

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096656.D
 Acq On : 11 Jul 2017 20:47
 Operator : SJ/JU
 Sample : I4120-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

Quant Time: Jul 12 01:13:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

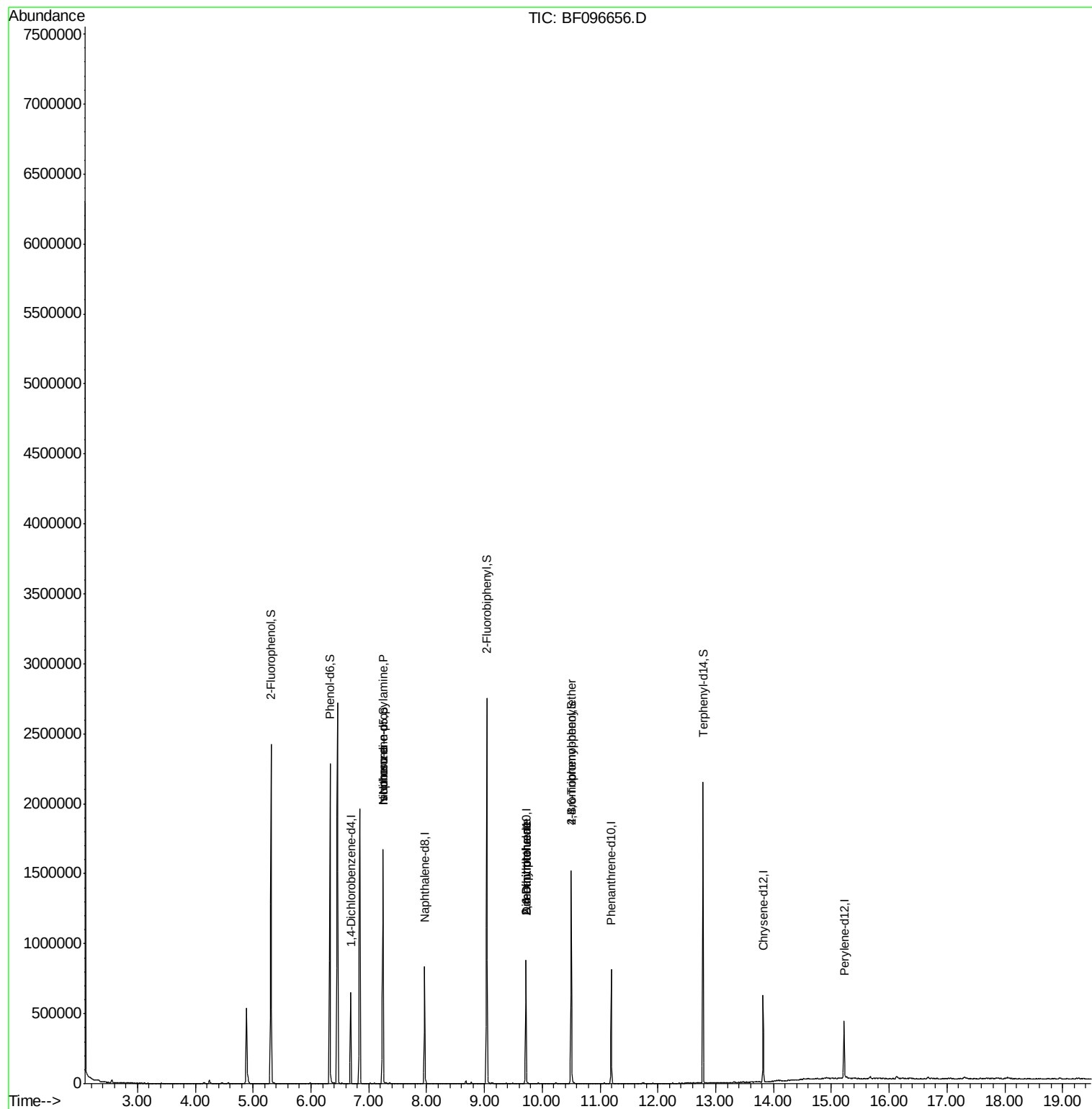
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	95042	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	401101	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	173873	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	280437	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	191975	20.00	ng	-0.02
86) Perylene-d12	15.22	264	169799	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	703708	109.28	ng	0.00
7) Phenol-d6	6.33	99	779474	98.46	ng	-0.02
23) Nitrobenzene-d5	7.25	82	536071	80.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	182493	134.37	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	917897	90.26	ng	-0.02
78) Terphenyl-d14	12.78	244	684523	76.19	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	69618	14.762	ng	# 88
25) Isophorone	7.25	82	536137	41.426	ng	# 67
49) Dimethylphthalate	9.72	163	49029	3.777	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	21392	7.453	ng	# 33
56) 2,4-Dinitrotoluene	9.72	165	21392	5.885	ng	# 32
66) 4-Bromophenyl-phenylether	10.50	248	11557	4.233	ng	# 1

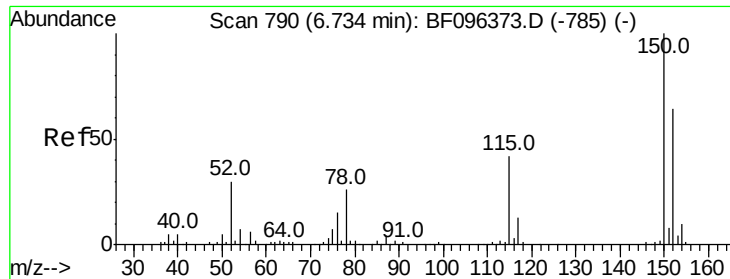
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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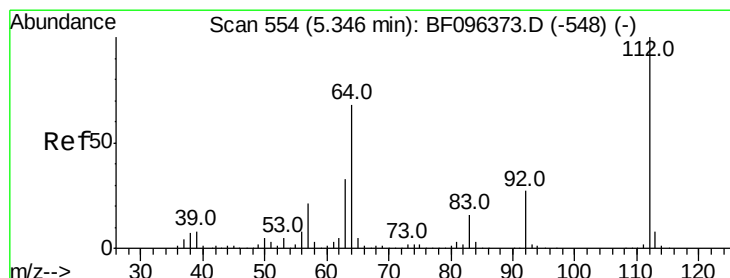
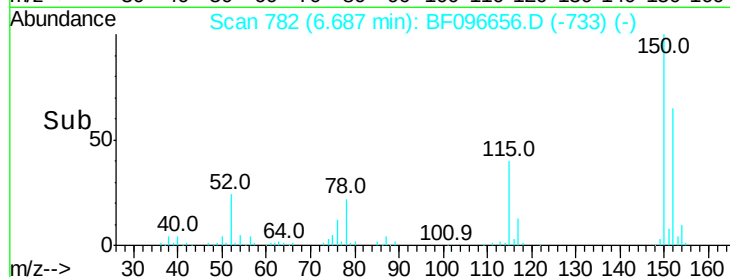
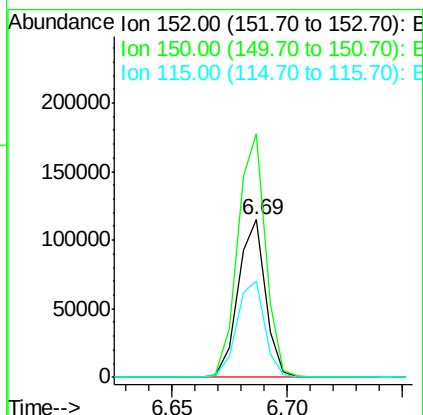
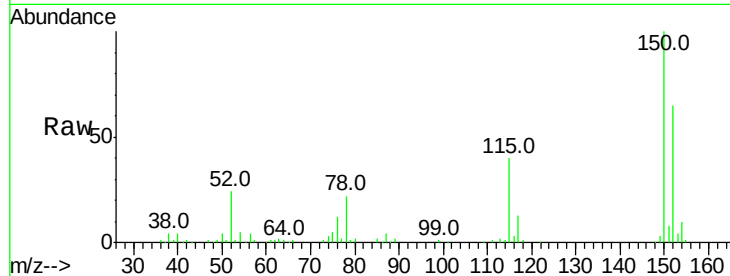


