

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089297.D
 Acq On : 26 Jul 2016 2:18
 Operator : UM/SJ
 Sample : H4184-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Jul 26 03:51:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

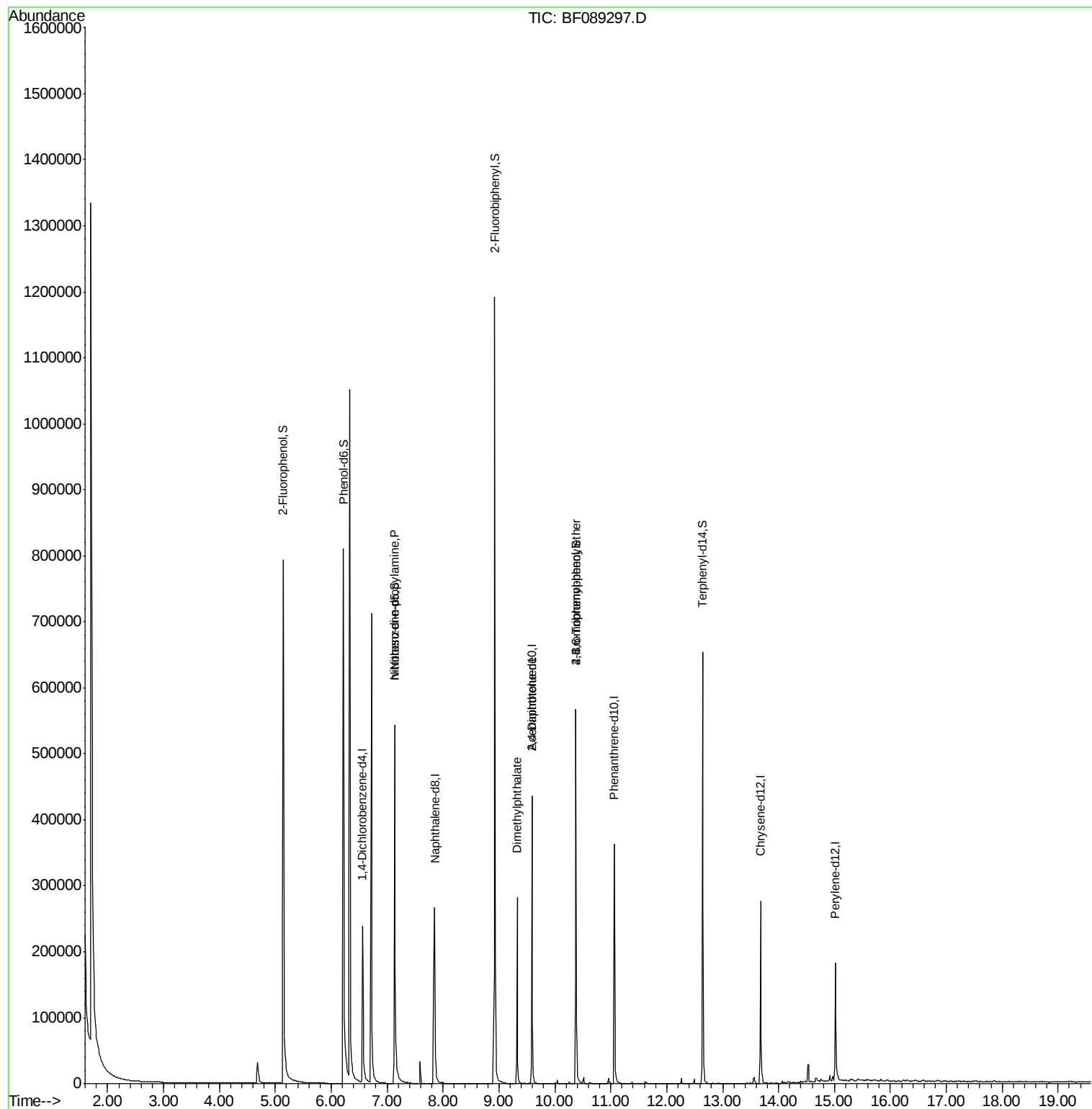
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	49812	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	191490	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	86255	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	150644	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	101171	20.00	ng	-0.01
86) Perylene-d12	15.02	264	84767	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	298528	91.15	ng	0.00
7) Phenol-d6	6.22	99	378747	89.67	ng	-0.01
23) Nitrobenzene-d5	7.13	82	244742	67.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	66197	85.24	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	388069	61.99	ng	-0.01
78) Terphenyl-d14	12.64	244	228101	48.90	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.22	77	326	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	31213	11.30	ng	# 82
49) Dimethylphthalate	9.32	163	116760	17.64	ng	99
56) 2,4-Dinitrotoluene	9.59	165	11014	5.72	ng	# 10
66) 4-Bromophenyl-phenylether	10.38	248	4892	3.28	ng	# 1

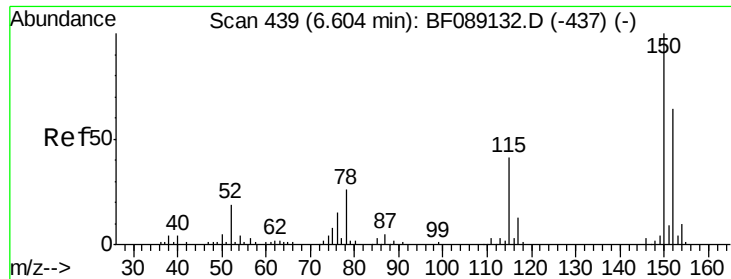
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089297.D
Acq On : 26 Jul 2016 2:18
Operator : UM/SJ
Sample : H4184-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Quant Time: Jul 26 03:51:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration

