

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089206.D
 Acq On : 22 Jul 2016 21:56
 Operator : UM/SJ
 Sample : H4152-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-6.0-7.0

Quant Time: Jul 25 00:54:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

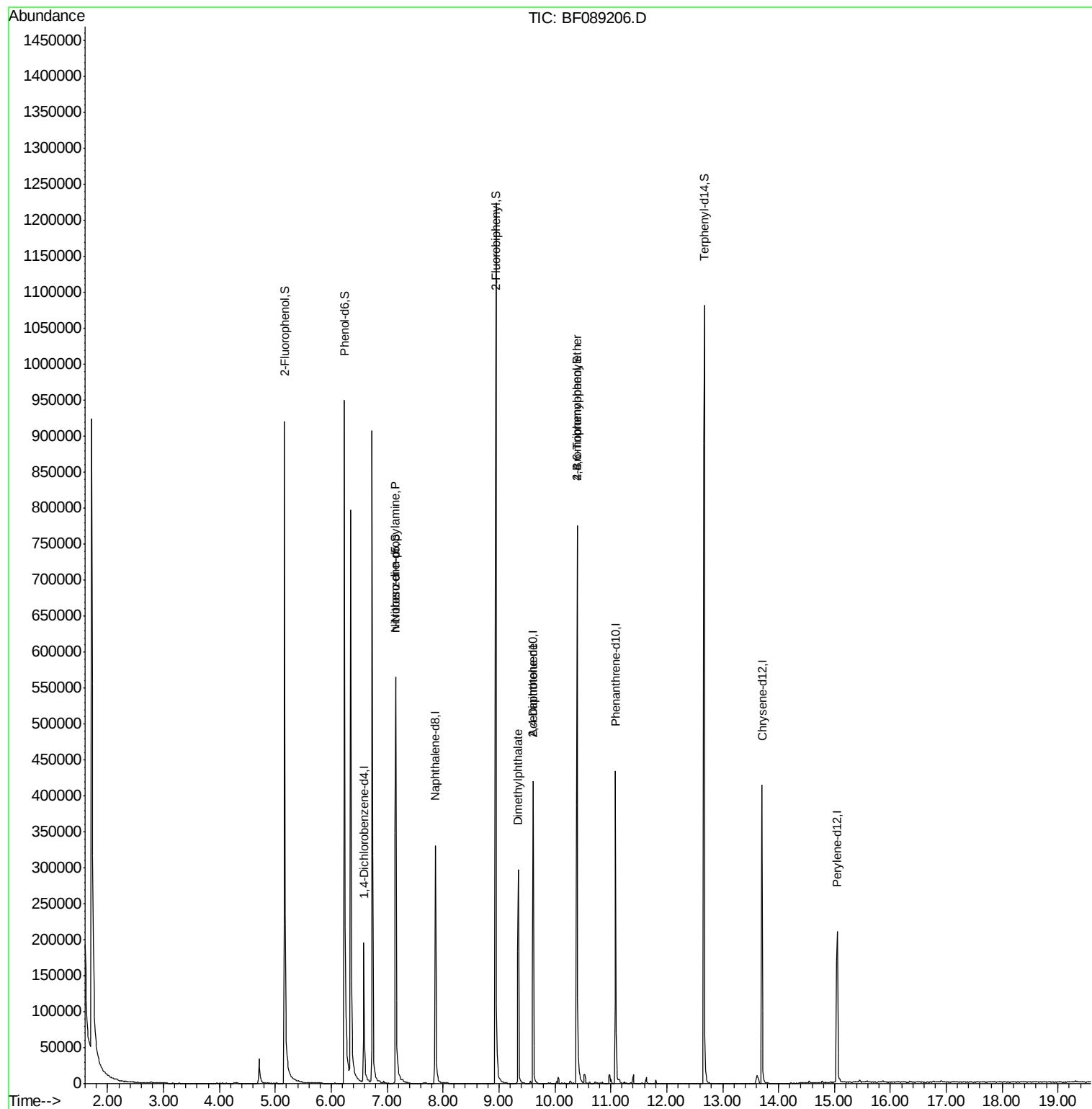
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	44574	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	190863	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	95064	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	189434	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	149554	20.00	ng	-0.02
86) Perylene-d12	15.05	264	115164	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	350831	119.70	ng	-0.02
7) Phenol-d6	6.24	99	489497	129.51	ng	-0.03
23) Nitrobenzene-d5	7.15	82	301754	84.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	103284	120.67	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	544448	78.91	ng	-0.02
78) Terphenyl-d14	12.67	244	483719	70.15	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.24	77	565	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	38339	15.51 ng	#	79
49) Dimethylphthalate	9.35	163	175392	24.04 ng		100
56) 2,4-Dinitrotoluene	9.61	165	11512	5.43 ng	#	10
66) 4-Bromophenyl-phenylether	10.40	248	7777	4.15 ng	#	1

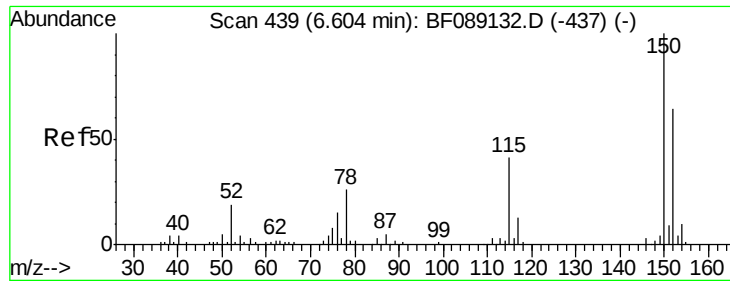
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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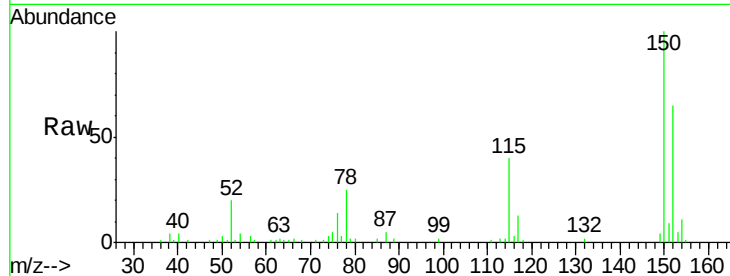


