

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096646.D
 Acq On : 11 Jul 2017 16:05
 Operator : SJ/JU
 Sample : I4120-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

Quant Time: Jul 11 16:57:41 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

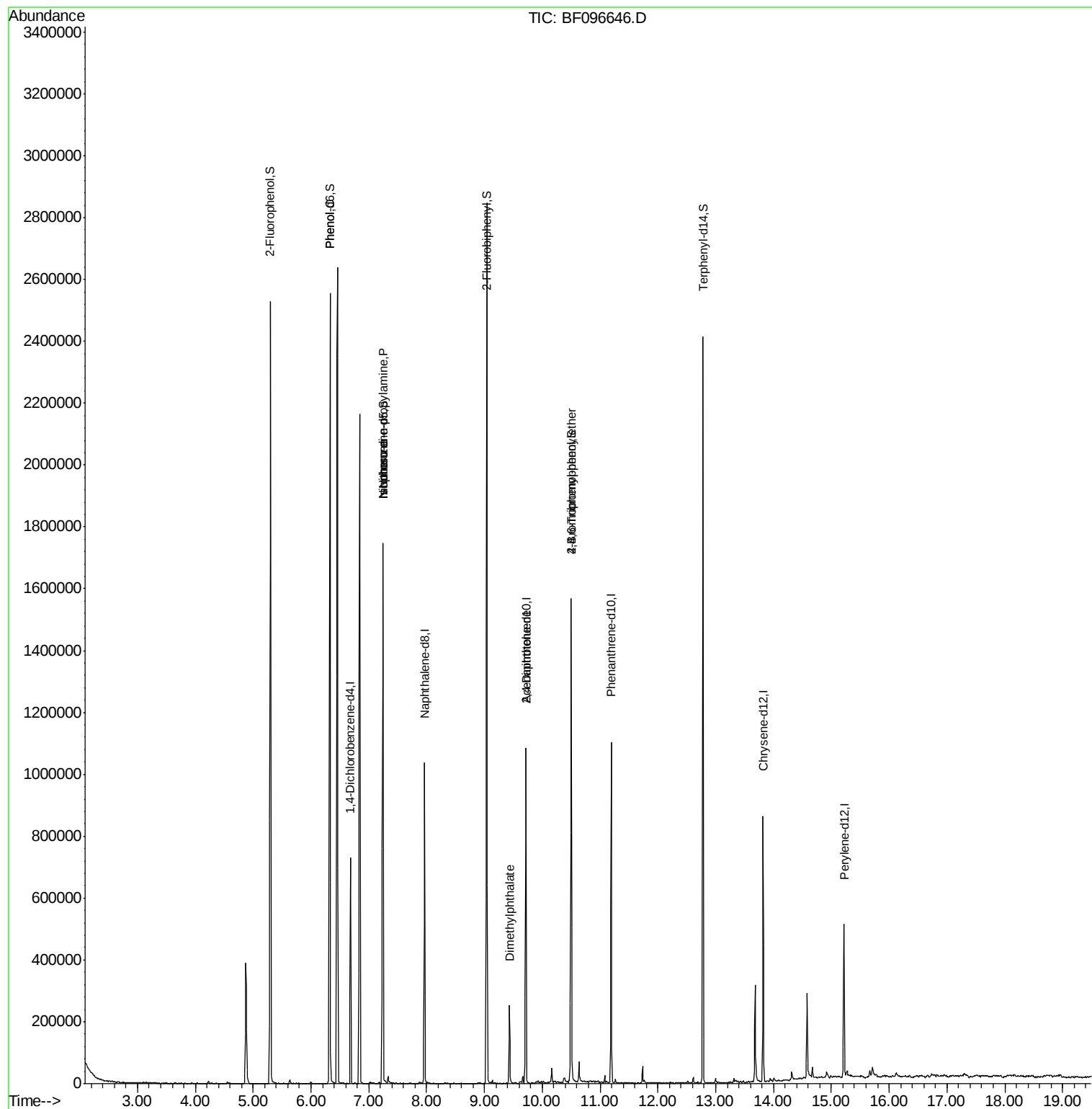
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	105837	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	482125	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	209367	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	369386	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	275546	20.00	ng	-0.02
86) Perylene-d12	15.22	264	204926	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	752055	104.88	ng	-0.01
7) Phenol-d6	6.33	99	909683	103.19	ng	-0.02
23) Nitrobenzene-d5	7.25	82	547873	68.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	196551	120.18	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1002578	81.87	ng	-0.02
78) Terphenyl-d14	12.78	244	783172	60.73	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	26653	2.654	ng	84
19) n-Nitroso-di-n-propylamine	7.25	70	73177	13.934	ng	# 89
25) Isophorone	7.25	82	547867	35.218	ng	# 67
49) Dimethylphthalate	9.43	163	97965	6.268	ng	98
56) 2,4-Dinitrotoluene	9.72	165	27165	6.207	ng	# 32
66) 4-Bromophenyl-phenylether	10.50	248	12310	3.423	ng	# 1

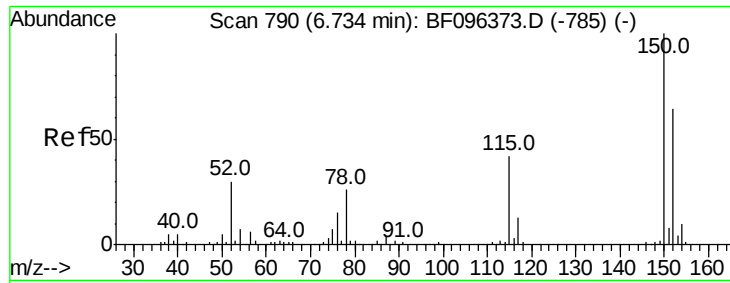
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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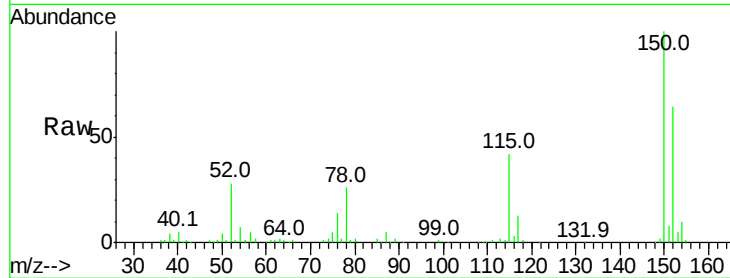


