

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085028.D
 Acq On : 11 Feb 2016 20:03
 Operator : SJ/IZ
 Sample : H1377-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB01-0-0.5

Quant Time: Feb 11 22:16:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

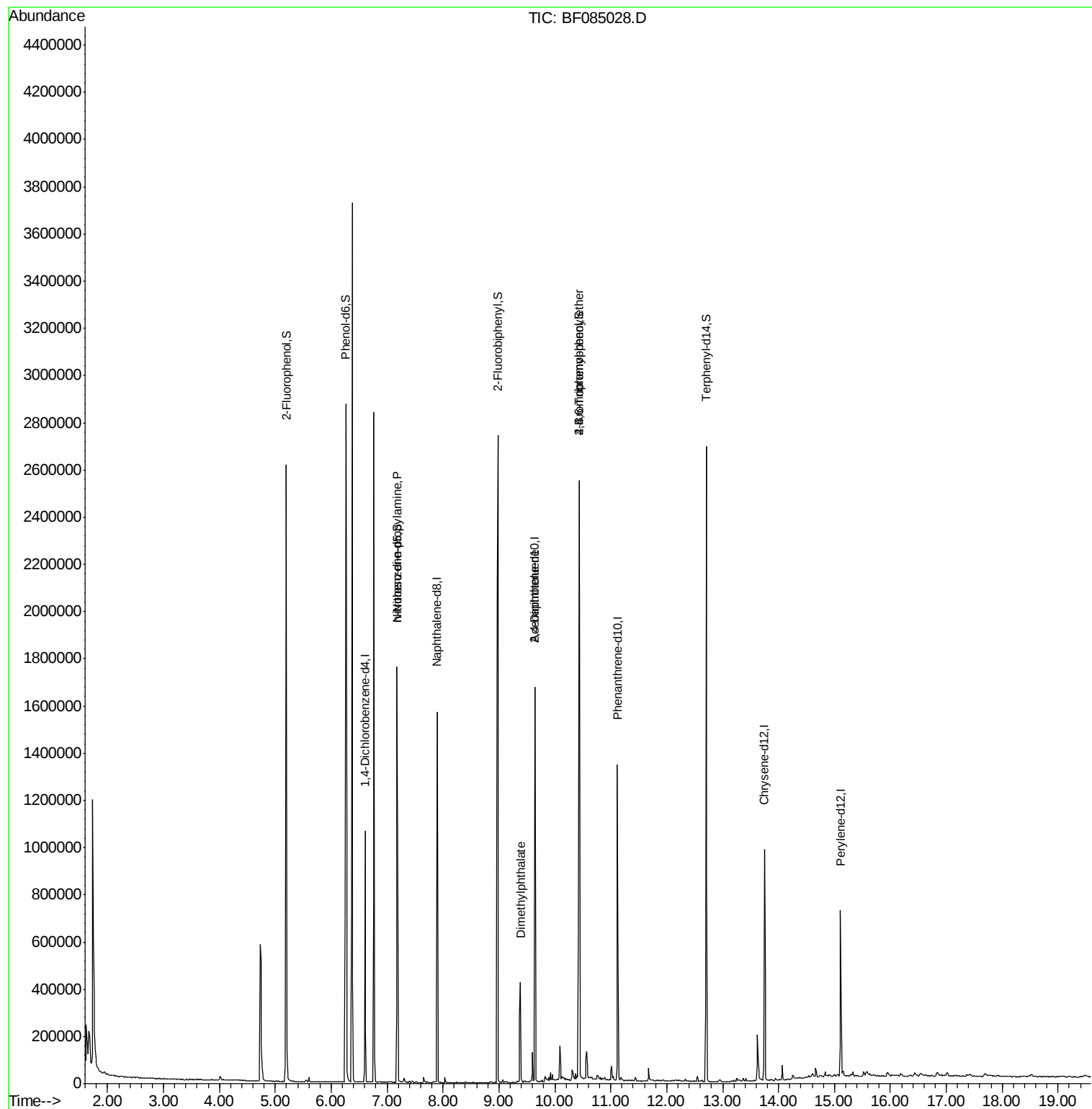
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	148853	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	663413	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	307342	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	528843	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	372088	20.00	ng	-0.02
86) Perylene-d12	15.11	264	308063	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1004038	105.06	ng	0.00
7) Phenol-d6	6.26	99	1129167	95.31	ng	-0.02
23) Nitrobenzene-d5	7.18	82	708582	60.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	276993	86.40	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1212665	60.41	ng	-0.01
78) Terphenyl-d14	12.71	244	886427	53.98	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	94533	12.73	ng	# 71
49) Dimethylphthalate	9.38	163	223154	9.53	ng	# 91
56) 2,4-Dinitrotoluene	9.64	165	40262	6.17	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	17969	3.08	ng	# 1

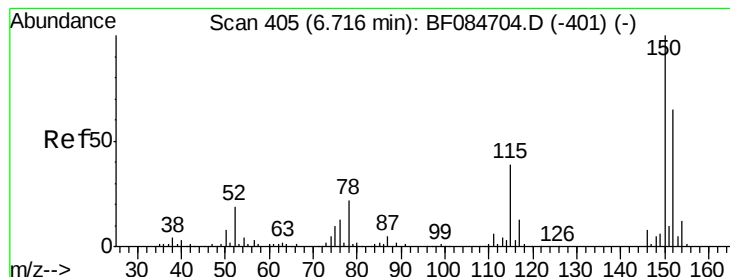
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085028.D

Acq: 11 Feb 2016 20:03

Instrument :

BNA_F

ClientSampleId :

