

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086860.D
 Acq On : 10 May 2016 15:25
 Operator : UM/SJ
 Sample : H2895-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

Quant Time: May 11 03:41:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

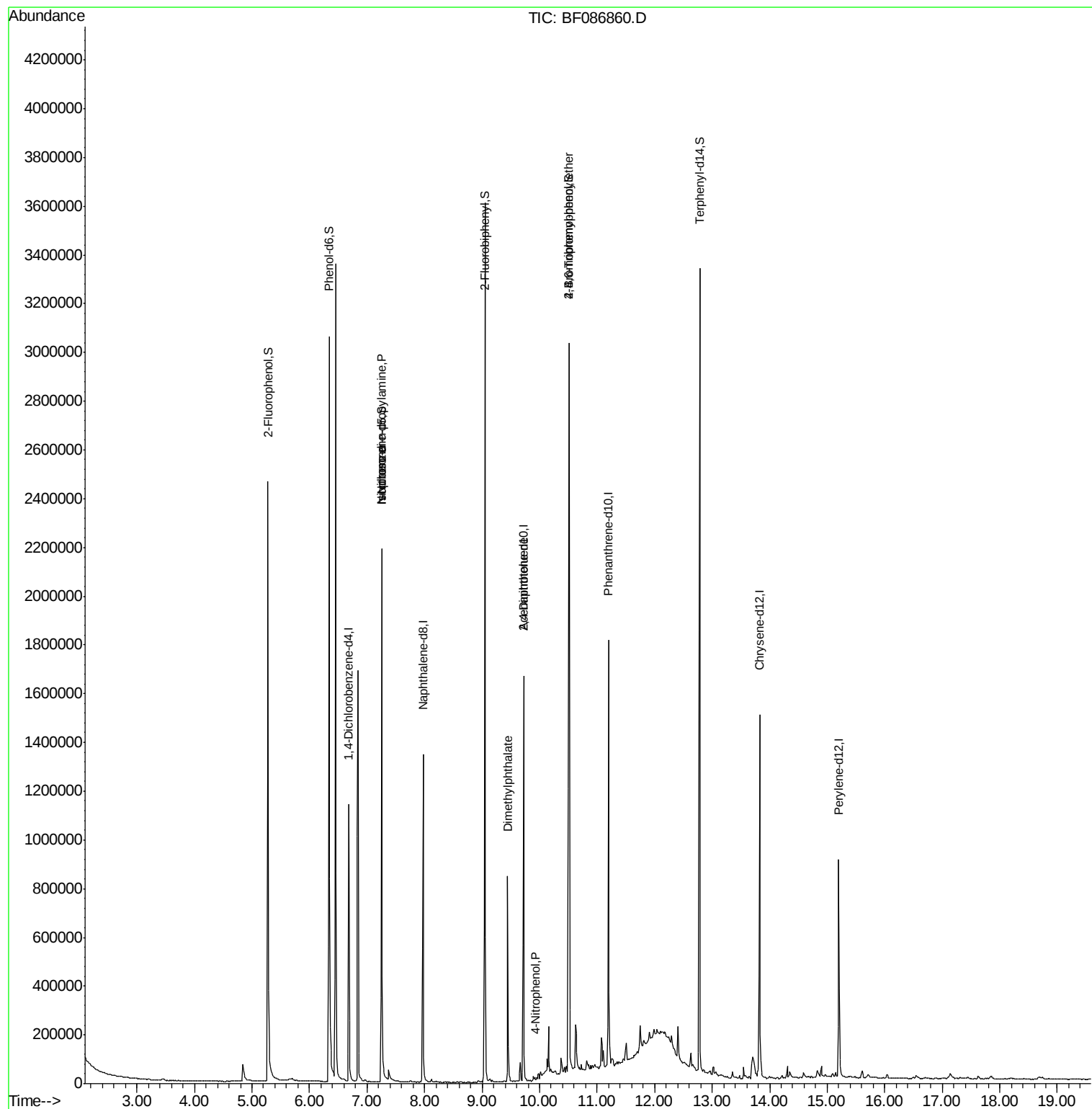
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	157953	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	657063	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	330616	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	595114	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	501700	20.00	ng	-0.01
86) Perylene-d12	15.20	264	382995	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	781474	83.79	ng	-0.01
7) Phenol-d6	6.34	99	1056674	84.77	ng	-0.02
23) Nitrobenzene-d5	7.25	82	689264	52.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	340562	97.30	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1059159	53.84	ng	-0.01
78) Terphenyl-d14	12.79	244	1148921	48.59	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	96222	11.05	ng	# 71
25) Isophorone	7.25	82	601452	24.77	ng	# 68
49) Dimethylphthalate	9.45	163	295204	11.70	ng	100
55) 4-Nitrophenol	9.93	139	290	4.63	ng	# 14
56) 2,4-Dinitrotoluene	9.72	165	41116	6.26	ng	# 16
66) 4-Bromophenyl-phenylether	10.51	248	22025	3.65	ng	# 1

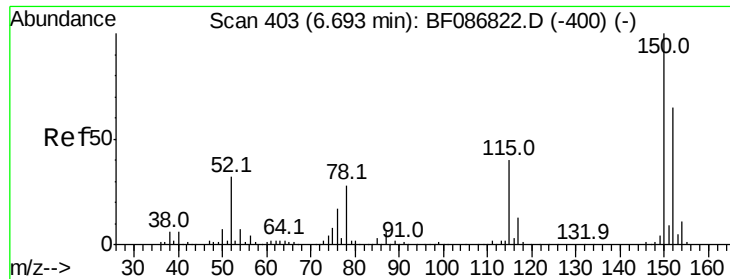
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086860.D

Acq: 10 May 2016 15:25

Instrument :

BNA_F

ClientSampleId :

