

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101284.D
 Acq On : 11 Dec 2017 12:54
 Operator : SJ/JU
 Sample : I6746-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 16:37:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

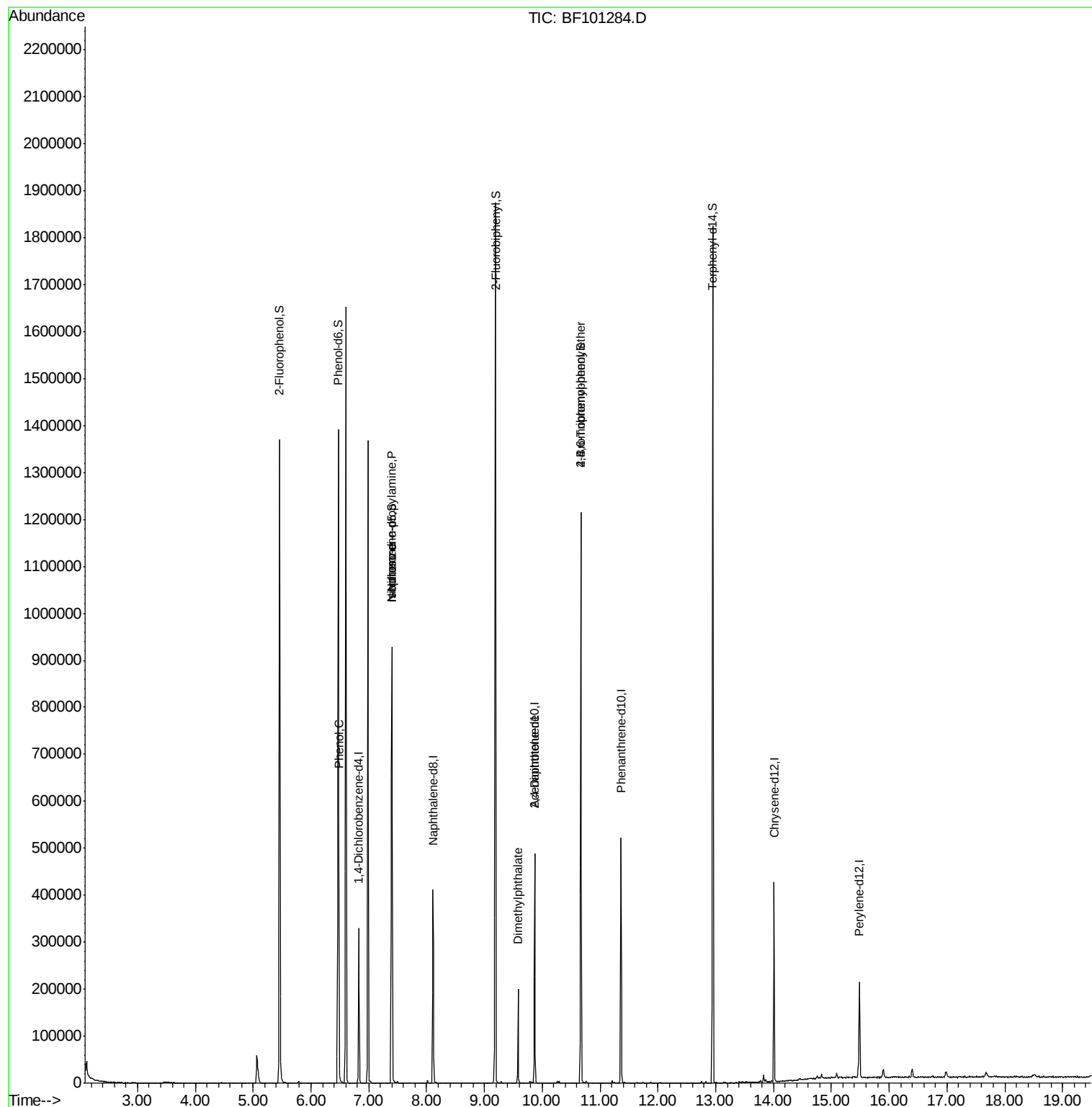
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	46873	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	188455	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	91576	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	183947	20.00	ng	0.00
75) Chrysene-d12	14.01	240	143789	20.00	ng	0.00
86) Perylene-d12	15.49	264	101864	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	434184	153.07	ng	0.02
7) Phenol-d6	6.47	99	527819	153.26	ng	0.01
23) Nitrobenzene-d5	7.40	82	324170	102.61	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	150643	136.94	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	680018	101.60	ng	0.00
78) Terphenyl-d14	12.95	244	698431	106.24	ng	0.01
Target Compounds						
10) Phenol	6.49	94	16145	4.216	ng	95
19) n-Nitroso-di-n-propylamine	7.40	70	43211	18.631	ng	# 80
25) Isophorone	7.40	82	324166	60.073	ng	# 64
49) Dimethylphthalate	9.58	163	78236	10.593	ng	97
56) 2,4-Dinitrotoluene	9.87	165	11658	5.592	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	9729	4.725	ng	# 1

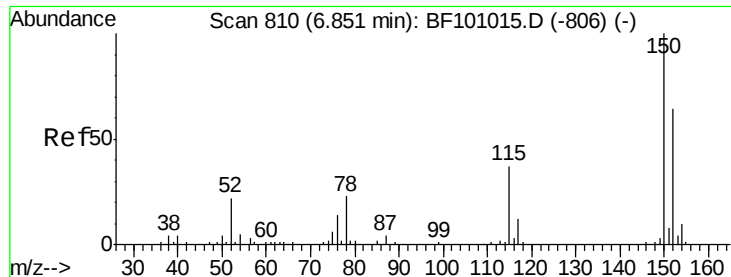
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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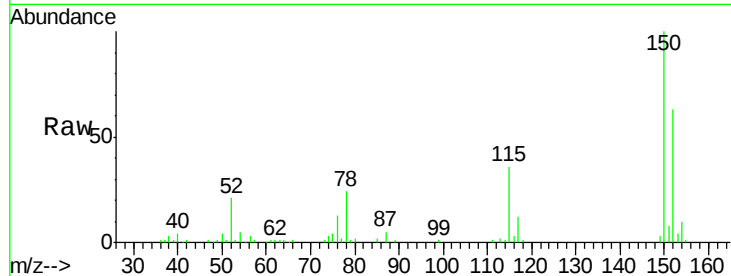


