

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101568.D
 Acq On : 20 Dec 2017 15:29
 Operator : SJ/JU
 Sample : I6676-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817

Quant Time: Dec 20 16:04:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

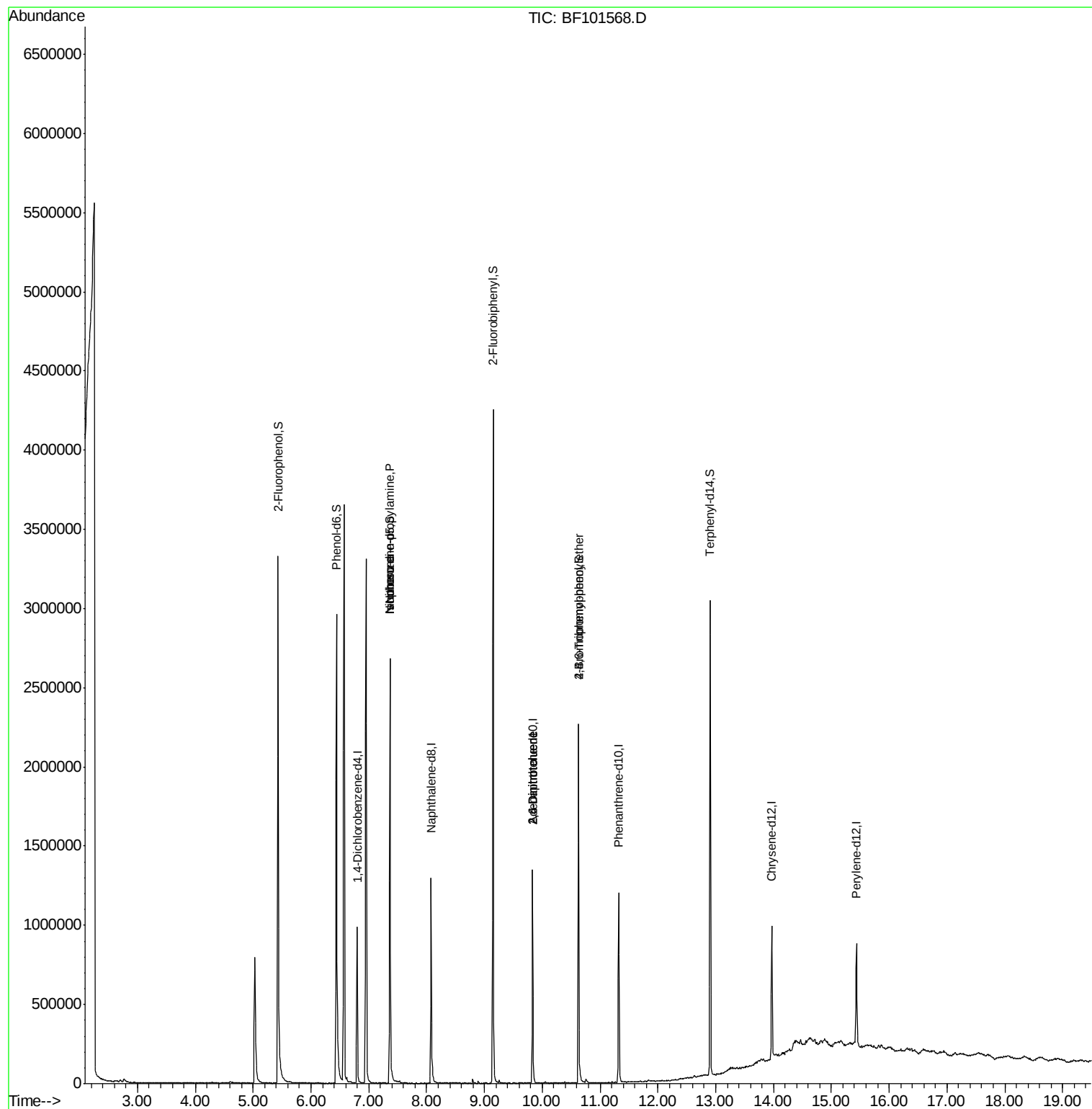
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	159122	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	627503	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	259739	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	424091	20.00	ng	0.00
75) Chrysene-d12	13.97	240	304473	20.00	ng	0.00
86) Perylene-d12	15.43	264	334079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1150334	107.69	ng	0.02
7) Phenol-d6	6.44	99	1288777	96.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	981579	87.08	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	295714	118.15	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1487632	88.85	ng	0.00
78) Terphenyl-d14	12.90	244	1119491	88.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	132517	15.178	ng	# 81
25) Isophorone	7.37	82	981579	43.406	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	33308	7.844	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	33308	6.962	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	18865	3.959	ng	# 1

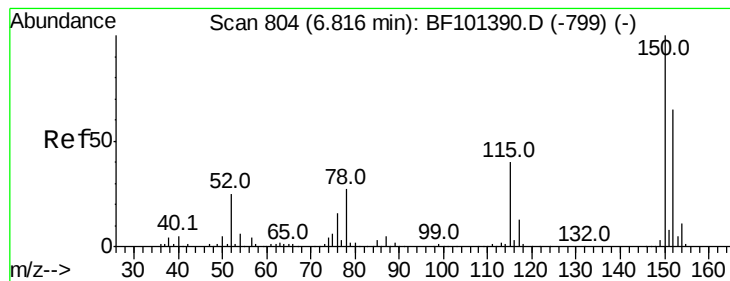
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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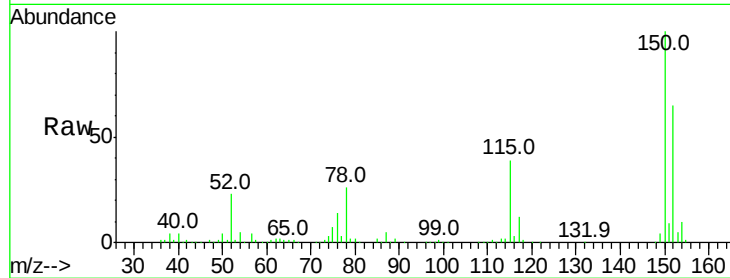


