

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101282.D
 Acq On : 11 Dec 2017 12:01
 Operator : SJ/JU
 Sample : I6746-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 12:46:29 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

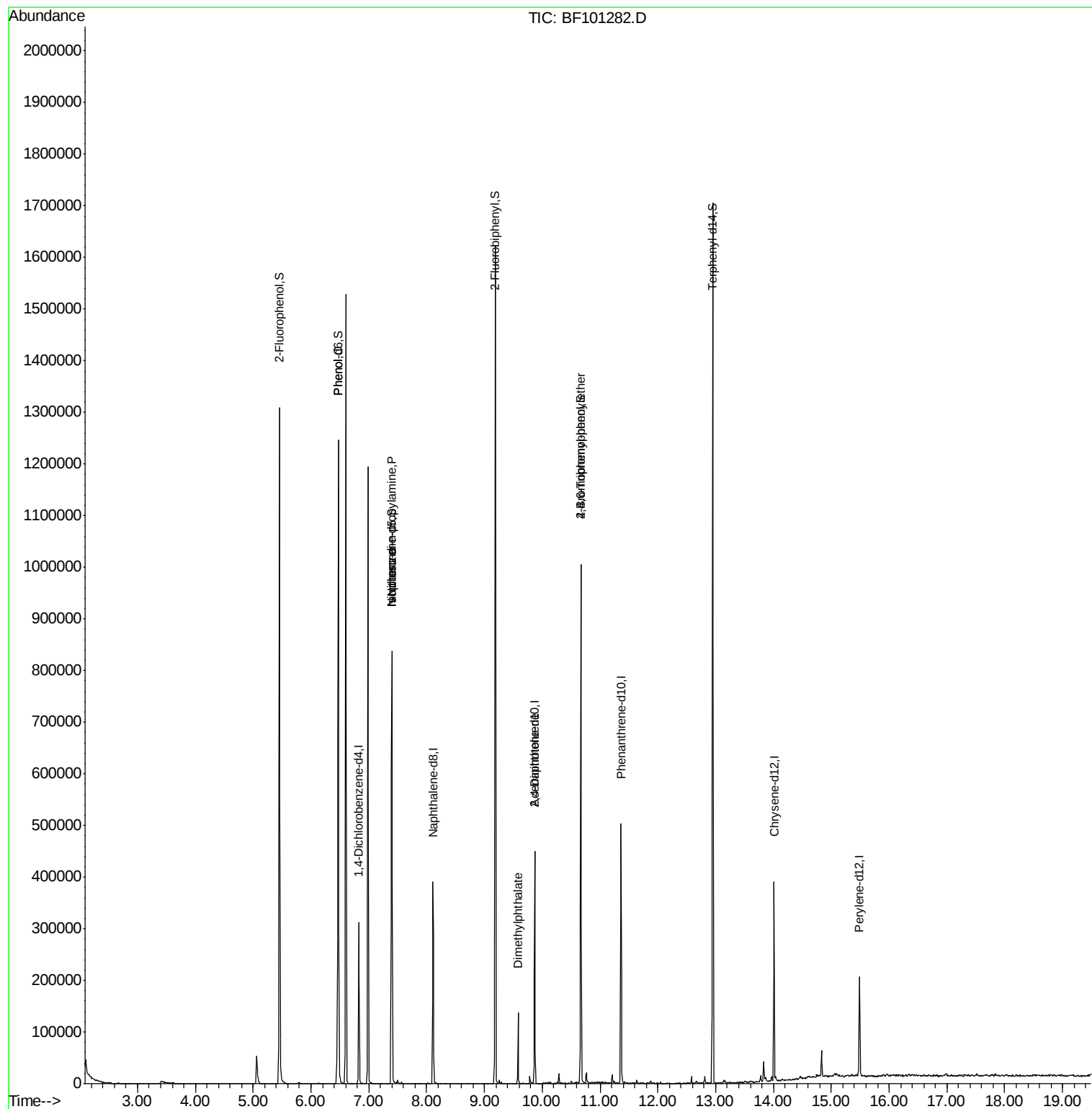
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44422	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	174210	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	85639	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	170833	20.00	ng	0.00
75) Chrysene-d12	14.01	240	130078	20.00	ng	0.00
86) Perylene-d12	15.49	264	91247	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	366379	136.29	ng	0.02
7) Phenol-d6	6.47	99	450620	138.07	ng	0.01
23) Nitrobenzene-d5	7.40	82	278346	95.31	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	124546	121.06	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	579112	92.52	ng	0.00
78) Terphenyl-d14	12.95	244	595809	100.19	ng	0.01
Target Compounds						
10) Phenol	6.48	94	17574	4.842	ng	81
19) n-Nitroso-di-n-propylamine	7.40	70	37204	16.926	ng	# 79
25) Isophorone	7.40	82	278342	55.798	ng	# 64
49) Dimethylphthalate	9.58	163	52086	7.541	ng	100
56) 2,4-Dinitrotoluene	9.87	165	11322	5.808	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	8073	4.222	ng	# 1

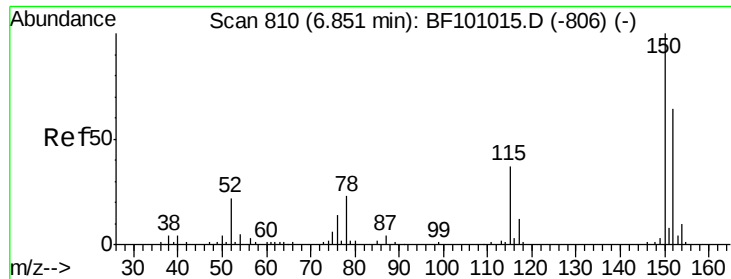
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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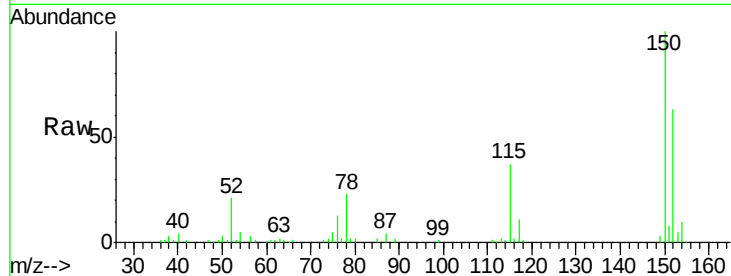