#1

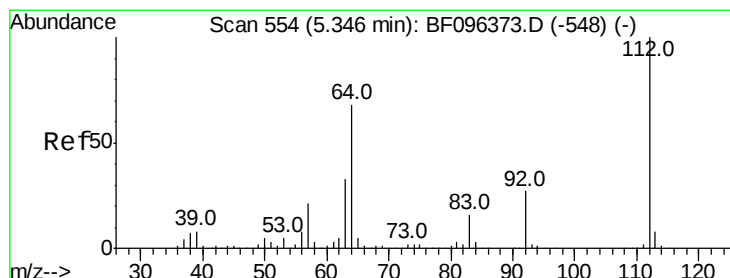
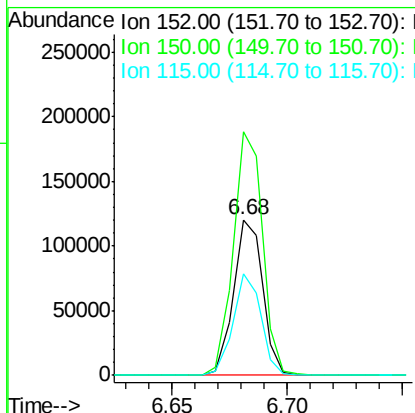
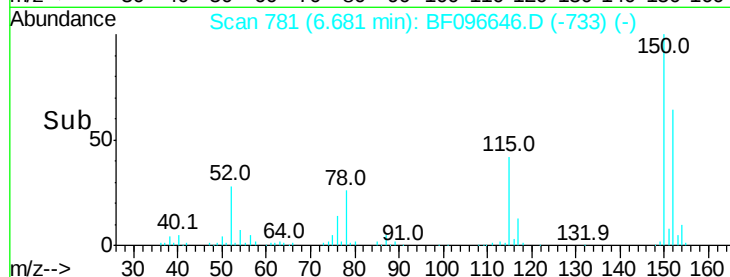
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

Tot Ion:152 Resp: 105837
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.2 189.2
 115 65.2 52.2 78.2



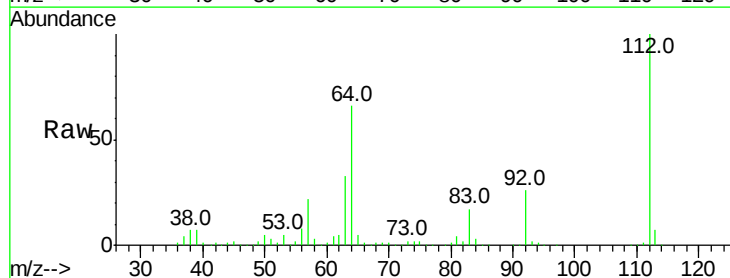
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



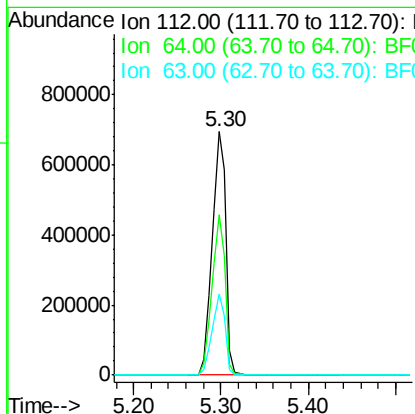
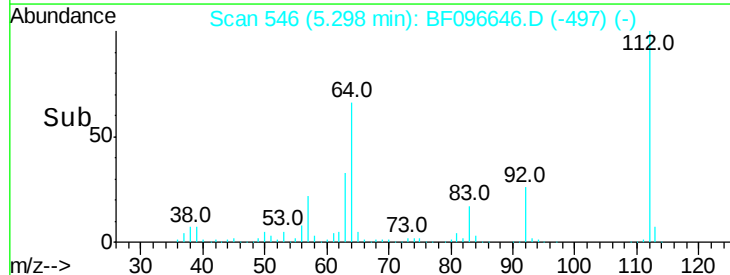
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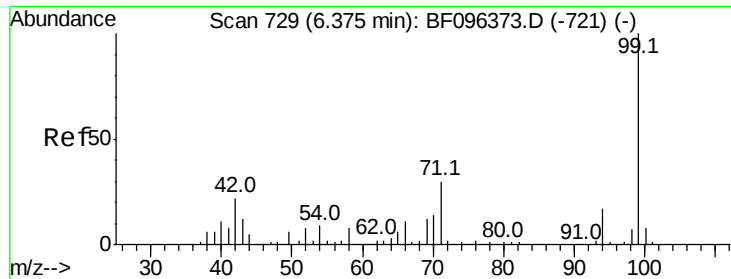
2-Fluorophenol
 Concen: 104.879 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

Tgt Ion:112 Resp: 752055
 Ion Ratio Lower Upper
 112 100
 64 66.1 46.0 69.0
 63 33.3 23.4 35.0



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: 103.193 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096646.D

Acq: 11 Jul 2017 16:05

Instrument :

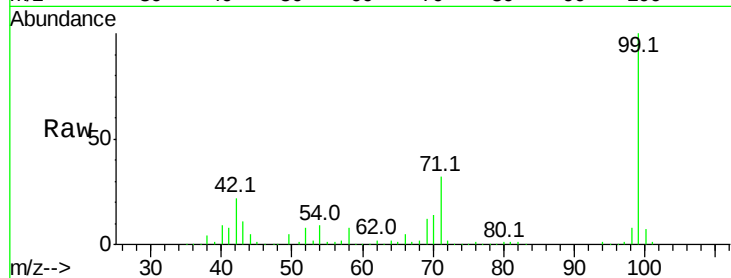
BNA_F

ClientSampleId :

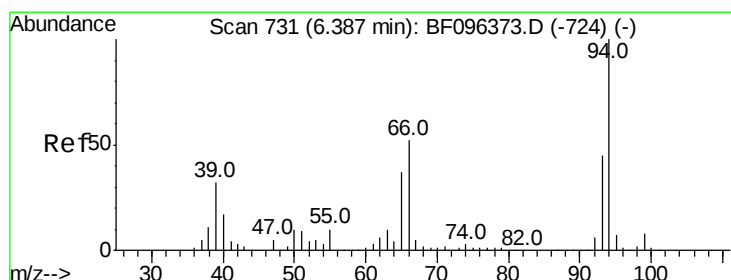
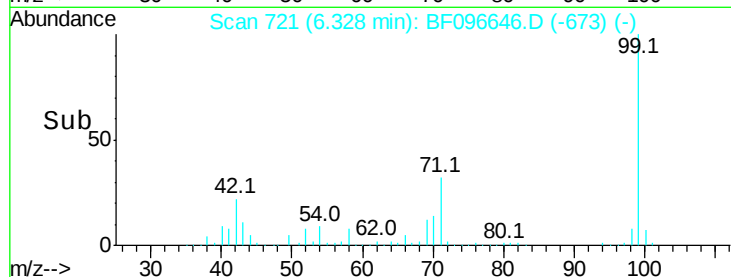
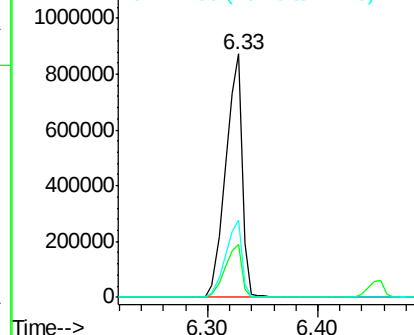
TP-12-COMP

