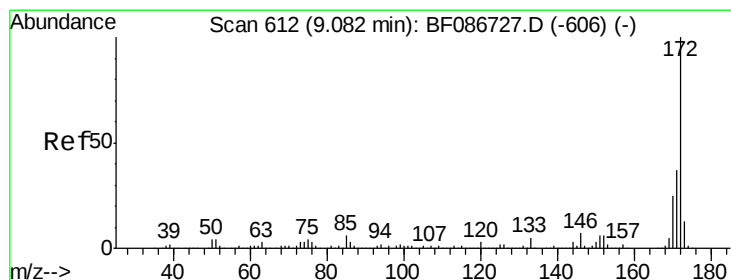
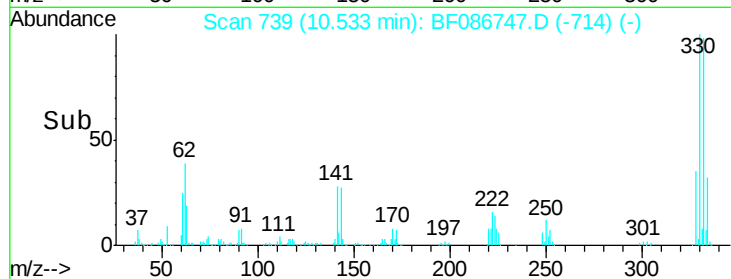
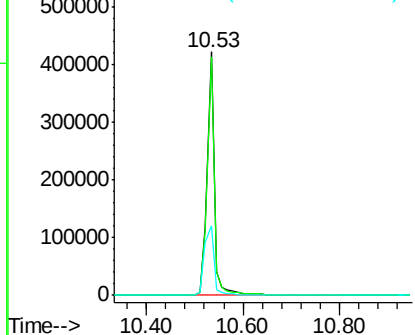
#41
 2,4,6-Tribromophenol
 Concen: 132.43 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086747.D
 Acq: 7 May 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 444263
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.0 118.4
 141 38.1 31.2 46.8

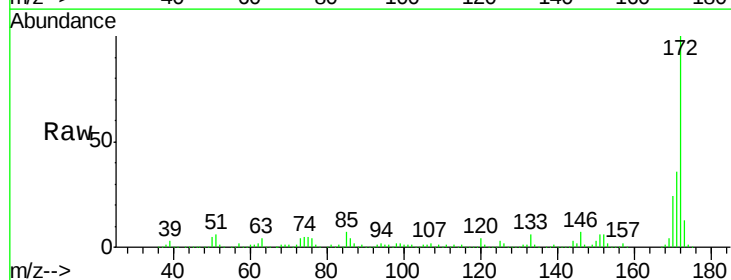


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

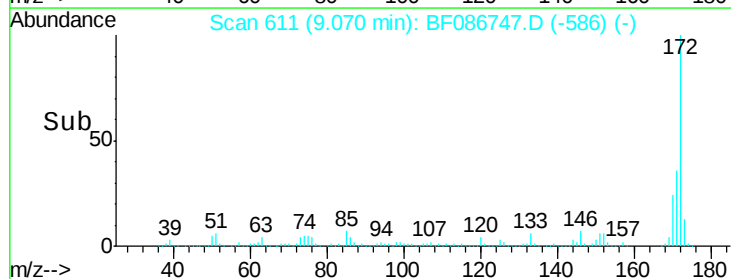
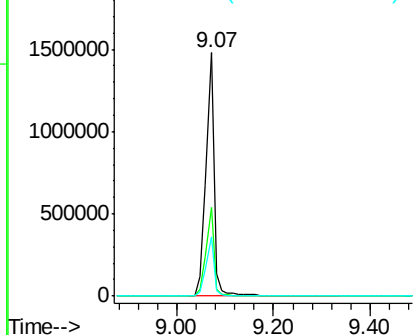