#1

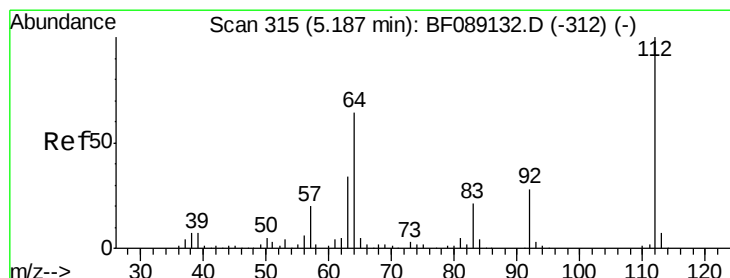
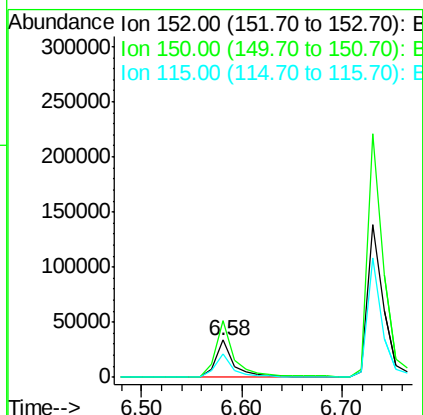
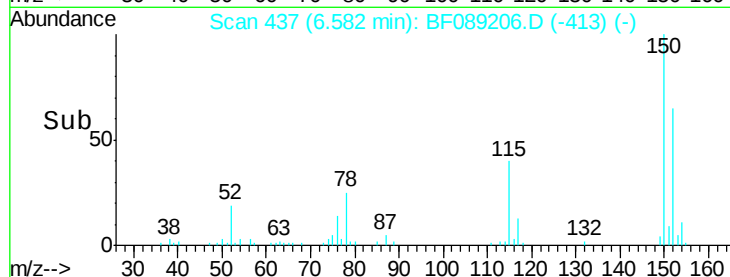
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089206.D
 Acq: 22 Jul 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-6.0-7.0

Tgt Ion:152 Resp: 44574
 Ion Ratio Lower Upper
 152 100
 150 153.3 125.1 187.7
 115 61.9 51.1 76.7



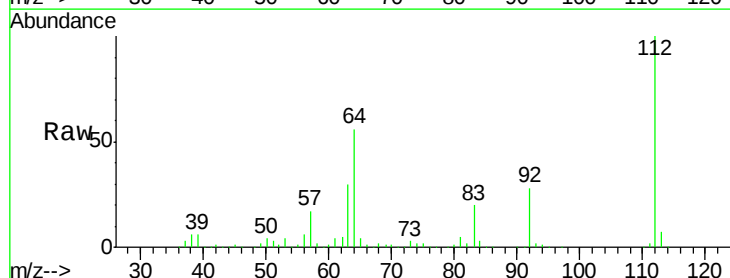
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



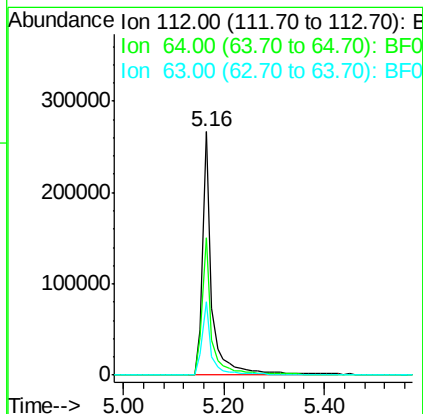
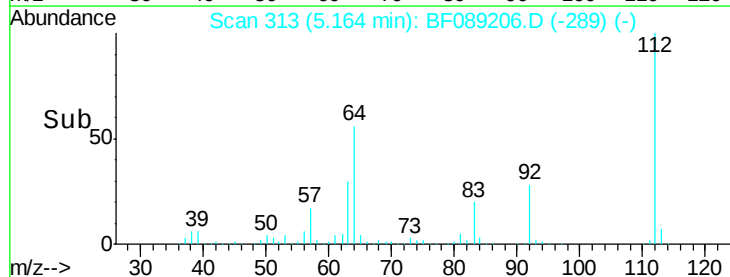
#5

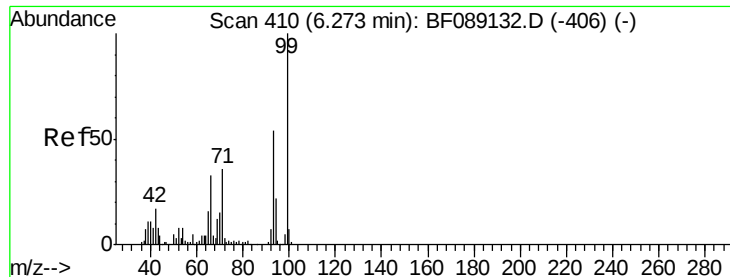
2-Fluorophenol
 Concen: 119.70 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089206.D
 Acq: 22 Jul 2016 21:56

Tgt Ion:112 Resp: 350831
 Ion Ratio Lower Upper
 112 100
 64 56.5 51.0 76.4
 63 30.0 27.3 40.9



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: 129.51 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089206.D

Acq: 22 Jul 2016 21:56

Instrument :

BNA_F

ClientSampleId :

