

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101135.D
 Acq On : 5 Dec 2017 20:09
 Operator : SJ/JU
 Sample : I6709-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 00:24:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

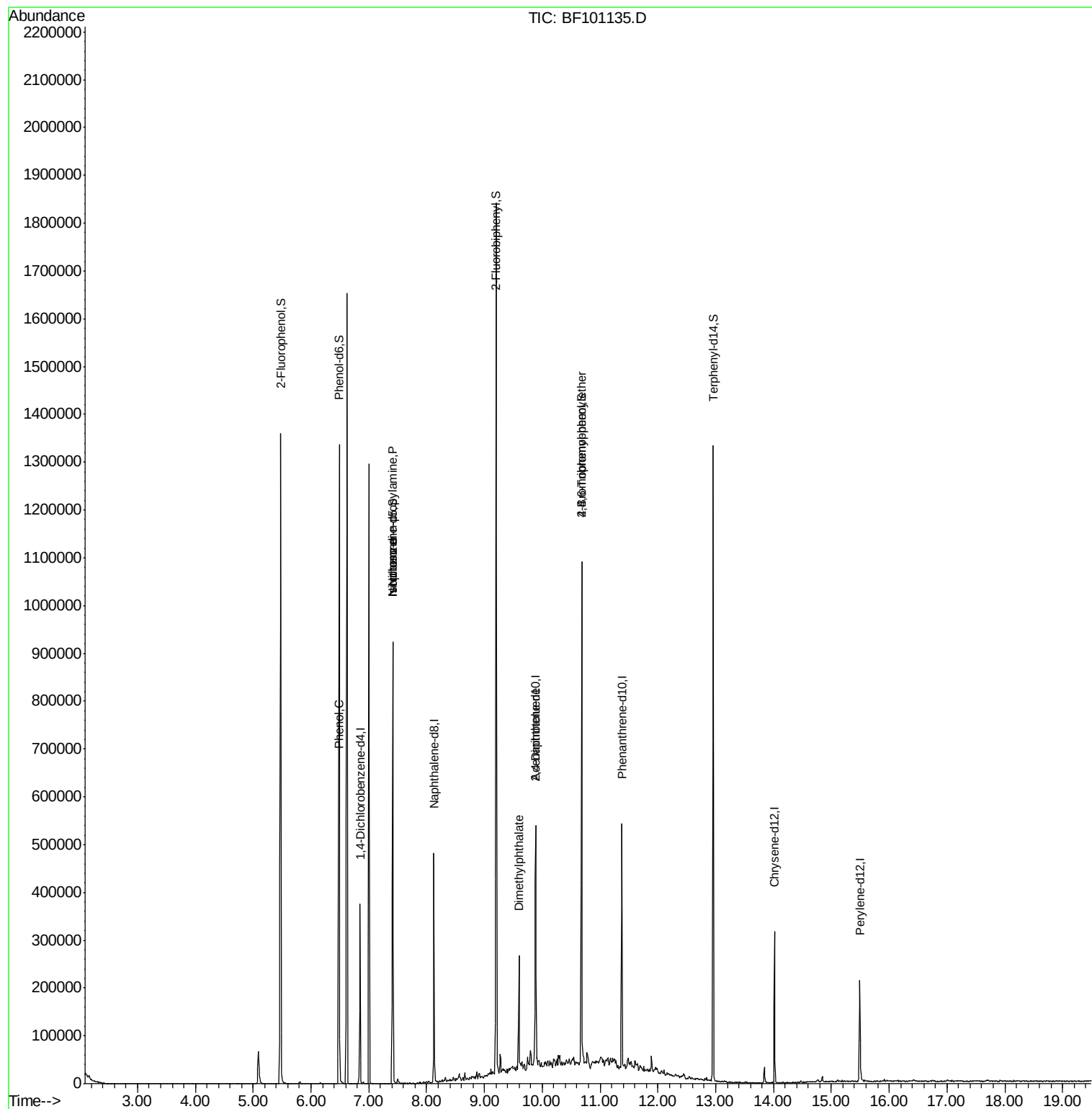
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53372	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	204053	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	95213	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	172862	20.00	ng	0.00
75) Chrysene-d12	14.02	240	107629	20.00	ng	0.00
86) Perylene-d12	15.49	264	111469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	422553	130.83	ng	0.01
7) Phenol-d6	6.49	99	501890	127.99	ng	0.00
23) Nitrobenzene-d5	7.42	82	305162	89.21	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	132151	115.54	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	601058	86.37	ng	0.00
78) Terphenyl-d14	12.96	244	475349	96.60	ng	0.00
Target Compounds						
10) Phenol	6.50	94	14547	3.336	ng	98
19) n-Nitroso-di-n-propylamine	7.42	70	41055	15.546	ng	# 79
25) Isophorone	7.42	82	305158	52.227	ng	# 64
49) Dimethylphthalate	9.60	163	97602	12.711	ng	97
56) 2,4-Dinitrotoluene	9.89	165	13045	6.019	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	8193	4.234	ng	# 1

