

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
 Data File : BF088244.D
 Acq On : 22 Jun 2016 7:21
 Operator : UM/SJ
 Sample : H3633-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEPMW2-26

Quant Time: Jun 22 08:32:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

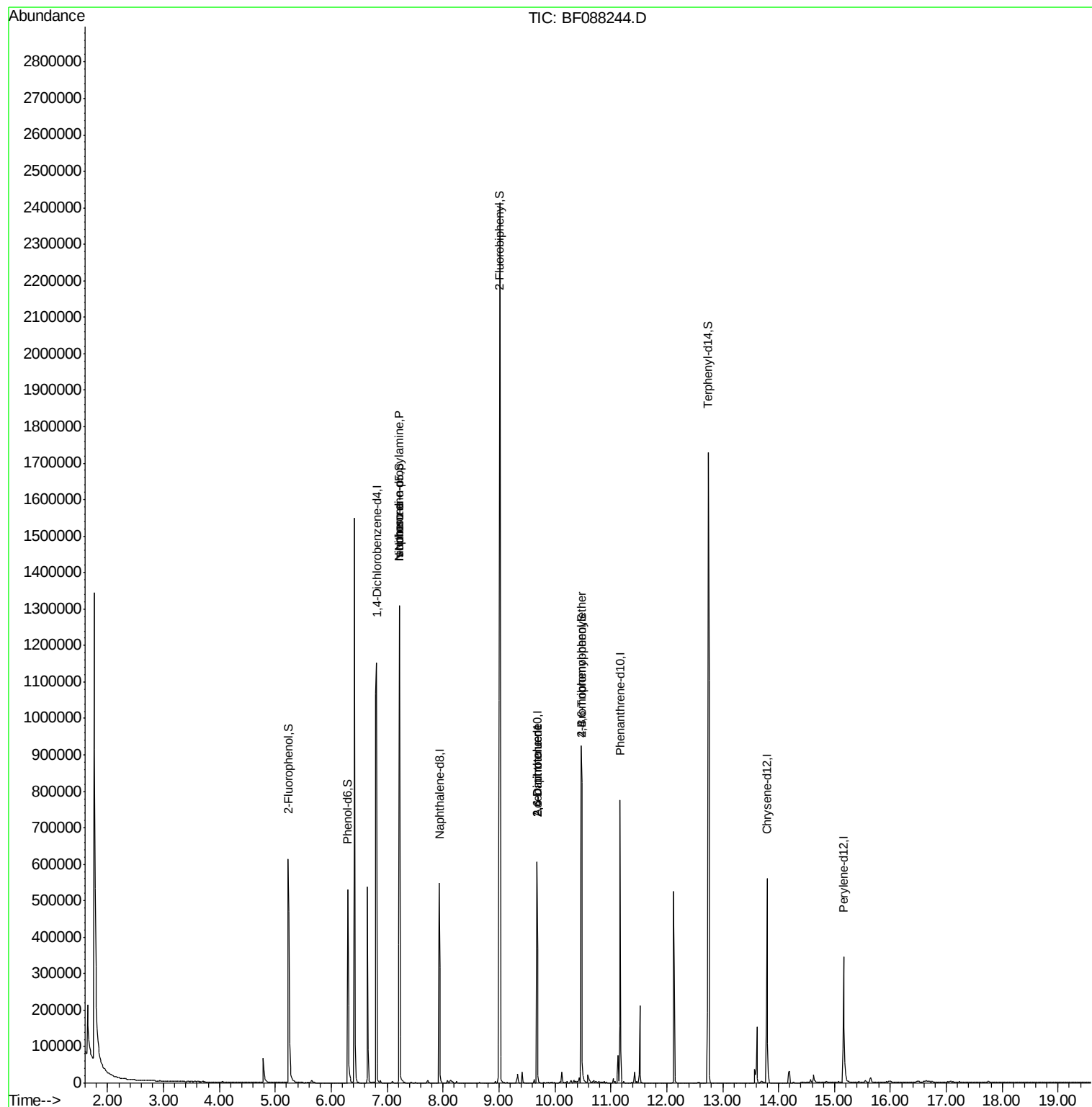
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	284090	20.00	ng	0.14
21) Naphthalene-d8	7.93	136	322667	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	148801	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	288500	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	220781	20.00	ng	-0.01
86) Perylene-d12	15.17	264	169648	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	287539	17.30	ng	-0.02
7) Phenol-d6	6.30	99	232457	11.54	ng	-0.03
23) Nitrobenzene-d5	7.22	82	452718	81.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	176800	112.53	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	849245	89.98	ng	-0.02
78) Terphenyl-d14	12.74	244	708617	73.04	ng	-0.02
Target Compounds						
10) Phenol	6.42	94	954	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.22	70	58861	4.57 ng	#	70
25) Isophorone	7.22	82	361888	35.36 ng	#	65
45) 1,1'-Biphenyl	9.02	154	2178	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.68	165	18651	7.56 ng	#	37
56) 2,4-Dinitrotoluene	9.68	165	18651	5.88 ng	#	36
57) Fluorene	10.47	166	7599	Below Cal	#	83
66) 4-Bromophenyl-phenylether	10.48	248	11211	3.62 ng	#	1

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

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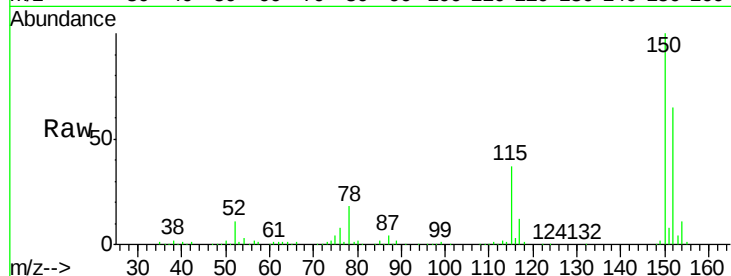


#1

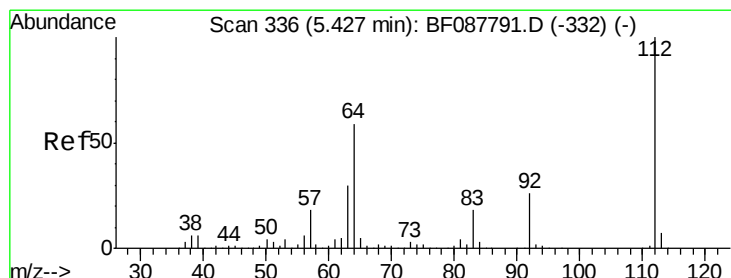
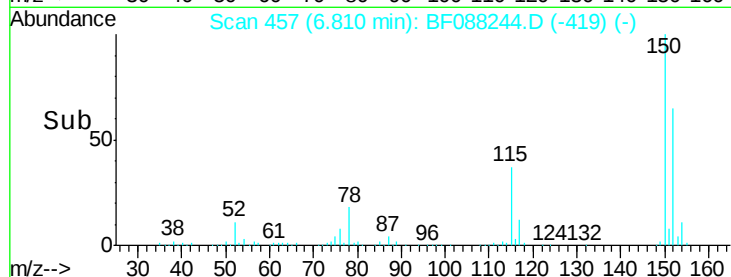
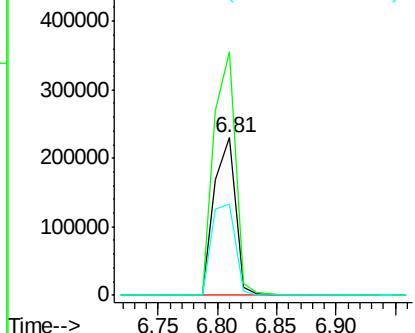
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.14 min
 Lab File: BF088244.D
 Acq: 22 Jun 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 TPEMW2-26