SB-14-6.0-7.0

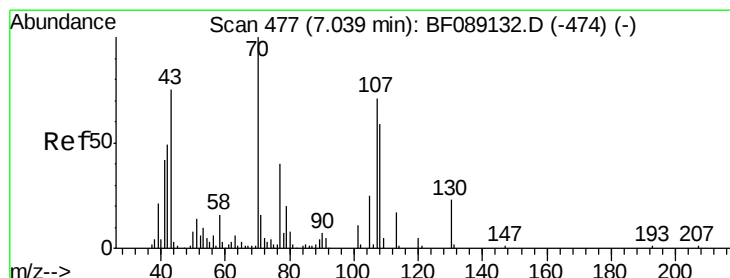
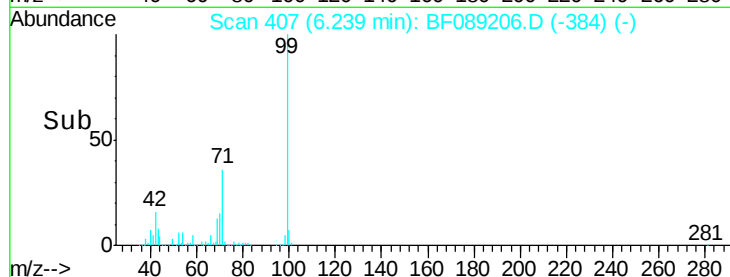
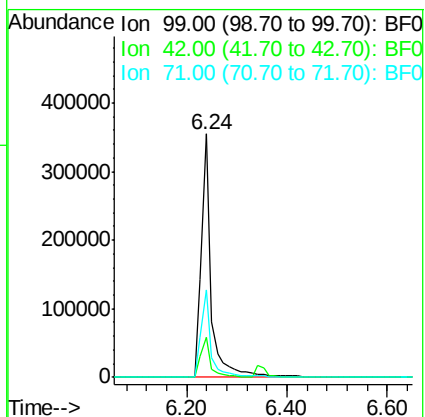
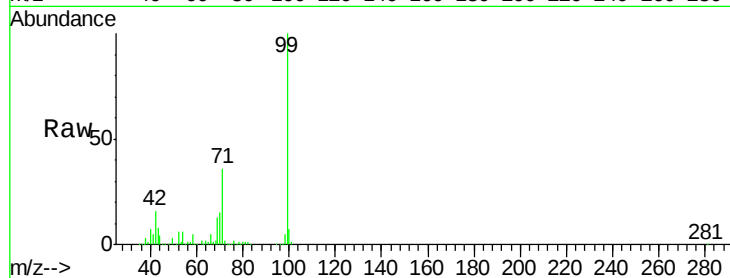
Tgt Ion: 99 Resp: 489497

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 36.1 28.9 43.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.51 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089206.D

Acq: 22 Jul 2016 21:56

Tgt Ion: 70 Resp: 38339

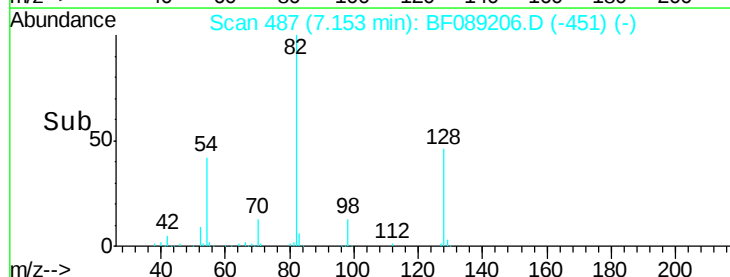
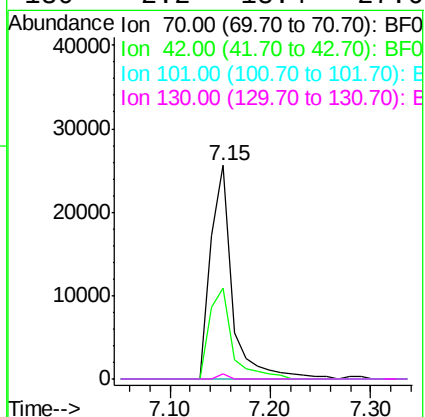
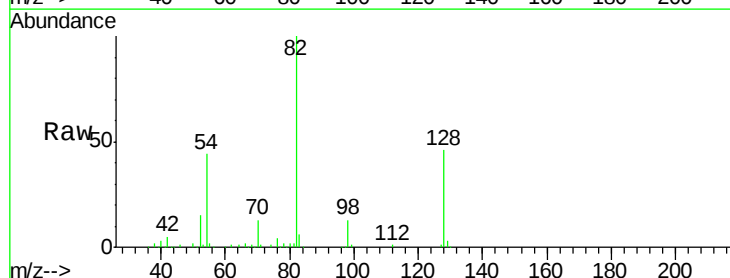
Ion Ratio Lower Upper