TP4-6-7FT

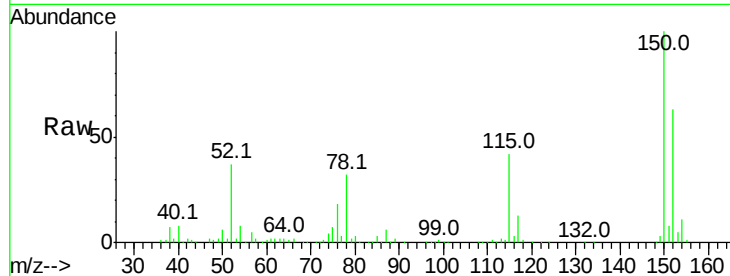
Tot Ion:152 Resp: 157953

Ion Ratio Lower Upper

152 100

150 157.7 125.8 188.6

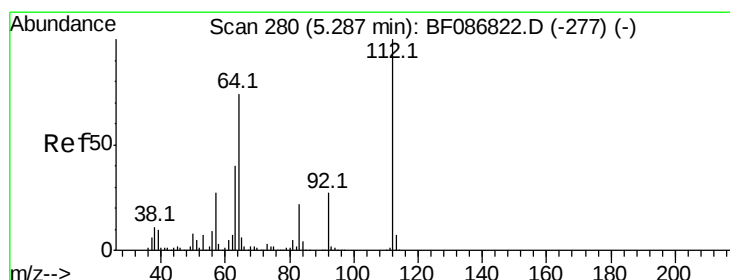
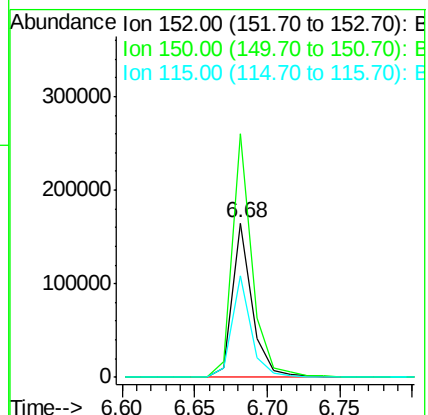
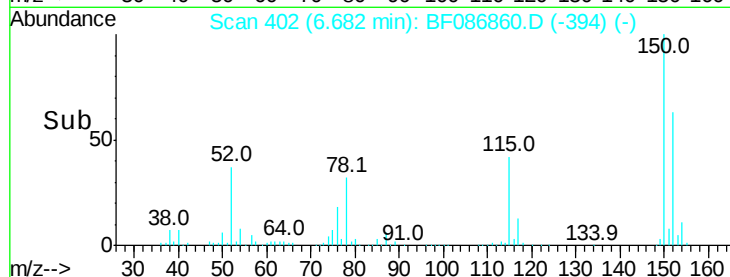
115 66.1 51.5 77.3



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: 83.79 ng

RT: 5.28 min Scan# 279

Delta R.T. -0.01 min

Lab File: BF086860.D

Acq: 10 May 2016 15:25

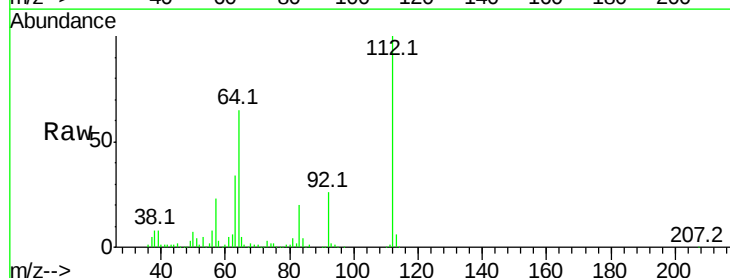
Tgt Ion:112 Resp: 781474

Ion Ratio Lower Upper

112 100

64 64.5 52.1 78.1

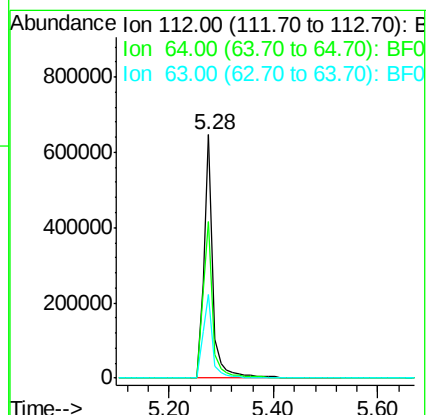
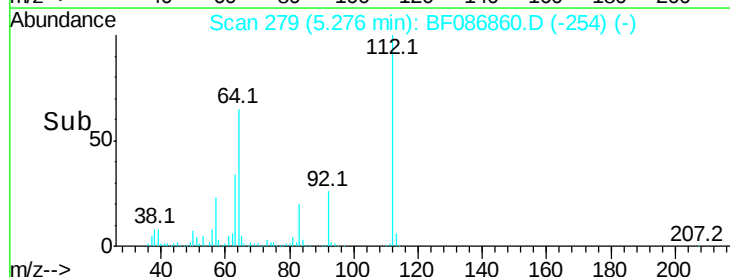
63 34.3 25.7 38.5

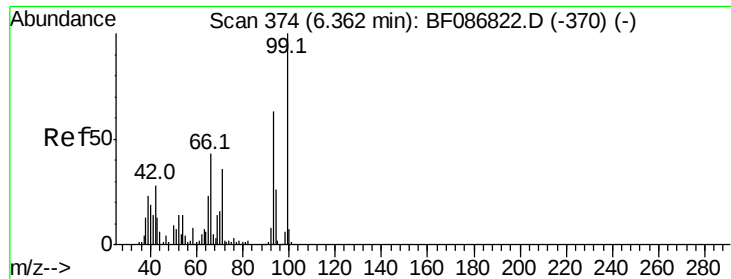


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.77 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF086860.D

Acq: 10 May 2016 15:25

Instrument :

BNA_F

ClientSampleId :

TP4-6-7FT

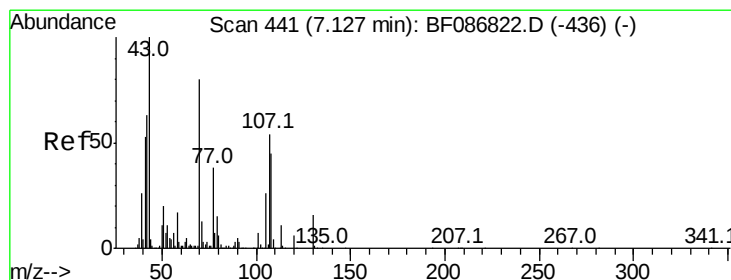
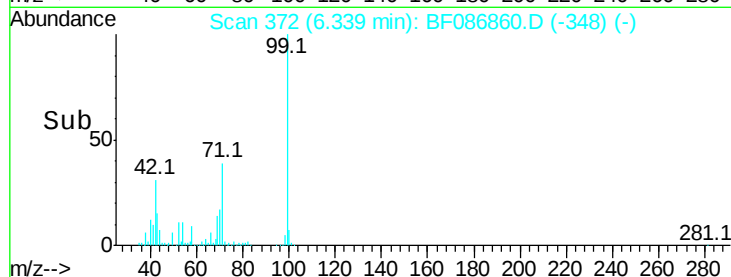
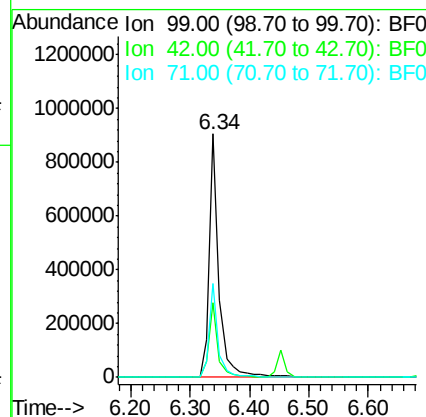
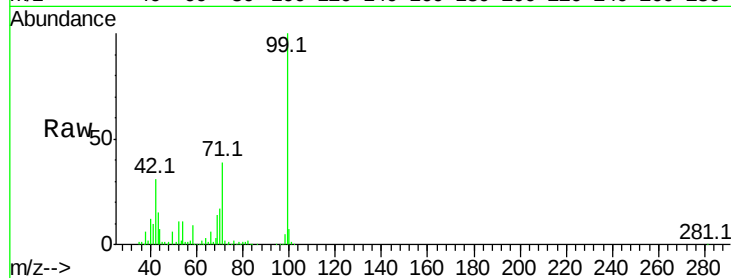
Tot Ion: 99 Resp: 1056674