#1

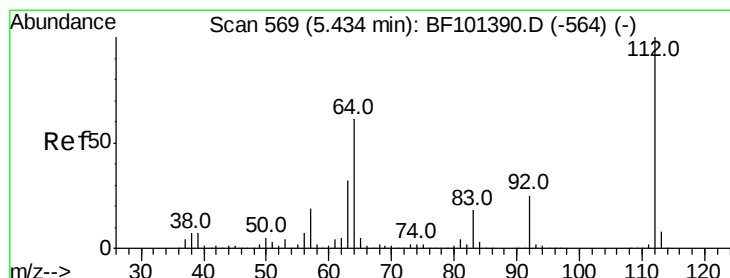
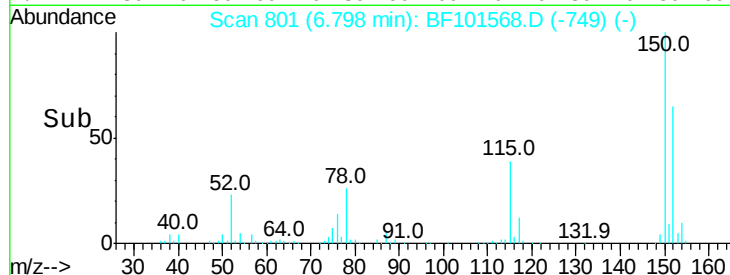
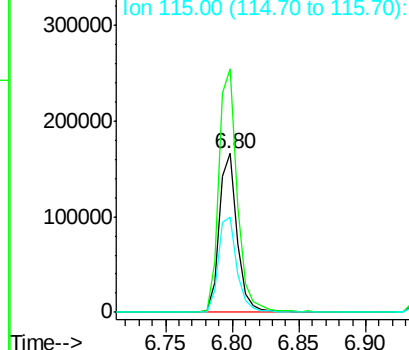
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF101568.D
 Acq: 20 Dec 2017 15:29

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817

Tot Ion:152 Resp: 159122
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.6 186.8
 115 60.0 50.1 75.1



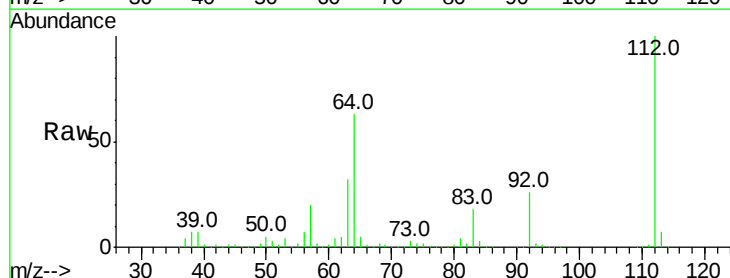
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



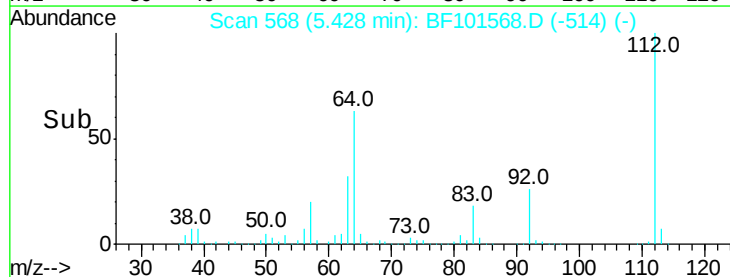
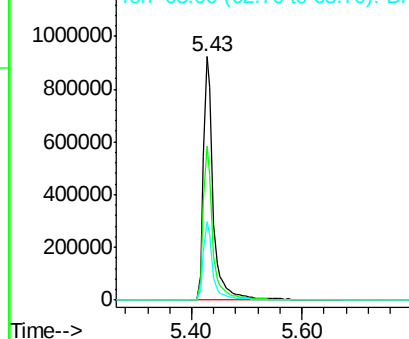
#5

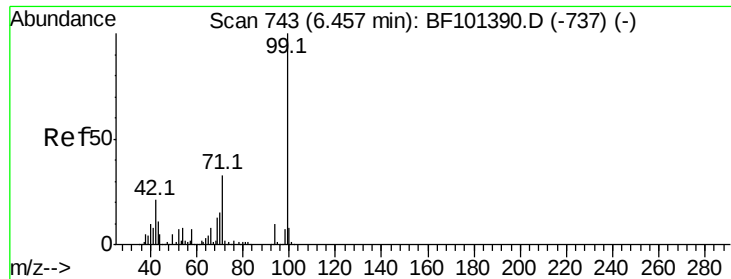
2-Fluorophenol
 Concen: 107.685 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF101568.D
 Acq: 20 Dec 2017 15:29

Tgt Ion:112 Resp: 1150334
 Ion Ratio Lower Upper
 112 100
 64 63.1 47.9 71.9
 63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 96.940 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101568.D

Acq: 20 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

OK-01-121817

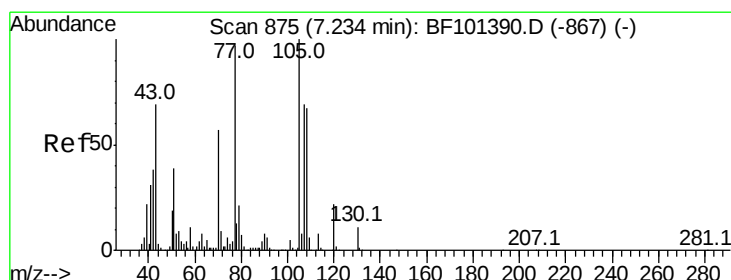
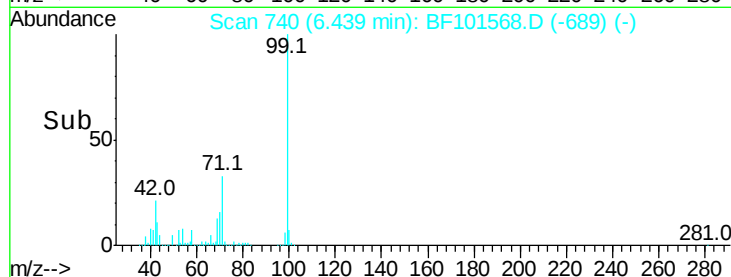
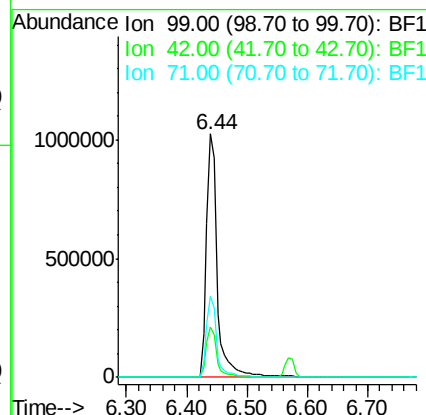
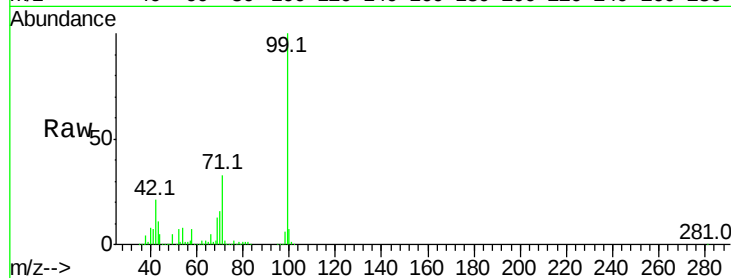
Tot Ion: 99 Resp: 1288777