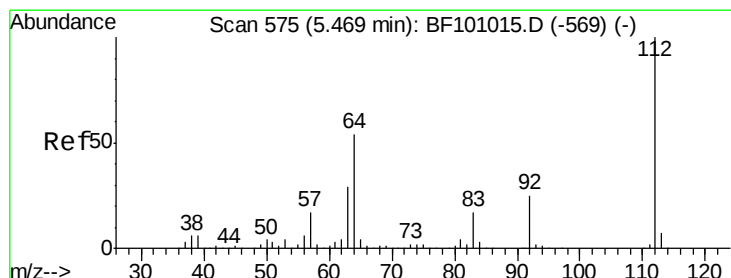
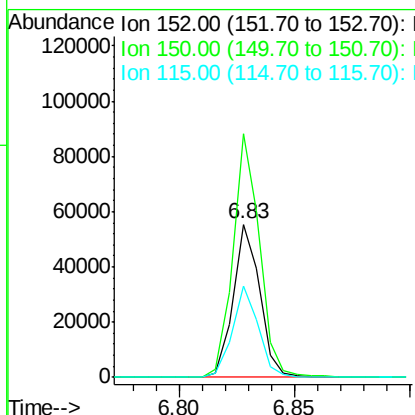
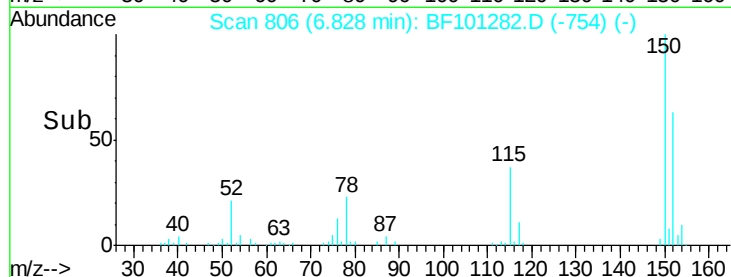
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF101282.D
 Acq: 11 Dec 2017 12:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 44422
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.6 186.8
 115 59.7 50.1 75.1

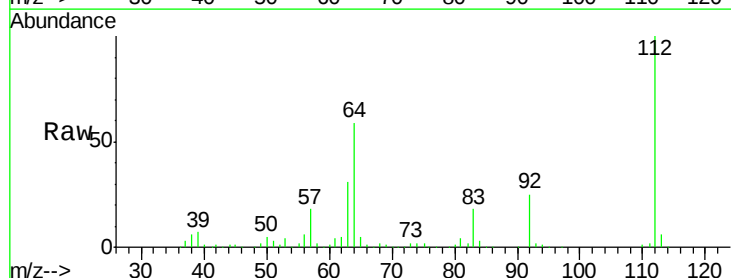


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

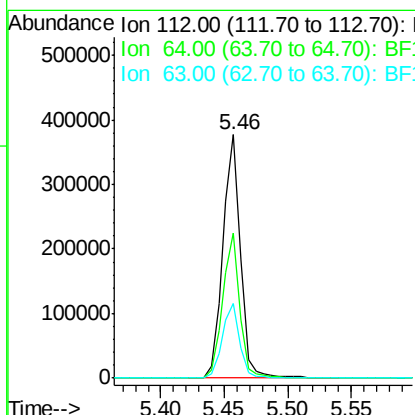
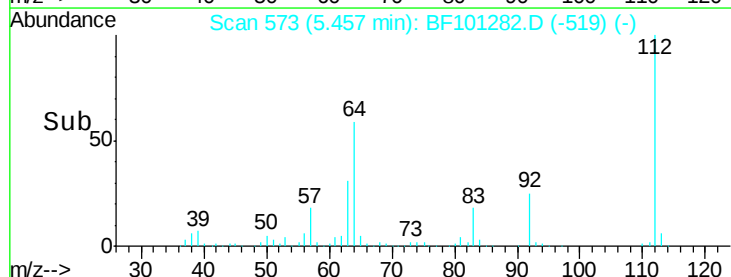


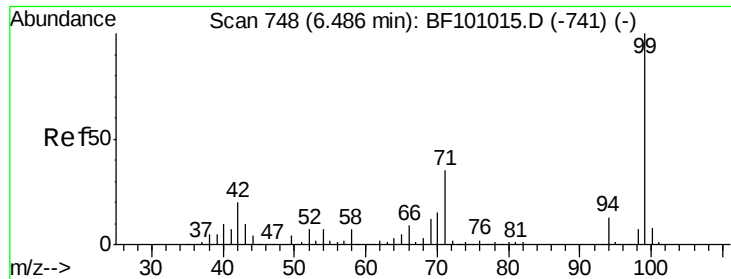
#5
 2-Fluorophenol
 Concen: 136.289 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF101282.D
 Acq: 11 Dec 2017 12:01

Tgt Ion:112 Resp: 366379
 Ion Ratio Lower Upper
 112 100
 64 59.4 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: 138.066 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101282.D

Acq: 11 Dec 2017 12:01

Instrument :

BNA_F

ClientSampled :

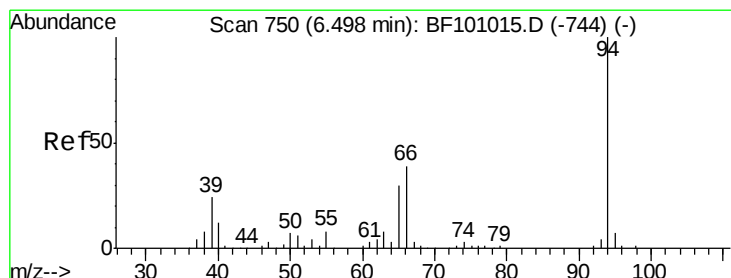
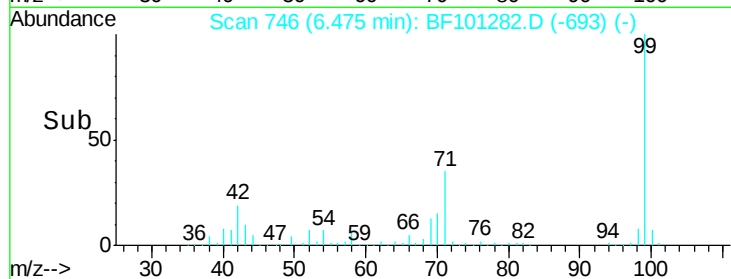
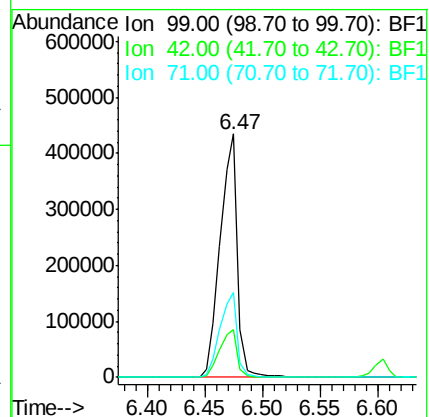
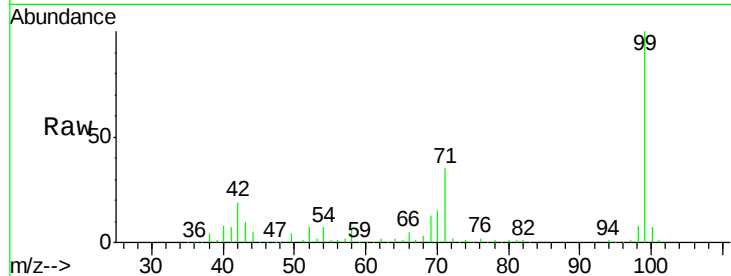
Tot Ion: 99 Resp: 450620