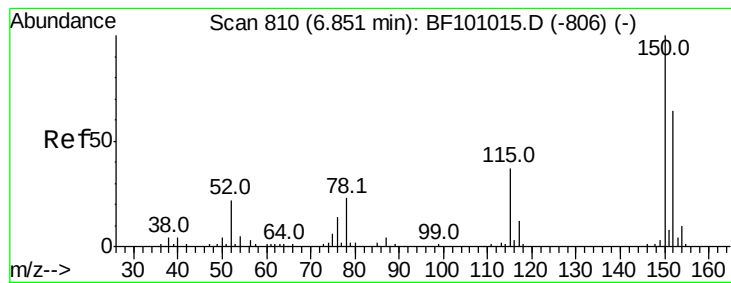
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101135.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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Quant Time: Dec 06 00:24:04 2017
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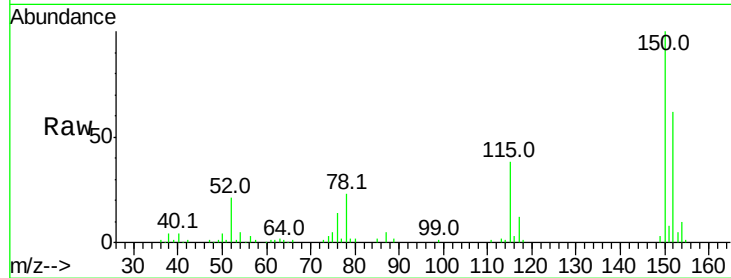


#1

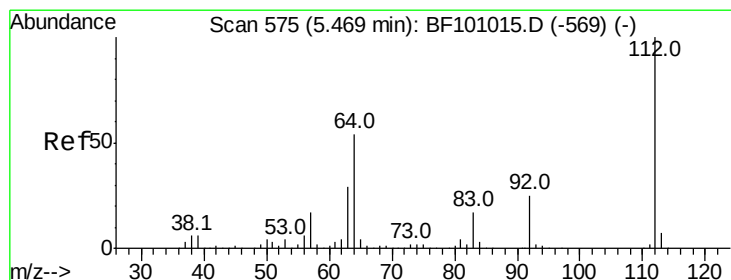
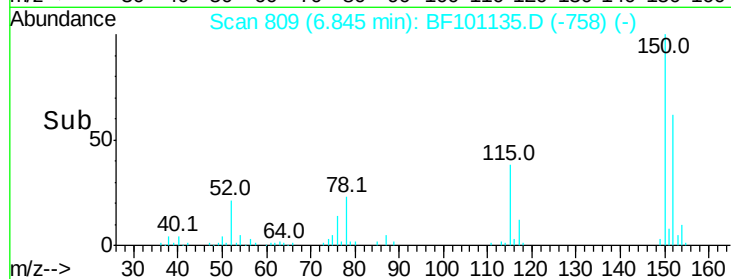
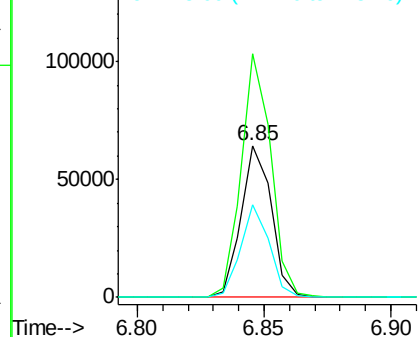
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101135.D
Acq: 5 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53372
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 60.7 50.1 75.1



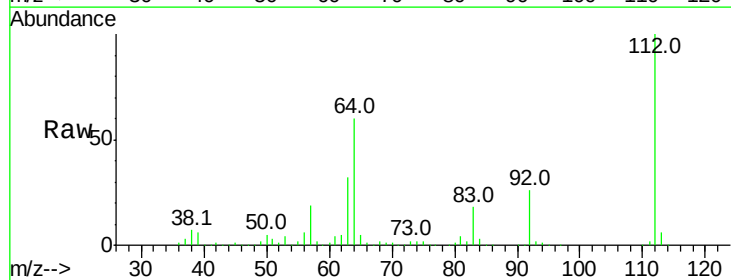
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



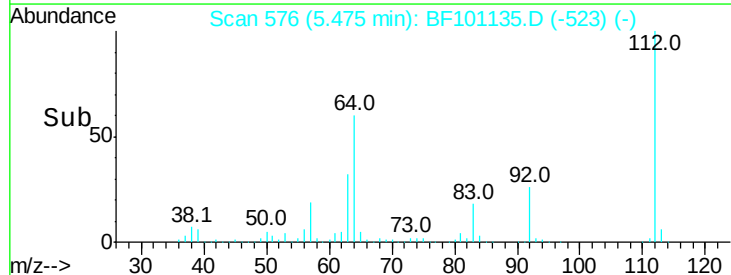
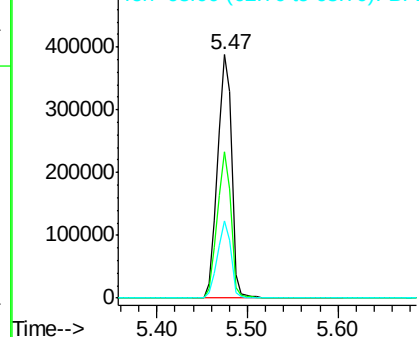
#5