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

71 33.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.178 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.16 min

Lab File: BF101568.D

Acq: 20 Dec 2017 15:29

Tgt Ion: 70 Resp: 132517

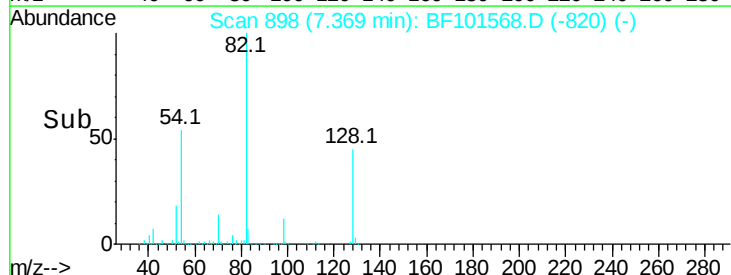
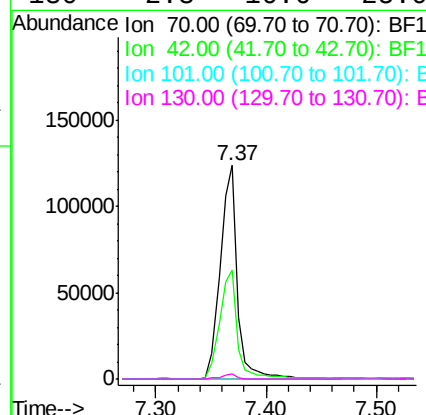
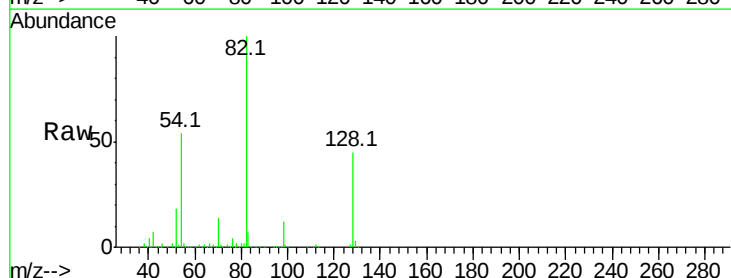
Ion Ratio Lower Upper

70 100

42 51.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

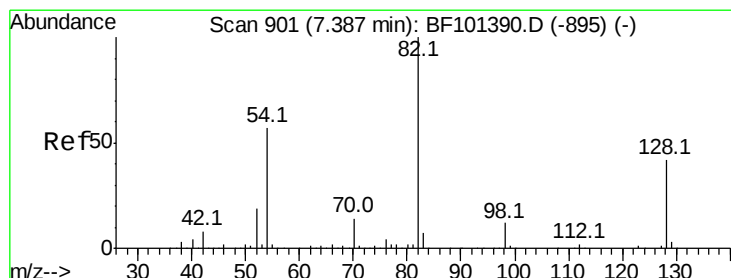
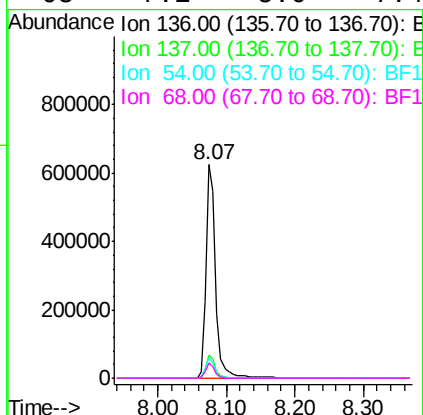
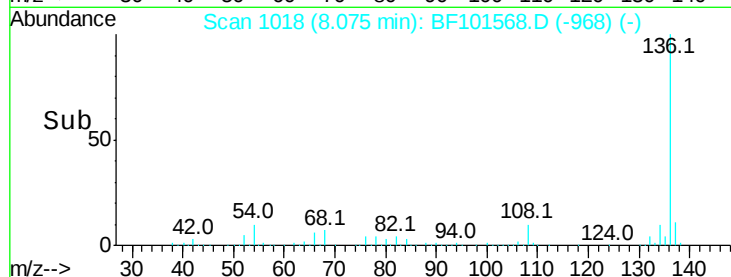
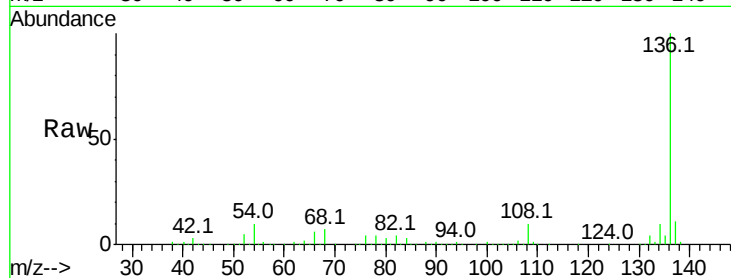




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101568.D
Acq: 20 Dec 2017 15:29