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 34.9 25.4 38.0



#10

Phenol

Concen: 4.842 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101282.D

Acq: 11 Dec 2017 12:01

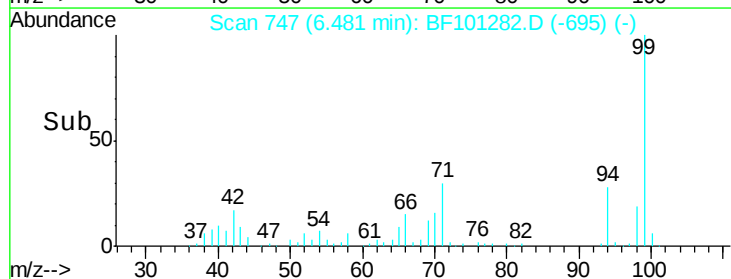
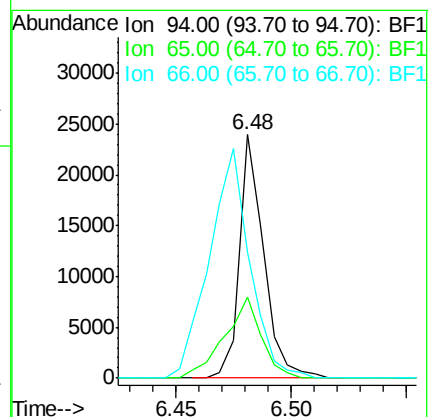
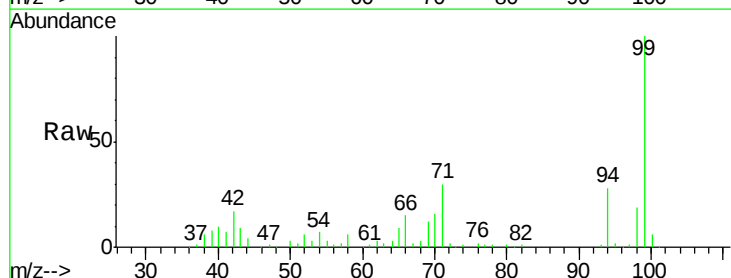
Tgt Ion: 94 Resp: 17574

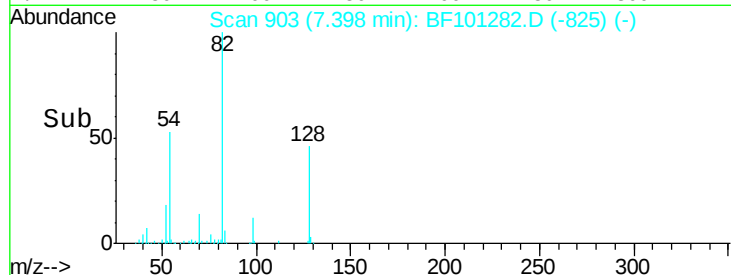
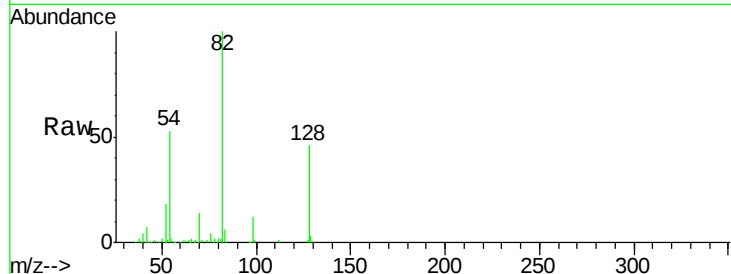
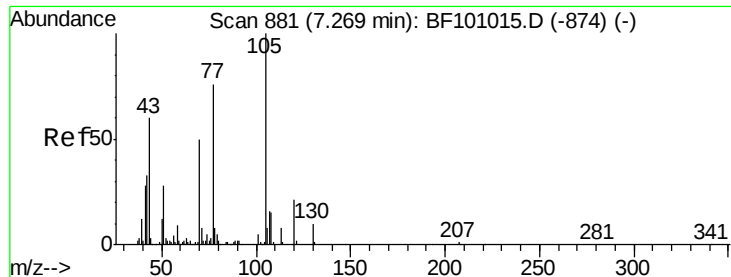
Ion Ratio Lower Upper

94 100

65 33.1 7.9 47.9

66 51.6 16.2 56.2

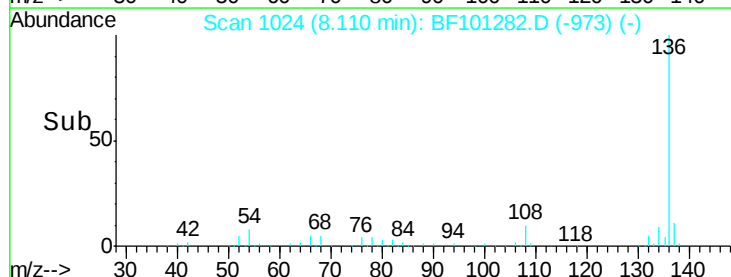
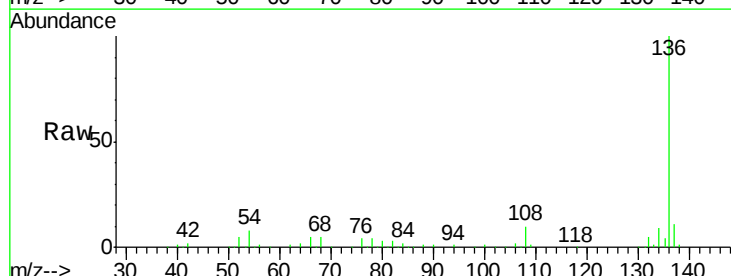
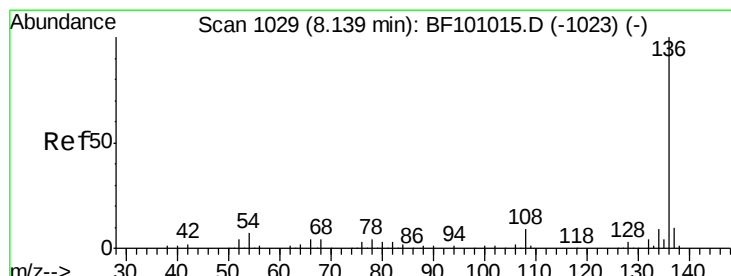
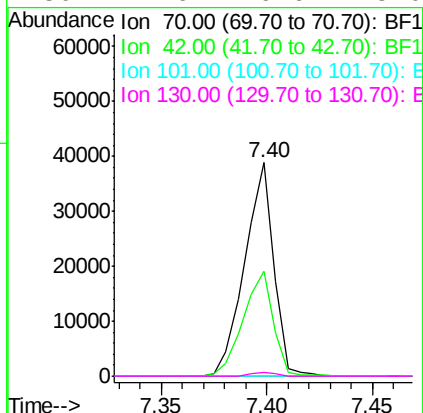




