

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101084.D
 Acq On : 2 Dec 2017 1:48
 Operator : SJ/JU
 Sample : I6639-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 342-VNJ216

Quant Time: Dec 02 02:45:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

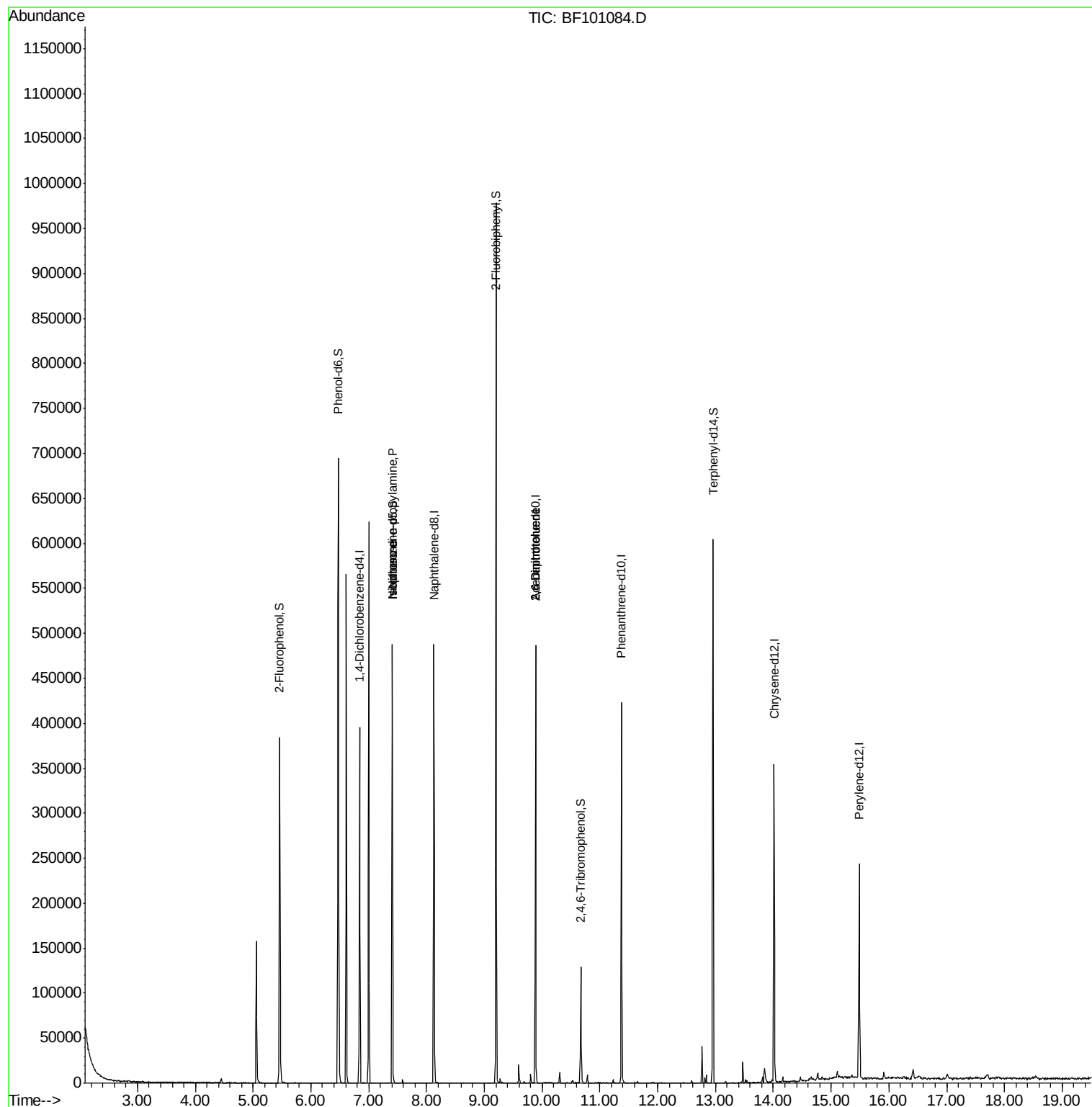
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52907	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	203973	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	93380	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	156255	20.00	ng	0.00
75) Chrysene-d12	14.02	240	123689	20.00	ng	0.00
86) Perylene-d12	15.49	264	113910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	108425	33.86	ng	0.00
7) Phenol-d6	6.47	99	211968	54.53	ng	0.00
23) Nitrobenzene-d5	7.41	82	141445	41.37	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	17761	15.83	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	300065	43.97	ng	0.00
78) Terphenyl-d14	12.96	244	208357	36.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	19234	7.347	ng	# 79
25) Isophorone	7.41	82	141444	24.217	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	11737	7.400	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11737	5.521	ng	# 21

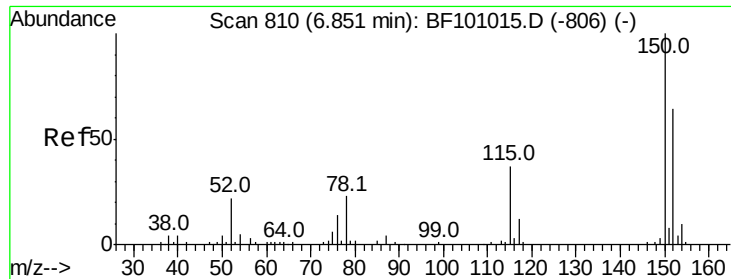
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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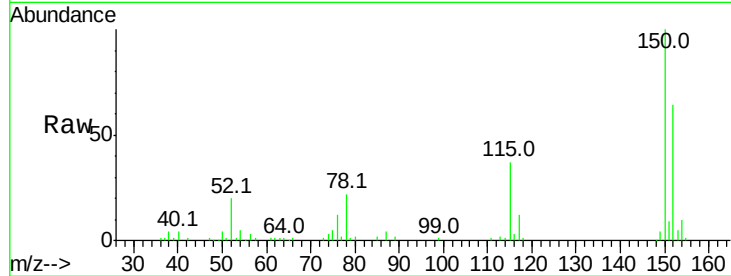