Tgt Ion:152 Resp: 284090
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.8 185.6
 115 57.9 39.6 59.4



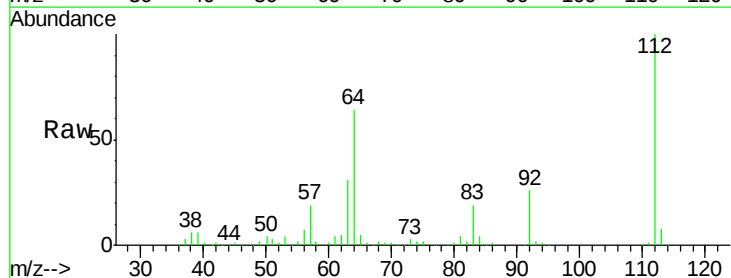
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



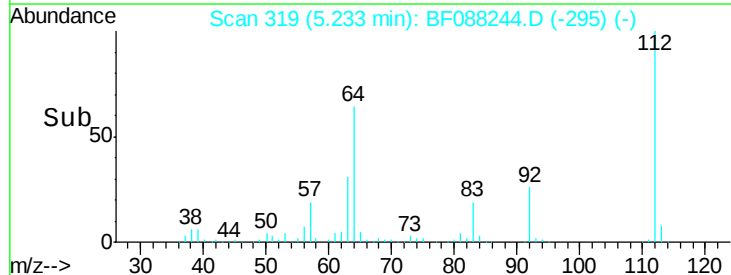
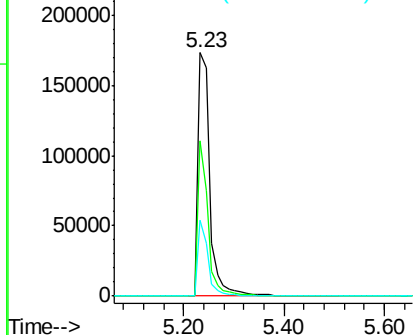
#5

2-Fluorophenol
 Concen: 17.30 ng
 RT: 5.23 min Scan# 319
 Delta R.T. -0.02 min
 Lab File: BF088244.D
 Acq: 22 Jun 2016 7:21

Tgt Ion:112 Resp: 287539
 Ion Ratio Lower Upper
 112 100
 64 63.5 42.2 63.2#
 63 31.3 21.8 32.8



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: 11.54 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF088244.D

Acq: 22 Jun 2016 7:21

Instrument :

BNA_F

ClientSampleId :

TEPMW2-26

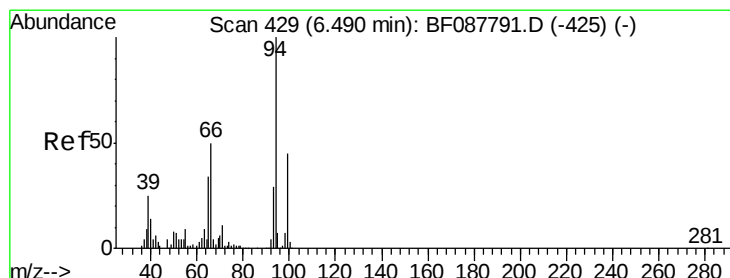
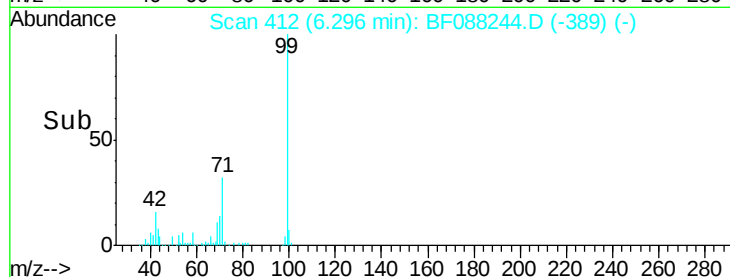
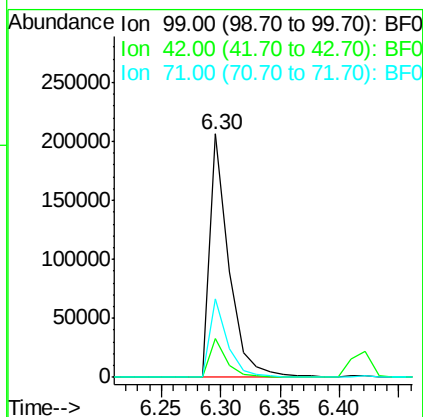
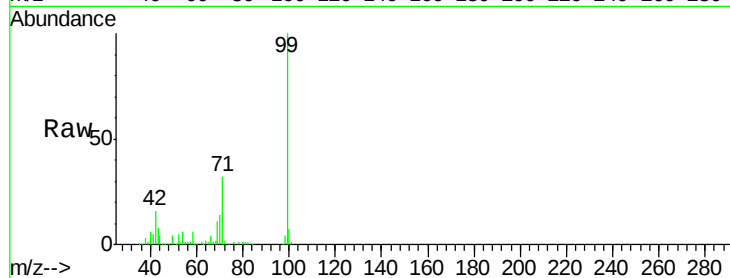
Tgt Ion: 99 Resp: 232457

