

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101556.D
 Acq On : 20 Dec 2017 7:38
 Operator : SJ/JU
 Sample : I6956-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 08:42:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

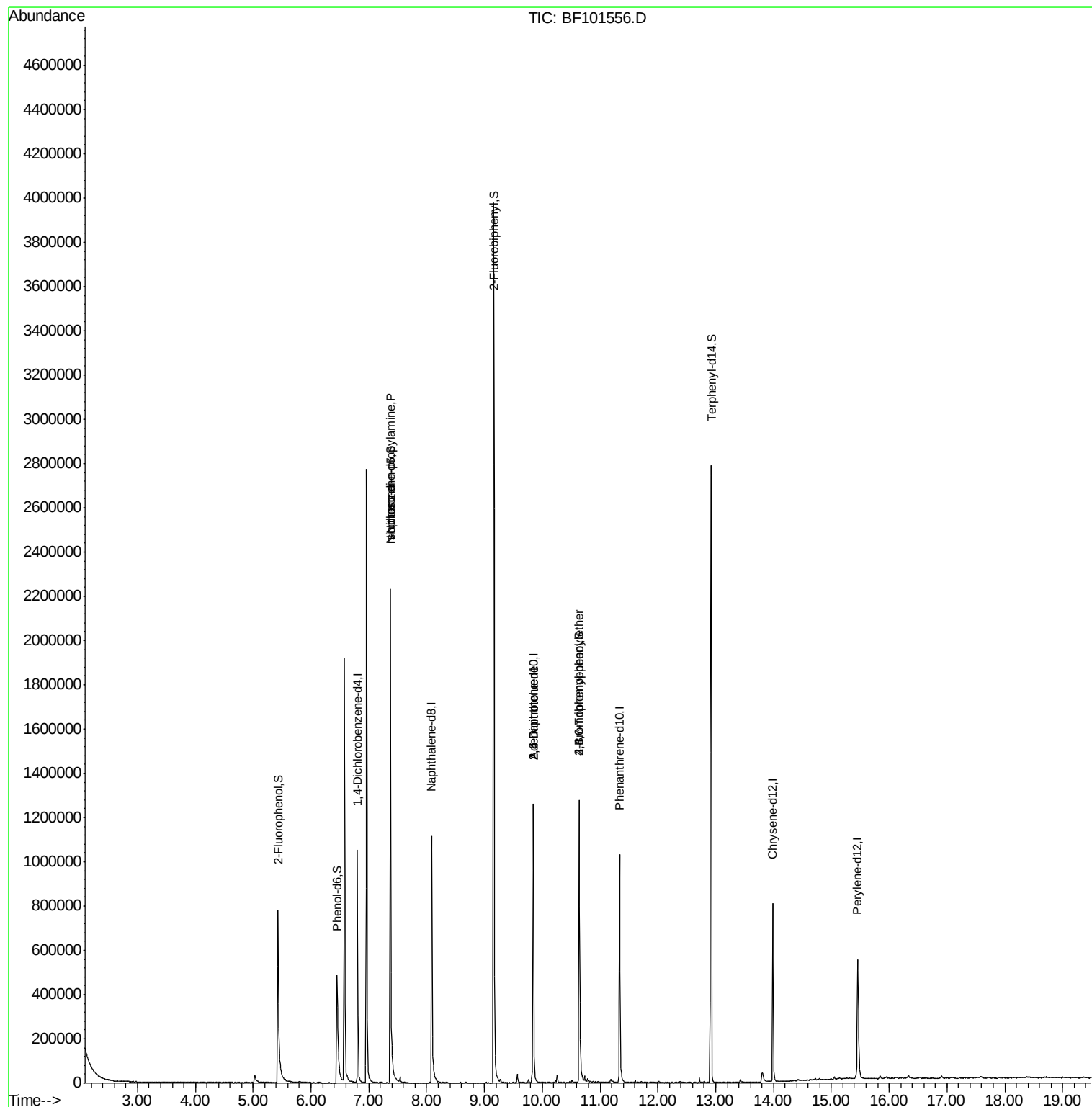
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162452	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	656597	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	282626	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	472038	20.00	ng	0.00
75) Chrysene-d12	13.99	240	312744	20.00	ng	0.00
86) Perylene-d12	15.46	264	336031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	355576	32.60	ng	0.00
7) Phenol-d6	6.45	99	266710	19.65	ng	0.00
23) Nitrobenzene-d5	7.37	82	861710	73.06	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	189496	69.58	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1404636	77.10	ng	0.00
78) Terphenyl-d14	12.92	244	1054058	81.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	113762	12.763	ng	# 81
25) Isophorone	7.37	82	861710	36.417	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	34931	7.560	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	34931	6.710	ng	# 23
66) 4-Bromophenyl-phenylether	10.64	248	11939	2.251	ng	# 1