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF096656.D
 Acq: 11 Jul 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

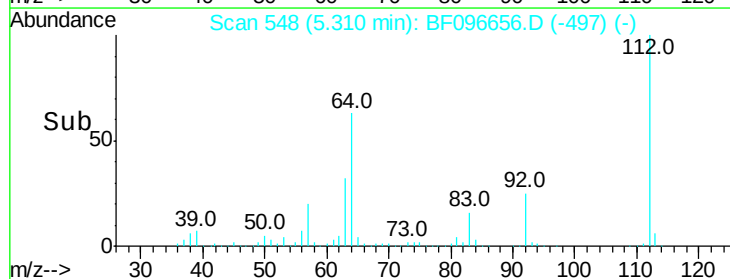
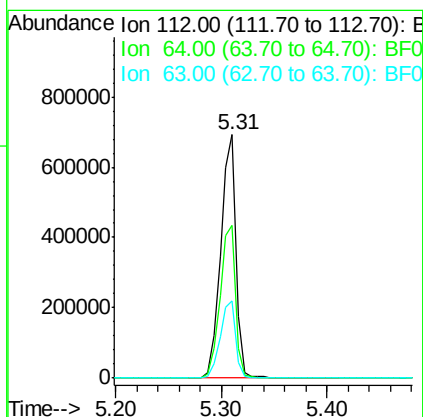
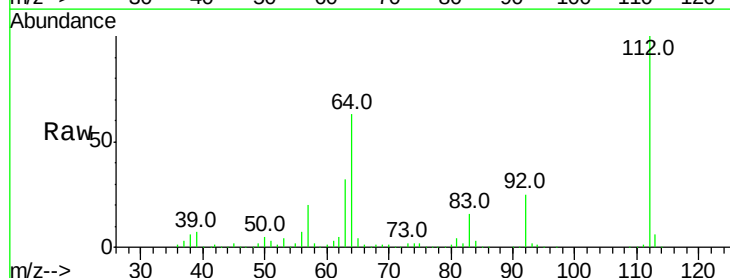
Tot Ion:152 Resp: 95042
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.2 189.2
 115 61.4 52.2 78.2

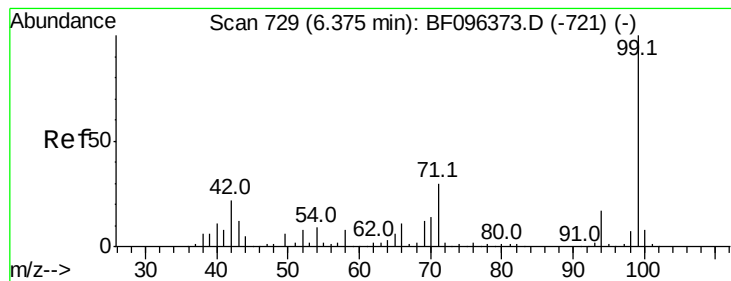


#5

2-Fluorophenol
 Concen: 109.283 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF096656.D
 Acq: 11 Jul 2017 20:47

Tgt Ion:112 Resp: 703708
 Ion Ratio Lower Upper
 112 100
 64 62.6 46.0 69.0
 63 31.6 23.4 35.0





#7

Phenol-d6

Concen: 98.465 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096656.D

Acq: 11 Jul 2017 20:47

Instrument :

BNA_F

ClientSampleId :

TP-12-COMP

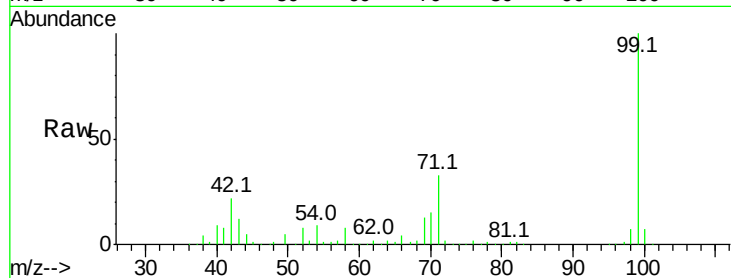
Tot Ion: 99 Resp: 779474

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

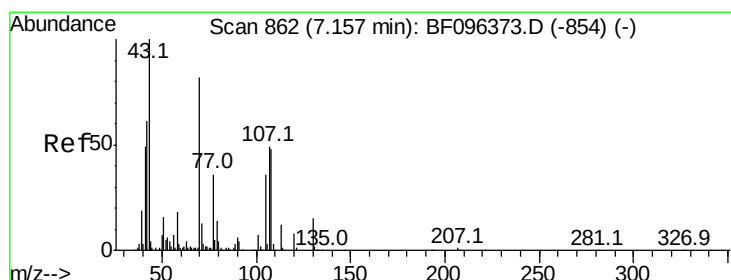
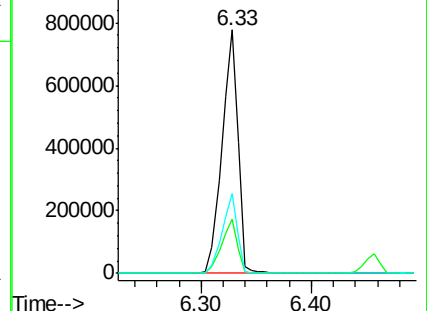
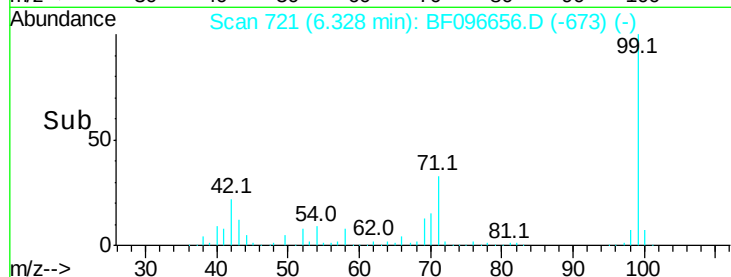
71 32.9 24.5 36.7



