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 Data File : BF101471.D
 Acq On : 16 Dec 2017 4:50
 Operator : SJ/JU
 Sample : I6882-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 05:31:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

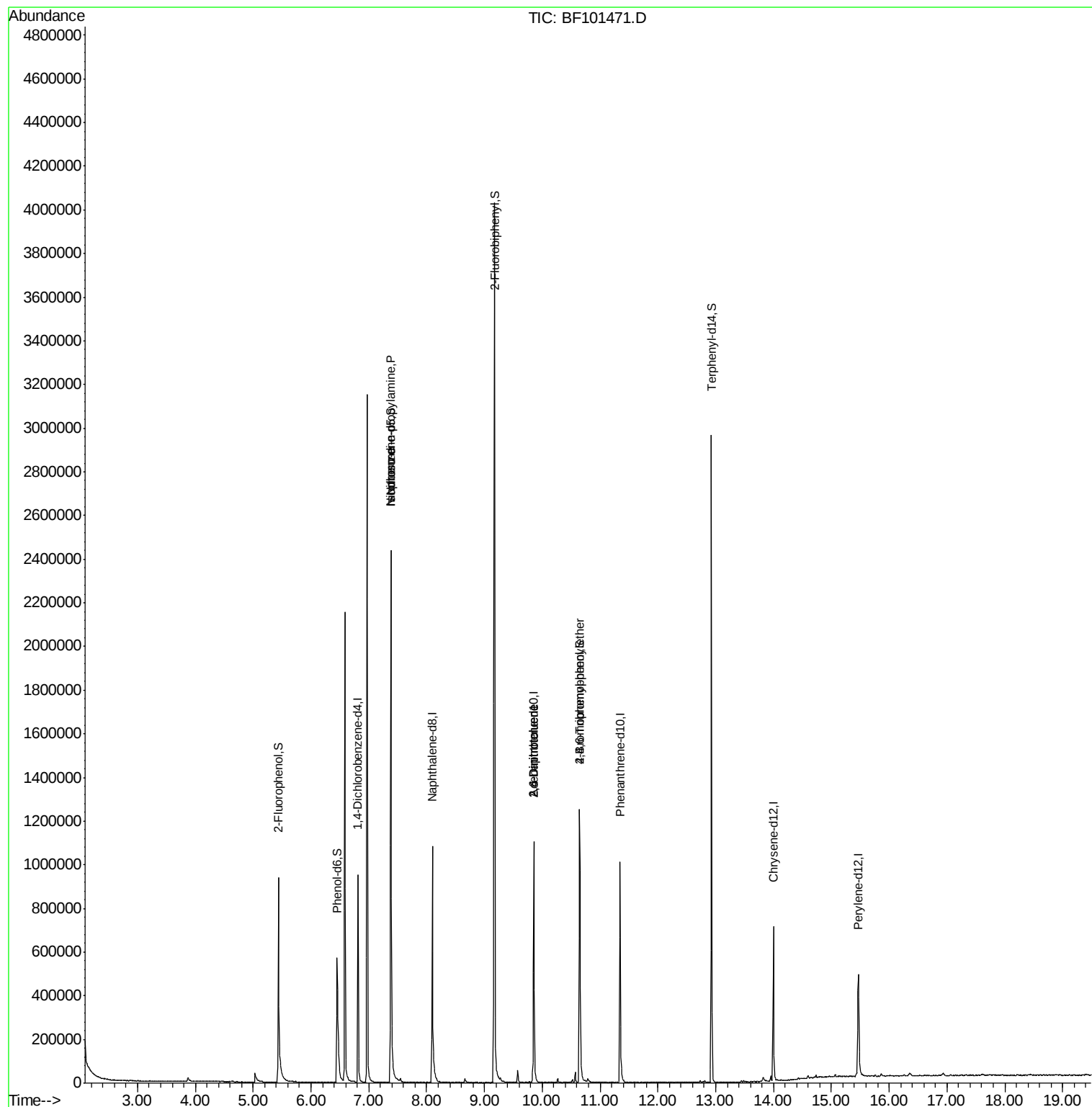
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	160663	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	636405	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	260008	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	427807	20.00	ng	0.00
75) Chrysene-d12	14.00	240	299939	20.00	ng	0.00
86) Perylene-d12	15.47	264	267575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	386159	35.80	ng	0.00
7) Phenol-d6	6.45	99	288794	21.51	ng	0.00
23) Nitrobenzene-d5	7.39	82	935176	81.80	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	182393	72.80	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1500222	89.51	ng	0.00
78) Terphenyl-d14	12.93	244	1059312	85.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	122127	13.854	ng	# 81
25) Isophorone	7.39	82	935171	40.776	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	32745	7.704	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	32745	6.837	ng	# 24
66) 4-Bromophenyl-phenylether	10.65	248	11323	2.356	ng	# 1

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

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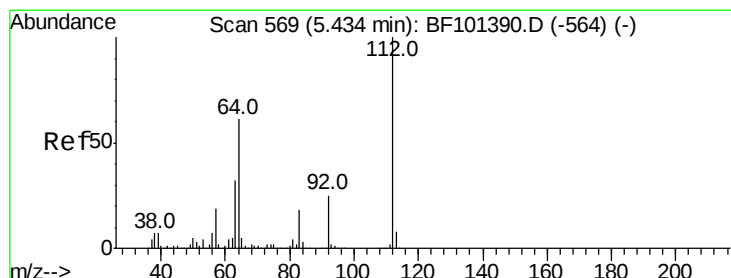
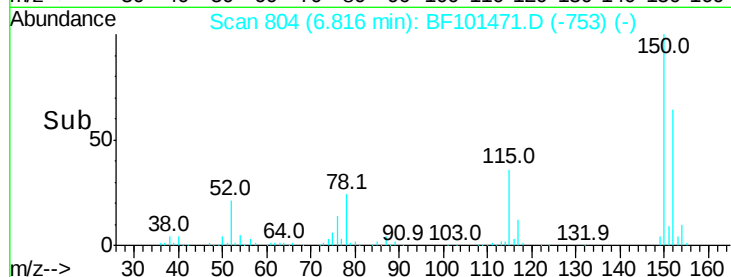
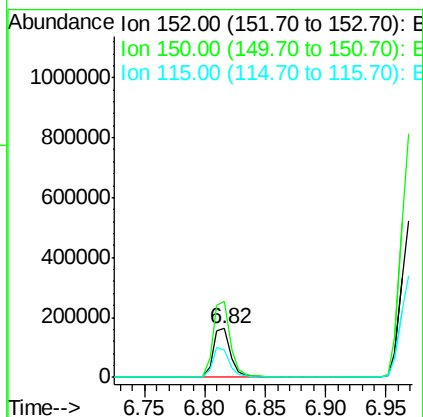
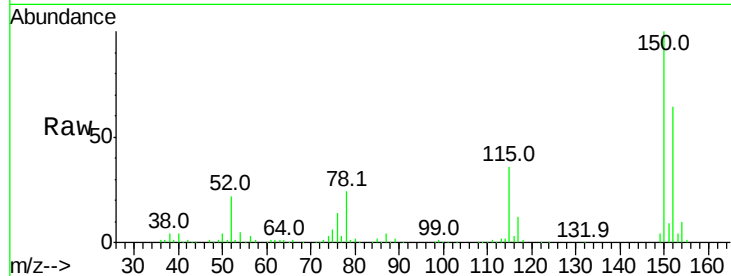