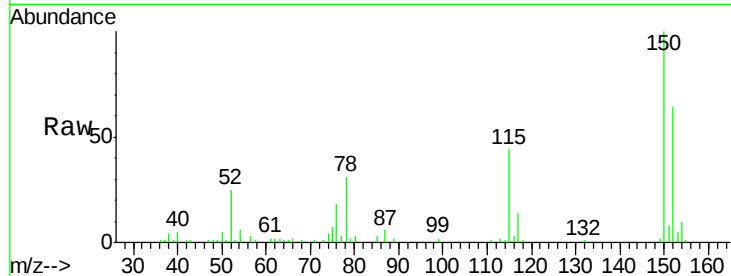




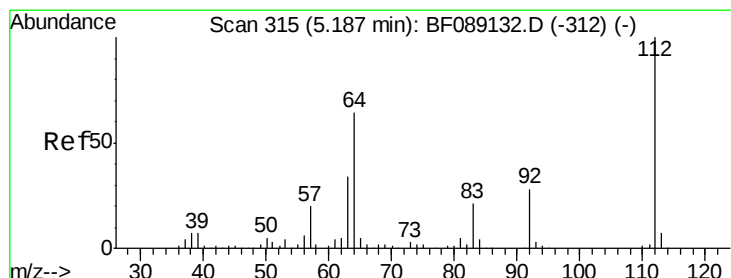
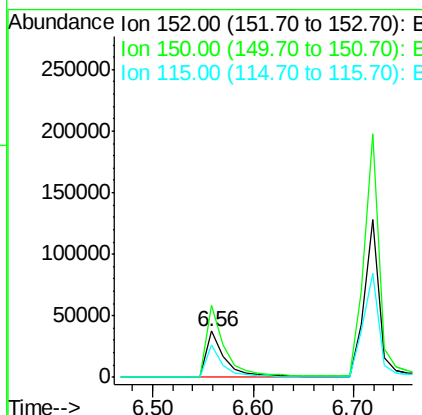
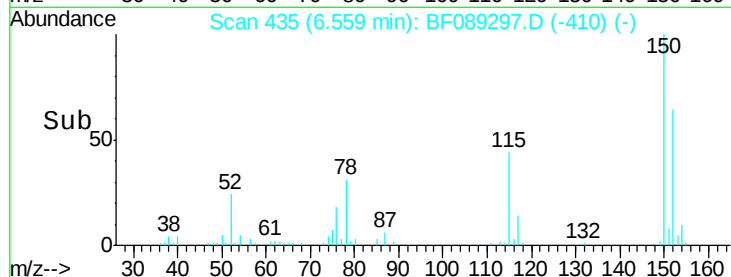
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF089297.D
 Acq: 26 Jul 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:152 Resp: 49812
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.1 187.7
 115 69.4 51.1 76.7

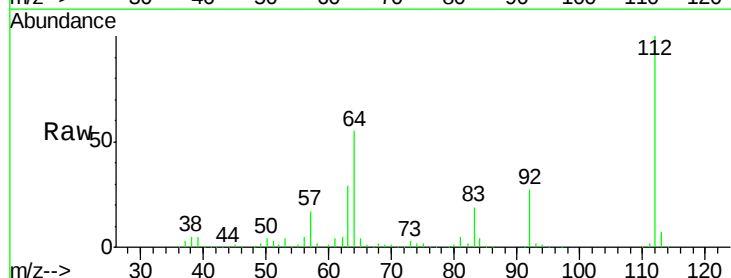


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

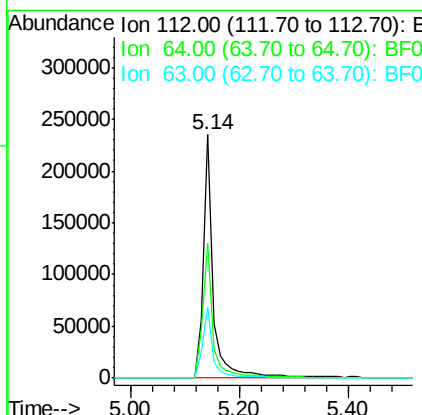
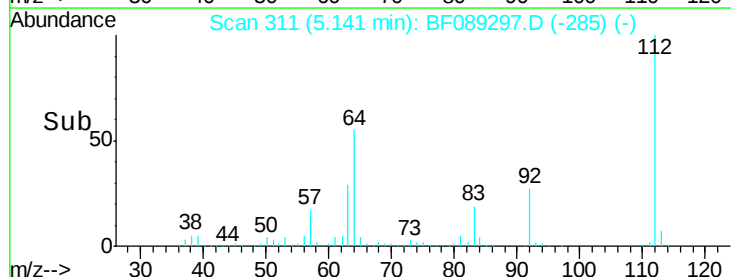


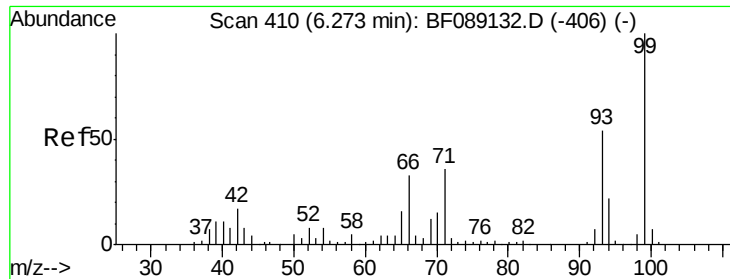
#5
 2-Fluorophenol
 Concen: 91.15 ng
 RT: 5.14 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: BF089297.D
 Acq: 26 Jul 2016 2:18

Tgt Ion:112 Resp: 298528
 Ion Ratio Lower Upper
 112 100
 64 55.3 51.0 76.4
 63 29.1 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: 89.67 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089297.D