Tot Ion: 99 Resp: 909683

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	31.6	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



#10

Phenol

Concen: 2.654 ng

RT: 6.33 min Scan# 722

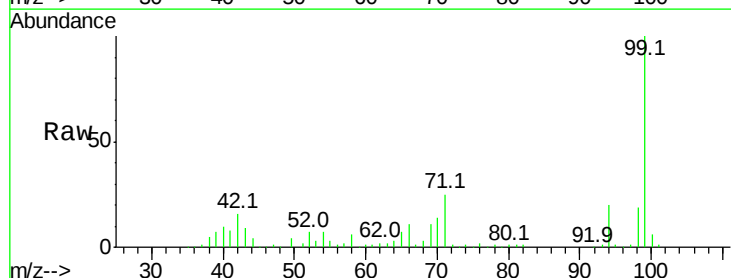
Delta R.T. -0.02 min

Lab File: BF096646.D

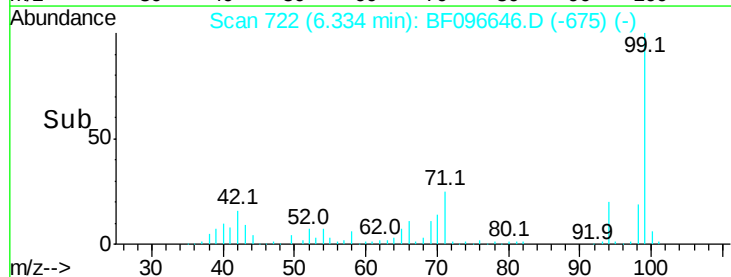
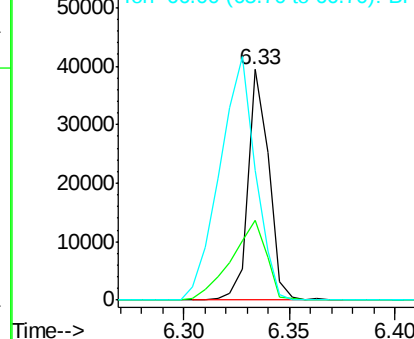
Acq: 11 Jul 2017 16:05

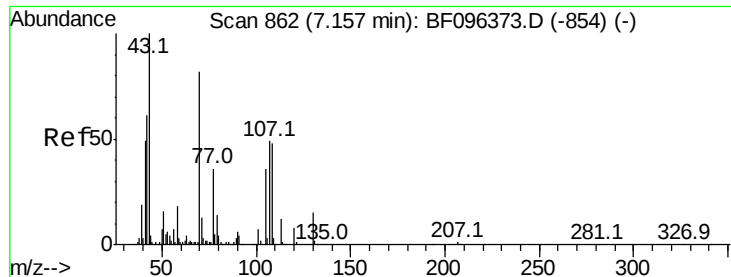
Tgt Ion: 94 Resp: 26653

Ion	Ratio	Lower	Upper
94	100		
65	34.8	9.9	49.9
66	56.4	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

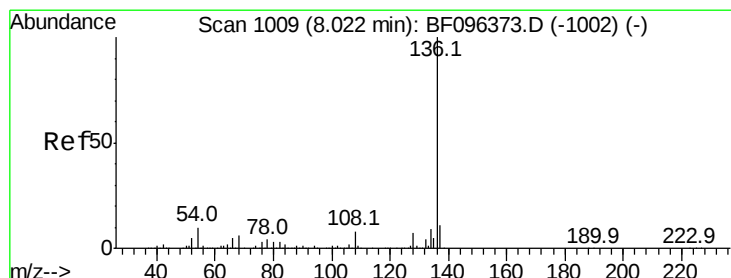
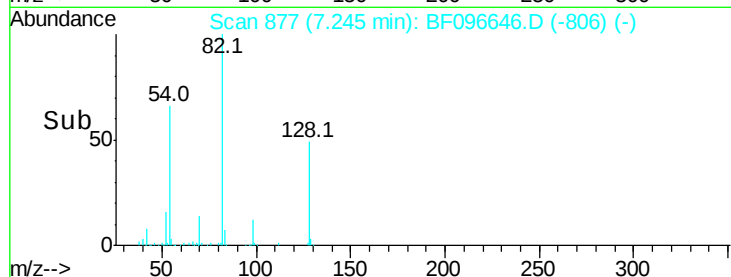
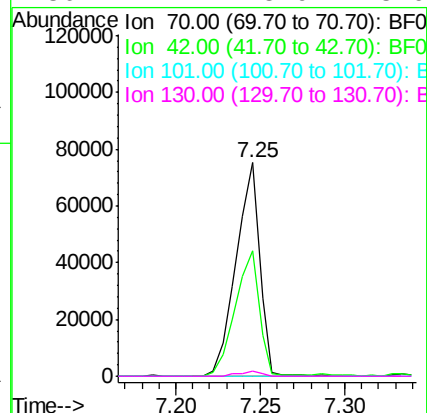
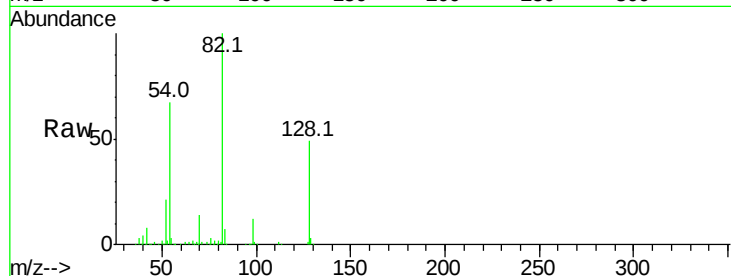




#19
n-Nitroso-di-n-propylamine
Concen: 13.934 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096646.D
Acq: 11 Jul 2017 16:05

