

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087276.D
 Acq On : 21 May 2016 16:51
 Operator : UM/SJ
 Sample : H3168-20
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Quant Time: May 23 01:01:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

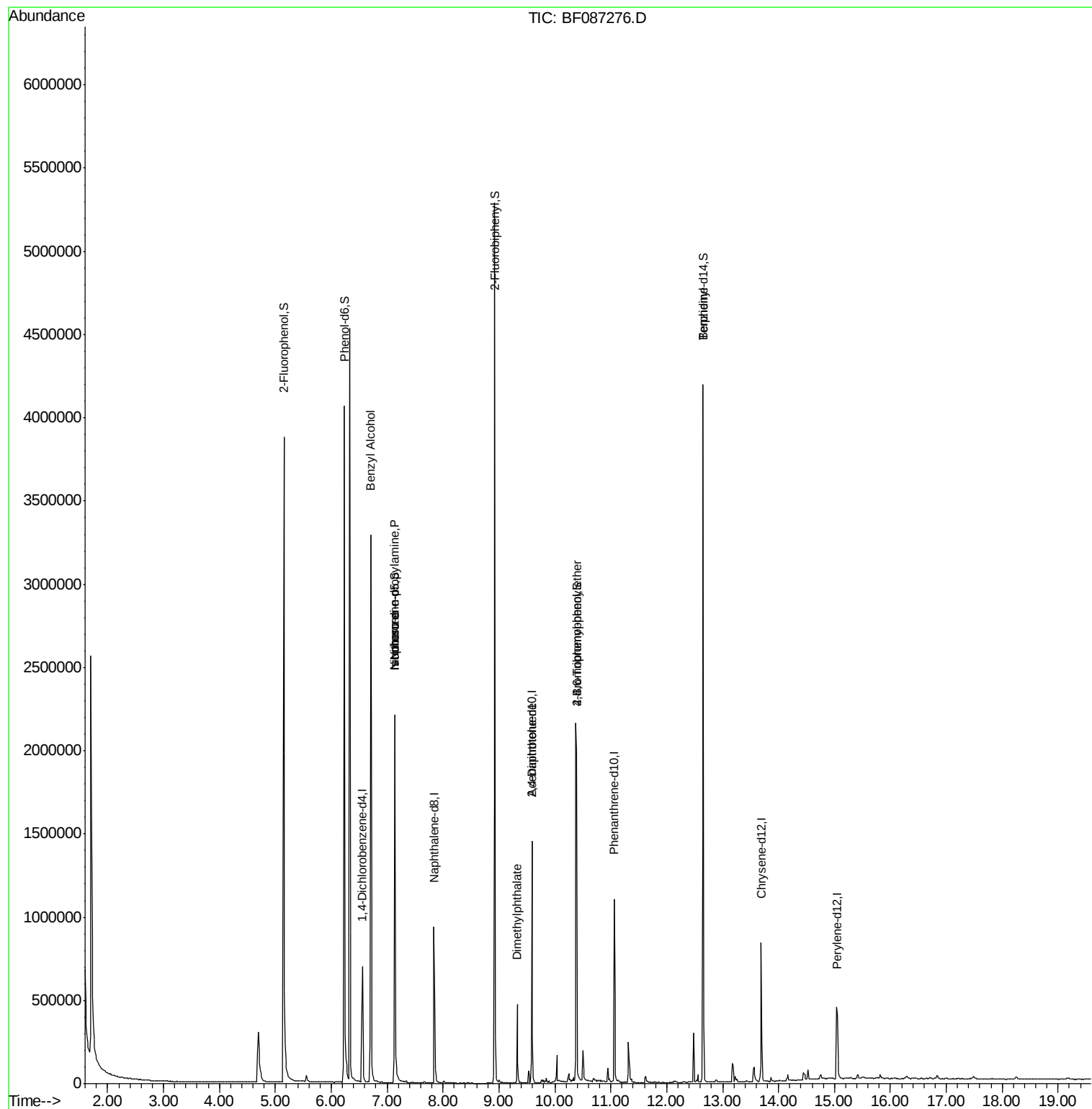
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	122356	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	536285	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	261149	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	439774	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	289289	20.00	ng	-0.07
86) Perylene-d12	15.05	264	236718	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1169120	160.61	ng	-0.05
7) Phenol-d6	6.24	99	1604522	164.34	ng	-0.05
23) Nitrobenzene-d5	7.13	82	1006141	93.50	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	391824	135.78	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1546101	98.05	ng	-0.06
78) Terphenyl-d14	12.65	244	1286667	100.61	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.71	79	16081	2.21	ng	# 42
19) n-Nitroso-di-n-propylamine	7.13	70	141332	19.04	ng	# 72
25) Isophorone	7.13	82	970691	49.28	ng	# 68
49) Dimethylphthalate	9.32	163	174856	8.78	ng	99
56) 2,4-Dinitrotoluene	9.59	165	33789	6.10	ng	# 16
66) 4-Bromophenyl-phenylether	10.39	248	24200	5.35	ng	# 1
76) Benzydine	12.65	184	20258	2.81	ng	95

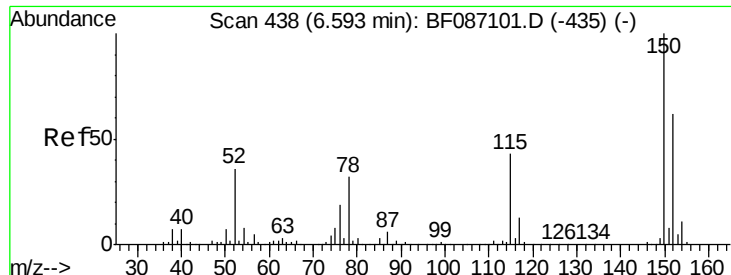
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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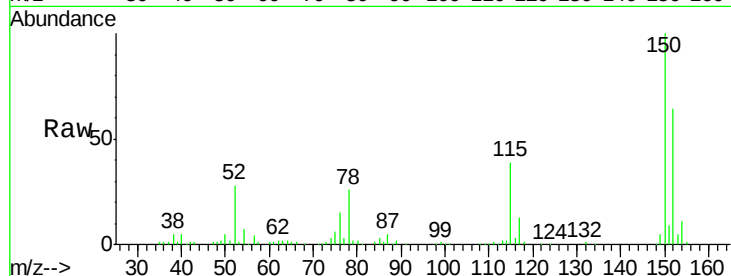