Ion Ratio Lower Upper

99 100

42 30.8 13.6 20.4#

71 38.6 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 11.05 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.13 min

Lab File: BF086860.D

Acq: 10 May 2016 15:25

Tgt Ion: 70 Resp: 96222

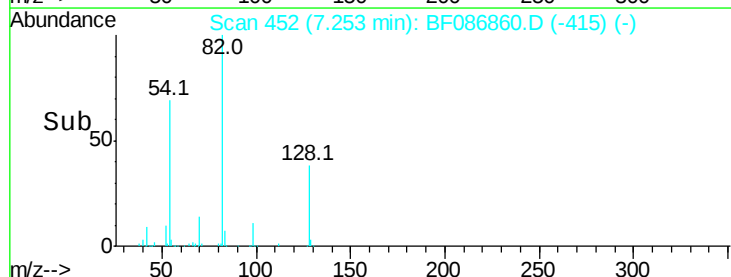
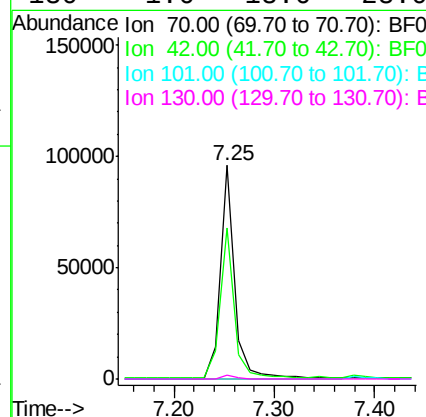
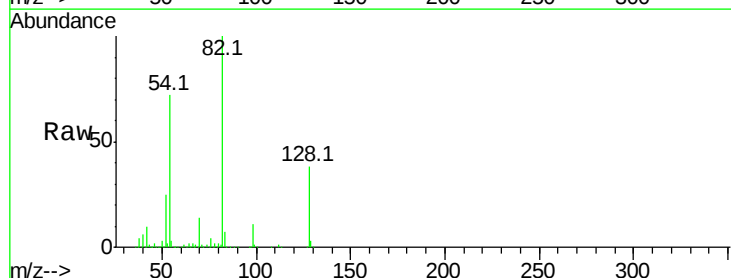
Ion Ratio Lower Upper

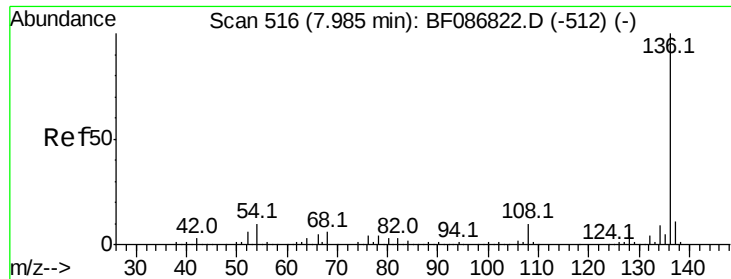
70 100

42 70.5 43.1 64.7#

101 0.0 8.1 12.1#

130 1.6 18.6 28.0#

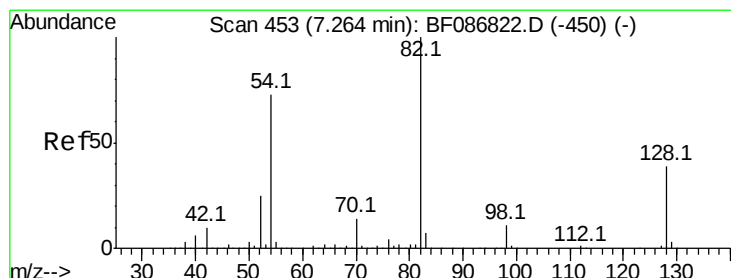
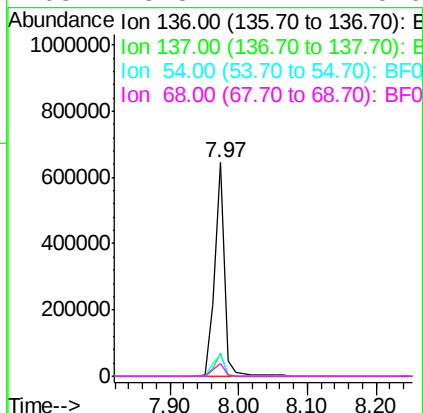
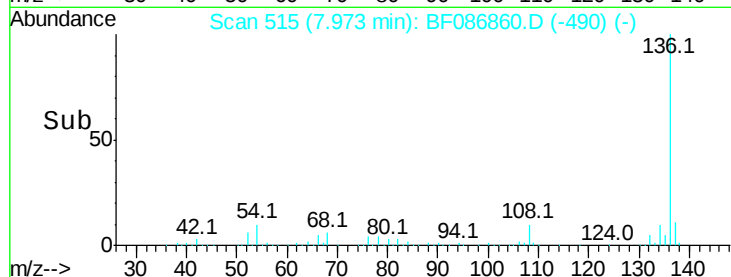
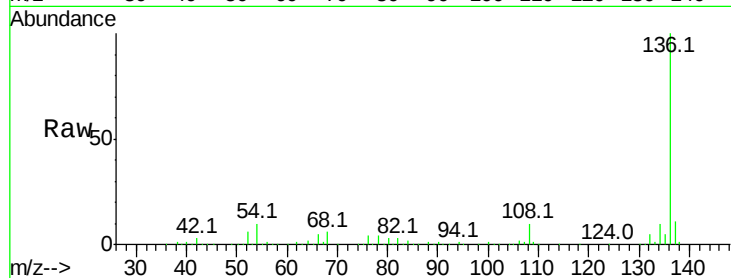




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086860.D
Acq: 10 May 2016 15:25