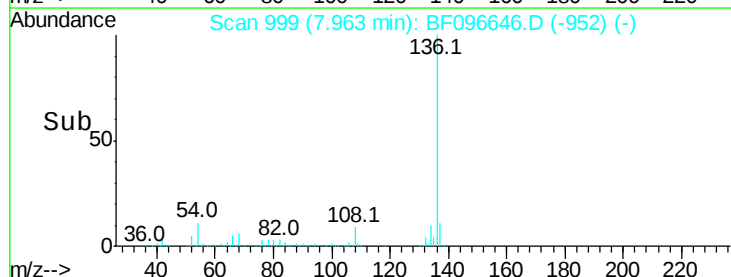
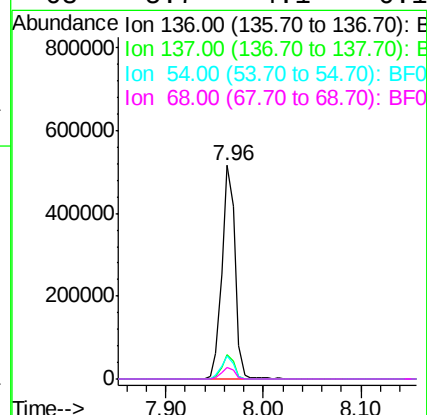
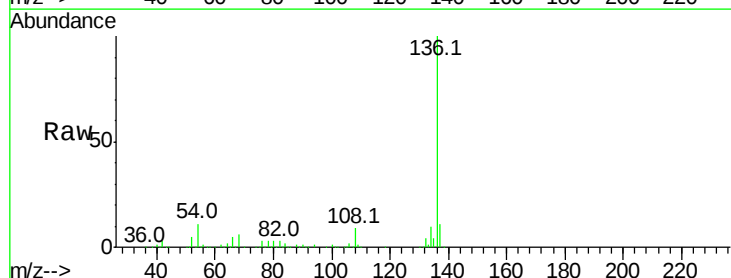
Instrument :
BNA_F
ClientSampleId :
TP-12-COMP

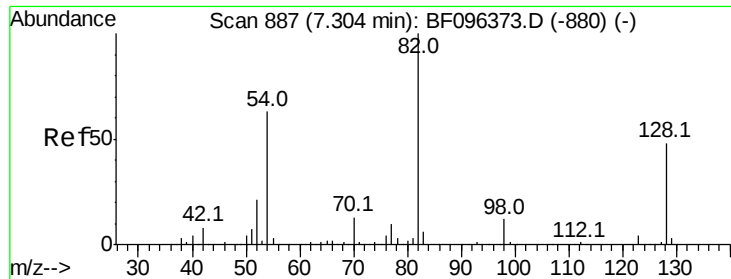
Tot Ion: 70 Resp: 73177
Ion Ratio Lower Upper
70 100
42 58.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096646.D
Acq: 11 Jul 2017 16:05

Tgt Ion:136 Resp: 482125
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.5 4.9 7.3#
68 5.7 4.1 6.1

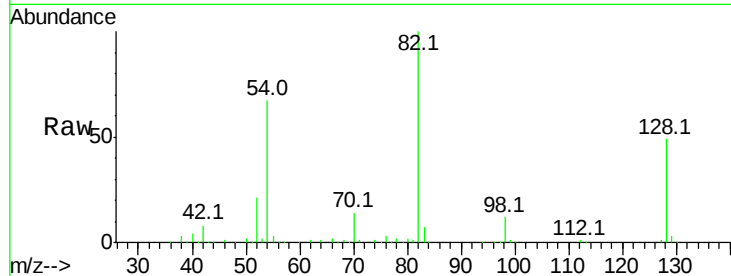




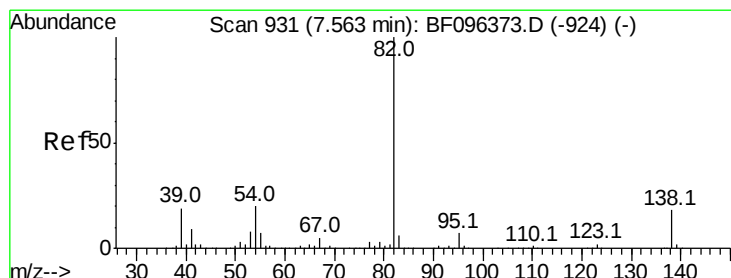
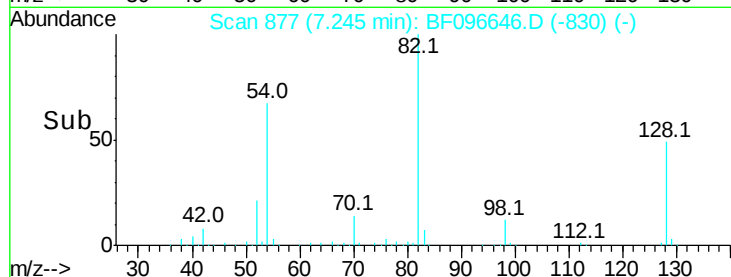
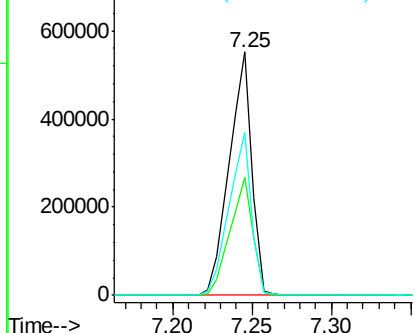
#23
Nitrobenzene-d5
Concen: 68.285 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096646.D
Acq: 11 Jul 2017 16:05

Instrument :
BNA_F
ClientSampleId :
TP-12-COMP

Tot Ion: 82 Resp: 547873
Ion Ratio Lower Upper
82 100
128 48.7 34.0 51.0
54 66.8 42.2 63.2#

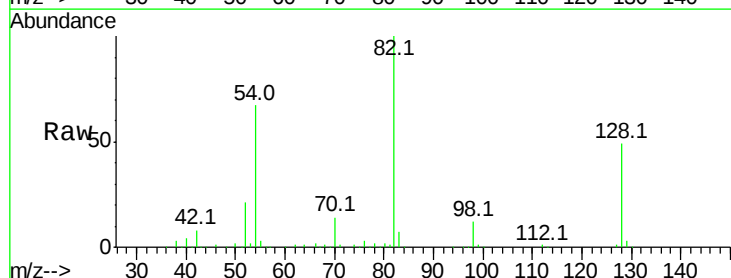


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

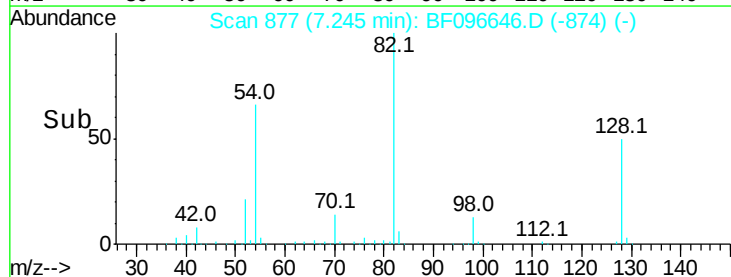
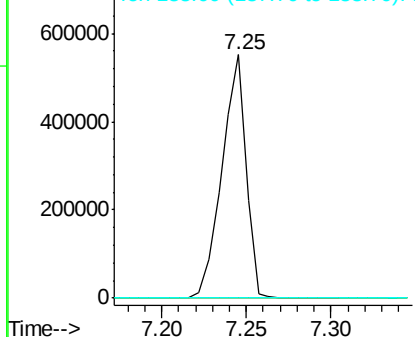