#19
n-Nitroso-di-n-propylamine
Concen: 16.926 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.16 min
Lab File: BF101282.D
Acq: 11 Dec 2017 12:01

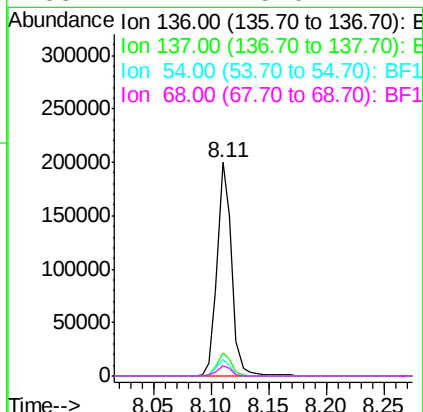
Instrument :
BNA_F
ClientSampleId :

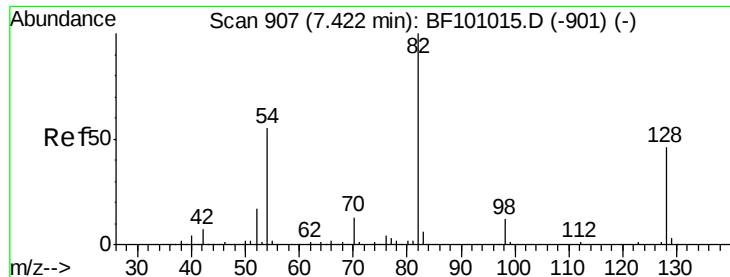
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.5	71.3
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101282.D
Acq: 11 Dec 2017 12:01

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	4.7	5.0	7.4#

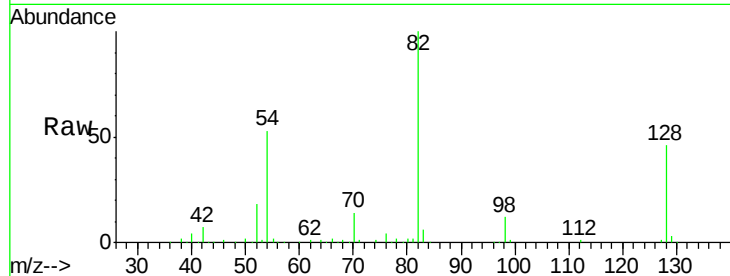




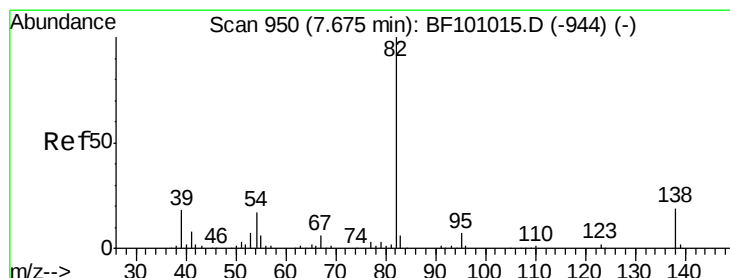
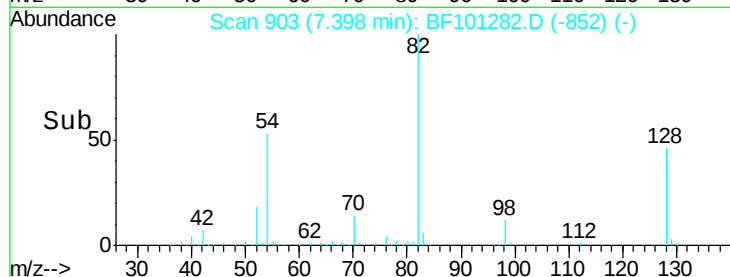
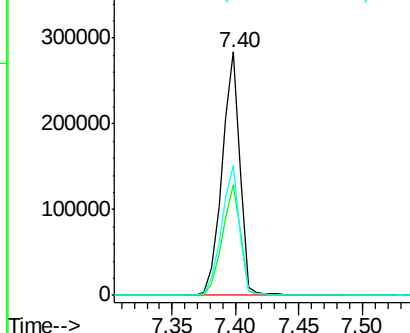
#23
Nitrobenzene-d5
Concen: 95.311 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101282.D
Acq: 11 Dec 2017 12:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	278346
Ion Ratio	100	Lower	Upper
128	45.6	36.1	54.1
54	53.5	41.4	62.2

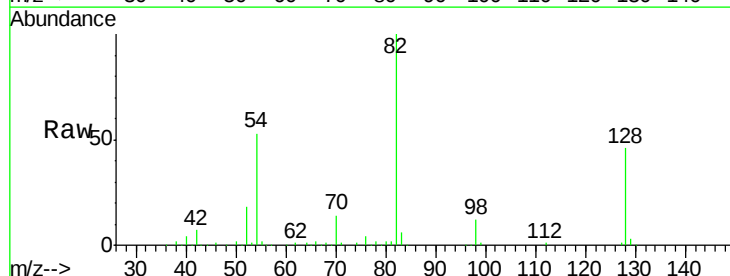


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

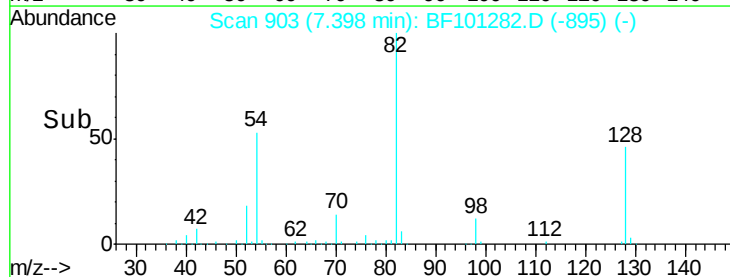
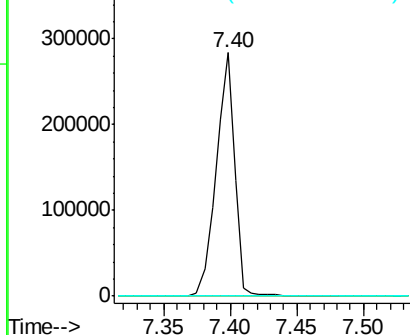