#1

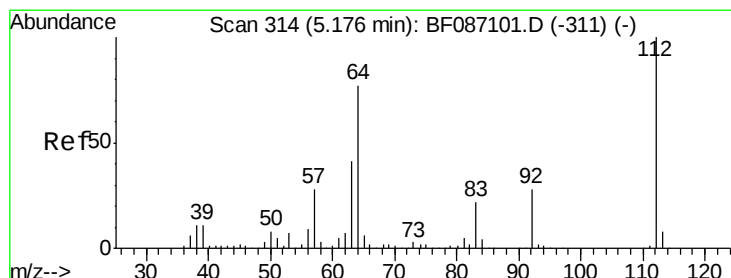
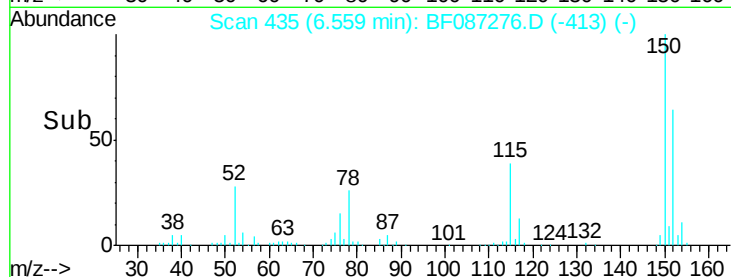
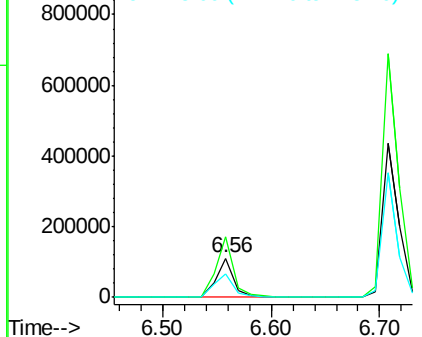
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF087276.D
Acq: 21 May 2016 16:51

Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tgt Ion:152 Resp: 122356
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 61.0 51.5 77.3



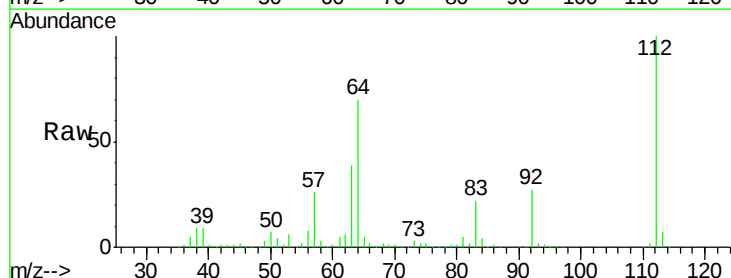
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



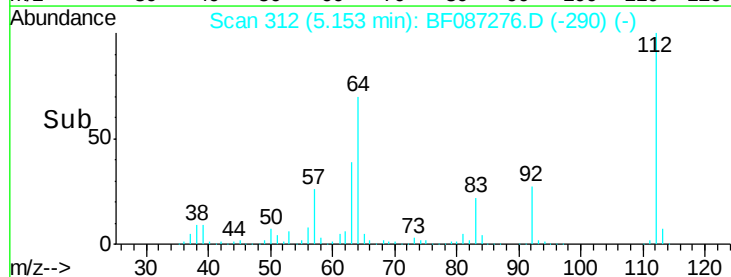
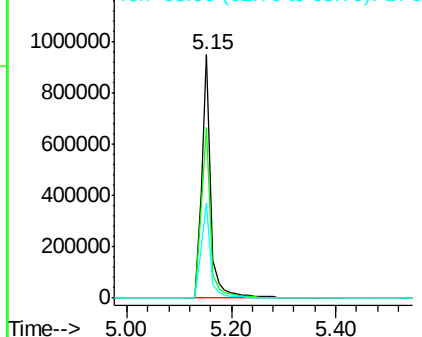
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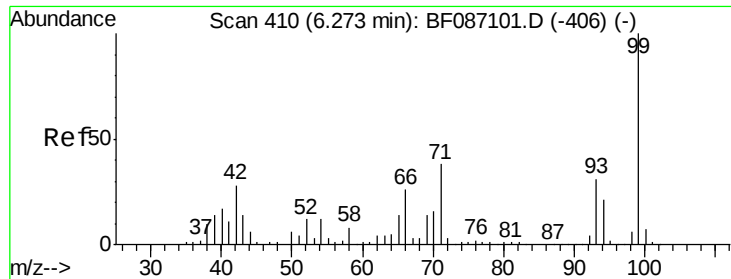
2-Fluorophenol
Concen: 160.61 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.05 min
Lab File: BF087276.D
Acq: 21 May 2016 16:51

Tgt Ion:112 Resp: 1169120
Ion Ratio Lower Upper
112 100
64 69.9 52.1 78.1
63 38.9 25.7 38.5#



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: 164.34 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

Instrument :

BNA_F

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SB-17-COMP

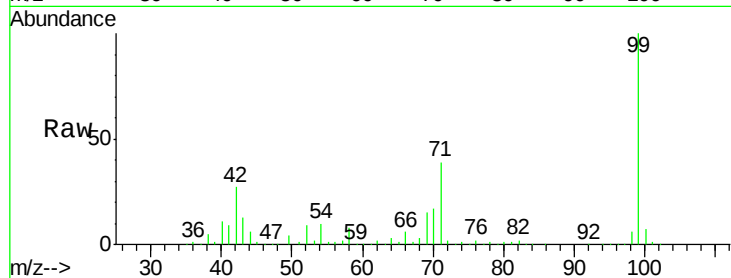
Tgt Ion: 99 Resp: 1604522

Ion Ratio Lower Upper

99 100

42 26.6 13.6 20.4#

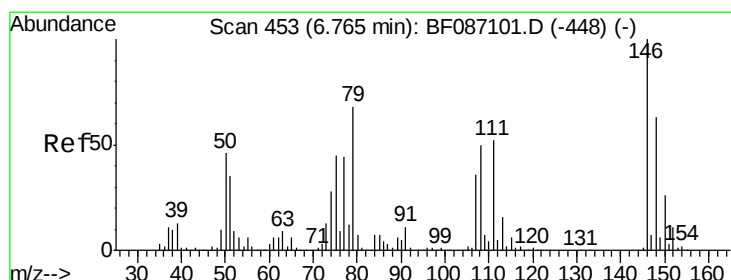
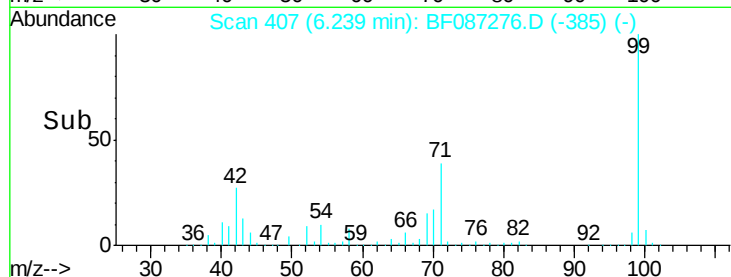
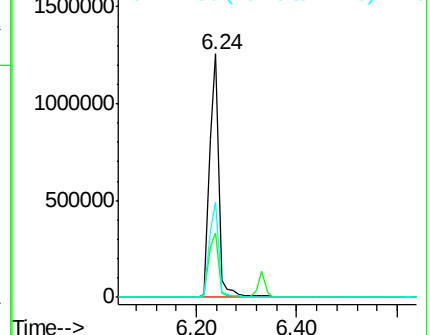
71 39.1 24.6 36.8#



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: 2.21 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.07 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