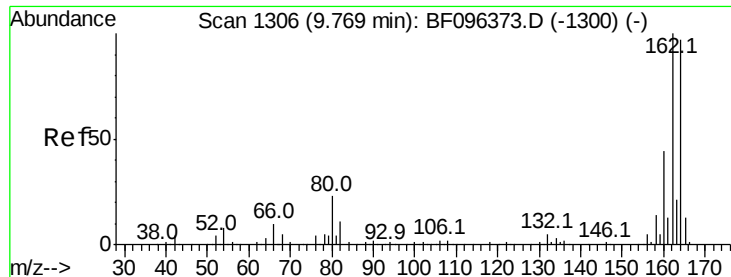
#25
Isophorone
Concen: 35.218 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096646.D
Acq: 11 Jul 2017 16:05

Tgt Ion: 82 Resp: 547867
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): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096646.D

Acq: 11 Jul 2017 16:05

Instrument :

BNA_F

ClientSampleId :

TP-12-COMP

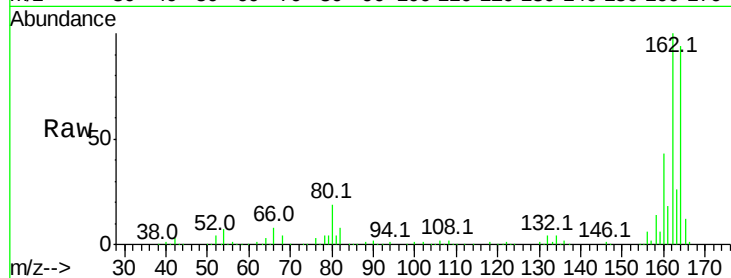
Tot Ion:164 Resp: 209367

Ion Ratio Lower Upper

164 100

162 106.8 82.6 123.8

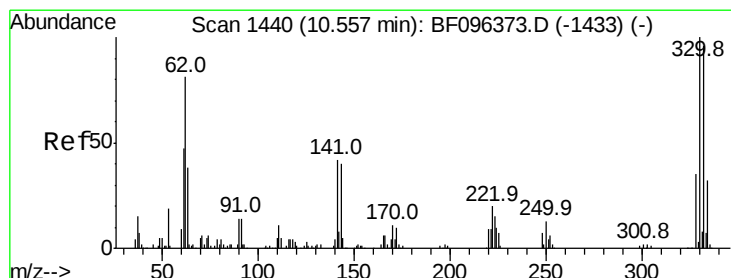
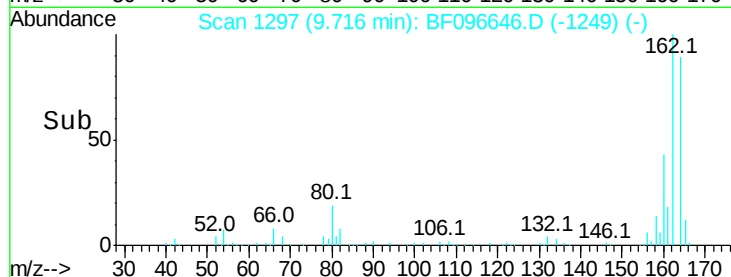
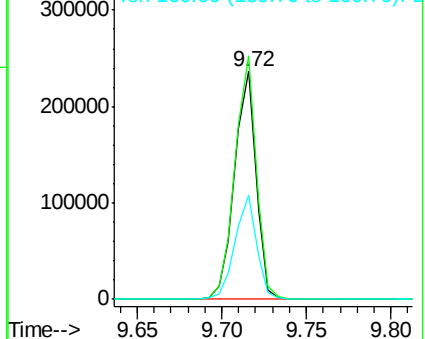
160 45.4 36.2 54.2



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: 120.184 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF096646.D

Acq: 11 Jul 2017 16:05

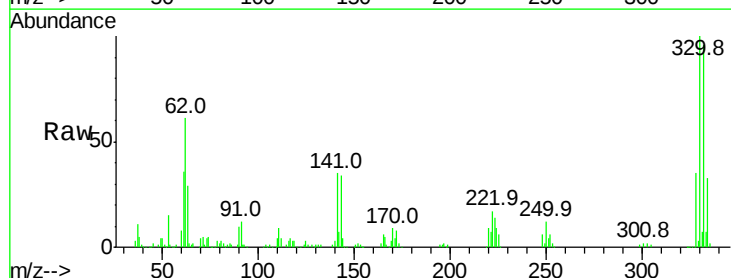
Tgt Ion:330 Resp: 196551

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

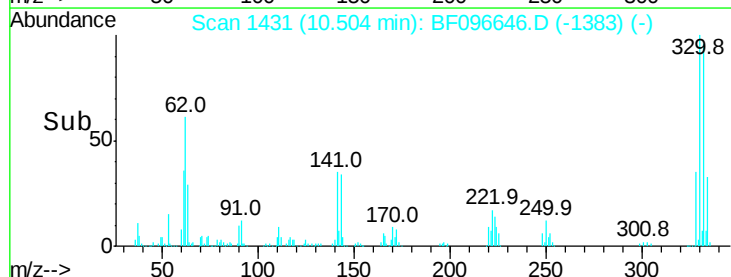
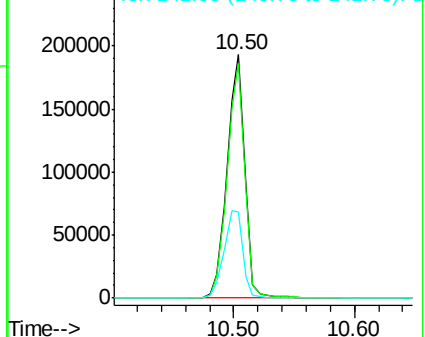
141 38.2 31.4 47.2