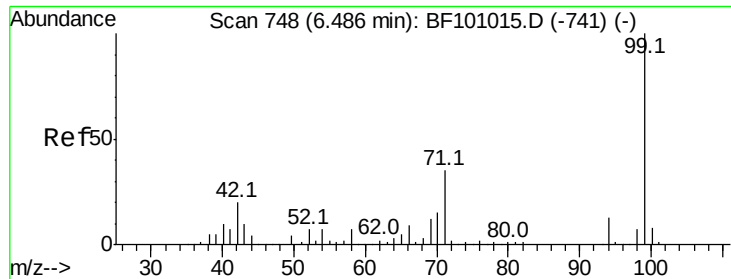
2-Fluorophenol
Concen: 130.826 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101135.D
Acq: 5 Dec 2017 20:09

Tgt Ion:112 Resp: 422553
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 31.6 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: 127.988 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101135.D

Acq: 5 Dec 2017 20:09

Instrument :

BNA_F

ClientSampled :

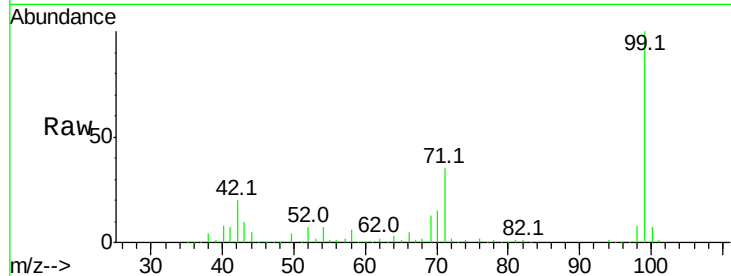
Tot Ion: 99 Resp: 501890

Ion Ratio Lower Upper

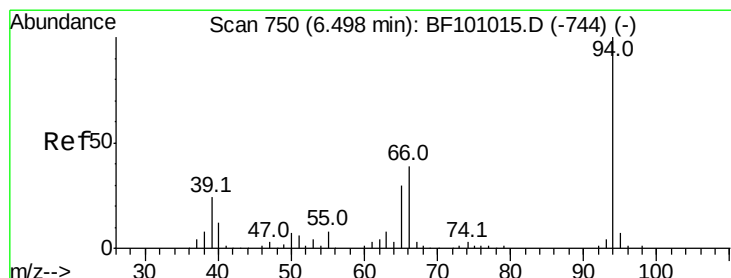
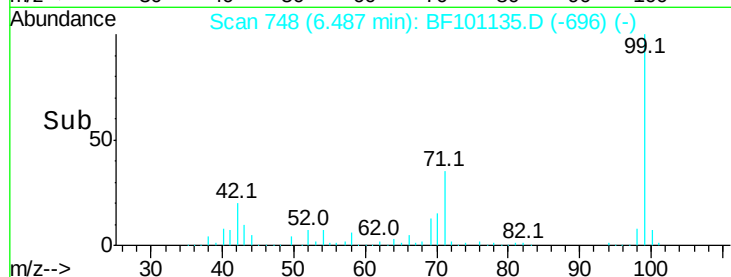
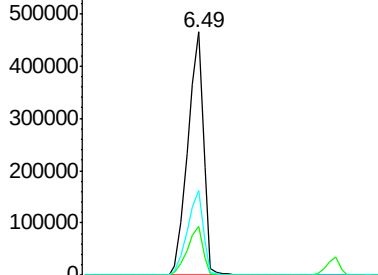
99 100

42 20.0 14.5 21.7

71 34.8 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



#10

Phenol

Concen: 3.336 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101135.D

Acq: 5 Dec 2017 20:09

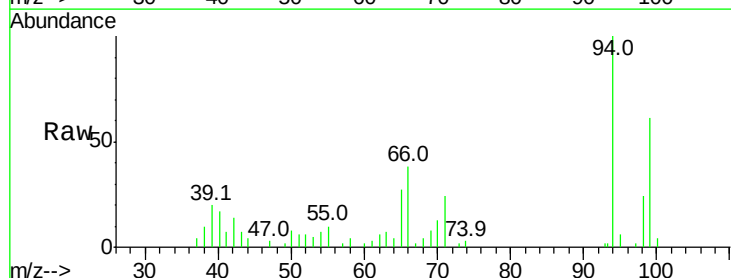
Tgt Ion: 94 Resp: 14547

Ion Ratio Lower Upper

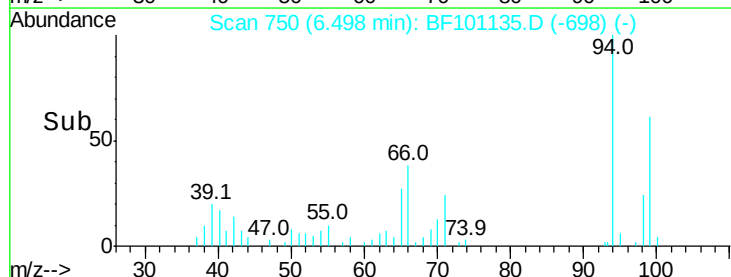
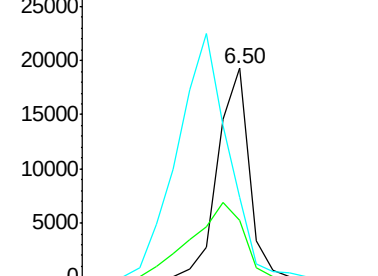
94 100