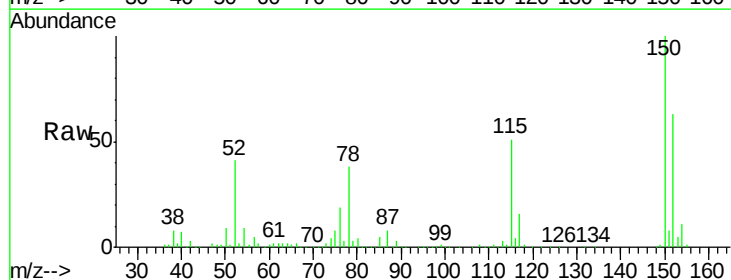
Tgt Ion: 79 Resp: 16081

Ion Ratio Lower Upper

79 100

108 28.7 68.4 102.6#

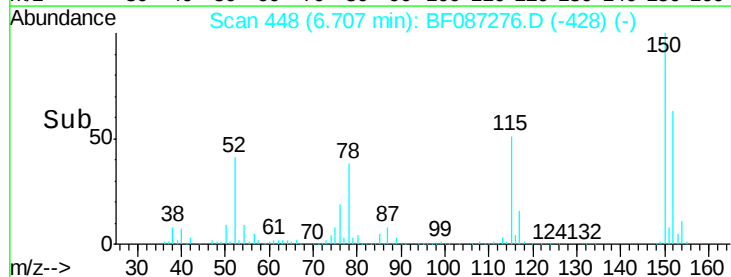
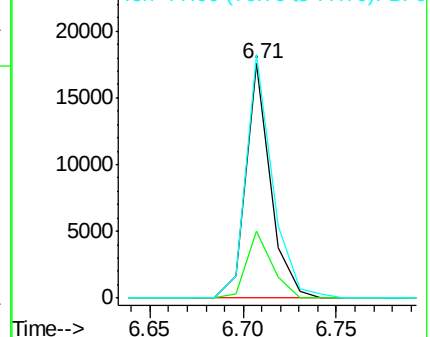
77 103.9 50.6 76.0#

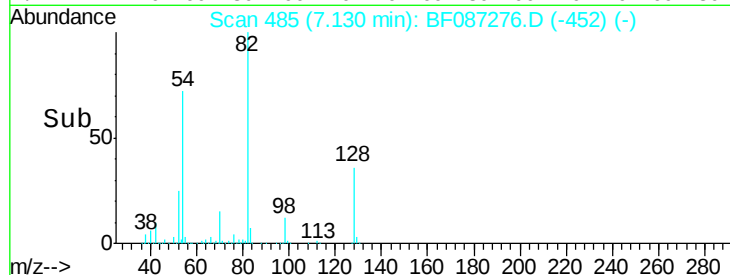
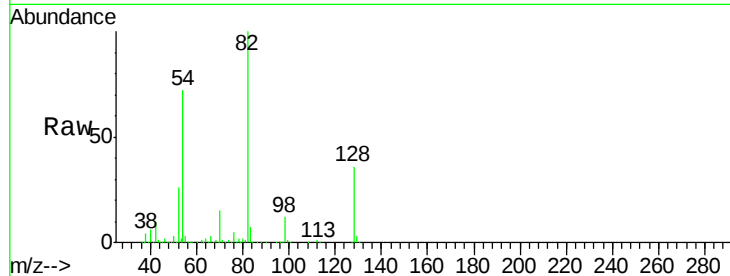
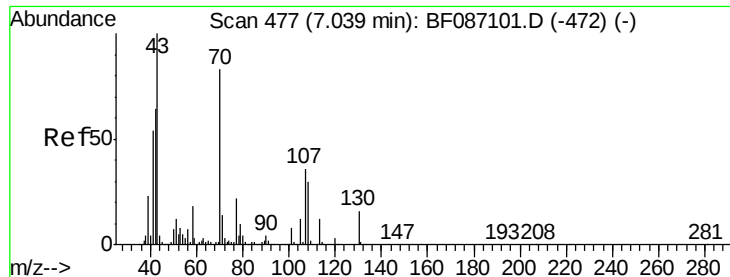


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

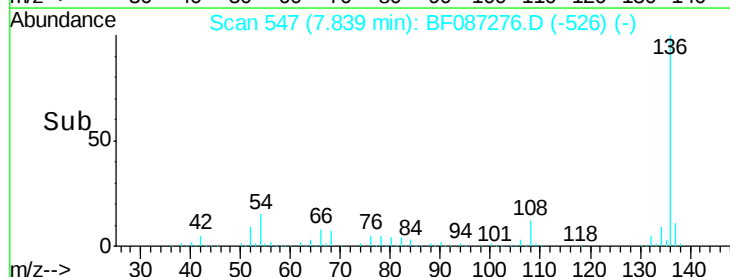
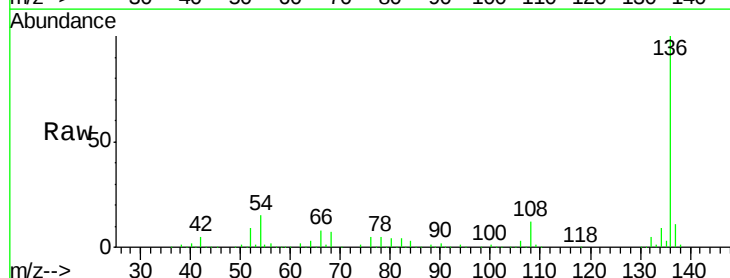
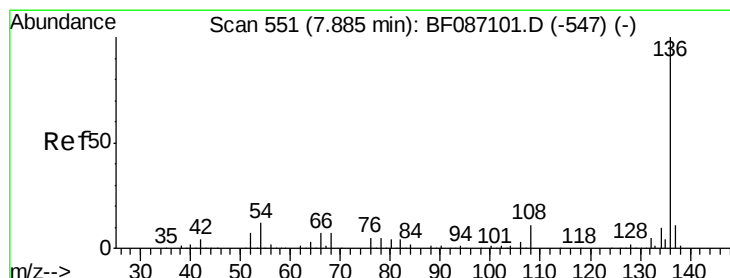
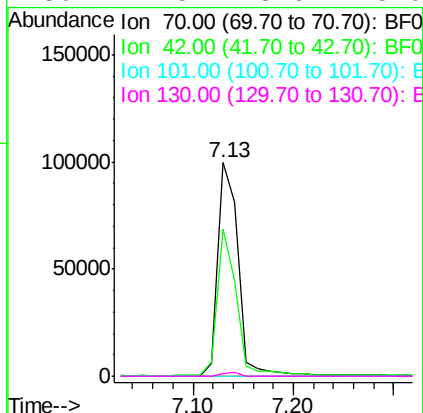




#19
n-Nitroso-di-n-propylamine
Concen: 19.04 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.08 min
Lab File: BF087276.D
Acq: 21 May 2016 16:51