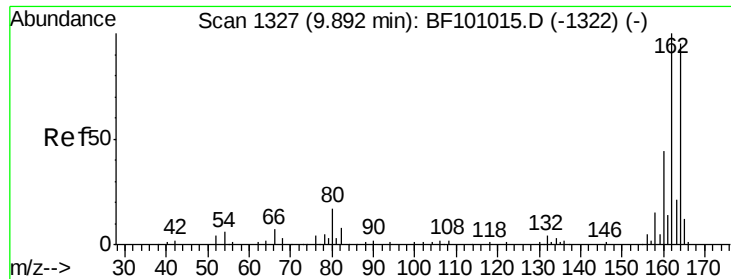
#25
Isophorone
Concen: 55.798 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.25 min
Lab File: BF101282.D
Acq: 11 Dec 2017 12:01

Tgt Ion	82	Resp	278342
Ion Ratio	100	Lower	Upper
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

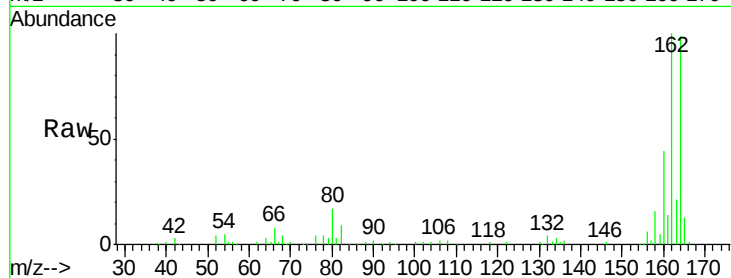




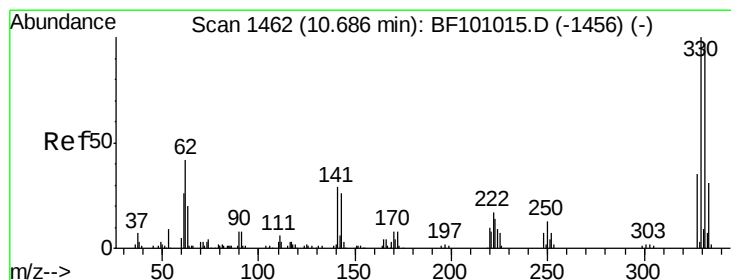
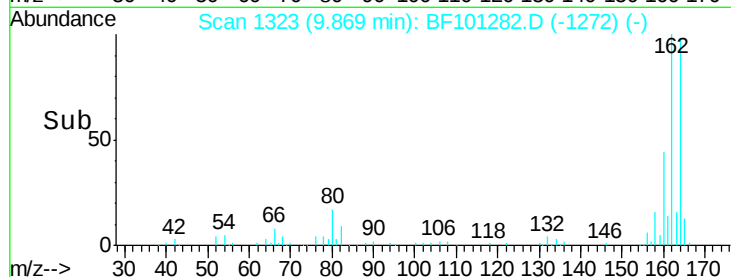
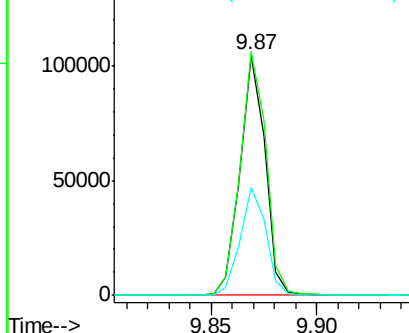
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF101282.D
 Acq: 11 Dec 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 85639
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 44.8 38.3 57.5

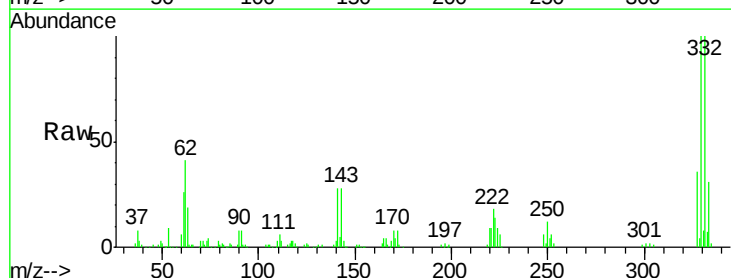


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

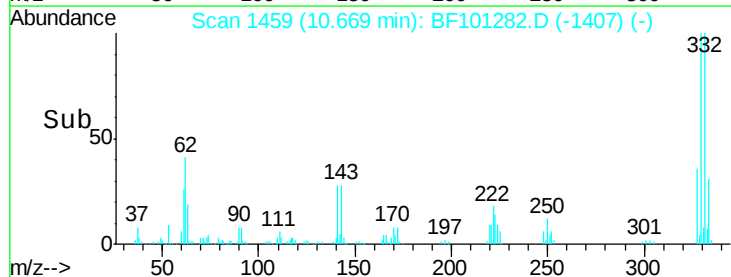
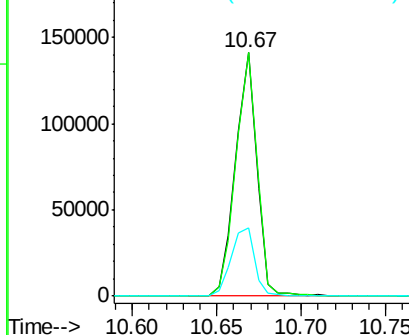


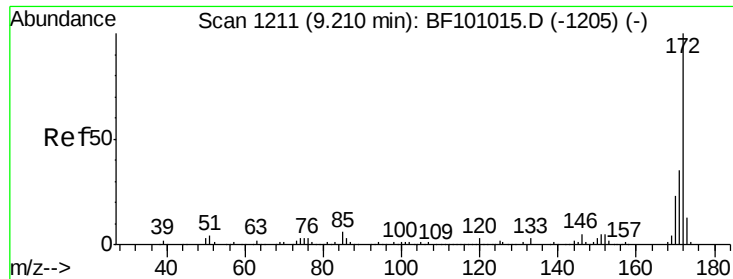
#41
 2,4,6-Tribromophenol
 Concen: 121.063 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101282.D
 Acq: 11 Dec 2017 12:01

Tgt Ion:330 Resp: 124546
 Ion Ratio Lower Upper
 330 100
 332 99.9 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