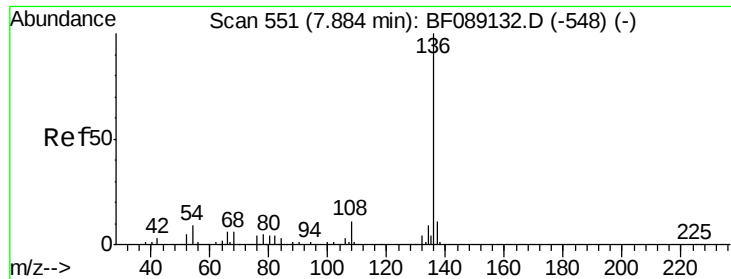
70 100

42 42.7 39.2 58.8

101 0.0 8.5 12.7#

130 2.2 18.4 27.6#

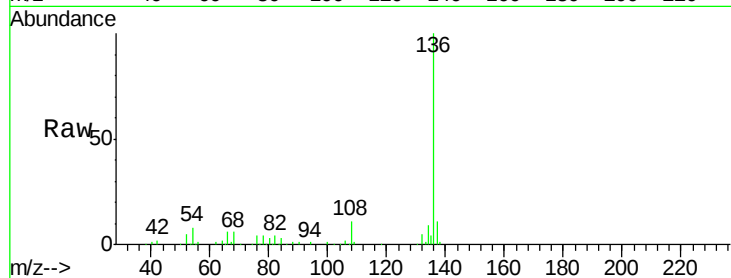




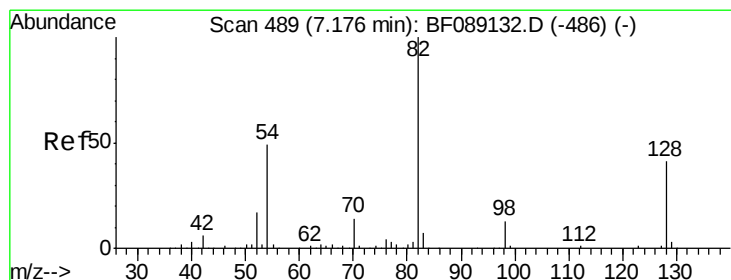
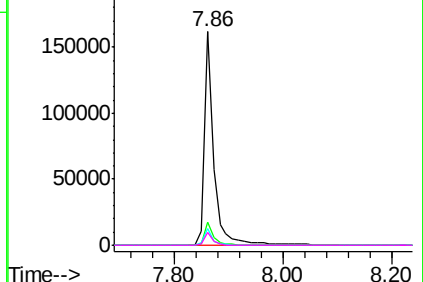
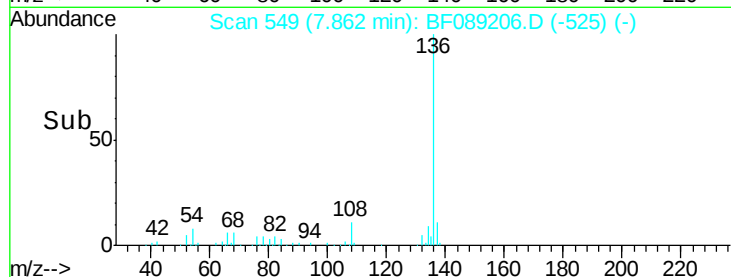
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089206.D
Acq: 22 Jul 2016 21:56

Instrument :
BNA_F
ClientSampleId :
SB-14-6.0-7.0

Tgt Ion:	136	Resp:	190863
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	7.0	10.4
68	5.8	5.0	7.6

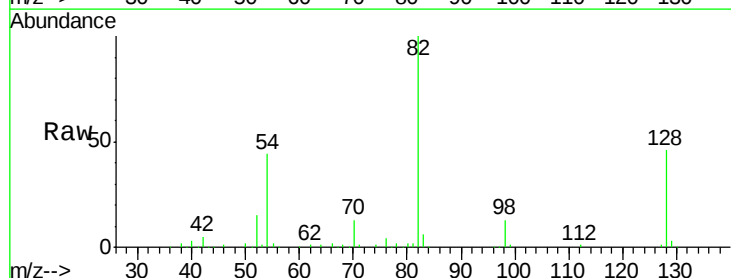


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

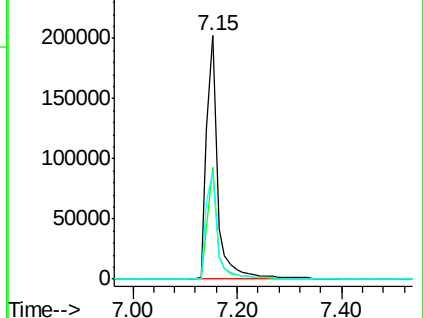
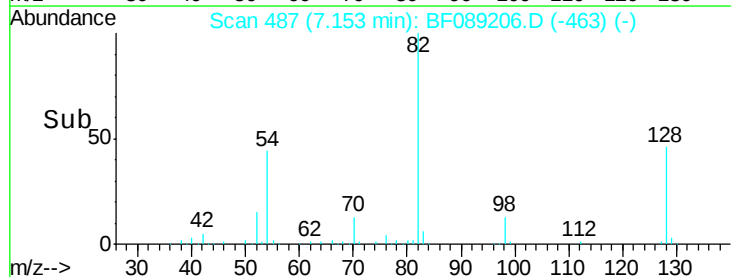


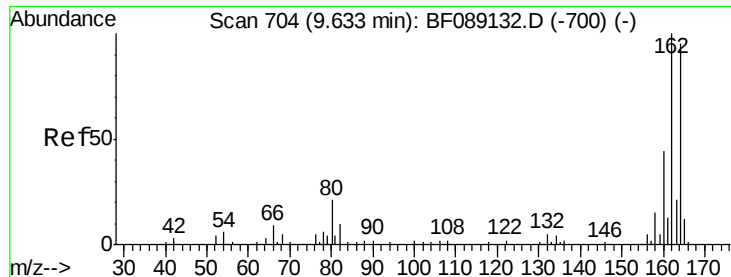
#23
Nitrobenzene-d5
Concen: 84.00 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089206.D
Acq: 22 Jul 2016 21:56

Tgt Ion:	82	Resp:	301754
Ion	Ratio	Lower	Upper
82	100		
128	45.7	33.0	49.6
54	43.8	39.0	58.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089206.D

Acq: 22 Jul 2016 21:56

Instrument :

BNA_F

ClientSampleId :

