

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086542.D
 Acq On : 1 May 2016 00:57
 Operator : UM/SJ
 Sample : H2720-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11D24

Quant Time: May 02 00:44:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

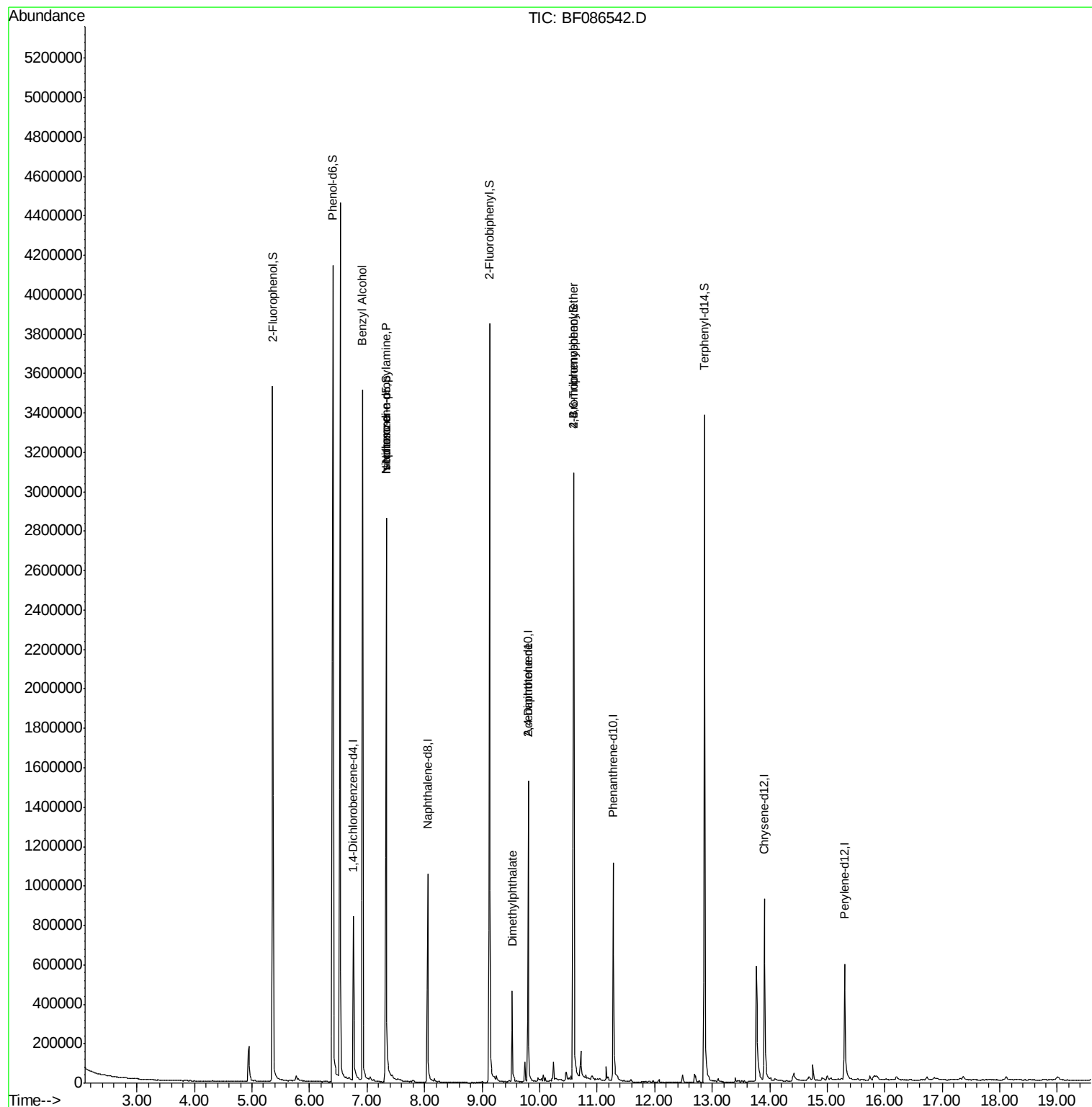
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	137405	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	592935	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	297647	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	564245	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	455207	20.00	ng	-0.06
86) Perylene-d12	15.30	264	340957	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1124501	141.16	ng	-0.03
7) Phenol-d6	6.41	99	1573259	141.50	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1069057	97.18	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	405022	129.03	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1333122	76.69	ng	-0.05
78) Terphenyl-d14	12.87	244	1448590	70.11	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.92	79	16988	2.42	ng	# 43
19) n-Nitroso-di-n-propylamine	7.33	70	144220	19.62	ng	# 78
25) Isophorone	7.33	82	804088	37.98	ng	# 68
49) Dimethylphthalate	9.53	163	243146	10.85	ng	99
56) 2,4-Dinitrotoluene	9.80	165	37962	6.43	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	24579	4.23	ng	# 1

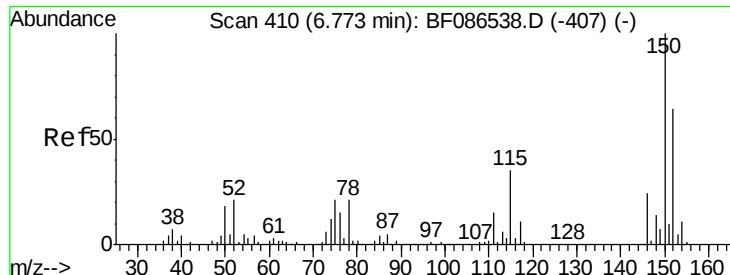
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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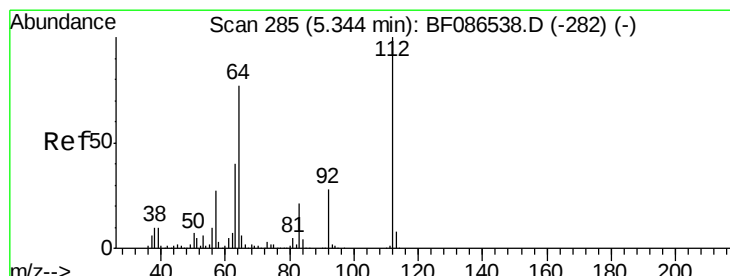
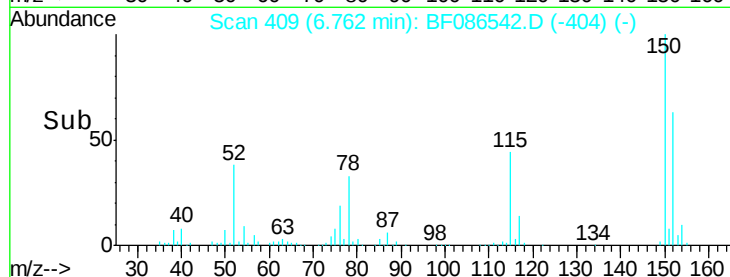
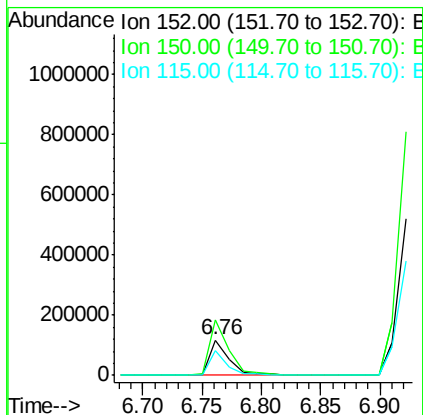
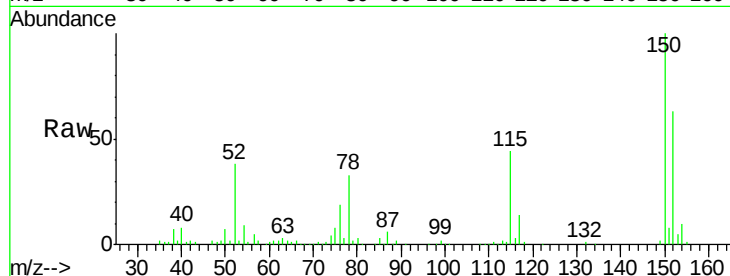