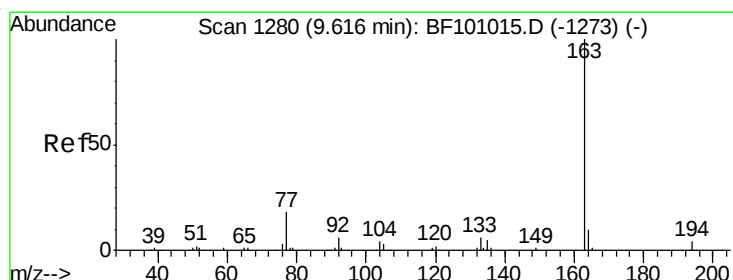
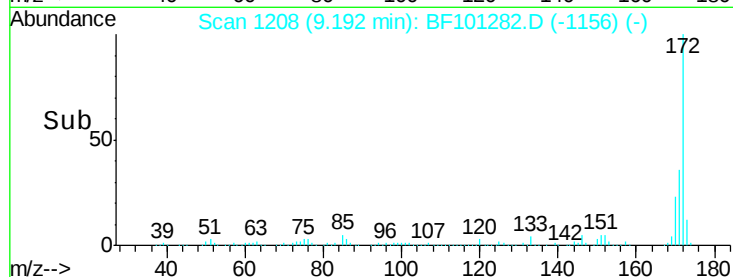
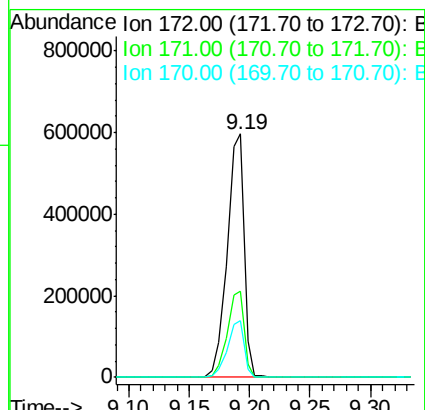
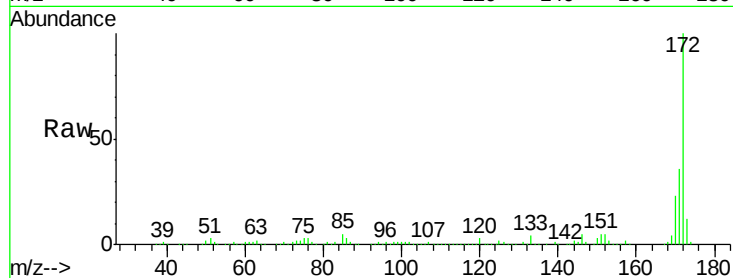




#44
2-Fluorobiphenyl
Concen: 92.521 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF101282.D
Acq: 11 Dec 2017 12:01

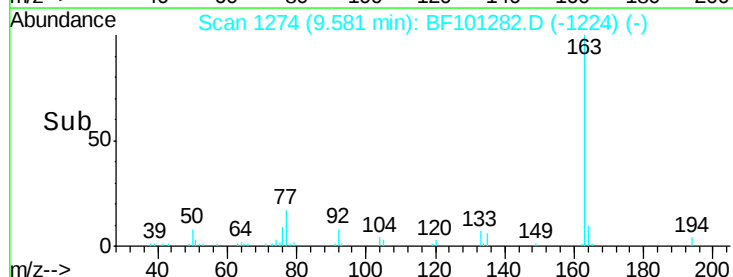
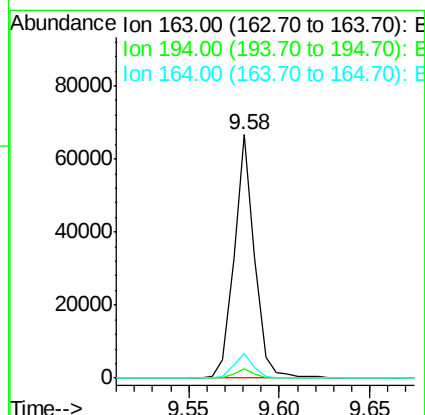
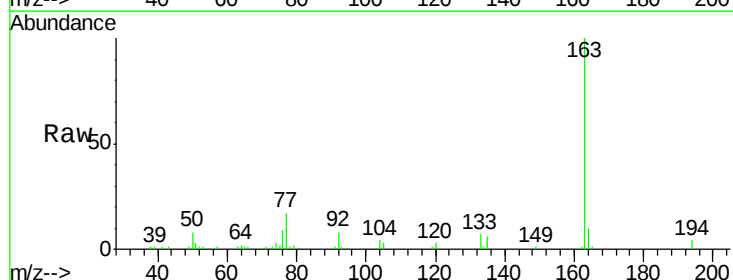
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BNA_F
ClientSampleId :

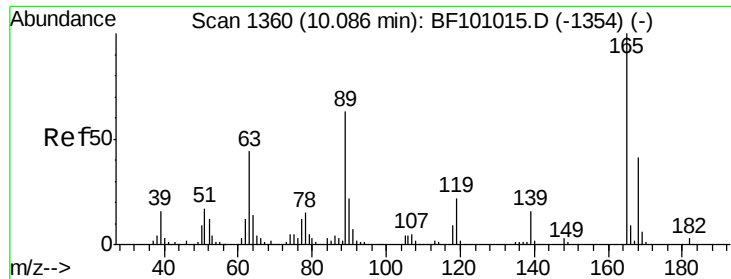
Tot Ion:172 Resp: 579112
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.1 19.6 29.4



#49
Dimethylphthalate
Concen: 7.541 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101282.D
Acq: 11 Dec 2017 12:01

Tgt Ion:163 Resp: 52086
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

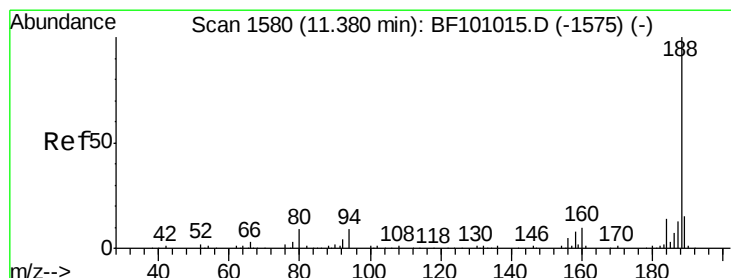
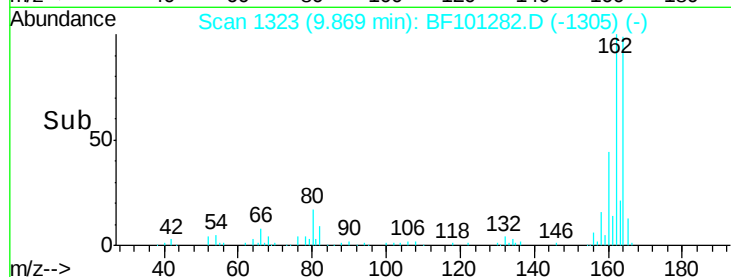
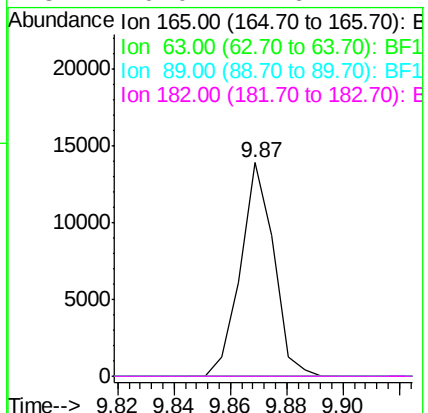
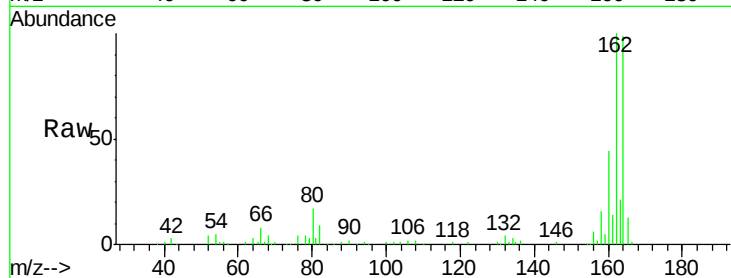