SB-14-6.0-7.0

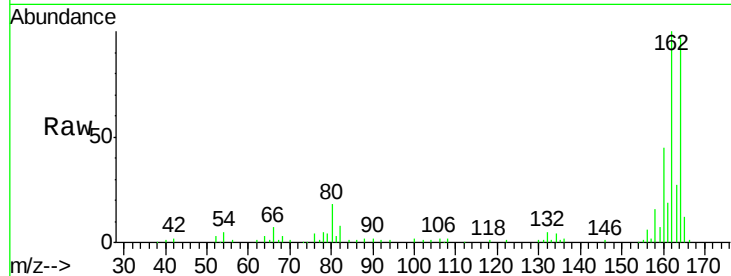
Tgt Ion:164 Resp: 95064

Ion Ratio Lower Upper

164 100

162 103.5 84.1 126.1

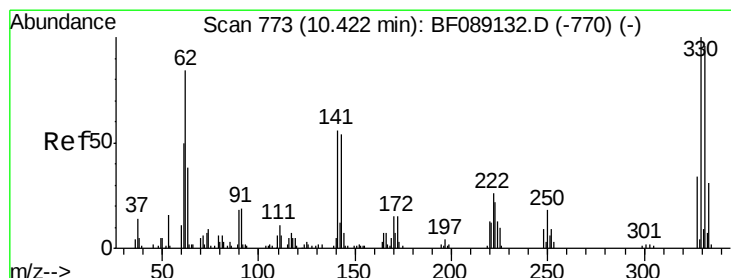
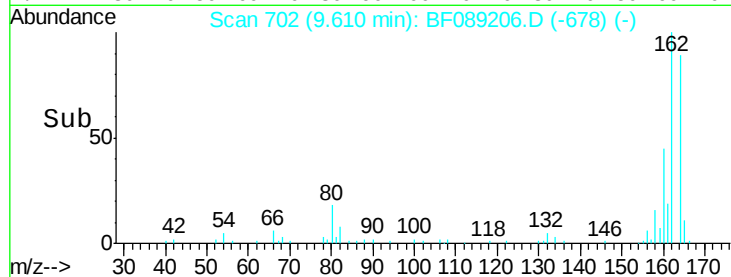
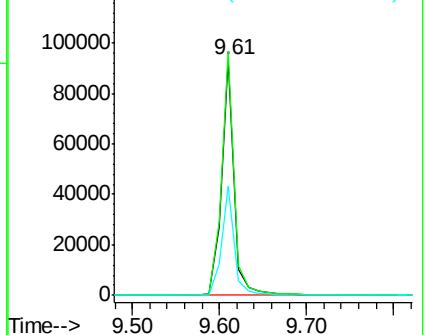
160 46.5 37.1 55.7



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: 120.67 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF089206.D

Acq: 22 Jul 2016 21:56

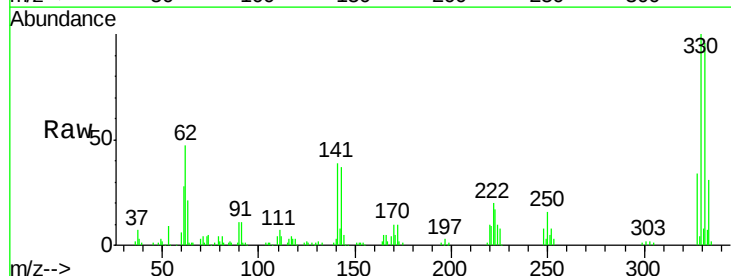
Tgt Ion:330 Resp: 103284

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

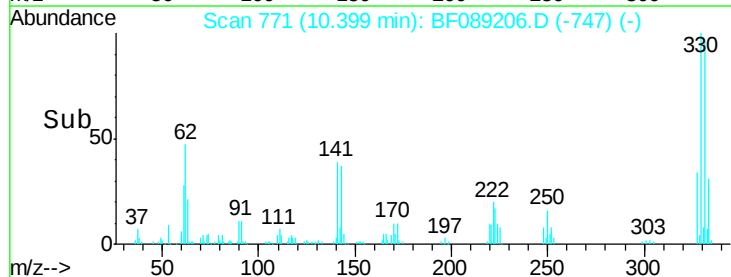
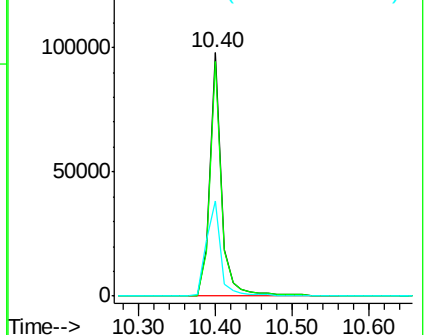
141 48.0 42.2 63.2

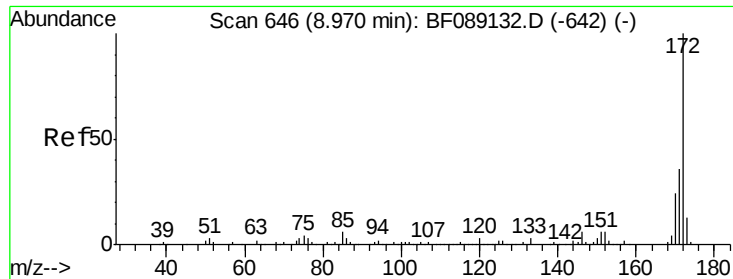


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

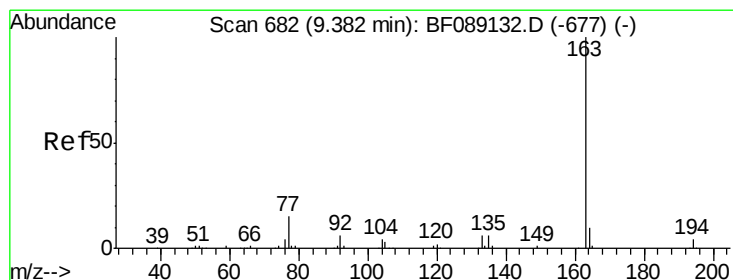
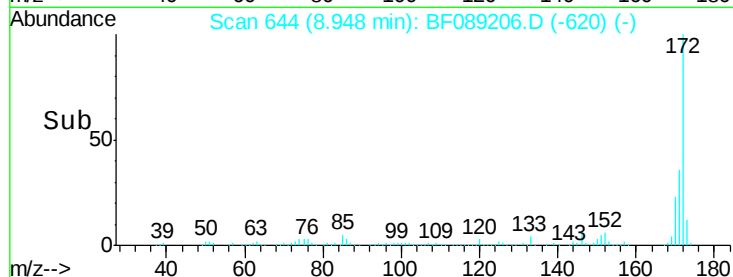
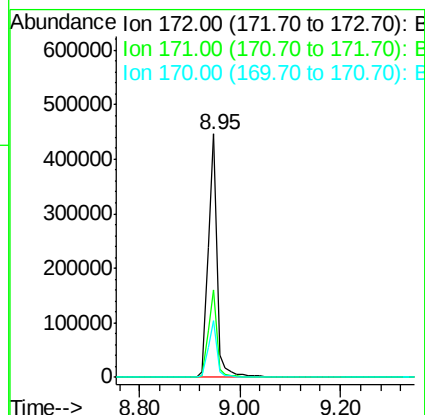
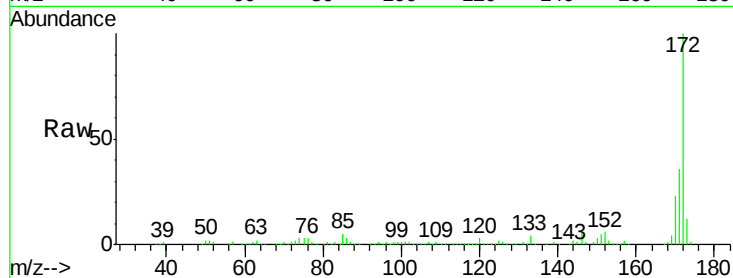