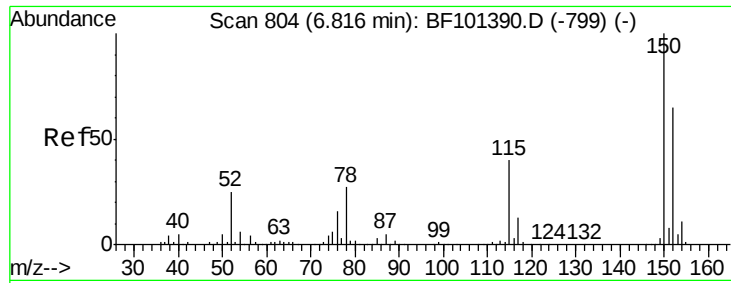
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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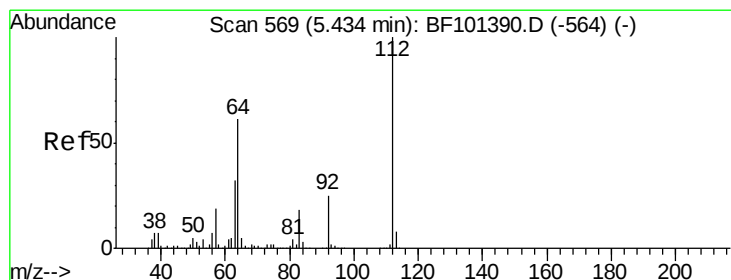
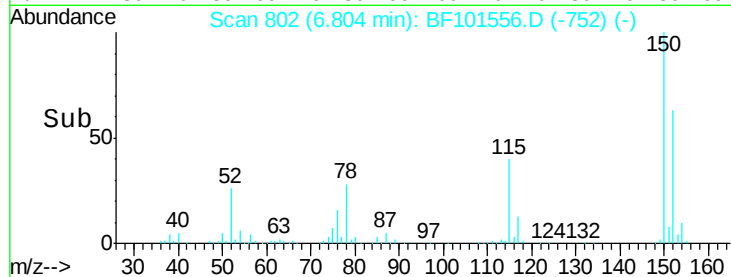
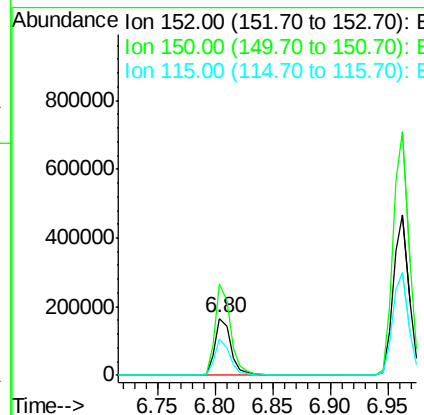
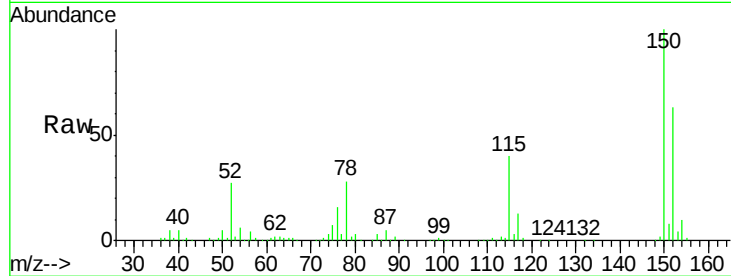


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101556.D
Acq: 20 Dec 2017 7:38

Instrument :
BNA_F
ClientSampled :

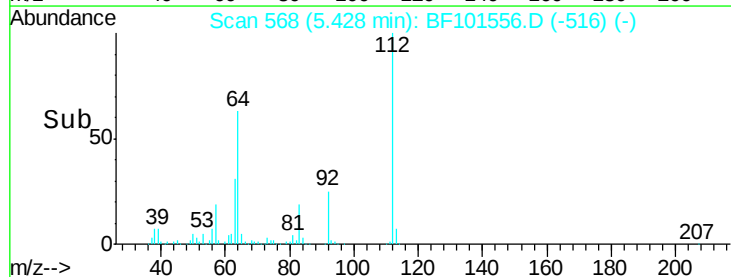
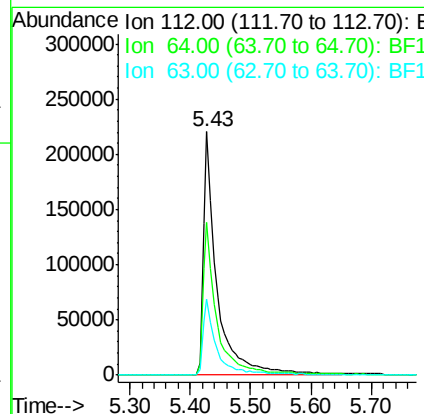
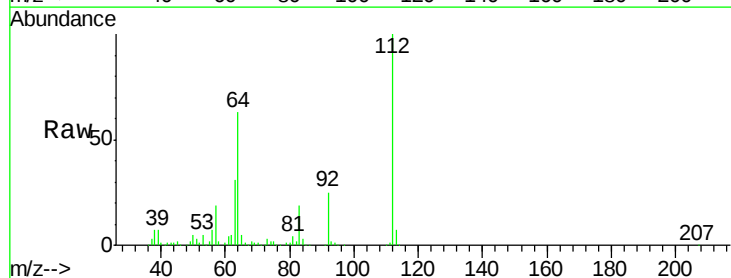
Tot Ion:152 Resp: 162452
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 63.5 50.1 75.1

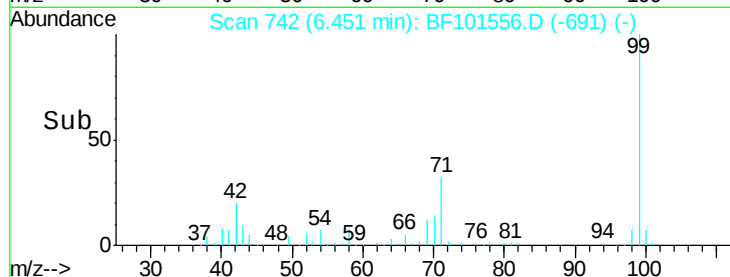
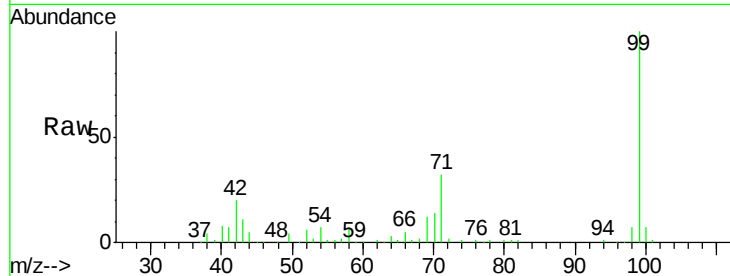
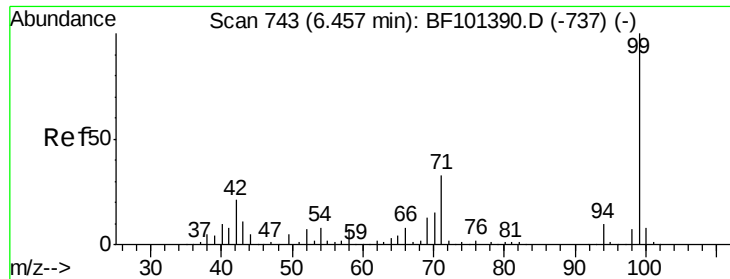


#5

2-Fluorophenol
Concen: 32.604 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101556.D
Acq: 20 Dec 2017 7:38

Tgt Ion:112 Resp: 355576
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 19.650 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101556.D

Acq: 20 Dec 2017 7:38

Instrument :

BNA_F

ClientSampleId :