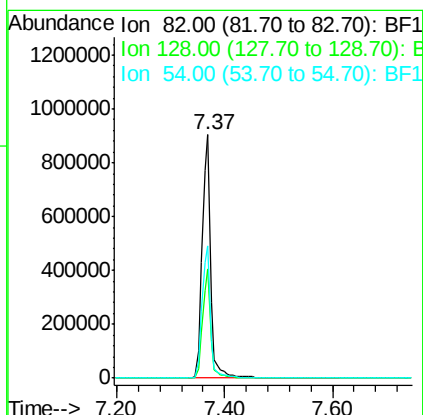
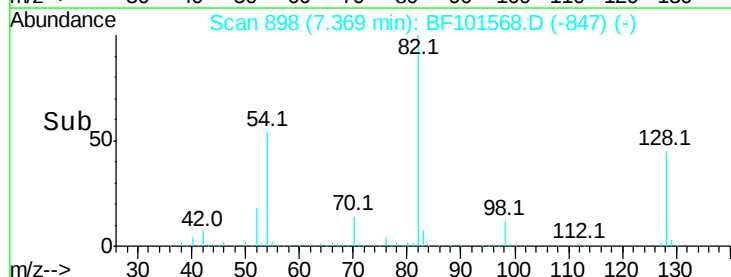
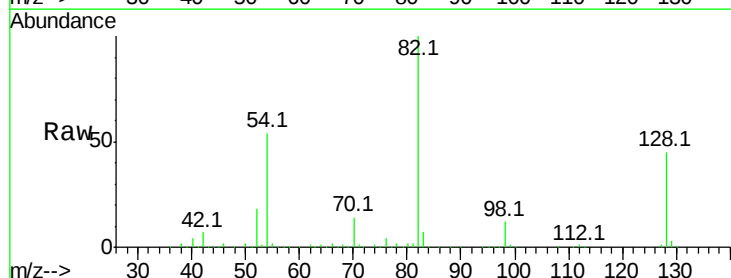
Instrument :
BNA_F
ClientSampleId :
OK-01-121817

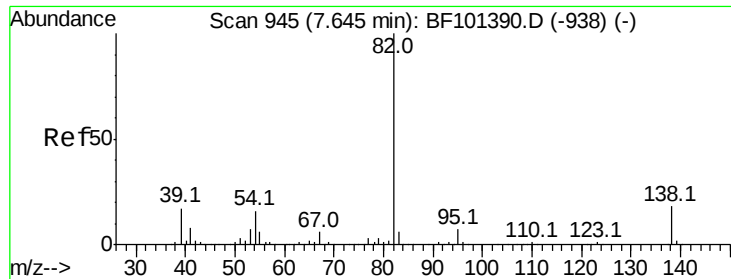
Tot Ion:	136	Resp:	627503
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.5	6.6	9.8
68	7.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 87.076 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101568.D
Acq: 20 Dec 2017 15:29

Tgt Ion:	82	Resp:	981579
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	54.3	41.4	62.2





#25

Isophorone

Concen: 43.406 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.25 min

Lab File: BF101568.D

Acq: 20 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

OK-01-121817

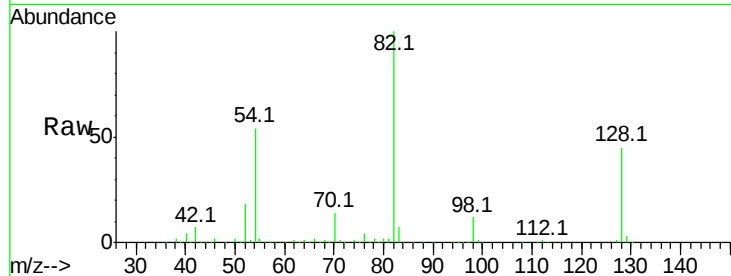
Tot Ion: 82 Resp: 981579

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

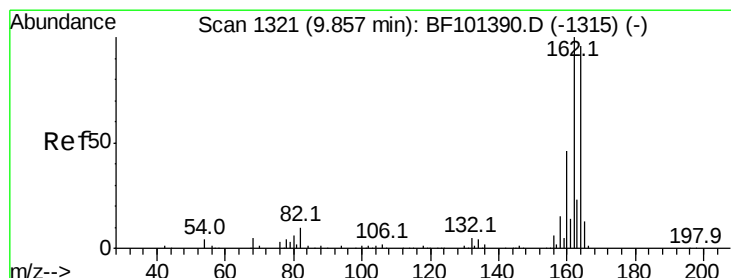
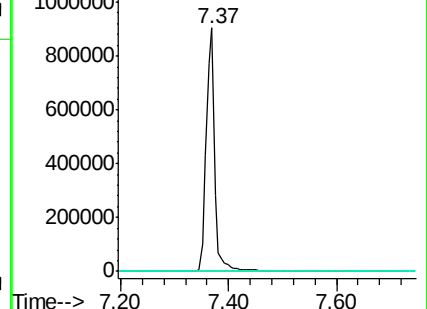
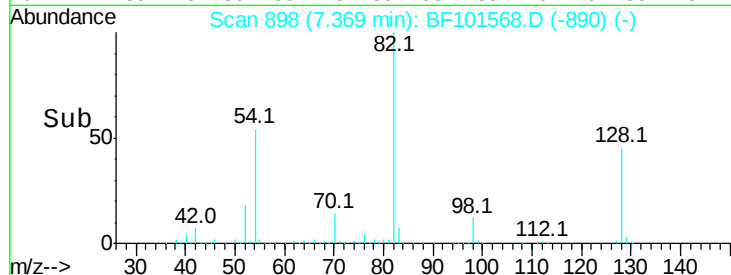
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF101568.D