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101471.D
Acq: 16 Dec 2017 4:50

Instrument :
BNA_F
ClientSampleId :

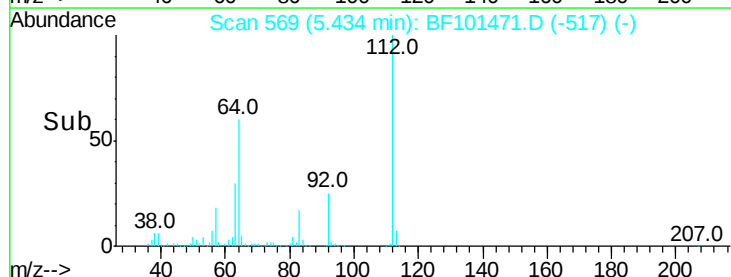
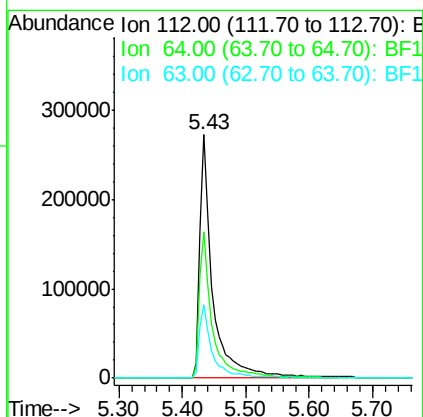
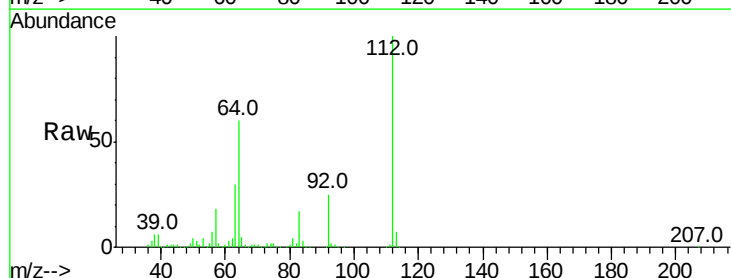
Tot Ion:152 Resp: 160663
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 56.6 50.1 75.1

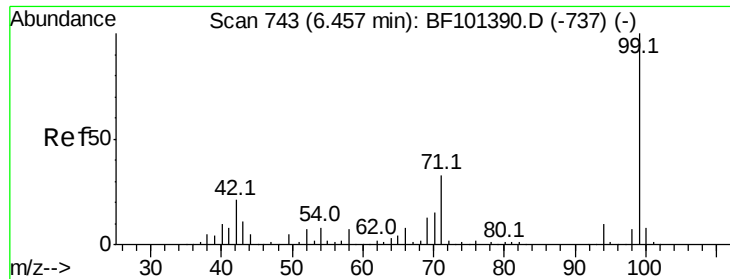


#5

2-Fluorophenol
Concen: 35.803 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101471.D
Acq: 16 Dec 2017 4:50

Tgt Ion:112 Resp: 386159
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 21.514 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101471.D

Acq: 16 Dec 2017 4:50

Instrument :

BNA_F

ClientSampleId :

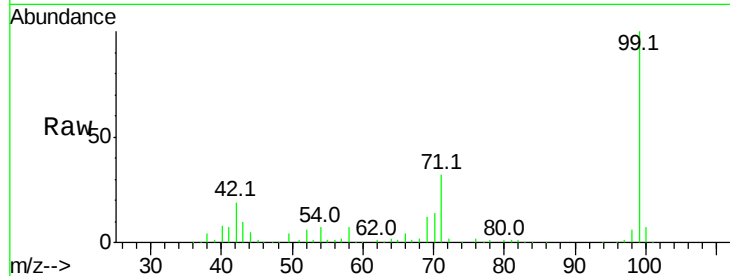
Tot Ion: 99 Resp: 288794

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

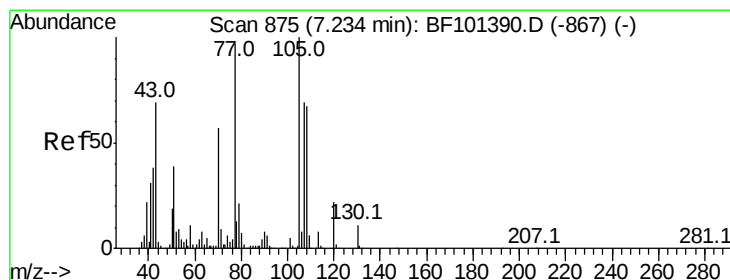
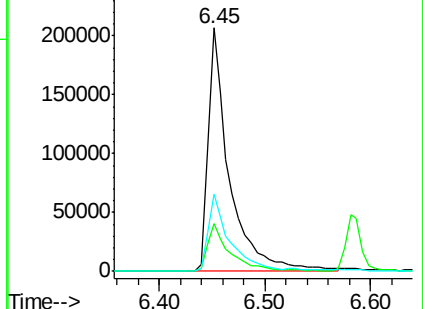
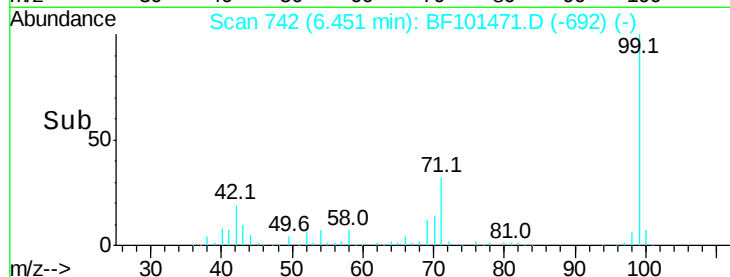
71 31.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.854 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF101471.D