Acq: 26 Jul 2016 2:18

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

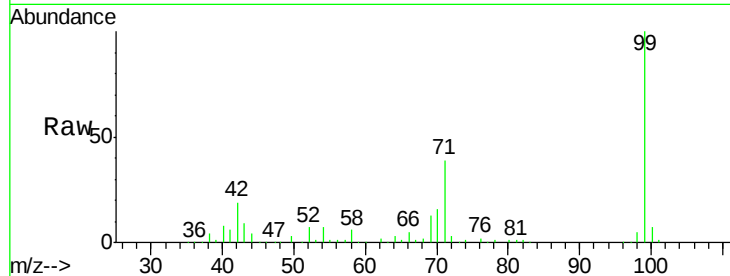
Tgt Ion: 99 Resp: 378747

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

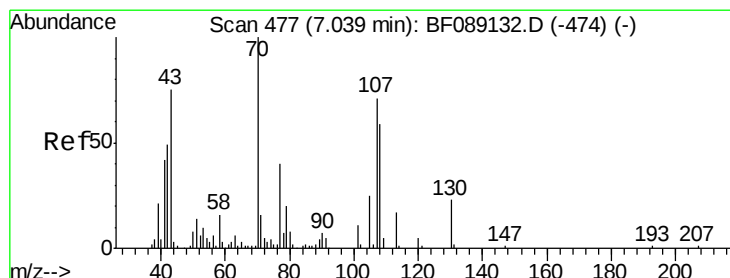
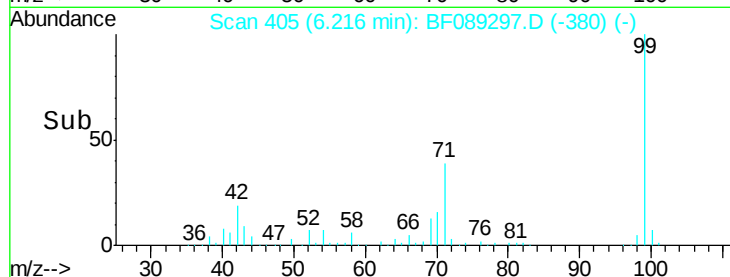
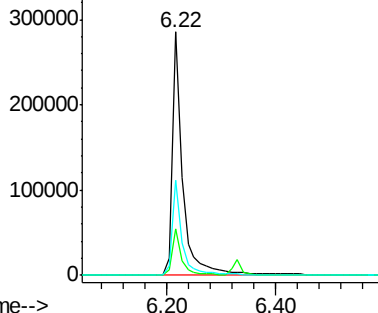
71 38.9 28.9 43.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.30 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089297.D

Acq: 26 Jul 2016 2:18

Tgt Ion: 70 Resp: 31213

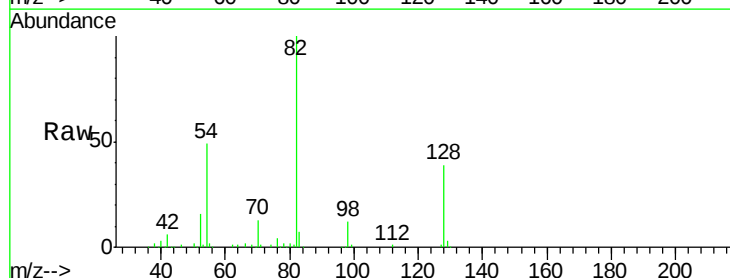
Ion Ratio Lower Upper

70 100

42 46.3 39.2 58.8

101 0.0 8.5 12.7#

130 1.8 18.4 27.6#

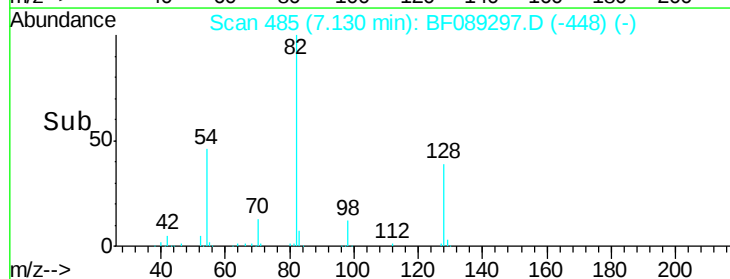
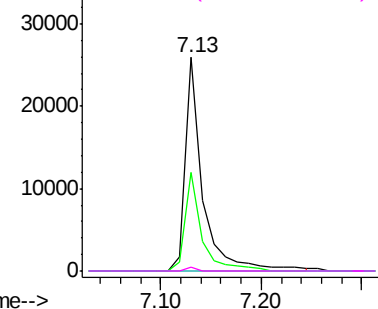


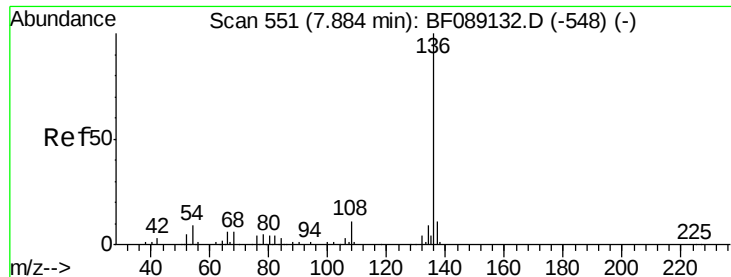
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