#1

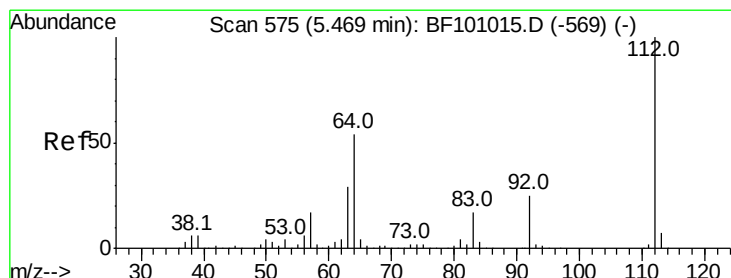
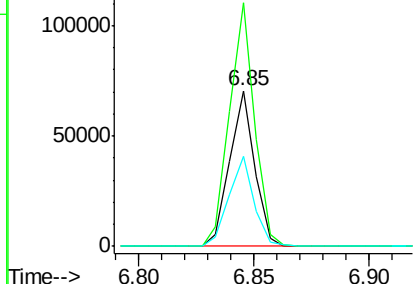
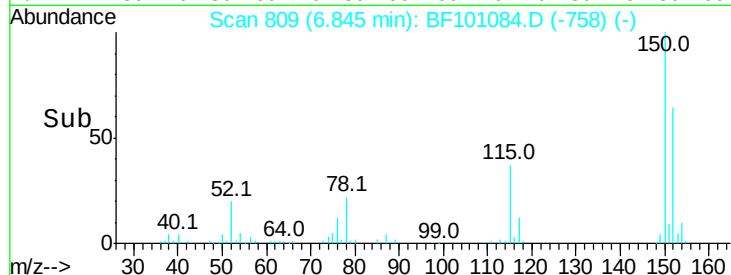
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101084.D
Acq: 2 Dec 2017 1:48

Instrument :
BNA_F
ClientSampleId :
342-VNJ216

Tot Ion:152 Resp: 52907
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 58.1 50.1 75.1



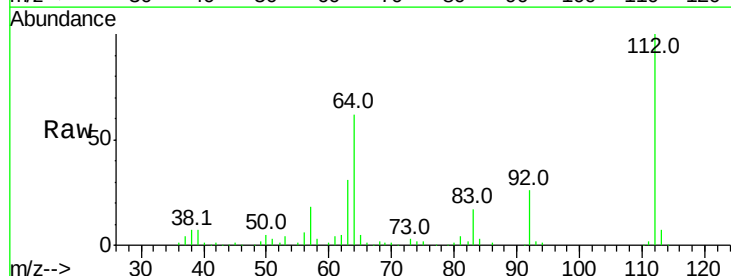
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



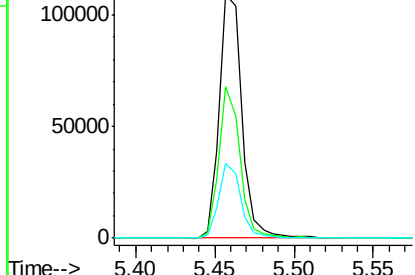
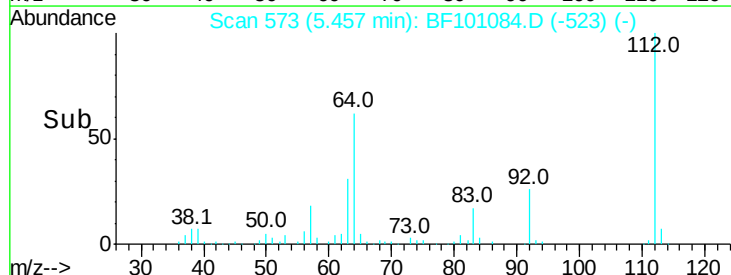
#5

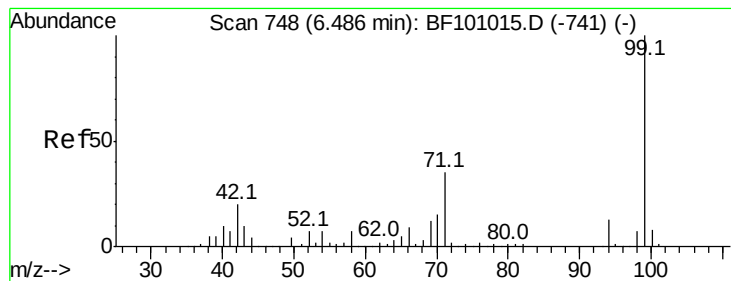
2-Fluorophenol
Concen: 33.864 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101084.D
Acq: 2 Dec 2017 1:48

Tgt Ion:112 Resp: 108425
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 30.9 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: 54.529 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

Instrument :

BNA_F

ClientSampleId :