#56
 2,4-Dinitrotoluene
 Concen: 5.808 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.19 min
 Lab File: BF101282.D
 Acq: 11 Dec 2017 12:01

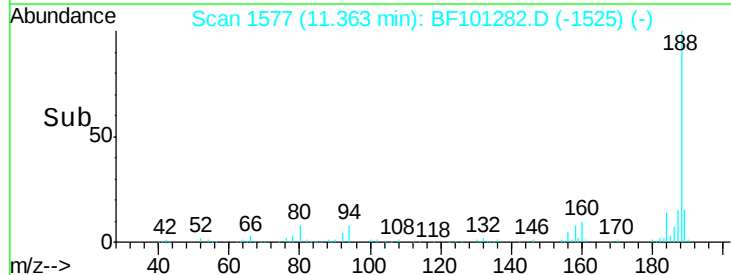
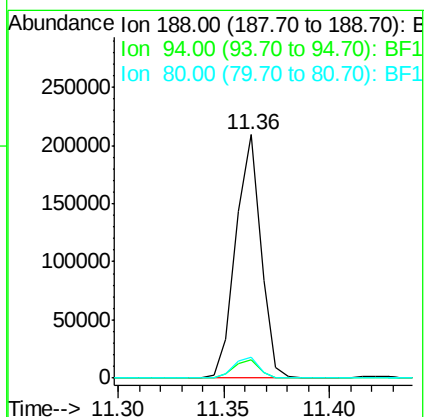
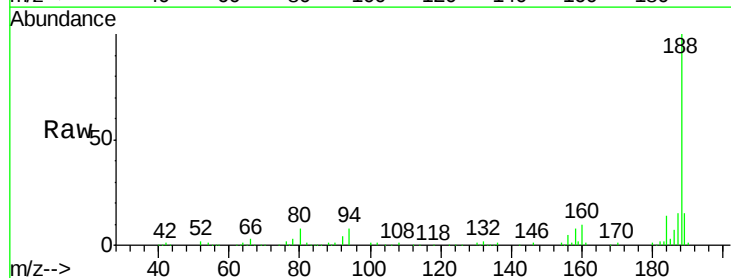
Instrument :
 BNA_F
 ClientSampleId :

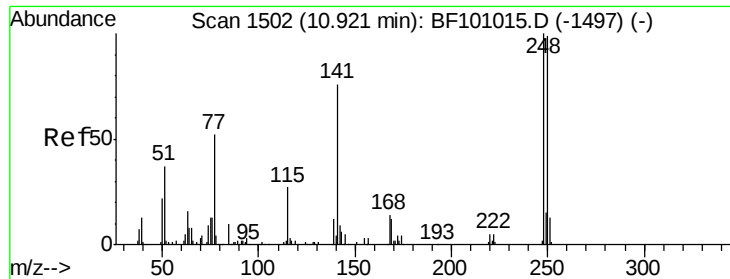
Tot Ion:	165	Resp:	11322
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF101282.D
 Acq: 11 Dec 2017 12:01

Tgt Ion:	188	Resp:	170833
Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.4	9.2	13.8#

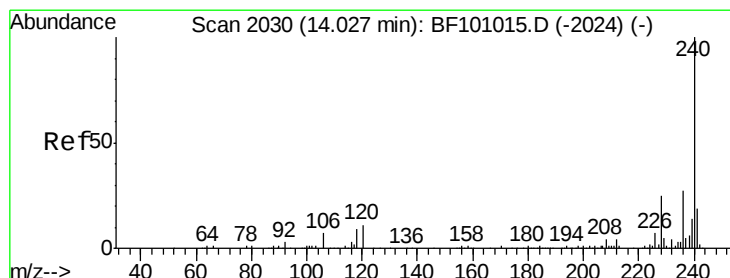
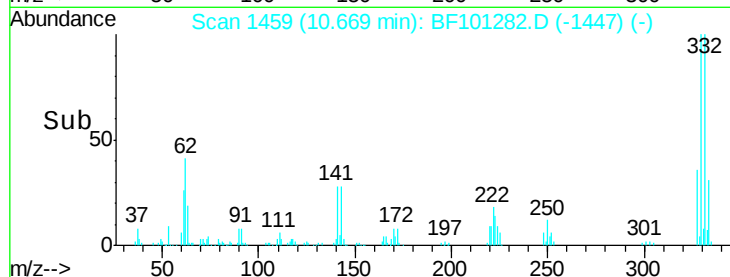
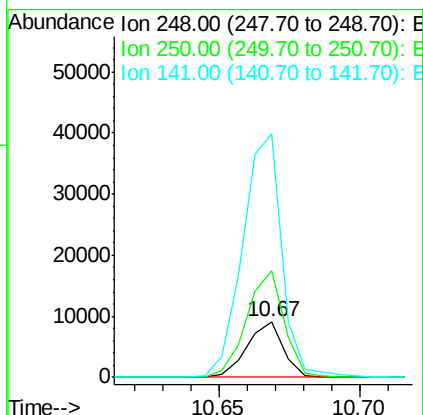
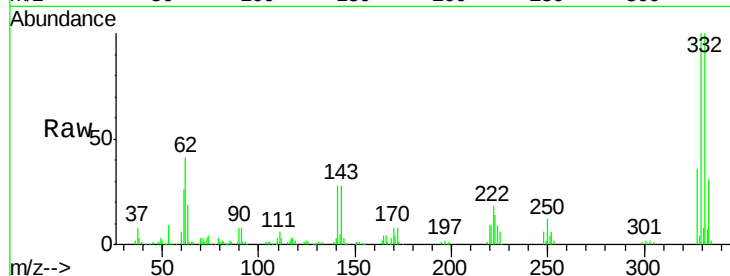