#44
 2-Fluorobiphenyl
 Concen: 78.91 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089206.D
 Acq: 22 Jul 2016 21:56

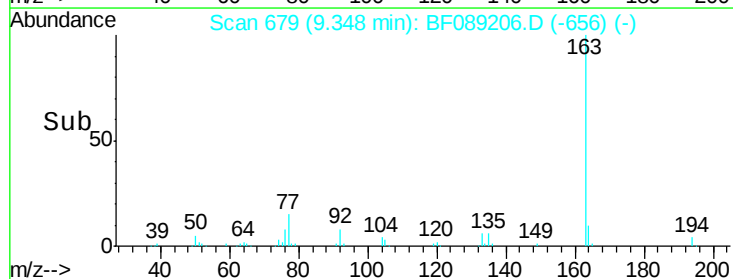
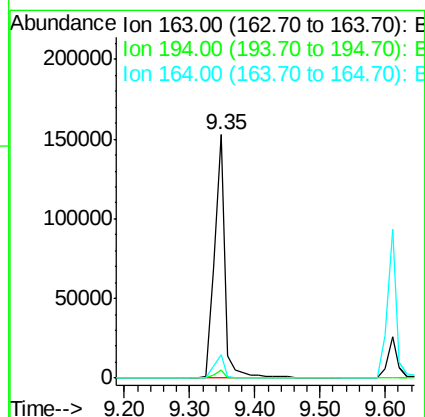
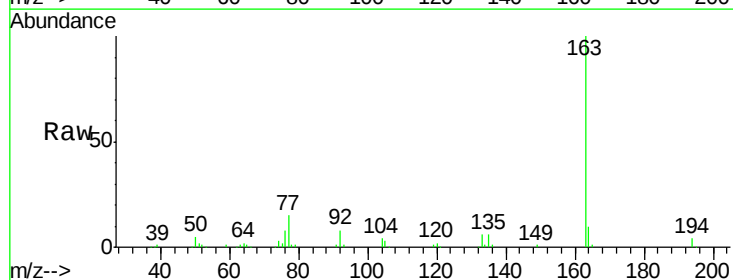
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-6.0-7.0

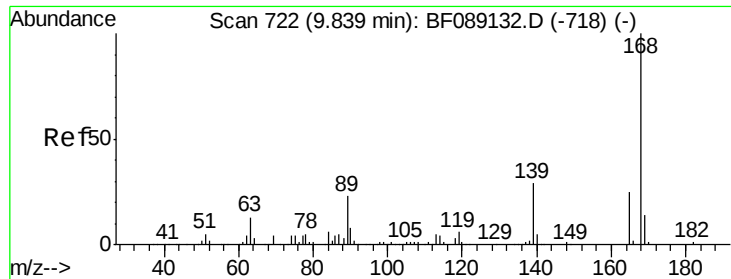
Tgt Ion:172 Resp: 544448
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.5 19.1 28.7



#49
 Dimethylphthalate
 Concen: 24.04 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF089206.D
 Acq: 22 Jul 2016 21:56

Tgt Ion:163 Resp: 175392
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.9 4.3
 164 9.7 7.6 11.4

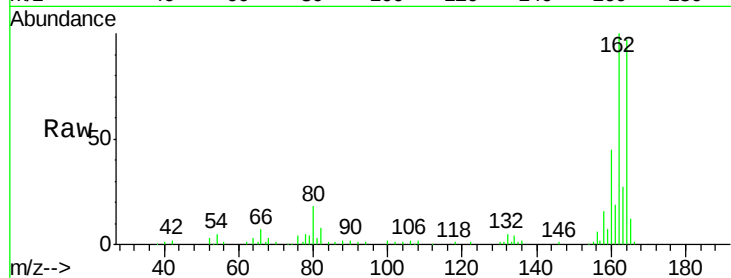




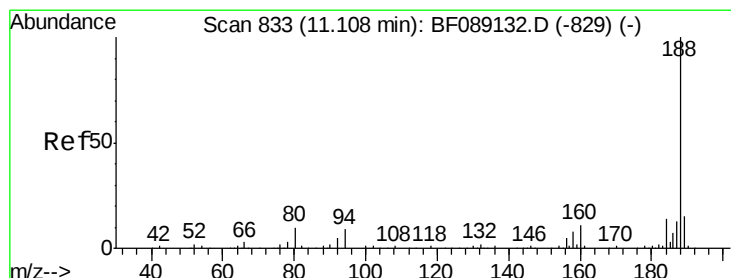
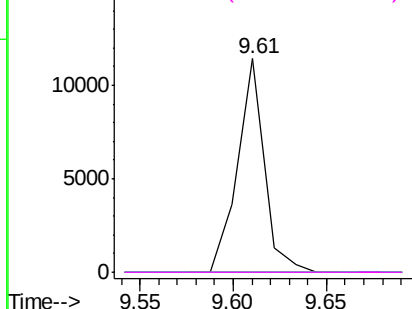
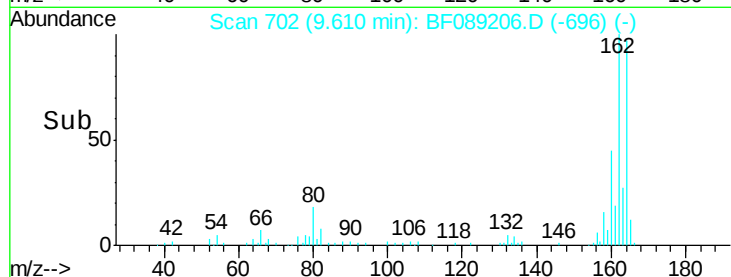
#56
 2,4-Dinitrotoluene
 Concen: 5.43 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.23 min
 Lab File: BF089206.D
 Acq: 22 Jul 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-6.0-7.0