342-VNJ216

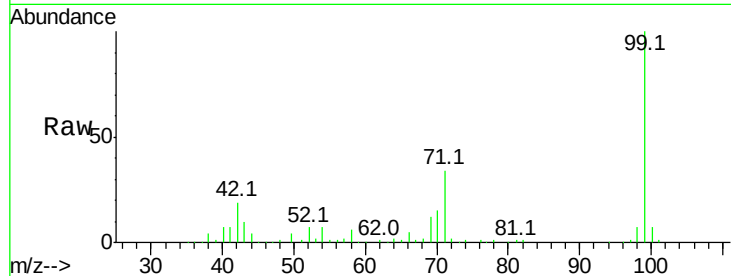
Tot Ion: 99 Resp: 211968

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

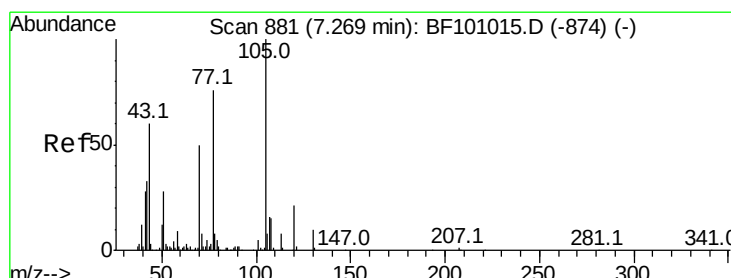
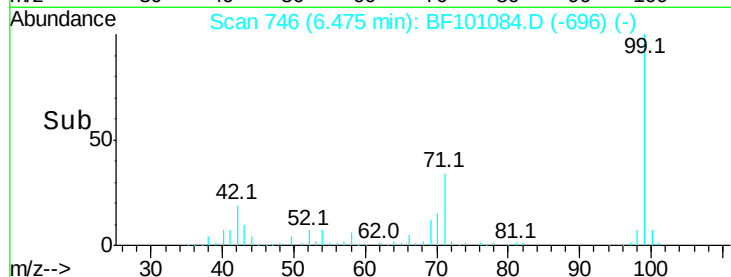
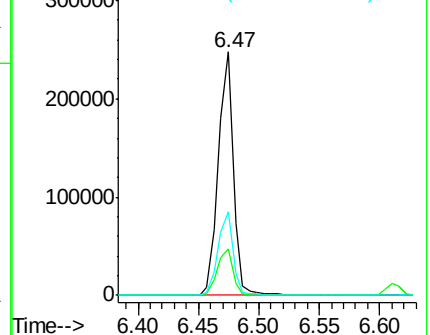
71 34.3 25.4 38.0



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: 7.347 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.15 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

Tgt Ion: 70 Resp: 19234

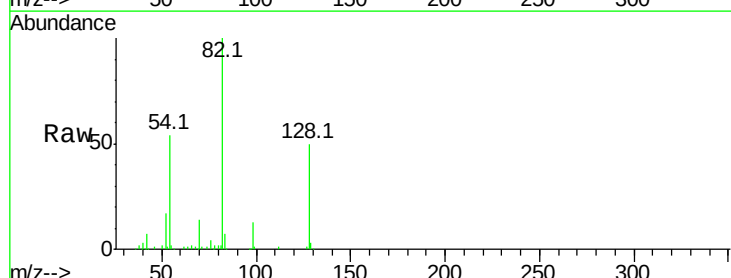
Ion Ratio Lower Upper

70 100

42 49.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

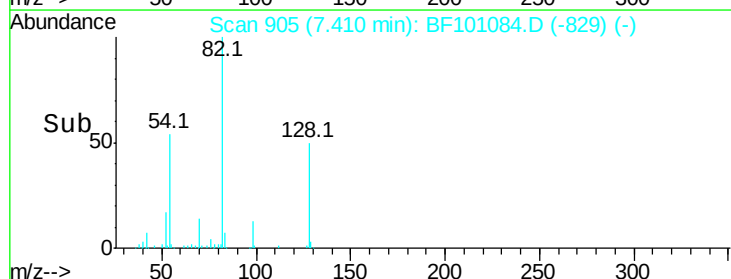
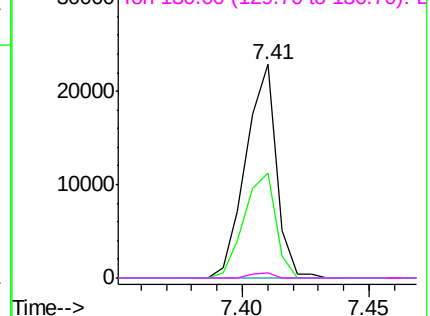


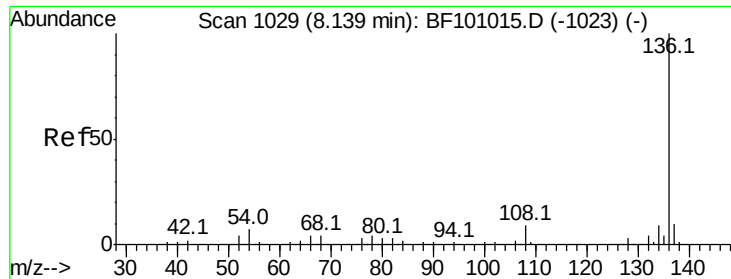
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