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

71 32.0 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.42 min Scan# 423

Delta R.T. 0.08 min

Lab File: BF088244.D

Acq: 22 Jun 2016 7:21

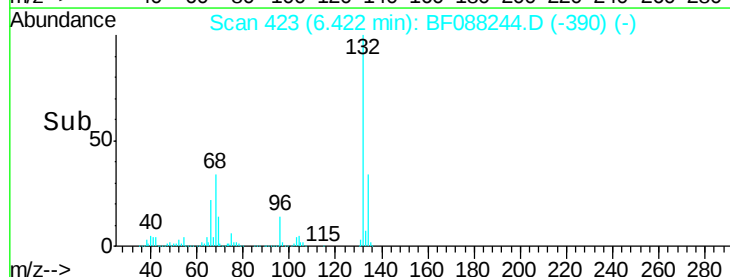
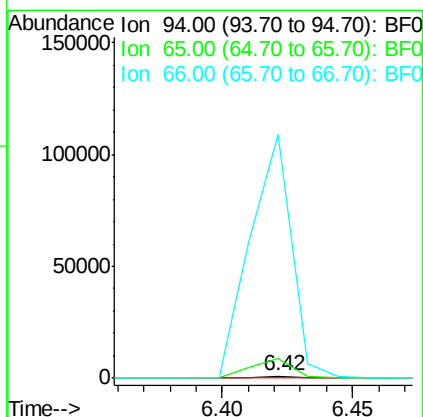
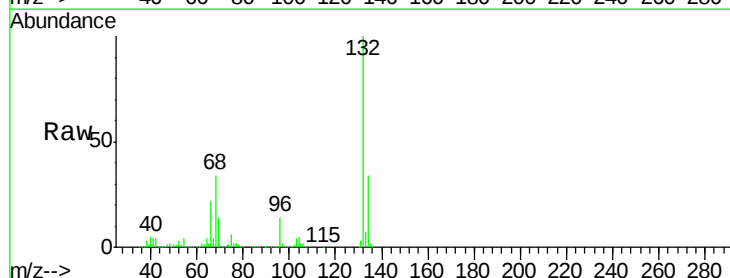
Tgt Ion: 94 Resp: 954

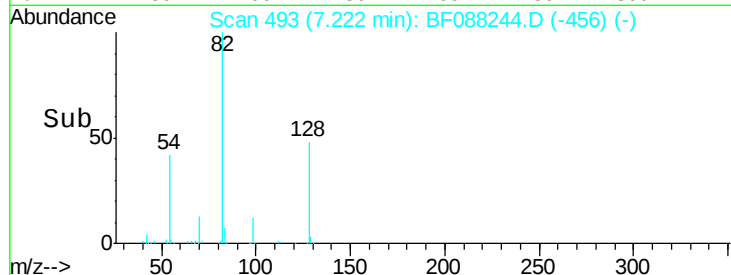
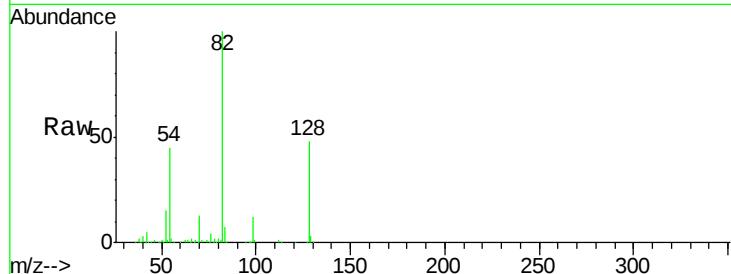
Ion Ratio Lower Upper

94 100

65 975.3 5.9 45.9#

66 11815.2 14.0 54.0#

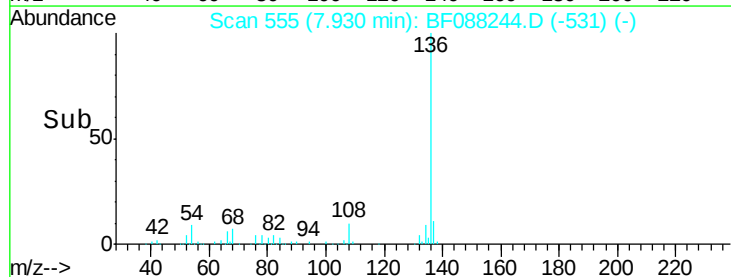
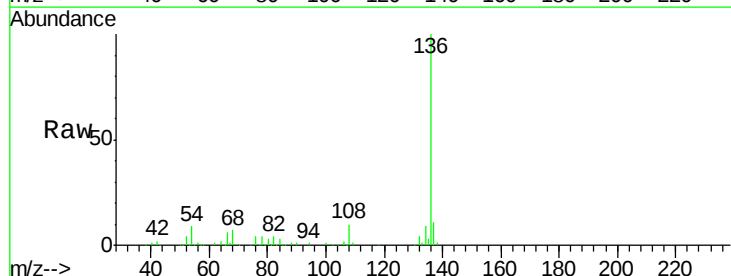
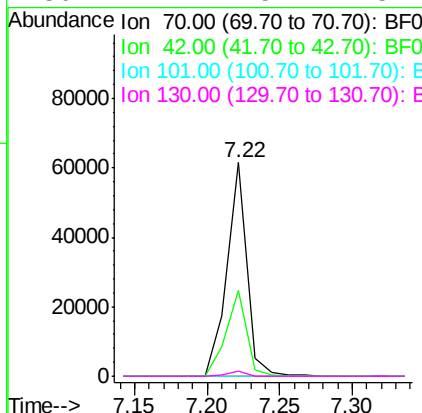




#19
n-Nitroso-di-n-propylamine
Concen: 4.57 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.13 min
Lab File: BF088244.D
Acq: 22 Jun 2016 7:21

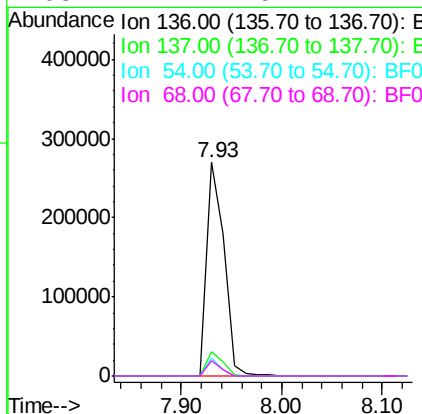
Instrument :
BNA_F
ClientSampleId :
TEPMW2-26

Tgt Ion:	70	Resp:	58861
Ion	Ratio	Lower	Upper
70	100		
42	40.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF088244.D
Acq: 22 Jun 2016 7:21

Tgt Ion:	136	Resp:	322667
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.7	6.6	10.0
68	7.2	5.1	7.7