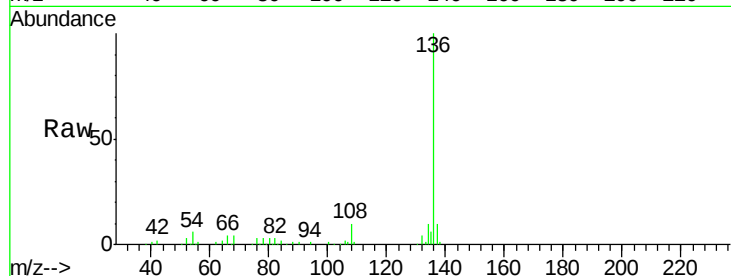




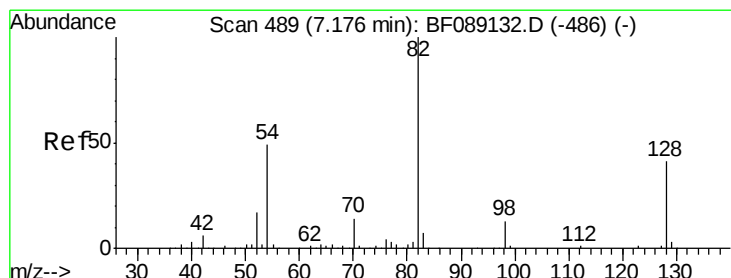
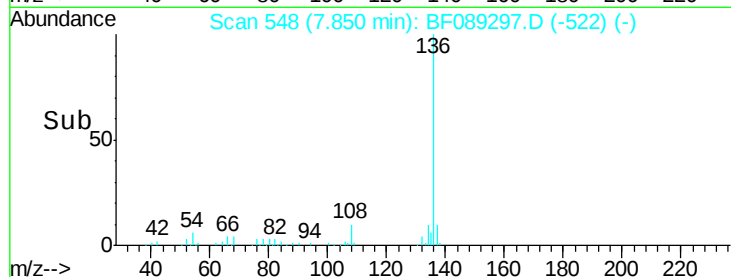
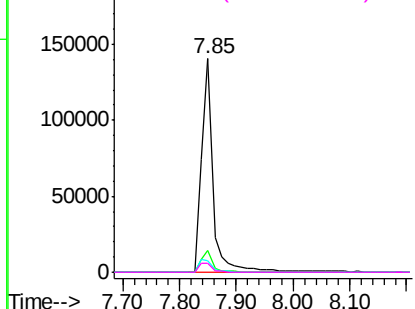
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089297.D
Acq: 26 Jul 2016 2:18

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion:	136	Resp:	191490
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	5.7	7.0	10.4#
68	4.5	5.0	7.6#

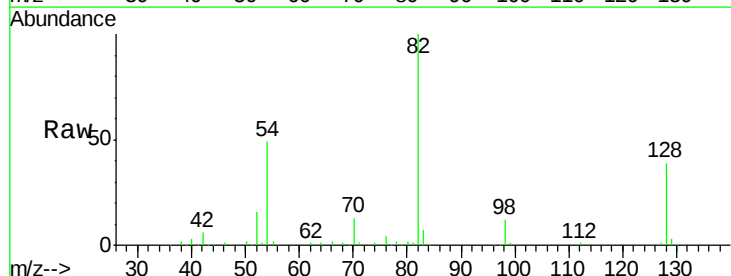


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

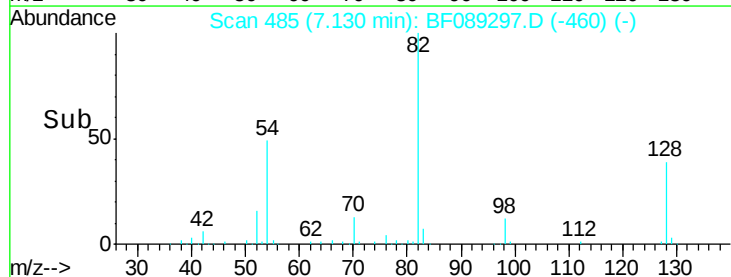
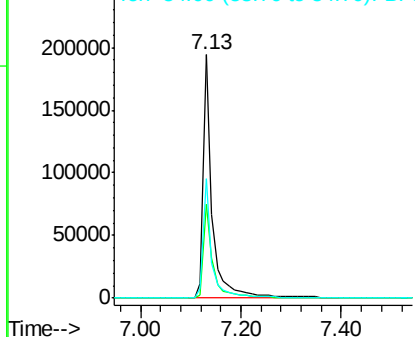


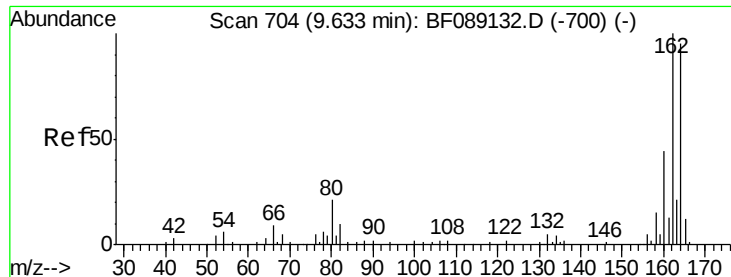
#23
Nitrobenzene-d5
Concen: 67.91 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF089297.D
Acq: 26 Jul 2016 2:18

Tgt Ion:	82	Resp:	244742
Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.0	49.6
54	48.9	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: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF089297.D