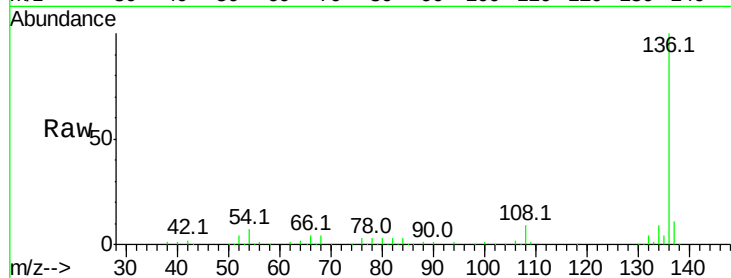




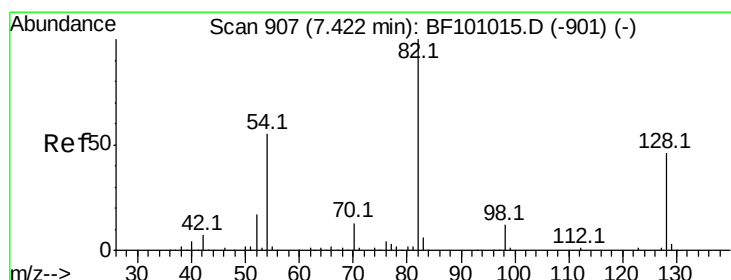
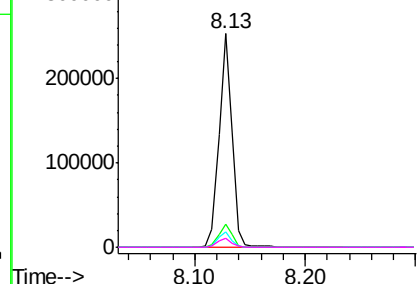
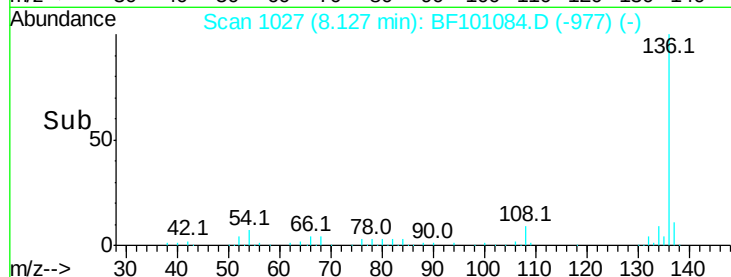
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101084.D
Acq: 2 Dec 2017 1:48

Instrument :
BNA_F
ClientSampleId :
342-VNJ216

Tot Ion:	136	Resp:	203973
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.5	6.6	9.8
68	4.3	5.0	7.4#

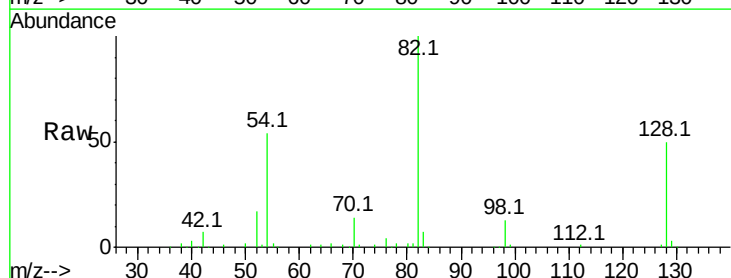


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

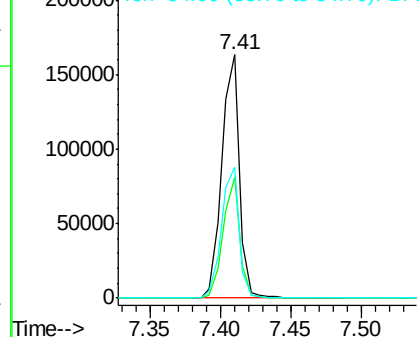
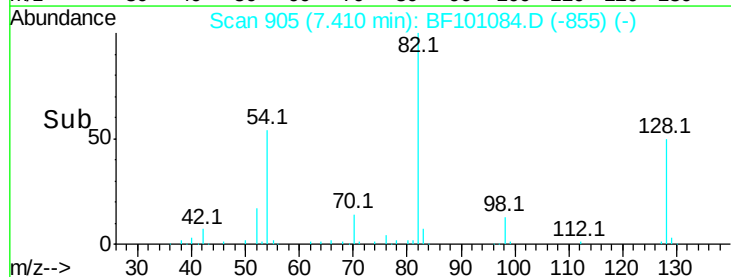


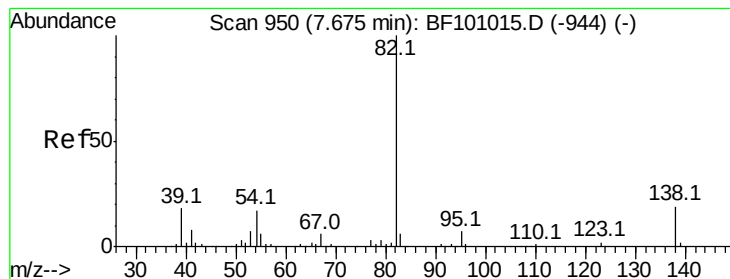
#23
Nitrobenzene-d5
Concen: 41.366 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101084.D
Acq: 2 Dec 2017 1:48

Tgt Ion:	82	Resp:	141445
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	53.6	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: 24.217 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

Instrument :

BNA_F

ClientSampled :

342-VNJ216

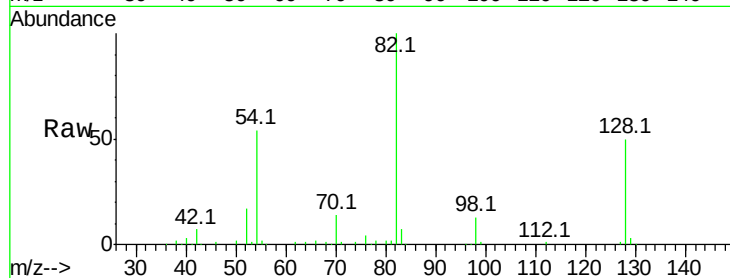
Tot Ion: 82 Resp: 141444

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

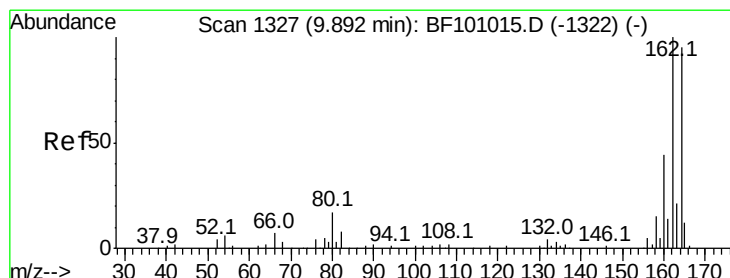
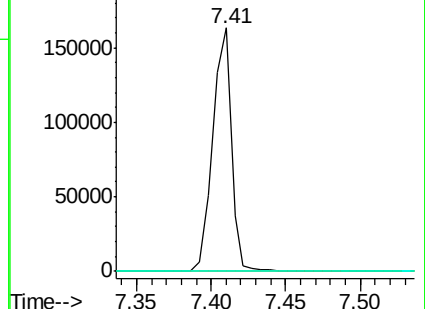
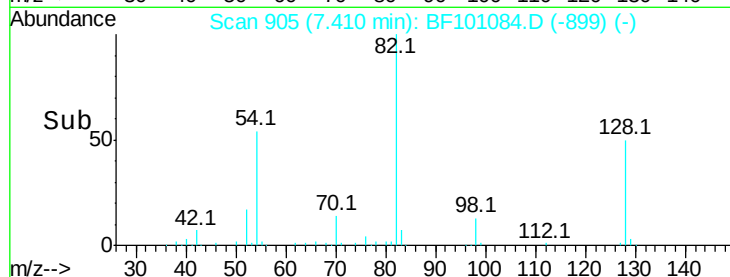
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