SB01-0-0.5

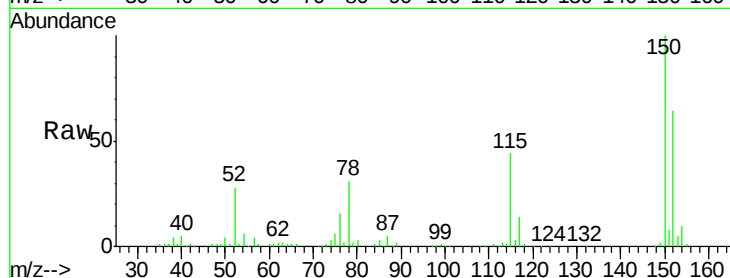
Tgt Ion:152 Resp: 148853

Ion Ratio Lower Upper

152 100

150 157.3 123.0 184.4

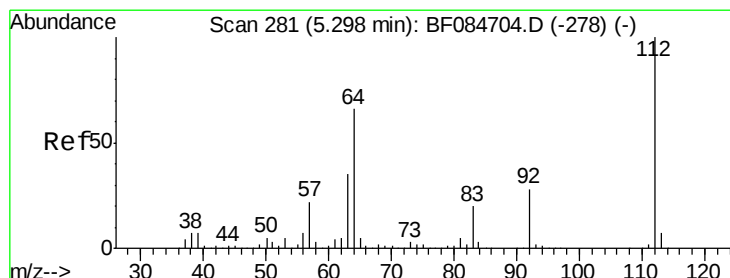
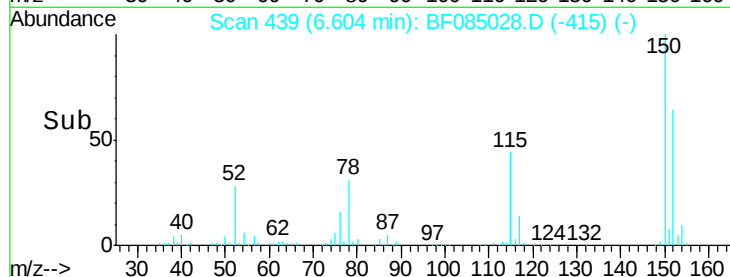
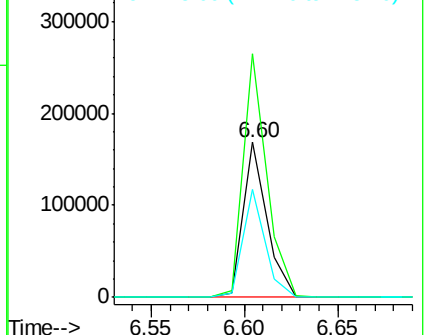
115 69.8 51.4 77.2



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: 105.06 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF085028.D

Acq: 11 Feb 2016 20:03

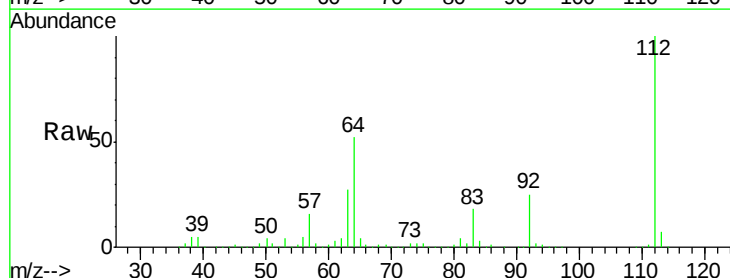
Tgt Ion:112 Resp: 1004038

Ion Ratio Lower Upper

112 100

64 51.5 36.6 55.0

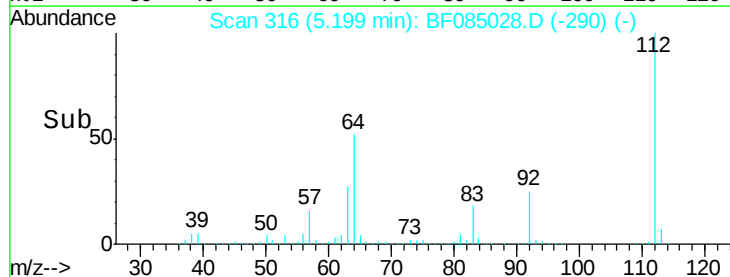
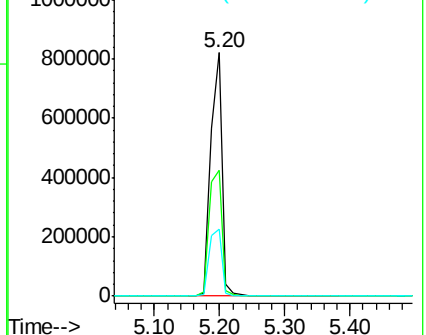
63 27.3 19.4 29.0

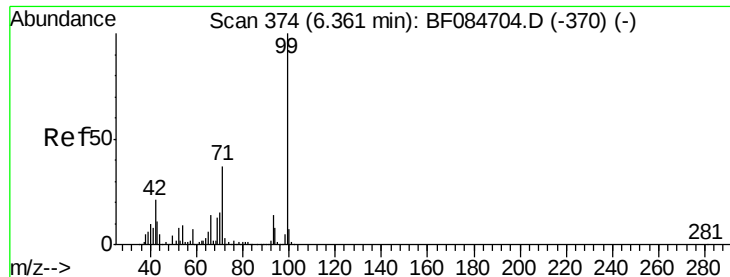


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.31 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085028.D

Acq: 11 Feb 2016 20:03

Instrument :