Acq: 16 Dec 2017 4:50

Tgt Ion: 70 Resp: 122127

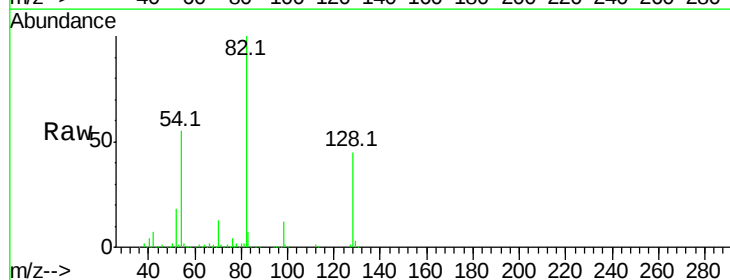
Ion Ratio Lower Upper

70 100

42 50.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

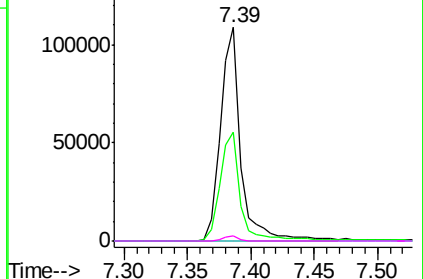
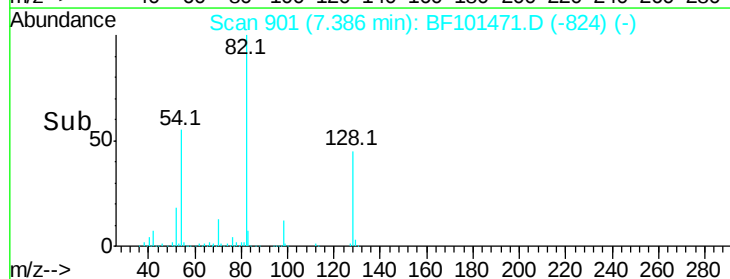


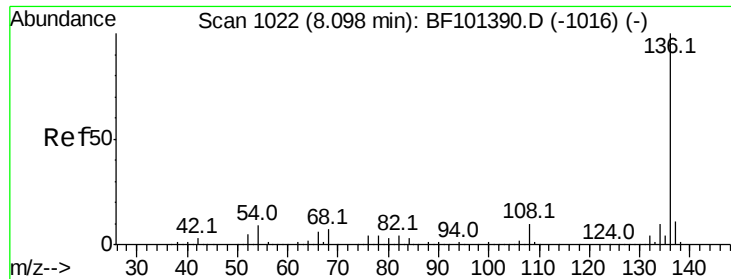
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

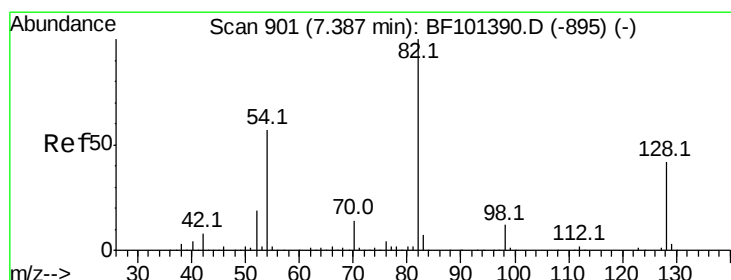
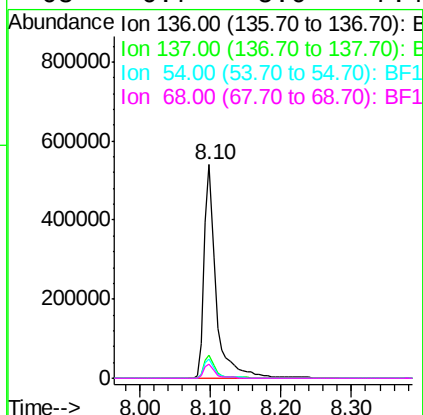
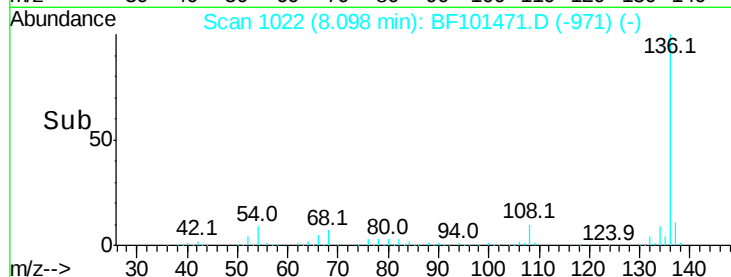
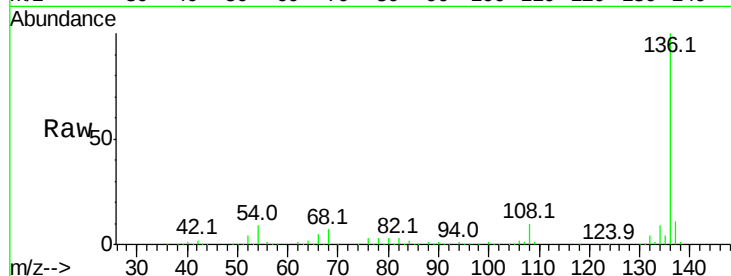




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101471.D
Acq: 16 Dec 2017 4:50