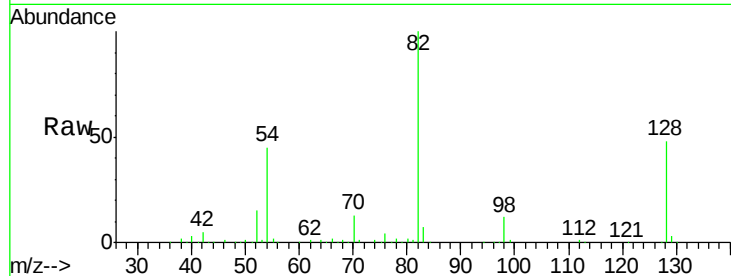




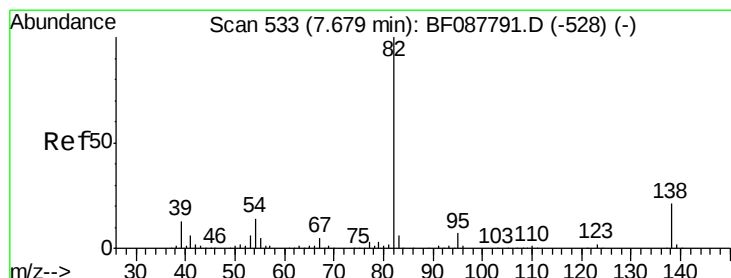
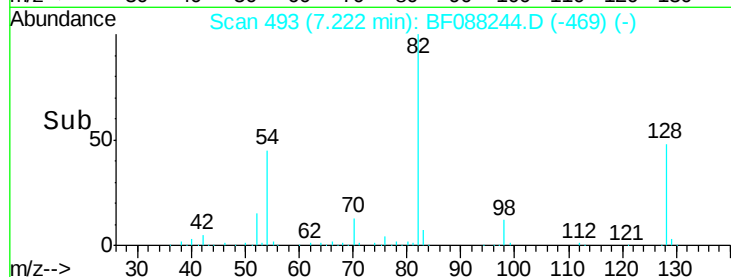
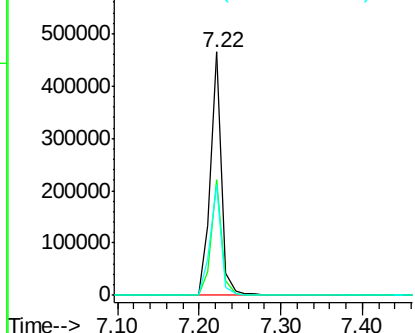
#23
 Nitrobenzene-d5
 Concen: 81.93 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.02 min
 Lab File: BF088244.D
 Acq: 22 Jun 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 TPEMW2-26

Tgt Ion: 82 Resp: 452718
 Ion Ratio Lower Upper
 82 100
 128 47.6 35.9 53.9
 54 45.2 40.9 61.3

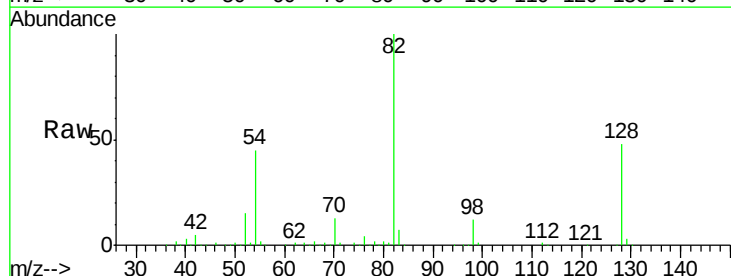


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

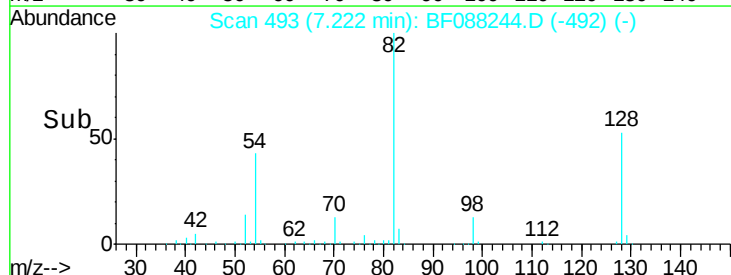
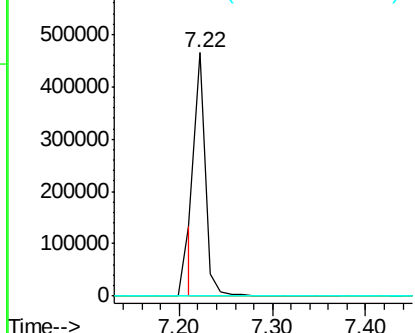


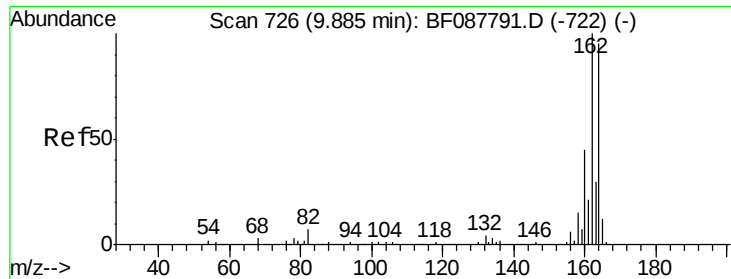
#25
 Isophorone
 Concen: 35.36 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.29 min
 Lab File: BF088244.D
 Acq: 22 Jun 2016 7:21

Tgt Ion: 82 Resp: 361888
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#



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: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF088244.D

Acq: 22 Jun 2016 7:21

Instrument :

BNA_F

ClientSampleId :

TEPMW2-26

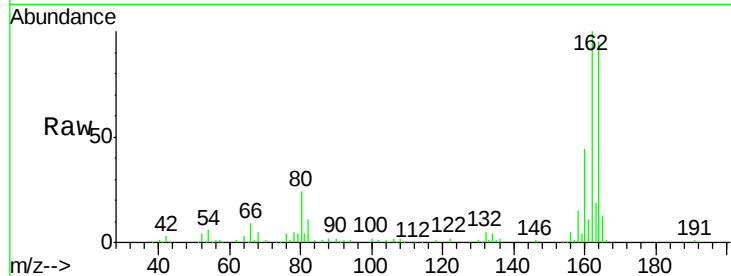
Tgt Ion:164 Resp: 148801

Ion Ratio Lower Upper

164 100

162 104.9 85.4 128.2

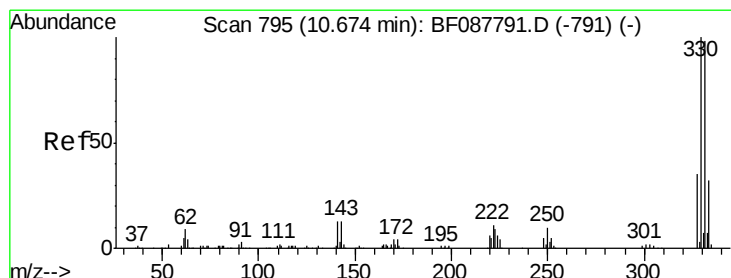
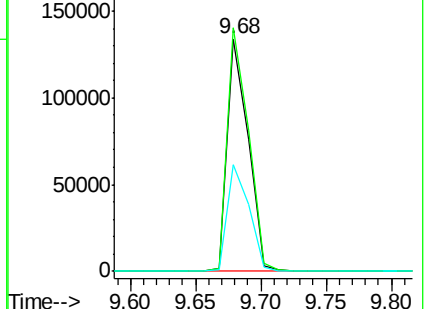
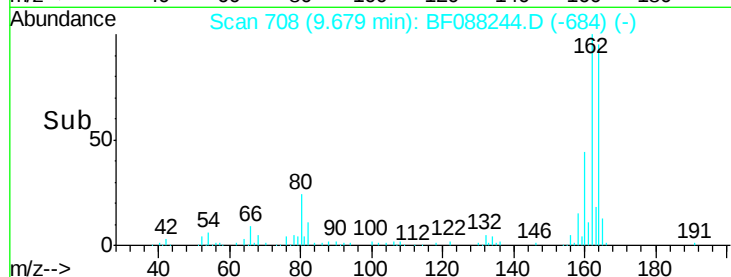
160 46.2 39.5 59.3