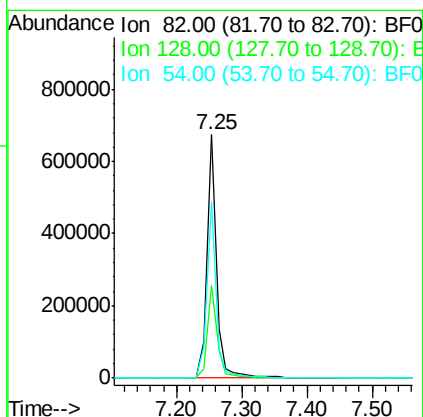
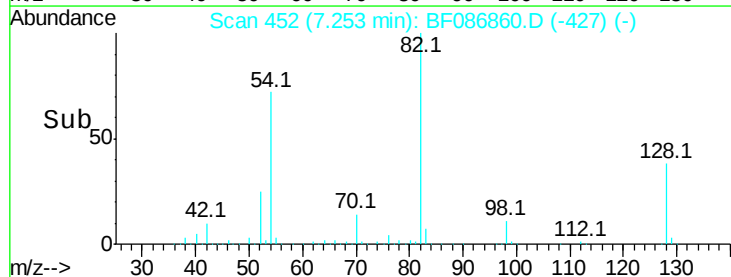
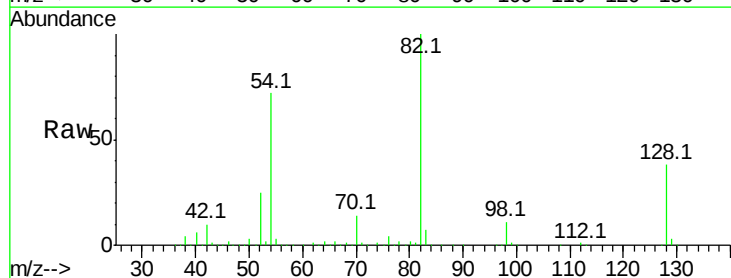
Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

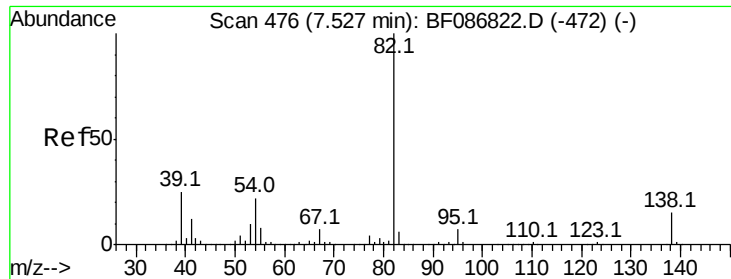
Tot Ion:	136	Resp:	657063
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.0	5.0	7.4#
68	5.8	4.4	6.6



#23
Nitrobenzene-d5
Concen: 52.67 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086860.D
Acq: 10 May 2016 15:25

Tgt Ion:	82	Resp:	689264
Ion	Ratio	Lower	Upper
82	100		
128	37.9	40.6	61.0#
54	72.0	38.1	57.1#





#25

Isophorone

Concen: 24.77 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.27 min

Lab File: BF086860.D

Acq: 10 May 2016 15:25

Instrument :

BNA_F

ClientSampleId :

TP4-6-7FT

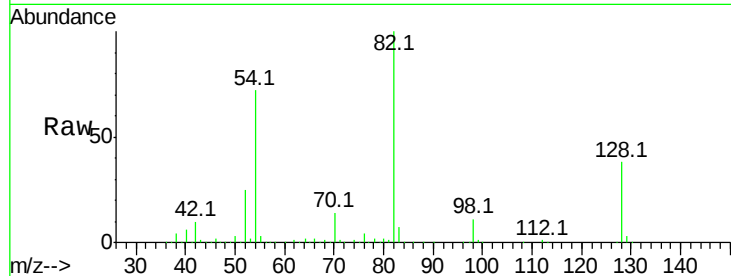
Tot Ion: 82 Resp: 601452

Ion Ratio Lower Upper

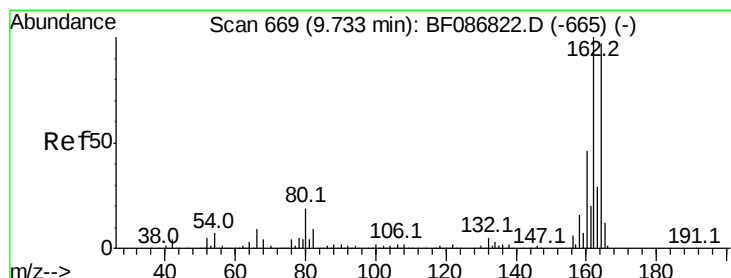
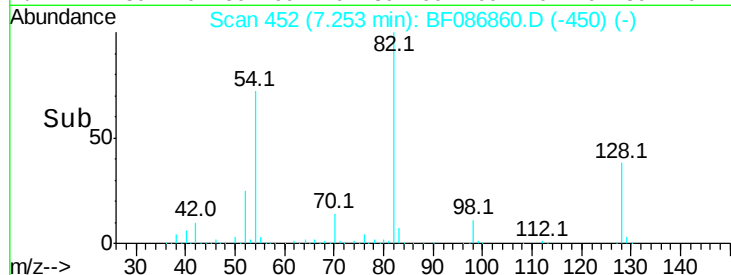
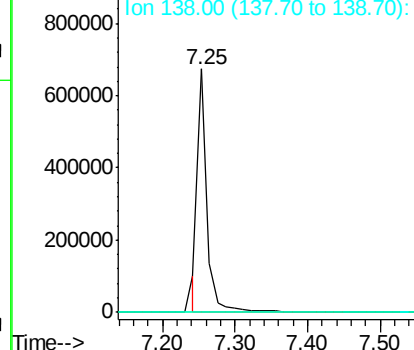
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086860.D

Acq: 10 May 2016 15:25

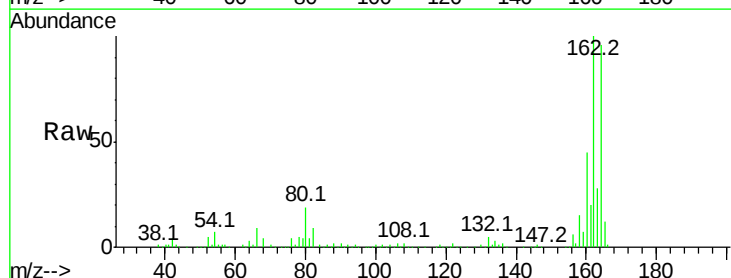
Tgt Ion:164 Resp: 330616

Ion Ratio Lower Upper

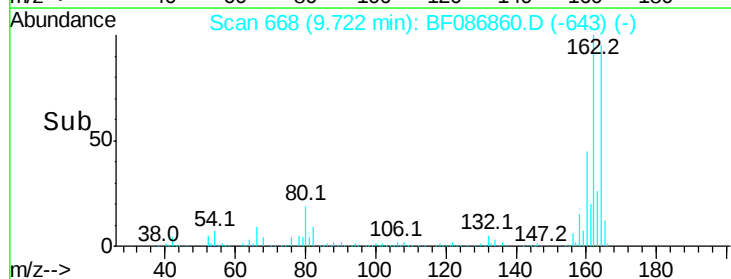
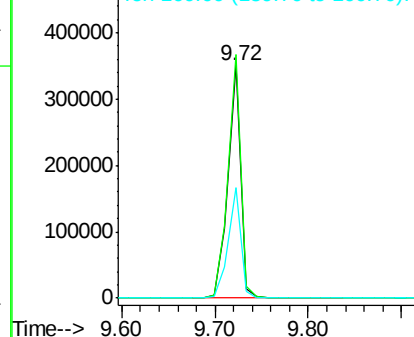
164 100