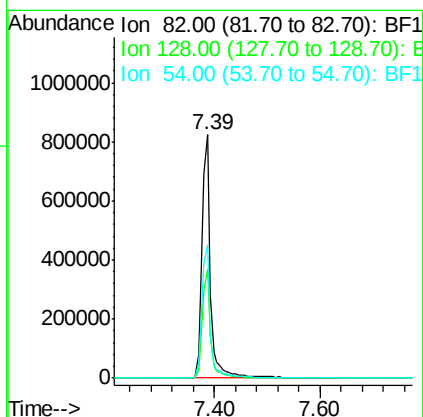
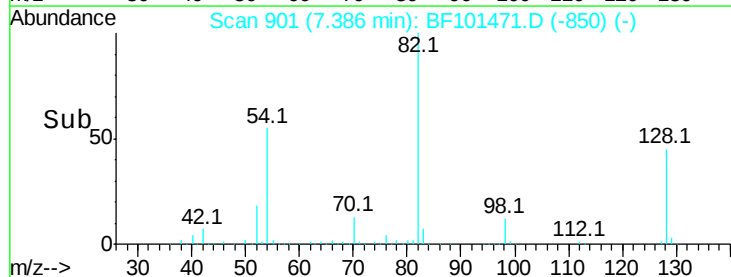
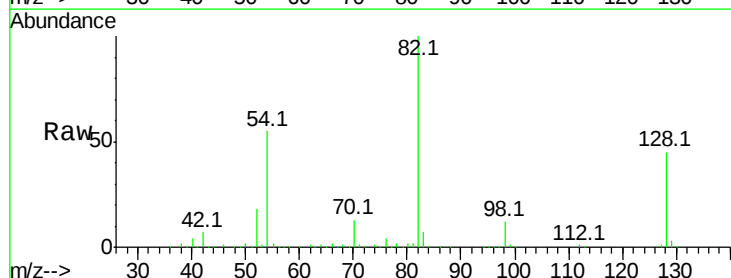
Instrument :
BNA_F
ClientSampleId :

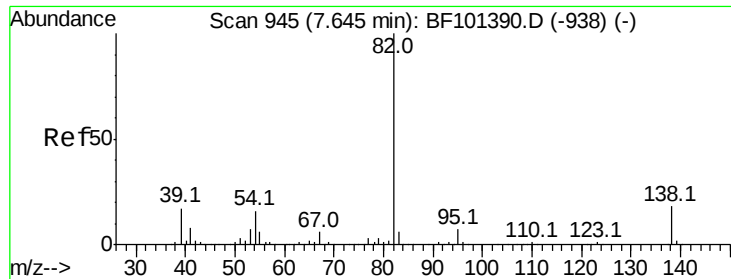
Tot Ion:	136	Resp:	636405
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.0	6.6	9.8
68	6.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 81.799 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101471.D
Acq: 16 Dec 2017 4:50

Tgt Ion:	82	Resp:	935176
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	54.7	41.4	62.2

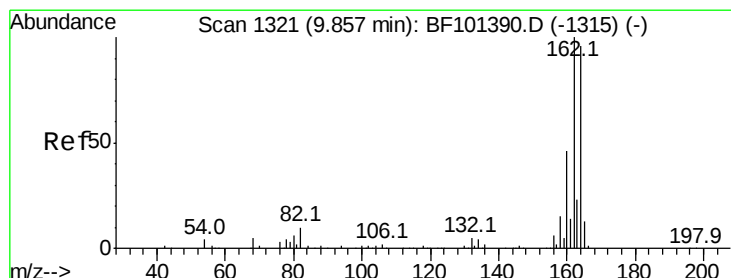
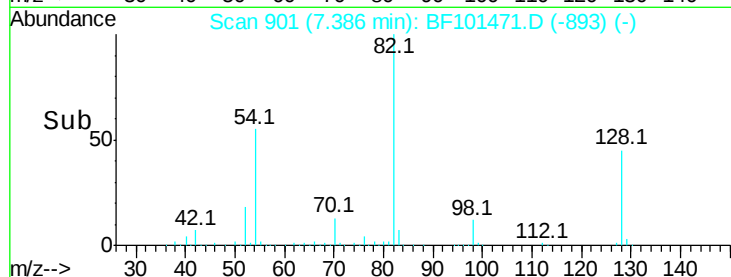
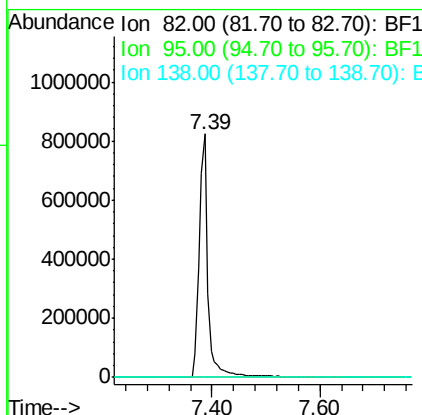
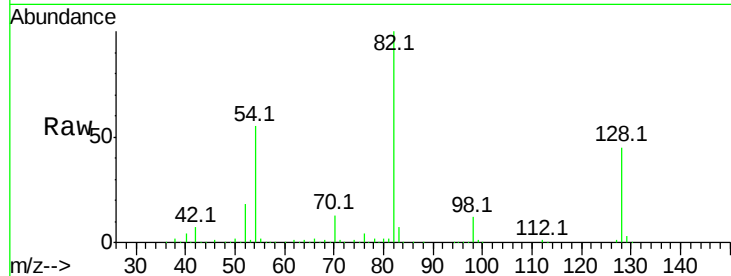




#25
Isophorone
Concen: 40.776 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.25 min
Lab File: BF101471.D
Acq: 16 Dec 2017 4:50