#1

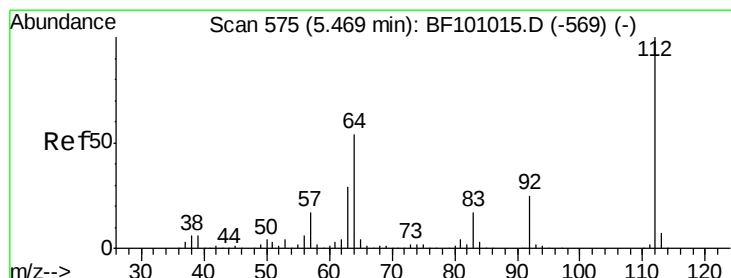
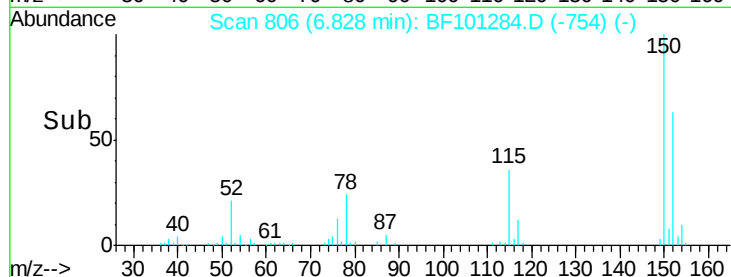
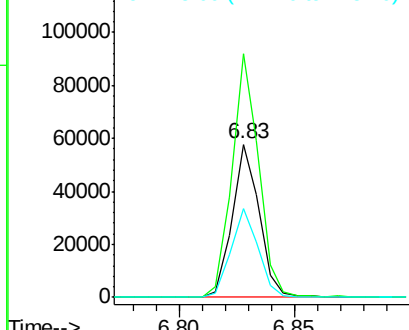
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101284.D
Acq: 11 Dec 2017 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46873
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 58.1 50.1 75.1



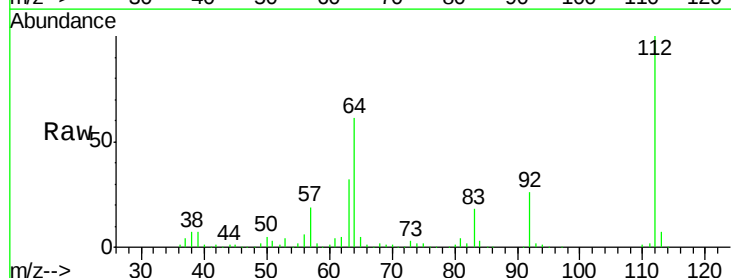
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



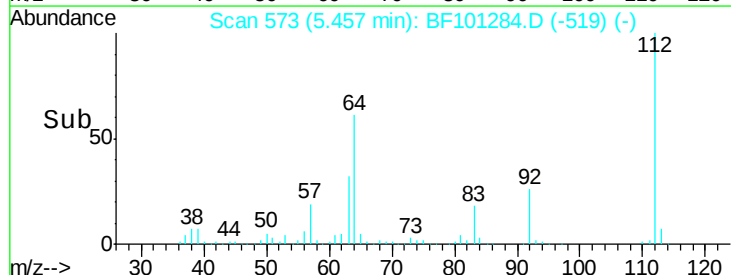
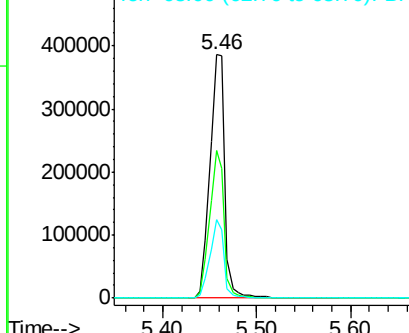
#5

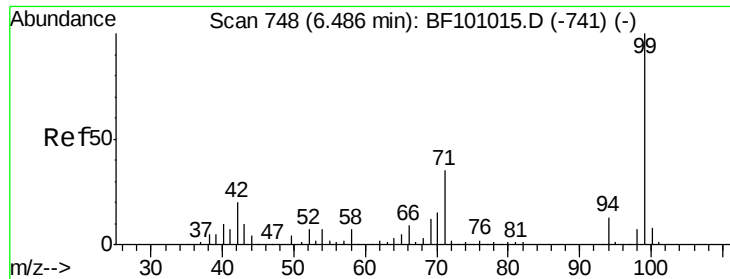
2-Fluorophenol
Concen: 153.066 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101284.D
Acq: 11 Dec 2017 12:54

Tgt Ion:112 Resp: 434184
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 32.1 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: 153.262 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101284.D

Acq: 11 Dec 2017 12:54

Instrument :

BNA_F

ClientSampleId :

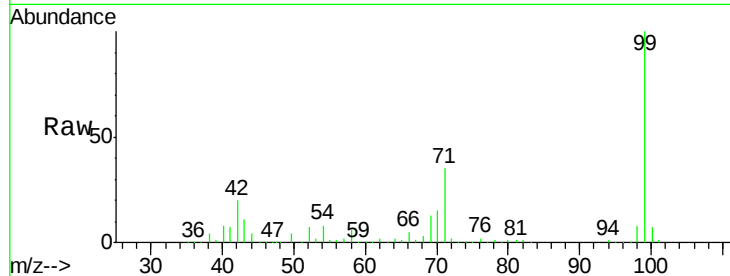
Tot Ion: 99 Resp: 527819

Ion Ratio Lower Upper

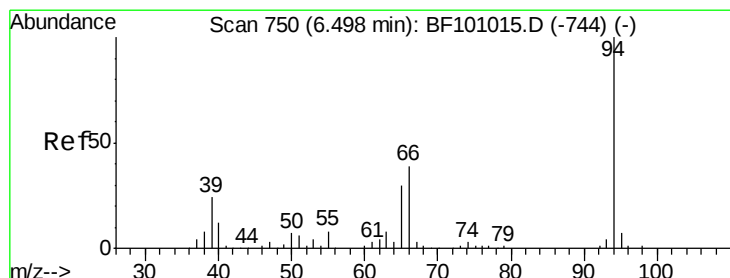
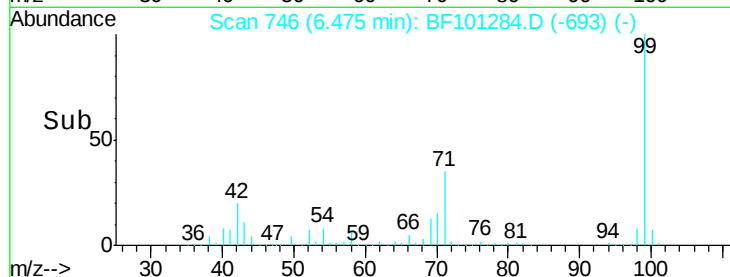
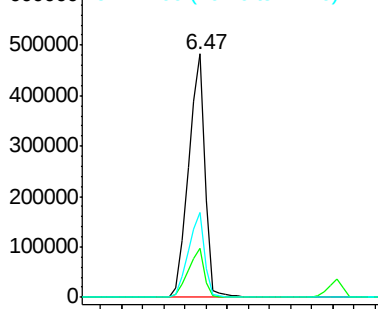
99 100