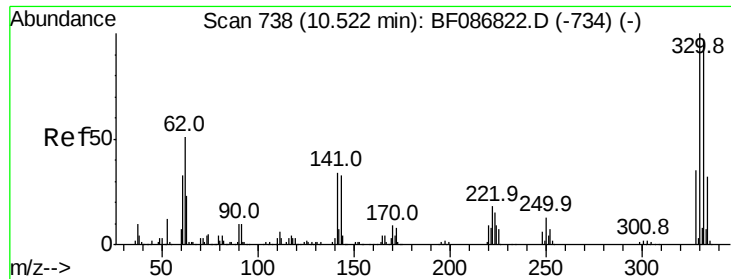
162 104.6 82.8 124.2

160 47.6 36.9 55.3



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

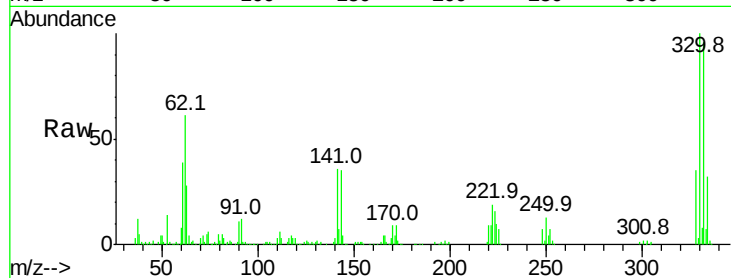




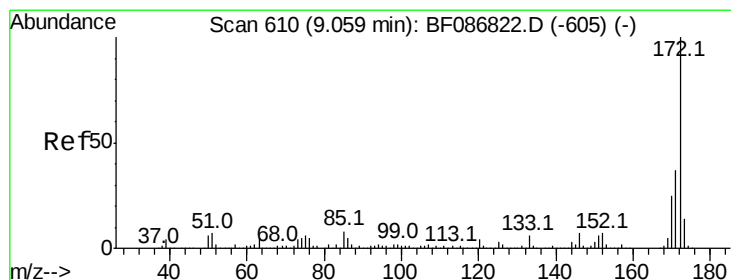
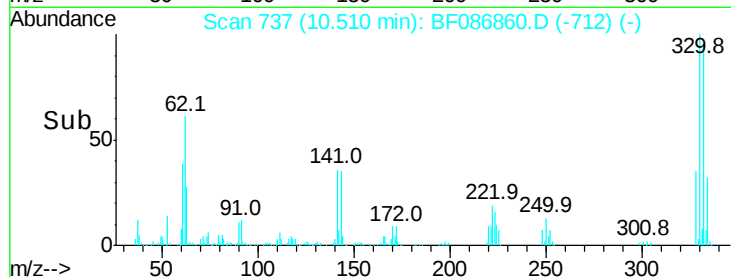
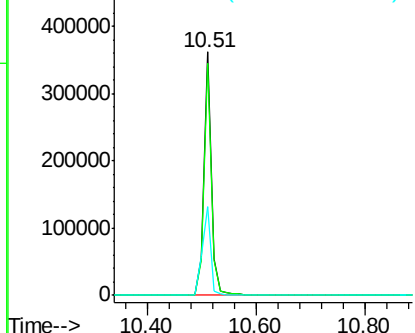
#41
 2,4,6-Tribromophenol
 Concen: 97.30 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086860.D
 Acq: 10 May 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	79.0	118.4
141	40.9	31.2	46.8

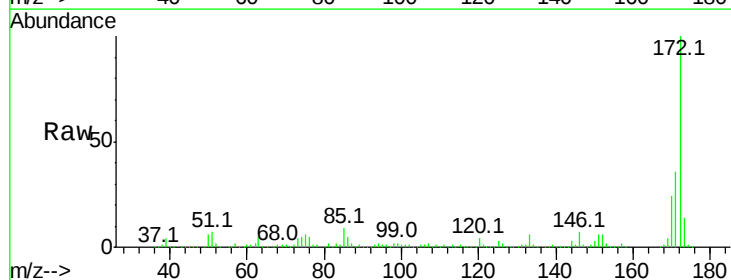


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

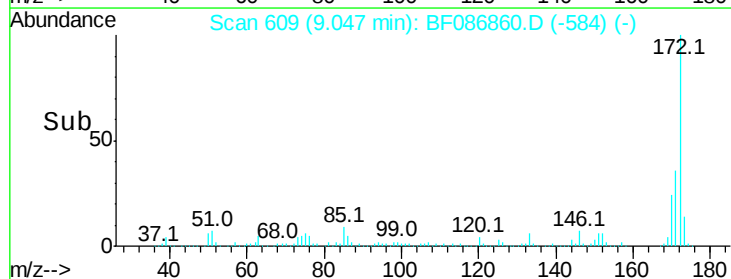
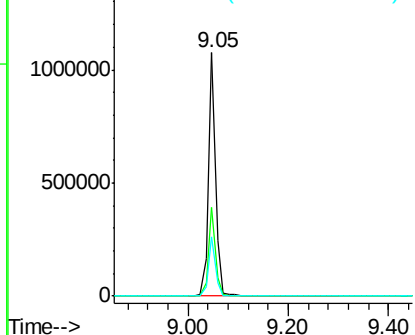


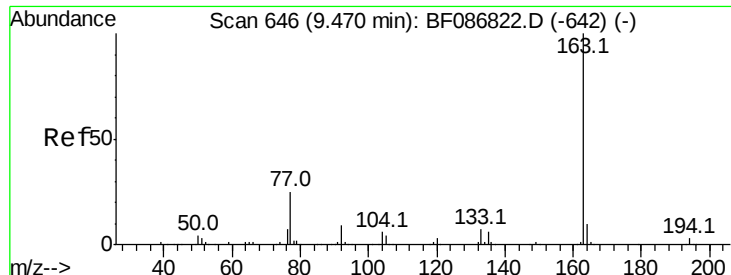
#44
 2-Fluorobiphenyl
 Concen: 53.84 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086860.D
 Acq: 10 May 2016 15:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.5	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