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: 14.762 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.12 min

Lab File: BF096656.D

Acq: 11 Jul 2017 20:47

Tgt Ion: 70 Resp: 69618

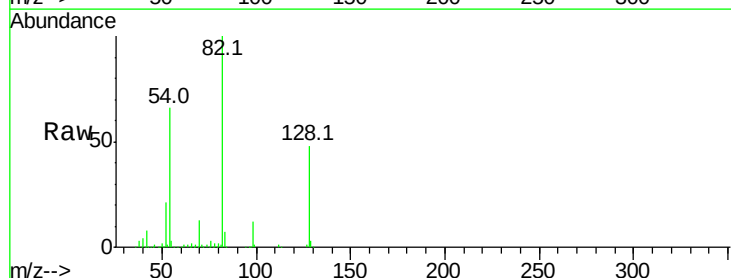
Ion Ratio Lower Upper

70 100

42 59.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

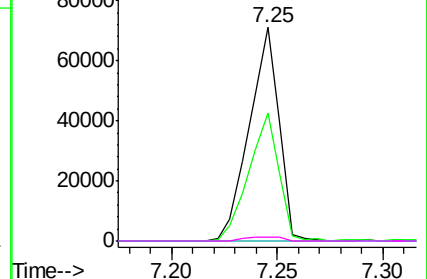
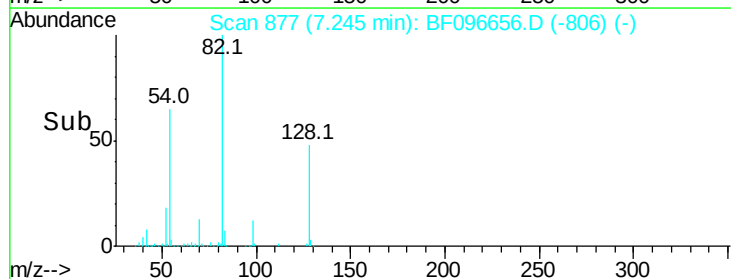


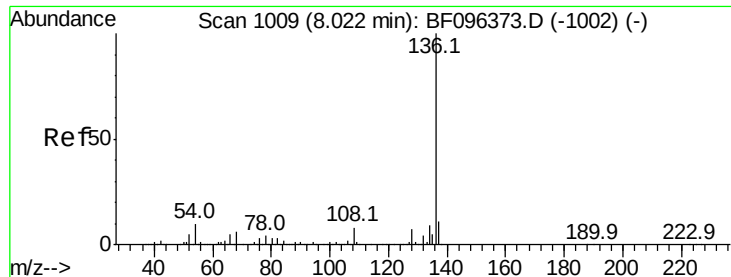
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

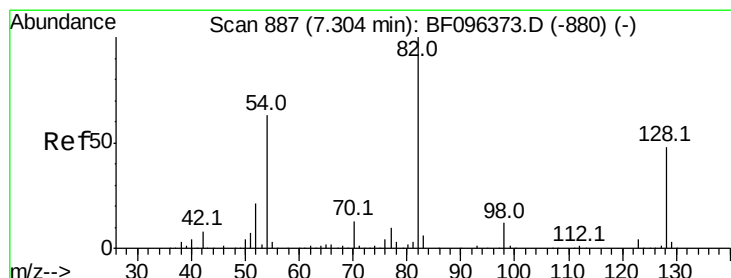
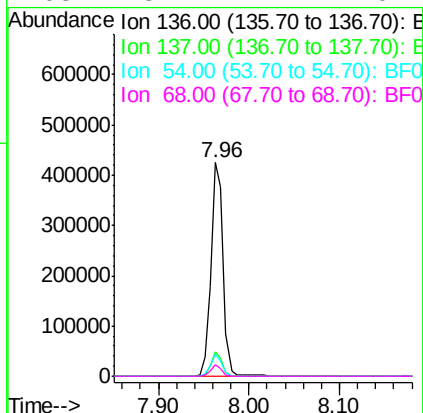
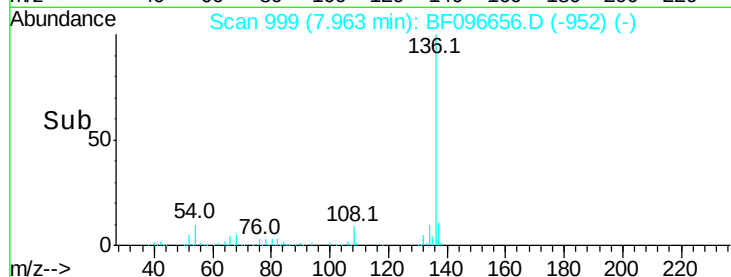
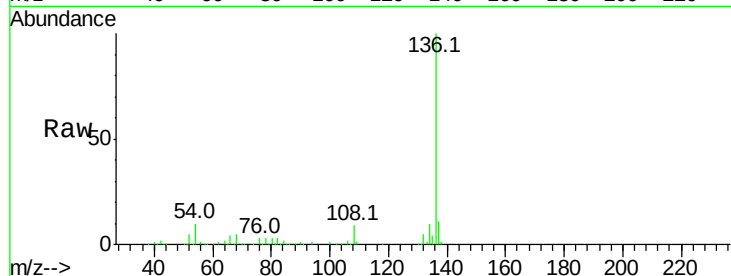




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096656.D
Acq: 11 Jul 2017 20:47