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086542.D
Acq: 1 May 2016 00:57

Instrument :
BNA_F
ClientSampleId :
TP-11D24

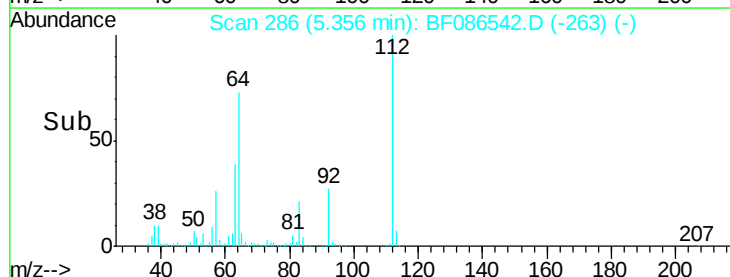
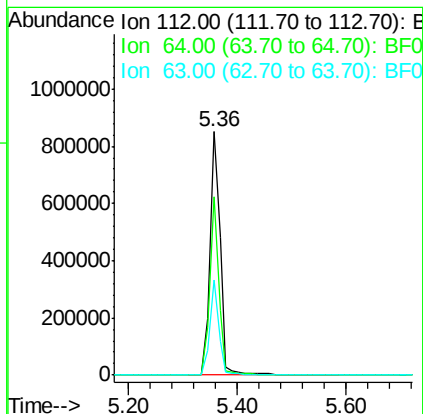
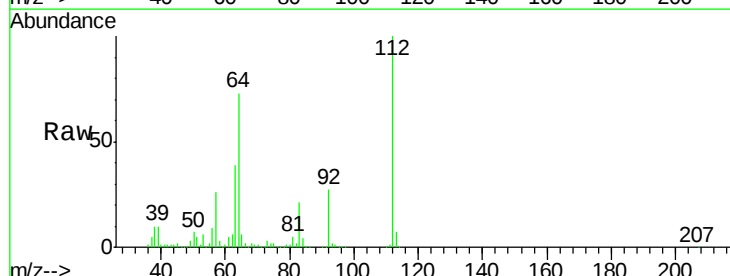
Tgt Ion:152 Resp: 137405
Ion Ratio Lower Upper
152 100
150 159.3 125.8 188.6
115 70.3 51.5 77.3

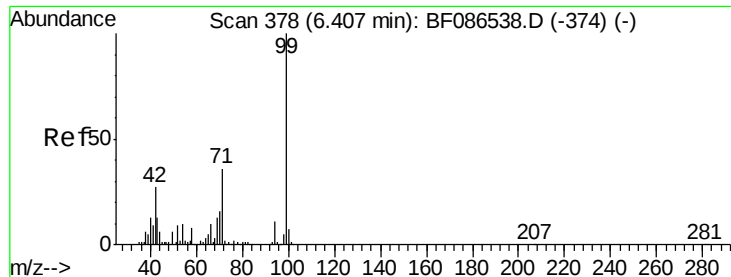


#5

2-Fluorophenol
Concen: 141.16 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086542.D
Acq: 1 May 2016 00:57

Tgt Ion:112 Resp: 1124501
Ion Ratio Lower Upper
112 100
64 73.5 52.1 78.1
63 38.9 25.7 38.5#





#7

Phenol-d6

Concen: 141.50 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086542.D

Acq: 1 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP-11D24

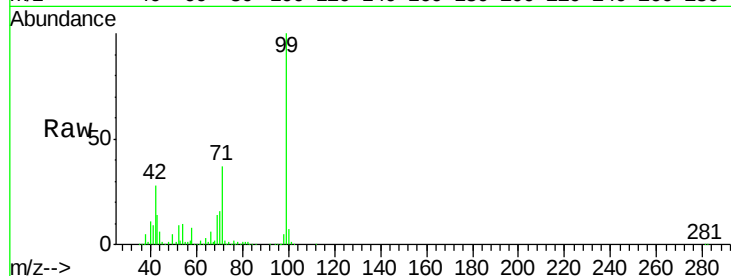
Tgt Ion: 99 Resp: 1573259

Ion Ratio Lower Upper

99 100

42 27.8 13.6 20.4#

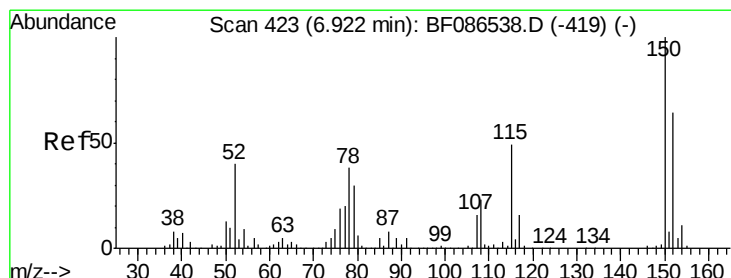
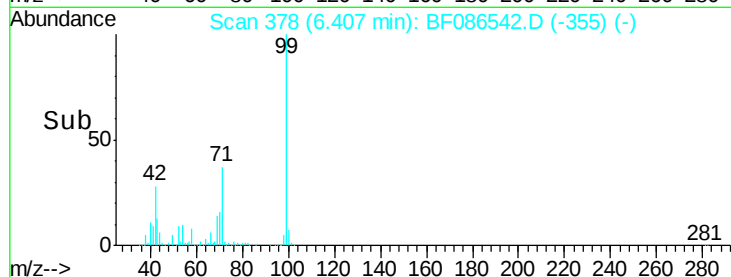
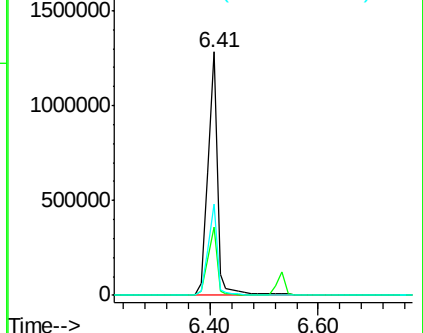
71 37.5 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.42 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF086542.D