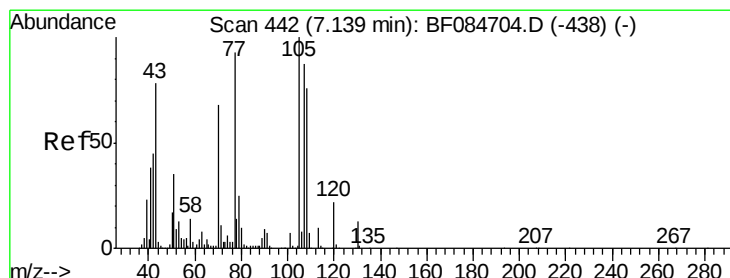
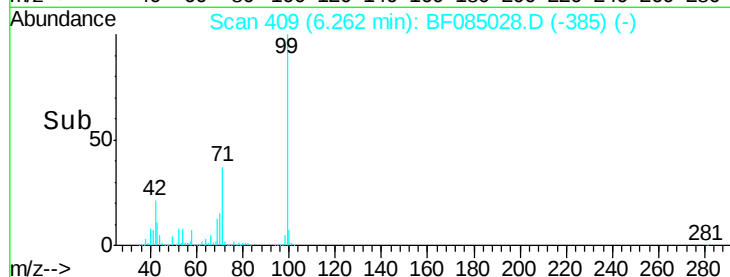
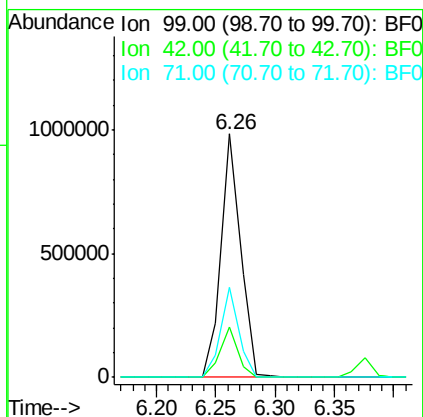
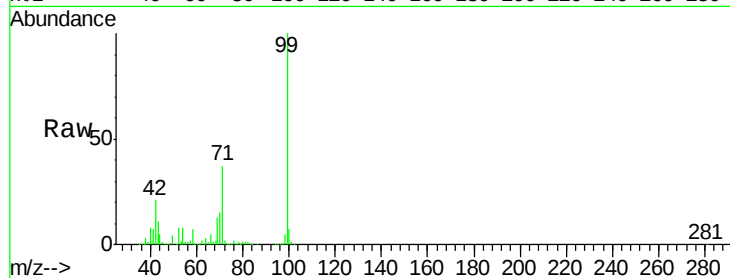
BNA_F

ClientSampled :

SB01-0-0.5

Tgt Ion: 99 Resp: 1129167

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.8	19.2#
71	37.2	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.73 ng

RT: 7.18 min Scan# 489

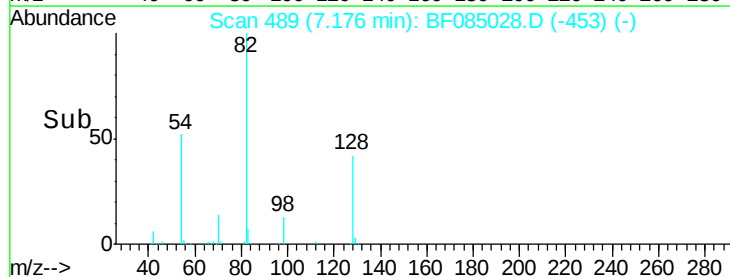
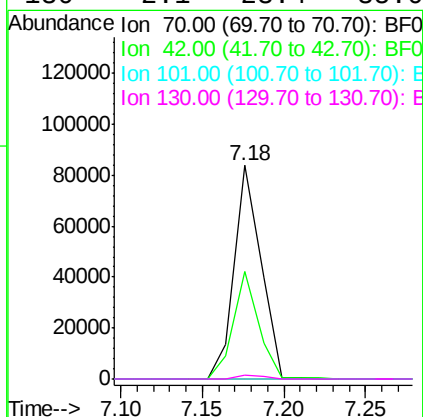
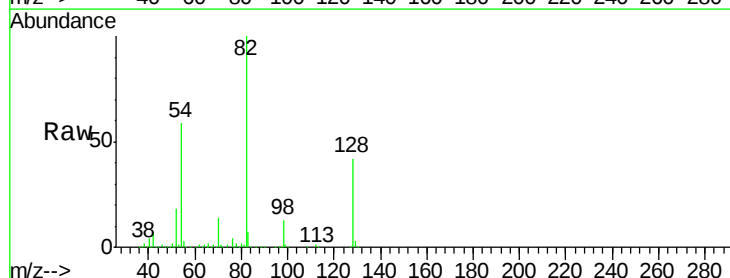
Delta R.T. 0.11 min

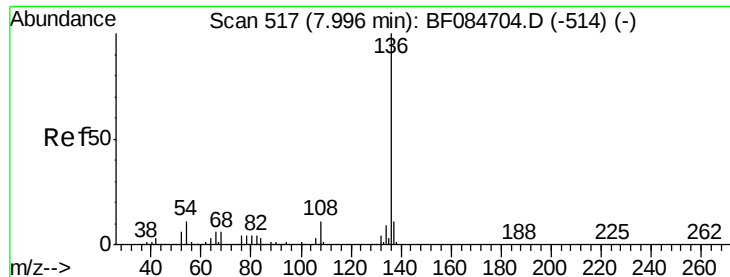
Lab File: BF085028.D

Acq: 11 Feb 2016 20:03

Tgt Ion: 70 Resp: 94533

Ion	Ratio	Lower	Upper
70	100		
42	50.3	33.3	49.9#
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#