#49

Dimethylphthalate

Concen: 11.70 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF086860.D

Acq: 10 May 2016 15:25

Instrument :

BNA_F

ClientSampleId :

TP4-6-7FT

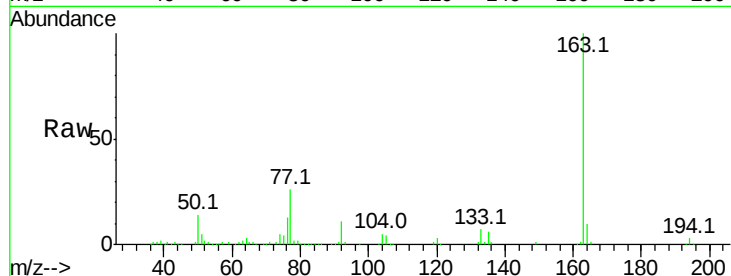
Tot Ion:163 Resp: 295204

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

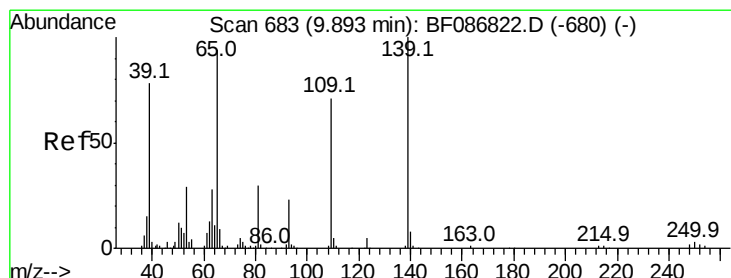
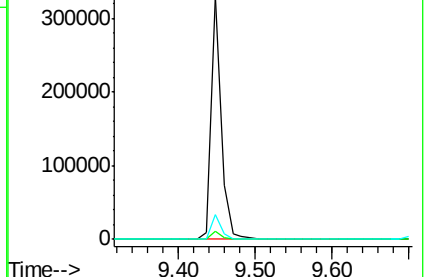
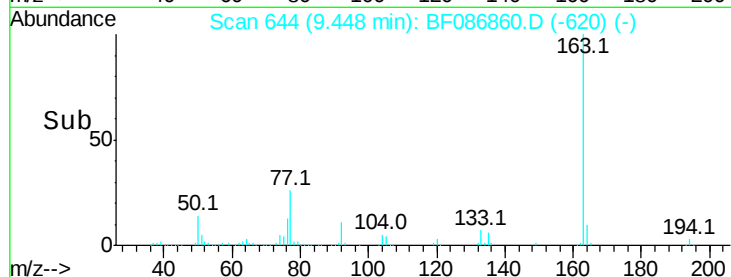
164 10.2 8.2 12.4



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



#55

4-Nitrophenol

Concen: 4.63 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.03 min

Lab File: BF086860.D

Acq: 10 May 2016 15:25

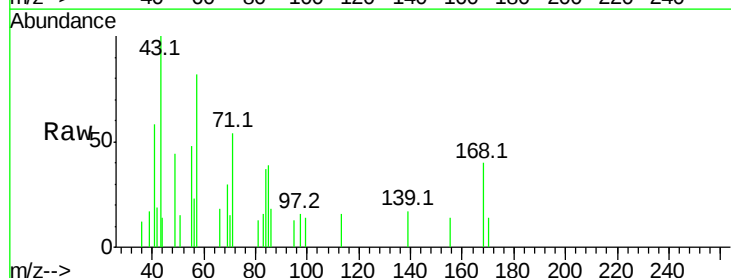
Tgt Ion:139 Resp: 290

Ion Ratio Lower Upper

139 100

109 0.0 36.9 76.9#

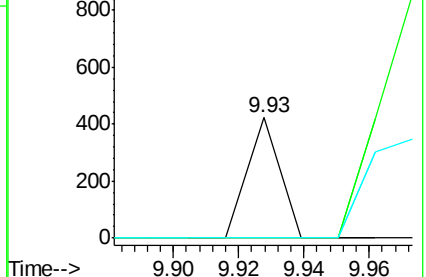
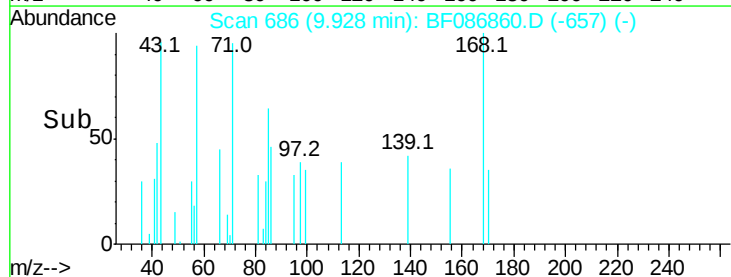
65 0.0 64.0 104.0#