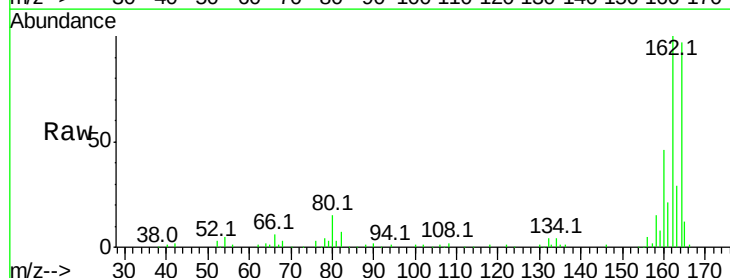
Tgt Ion:164 Resp: 93380

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

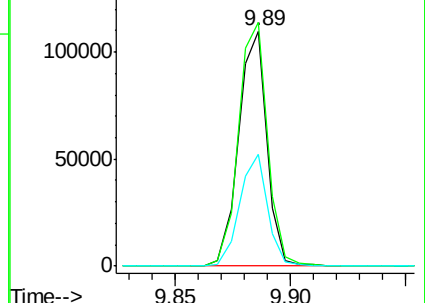
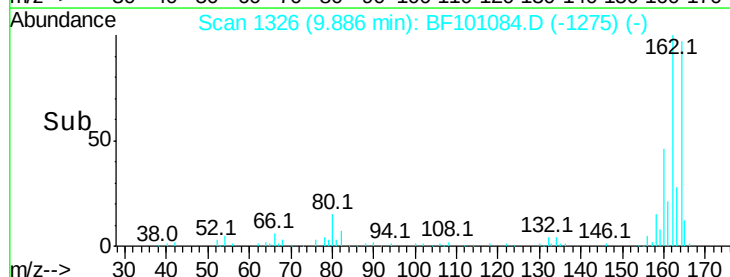
160 47.8 38.3 57.5

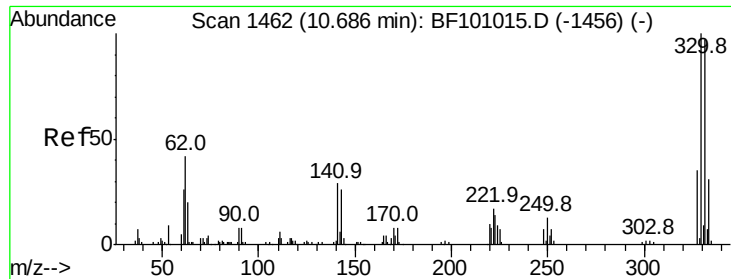


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 15.833 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

Instrument :

BNA_F

ClientSampleId :

342-VNJ216

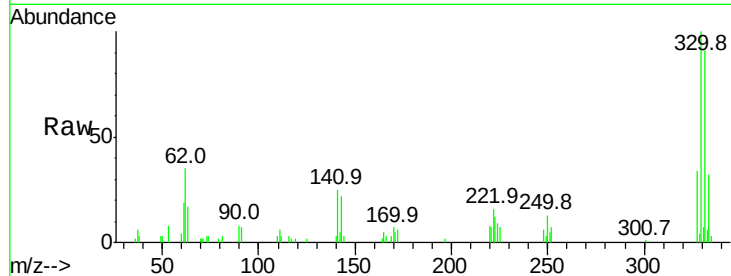
Tot Ion:330 Resp: 17761

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

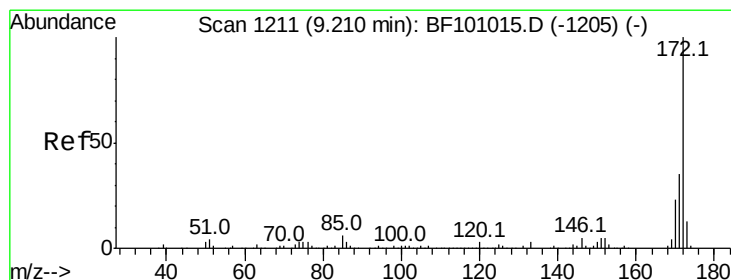
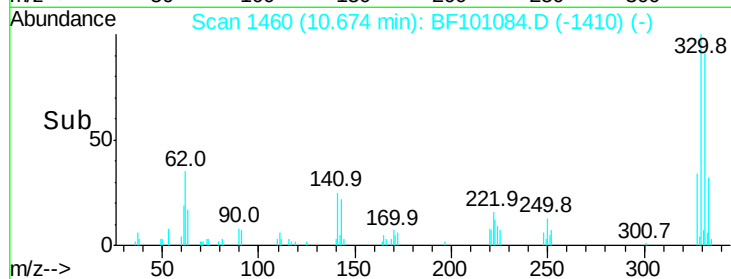
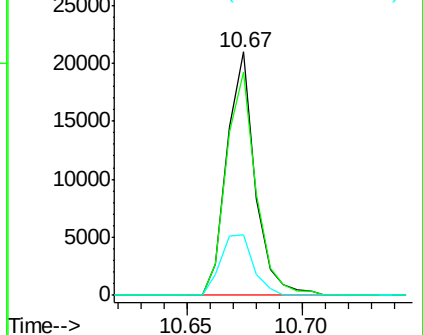
141 28.7 29.9 44.9#