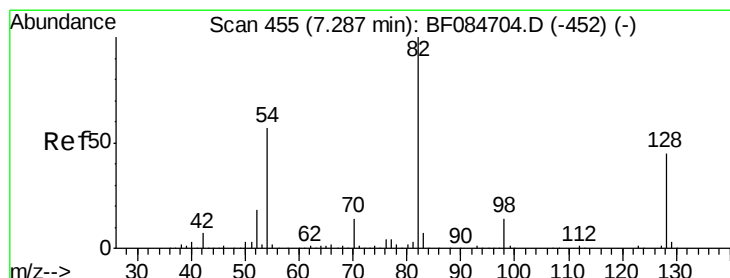
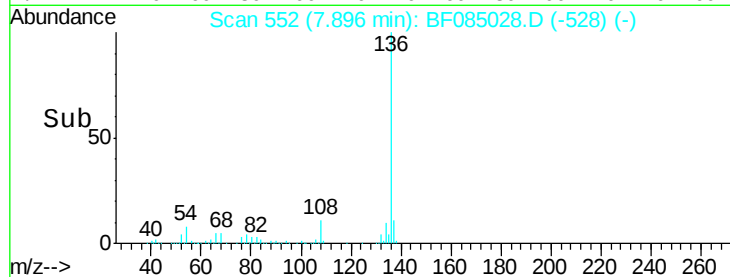
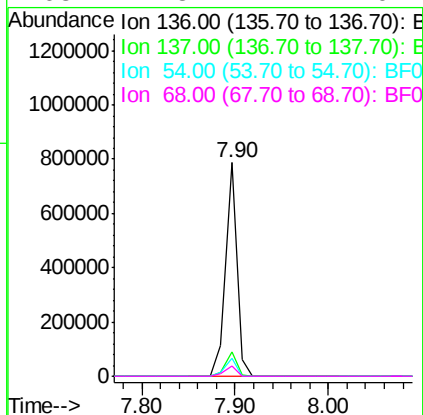
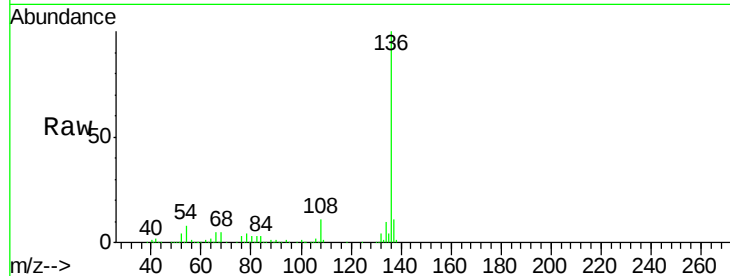




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085028.D
Acq: 11 Feb 2016 20:03

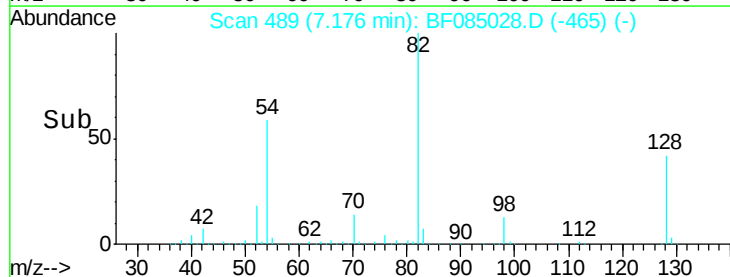
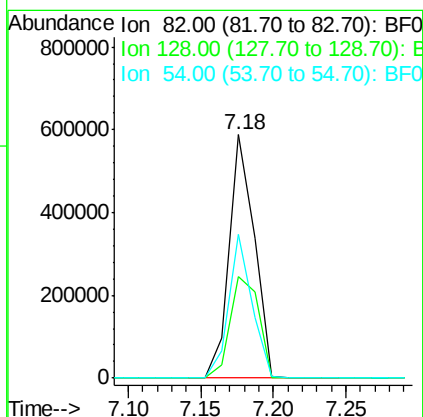
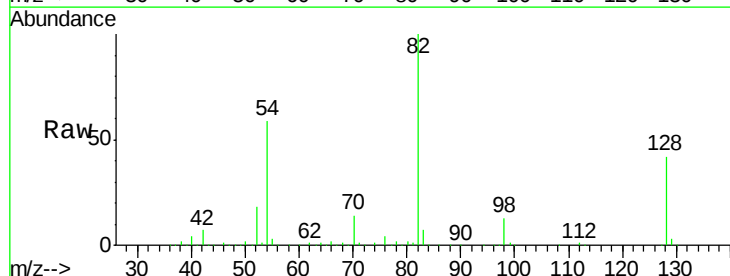
Instrument :
BNA_F
ClientSampleId :
SB01-0-0.5

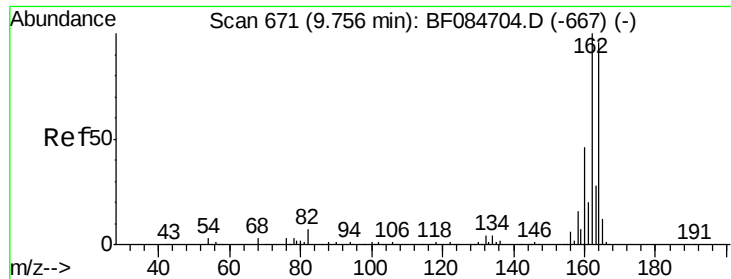
Tgt Ion:	136	Resp:	663413
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.4	5.8	8.8
68	4.8	4.2	6.2



#23
Nitrobenzene-d5
Concen: 60.17 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF085028.D
Acq: 11 Feb 2016 20:03

Tgt Ion:	82	Resp:	708582
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	59.0	38.4	57.6#