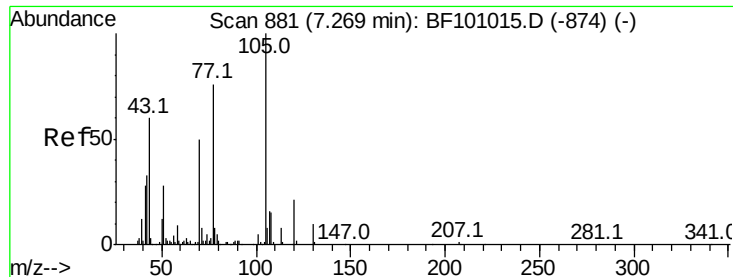
65 27.3 7.9 47.9

66 38.1 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

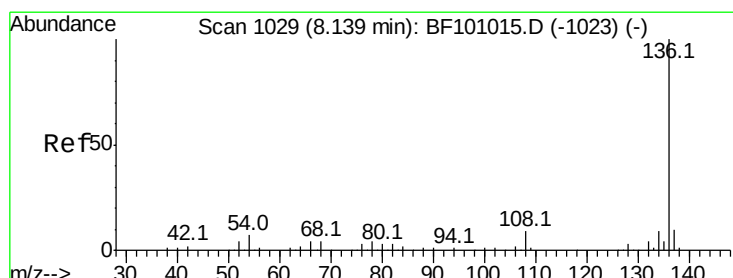
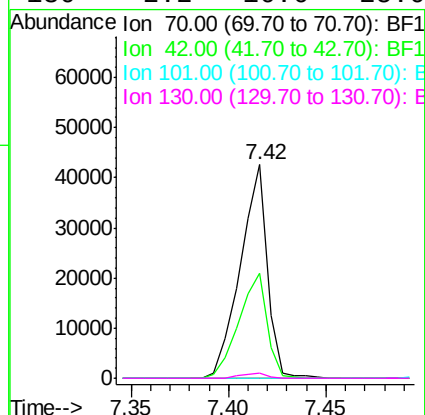
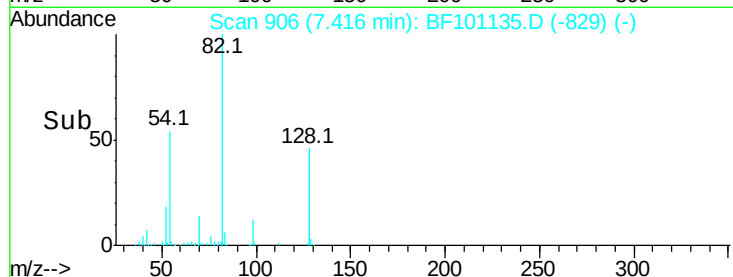
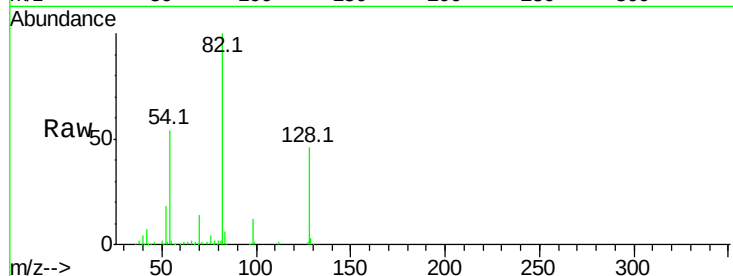




#19
n-Nitroso-di-n-propylamine
Concen: 15.546 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101135.D
Acq: 5 Dec 2017 20:09

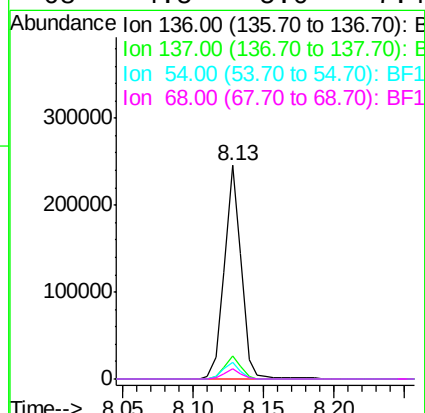
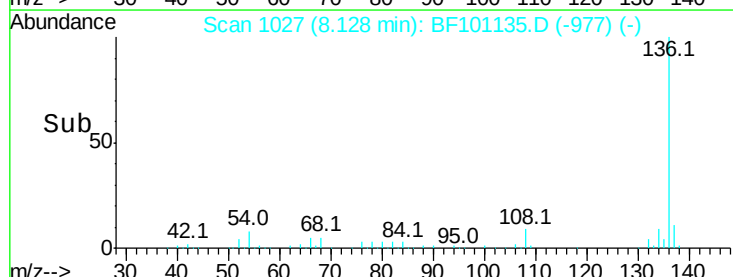
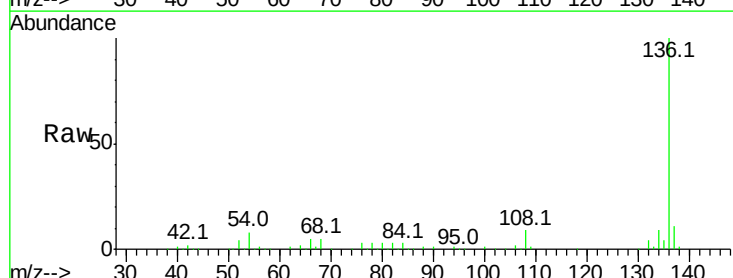
Instrument :
BNA_F
ClientSampleId :