Acq: 1 May 2016 00:57

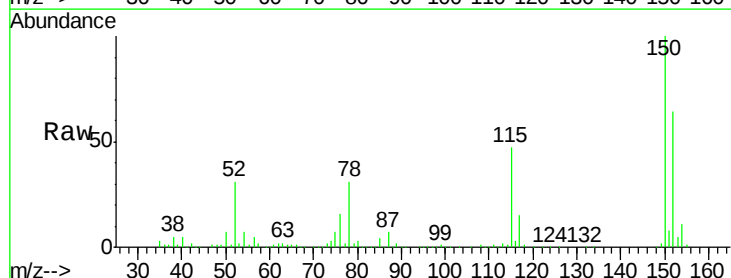
Tgt Ion: 79 Resp: 16988

Ion Ratio Lower Upper

79 100

108 33.9 68.4 102.6#

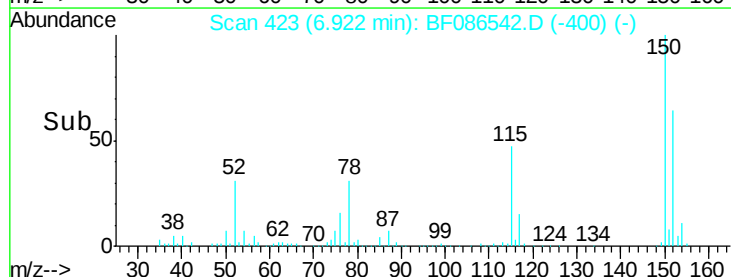
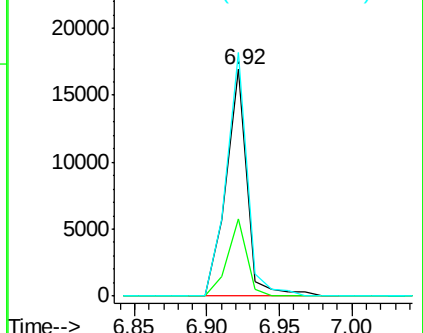
77 107.4 50.6 76.0#

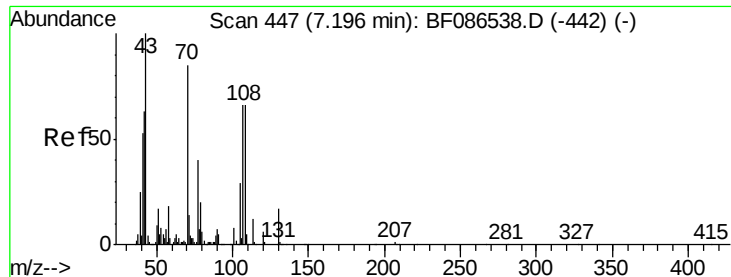


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

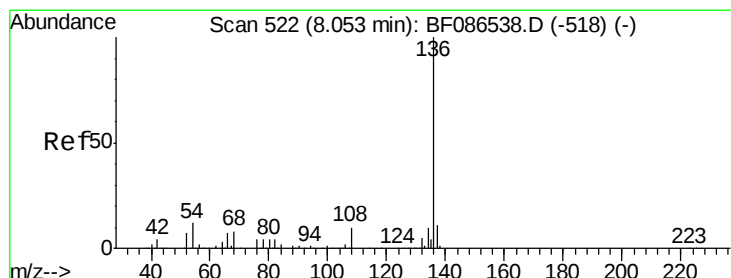
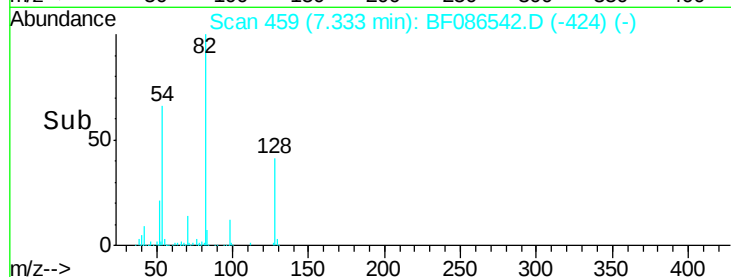
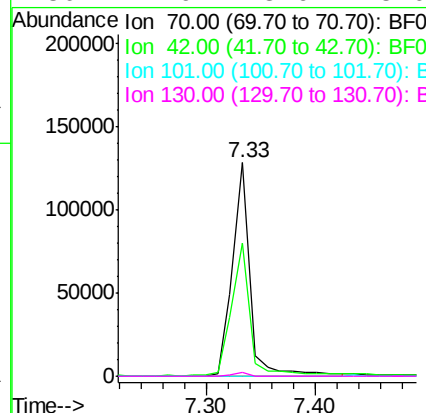
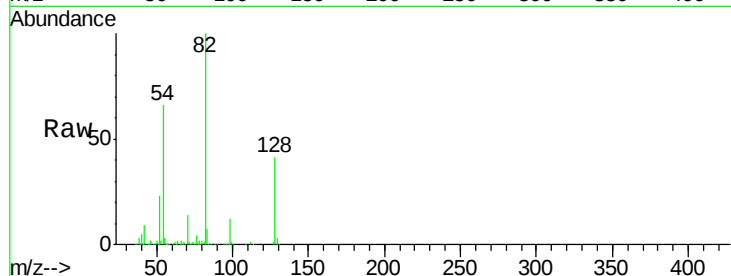




#19
n-Nitroso-di-n-propylamine
Concen: 19.62 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.10 min
Lab File: BF086542.D
Acq: 1 May 2016 00:57