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: 112.53 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF088244.D

Acq: 22 Jun 2016 7:21

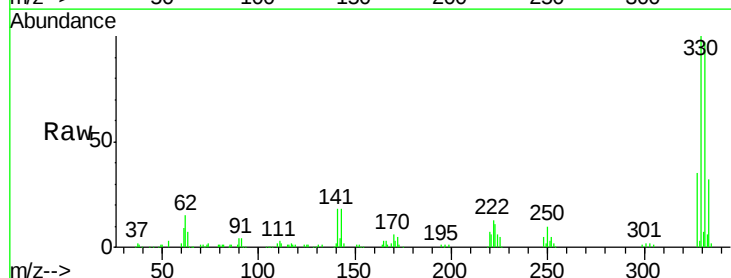
Tgt Ion:330 Resp: 176800

Ion Ratio Lower Upper

330 100

332 97.2 0.0 0.0#

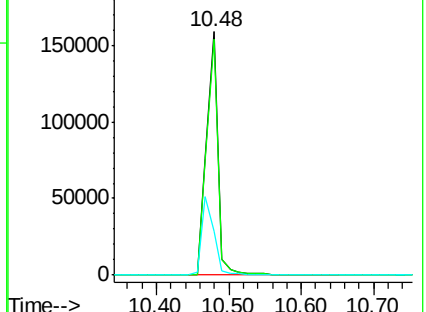
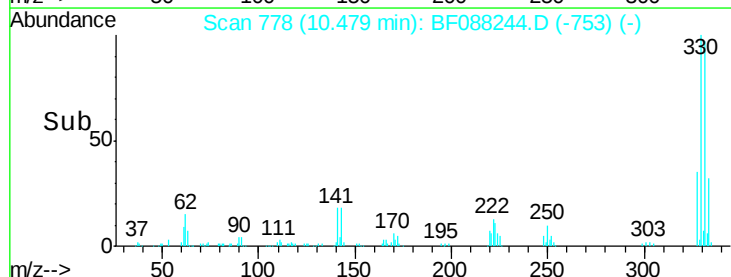
141 34.0 0.0 0.0#

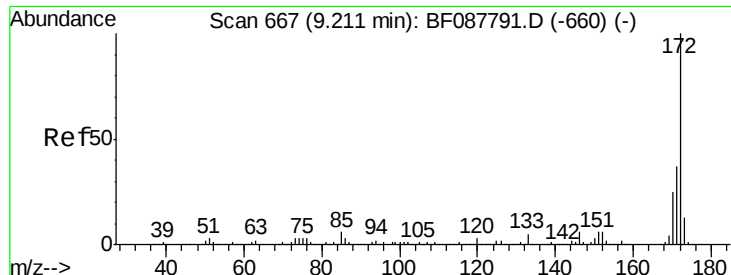


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

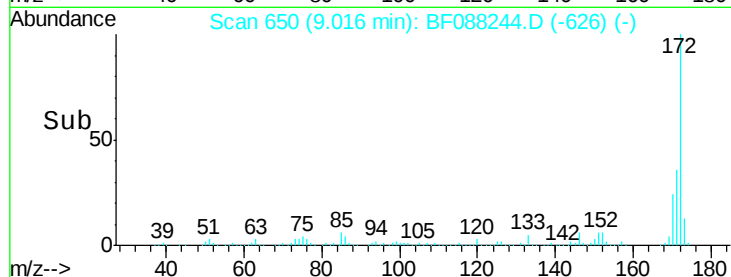
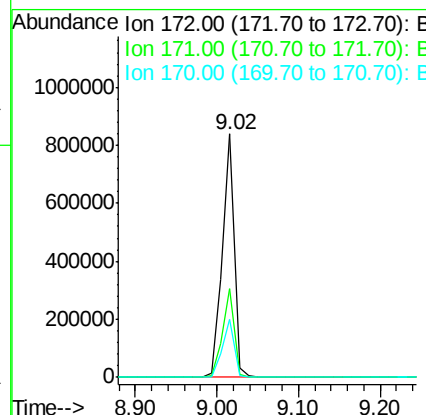
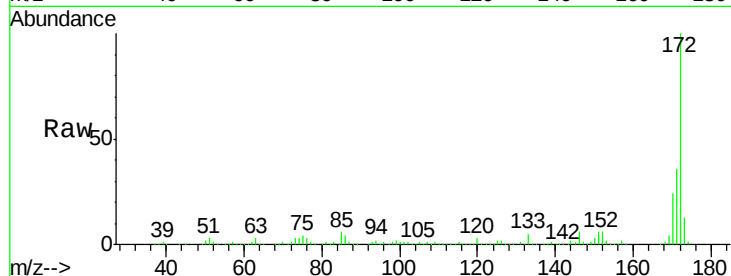




#44
 2-Fluorobiphenyl
 Concen: 89.98 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.02 min
 Lab File: BF088244.D
 Acq: 22 Jun 2016 7:21

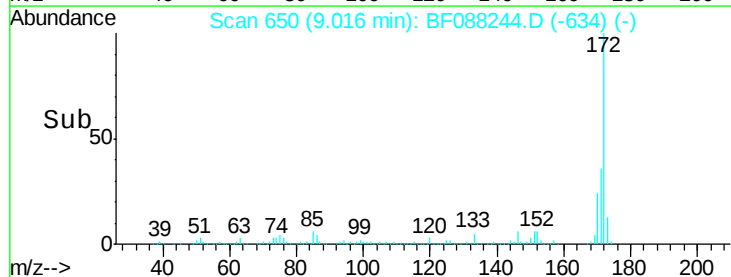
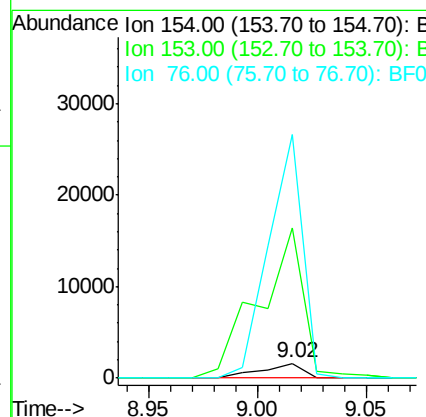
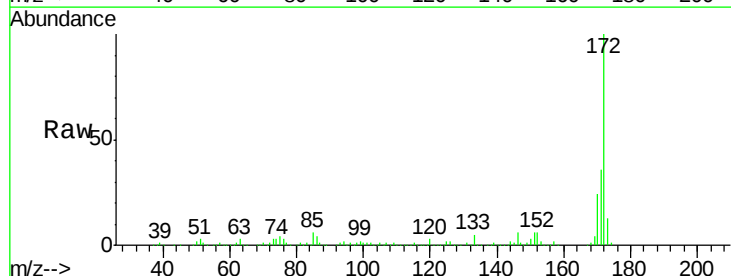
Instrument :
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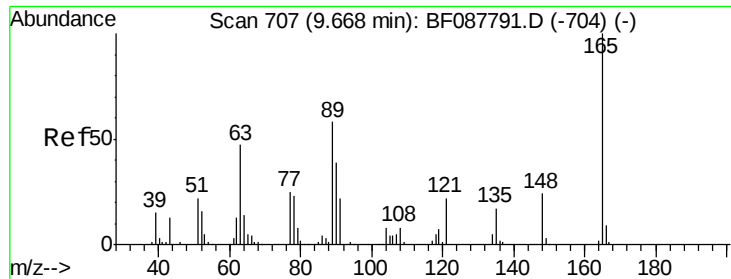
Tgt Ion:172 Resp: 849245
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.0 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.02 min Scan# 650
 Delta R.T. -0.11 min
 Lab File: BF088244.D
 Acq: 22 Jun 2016 7:21