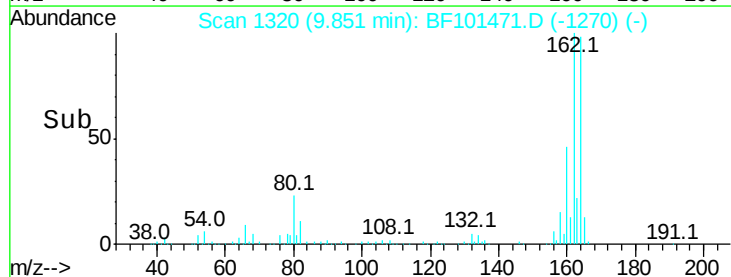
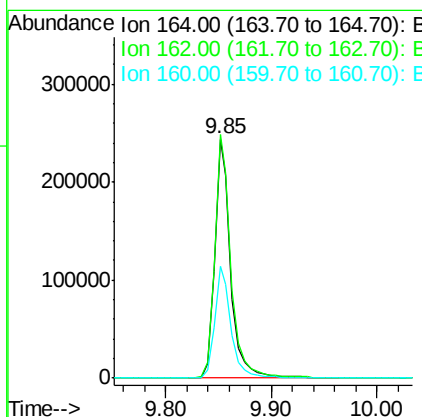
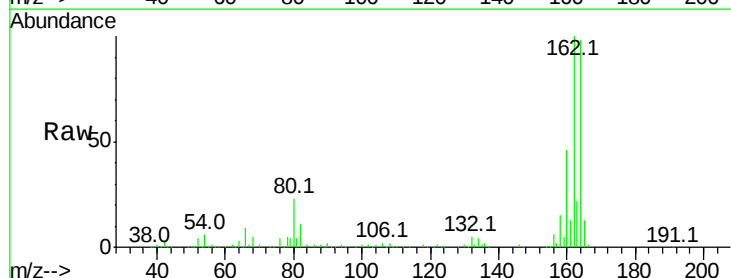
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 935171
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# 1320
Delta R.T. -0.01 min
Lab File: BF101471.D
Acq: 16 Dec 2017 4:50

Tgt Ion:164 Resp: 260008
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 47.0 38.3 57.5

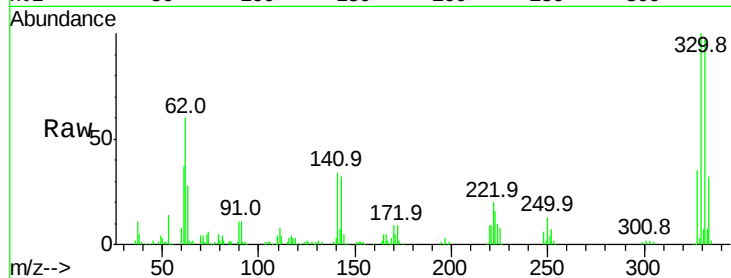




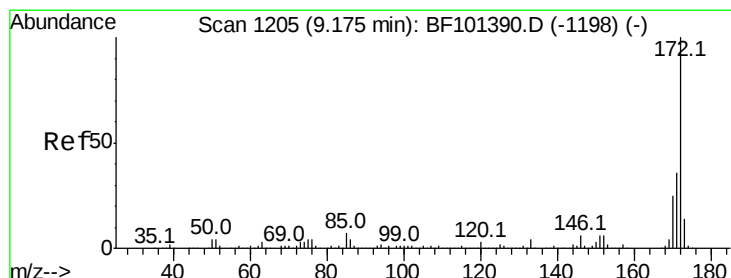
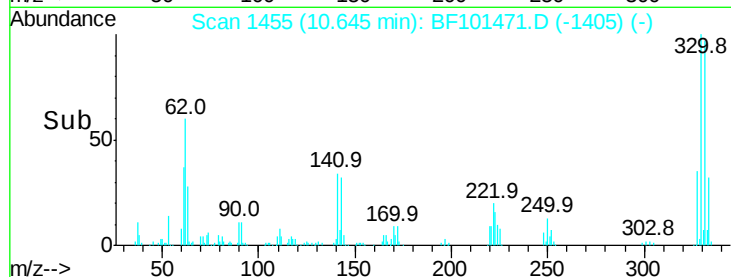
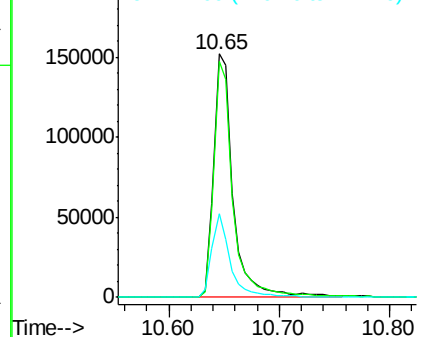
#41
 2,4,6-Tribromophenol
 Concen: 72.801 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF101471.D
 Acq: 16 Dec 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 182393
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 32.8 29.9 44.9

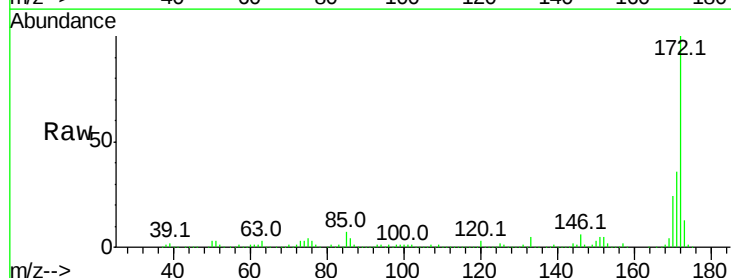


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

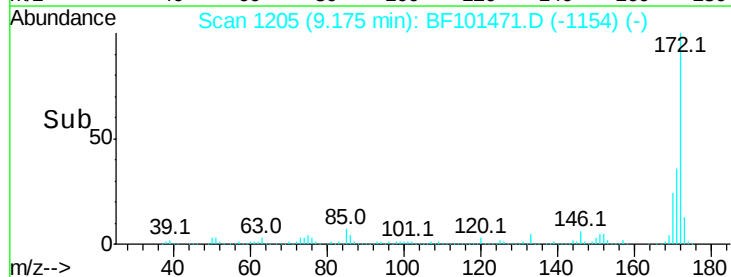
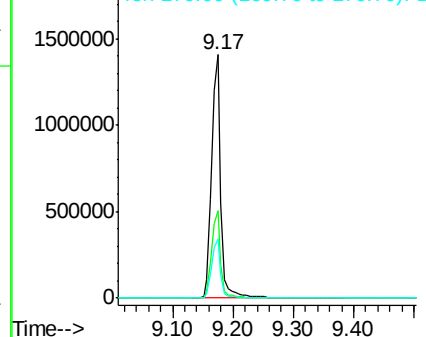