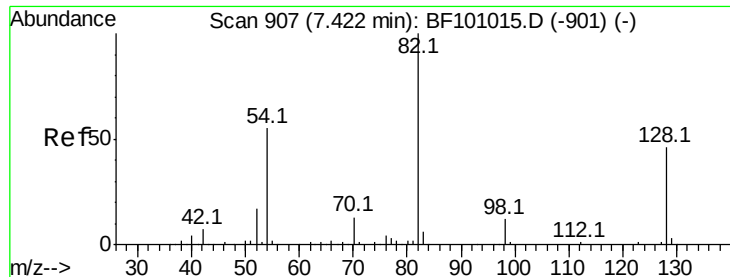
Tot Ion: 70 Resp: 41055
Ion Ratio Lower Upper
70 100
42 49.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101135.D
Acq: 5 Dec 2017 20:09

Tgt Ion:136 Resp: 204053
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.8 6.6 9.8
68 4.5 5.0 7.4#

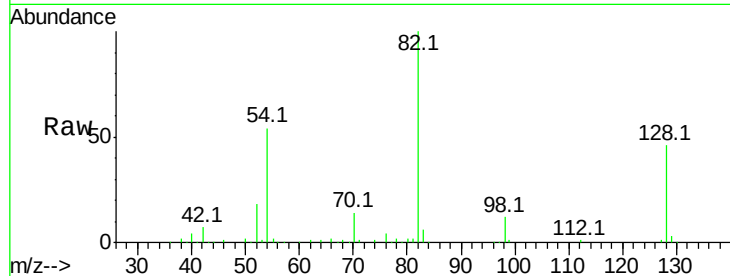




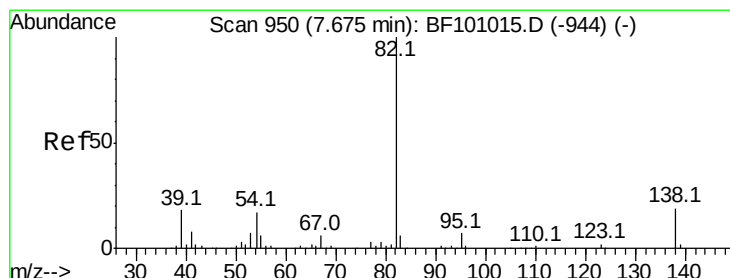
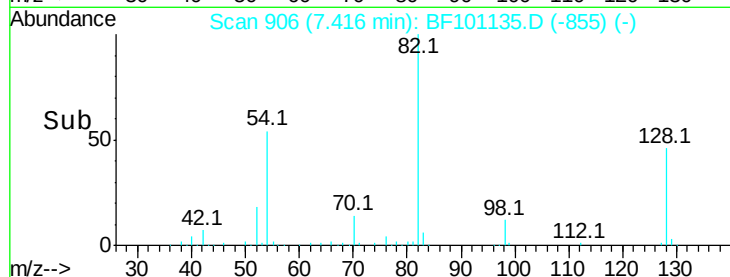
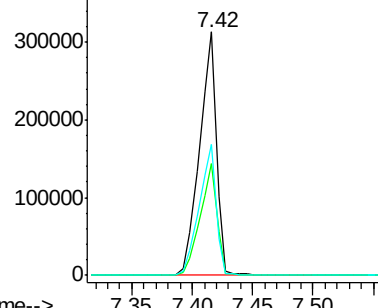
#23
 Nitrobenzene-d5
 Concen: 89.211 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101135.D
 Acq: 5 Dec 2017 20:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	305162
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.1	54.1
54	53.6	41.4	62.2

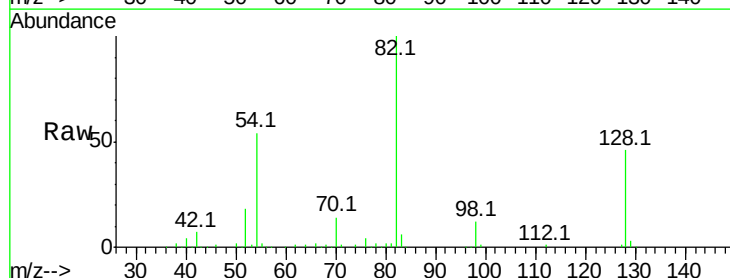


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

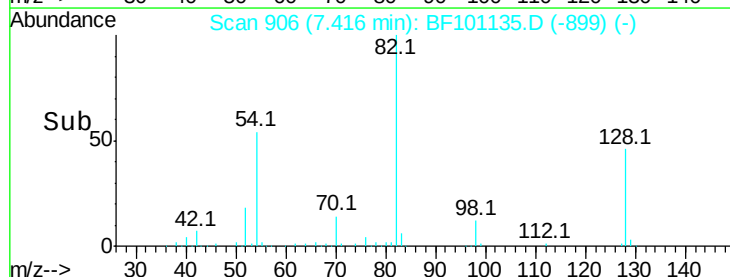
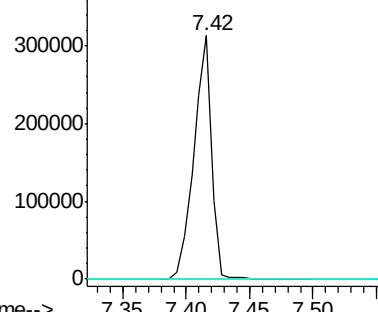