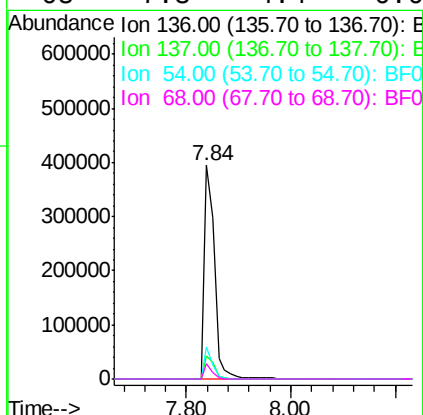
Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

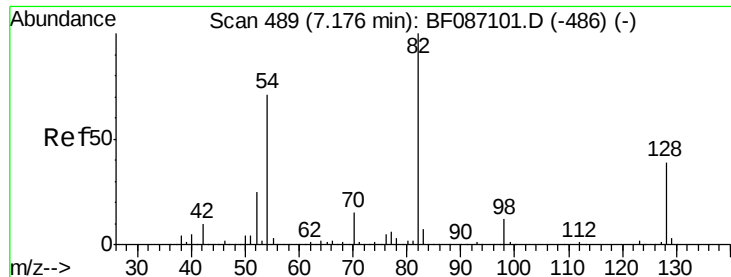
Tgt Ion:	70	Resp:	141332
Ion Ratio	Lower	Upper	
70	100		
42	68.7	43.1	64.7#
101	0.0	8.1	12.1#
130	1.5	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF087276.D
Acq: 21 May 2016 16:51

Tgt Ion:	136	Resp:	536285
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	15.1	5.0	7.4#
68	7.3	4.4	6.6#

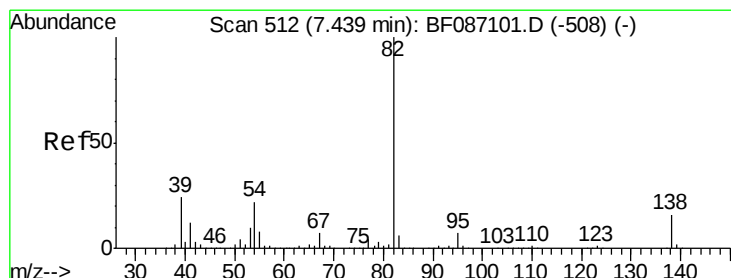
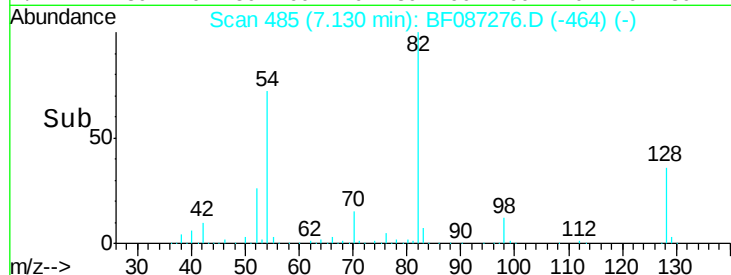
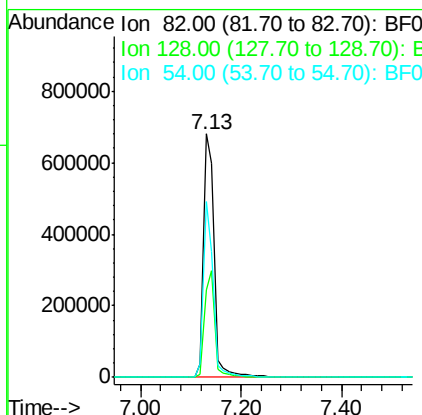
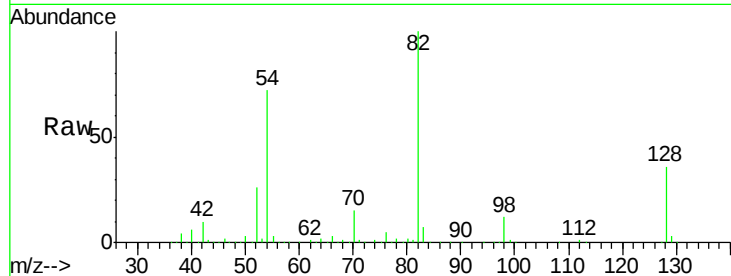




#23
 Nitrobenzene-d5
 Concen: 93.50 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.06 min
 Lab File: BF087276.D
 Acq: 21 May 2016 16:51

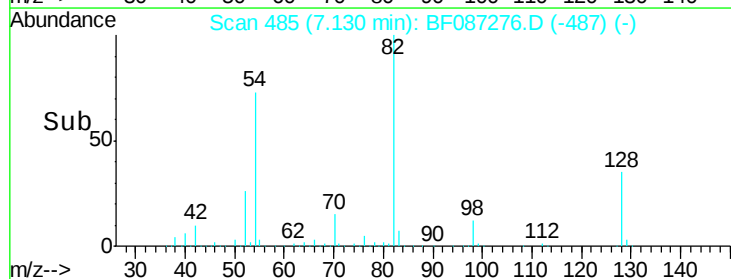
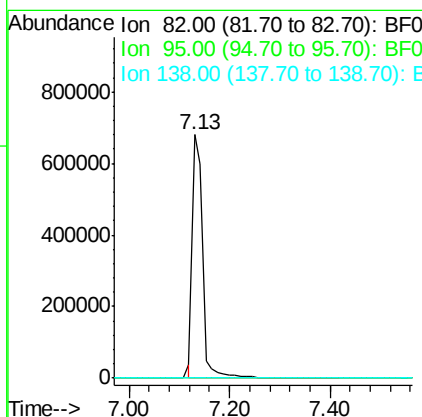
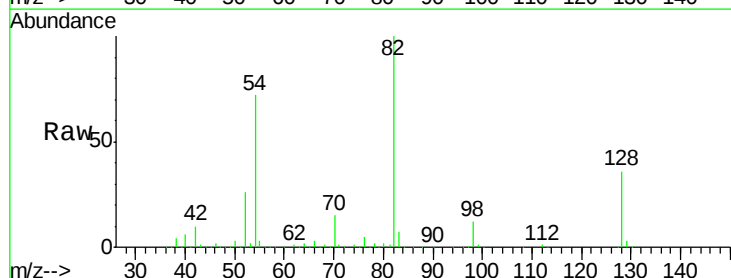
Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

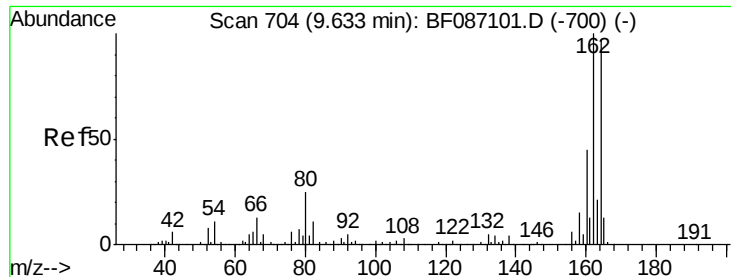
Tgt Ion: 82 Resp: 1006141
 Ion Ratio Lower Upper
 82 100
 128 35.7 40.6 61.0#
 54 72.2 38.1 57.1#



#25
 Isophorone
 Concen: 49.28 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.32 min
 Lab File: BF087276.D
 Acq: 21 May 2016 16:51