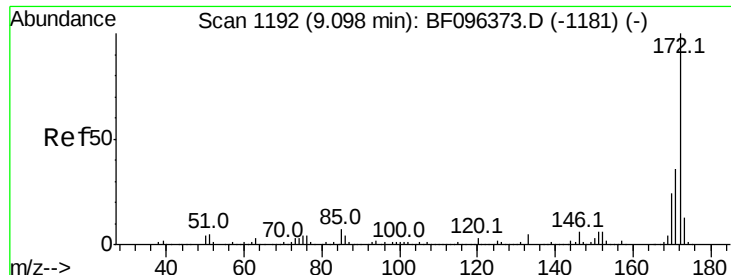


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

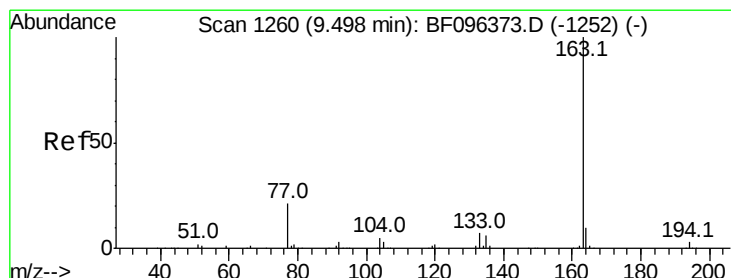
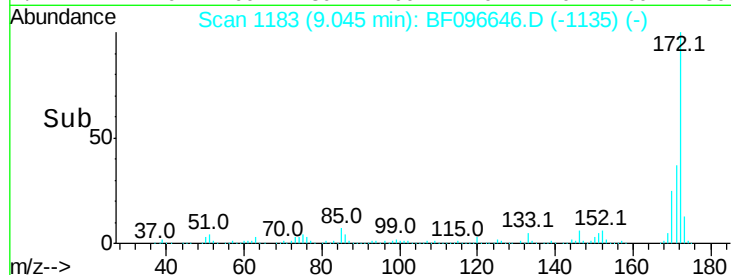
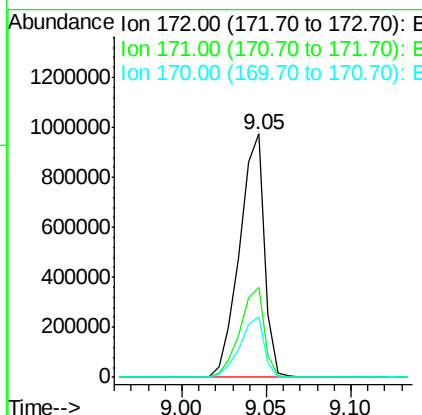
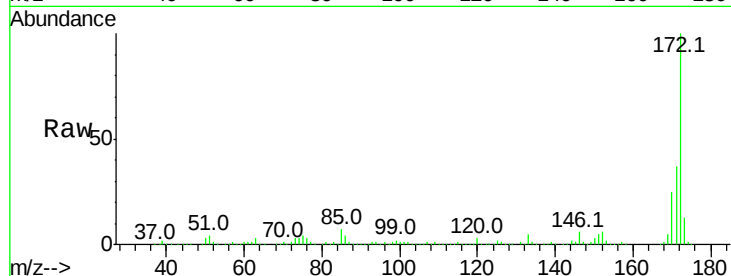




#44
2-Fluorobiphenyl
Concen: 81.874 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096646.D
Acq: 11 Jul 2017 16:05

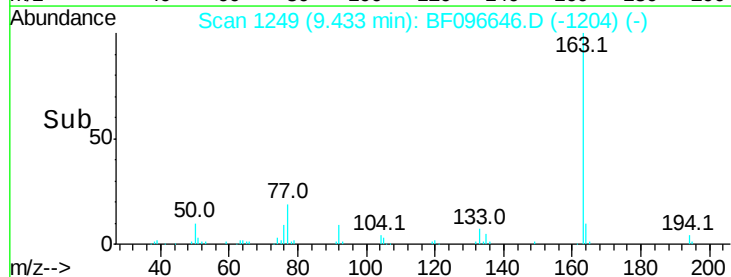
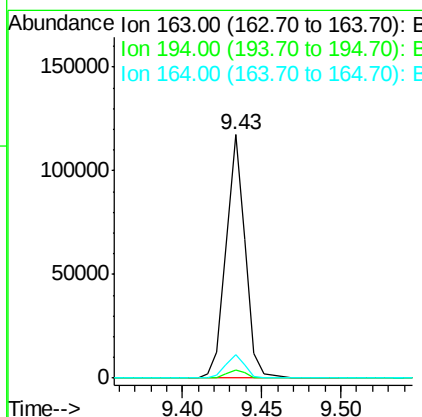
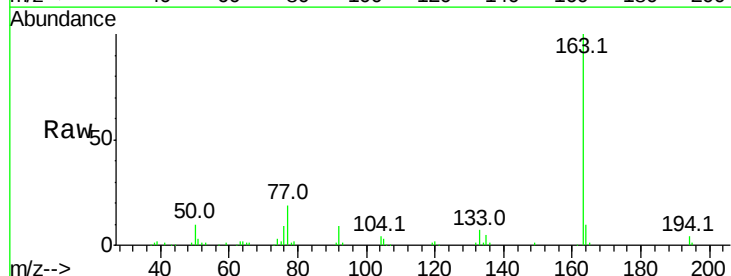
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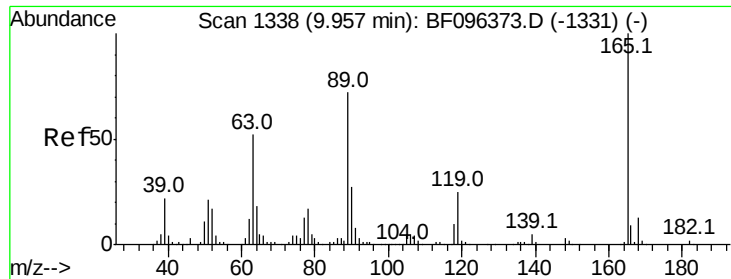
Tot Ion:172 Resp: 1002578
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.7 19.8 29.8



#49
Dimethylphthalate
Concen: 6.268 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096646.D
Acq: 11 Jul 2017 16:05

Tgt Ion:163 Resp: 97965
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6

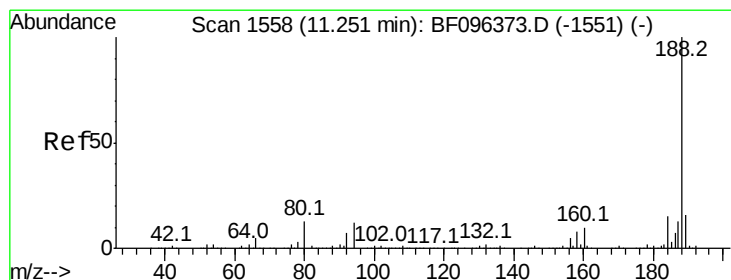
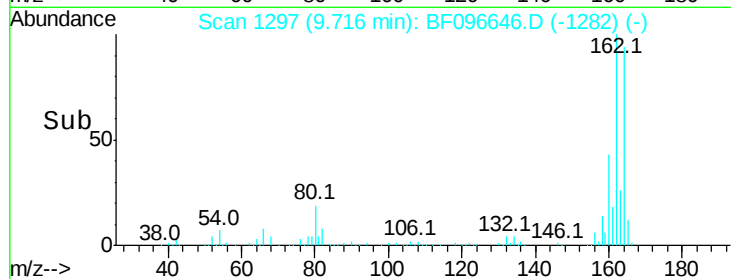
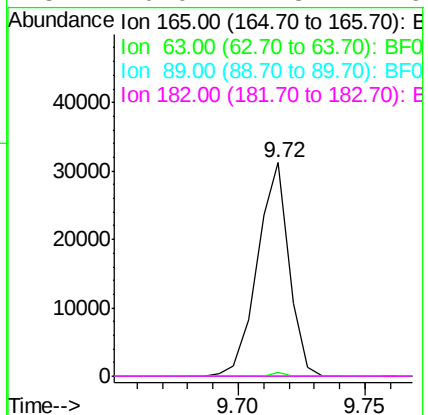
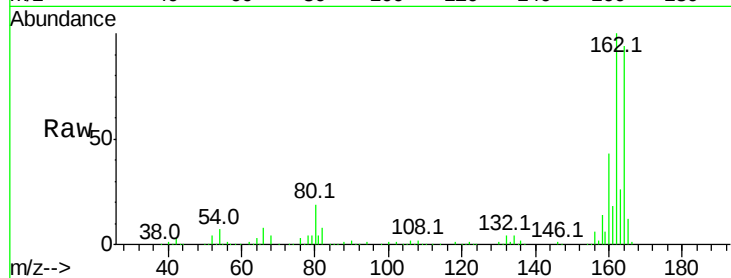