Tgt Ion:154 Resp: 2178
 Ion Ratio Lower Upper
 154 100
 153 1018.9 20.6 60.6#
 76 1648.0 0.0 35.1#

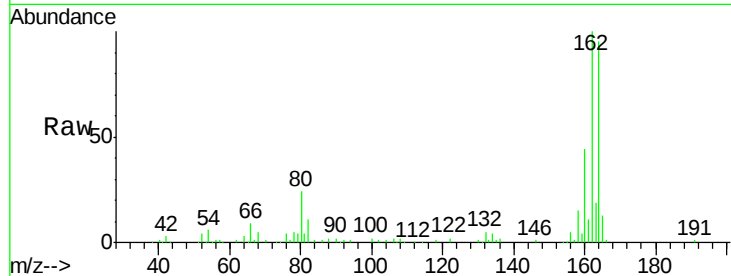




#50
 2,6-Dinitrotoluene
 Concen: 7.56 ng
 RT: 9.68 min Scan# 708
 Delta R.T. 0.17 min
 Lab File: BF088244.D
 Acq: 22 Jun 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 TEPMW2-26

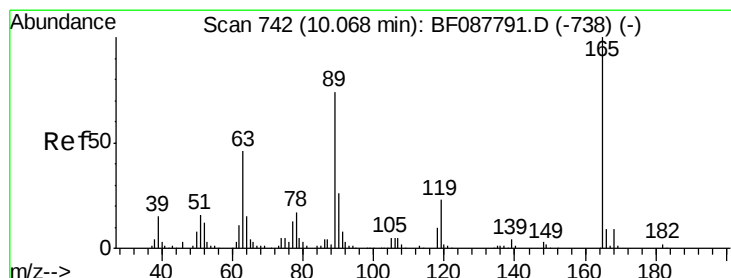
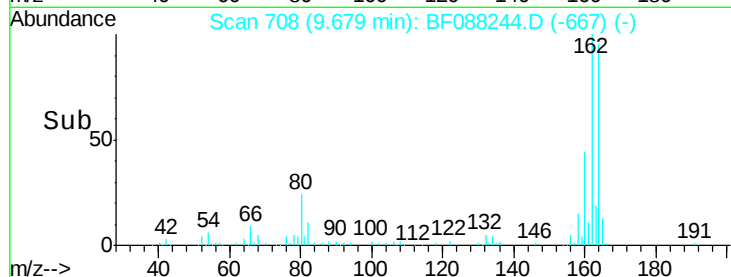
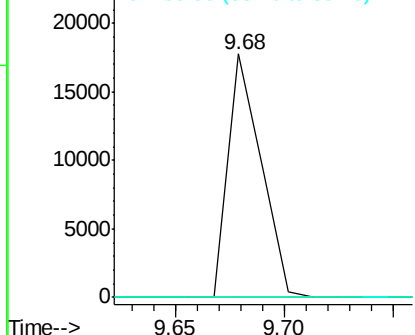
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.88 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.23 min
 Lab File: BF088244.D
 Acq: 22 Jun 2016 7:21

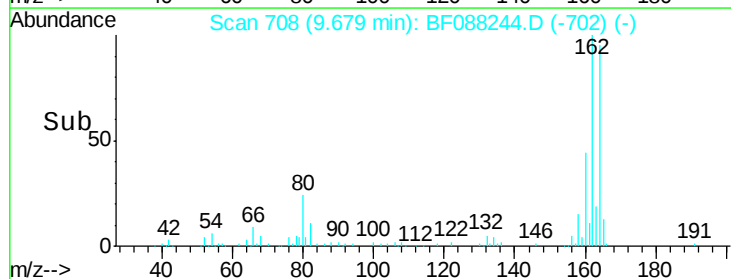
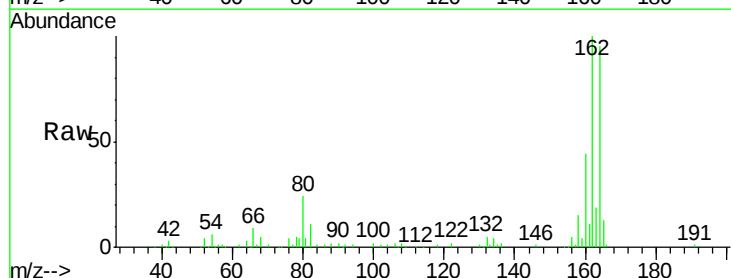
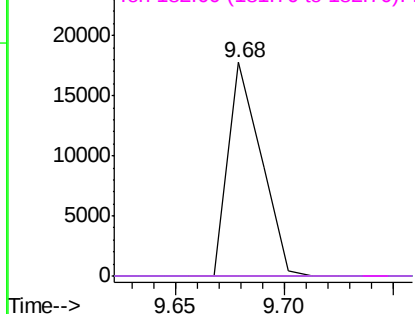
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

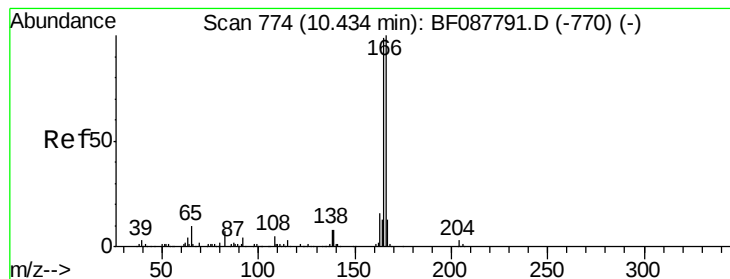
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.47 min Scan# 777

Delta R.T. 0.22 min

Lab File: BF088244.D

Acq: 22 Jun 2016 7:21

Instrument :

BNA_F

ClientSampleId :