Acq: 20 Dec 2017 15:29

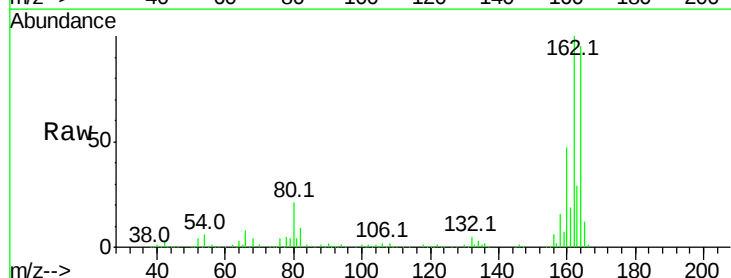
Tgt Ion:164 Resp: 259739

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

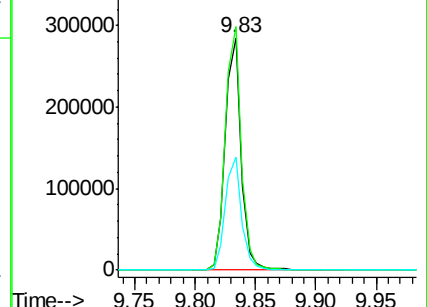
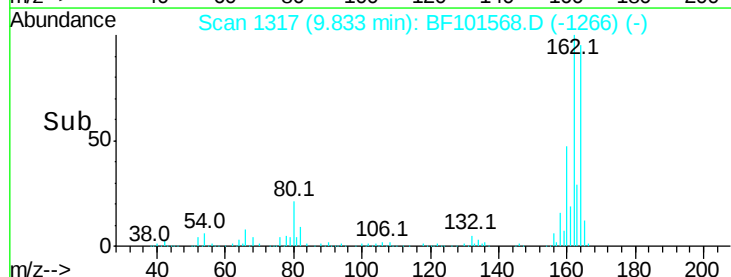
160 48.8 38.3 57.5

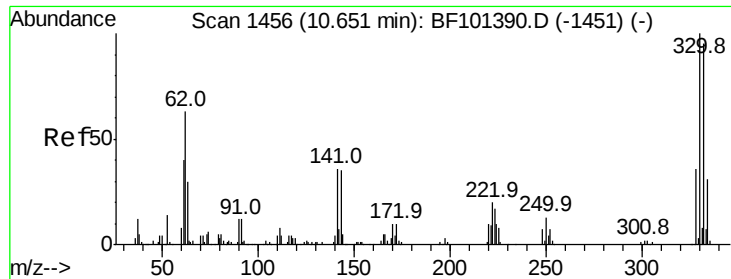


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

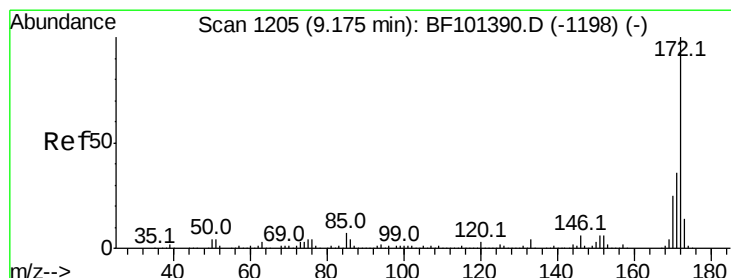
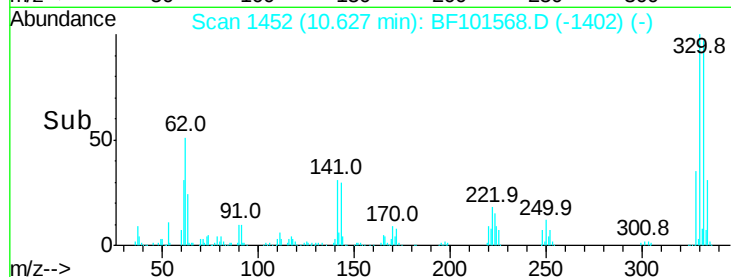
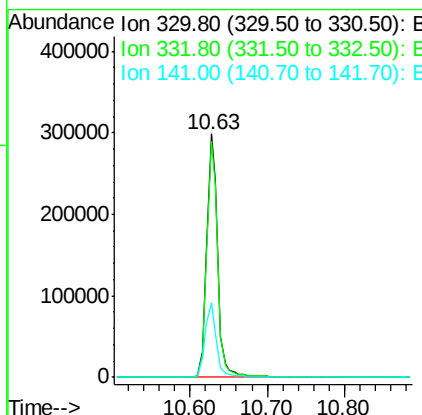
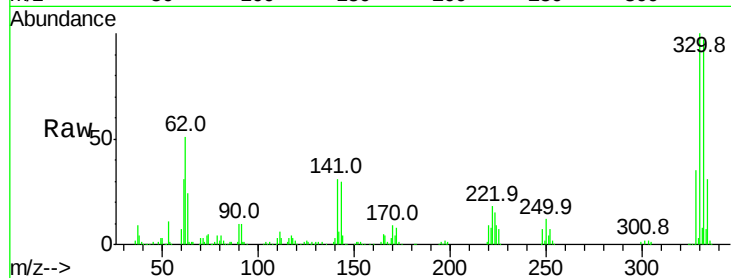




#41
 2,4,6-Tribromophenol
 Concen: 118.154 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101568.D
 Acq: 20 Dec 2017 15:29

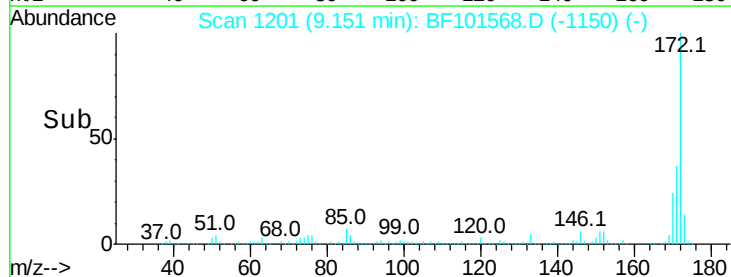
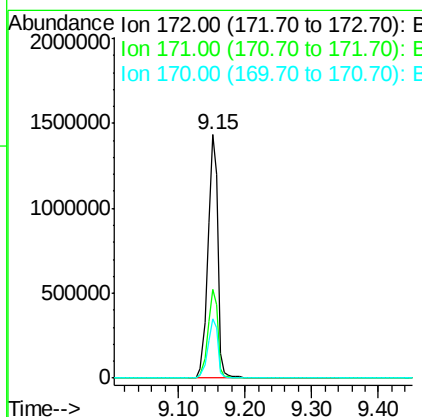
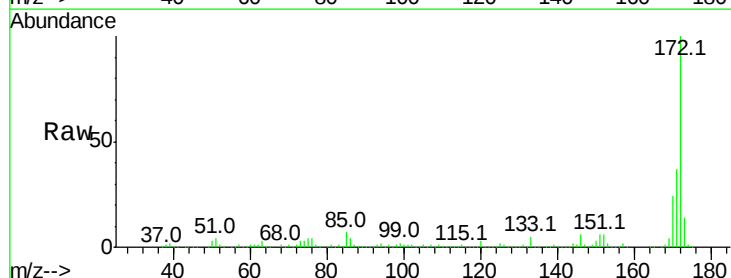
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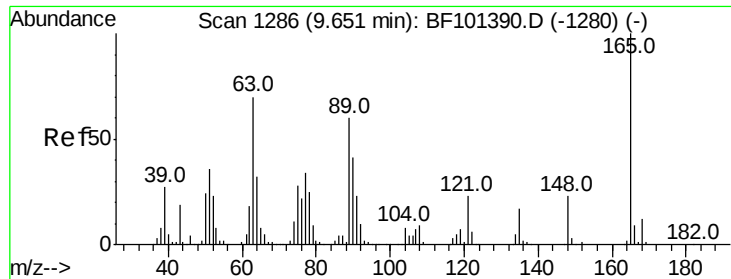
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 88.846 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101568.D
 Acq: 20 Dec 2017 15:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4