#56
 2,4-Dinitrotoluene
 Concen: 6.207 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

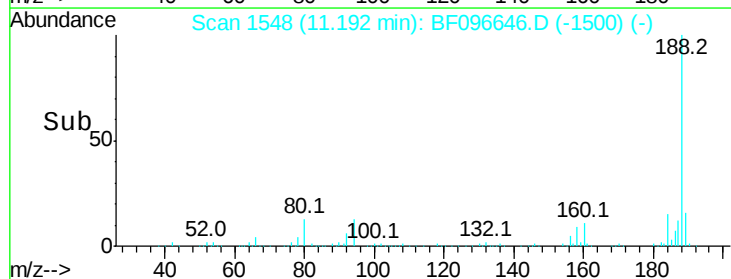
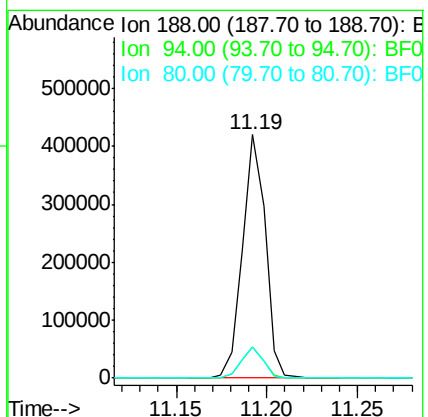
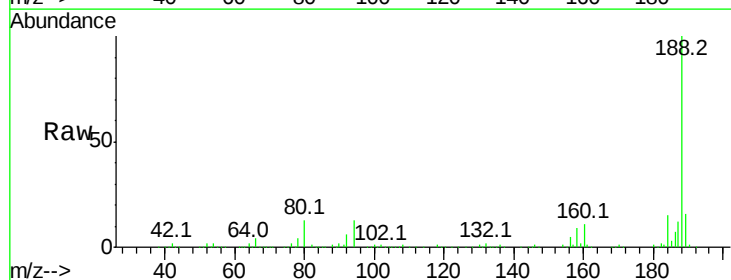
Instrument :
 BNA_F
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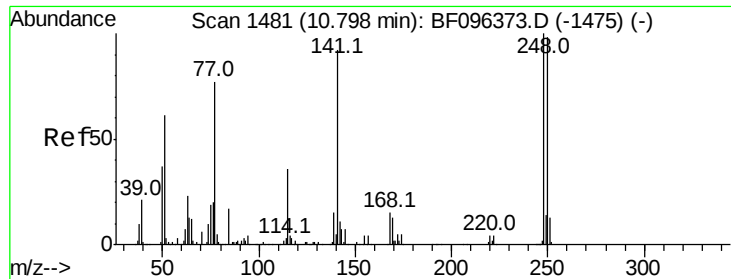
Tot Ion:165	Resp:	27165
Ion Ratio	Lower	Upper
165	100	
63	1.5	25.4 38.0#
89	0.0	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

Tgt Ion:188	Resp:	369386
Ion Ratio	Lower	Upper
188	100	
94	12.7	9.4 14.2
80	13.0	10.2 15.2

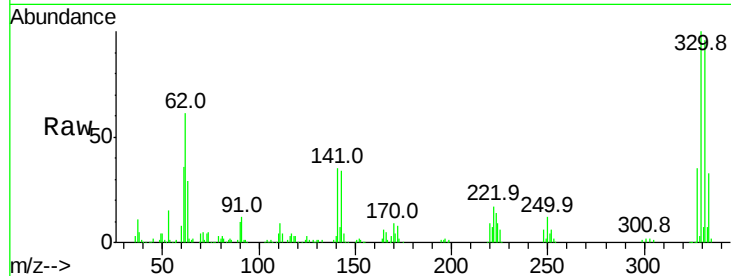




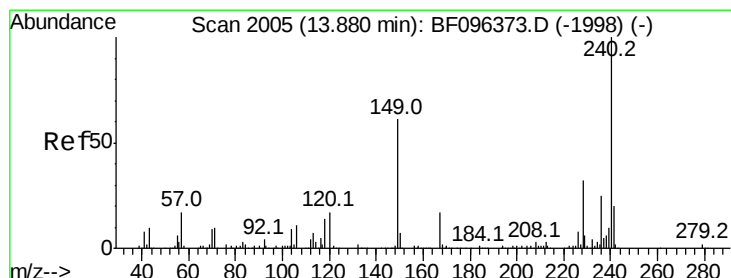
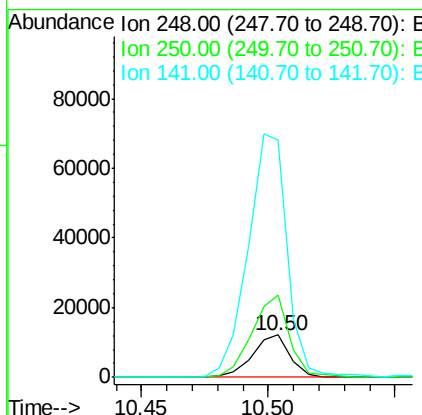
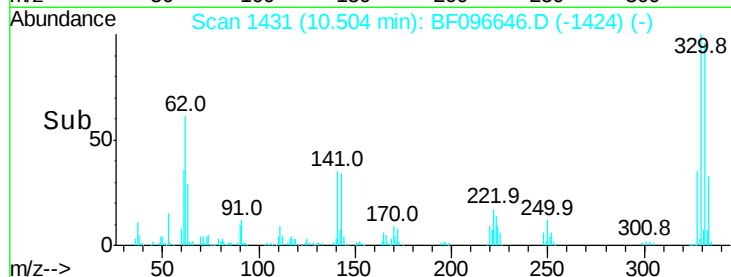
#66
 4-Bromophenyl-phenylether
 Concen: 3.423 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.26 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