Tgt Ion:165 Resp: 11512
 Ion Ratio Lower Upper
 165 100
 63 0.0 55.4 83.2#
 89 0.0 74.3 111.5#
 182 0.0 2.0 3.0#

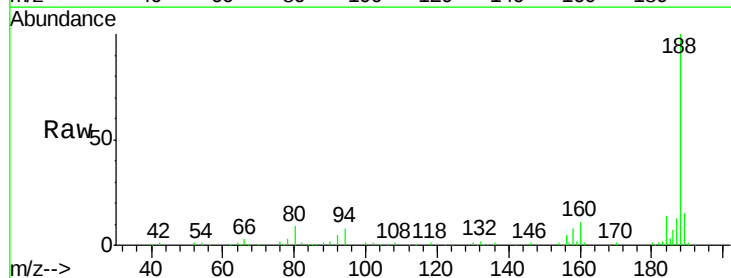


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

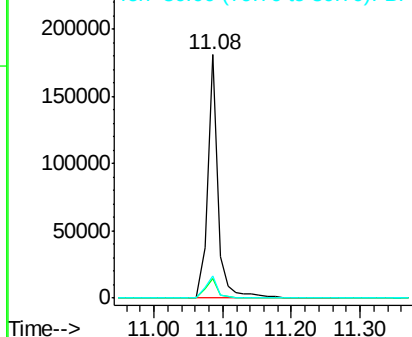
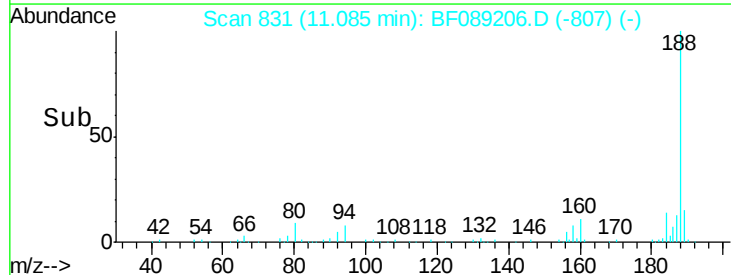


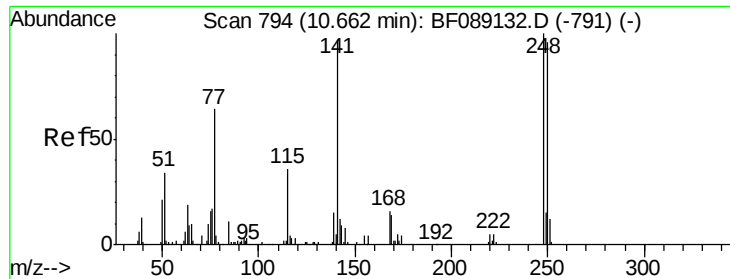
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089206.D
 Acq: 22 Jul 2016 21:56

Tgt Ion:188 Resp: 189434
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.0 10.4
 80 9.2 7.7 11.5



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

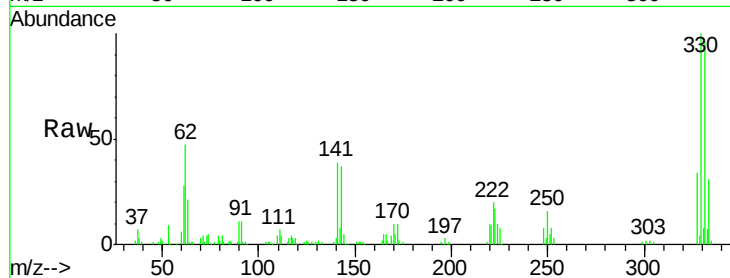




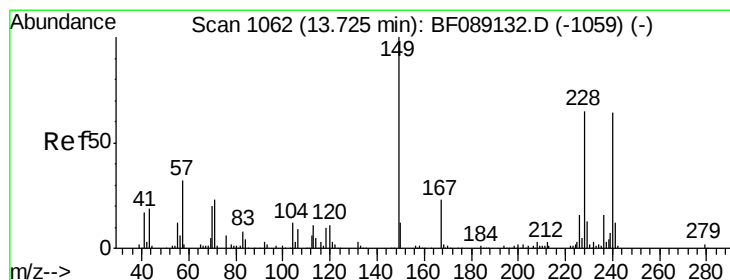
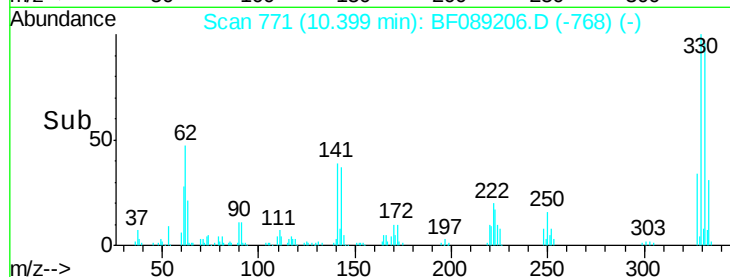
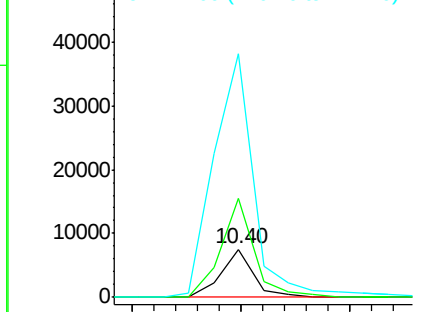
#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.26 min
Lab File: BF089206.D
Acq: 22 Jul 2016 21:56