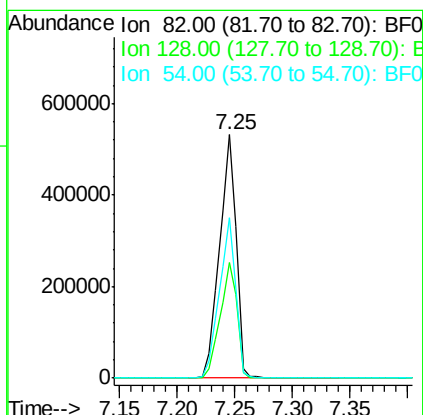
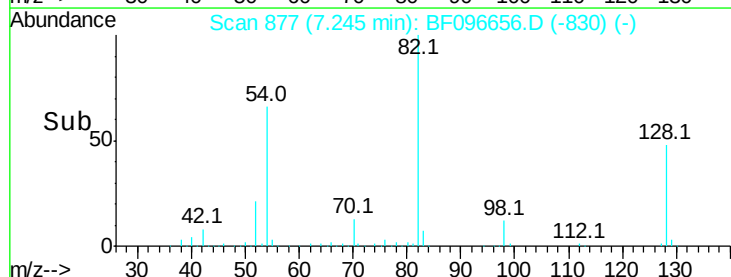
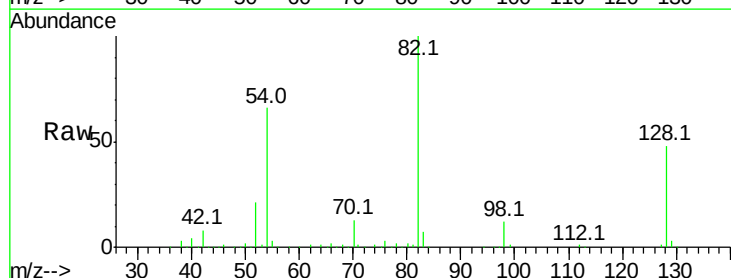
Instrument :
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ClientSampleId :
TP-12-COMP

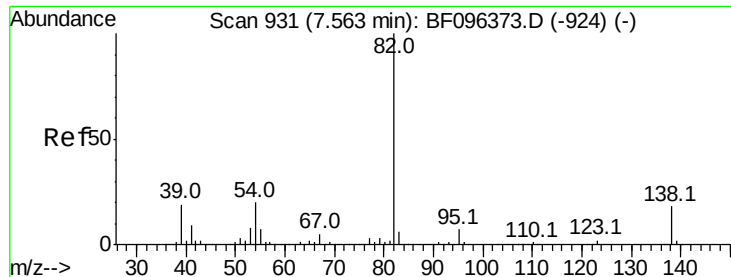
Tot Ion:	136	Resp:	401101
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.0	4.9	7.3#
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 80.311 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096656.D
Acq: 11 Jul 2017 20:47

Tgt Ion:	82	Resp:	536071
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	66.0	42.2	63.2#





#25

Isophorone

Concen: 41.426 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.28 min

Lab File: BF096656.D

Acq: 11 Jul 2017 20:47

Instrument :

BNA_F

ClientSampleId :

TP-12-COMP

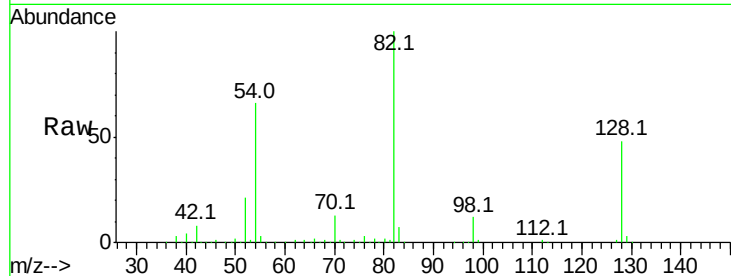
Tot Ion: 82 Resp: 536137

Ion Ratio Lower Upper

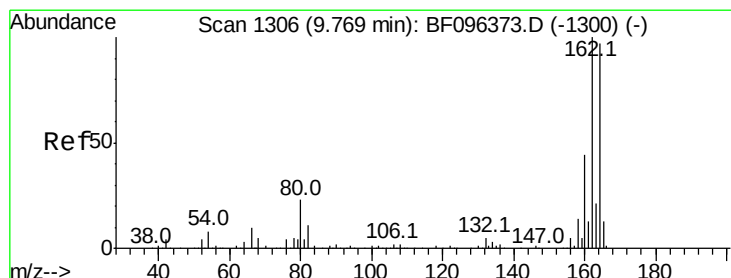
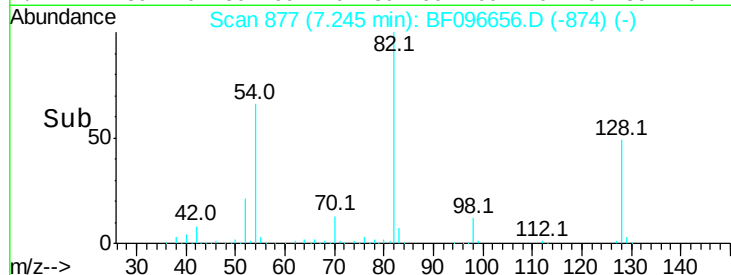
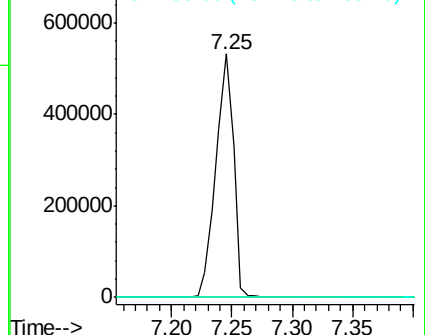
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096656.D

Acq: 11 Jul 2017 20:47

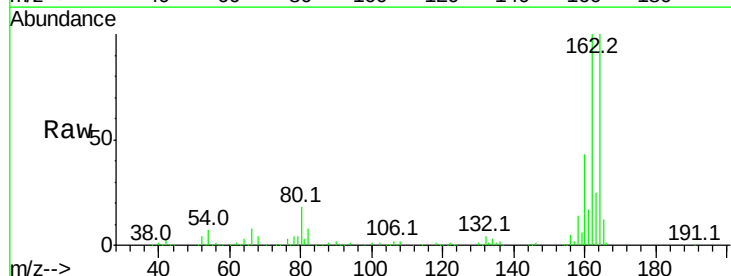
Tgt Ion:164 Resp: 173873

Ion Ratio Lower Upper

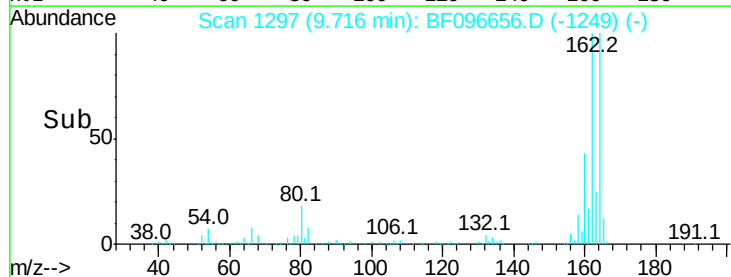
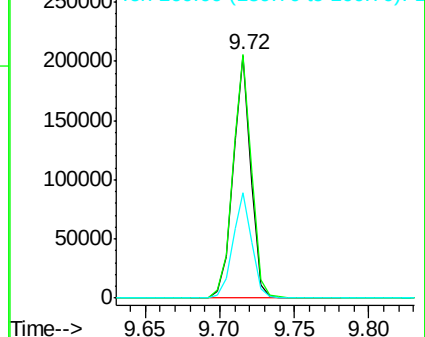
164 100