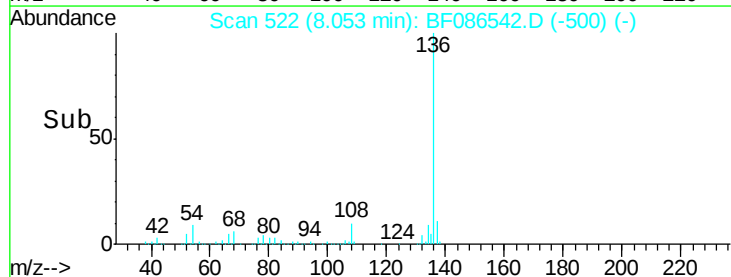
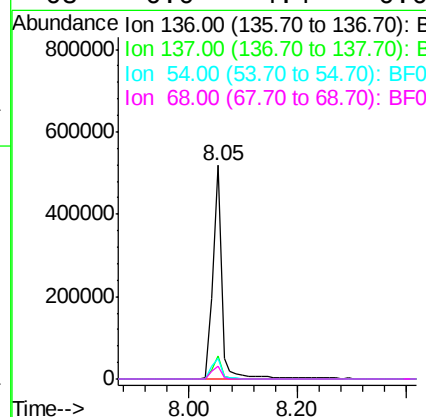
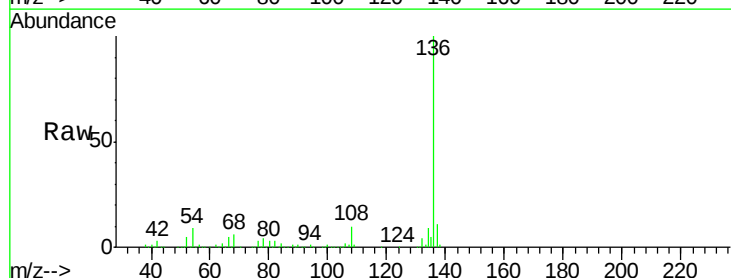
Instrument :
BNA_F
ClientSampleId :
TP-11D24

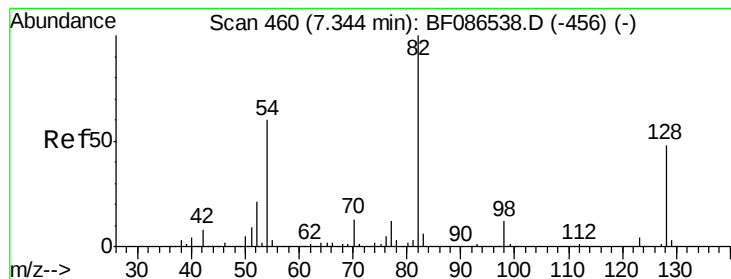
Tgt Ion: 70 Resp: 144220
Ion Ratio Lower Upper
70 100
42 62.6 43.1 64.7
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086542.D
Acq: 1 May 2016 00:57

Tgt Ion: 136 Resp: 592935
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.3 5.0 7.4#
68 6.0 4.4 6.6





#23

Nitrobenzene-d5

Concen: 97.18 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.05 min

Lab File: BF086542.D

Acq: 1 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP-11D24

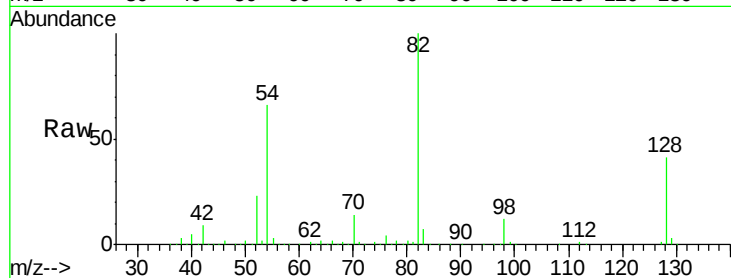
Tgt Ion: 82 Resp: 1069057

Ion Ratio Lower Upper

82 100

128 41.1 40.6 61.0

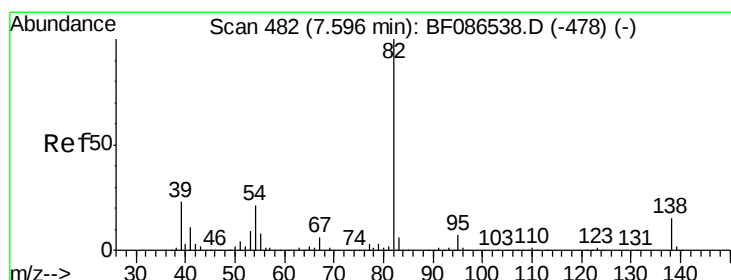
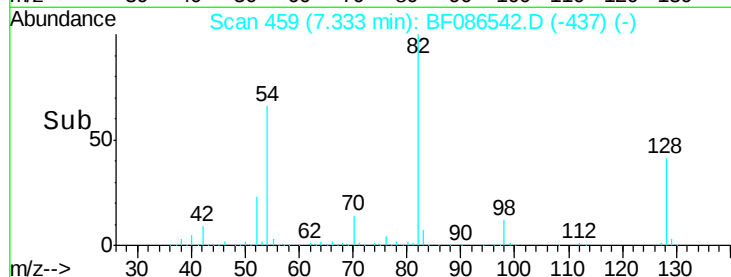
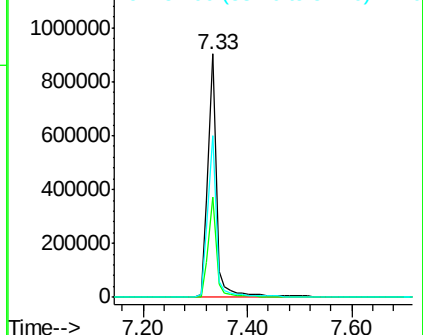
54 66.4 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 37.98 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.31 min

Lab File: BF086542.D

Acq: 1 May 2016 00:57

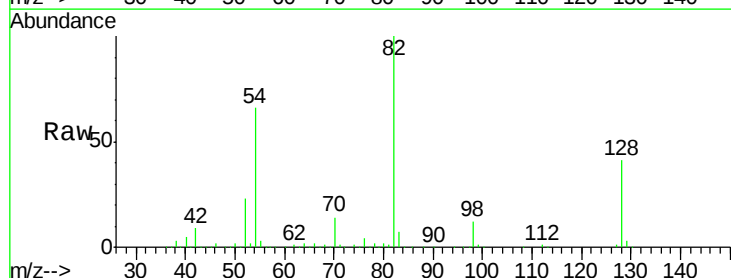
Tgt Ion: 82 Resp: 804088

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

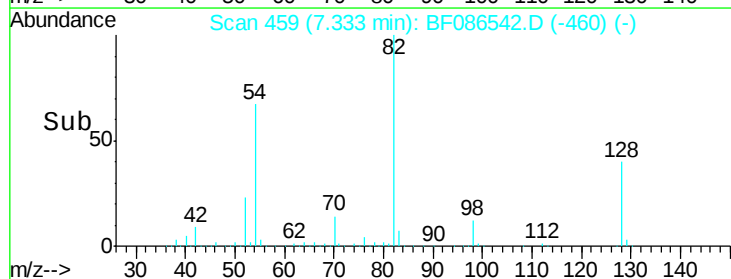
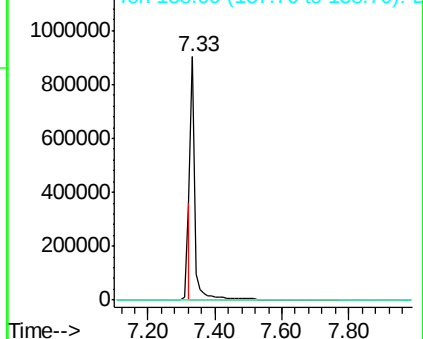
138 0.0 12.4 18.6#