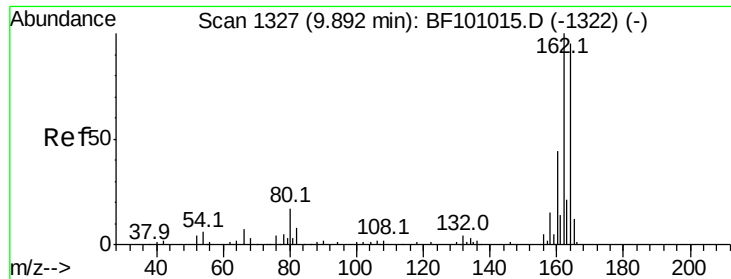
#25
 Isophorone
 Concen: 52.227 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF101135.D
 Acq: 5 Dec 2017 20:09

Tgt Ion	82	Resp	305158
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: BF101135.D

Acq: 5 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

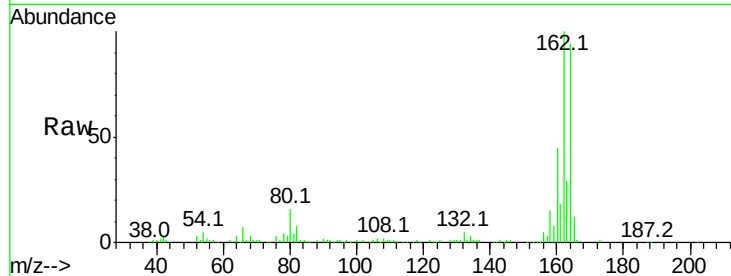
Tot Ion:164 Resp: 95213

Ion Ratio Lower Upper

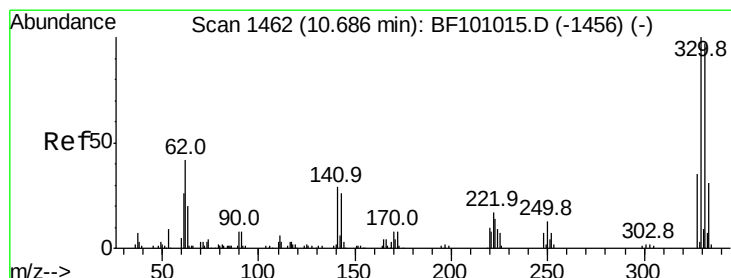
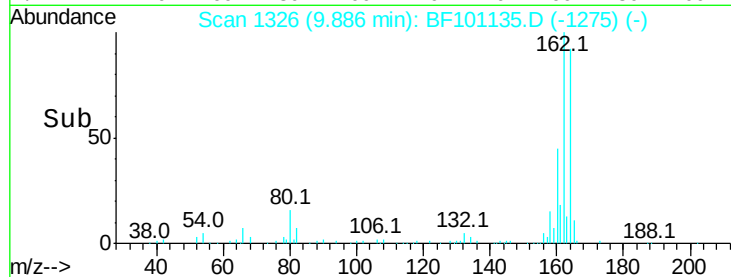
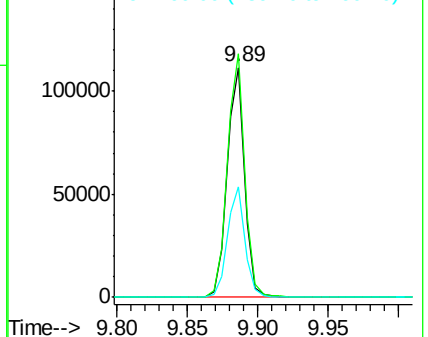
164 100

162 106.1 86.1 129.1

160 47.9 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: 115.539 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101135.D

Acq: 5 Dec 2017 20:09

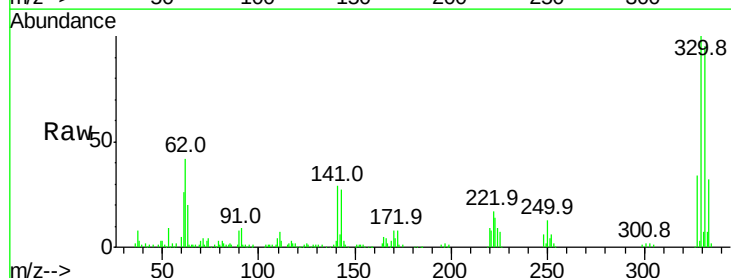
Tgt Ion:330 Resp: 132151

Ion Ratio Lower Upper

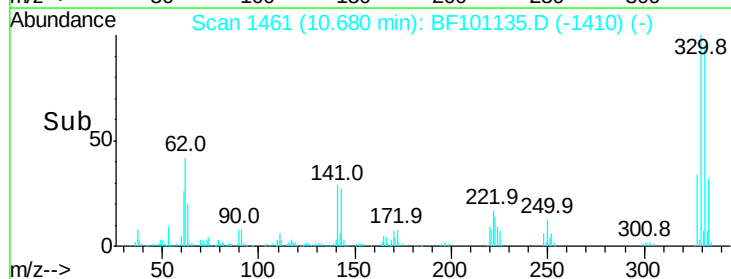
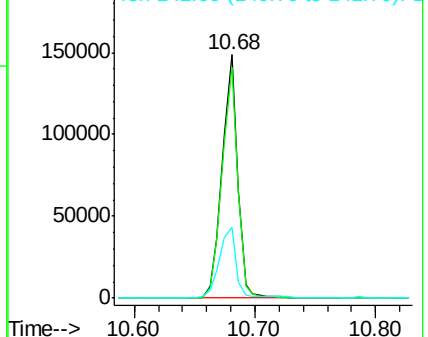
330 100