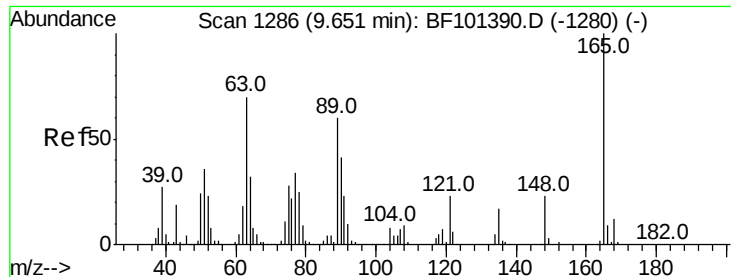
#44
 2-Fluorobiphenyl
 Concen: 89.505 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF101471.D
 Acq: 16 Dec 2017 4:50

Tgt Ion:172 Resp: 1500222
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 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

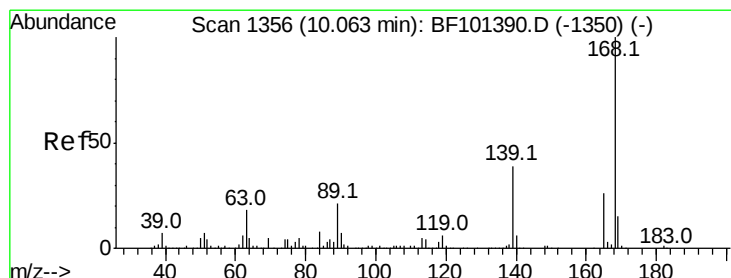
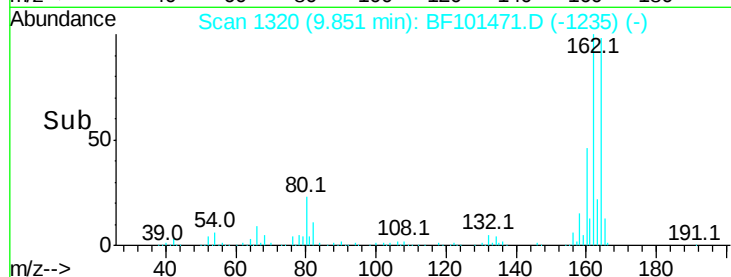
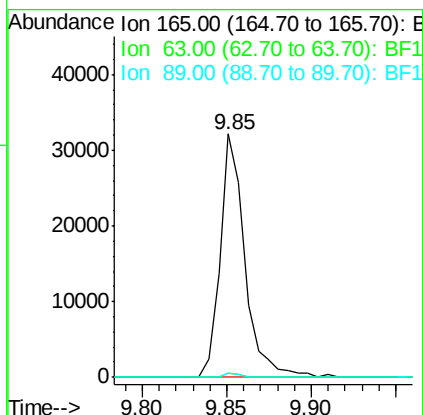
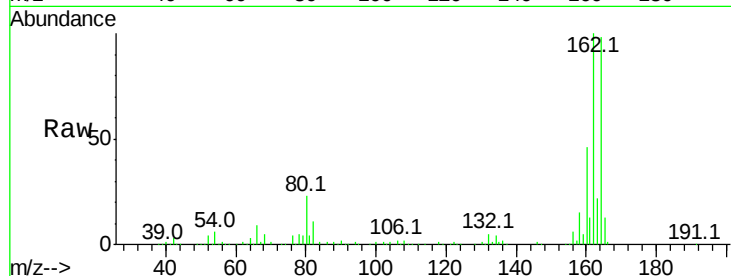




#50
2,6-Dinitrotoluene
Concen: 7.704 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.20 min
Lab File: BF101471.D
Acq: 16 Dec 2017 4:50

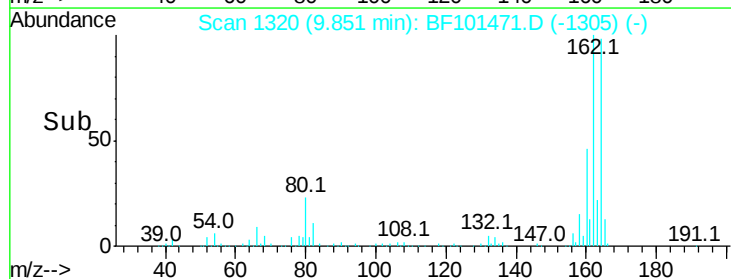
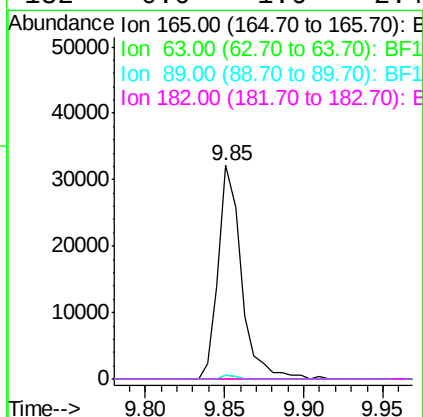
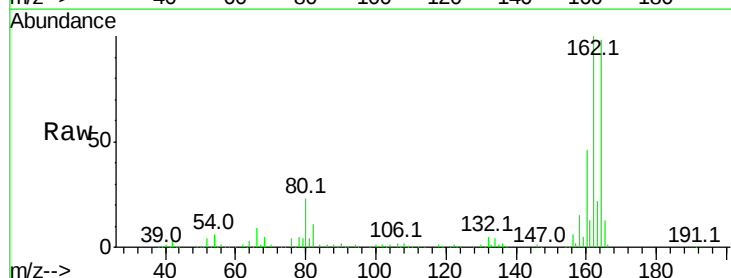
Instrument :
BNA_F
ClientSampleId :

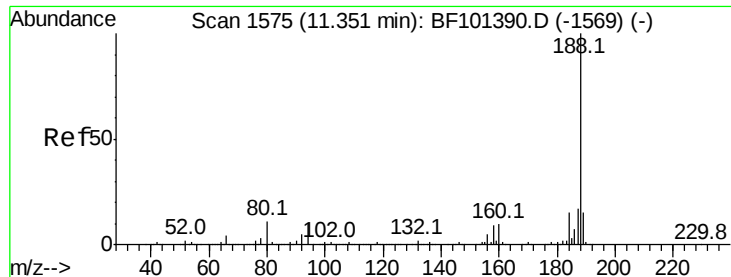
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.7	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.837 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.21 min
Lab File: BF101471.D
Acq: 16 Dec 2017 4:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