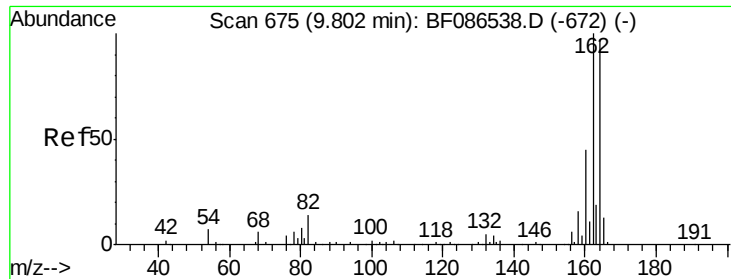


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086542.D

Acq: 1 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP-11D24

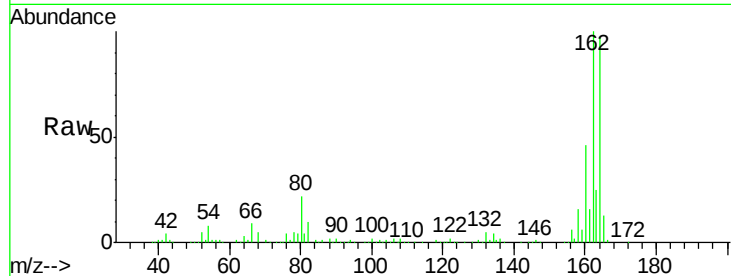
Tgt Ion:164 Resp: 297647

Ion Ratio Lower Upper

164 100

162 102.8 82.8 124.2

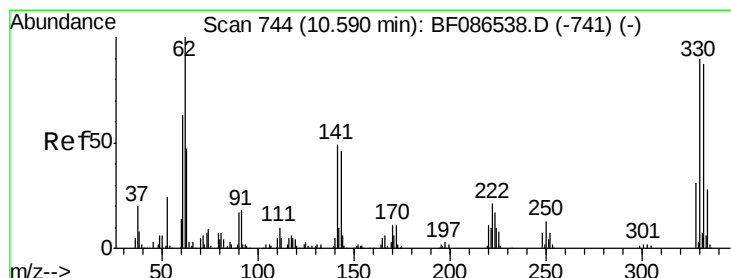
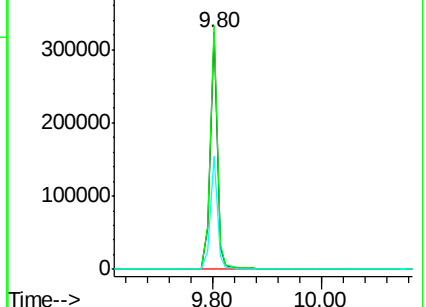
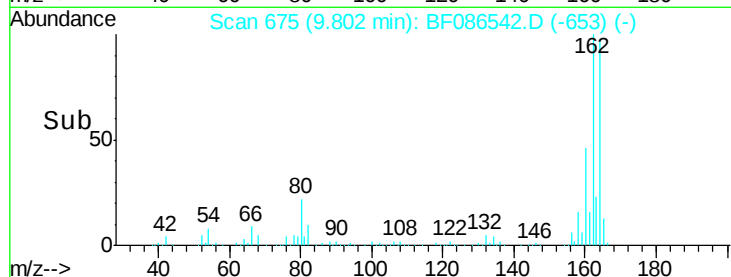
160 47.6 36.9 55.3



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: 129.03 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.05 min

Lab File: BF086542.D

Acq: 1 May 2016 00:57

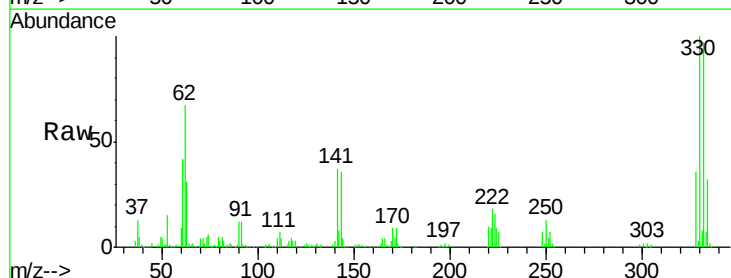
Tgt Ion:330 Resp: 405022

Ion Ratio Lower Upper

330 100

332 97.9 79.0 118.4

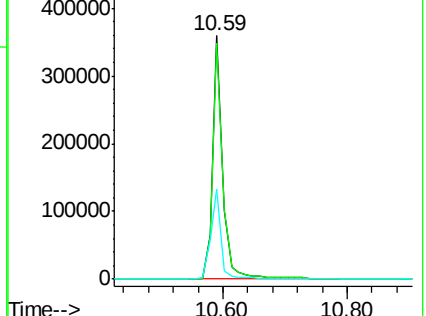
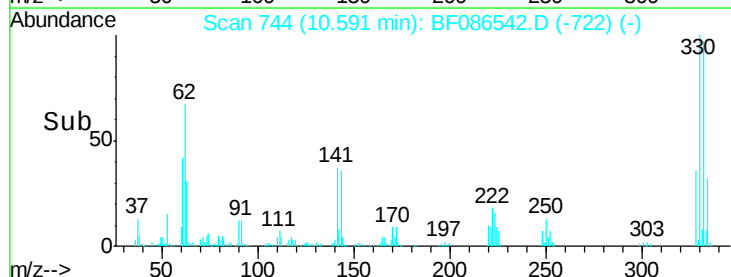
141 37.5 31.2 46.8