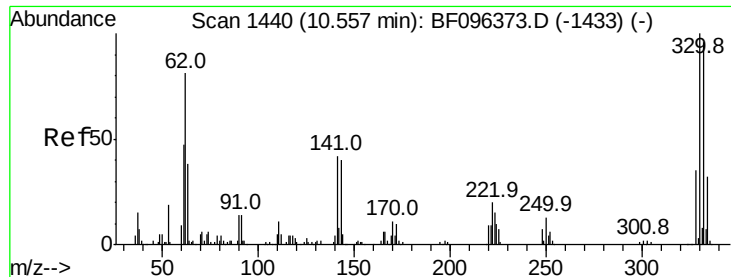
162 100.4 82.6 123.8

160 43.4 36.2 54.2



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: 134.368 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF096656.D

Acq: 11 Jul 2017 20:47

Instrument :

BNA_F

ClientSampleId :

TP-12-COMP

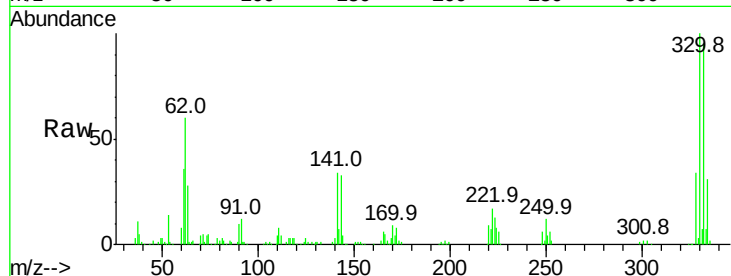
Tot Ion:330 Resp: 182493

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

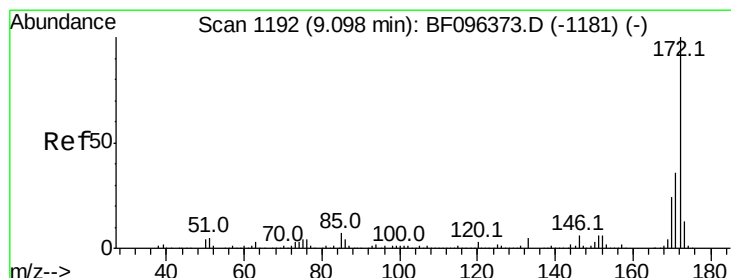
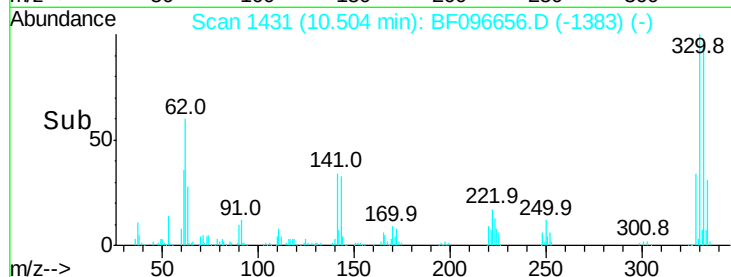
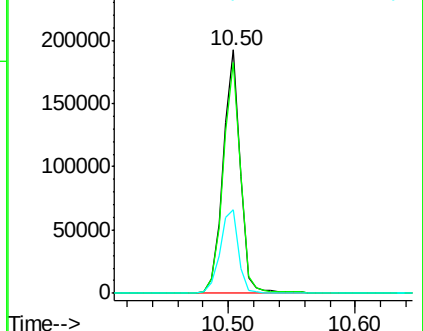
141 37.2 31.4 47.2



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: 90.261 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF096656.D

Acq: 11 Jul 2017 20:47

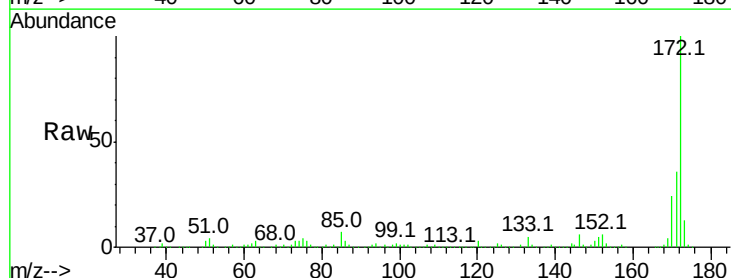
Tgt Ion:172 Resp: 917897

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

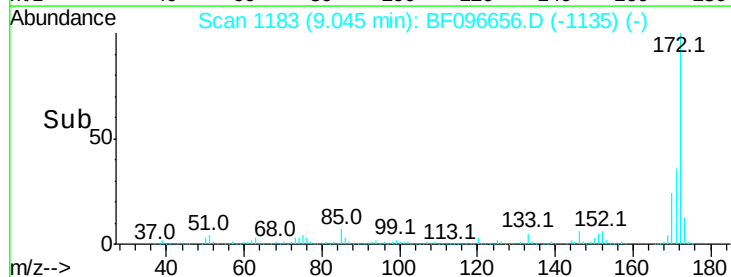
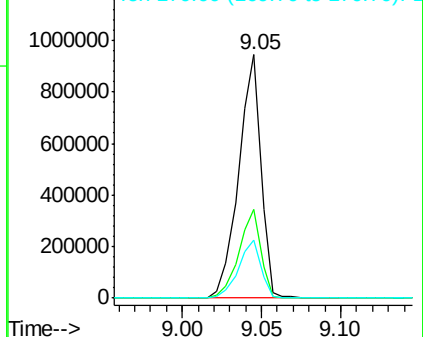
170 24.1 19.8 29.8