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: 43.965 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

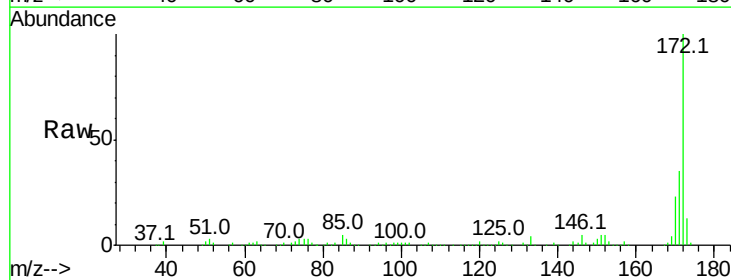
Tgt Ion:172 Resp: 300065

Ion Ratio Lower Upper

172 100

171 34.6 29.7 44.5

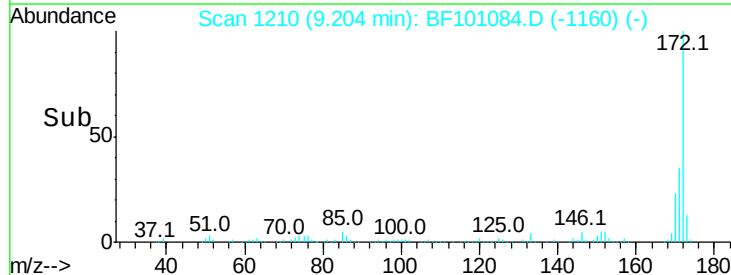
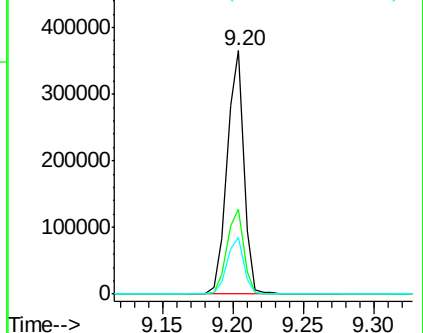
170 23.4 19.6 29.4

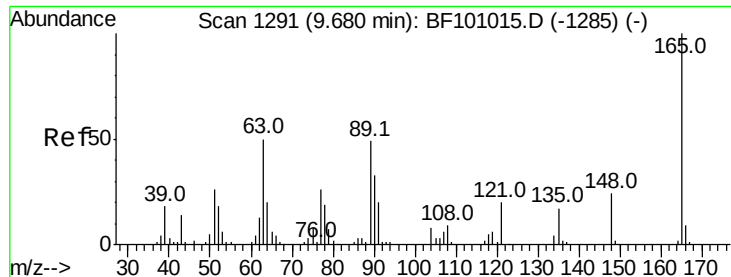


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

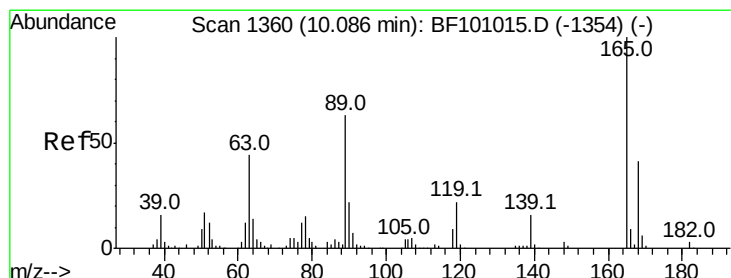
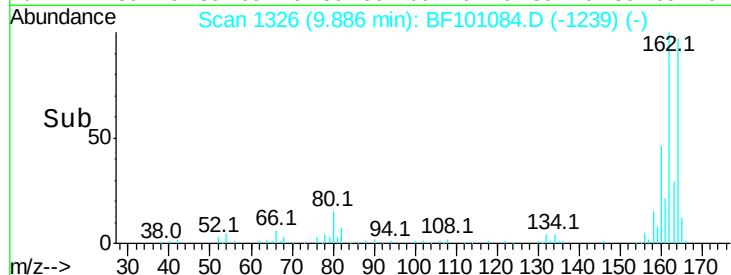
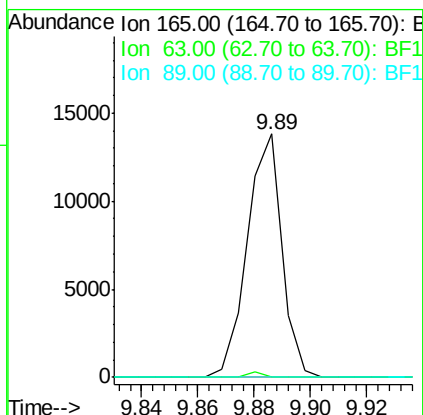
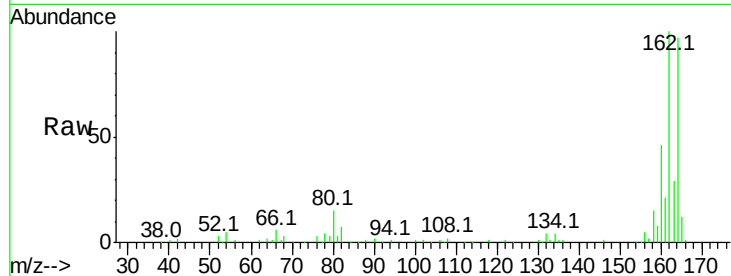




#50
 2,6-Dinitrotoluene
 Concen: 7.400 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF101084.D
 Acq: 2 Dec 2017 1:48