42 19.9 14.5 21.7

71 35.1 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



#10

Phenol

Concen: 4.216 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101284.D

Acq: 11 Dec 2017 12:54

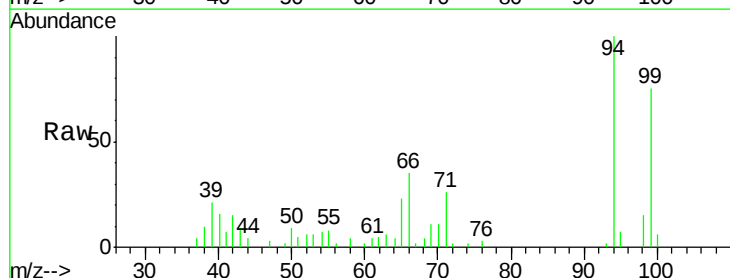
Tgt Ion: 94 Resp: 16145

Ion Ratio Lower Upper

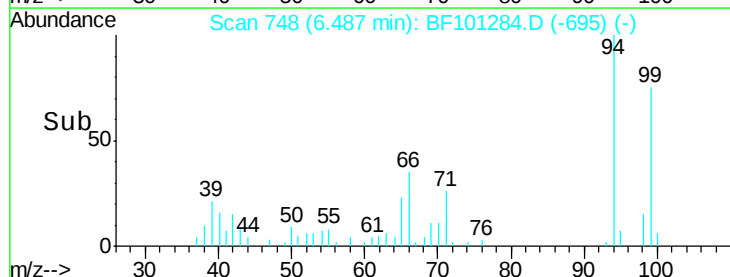
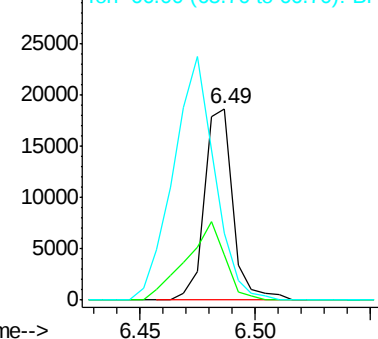
94 100

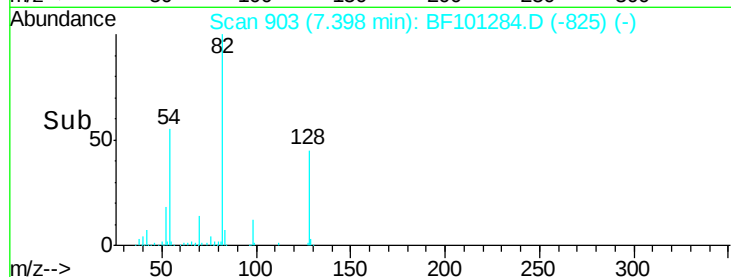
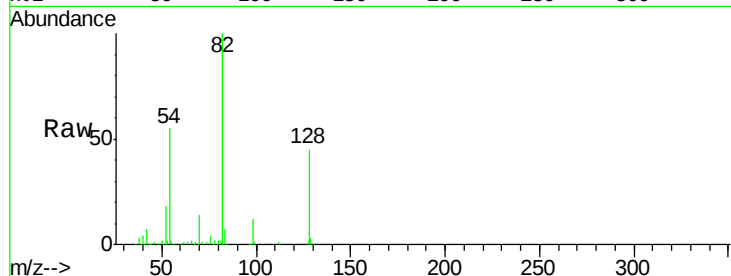
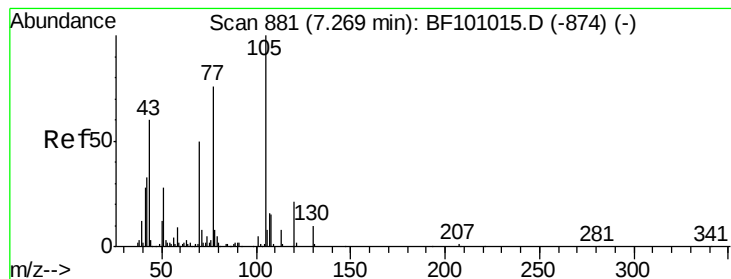
65 23.4 7.9 47.9

66 35.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 18.631 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.16 min

Lab File: BF101284.D

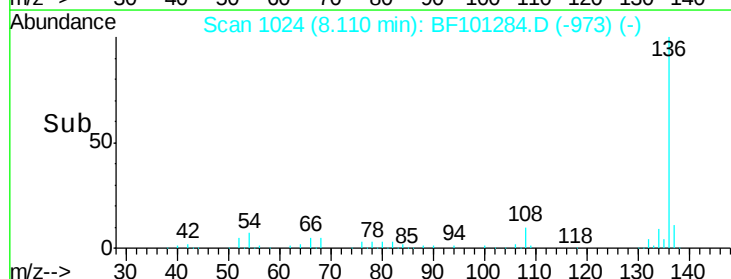
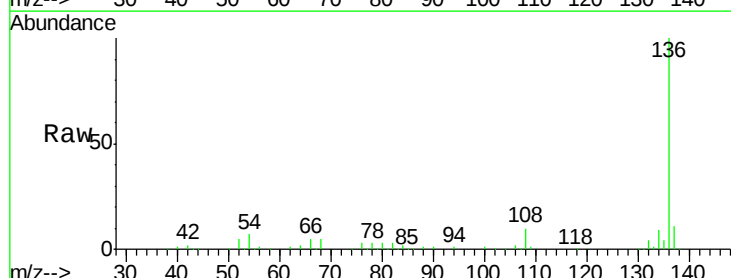
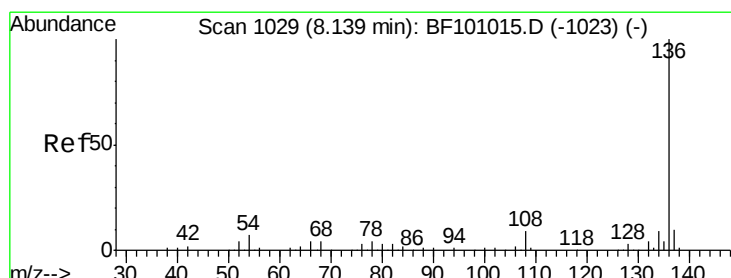
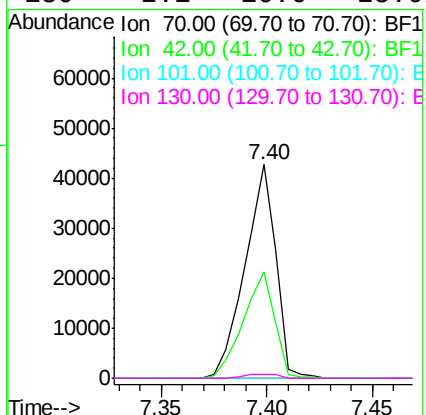
Acq: 11 Dec 2017 12:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	43211
Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