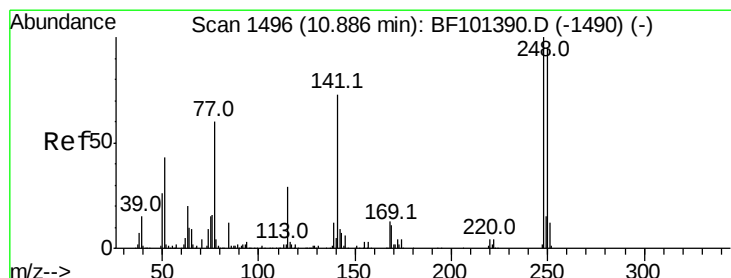
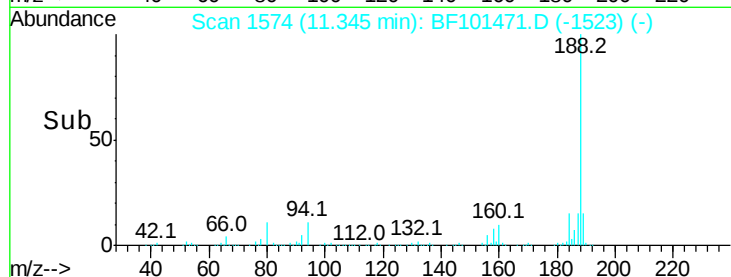
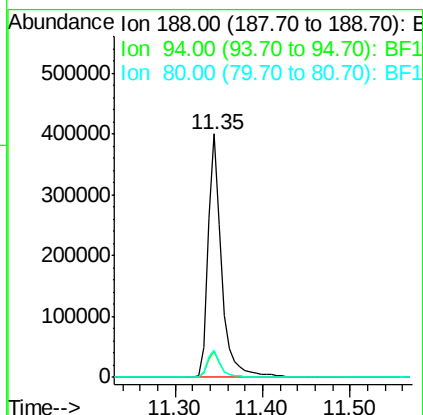
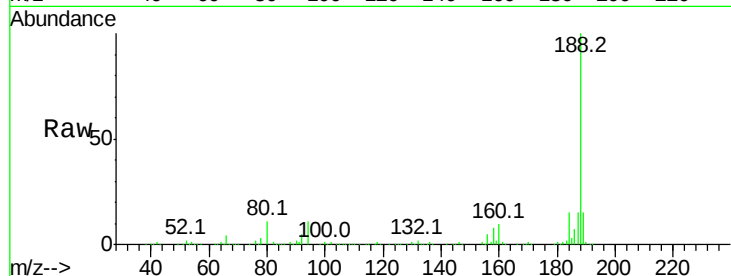




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101471.D
Acq: 16 Dec 2017 4:50

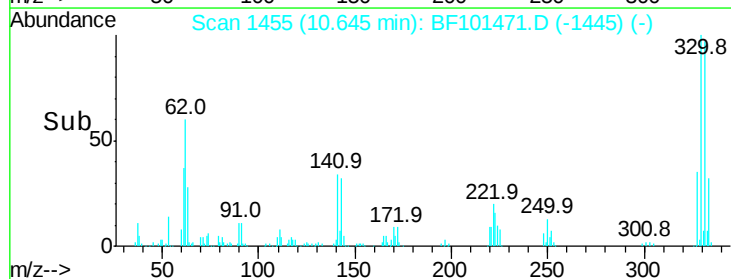
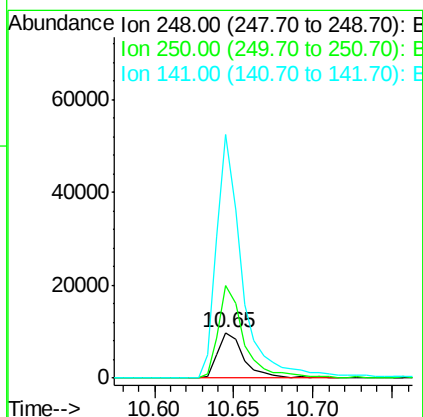
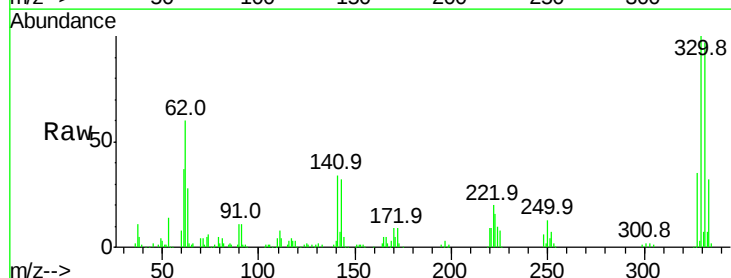
Instrument :
BNA_F
ClientSampleId :

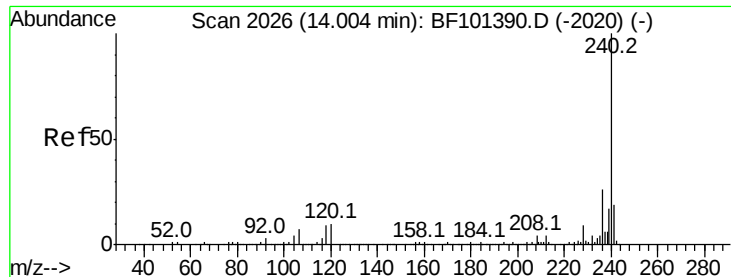
Tot Ion:188 Resp: 427807
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.356 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF101471.D
Acq: 16 Dec 2017 4:50

Tgt Ion:248 Resp: 11323
Ion Ratio Lower Upper
248 100
250 204.7 76.9 115.3#
141 535.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF101471.D

Acq: 16 Dec 2017 4:50

Instrument :

BNA_F

ClientSampleId :