Tgt Ion: 82 Resp: 970691
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

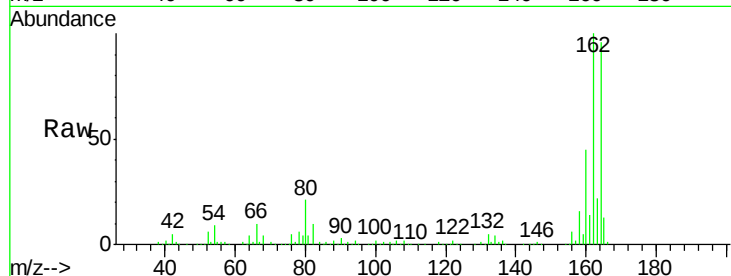
Tgt Ion:164 Resp: 261149

Ion Ratio Lower Upper

164 100

162 104.4 82.8 124.2

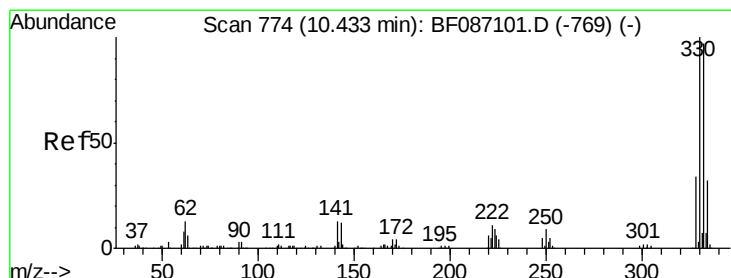
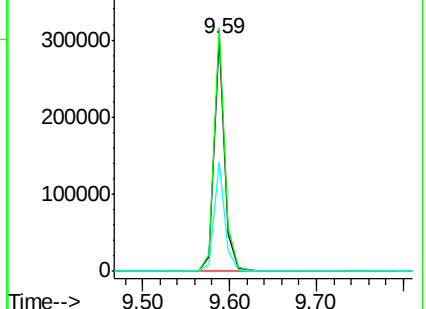
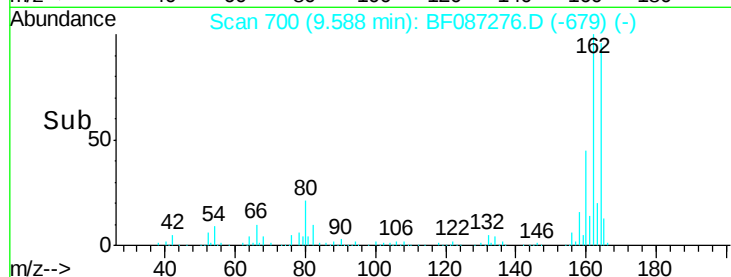
160 46.7 36.9 55.3



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: 135.78 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.06 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

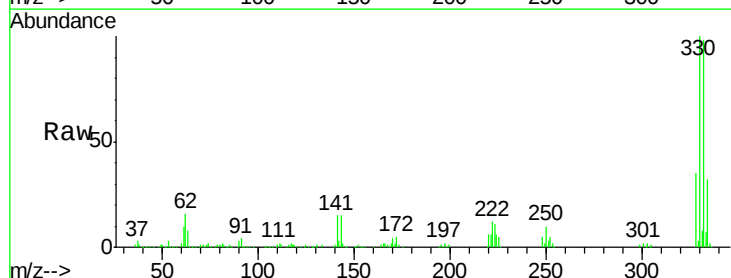
Tgt Ion:330 Resp: 391824

Ion Ratio Lower Upper

330 100

332 97.4 79.0 118.4

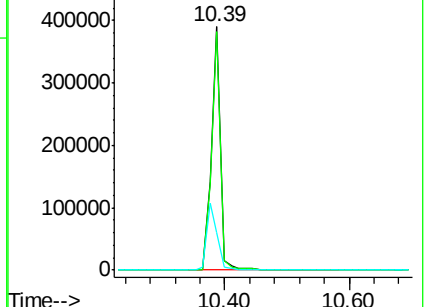
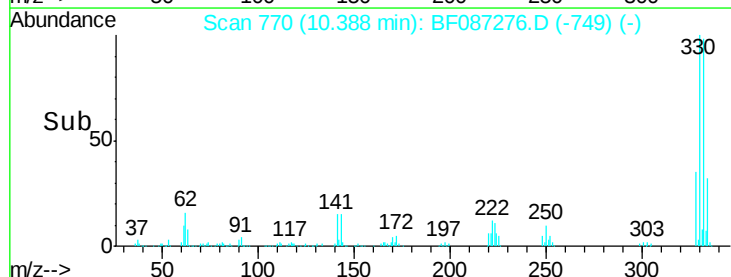
141 32.0 31.2 46.8

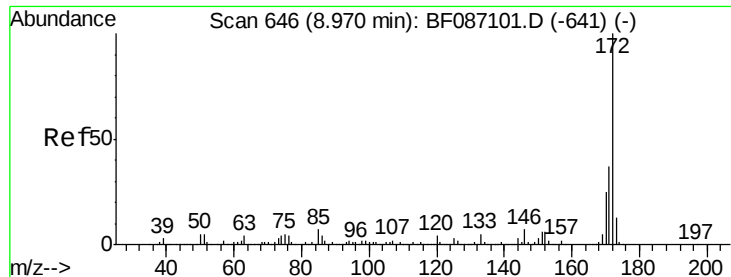


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 98.05 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.06 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

Instrument :

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ClientSampleId :

SB-17-COMP

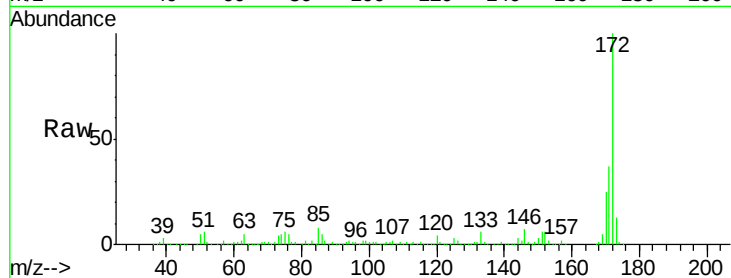
Tgt Ion:172 Resp: 1546101

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.8	19.8	29.8

172 100

171 36.9 29.0 43.6

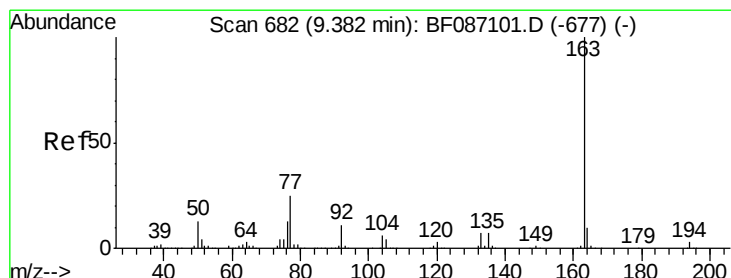
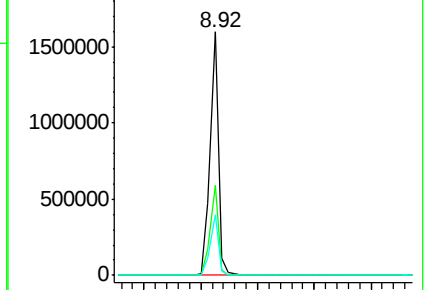
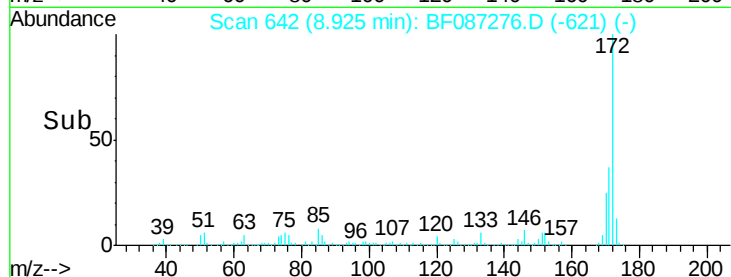
170 24.8 19.8 29.8