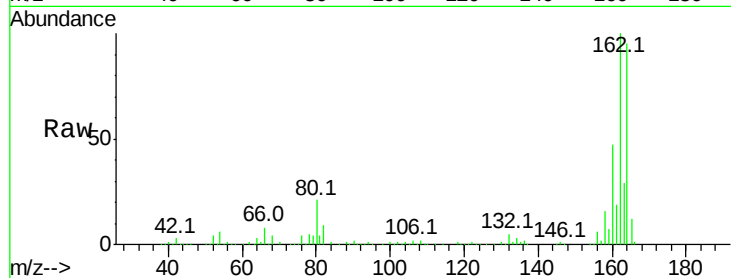




#50
 2,6-Dinitrotoluene
 Concen: 7.844 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF101568.D
 Acq: 20 Dec 2017 15:29

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817

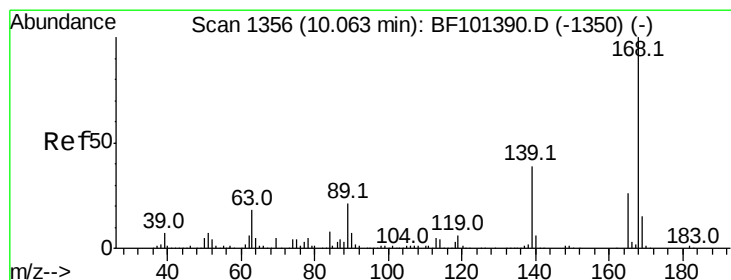
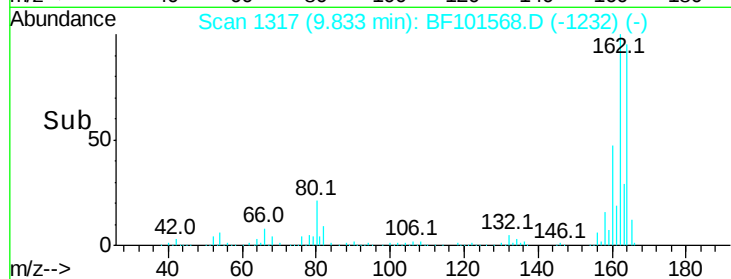
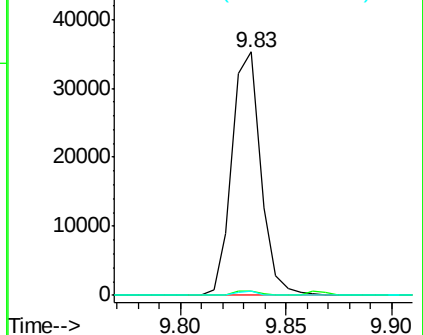
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.8	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

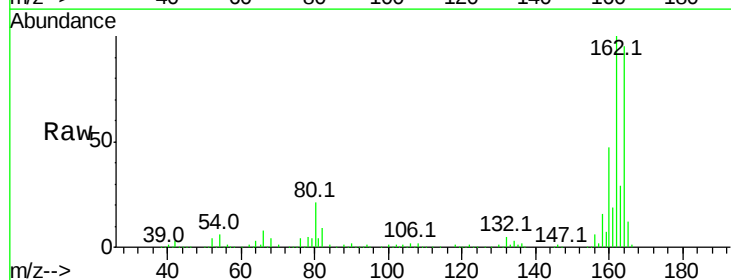
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.962 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF101568.D
 Acq: 20 Dec 2017 15:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

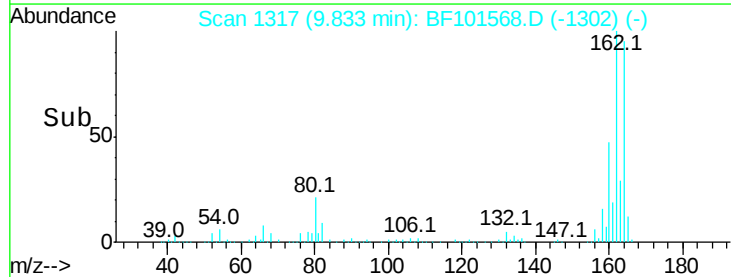
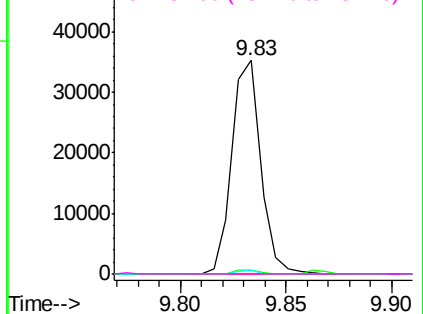


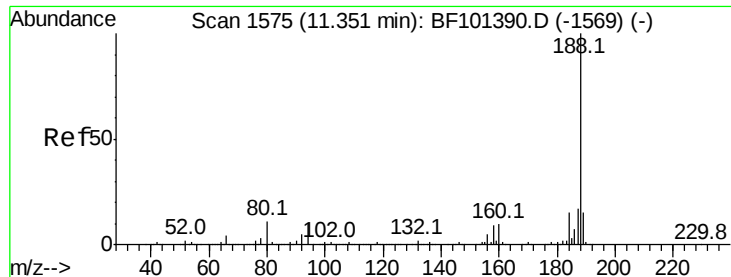
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