#66
4-Bromophenyl-phenylether
Concen: 4.222 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.23 min
Lab File: BF101282.D
Acq: 11 Dec 2017 12:01

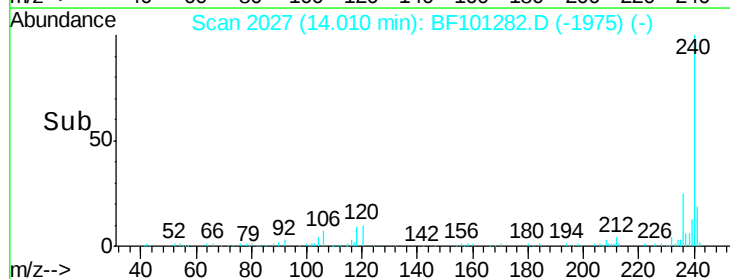
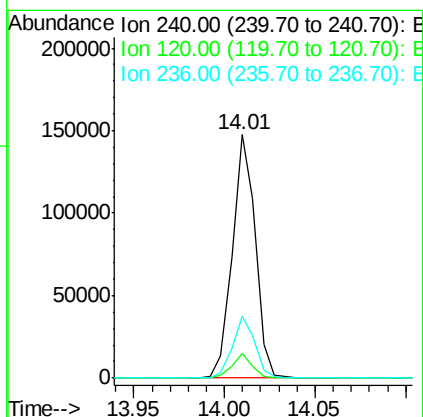
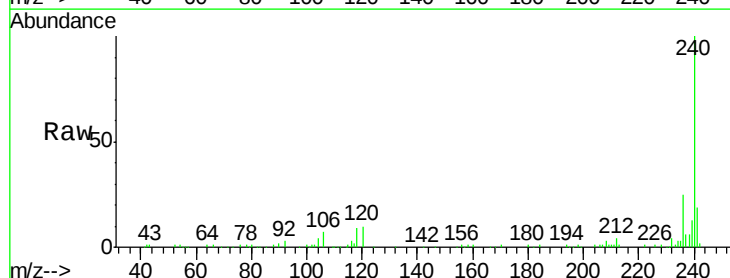
Instrument :
BNA_F
ClientSampled :

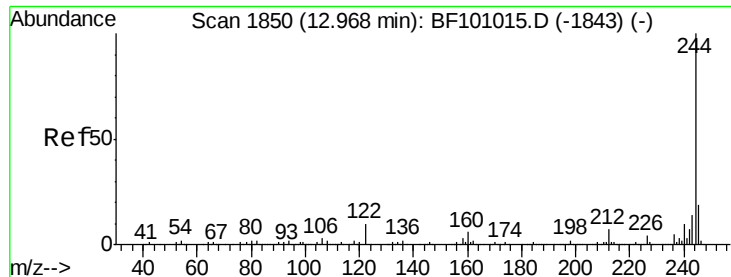
Tot Ion:248 Resp: 8073
Ion Ratio Lower Upper
248 100
250 191.1 76.9 115.3#
141 437.6 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101282.D
Acq: 11 Dec 2017 12:01

Tgt Ion:240 Resp: 130078
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 25.3 20.7 31.1

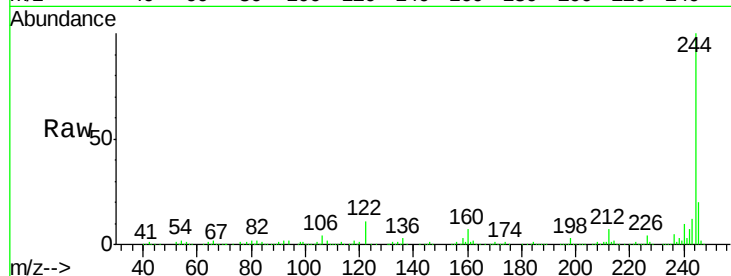




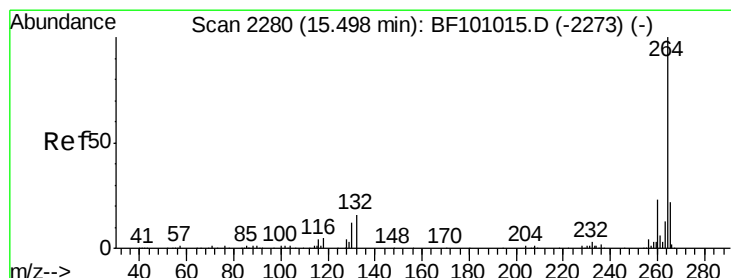
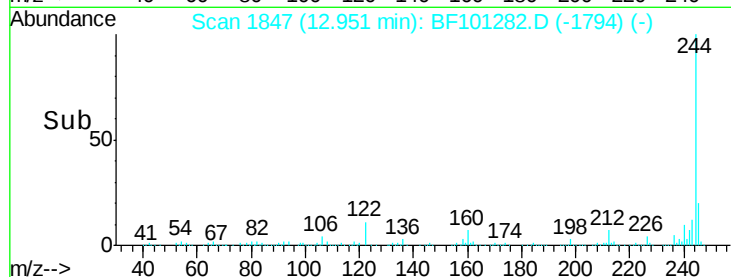
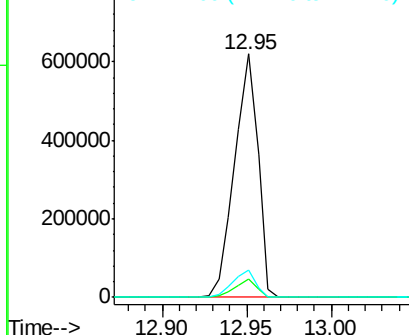
#78
 Terphenyl-d14
 Concen: 100.185 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BF101282.D
 Acq: 11 Dec 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	11.3	11.0	16.4

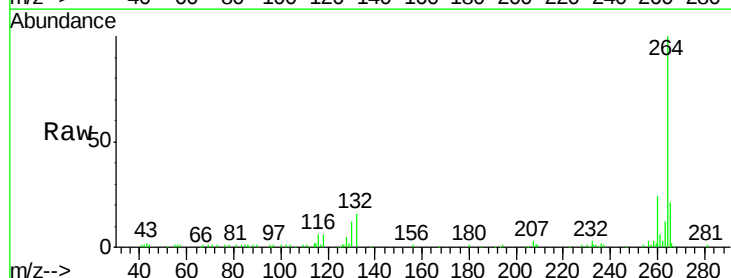


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.02 min
 Lab File: BF101282.D
 Acq: 11 Dec 2017 12:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	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