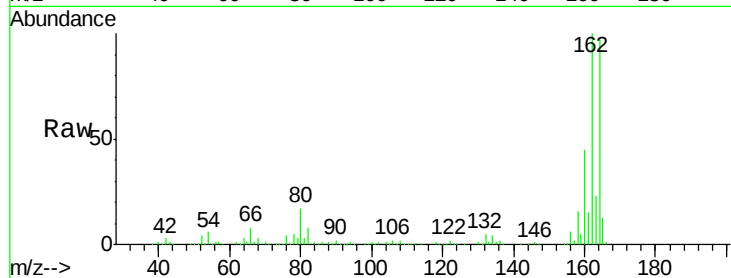




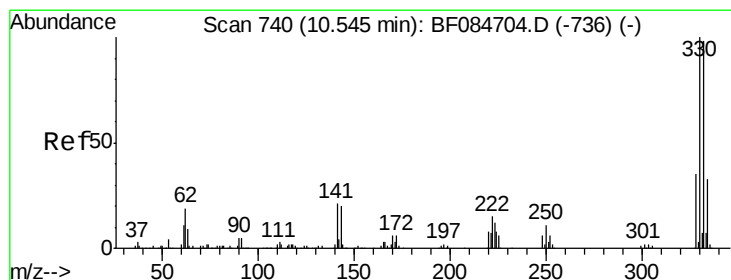
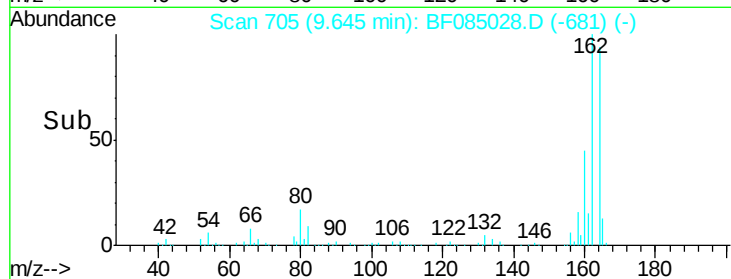
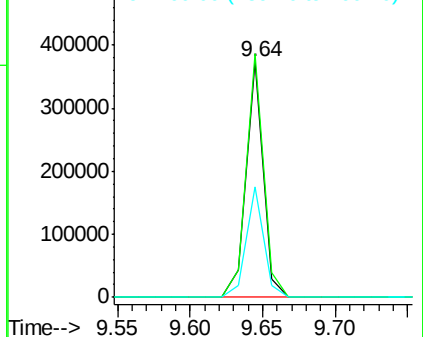
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF085028.D
Acq: 11 Feb 2016 20:03

Instrument :
BNA_F
ClientSampleId :
SB01-0-0.5

Tgt Ion:164 Resp: 307342
Ion Ratio Lower Upper
164 100
162 103.3 85.1 127.7
160 46.7 37.5 56.3

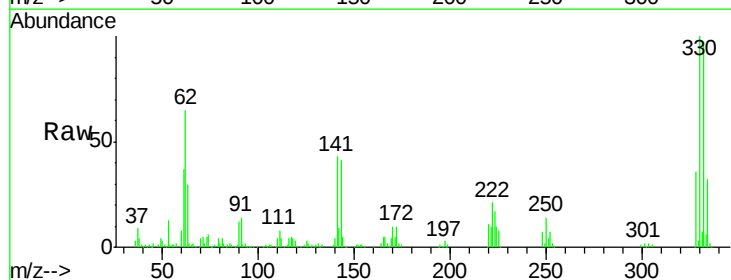


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

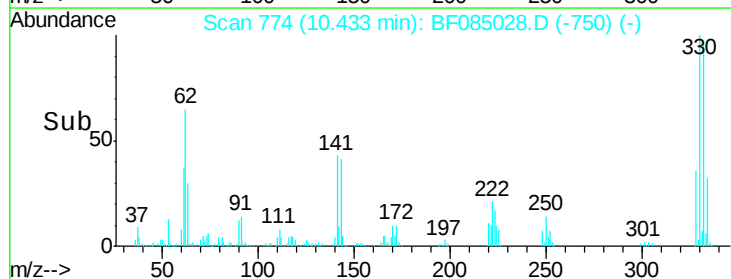
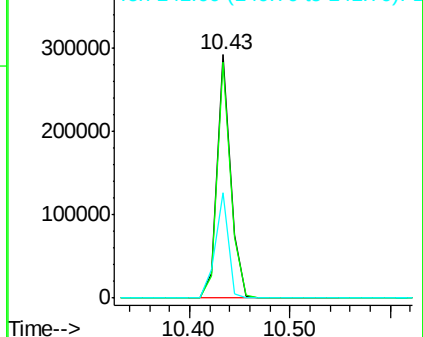


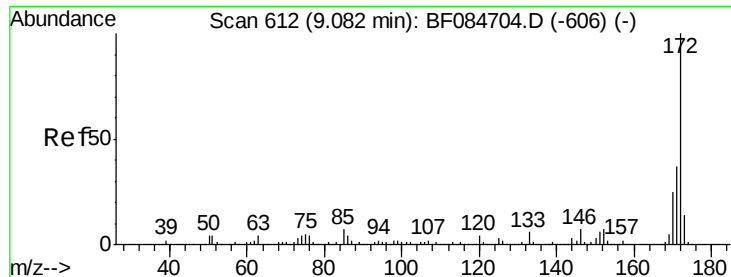
#41
2,4,6-Tribromophenol
Concen: 86.40 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF085028.D
Acq: 11 Feb 2016 20:03

Tgt Ion:330 Resp: 276993
Ion Ratio Lower Upper
330 100
332 96.9 76.6 114.8
141 41.4 27.8 41.6



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

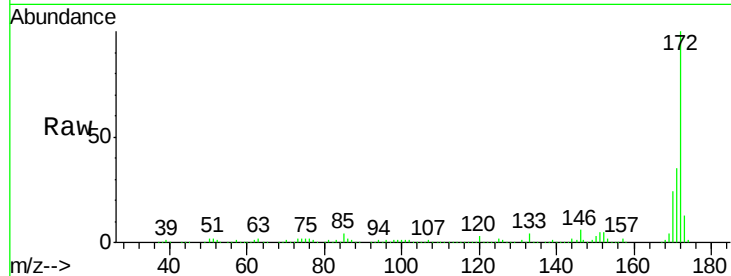




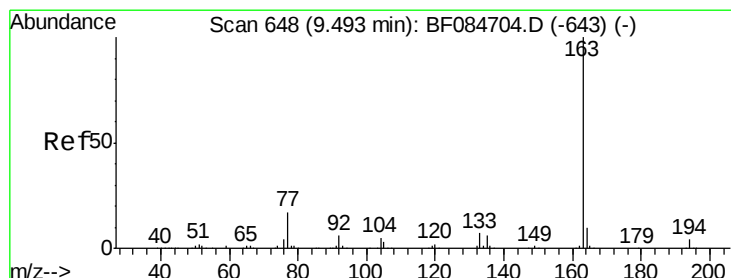
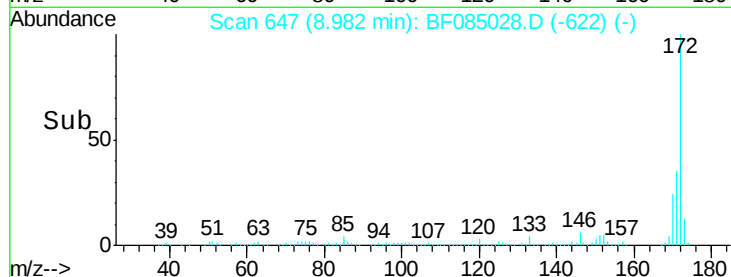
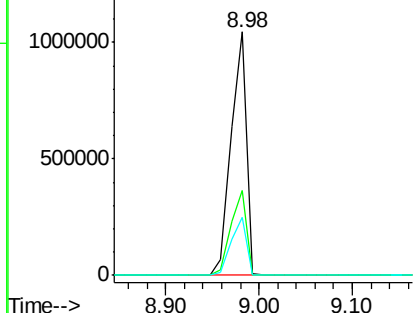
#44
 2-Fluorobiphenyl
 Concen: 60.41 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085028.D
 Acq: 11 Feb 2016 20:03