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: 8.78 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

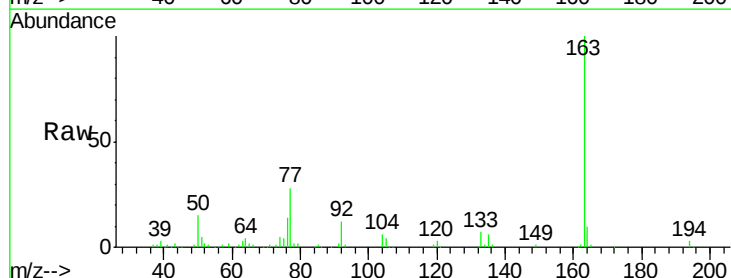
Tgt Ion:163 Resp: 174856

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.5	8.2	12.4

163 100

194 3.0 2.6 4.0

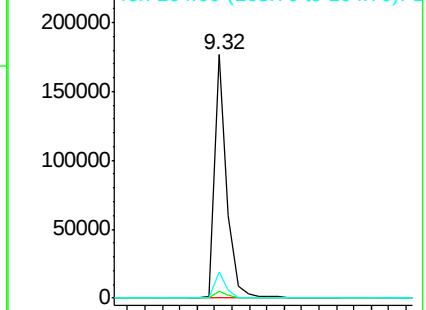
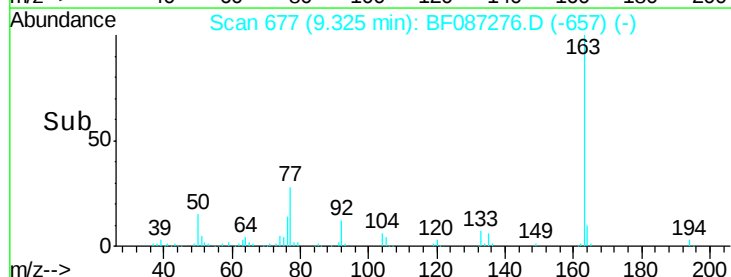
164 10.5 8.2 12.4

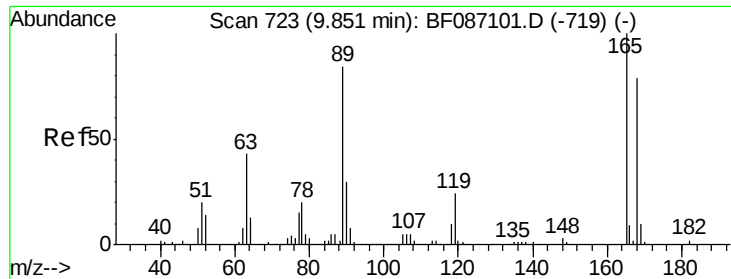


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

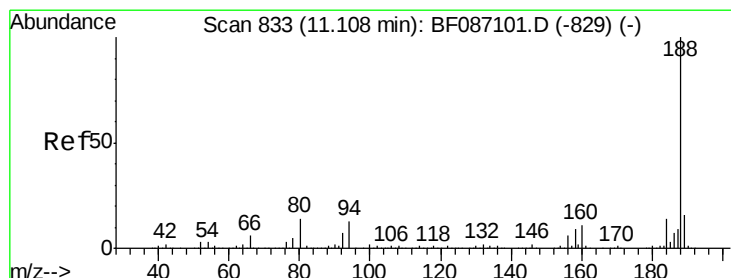
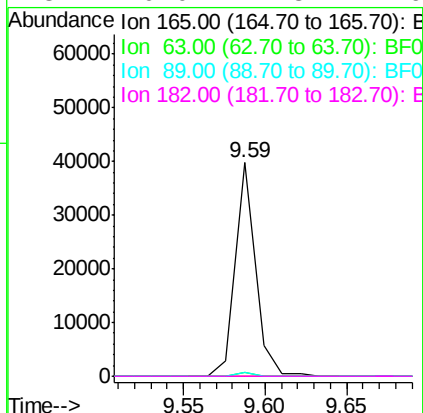
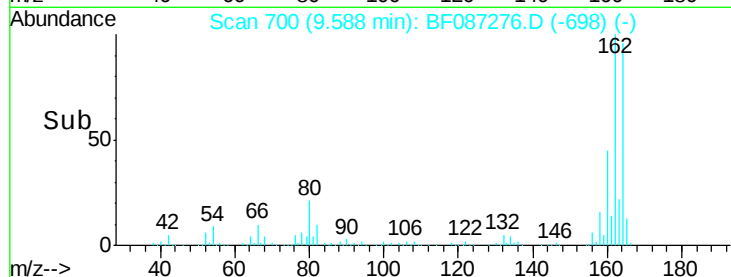
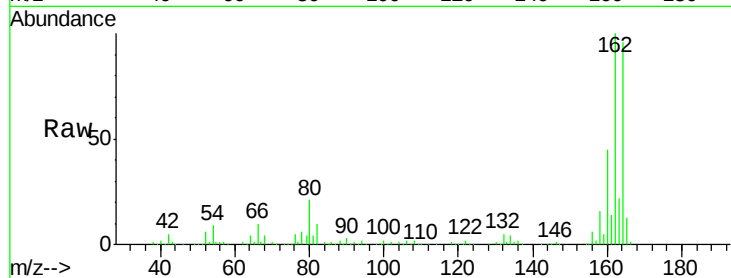




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.27 min
 Lab File: BF087276.D
 Acq: 21 May 2016 16:51