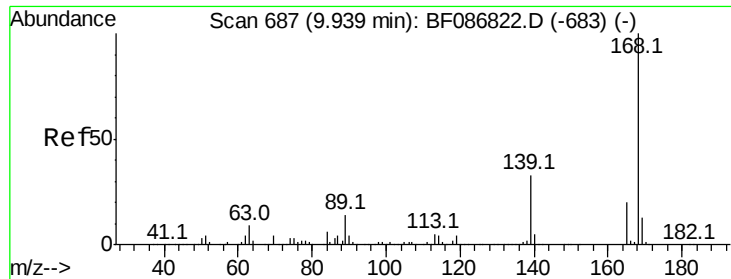


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

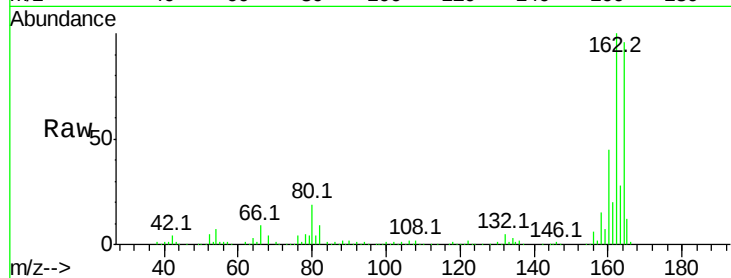




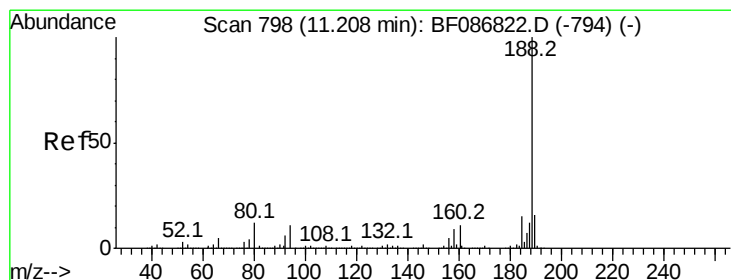
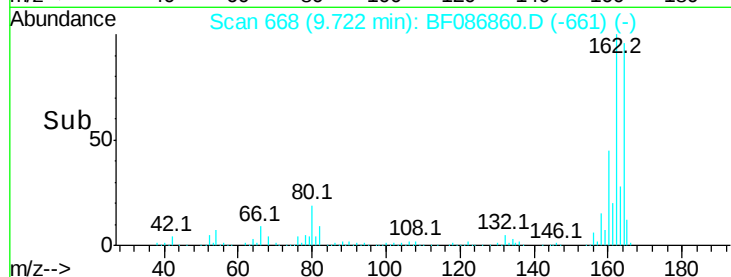
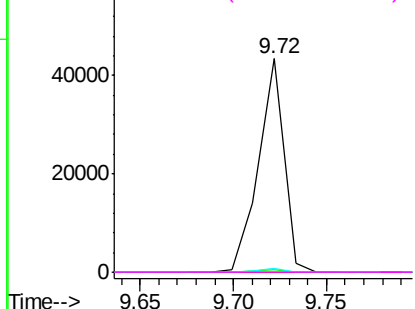
#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.22 min
 Lab File: BF086860.D
 Acq: 10 May 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

Tot Ion:165 Resp: 41116
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.3 66.5#
 89 1.9 70.0 105.0#
 182 0.0 1.8 2.6#

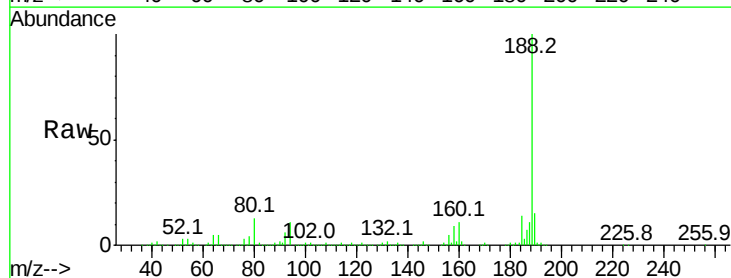


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

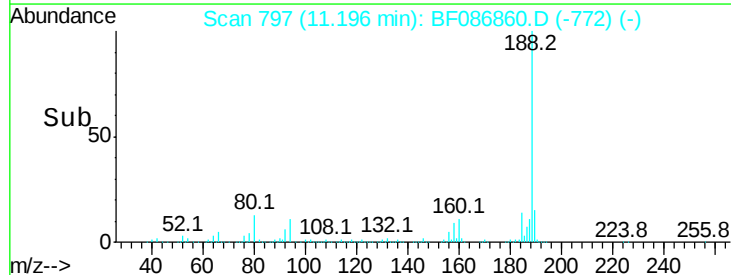
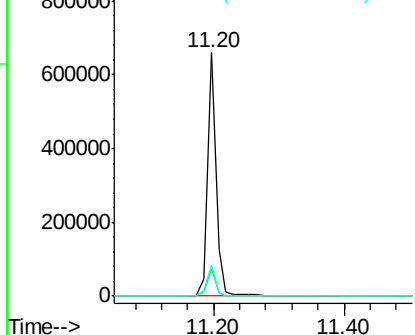


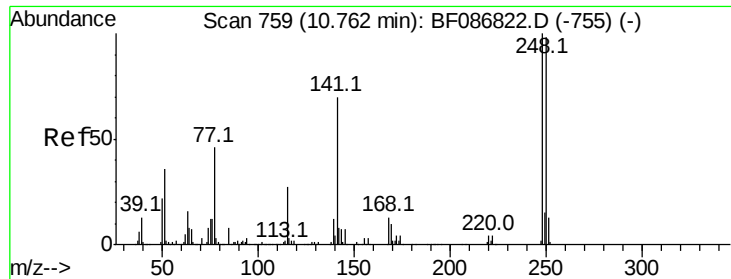
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF086860.D
 Acq: 10 May 2016 15:25

Tgt Ion:188 Resp: 595114
 Ion Ratio Lower Upper
 188 100
 94 11.5 6.8 10.2#
 80 12.8 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

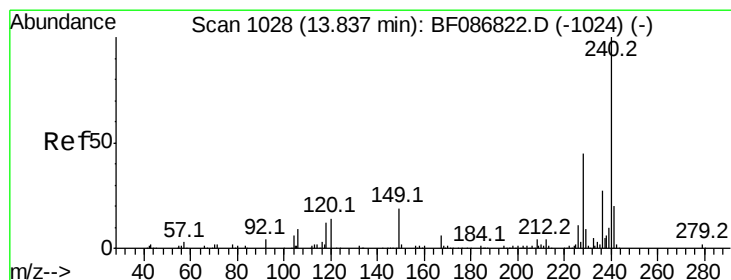
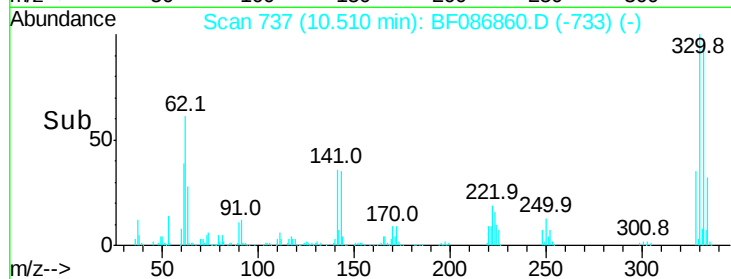
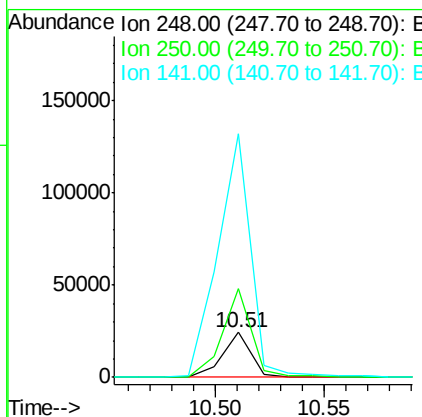
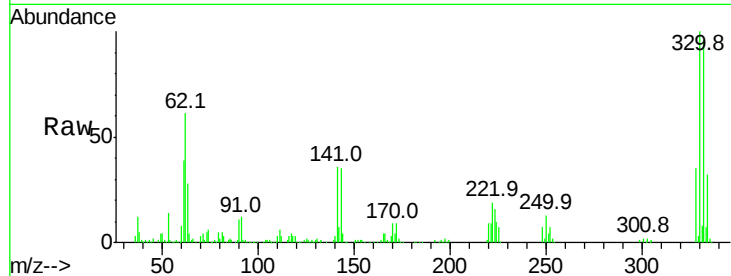