Acq: 26 Jul 2016 2:18

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

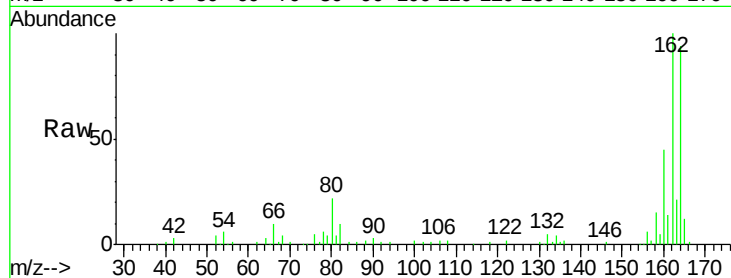
Tgt Ion:164 Resp: 86255

Ion Ratio Lower Upper

164 100

162 106.6 84.1 126.1

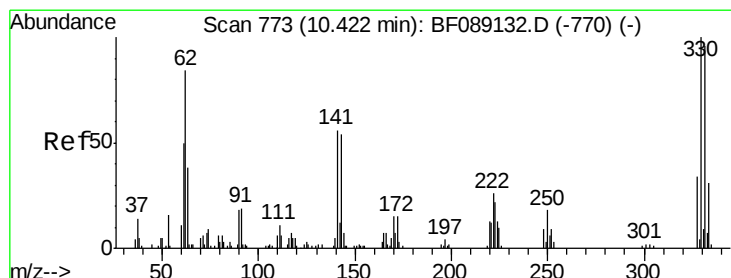
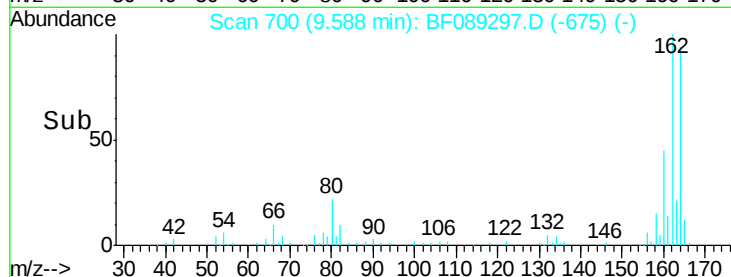
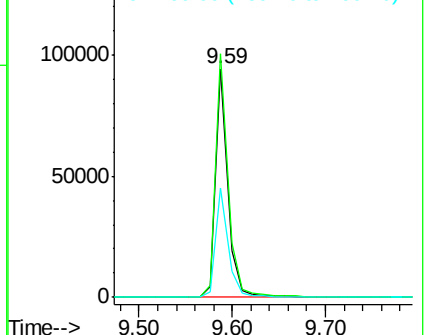
160 47.6 37.1 55.7



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: 85.24 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF089297.D

Acq: 26 Jul 2016 2:18

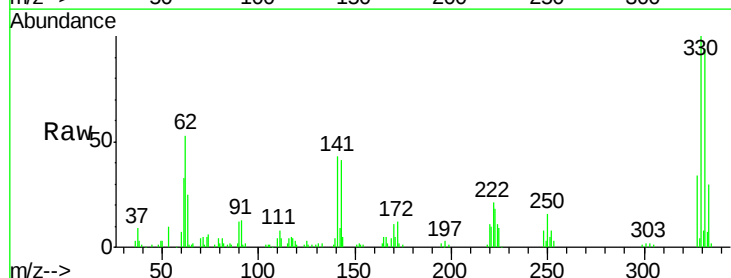
Tgt Ion:330 Resp: 66197

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

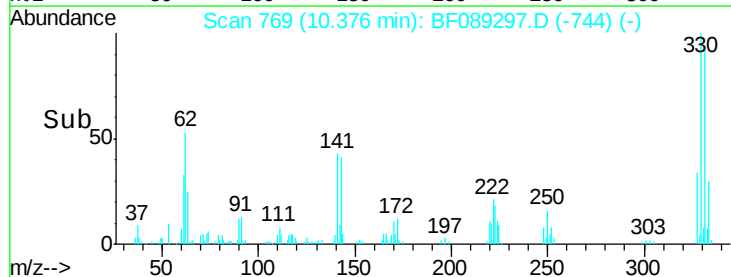
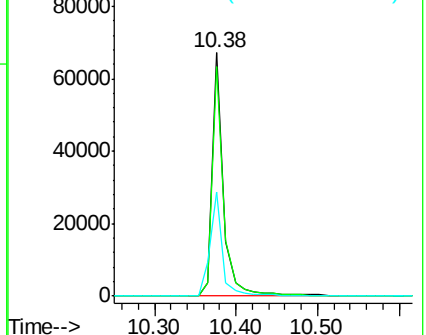
141 47.4 42.2 63.2

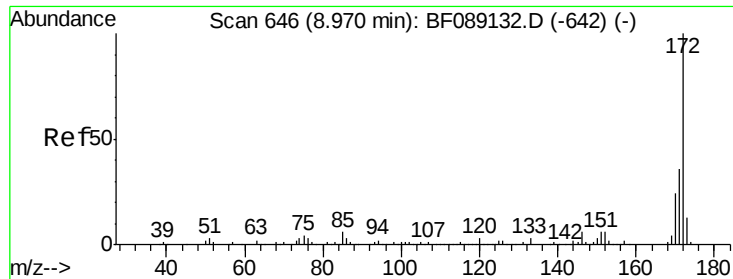


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

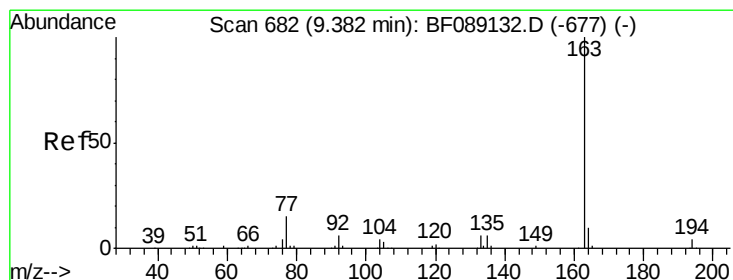
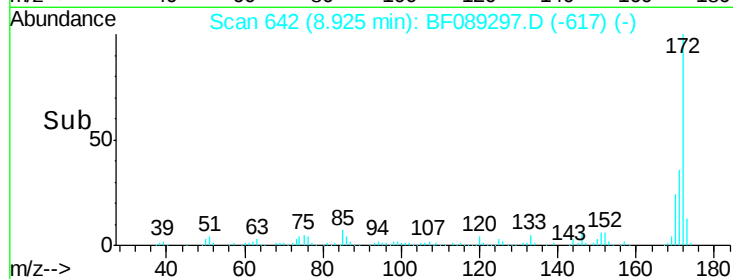
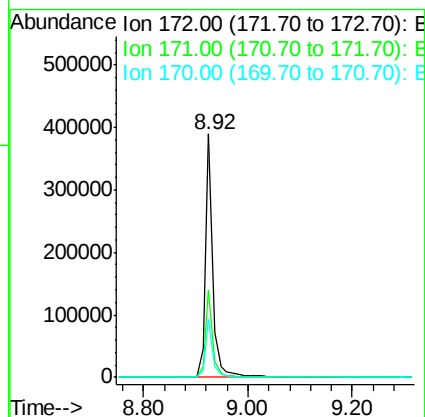
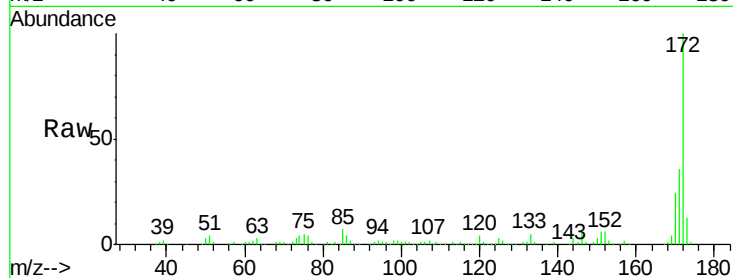