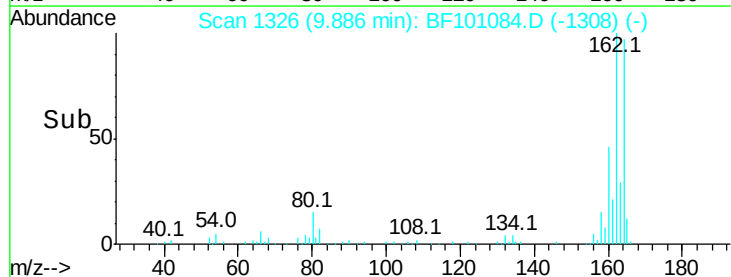
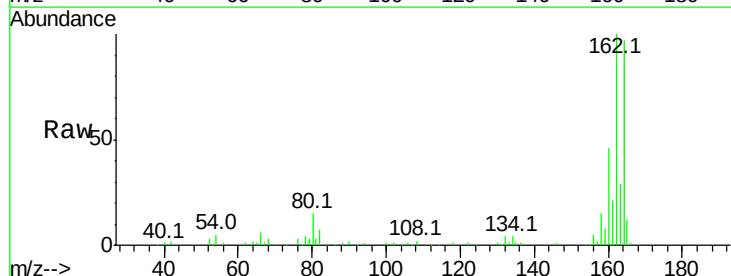
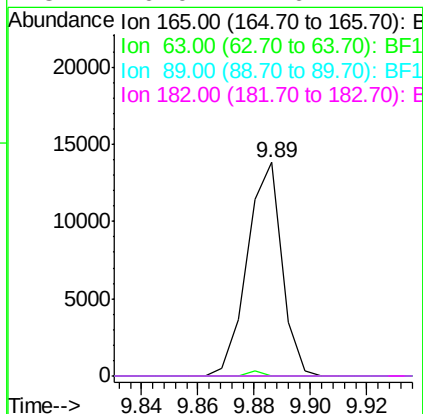
Instrument :
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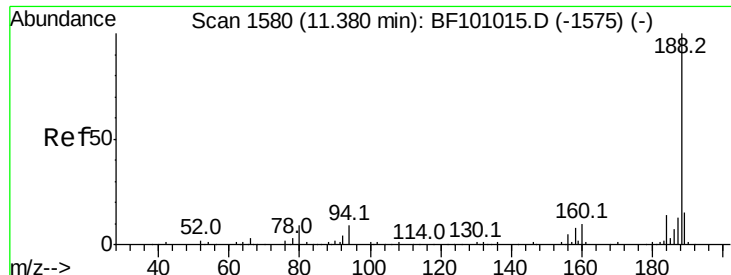
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.521 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101084.D
 Acq: 2 Dec 2017 1:48

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

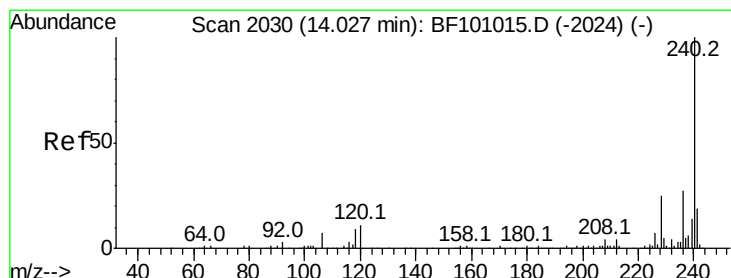
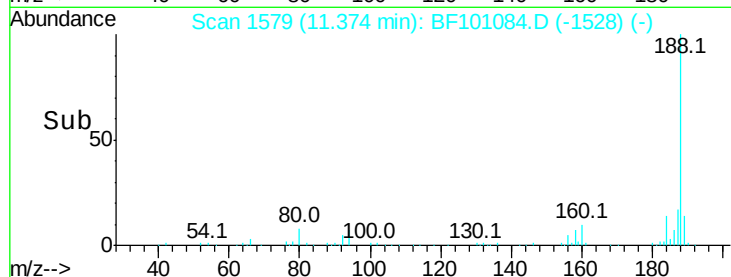
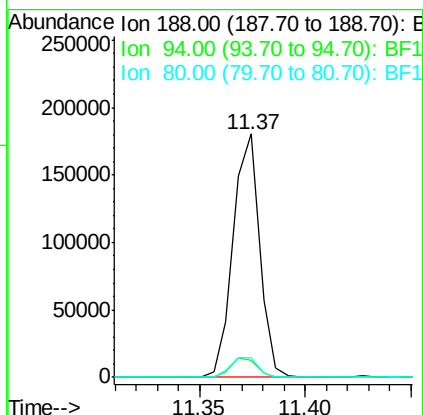
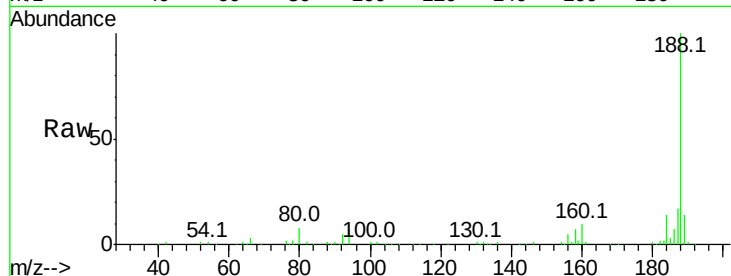




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101084.D
Acq: 2 Dec 2017 1:48