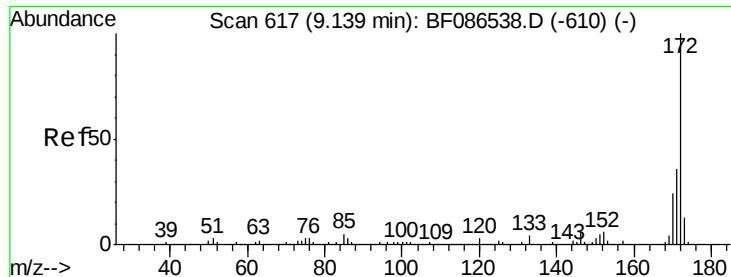


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

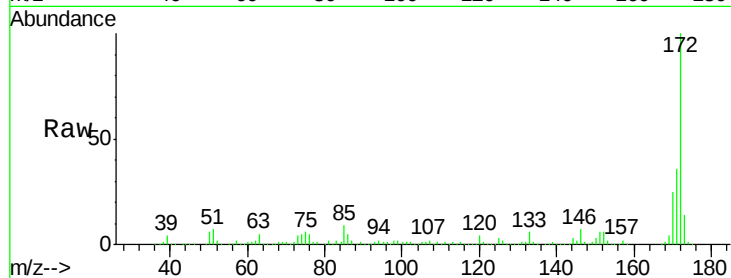




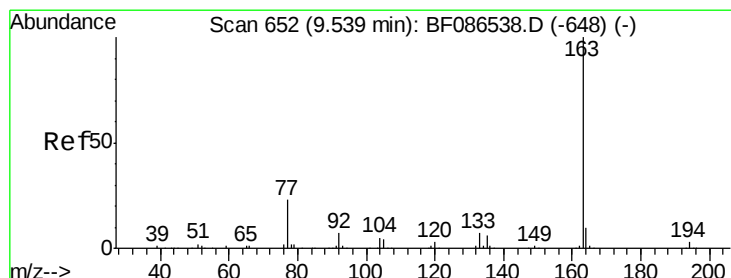
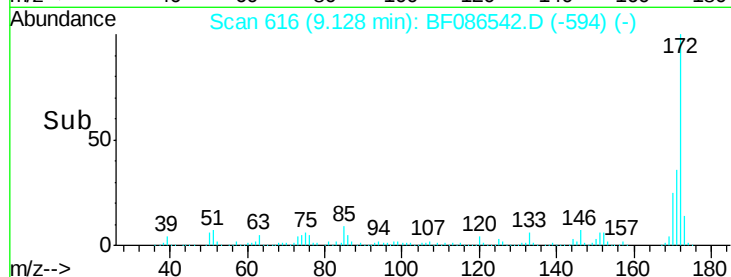
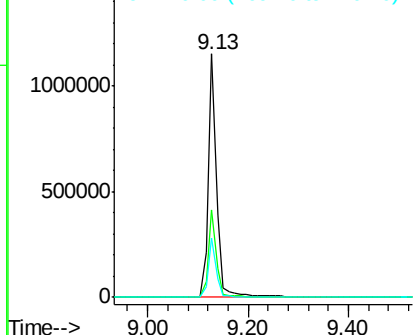
#44
 2-Fluorobiphenyl
 Concen: 76.69 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086542.D
 Acq: 1 May 2016 00:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11D24

Tgt Ion:172 Resp: 1333122
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.5 19.8 29.8

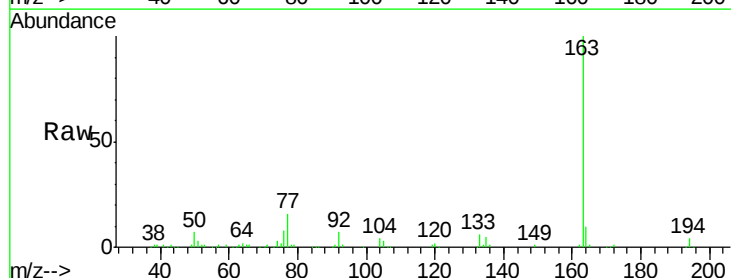


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

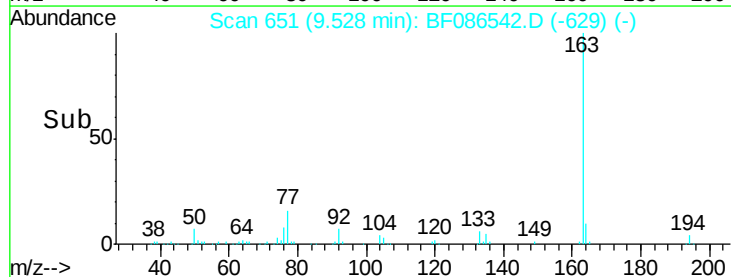
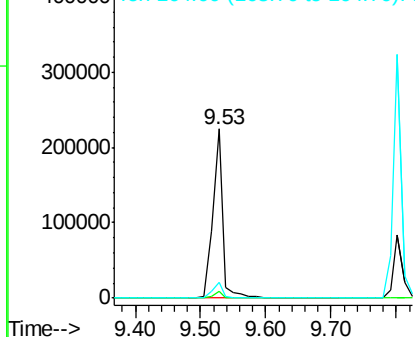


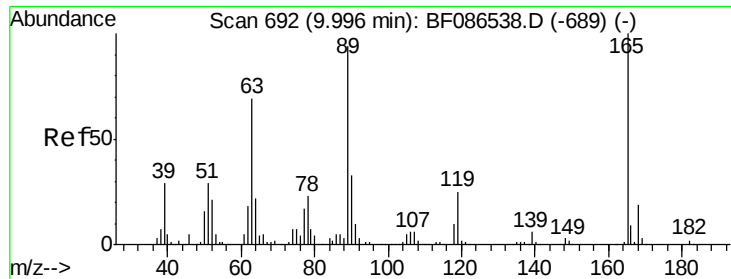
#49
 Dimethylphthalate
 Concen: 10.85 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF086542.D
 Acq: 1 May 2016 00:57

Tgt Ion:163 Resp: 243146
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.6 4.0
 164 9.7 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