#44
 2-Fluorobiphenyl
 Concen: 61.99 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089297.D
 Acq: 26 Jul 2016 2:18

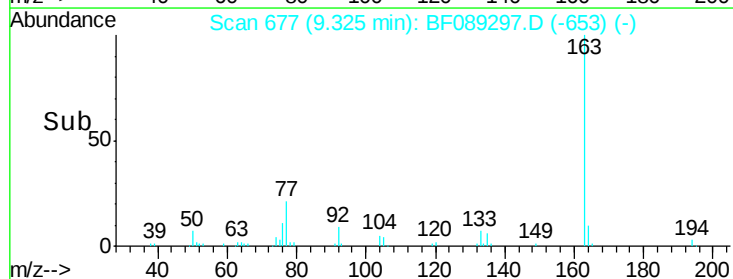
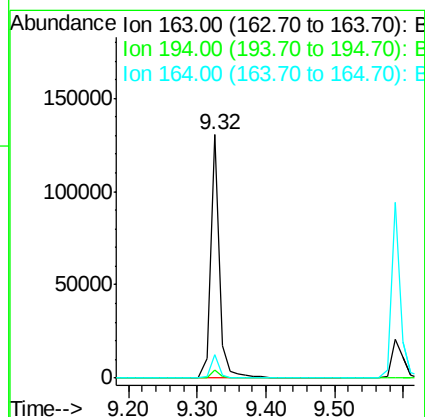
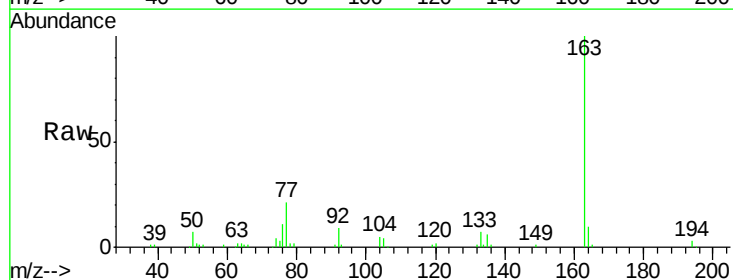
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

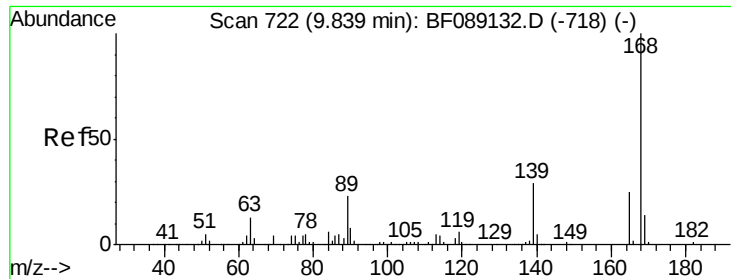
Tgt Ion:172 Resp: 388069
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.8 19.1 28.7



#49
 Dimethylphthalate
 Concen: 17.64 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF089297.D
 Acq: 26 Jul 2016 2:18

Tgt Ion:163 Resp: 116760
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.9 4.3
 164 9.8 7.6 11.4

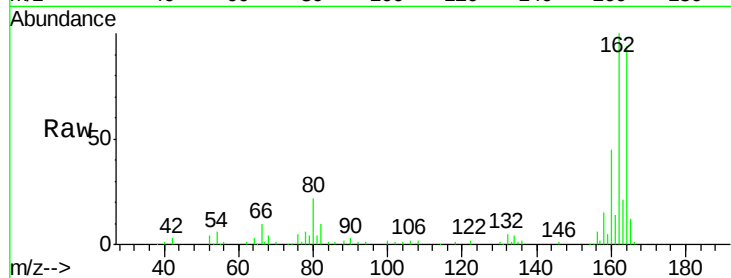




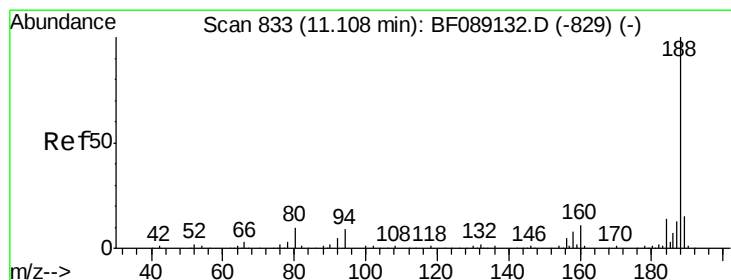
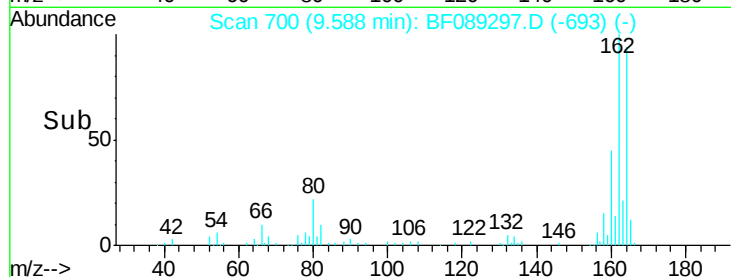
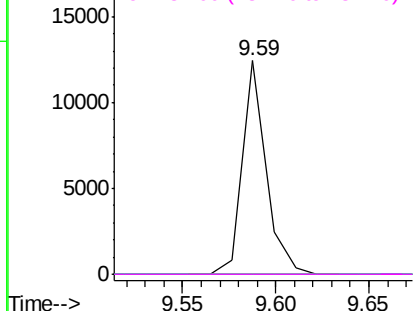
#56
 2,4-Dinitrotoluene
 Concen: 5.72 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF089297.D
 Acq: 26 Jul 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:165 Resp: 11014
 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#