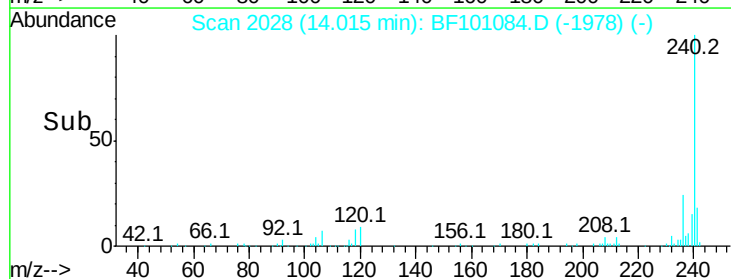
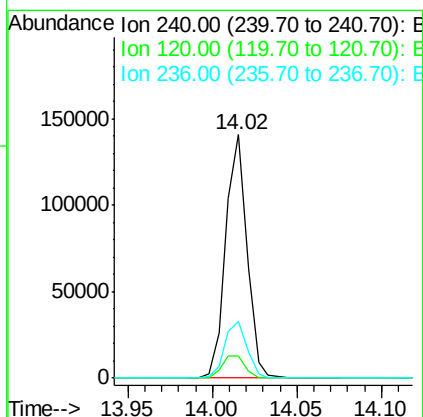
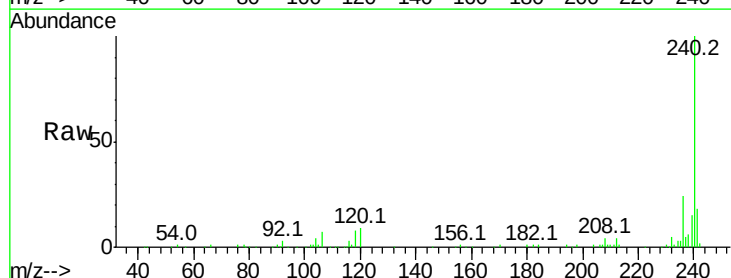
Instrument :
BNA_F
ClientSampleId :
342-VNJ216

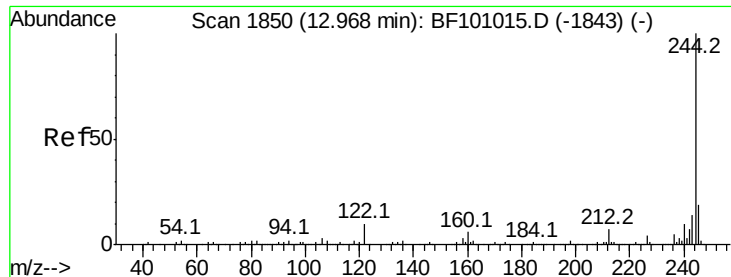
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.5	12.7#
80	7.8	9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101084.D
Acq: 2 Dec 2017 1:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	23.5	20.7	31.1





#78

Terphenyl-d14

Concen: 36.845 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

Instrument :

BNA_F

ClientSampleId :

342-VNJ216

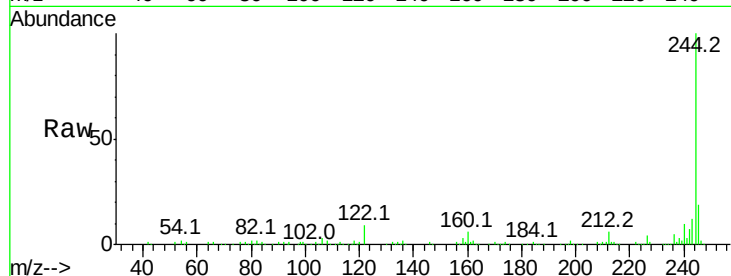
Tot Ion:244 Resp: 208357

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

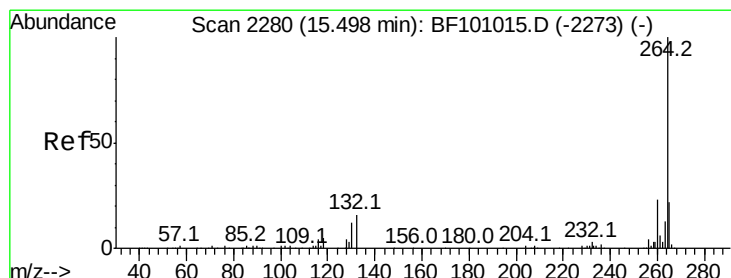
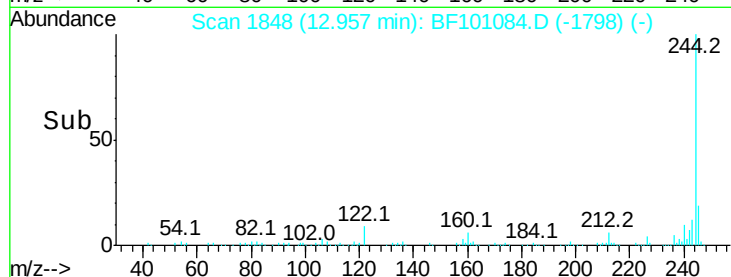
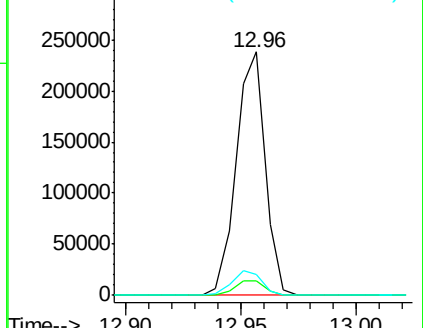
122 8.8 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

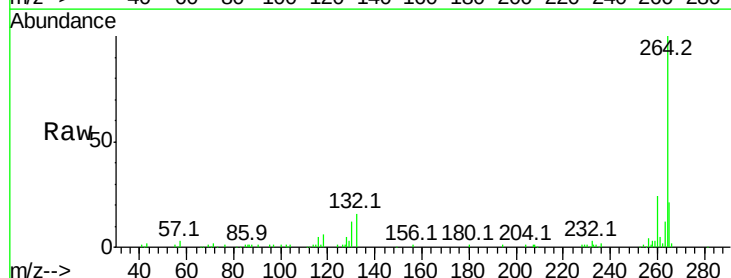
Tgt Ion:264 Resp: 113910

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.8 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