Instrument :
BNA_F
ClientSampleId :
SB-14-6.0-7.0

Tgt Ion:248 Resp: 7777
Ion Ratio Lower Upper
248 100
250 204.5 76.9 115.3#
141 506.1 77.4 116.2#

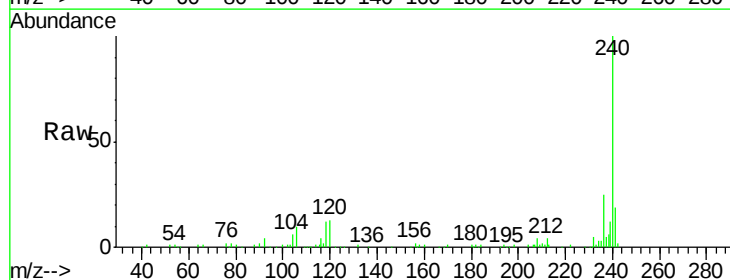


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

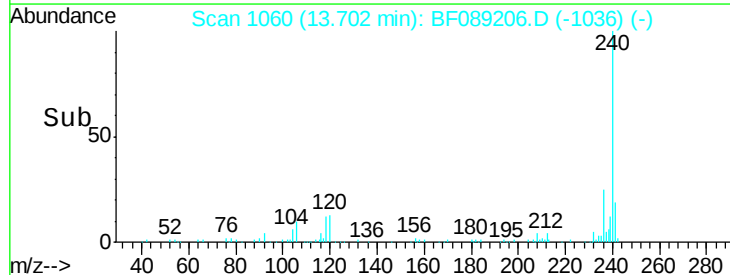
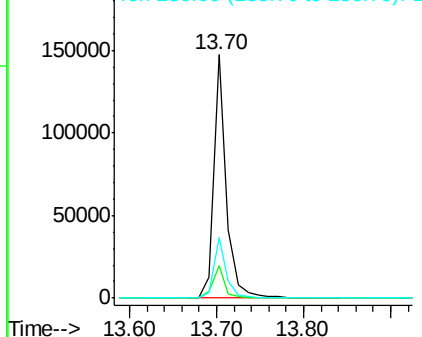


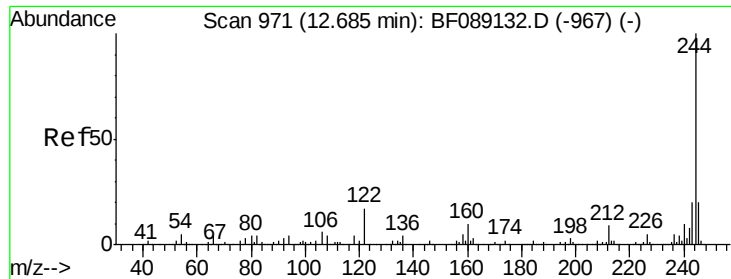
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF089206.D
Acq: 22 Jul 2016 21:56

Tgt Ion:240 Resp: 149554
Ion Ratio Lower Upper
240 100
120 13.1 13.6 20.4#
236 25.0 20.5 30.7



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

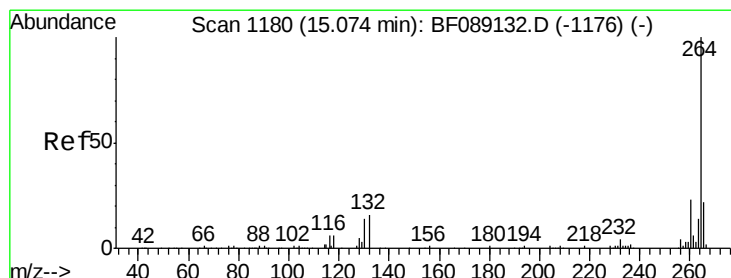
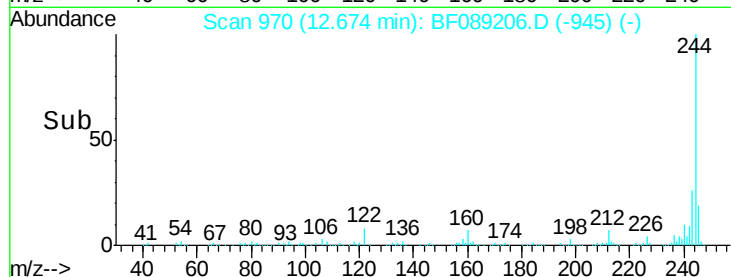
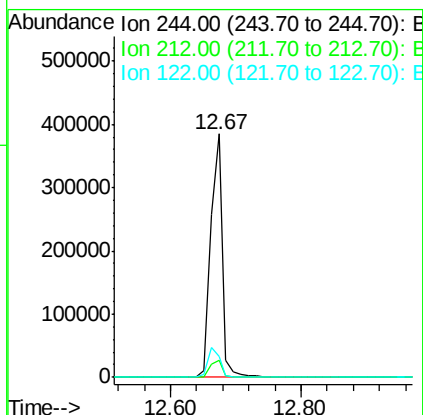
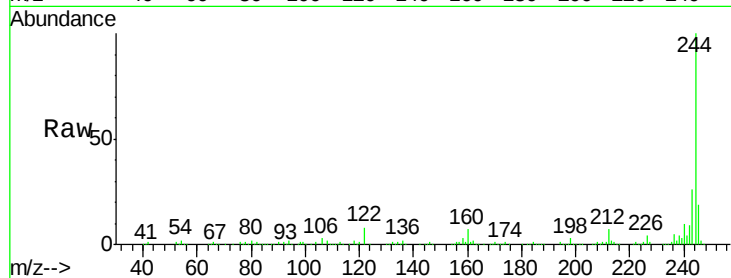




#78
 Terphenyl-d14
 Concen: 70.15 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089206.D
 Acq: 22 Jul 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-6.0-7.0

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	7.0	10.4
122	8.5	13.8	20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089206.D
 Acq: 22 Jul 2016 21:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.0	17.3	25.9