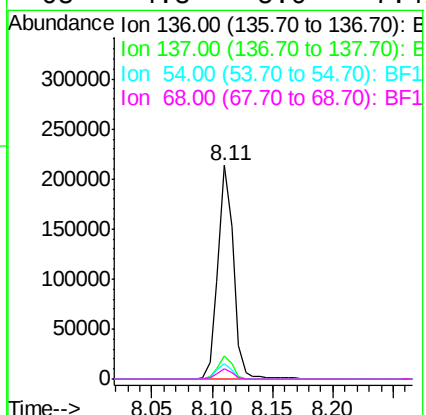
RT: 8.11 min Scan# 1024

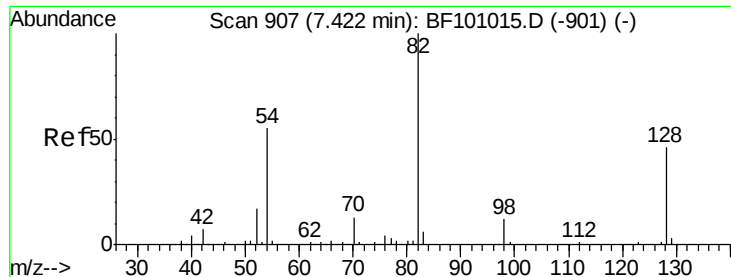
Delta R.T. 0.00 min

Lab File: BF101284.D

Acq: 11 Dec 2017 12:54

Tgt Ion:	136	Resp:	188455
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	4.8	5.0	7.4#

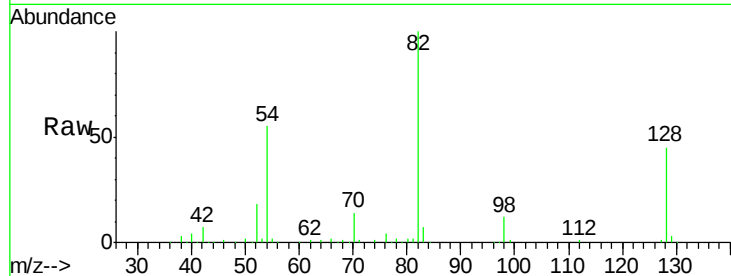




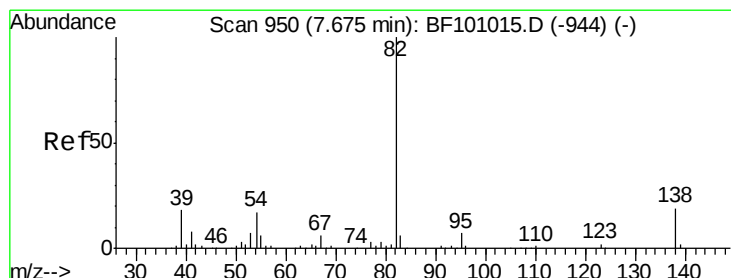
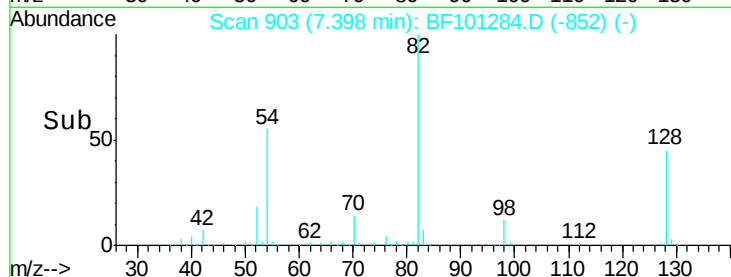
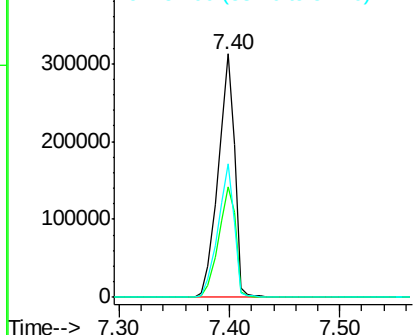
#23
Nitrobenzene-d5
Concen: 102.612 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101284.D
Acq: 11 Dec 2017 12:54

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 324170
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 55.0 41.4 62.2

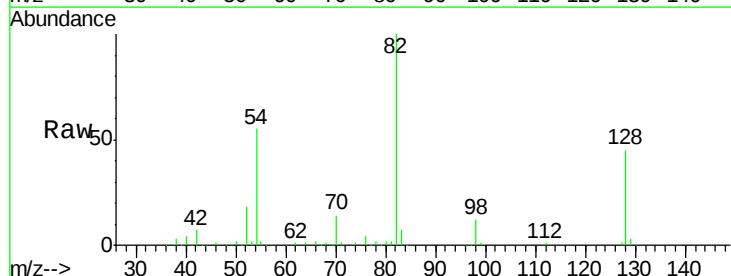


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

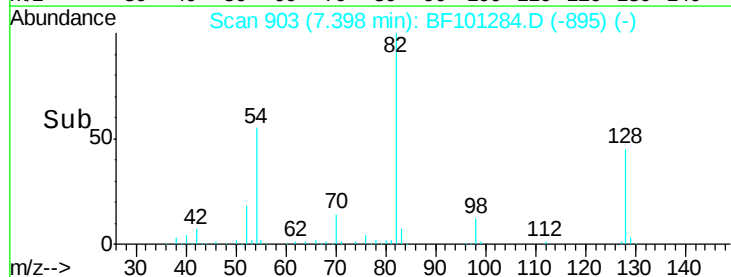
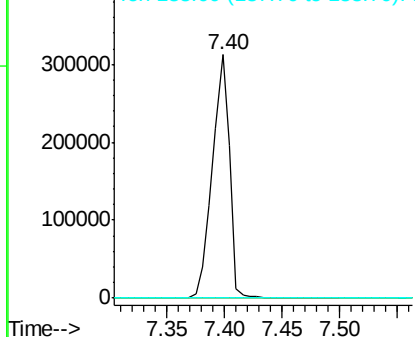