Instrument :
 BNA_F
 ClientSampleId :
 SB01-0-0.5

Tgt Ion:172 Resp: 1212665
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 24.0 18.6 27.8

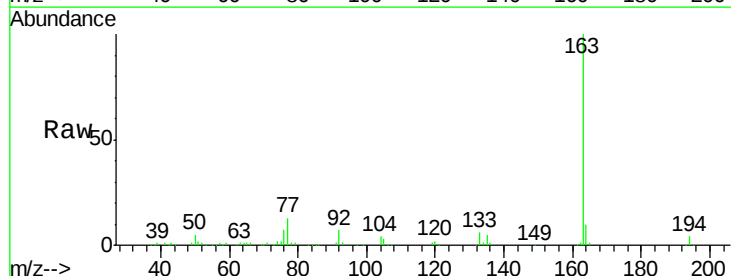


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

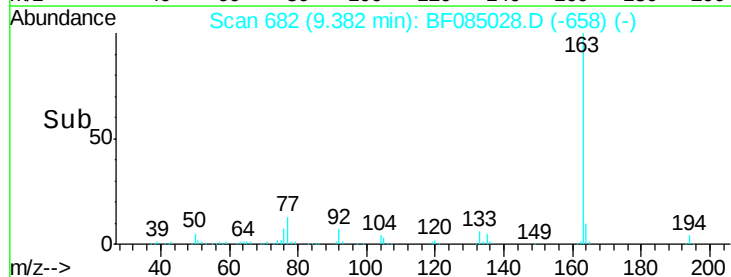
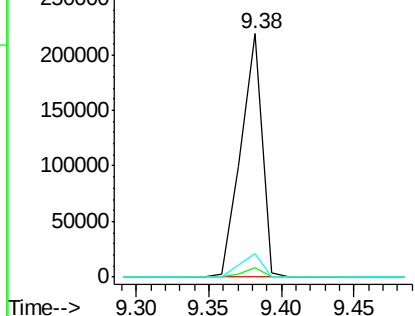


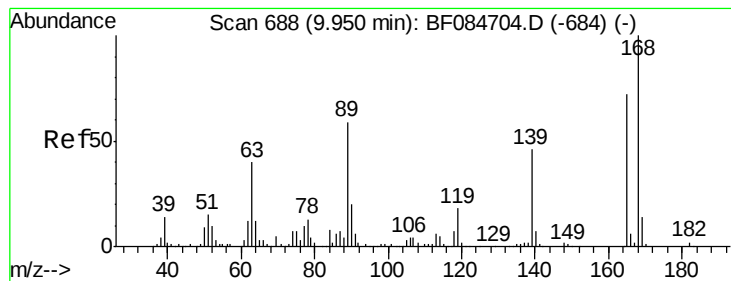
#49
 Dimethylphthalate
 Concen: 9.53 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF085028.D
 Acq: 11 Feb 2016 20:03

Tgt Ion:163 Resp: 223154
 Ion Ratio Lower Upper
 163 100
 194 3.9 8.0 12.0#
 164 9.5 8.0 12.0



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: 6.17 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.23 min

Lab File: BF085028.D

Acq: 11 Feb 2016 20:03

Instrument :

BNA_F

ClientSampleId :

SB01-0-0.5

Tgt Ion:165 Resp: 40262

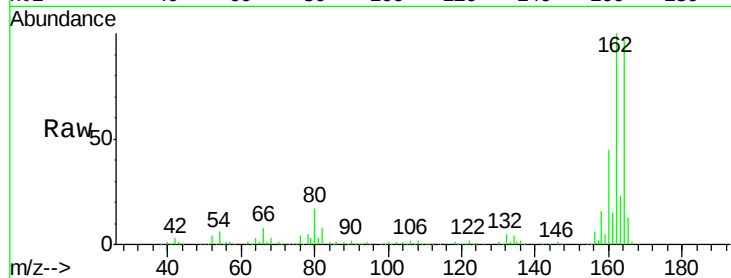
Ion Ratio Lower Upper

165 100

63 1.5 36.7 55.1#

89 1.0 61.9 92.9#

182 0.0 2.0 3.0#

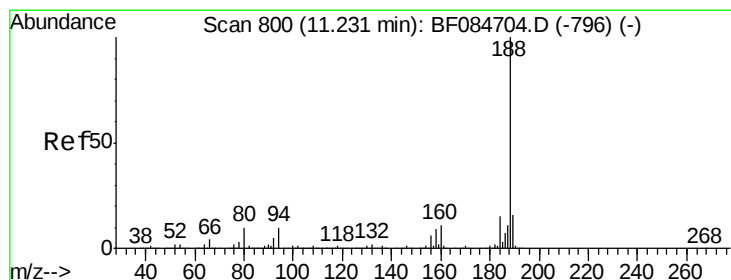
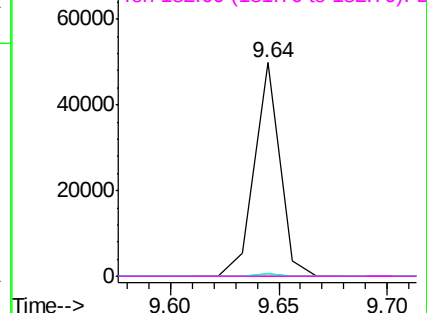
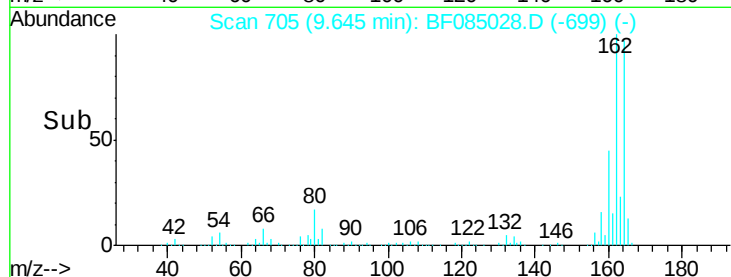