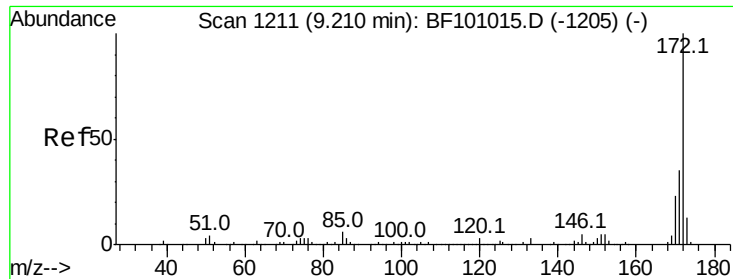
332 95.7 77.0 115.6

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

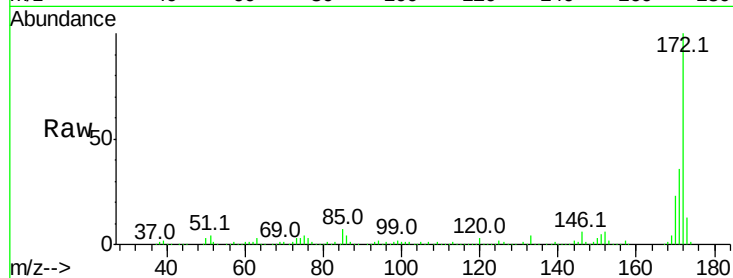




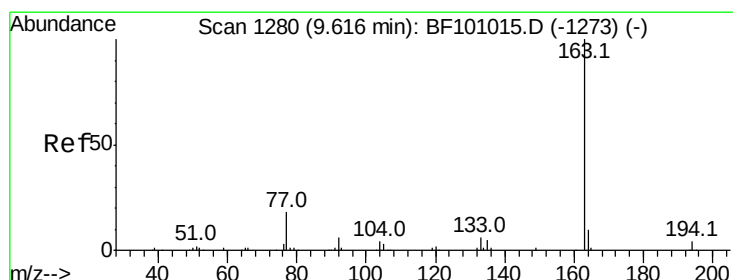
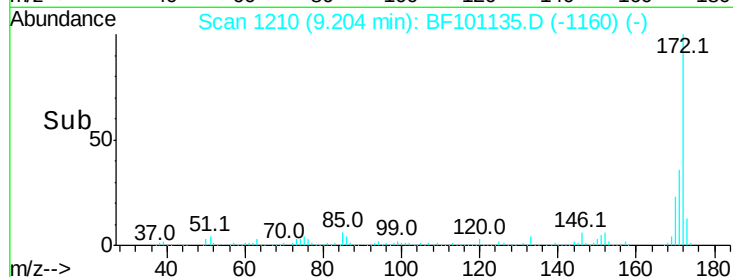
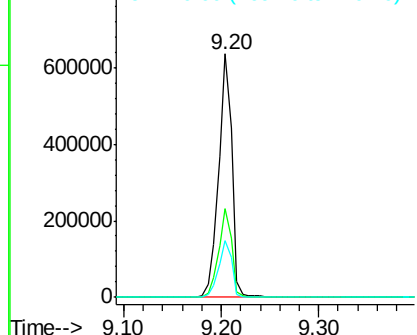
#44
2-Fluorobiphenyl
Concen: 86.371 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101135.D
Acq: 5 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 601058
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.4 19.6 29.4

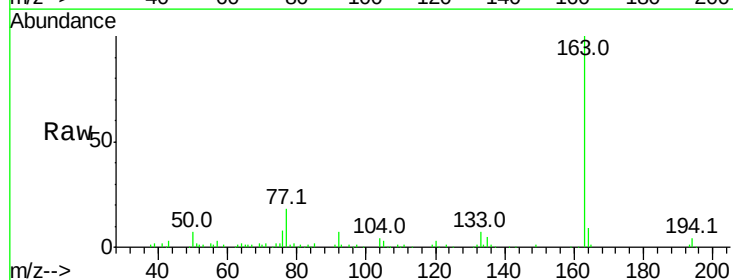


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

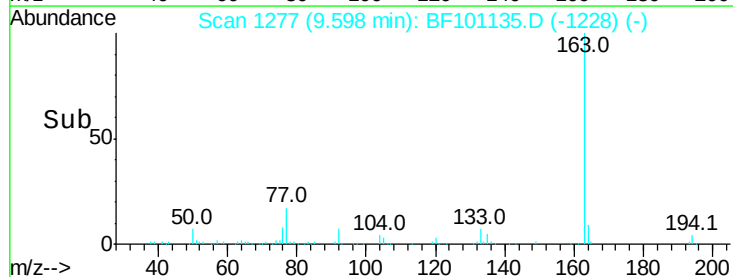
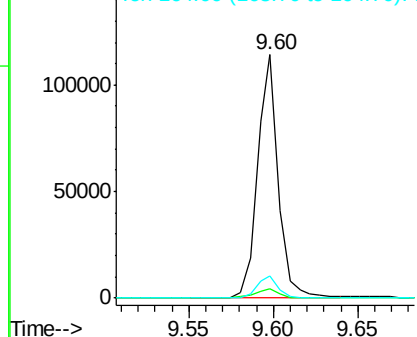