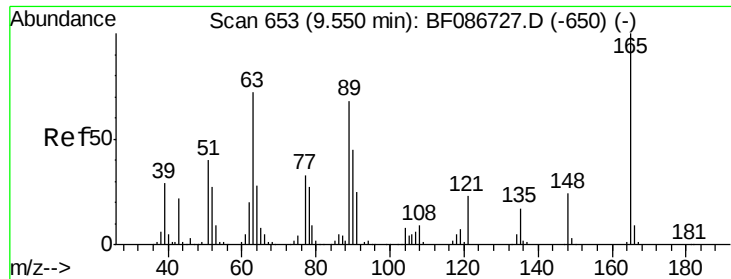
#44
 2-Fluorobiphenyl
 Concen: 83.62 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086747.D
 Acq: 7 May 2016 2:18

Tgt Ion:172 Resp: 1749457
 Ion Ratio Lower Upper
 172 100
 171 36.3 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: 7.76 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.19 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

Instrument :

BNA_F

ClientSampleId :

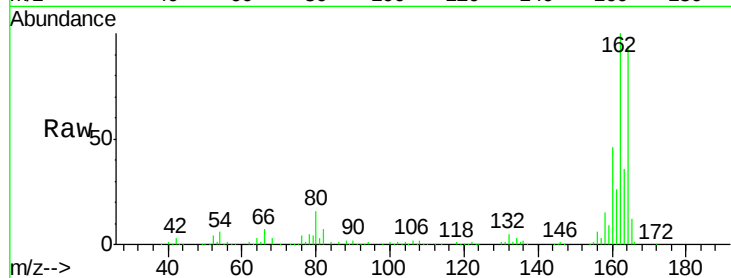
Tot Ion:165 Resp: 42554

Ion Ratio Lower Upper

165 100

63 1.9 51.8 77.8#

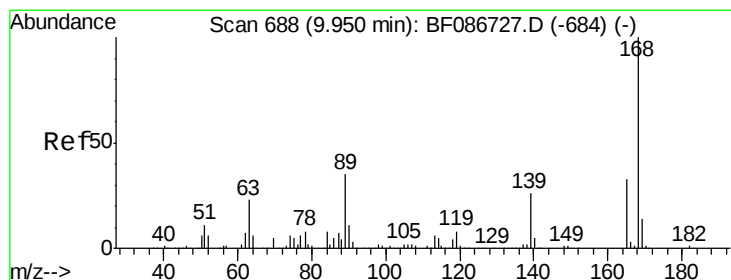
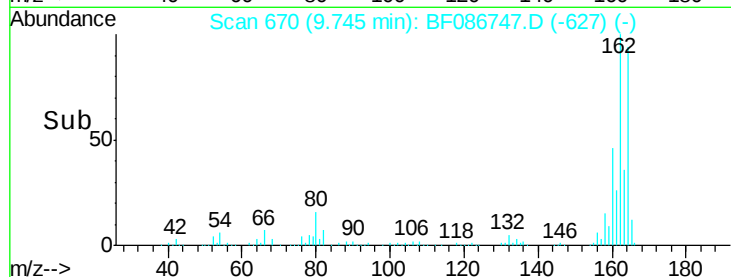
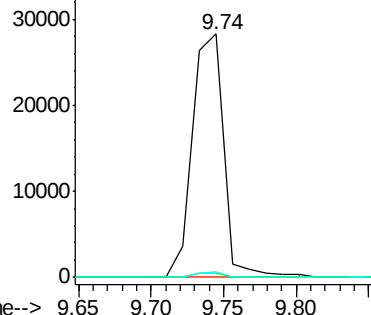
89 2.2 50.7 76.1#



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: 6.26 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.21 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