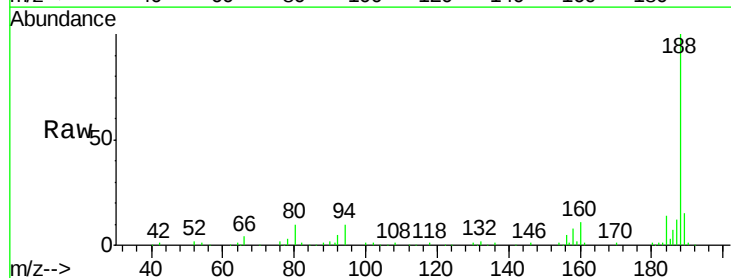


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

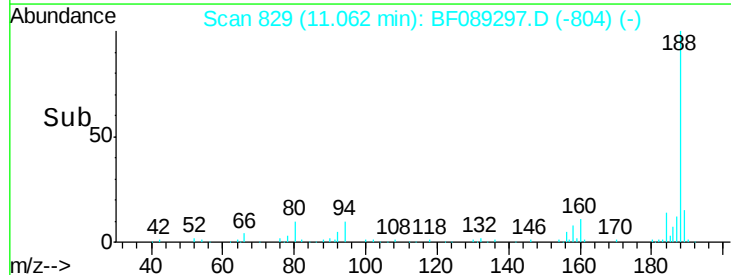
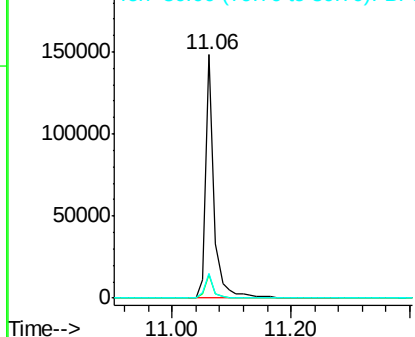


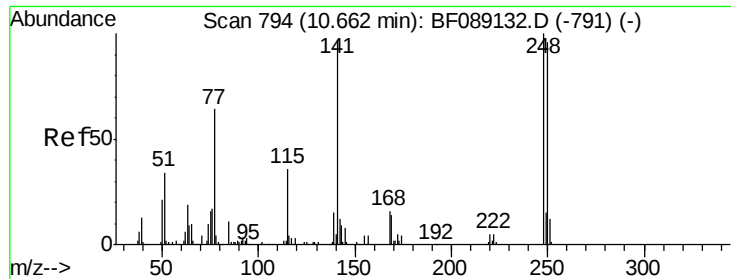
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF089297.D
 Acq: 26 Jul 2016 2:18

Tgt Ion:188 Resp: 150644
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.0 10.4
 80 10.2 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: 3.28 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.25 min

Lab File: BF089297.D

Acq: 26 Jul 2016 2:18

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

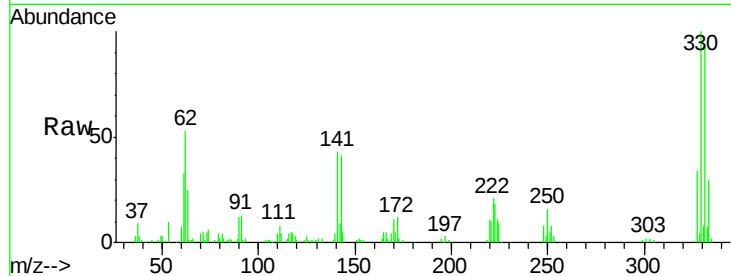
Tgt Ion:248 Resp: 4892

Ion Ratio Lower Upper

248 100

250 196.2 76.9 115.3#

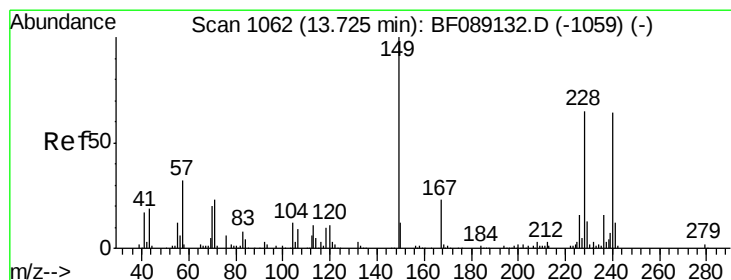
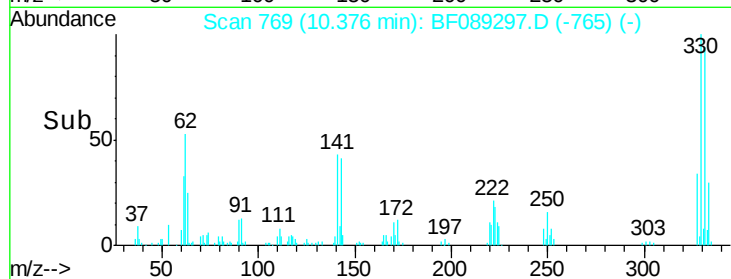
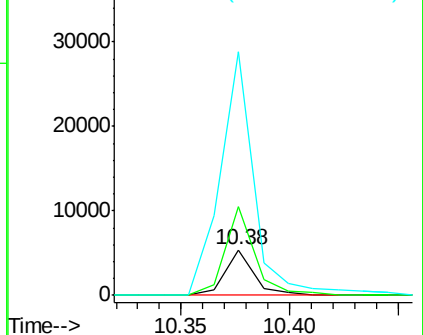
141 536.2 77.4 116.2#



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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089297.D