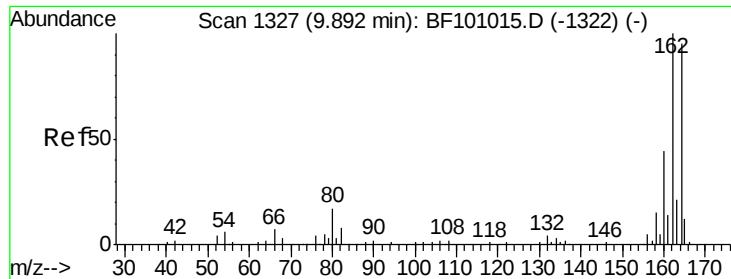
#25
Isophorone
Concen: 60.073 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.25 min
Lab File: BF101284.D
Acq: 11 Dec 2017 12:54

Tgt Ion: 82 Resp: 324166
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: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101284.D

Acq: 11 Dec 2017 12:54

Instrument :

BNA_F

ClientSampleId :

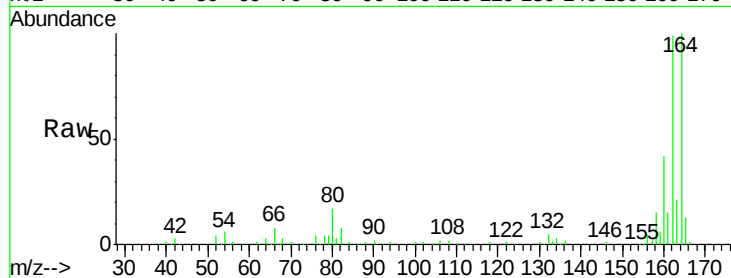
Tot Ion:164 Resp: 91576

Ion Ratio Lower Upper

164 100

162 99.4 86.1 129.1

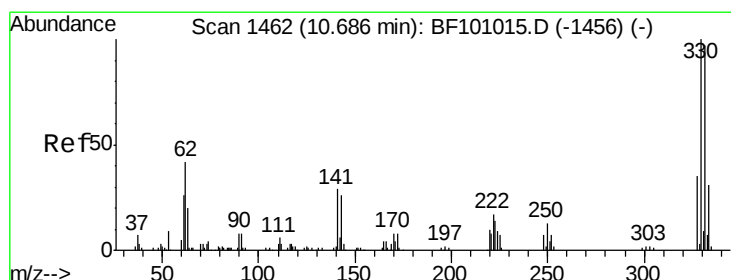
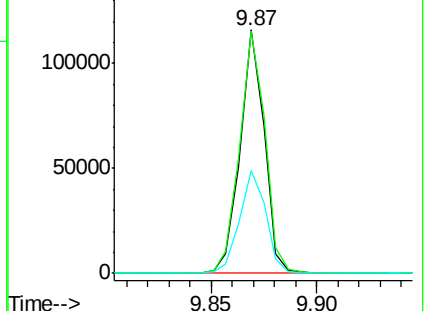
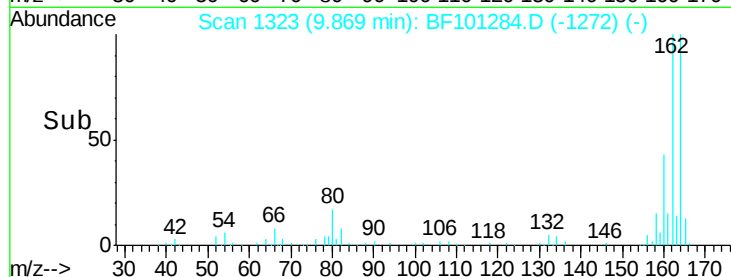
160 42.4 38.3 57.5



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: 136.937 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BF101284.D

Acq: 11 Dec 2017 12:54

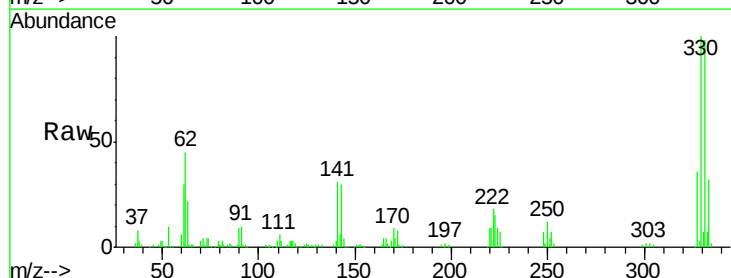
Tgt Ion:330 Resp: 150643

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

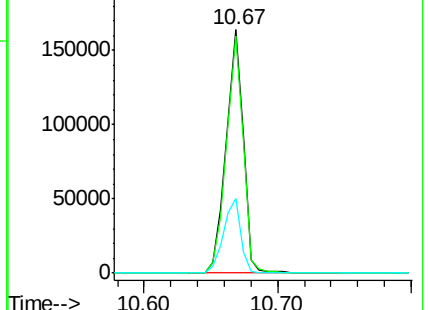
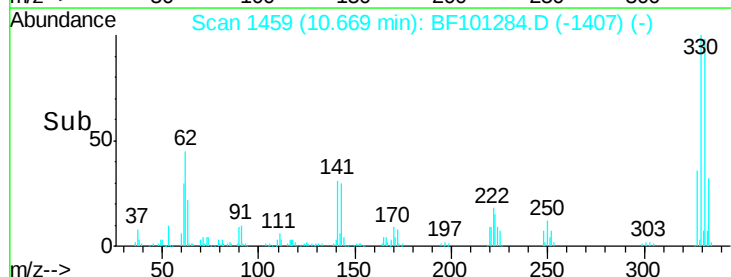
141 30.8 29.9 44.9