Tgt Ion:165 Resp: 42556

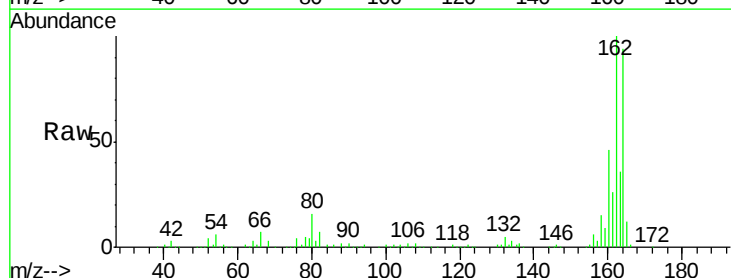
Ion Ratio Lower Upper

165 100

63 1.9 44.3 66.5#

89 2.2 70.0 105.0#

182 0.0 1.8 2.6#

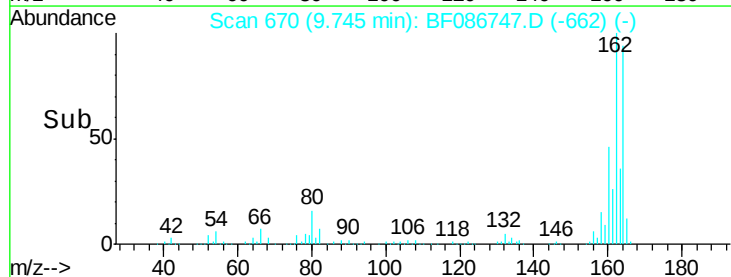
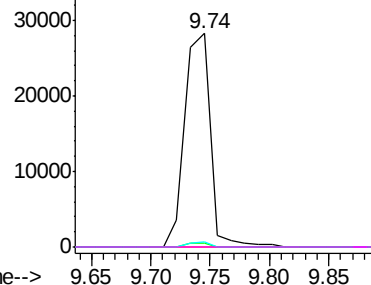


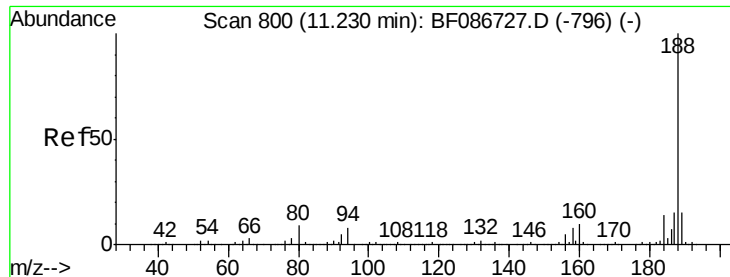
Abundance Ion 165.00 (164.70 to 165.70): E

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

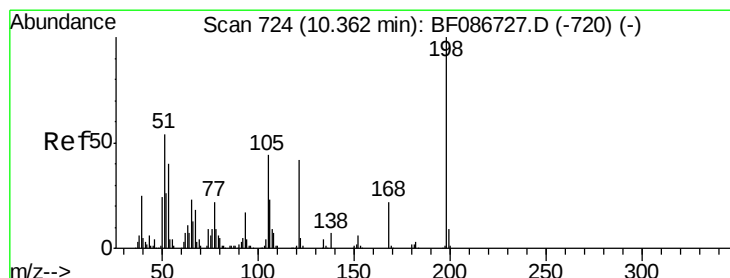
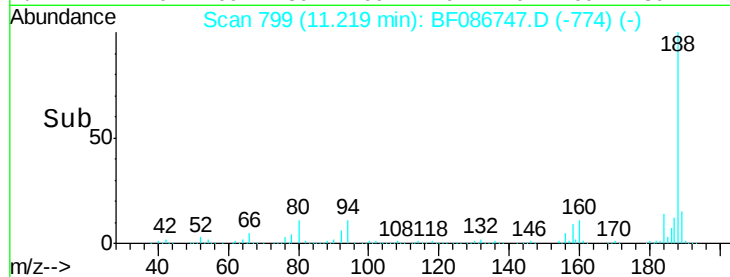
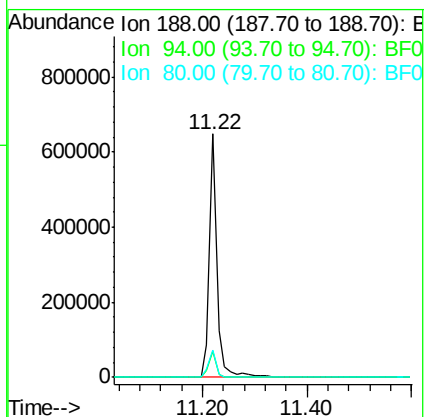
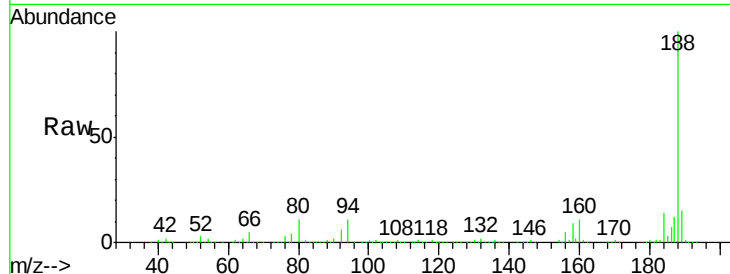