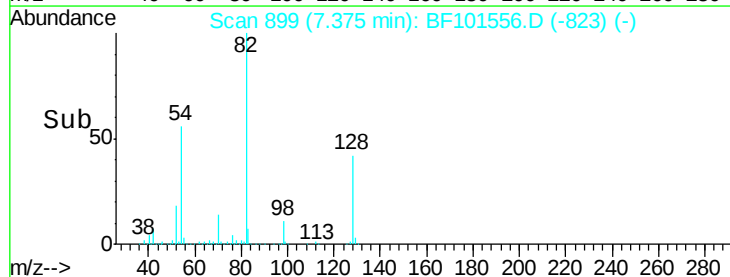
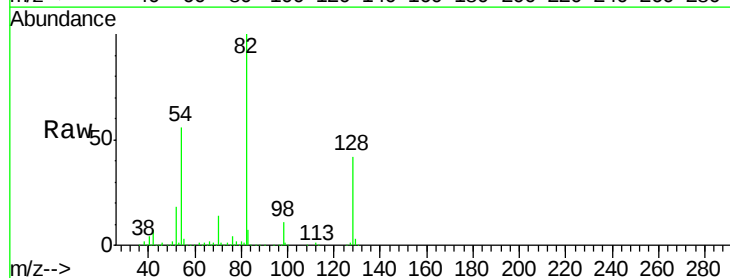
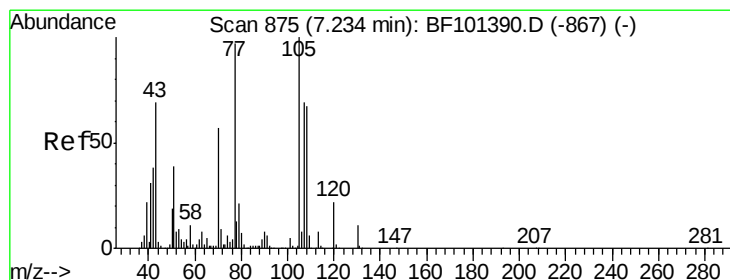
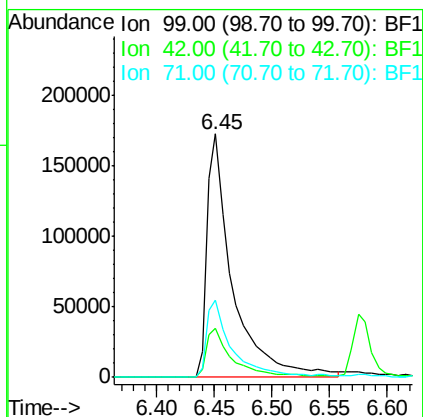
Tot Ion: 99 Resp: 266710

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 31.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.763 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF101556.D

Acq: 20 Dec 2017 7:38

Tgt Ion: 70 Resp: 113762

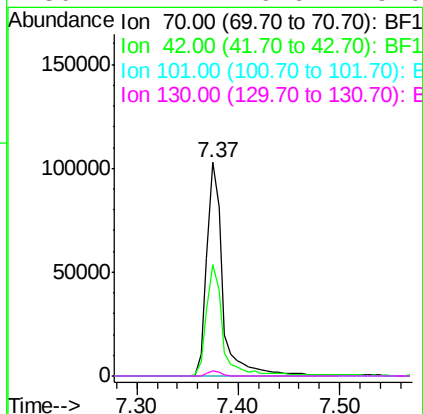
Ion Ratio Lower Upper

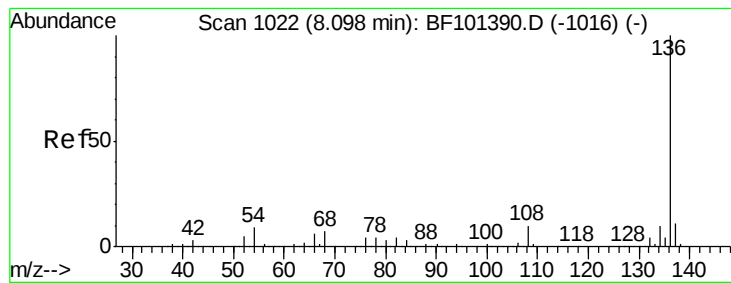
70 100

42 51.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF101556.D

Acq: 20 Dec 2017 7:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 656597

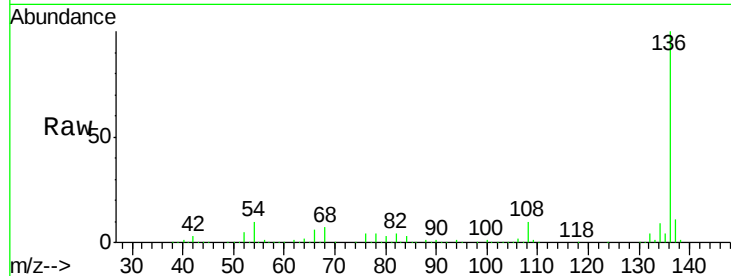
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.1 6.6 9.8#

68 6.9 5.0 7.4

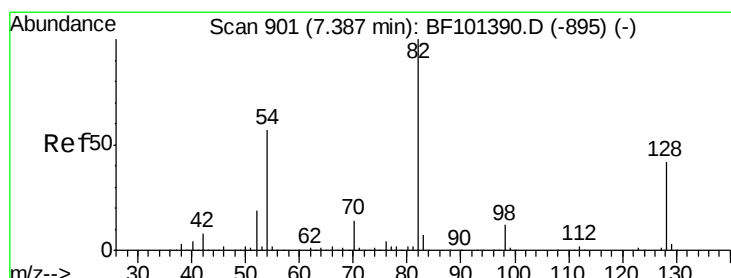
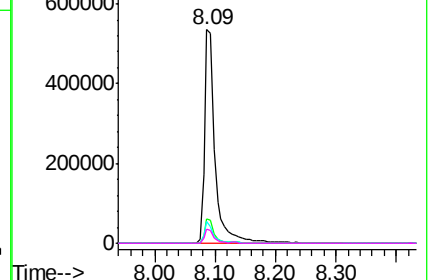
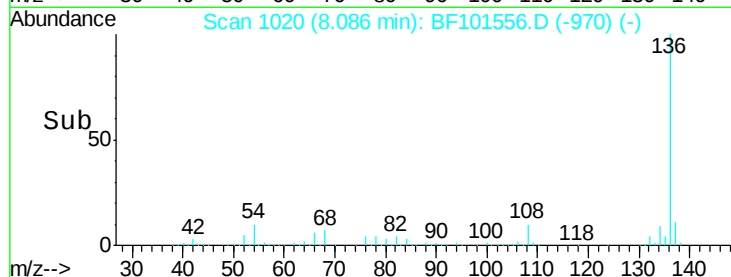