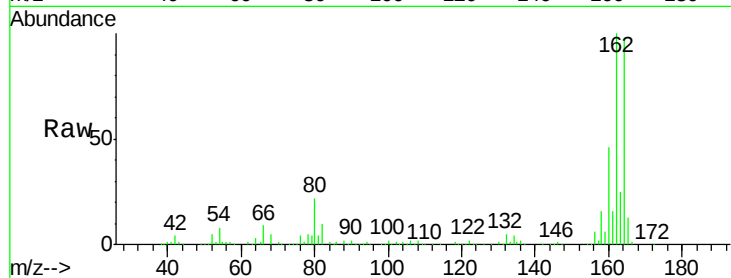




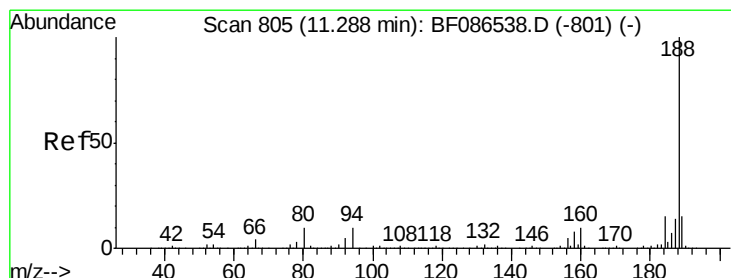
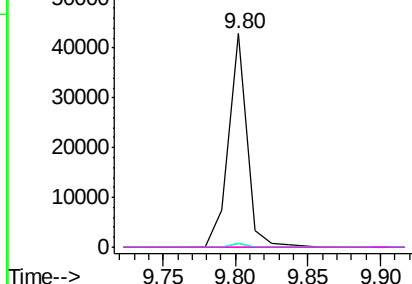
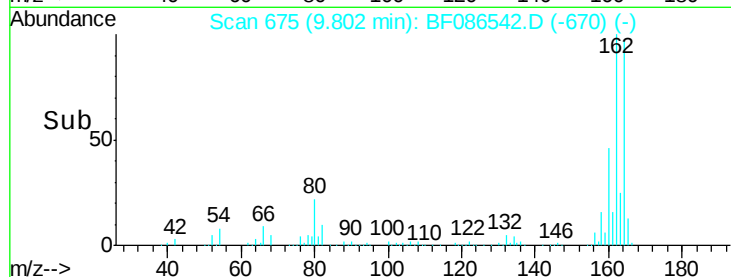
#56
 2,4-Dinitrotoluene
 Concen: 6.43 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.24 min
 Lab File: BF086542.D
 Acq: 1 May 2016 00:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11D24

Tgt Ion:165 Resp: 37962
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.3 66.5#
 89 1.8 70.0 105.0#
 182 0.0 1.8 2.6#

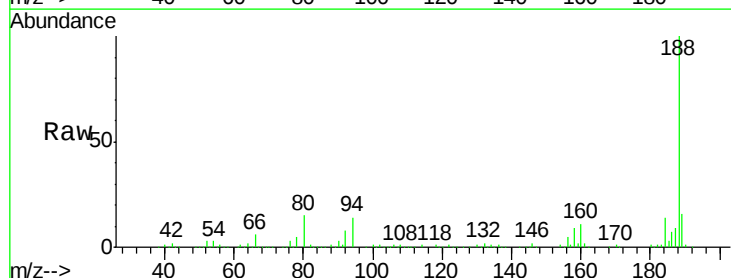


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

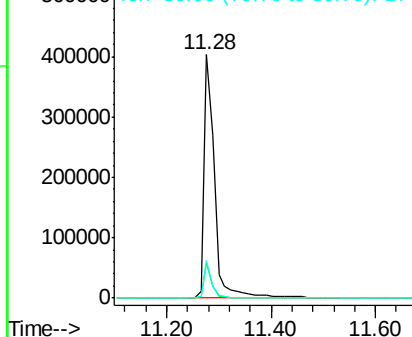
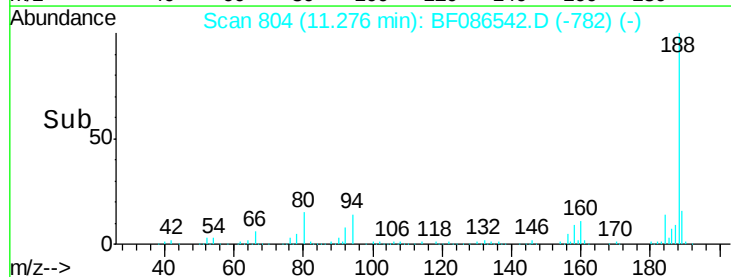


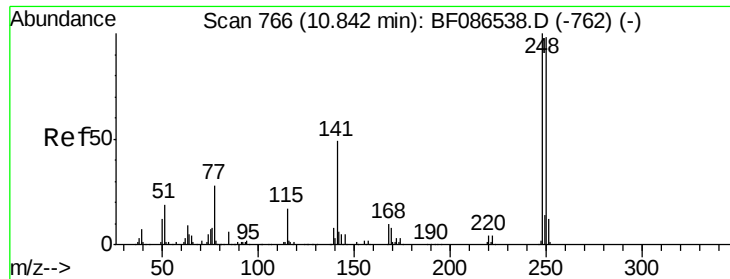
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086542.D
 Acq: 1 May 2016 00:57

Tgt Ion:188 Resp: 564245
 Ion Ratio Lower Upper
 188 100
 94 14.3 6.8 10.2#
 80 15.4 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

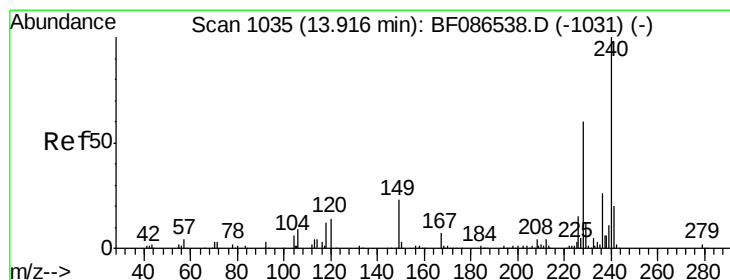
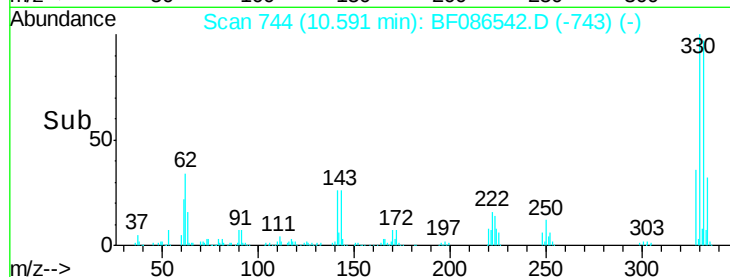
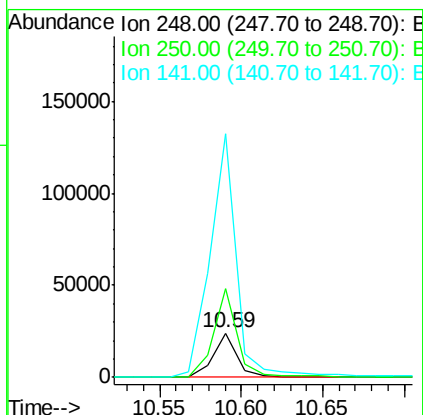
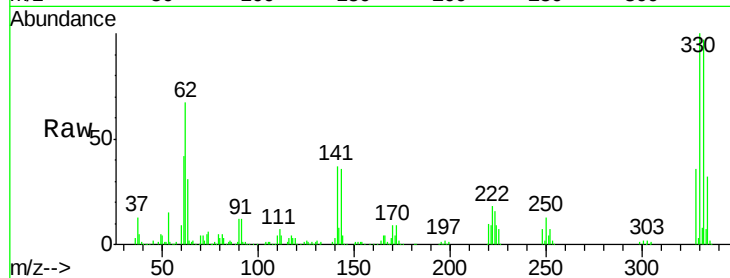