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF086747.D
Acq: 7 May 2016 2:18

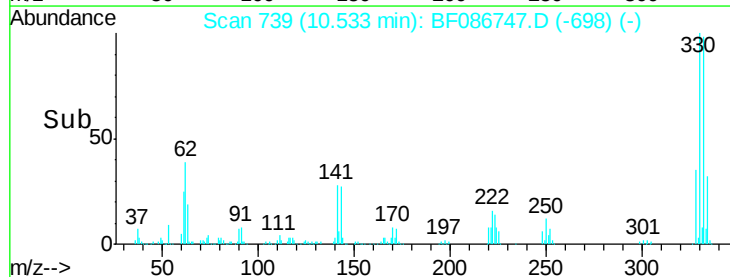
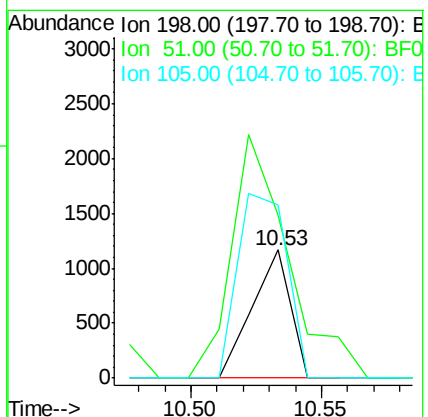
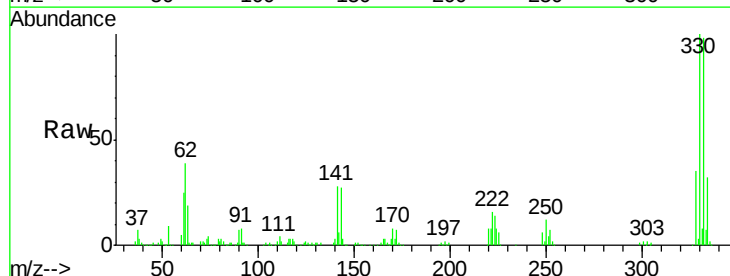
Instrument :
BNA_F
ClientSampleId :

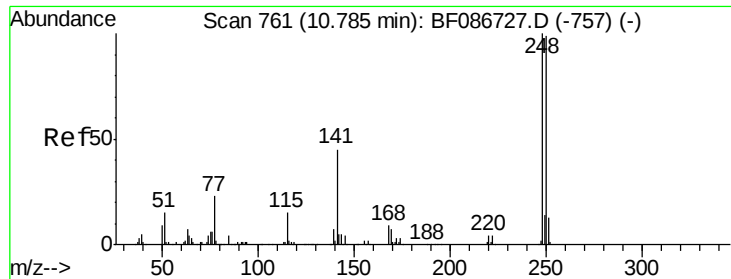
Tot Ion:188 Resp: 654500
Ion Ratio Lower Upper
188 100
94 10.6 6.8 10.2#
80 11.4 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.62 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.17 min
Lab File: BF086747.D
Acq: 7 May 2016 2:18

Tgt Ion:198 Resp: 1200
Ion Ratio Lower Upper
198 100
51 126.6 20.5 60.5#
105 135.0 24.5 64.5#