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 73.055 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF101556.D

Acq: 20 Dec 2017 7:38

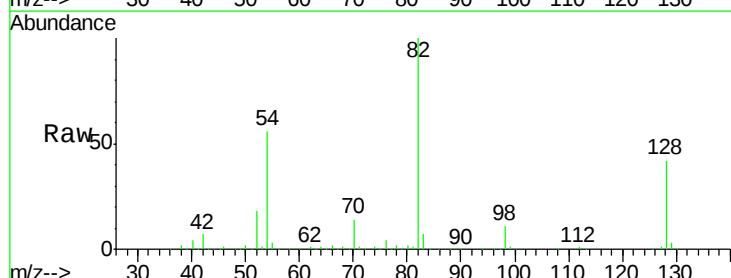
Tgt Ion: 82 Resp: 861710

Ion Ratio Lower Upper

82 100

128 42.2 36.1 54.1

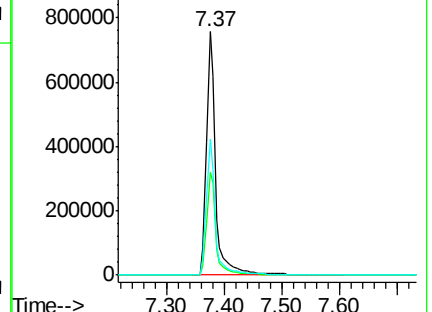
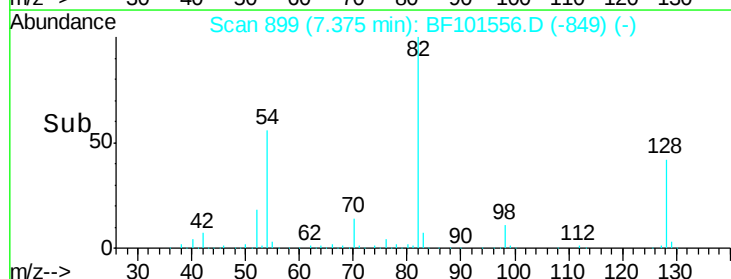
54 55.9 41.4 62.2

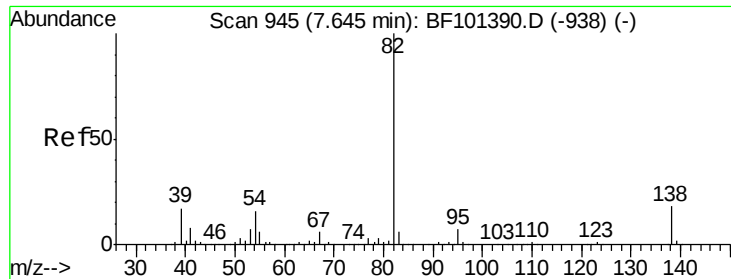


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

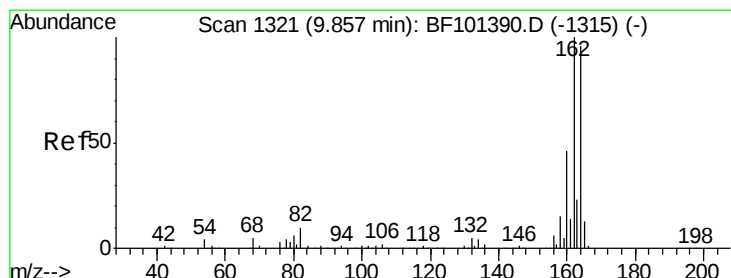
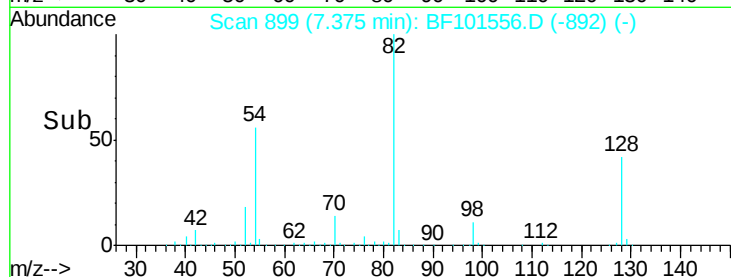
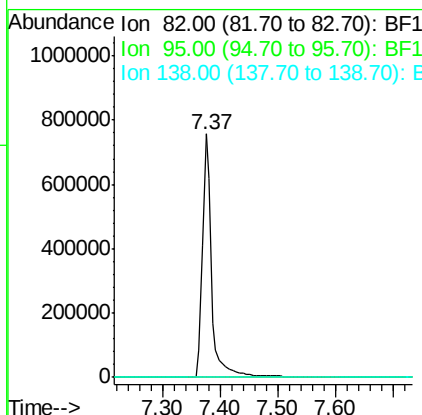
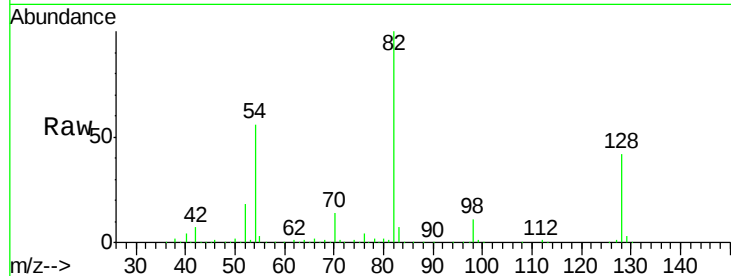




#25
Isophorone
Concen: 36.417 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF101556.D
Acq: 20 Dec 2017 7:38