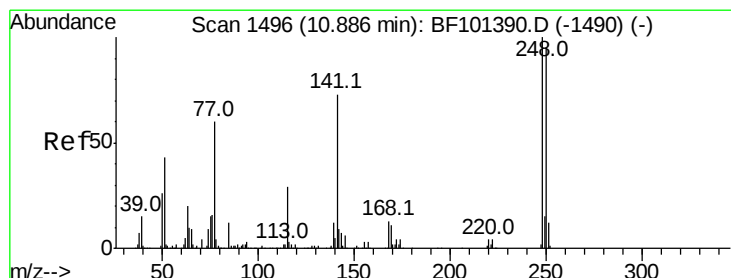
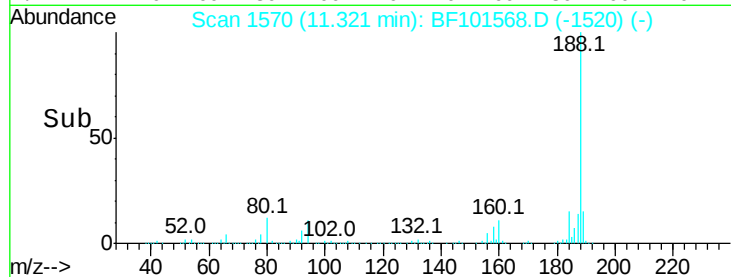
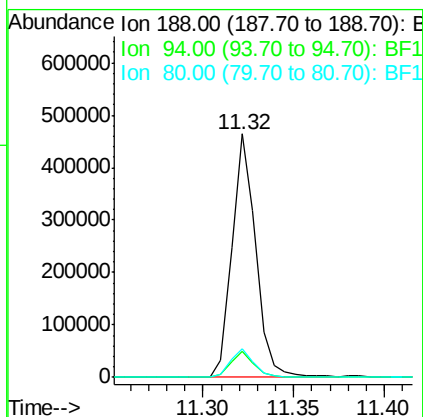
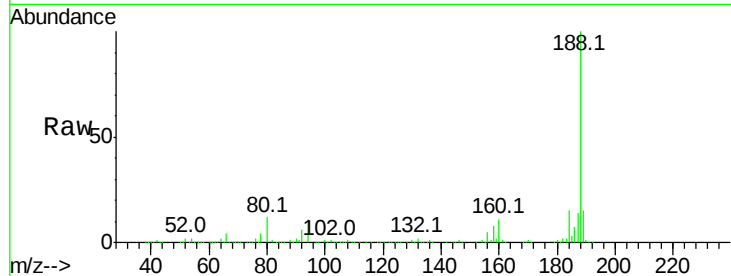




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101568.D
Acq: 20 Dec 2017 15:29

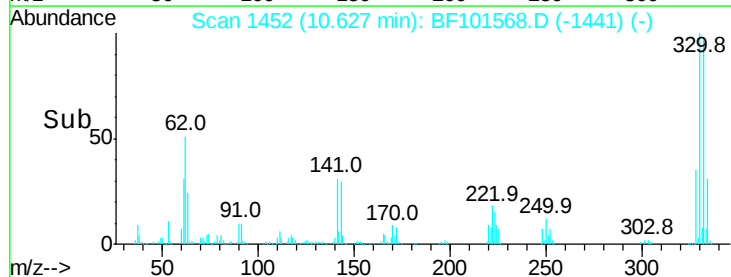
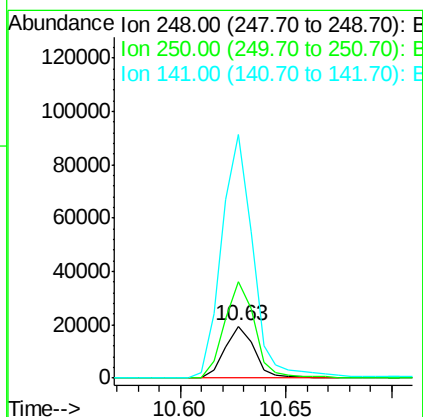
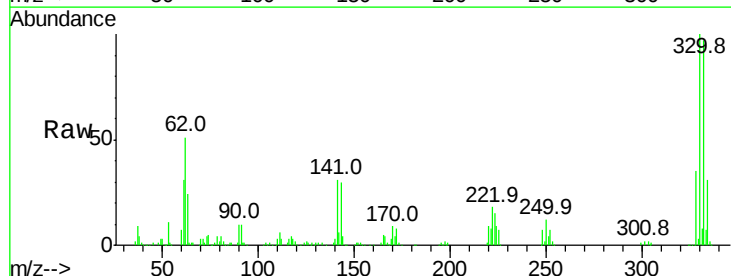
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OK-01-121817

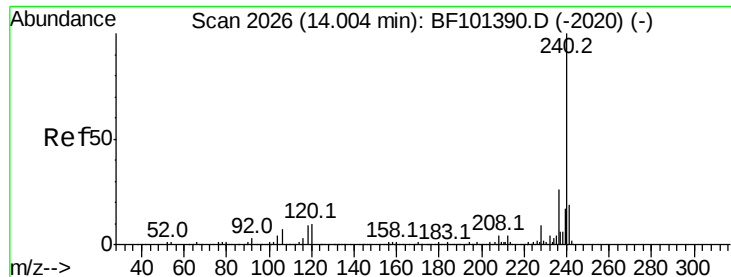
Tot Ion:188 Resp: 424091
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.959 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101568.D
Acq: 20 Dec 2017 15:29

Tgt Ion:248 Resp: 18865
Ion Ratio Lower Upper
248 100
250 185.3 76.9 115.3#
141 468.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101568.D

Acq: 20 Dec 2017 15:29

Instrument :

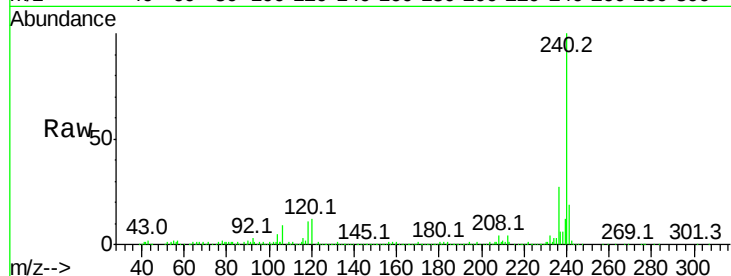
BNA_F

ClientSampleId :