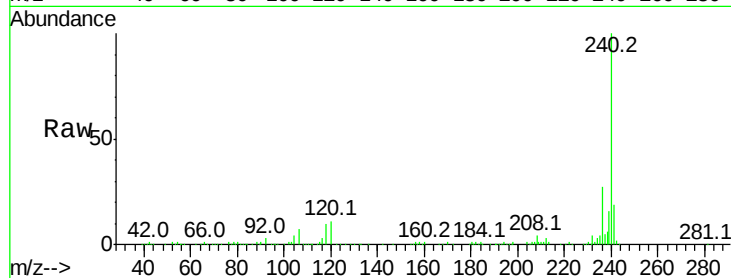
Tot Ion:240 Resp: 299939

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

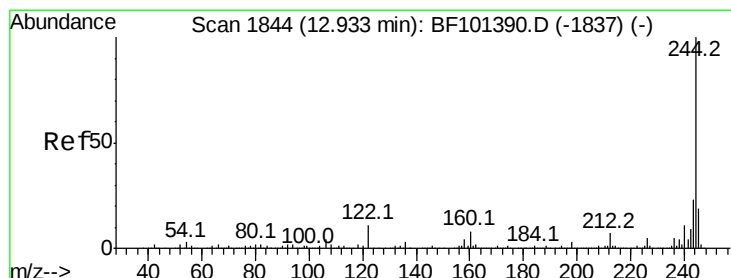
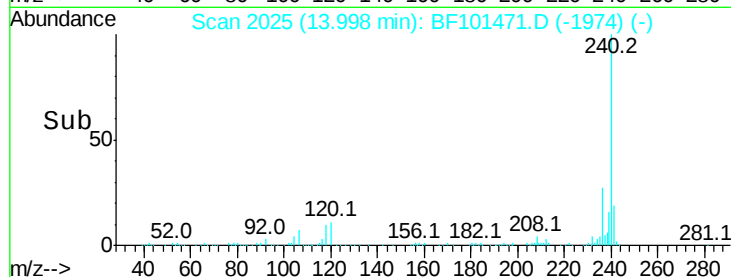
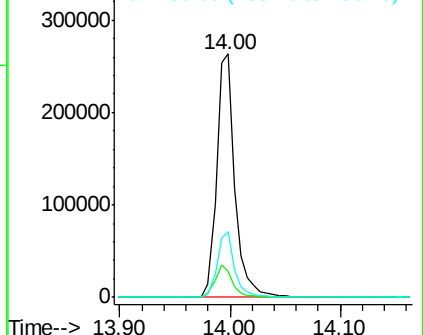
236 27.2 20.7 31.1



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



#78

Terphenyl-d14

Concen: 85.143 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF101471.D

Acq: 16 Dec 2017 4:50

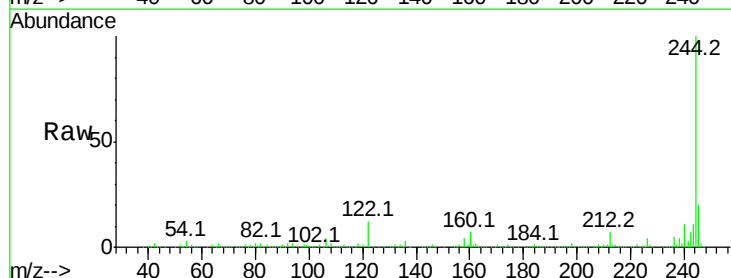
Tgt Ion:244 Resp: 1059312

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

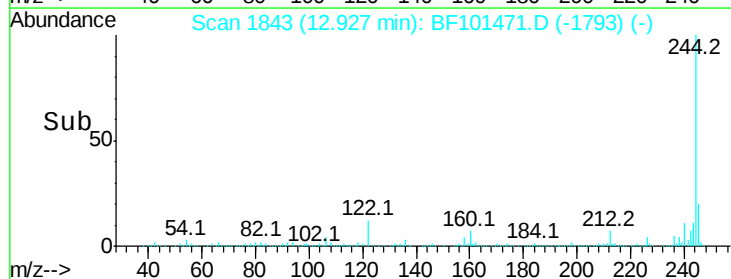
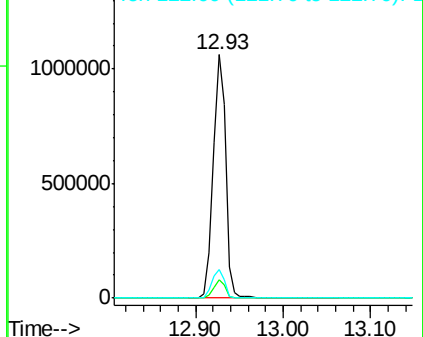
122 12.0 11.0 16.4

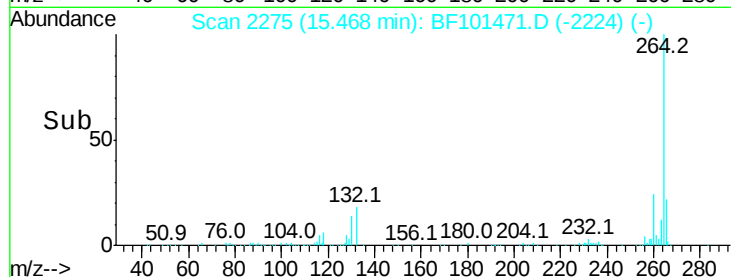
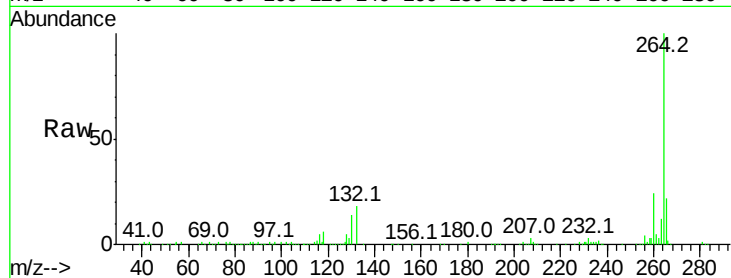
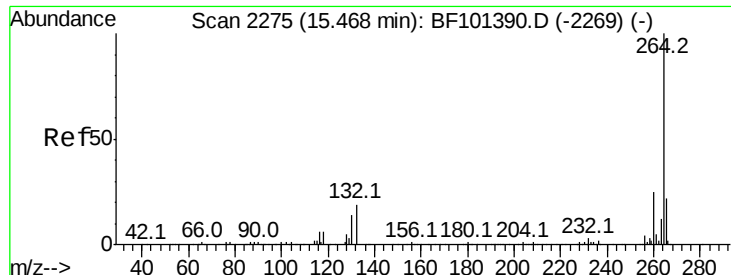


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF101471.D

Acq: 16 Dec 2017 4:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 267575

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.0 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