#66
 4-Bromophenyl-phenylether
 Concen: 3.65 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.25 min
 Lab File: BF086860.D
 Acq: 10 May 2016 15:25

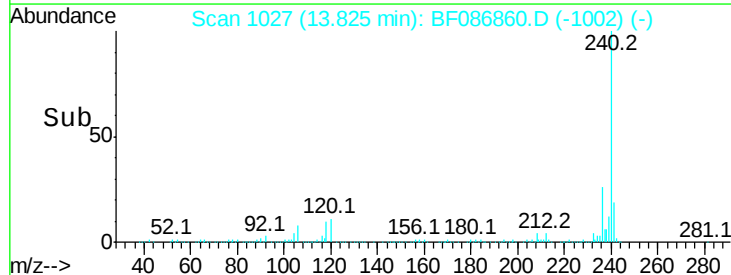
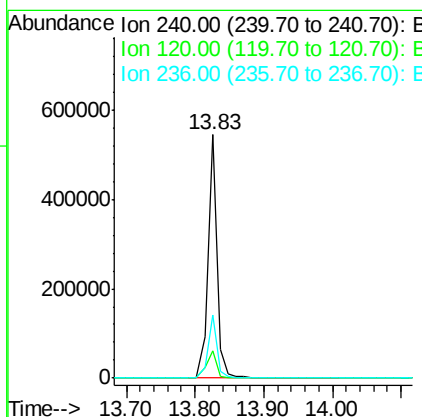
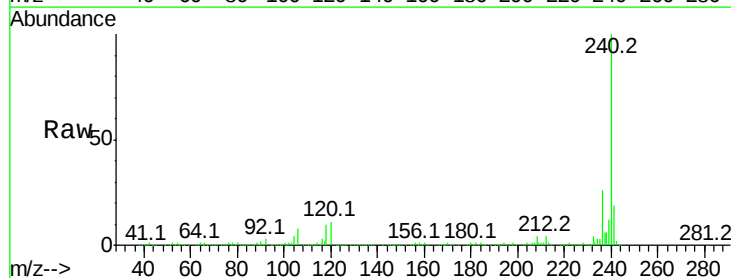
Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

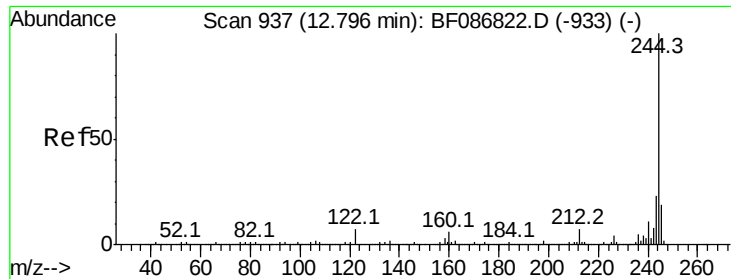
Tot Ion:248 Resp: 22025
 Ion Ratio Lower Upper
 248 100
 250 197.1 78.6 117.8#
 141 544.3 76.0 114.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF086860.D
 Acq: 10 May 2016 15:25

Tgt Ion:240 Resp: 501700
 Ion Ratio Lower Upper
 240 100
 120 11.2 11.2 16.8#
 236 26.1 21.2 31.8

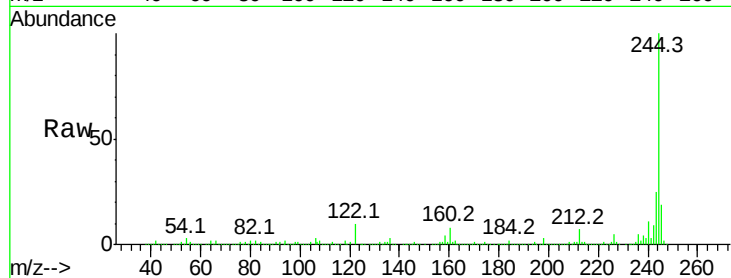




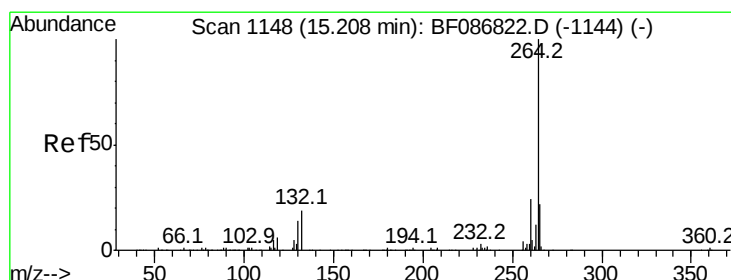
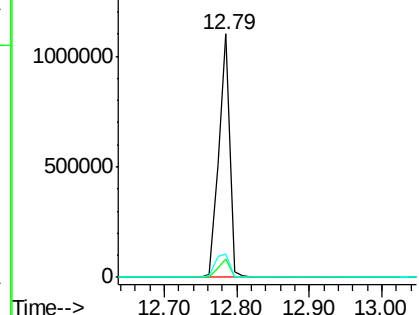
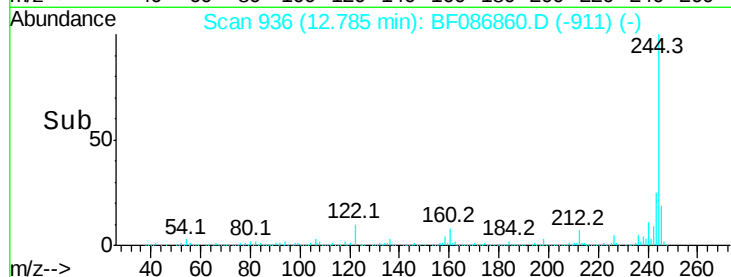
#78
 Terphenyl-d14
 Concen: 48.59 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086860.D
 Acq: 10 May 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

Tot Ion:244 Resp: 1148921
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.9 12.0 18.0#

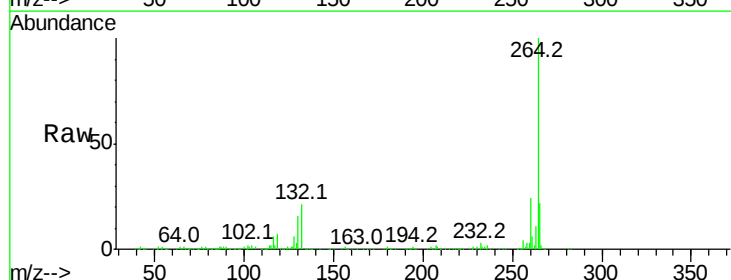


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086860.D
 Acq: 10 May 2016 15:25

Tgt Ion:264 Resp: 382995
 Ion Ratio Lower Upper
 264 100
 260 24.0 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