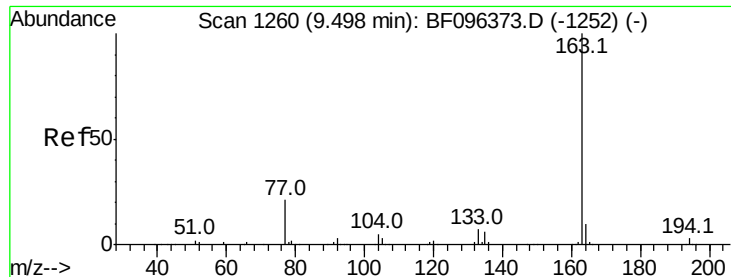


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

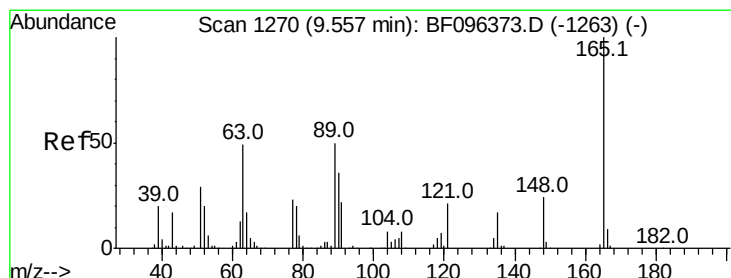
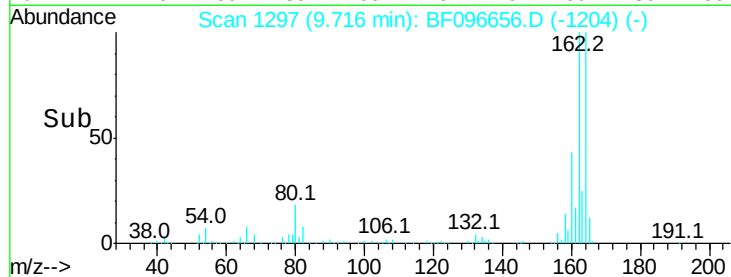
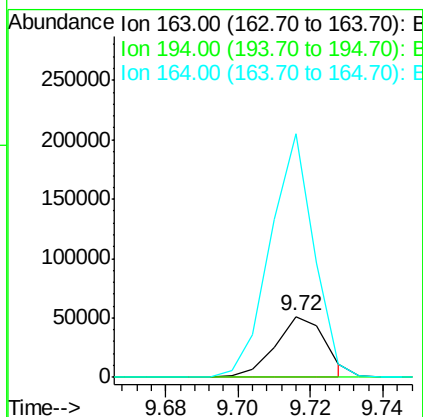
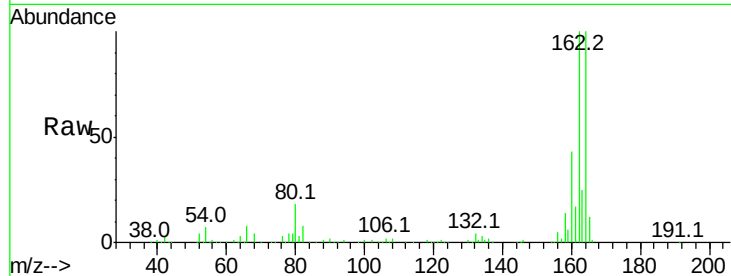




#49
Dimethylphthalate
Concen: 3.777 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.25 min
Lab File: BF096656.D
Acq: 11 Jul 2017 20:47

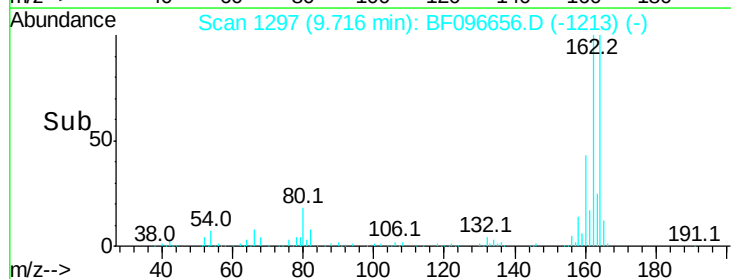
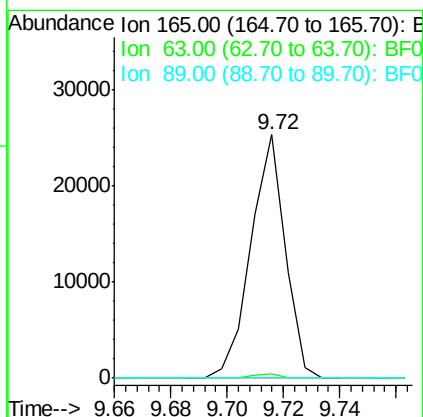
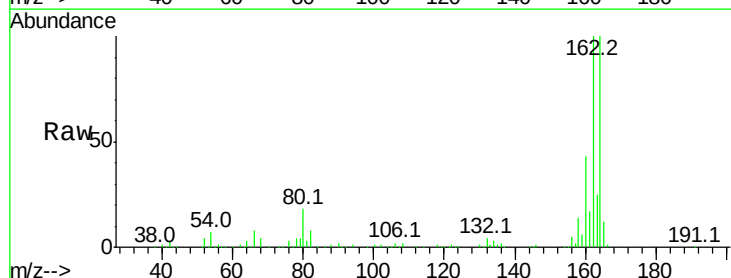
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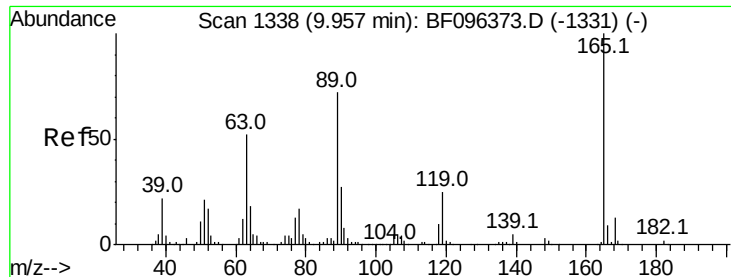
Tot Ion:163 Resp: 49029
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 398.1 8.4 12.6#



#50
2,6-Dinitrotoluene
Concen: 7.453 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.19 min
Lab File: BF096656.D
Acq: 11 Jul 2017 20:47

Tgt Ion:165 Resp: 21392
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 0.0 37.1 55.7#