Tot Ion:248 Resp: 12310
 Ion Ratio Lower Upper
 248 100
 250 195.4 76.8 115.2#
 141 559.8 68.6 103.0#

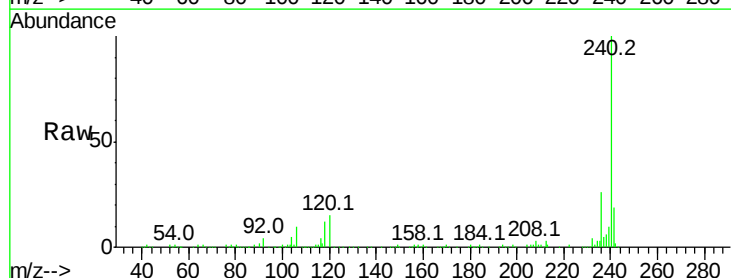


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

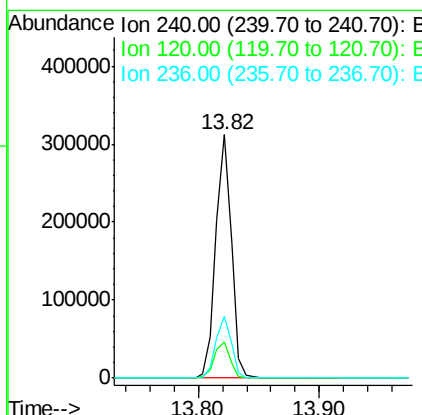
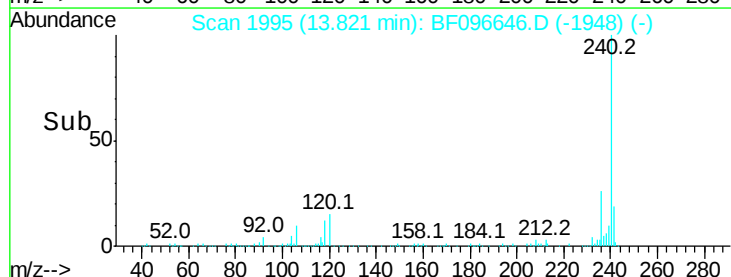


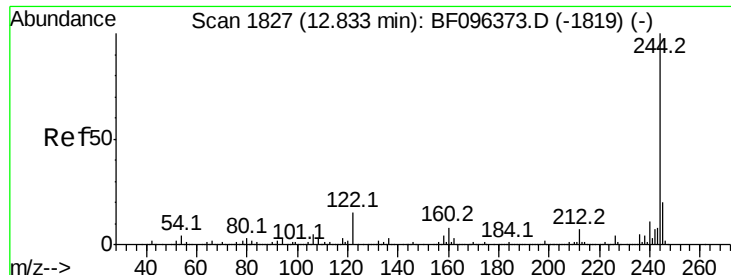
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

Tgt Ion:240 Resp: 275546
 Ion Ratio Lower Upper
 240 100
 120 14.7 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: 60.734 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096646.D

Acq: 11 Jul 2017 16:05

Instrument :

BNA_F

ClientSampleId :

TP-12-COMP

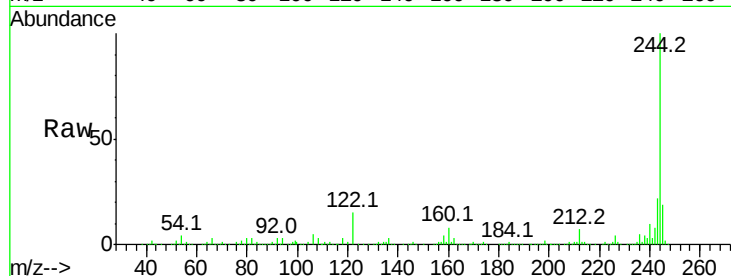
Tot Ion:244 Resp: 783172

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

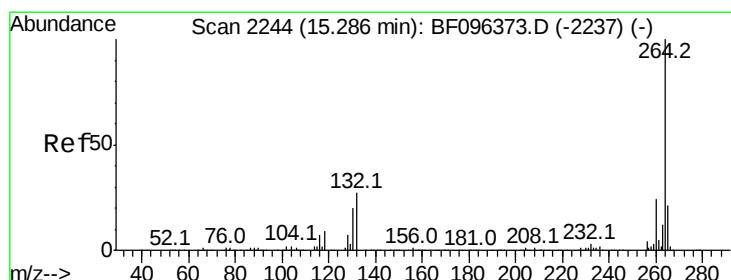
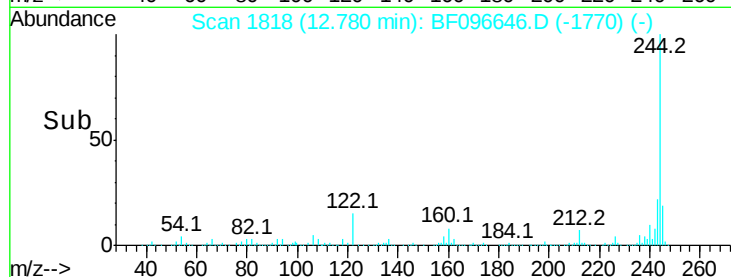
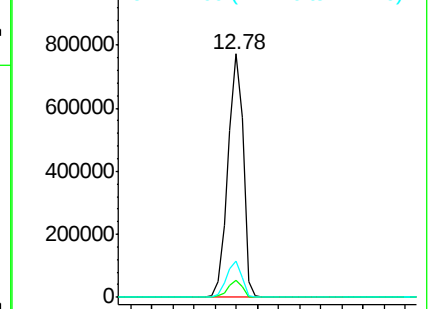
122 14.9 10.3 15.5



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: BF096646.D

Acq: 11 Jul 2017 16:05

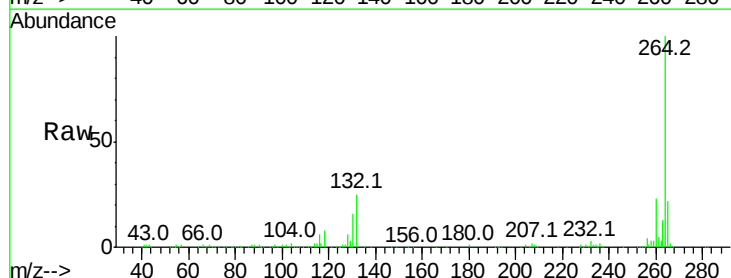
Tgt Ion:264 Resp: 204926

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.6 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