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.02 min

Lab File: BF085028.D

Acq: 11 Feb 2016 20:03

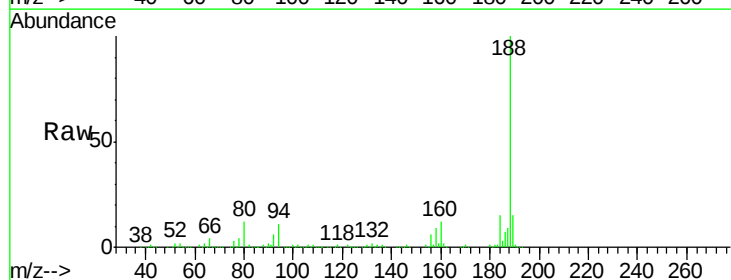
Tgt Ion:188 Resp: 528843

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

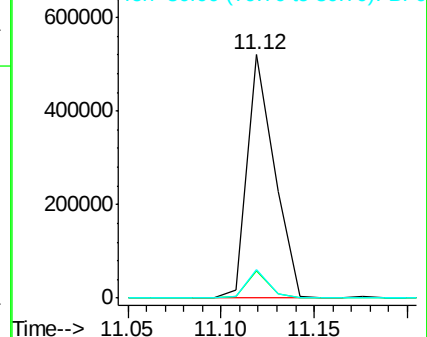
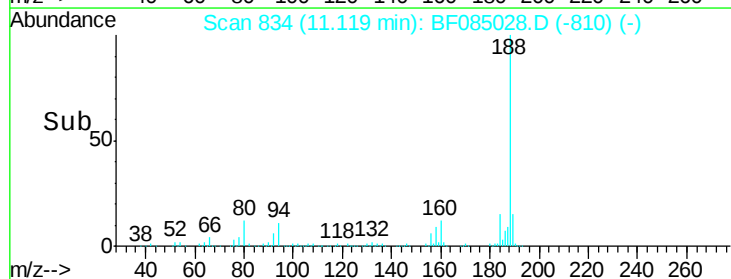
80 11.6 9.6 14.4

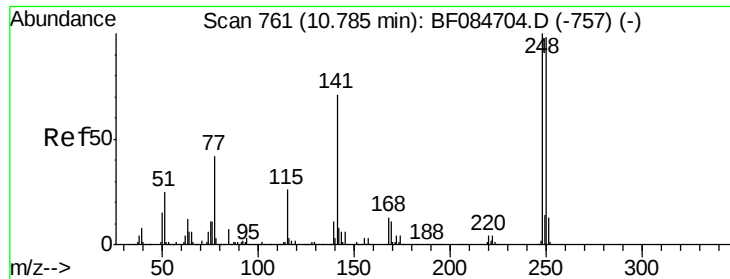


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

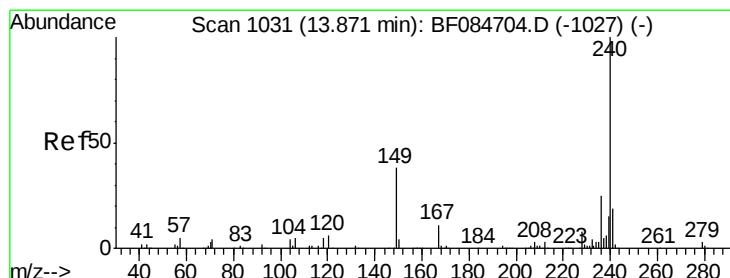
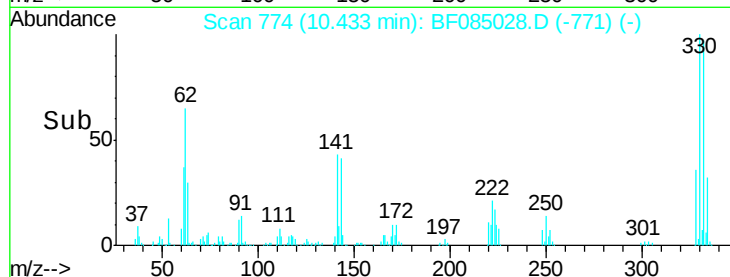
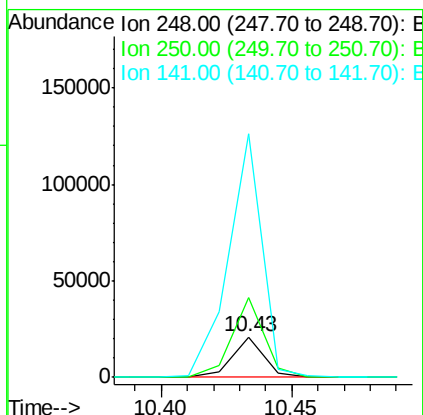
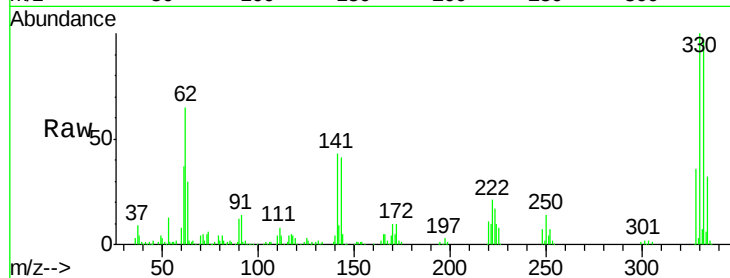




#66
4-Bromophenyl-phenylether
Concen: 3.08 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF085028.D
Acq: 11 Feb 2016 20:03