Acq: 26 Jul 2016 2:18

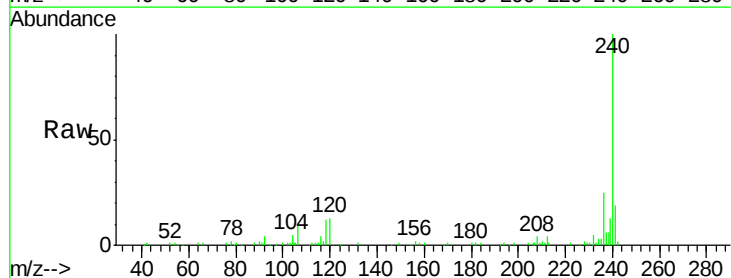
Tgt Ion:240 Resp: 101171

Ion Ratio Lower Upper

240 100

120 12.8 13.6 20.4#

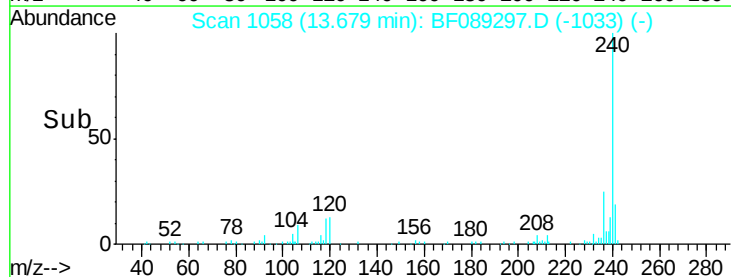
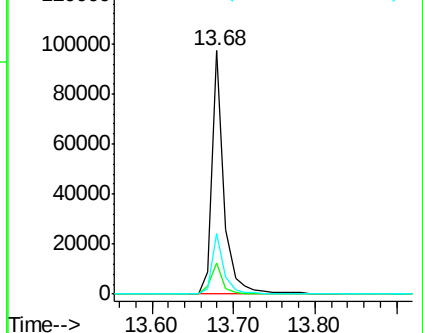
236 24.9 20.5 30.7

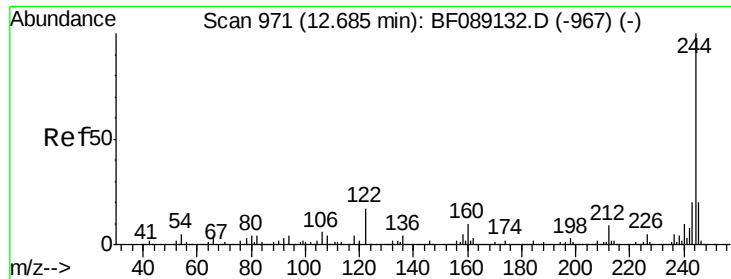


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

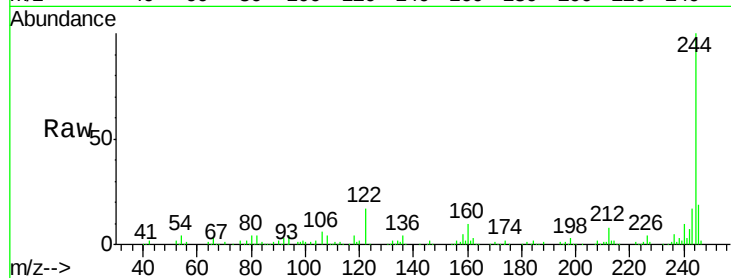




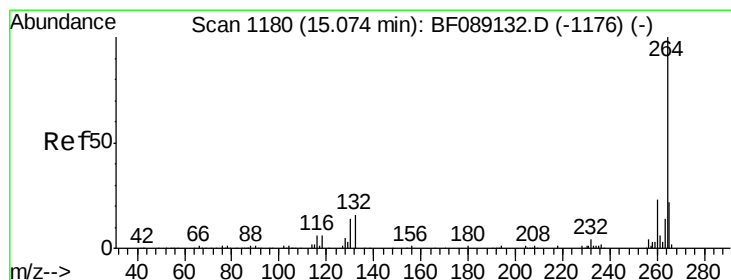
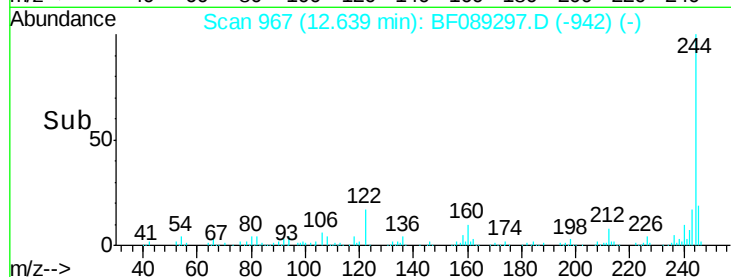
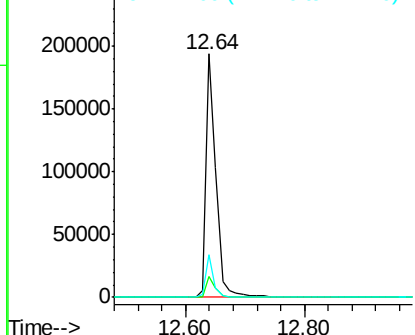
#78
 Terphenyl-d14
 Concen: 48.90 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF089297.D
 Acq: 26 Jul 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:244 Resp: 228101
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.0 10.4
 122 17.4 13.8 20.8

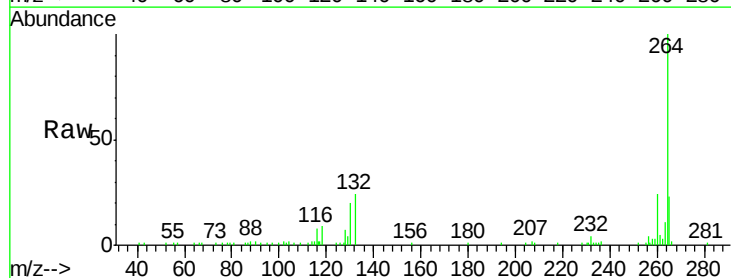


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089297.D
 Acq: 26 Jul 2016 2:18

Tgt Ion:264 Resp: 84767
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 22.7 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