OK-01-121817

Tot Ion:240 Resp: 304473

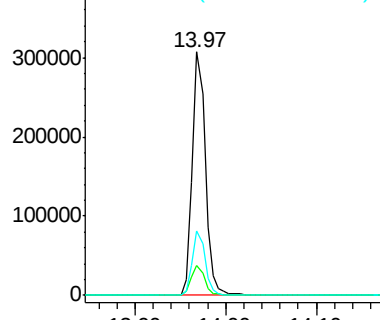
Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.6	20.7	31.1



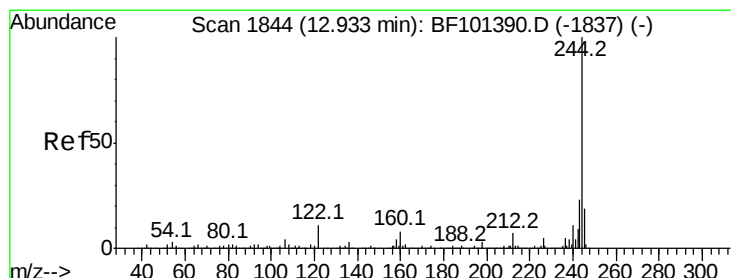
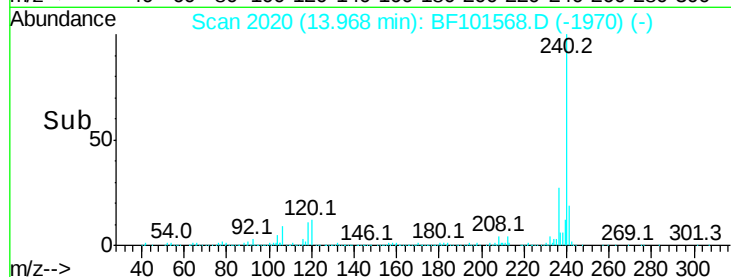
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10



#78

Terphenyl-d14

Concen: 88.640 ng

RT: 12.90 min Scan# 1839

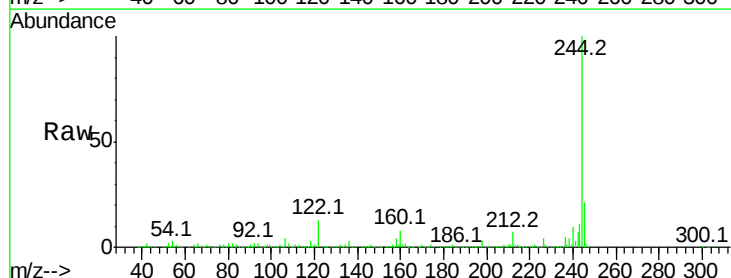
Delta R.T. -0.01 min

Lab File: BF101568.D

Acq: 20 Dec 2017 15:29

Tgt Ion:244 Resp: 1119491

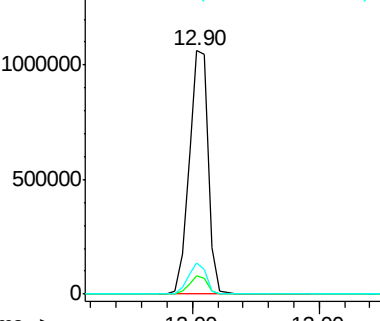
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	12.6	11.0	16.4



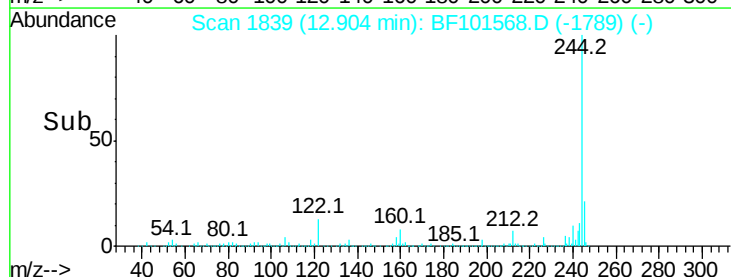
Abundance Ion 244.00 (243.70 to 244.70): E

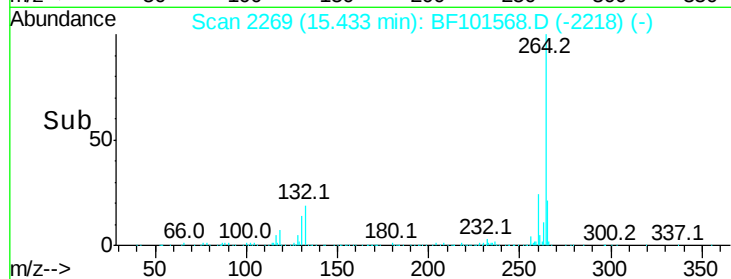
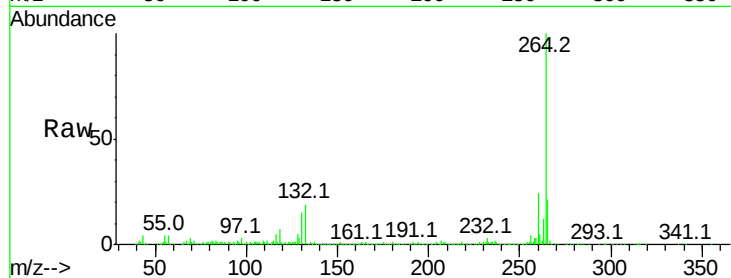
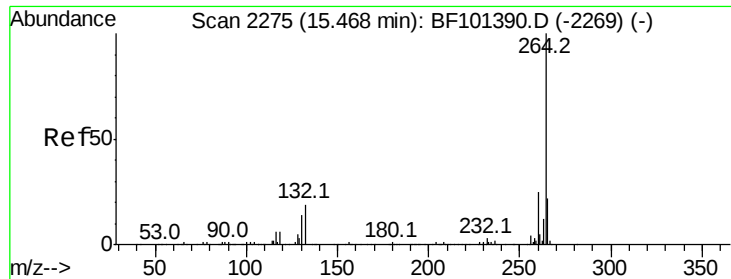
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.90 13.00





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF101568.D

Acq: 20 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

OK-01-121817

Tot Ion:264 Resp: 334079

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 17.5 26.3