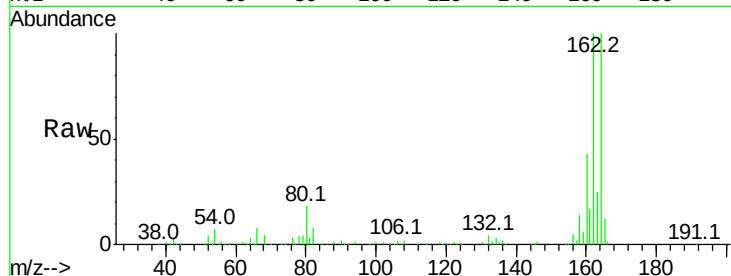




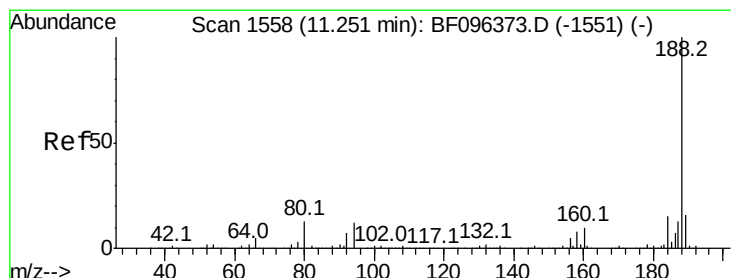
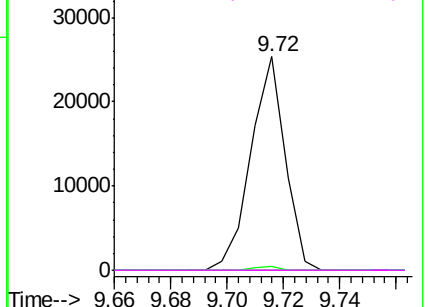
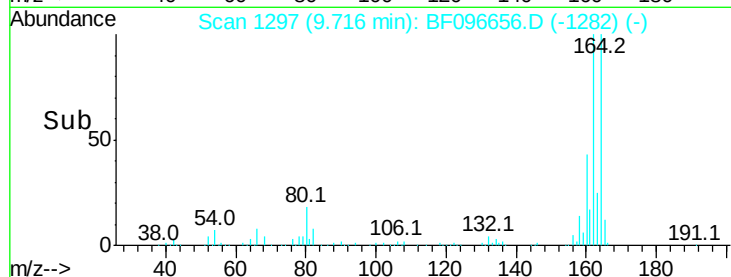
#56
 2,4-Dinitrotoluene
 Concen: 5.885 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096656.D
 Acq: 11 Jul 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

Tot Ion:165 Resp: 21392
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

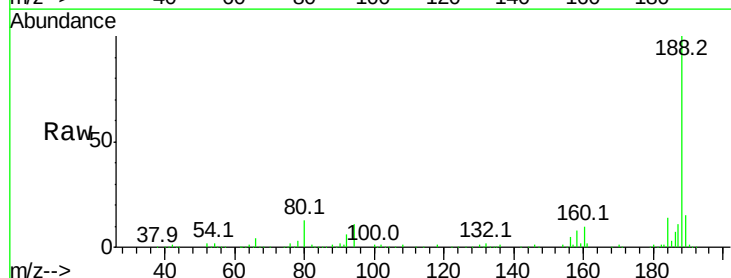


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

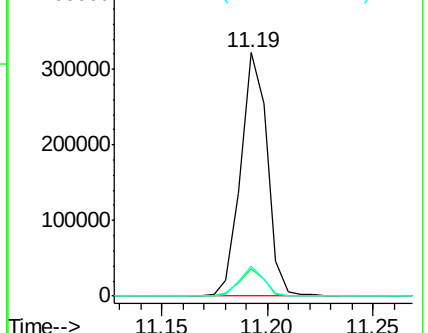
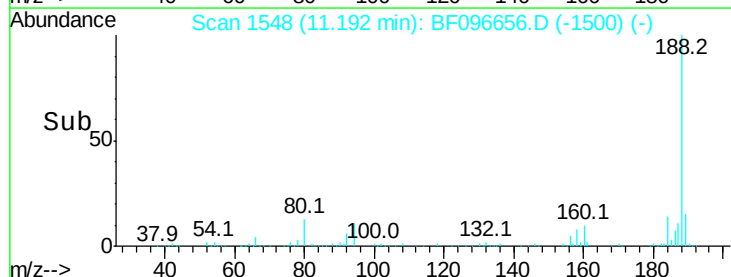


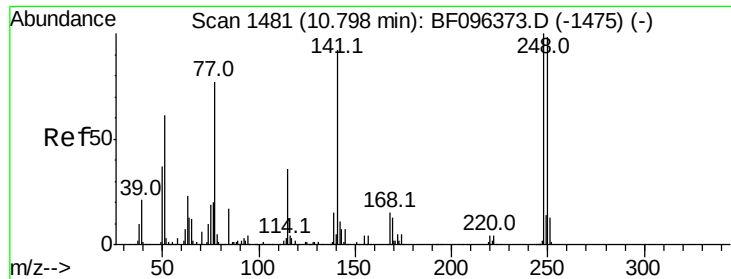
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096656.D
 Acq: 11 Jul 2017 20:47

Tgt Ion:188 Resp: 280437
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 12.5 10.2 15.2



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

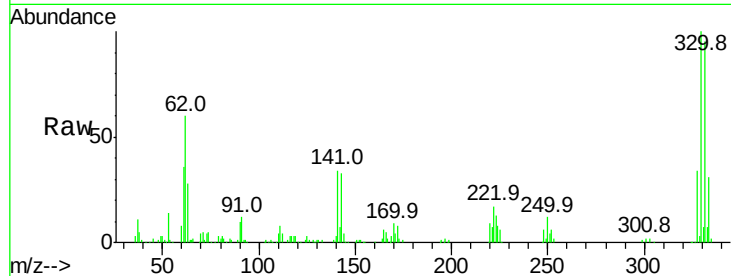




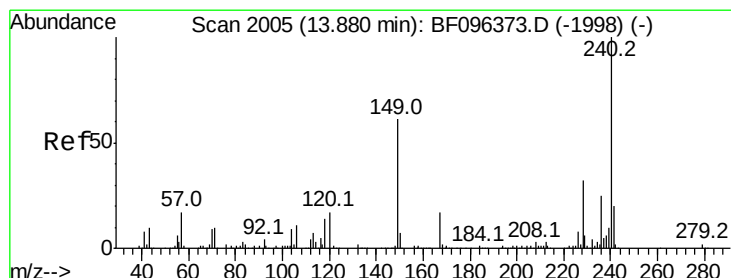
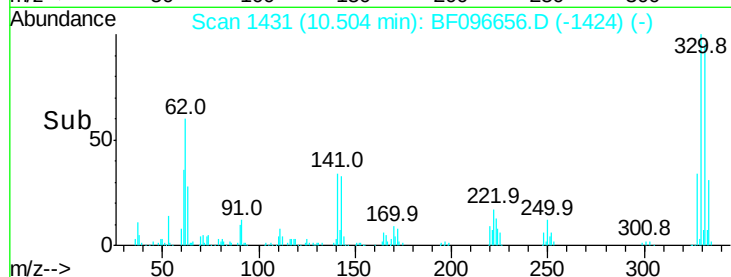
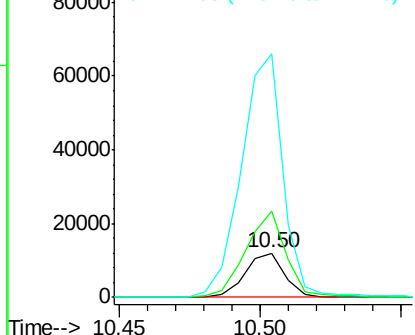
#66
4-Bromophenyl-phenylether
Concen: 4.233 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.26 min
Lab File: BF096656.D
Acq: 11 Jul 2017 20:47