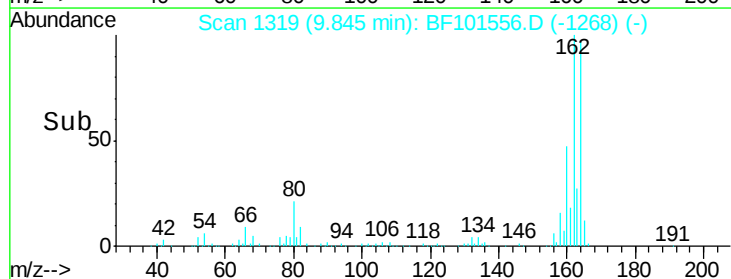
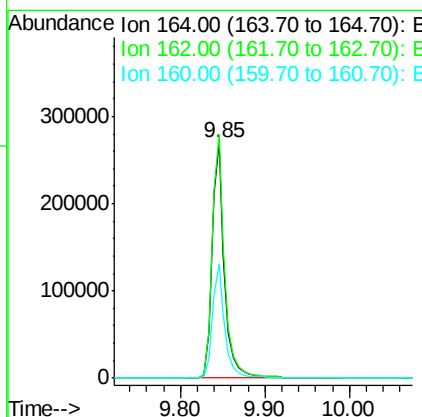
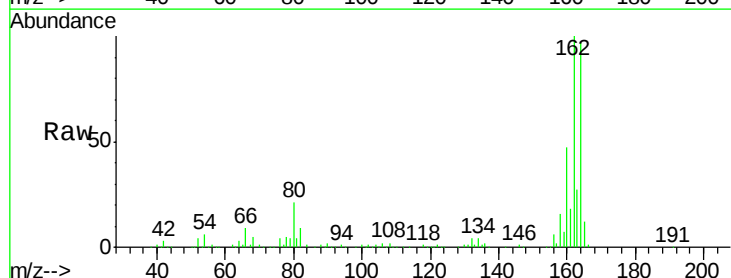
Instrument :
BNA_F
ClientSampled :

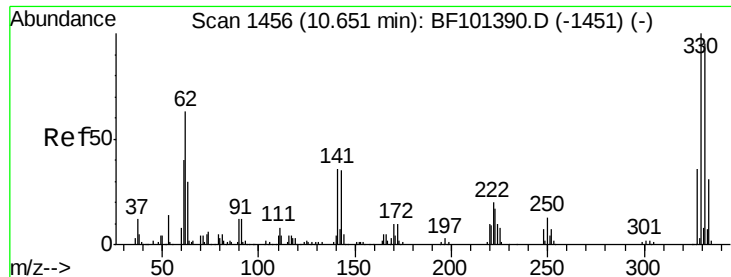
Tot Ion: 82 Resp: 861710
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101556.D
Acq: 20 Dec 2017 7:38

Tgt Ion:164 Resp: 282626
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 48.6 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 69.583 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF101556.D

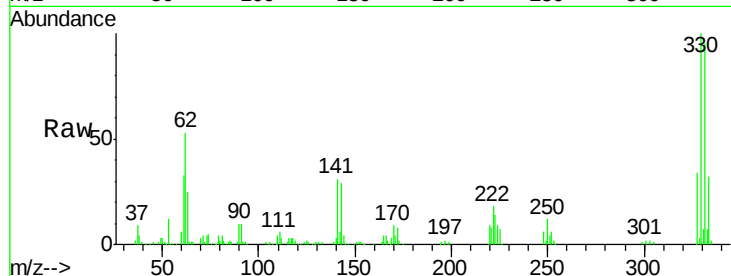
Acq: 20 Dec 2017 7:38

Instrument :

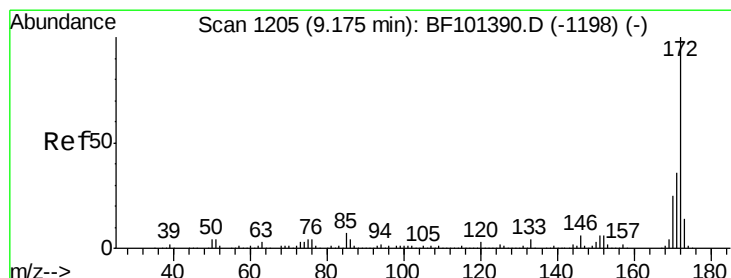
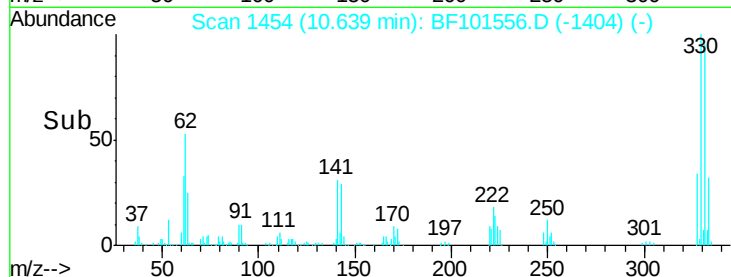
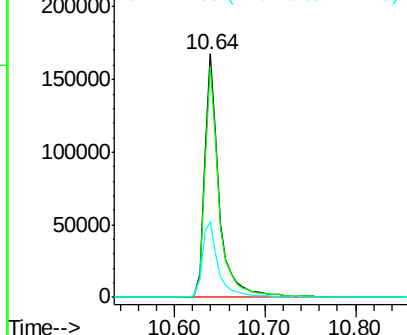
BNA_F

ClientSampled :

Tot Ion:	330	Resp:	189496
Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	34.5	29.9	44.9



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: 77.096 ng

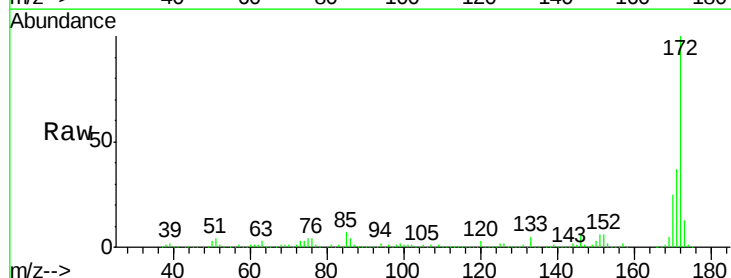
RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