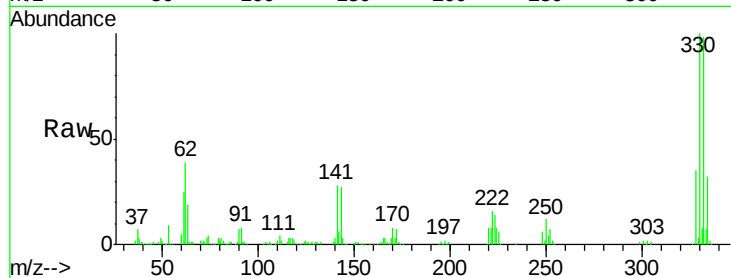




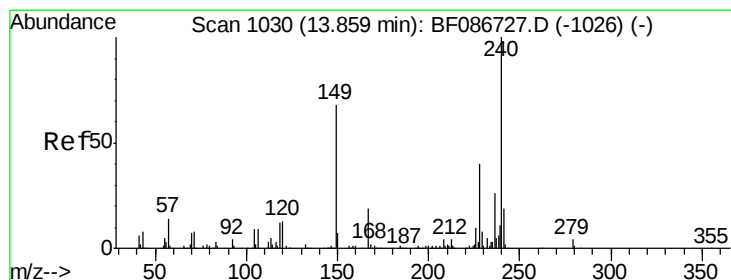
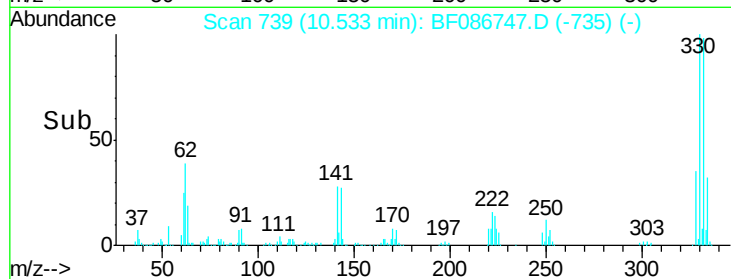
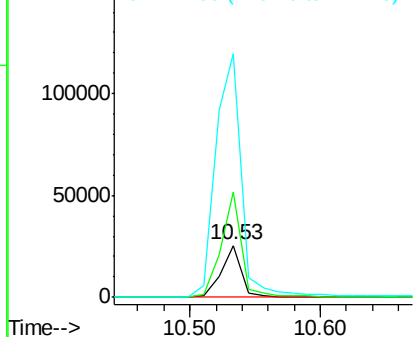
#66
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.25 min
Lab File: BF086747.D
Acq: 7 May 2016 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 28058
Ion Ratio Lower Upper
248 100
250 201.4 78.6 117.8#
141 466.9 76.0 114.0#

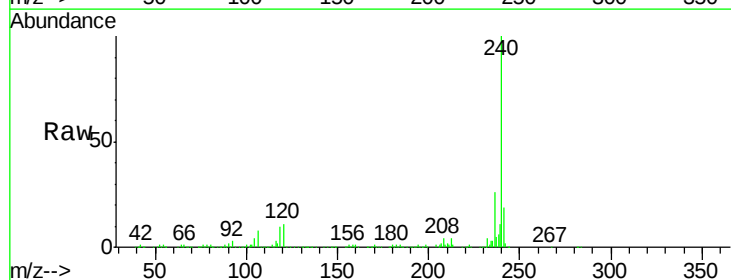


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

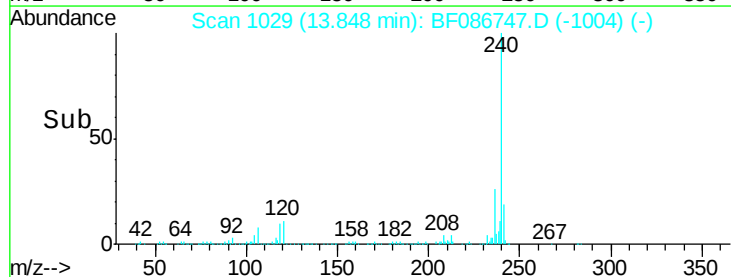
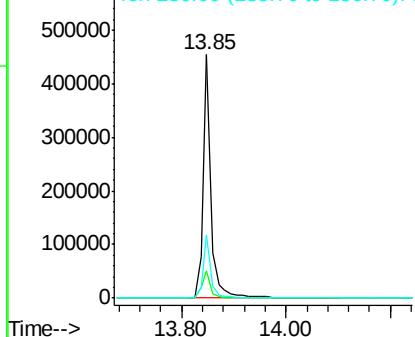