#66
 4-Bromophenyl-phenylether
 Concen: 4.23 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.29 min
 Lab File: BF086542.D
 Acq: 1 May 2016 00:57

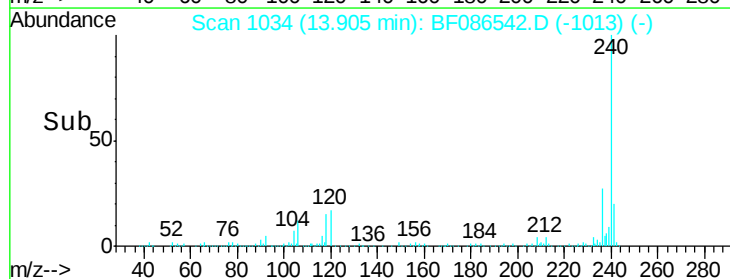
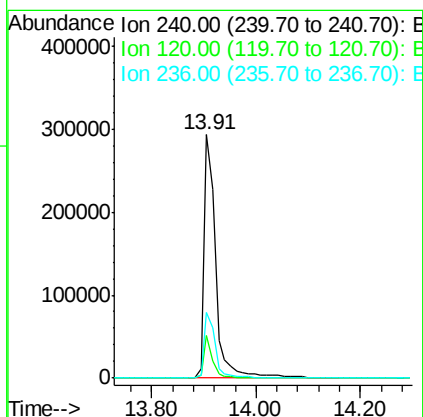
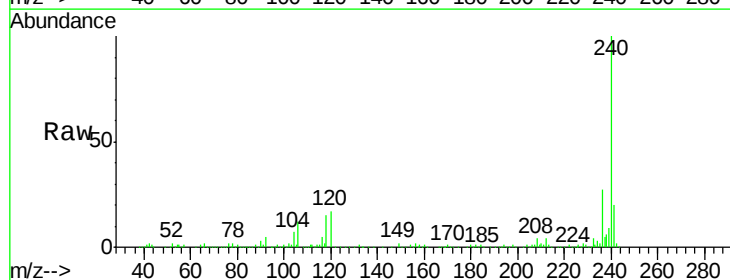
Instrument :
 BNA_F
 ClientSampleId :
 TP-11D24

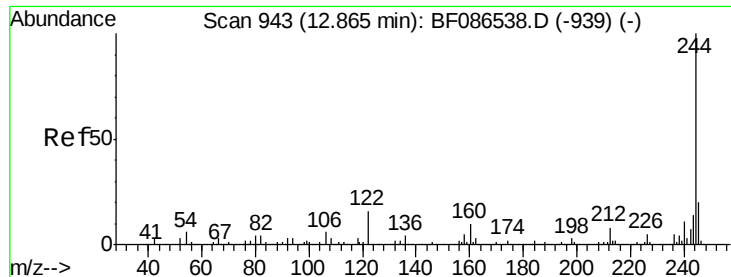
Tgt Ion:248 Resp: 24579
 Ion Ratio Lower Upper
 248 100
 250 201.1 78.6 117.8#
 141 553.9 76.0 114.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.06 min
 Lab File: BF086542.D
 Acq: 1 May 2016 00:57

Tgt Ion:240 Resp: 455207
 Ion Ratio Lower Upper
 240 100
 120 17.3 11.2 16.8#
 236 26.8 21.2 31.8

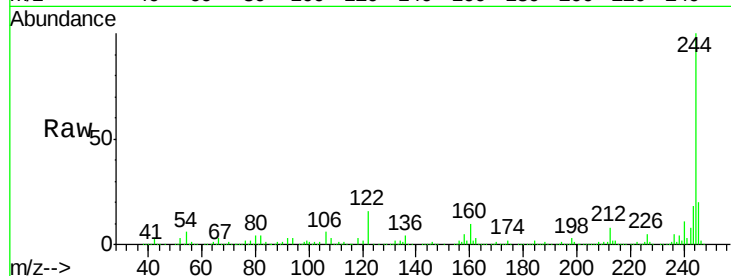




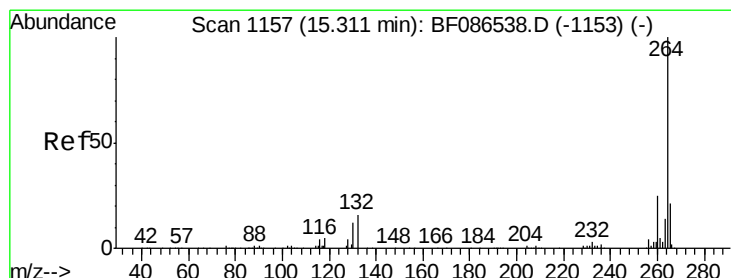
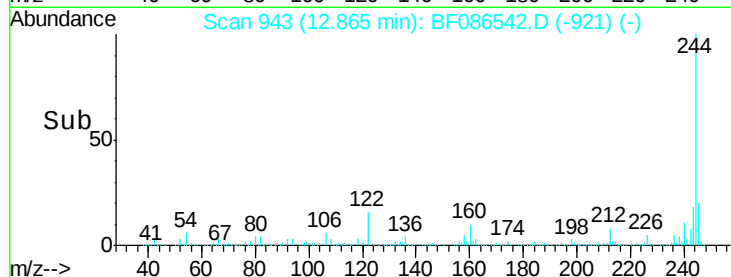
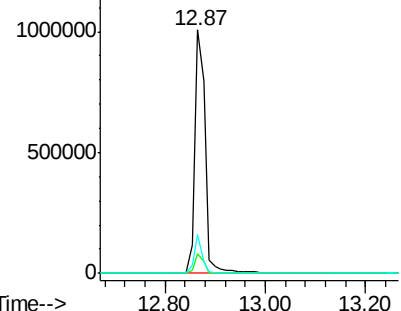
#78
 Terphenyl-d14
 Concen: 70.11 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086542.D
 Acq: 1 May 2016 00:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11D24

Tgt Ion:244 Resp: 1448590
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 15.9 12.0 18.0

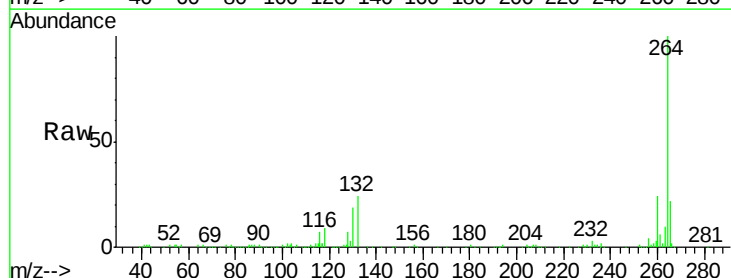


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086542.D
 Acq: 1 May 2016 00:57

Tgt Ion:264 Resp: 340957
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.8 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