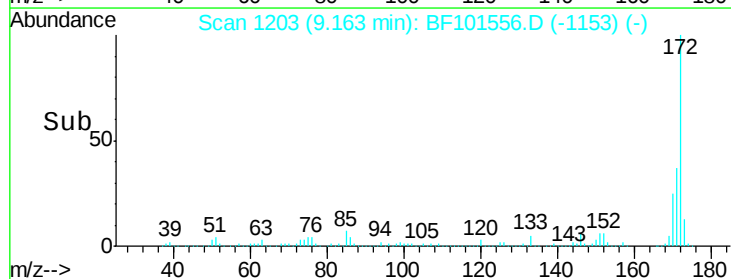
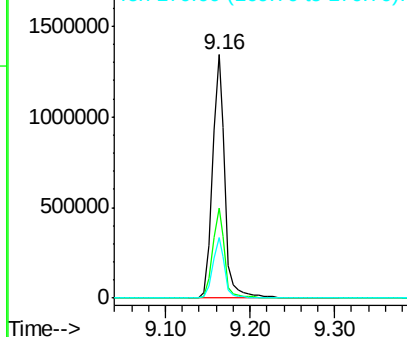
Lab File: BF101556.D

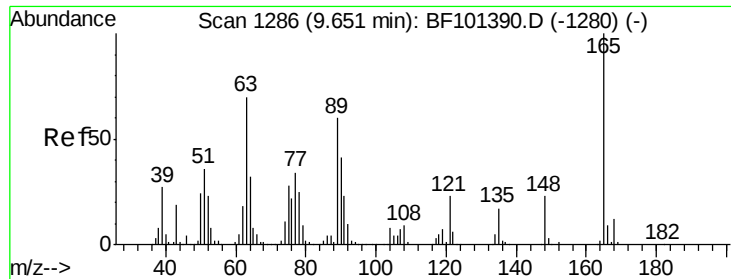
Acq: 20 Dec 2017 7:38

Tgt Ion:	172	Resp:	1404636
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.9	19.6	29.4



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

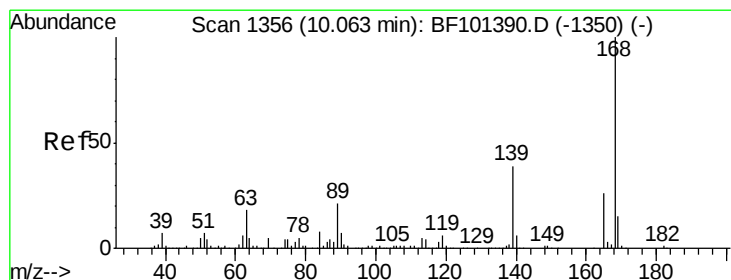
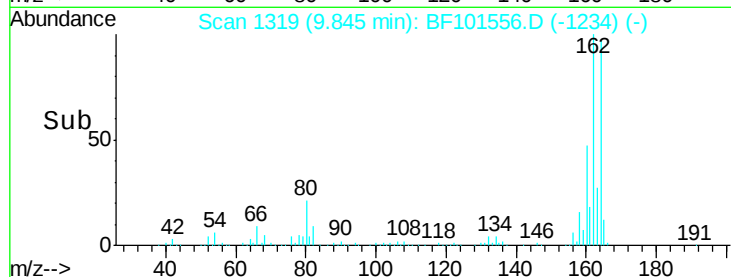
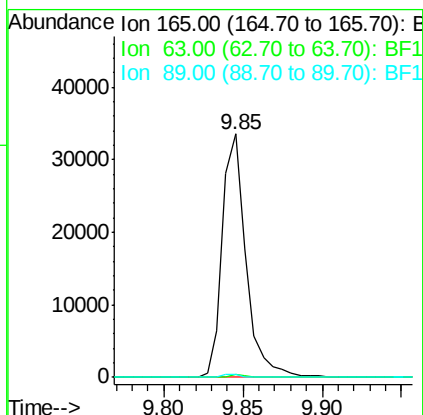
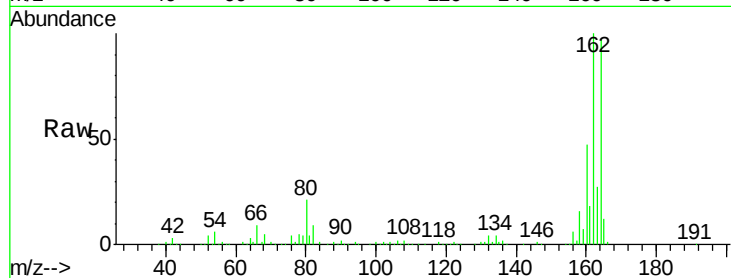




#50
 2,6-Dinitrotoluene
 Concen: 7.560 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF101556.D
 Acq: 20 Dec 2017 7:38

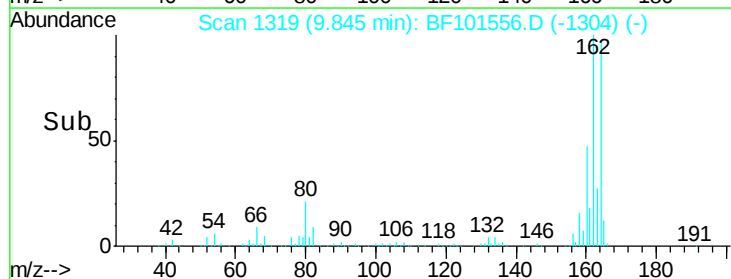
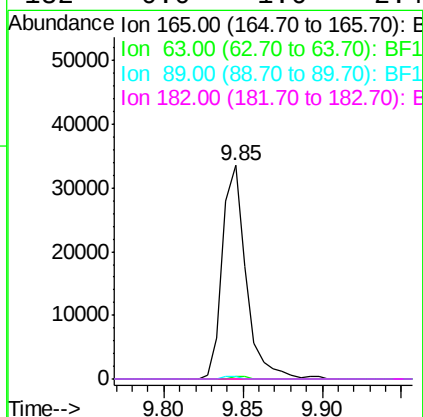
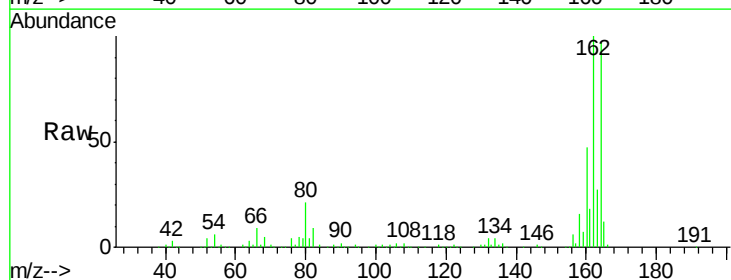
Instrument :
 BNA_F
 ClientSampleId :