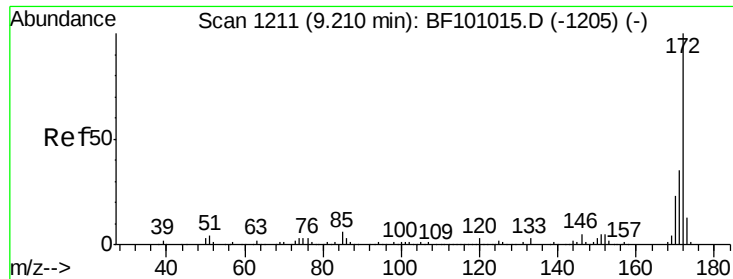


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

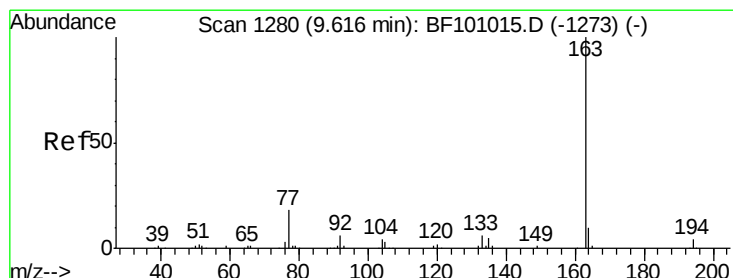
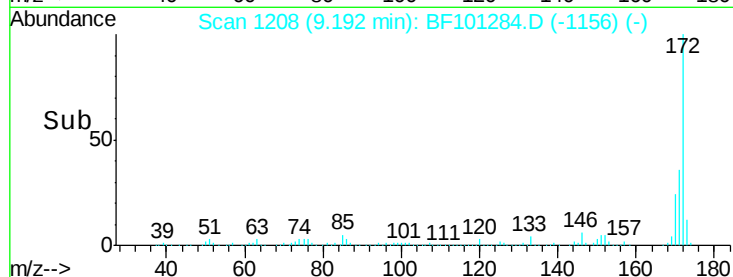
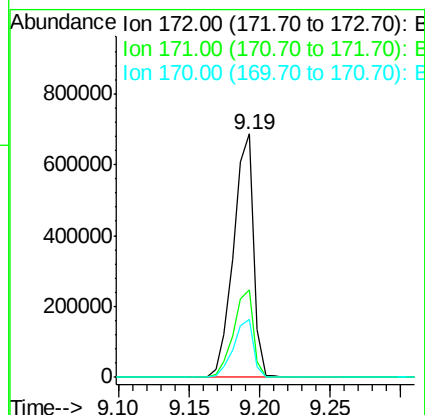
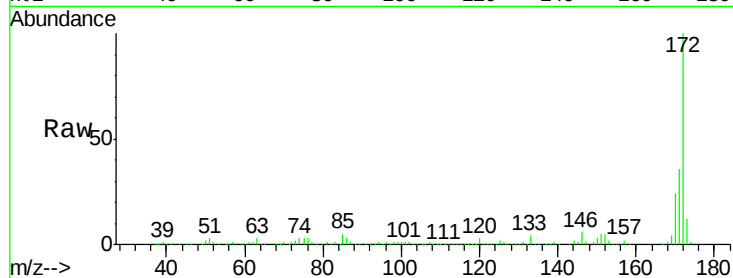




#44
2-Fluorobiphenyl
Concen: 101.599 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF101284.D
Acq: 11 Dec 2017 12:54

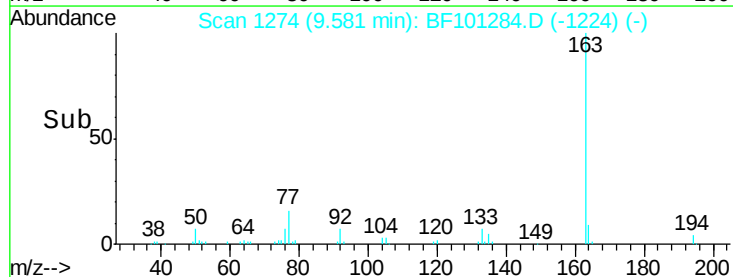
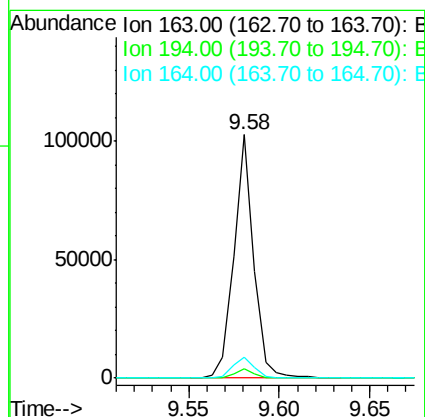
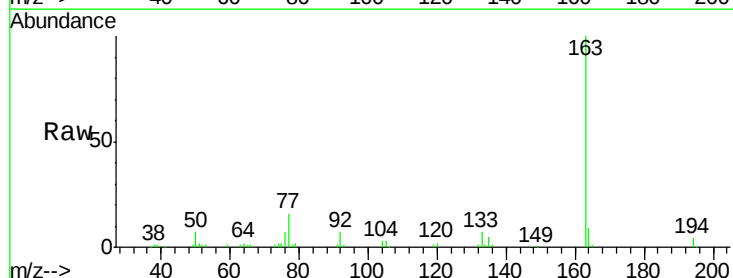
Instrument :
BNA_F
ClientSampleId :

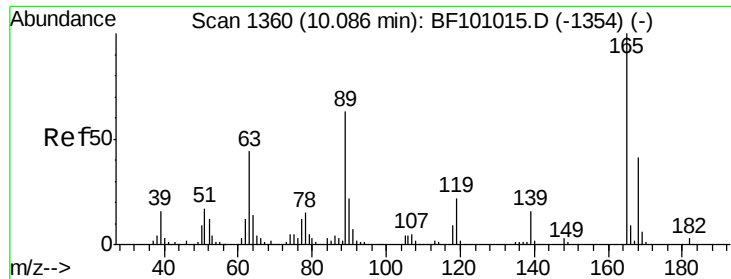
Tot Ion:172 Resp: 680018
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 10.593 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101284.D
Acq: 11 Dec 2017 12:54

Tgt Ion:163 Resp: 78236
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 8.8 8.2 12.2





#56

2,4-Dinitrotoluene

Concen: 5.592 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.19 min

Lab File: BF101284.D

Acq: 11 Dec 2017 12:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 11658

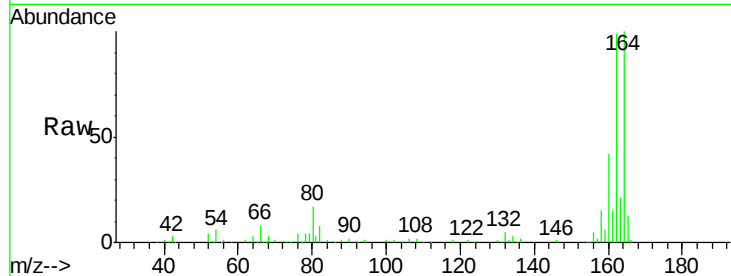
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