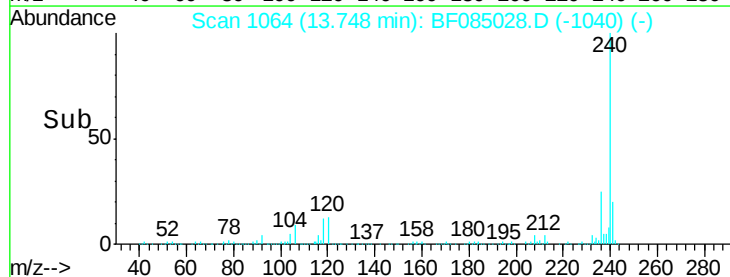
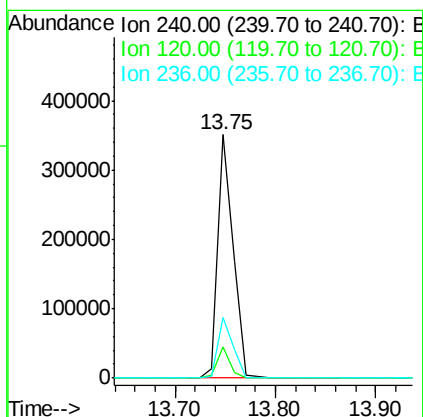
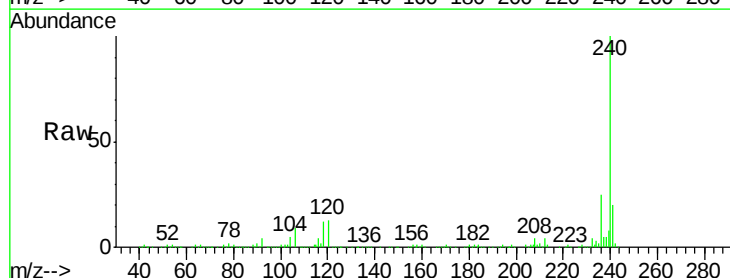
Instrument :
BNA_F
ClientSampleId :
SB01-0-0.5

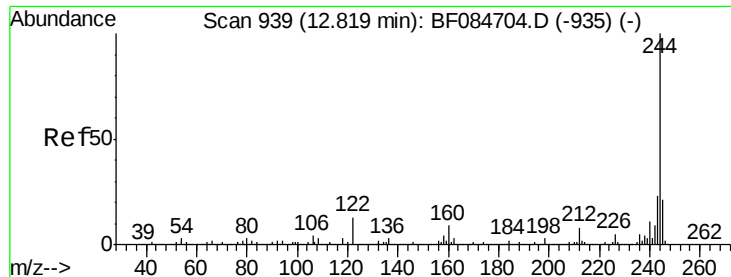
Tgt Ion:248 Resp: 17969
Ion Ratio Lower Upper
248 100
250 198.4 78.4 117.6#
141 603.1 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085028.D
Acq: 11 Feb 2016 20:03

Tgt Ion:240 Resp: 372088
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.1 20.6 31.0

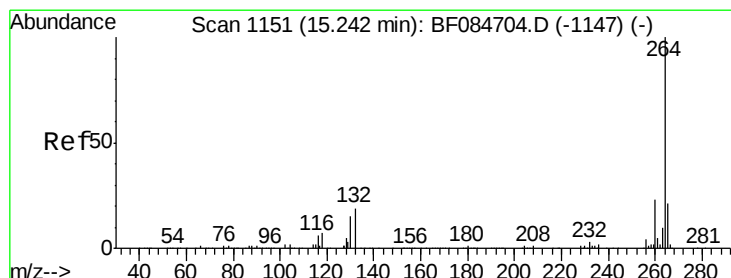
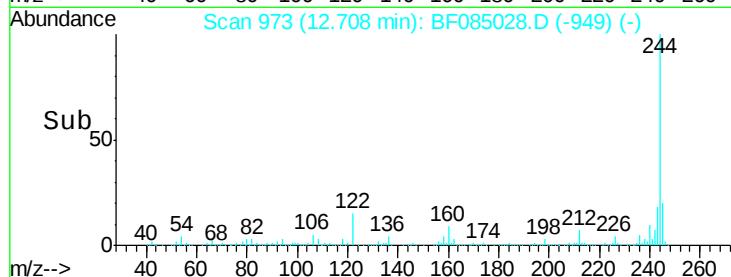
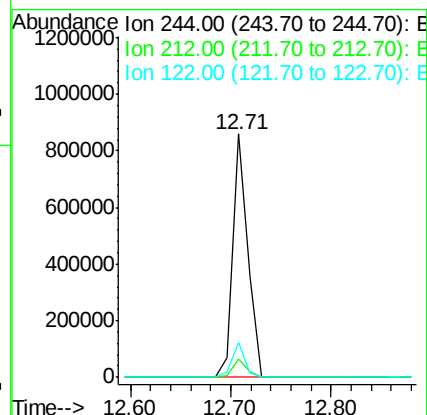
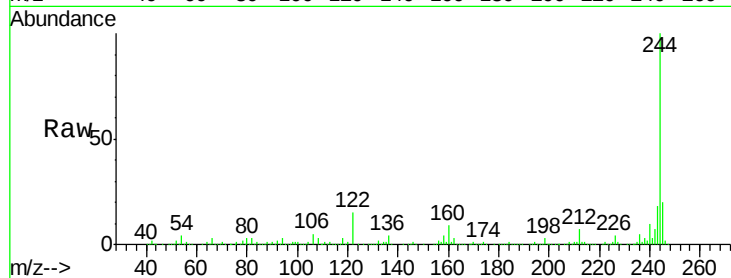




#78
 Terphenyl-d14
 Concen: 53.98 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF085028.D
 Acq: 11 Feb 2016 20:03

Instrument :
 BNA_F
 ClientSampleId :
 SB01-0-0.5

Tgt Ion: 244 Resp: 886427
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 14.5 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF085028.D
 Acq: 11 Feb 2016 20:03

Tgt Ion: 264 Resp: 308063
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 22.2 17.8 26.6