Instrument :
BNA_F
ClientSampleId :
TP-12-COMP

Tot Ion:248 Resp: 11557
Ion Ratio Lower Upper
248 100
250 193.3 76.8 115.2#
141 546.8 68.6 103.0#

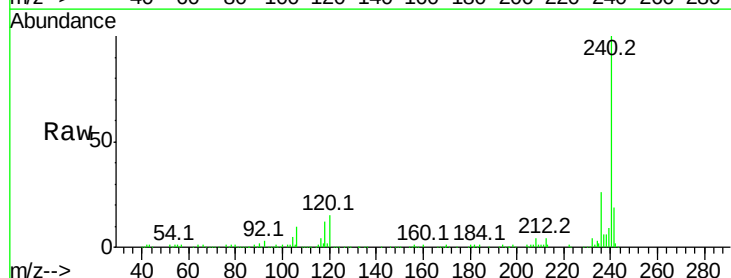


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

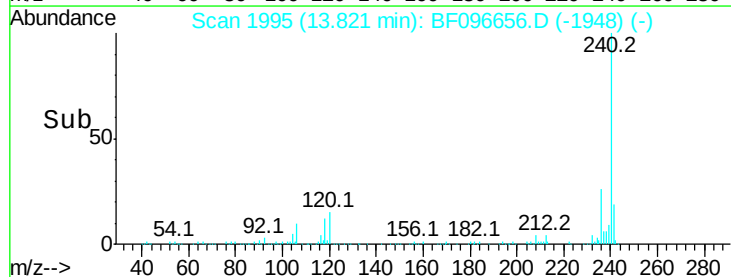
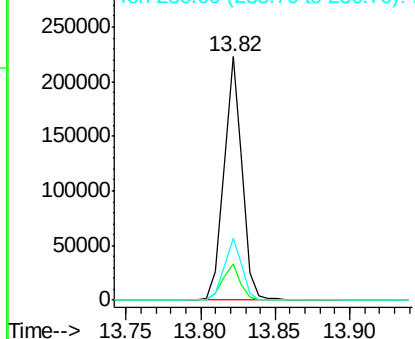


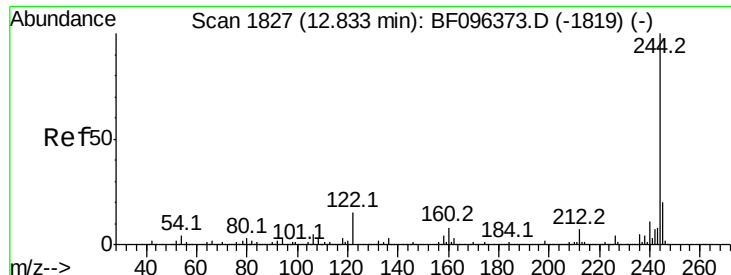
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096656.D
Acq: 11 Jul 2017 20:47

Tgt Ion:240 Resp: 191975
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 25.6 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: 76.193 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096656.D

Acq: 11 Jul 2017 20:47

Instrument :

BNA_F

ClientSampleId :

TP-12-COMP

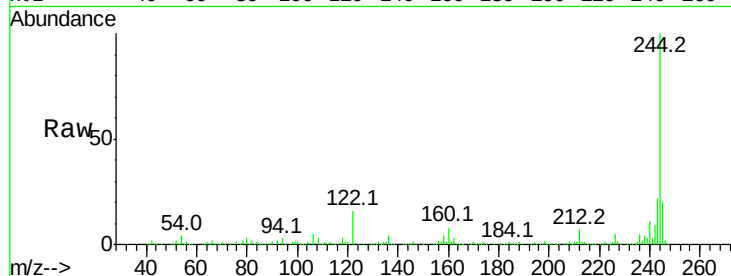
Tot Ion:244 Resp: 684523

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

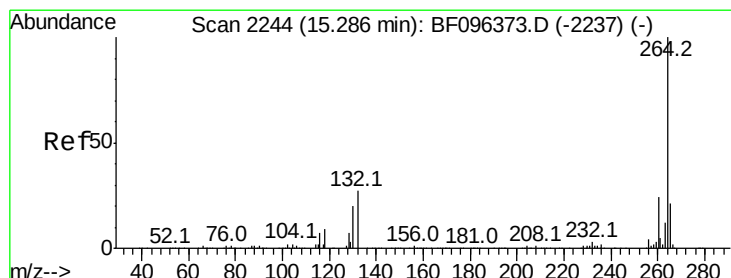
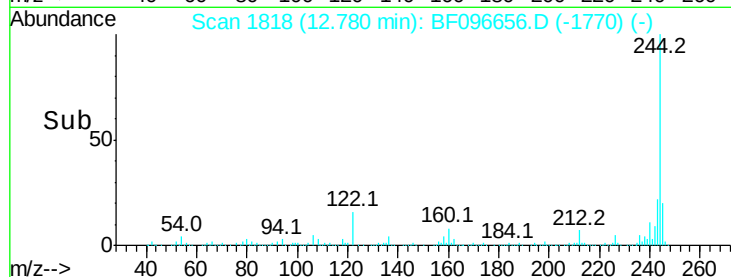
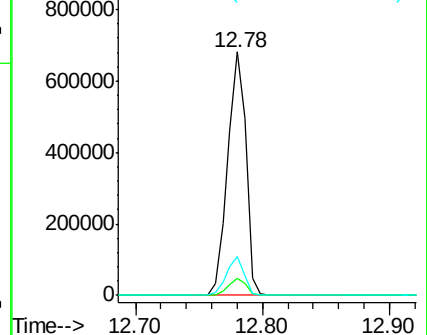
122 16.0 10.3 15.5#



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: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BF096656.D

Acq: 11 Jul 2017 20:47

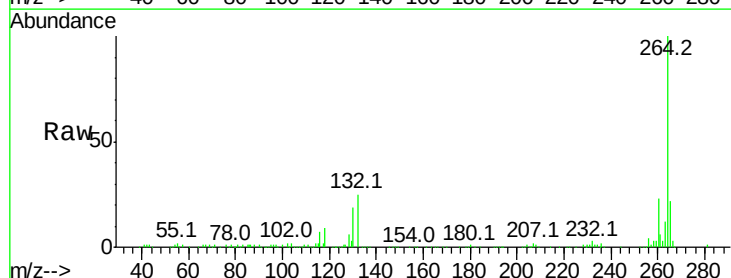
Tgt Ion:264 Resp: 169799

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 22.4 17.2 25.8



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