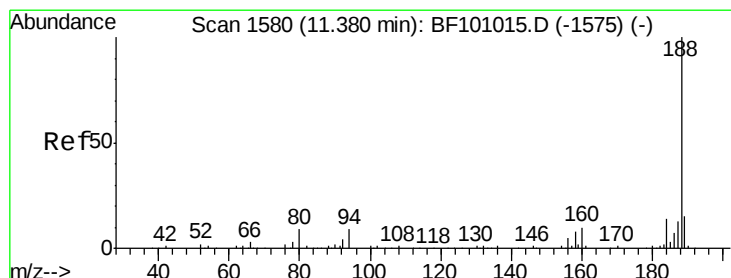
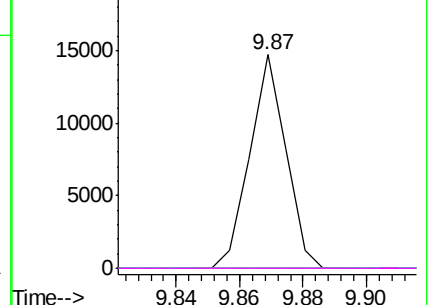
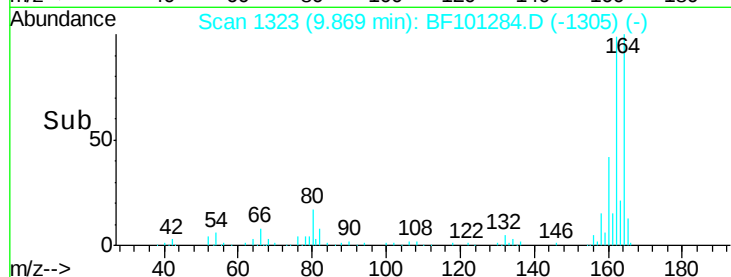


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF101284.D

Acq: 11 Dec 2017 12:54

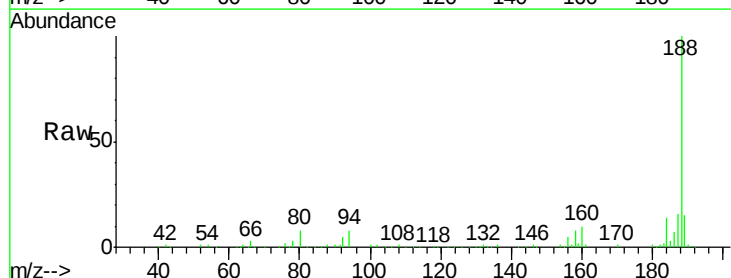
Tgt Ion:188 Resp: 183947

Ion Ratio Lower Upper

188 100

94 7.5 8.5 12.7#

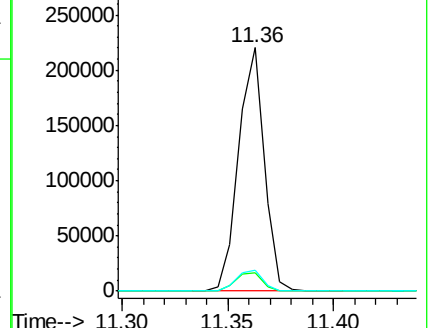
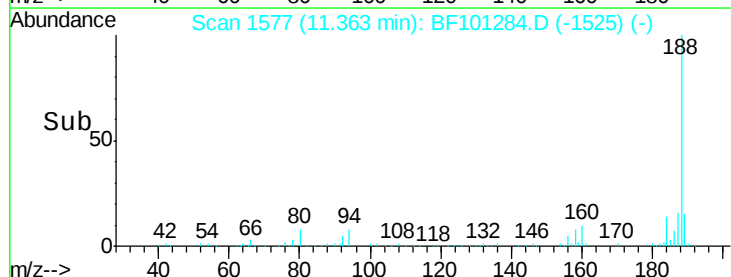
80 8.4 9.2 13.8#

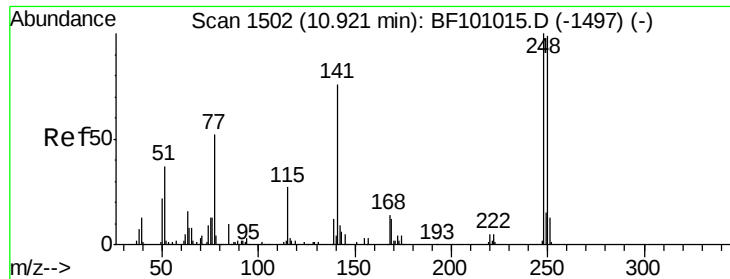


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

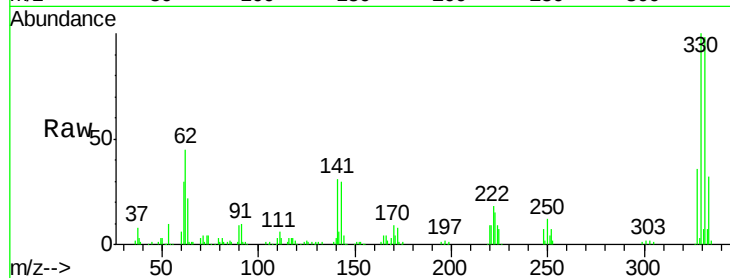




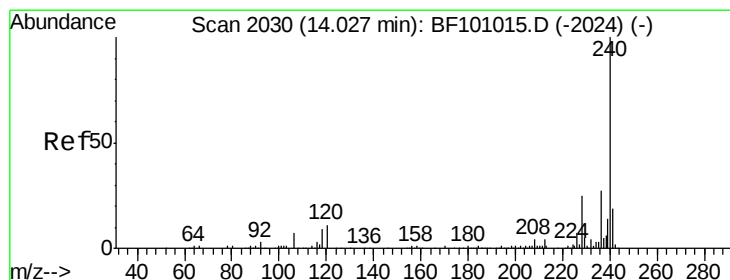
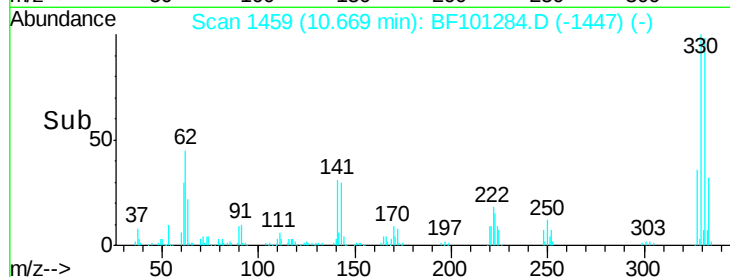
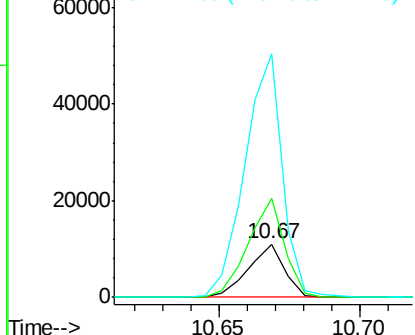
#66
4-Bromophenyl-phenylether
Concen: 4.725 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.23 min
Lab File: BF101284.D
Acq: 11 Dec 2017 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9729
Ion Ratio Lower Upper
248 100
250 185.8 76.9 115.3#
141 458.1 74.4 111.6#