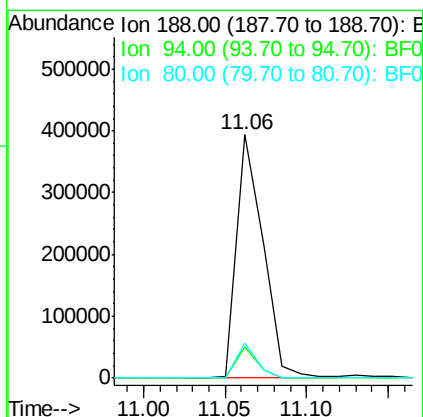
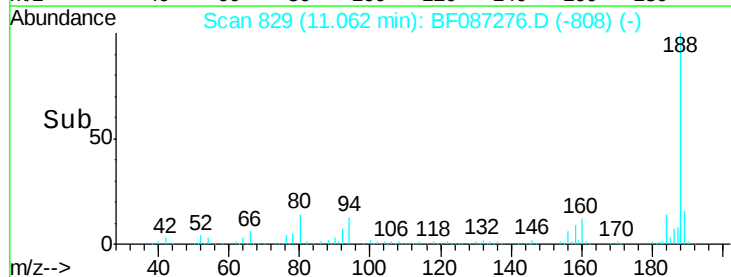
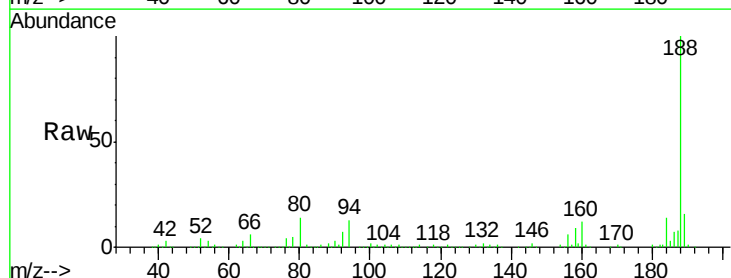
Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

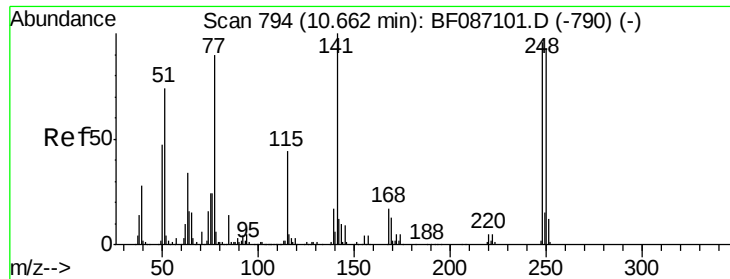
Tgt Ion:165 Resp: 33789
 Ion Ratio Lower Upper
 165 100
 63 1.9 44.3 66.5#
 89 1.6 70.0 105.0#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.06 min
 Lab File: BF087276.D
 Acq: 21 May 2016 16:51

Tgt Ion:188 Resp: 439774
 Ion Ratio Lower Upper
 188 100
 94 12.7 6.8 10.2#
 80 14.2 7.1 10.7#

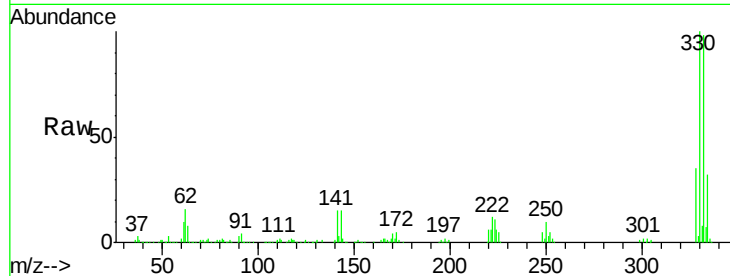




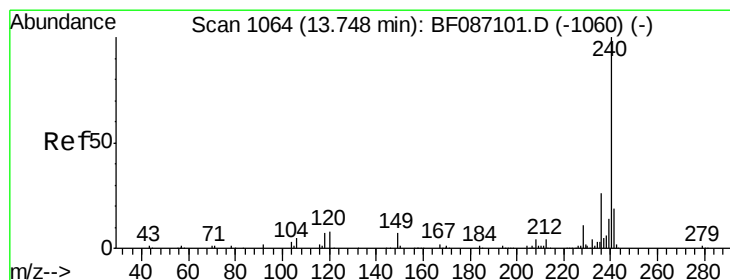
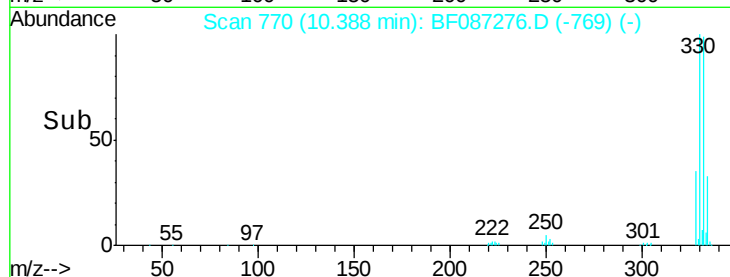
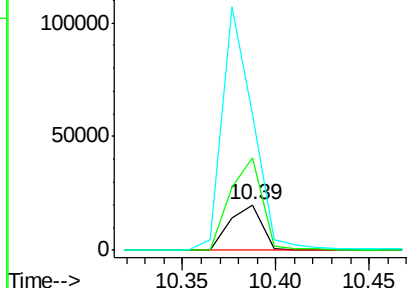
#66
 4-Bromophenyl-phenylether
 Concen: 5.35 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.29 min
 Lab File: BF087276.D
 Acq: 21 May 2016 16:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Tgt Ion:248 Resp: 24200
 Ion Ratio Lower Upper
 248 100
 250 202.1 78.6 117.8#
 141 297.9 76.0 114.0#

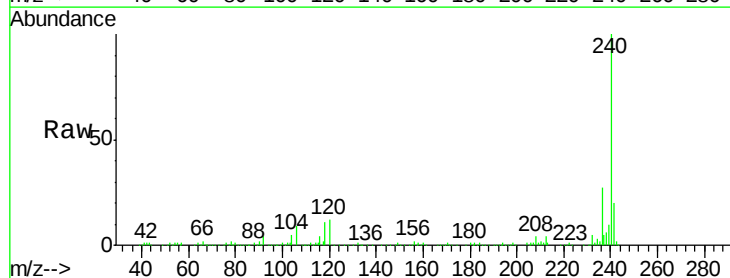


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

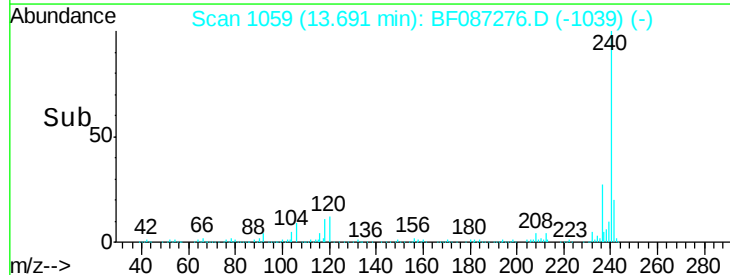
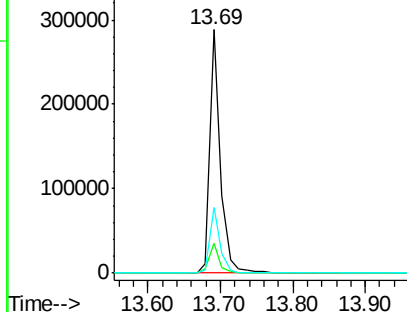