TEPMW2-26

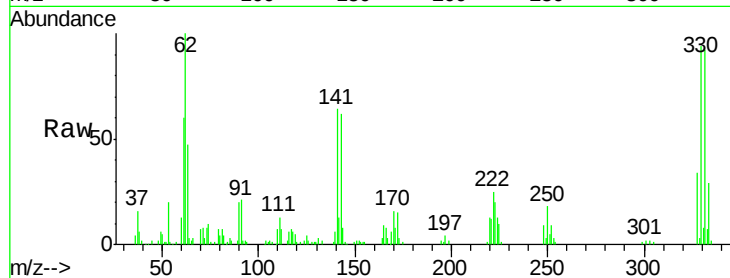
Tgt Ion:166 Resp: 7599

Ion Ratio Lower Upper

166 100

165 109.3 77.8 116.8

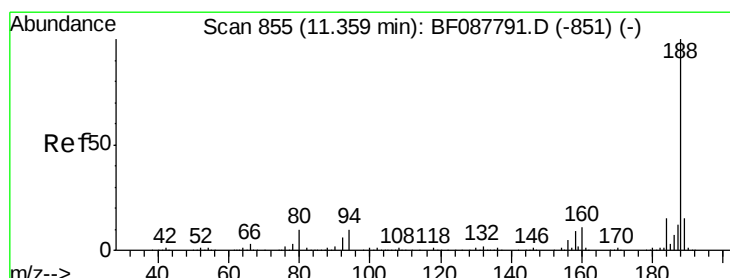
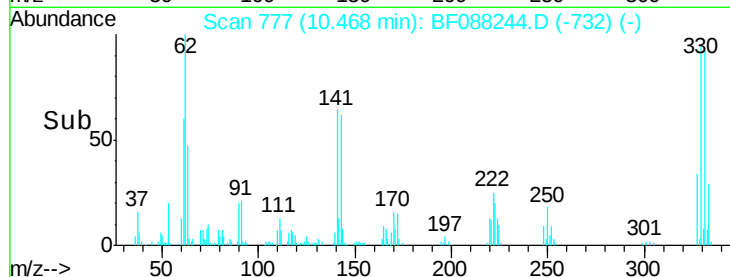
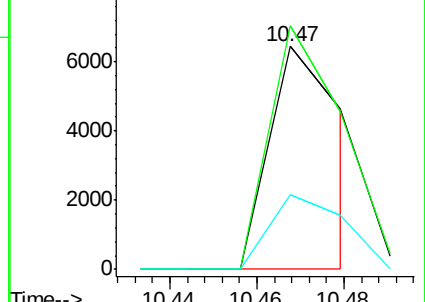
167 33.4 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF088244.D

Acq: 22 Jun 2016 7:21

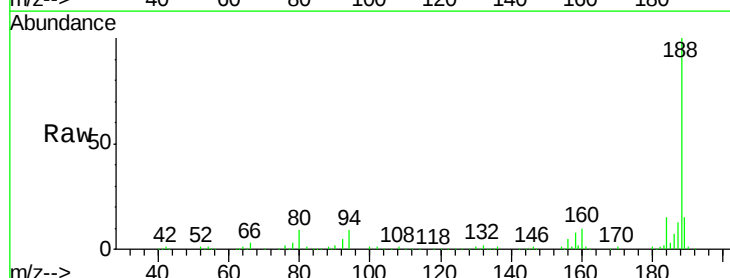
Tgt Ion:188 Resp: 288500

Ion Ratio Lower Upper

188 100

94 8.8 9.0 13.6#

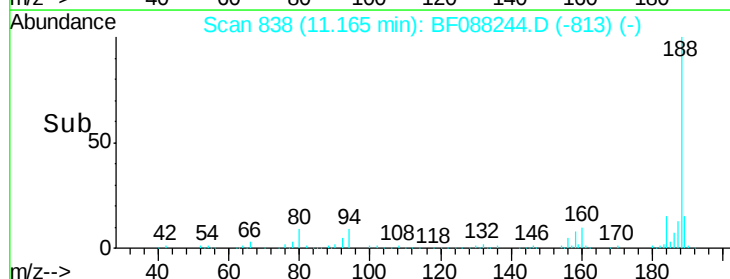
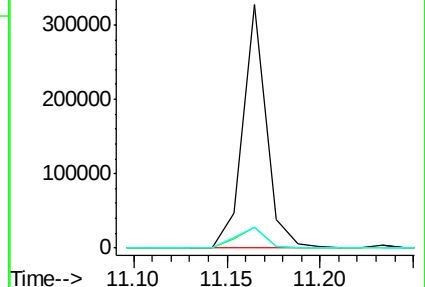
80 8.8 10.0 15.0#

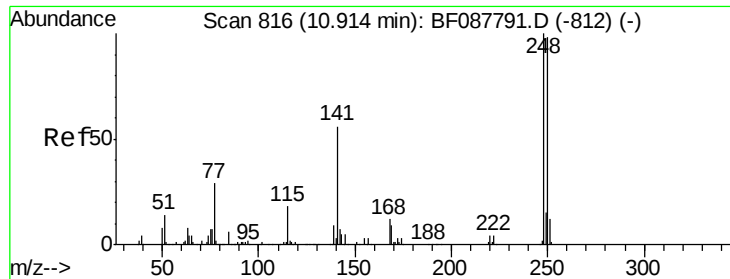


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

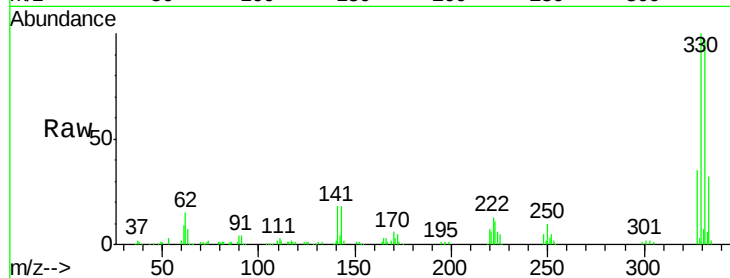




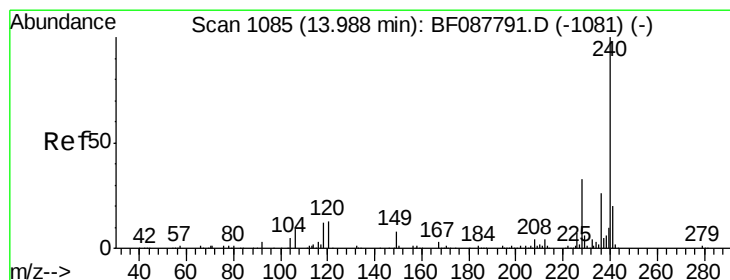
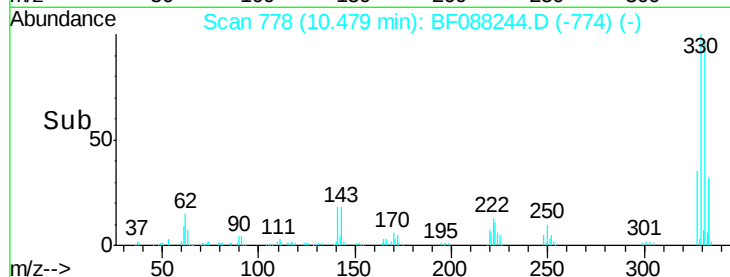
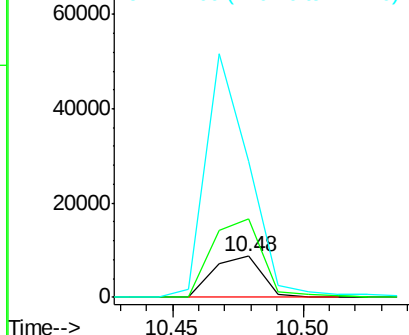
#66
 4-Bromophenyl-phenylether
 Concen: 3.62 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.25 min
 Lab File: BF088244.D
 Acq: 22 Jun 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 TEPMW2-26