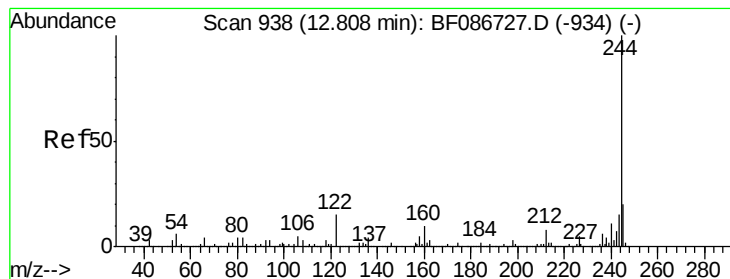
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF086747.D
Acq: 7 May 2016 2:18

Tgt Ion:240 Resp: 480694
Ion Ratio Lower Upper
240 100
120 11.3 11.2 16.8
236 25.9 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: 67.26 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

Instrument :

BNA_F

ClientSampleId :

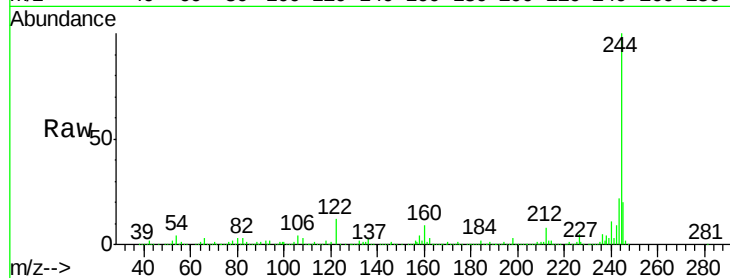
Tot Ion:244 Resp: 1599661

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

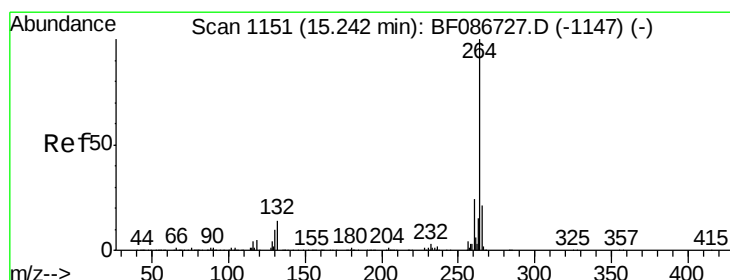
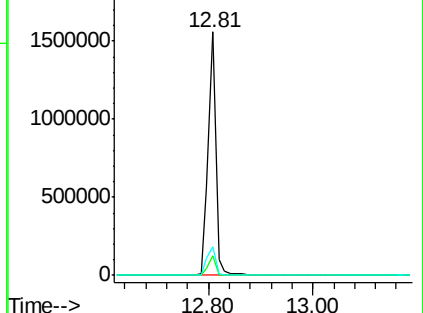
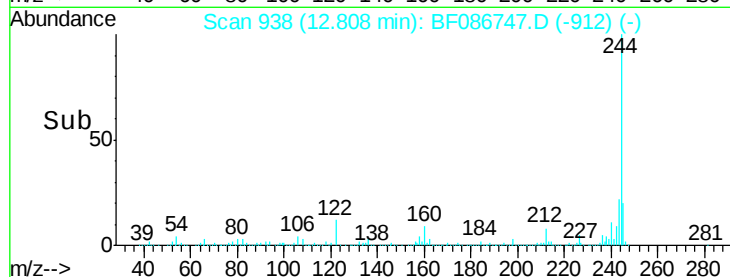
122 11.9 12.0 18.0#



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: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

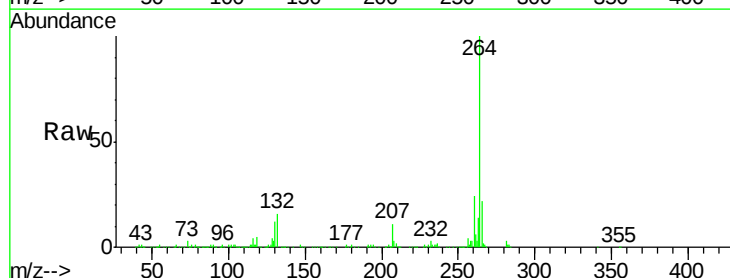
Tgt Ion:264 Resp: 345893

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