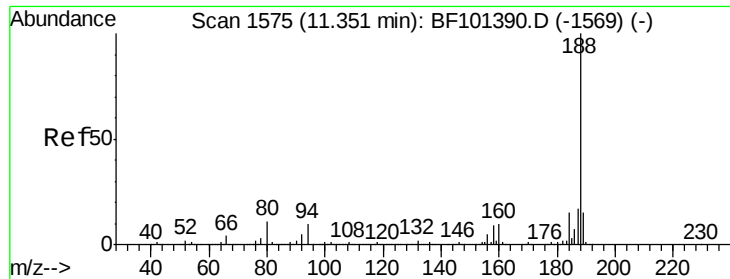
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.710 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101556.D
 Acq: 20 Dec 2017 7:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

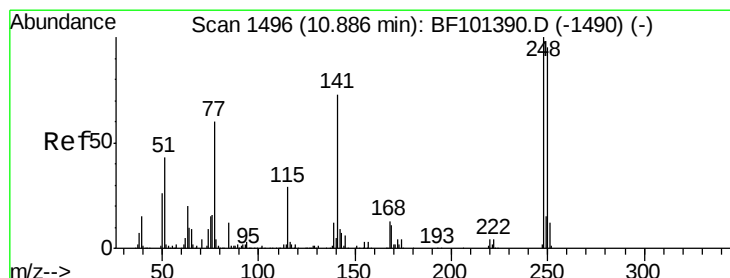
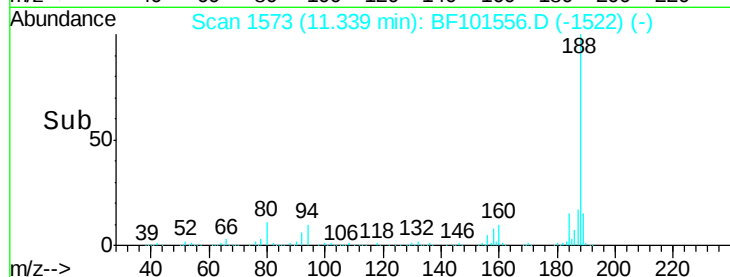
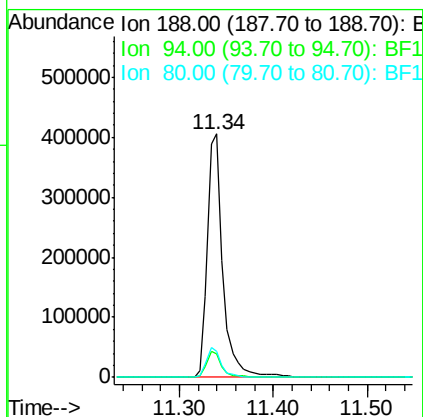
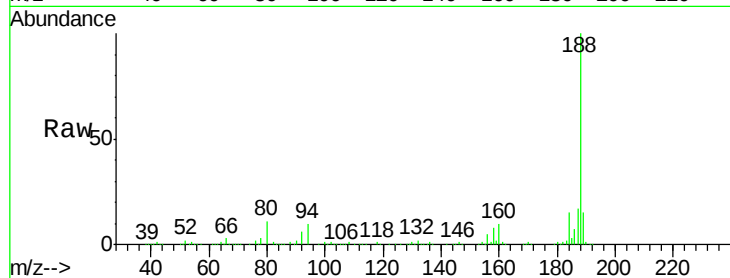




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101556.D
Acq: 20 Dec 2017 7:38

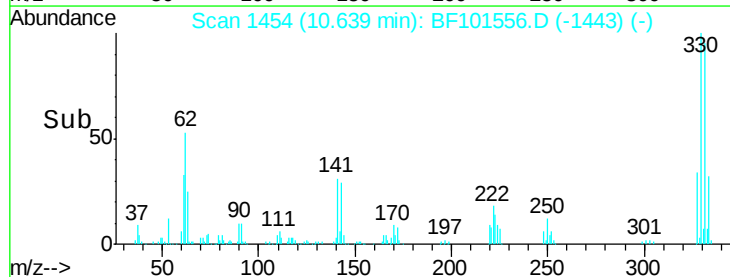
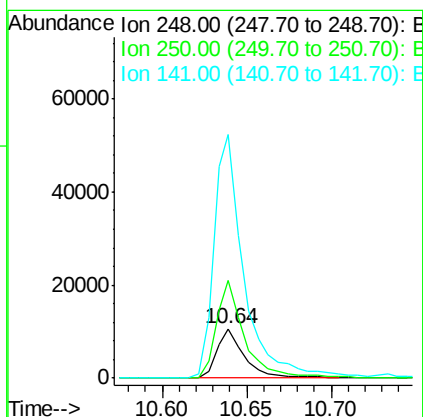
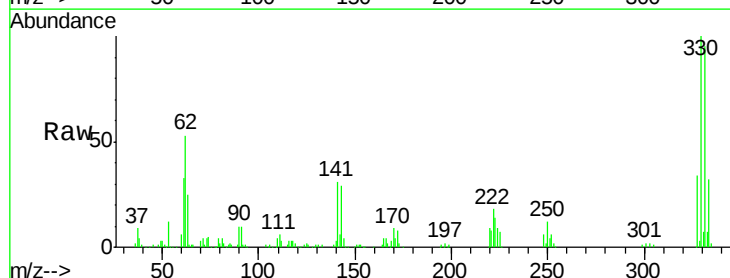
Instrument :
BNA_F
ClientSampleId :

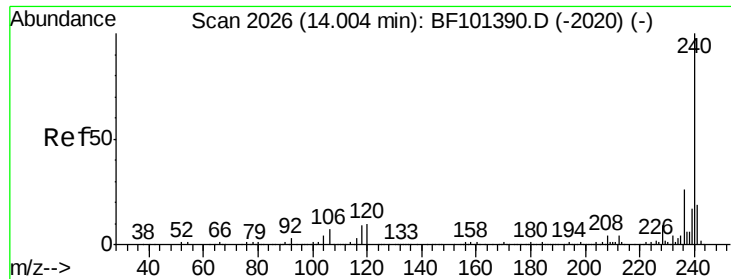
Tot Ion:188 Resp: 472038
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.251 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101556.D
Acq: 20 Dec 2017 7:38

Tgt Ion:248 Resp: 11939
Ion Ratio Lower Upper
248 100
250 197.8 76.9 115.3#
141 495.9 74.4 111.6#