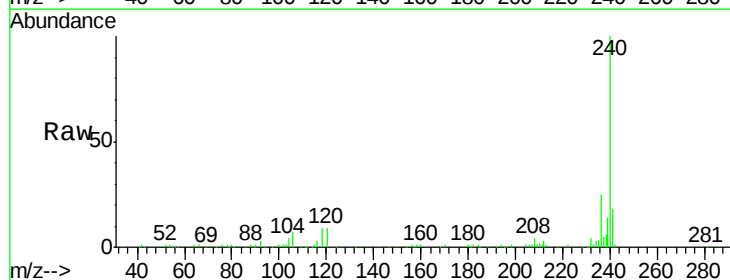


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

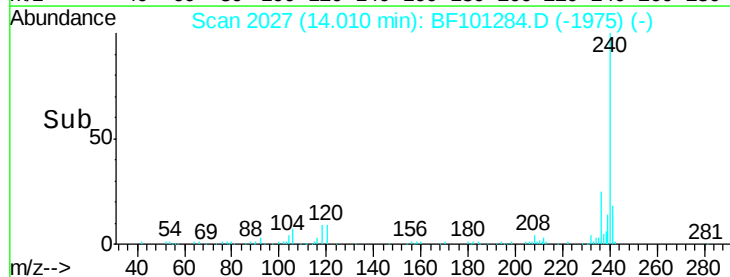
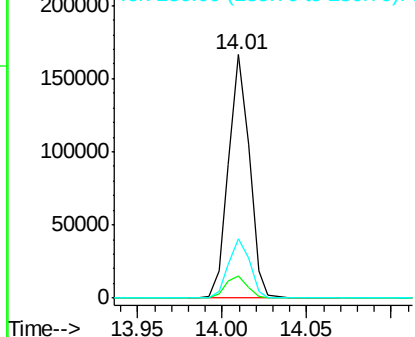


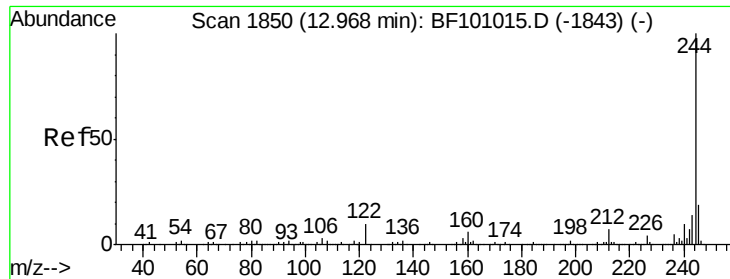
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101284.D
Acq: 11 Dec 2017 12:54

Tgt Ion:240 Resp: 143789
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 24.5 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

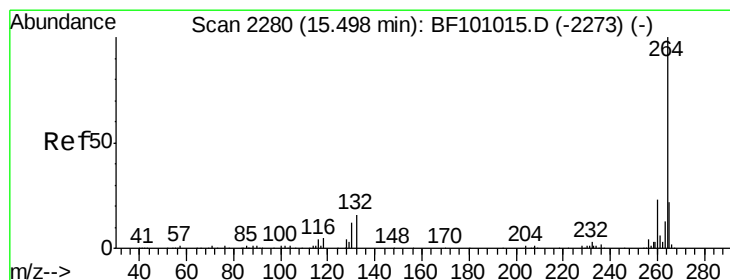
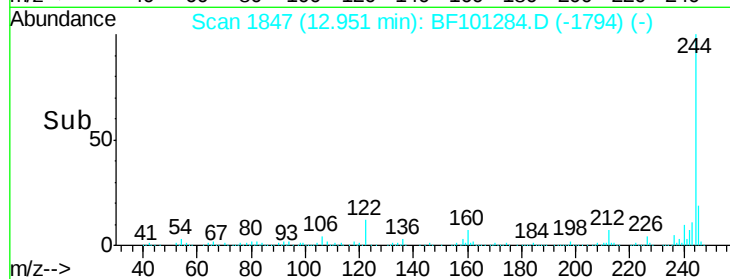
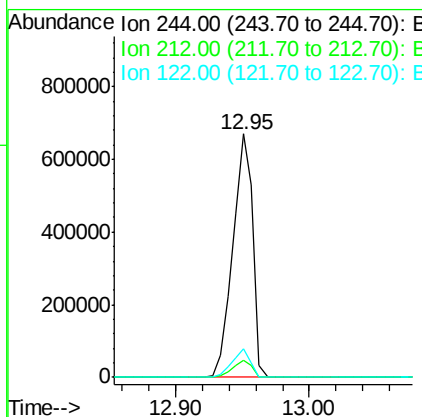
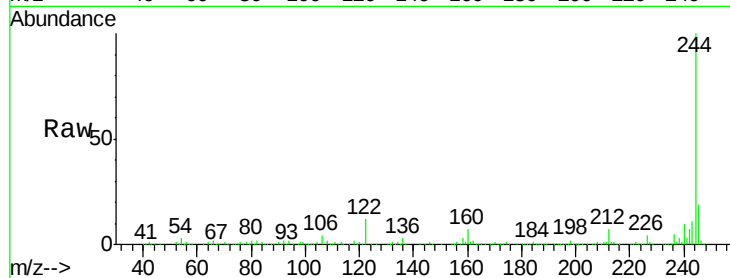




#78
 Terphenyl-d14
 Concen: 106.243 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BF101284.D
 Acq: 11 Dec 2017 12:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 698431
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.02 min
 Lab File: BF101284.D
 Acq: 11 Dec 2017 12:54

Tgt Ion:264 Resp: 101864
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.1 17.5 26.3