Tgt Ion:248 Resp: 11211
 Ion Ratio Lower Upper
 248 100
 250 190.8 77.1 115.7#
 141 331.9 50.6 76.0#

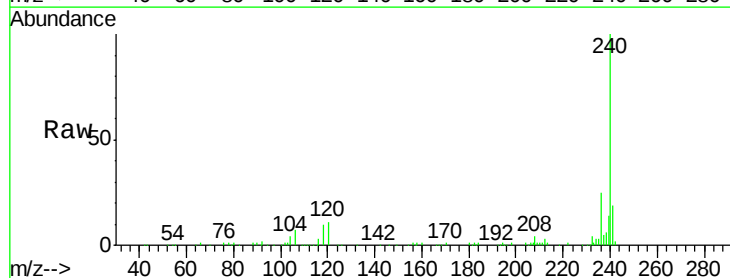


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

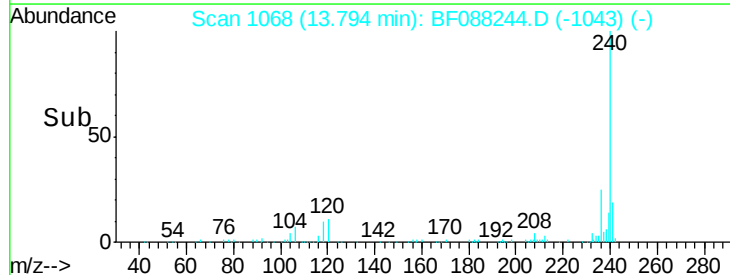
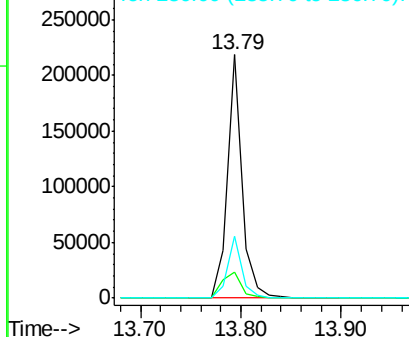


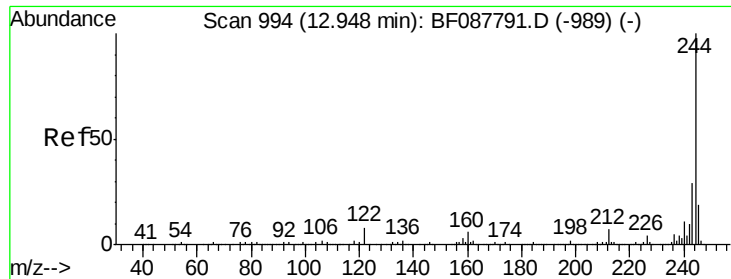
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF088244.D
 Acq: 22 Jun 2016 7:21

Tgt Ion:240 Resp: 220781
 Ion Ratio Lower Upper
 240 100
 120 10.9 6.8 10.2#
 236 25.2 20.2 30.2



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

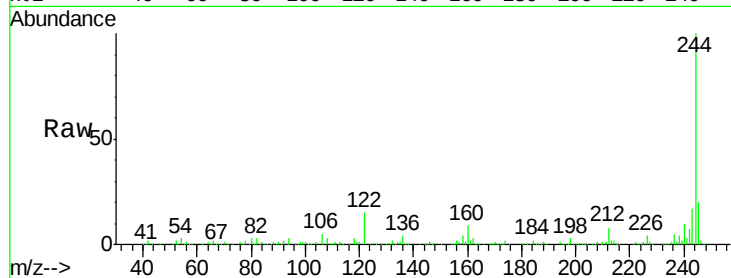




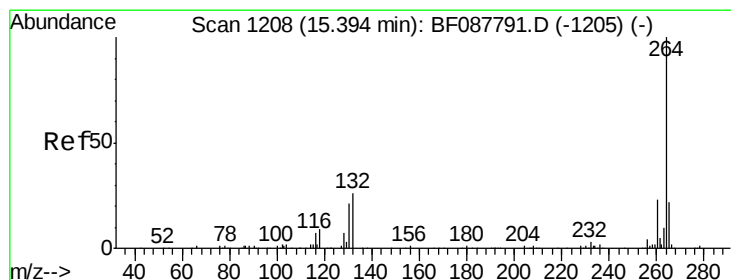
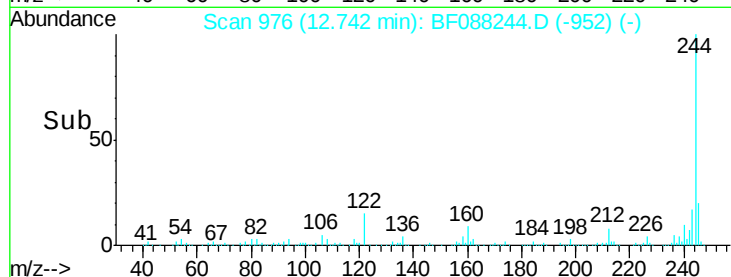
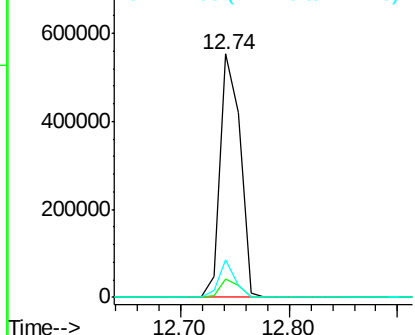
#78
 Terphenyl-d14
 Concen: 73.04 ng
 RT: 12.74 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF088244.D
 Acq: 22 Jun 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 TEPMW2-26

Tgt Ion:244 Resp: 708617
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 15.5 11.2 16.8

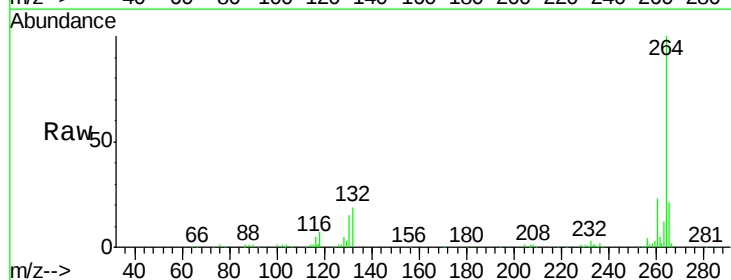


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF088244.D
 Acq: 22 Jun 2016 7:21

Tgt Ion:264 Resp: 169648
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.4 16.9 25.3



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