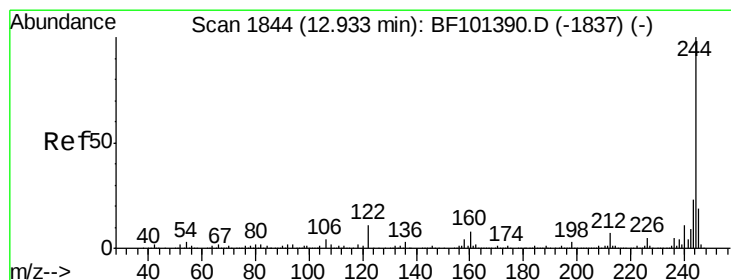
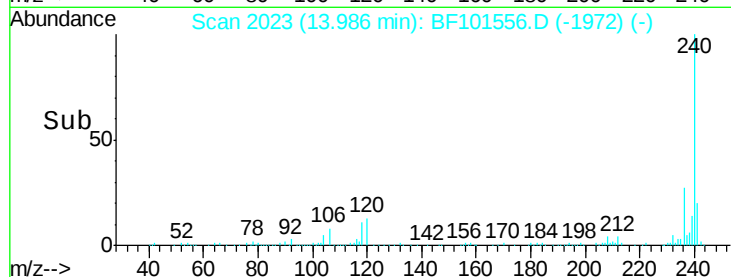
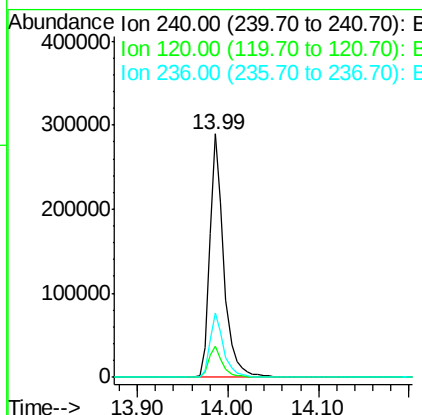
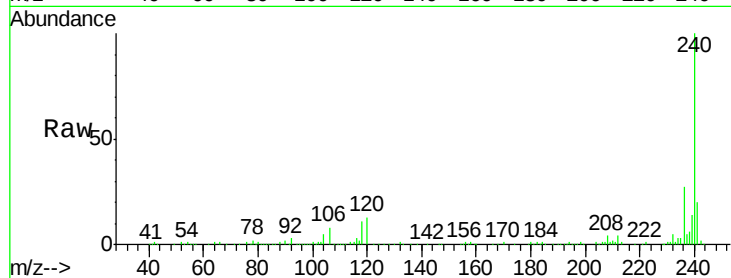




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101556.D
Acq: 20 Dec 2017 7:38

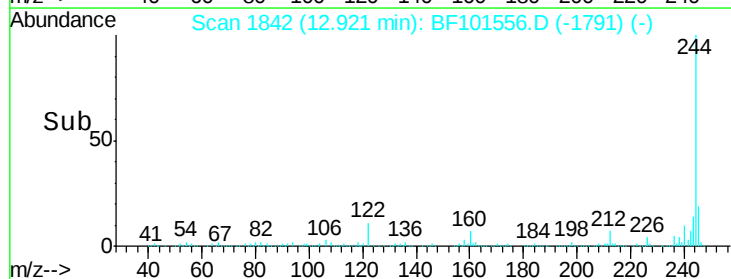
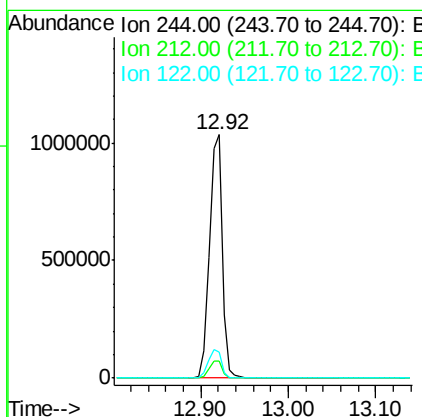
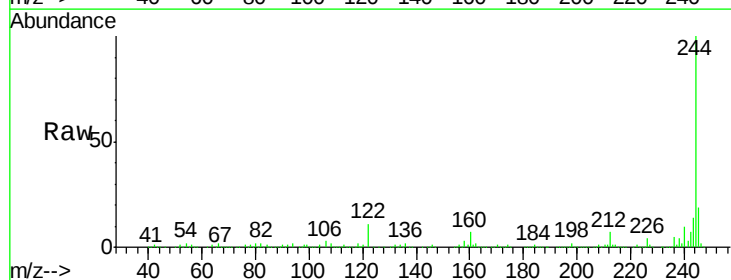
Instrument :
BNA_F
ClientSampleId :

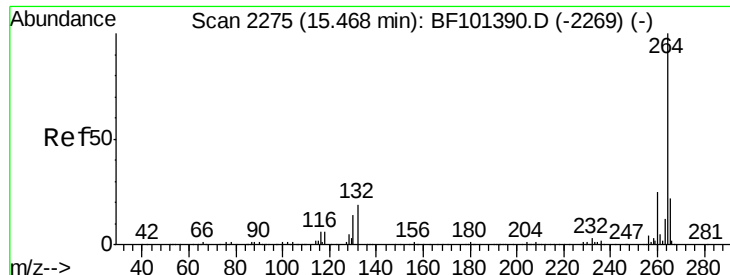
Tot Ion:240 Resp: 312744
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 26.6 20.7 31.1



#78
Terphenyl-d14
Concen: 81.251 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF101556.D
Acq: 20 Dec 2017 7:38

Tgt Ion:244 Resp: 1054058
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.5 11.0 16.4#



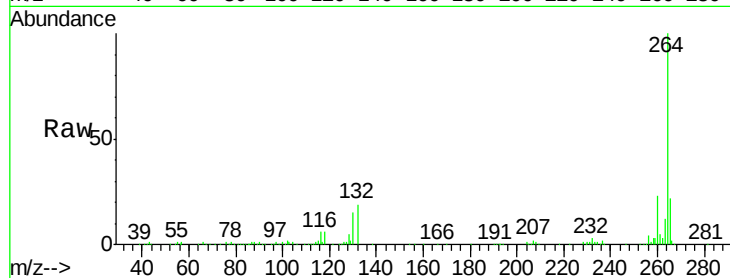


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101556.D
Acq: 20 Dec 2017 7:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 336031

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	17.5	26.3



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