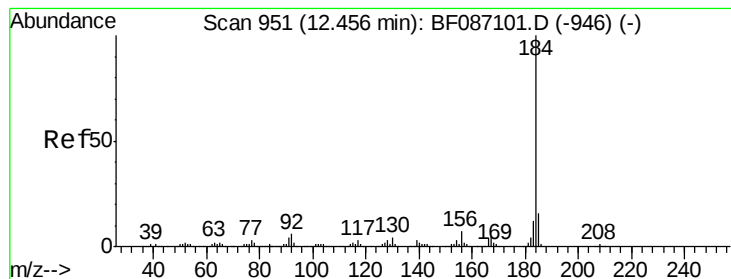
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.07 min
 Lab File: BF087276.D
 Acq: 21 May 2016 16:51

Tgt Ion:240 Resp: 289289
 Ion Ratio Lower Upper
 240 100
 120 12.2 11.2 16.8
 236 26.9 21.2 31.8



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





#76

Benzidine

Concen: 2.81 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.18 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

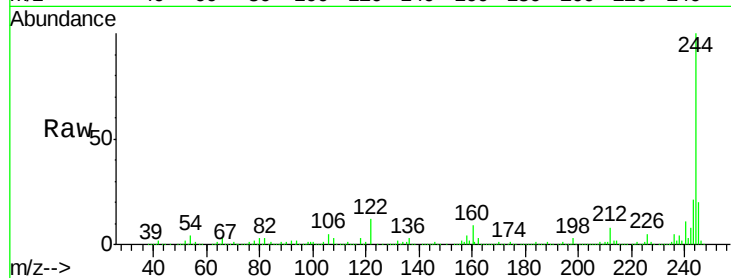
Tgt Ion:184 Resp: 20258

Ion Ratio Lower Upper

184 100

185 19.2 13.6 20.4

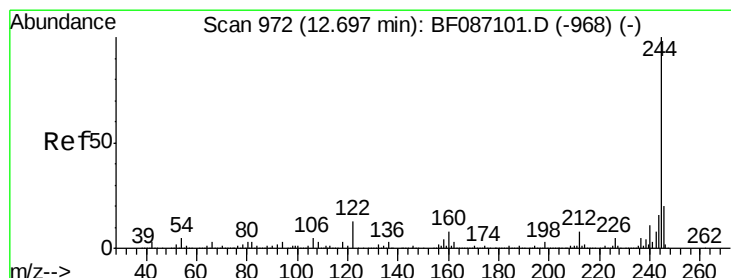
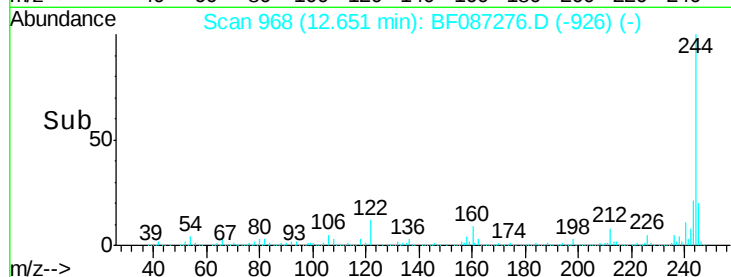
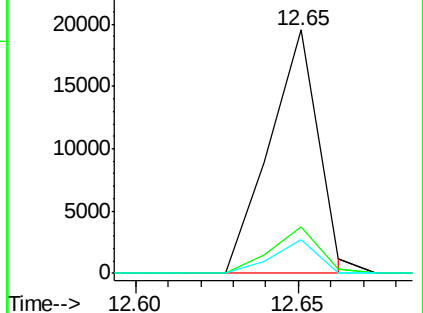
183 14.0 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 100.61 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.06 min

Lab File: BF087276.D

Acq: 21 May 2016 16:51

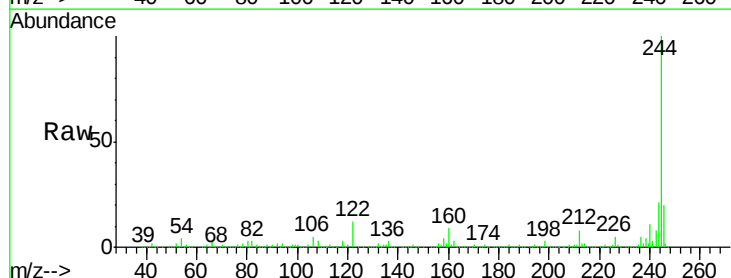
Tgt Ion:244 Resp: 1286667

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

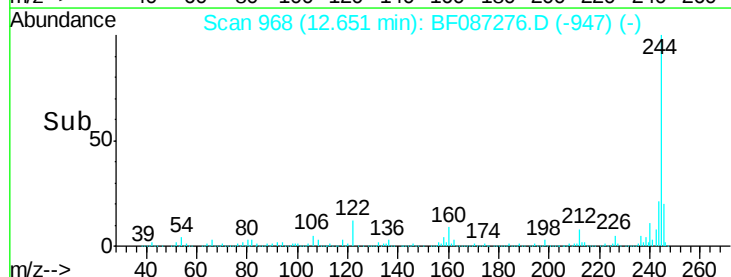
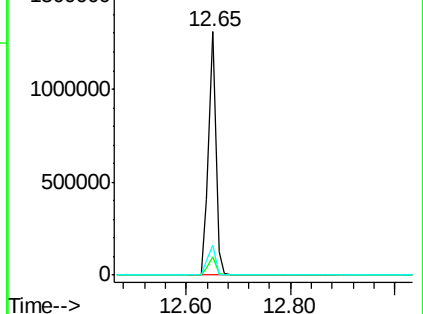
122 12.4 12.0 18.0

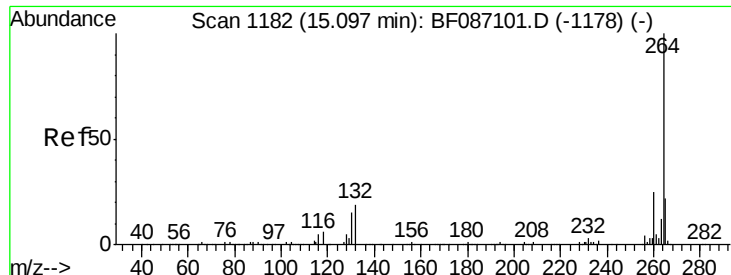


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

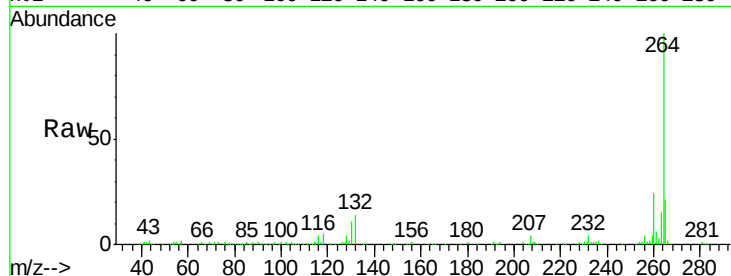




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF087276.D
Acq: 21 May 2016 16:51

Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.7	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