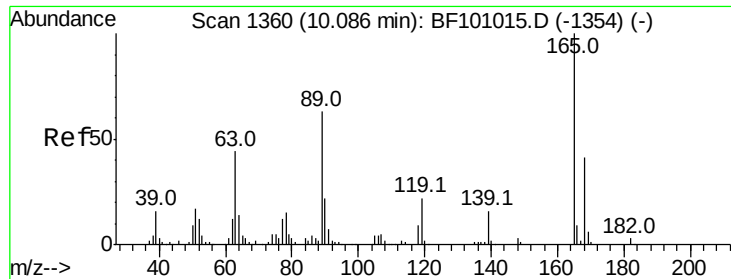
#49
Dimethylphthalate
Concen: 12.711 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101135.D
Acq: 5 Dec 2017 20:09

Tgt Ion:163 Resp: 97602
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 8.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

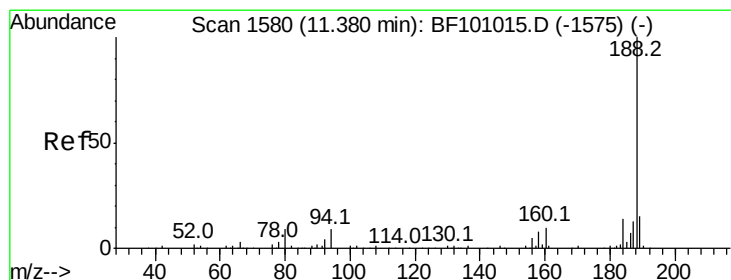
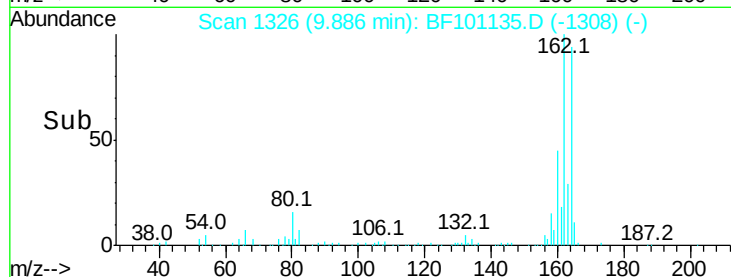
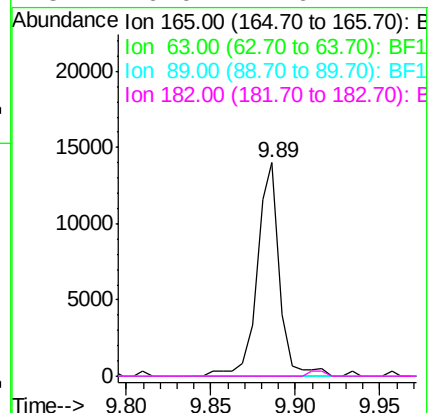
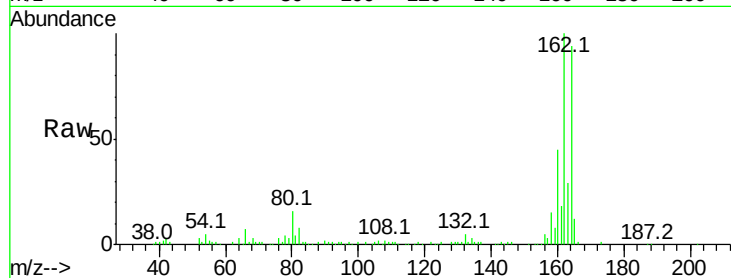




#56
 2,4-Dinitrotoluene
 Concen: 6.019 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101135.D
 Acq: 5 Dec 2017 20:09

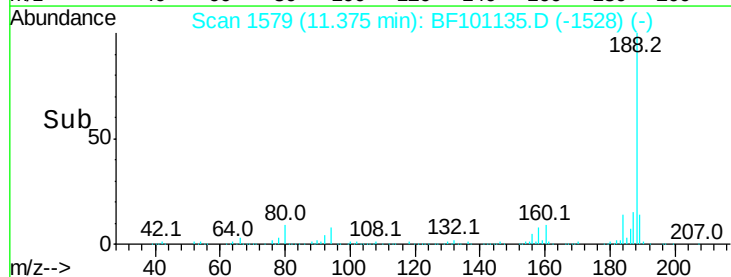
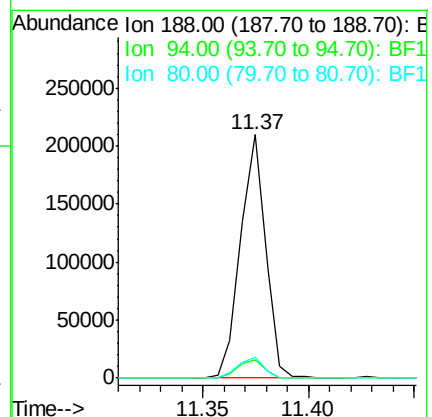
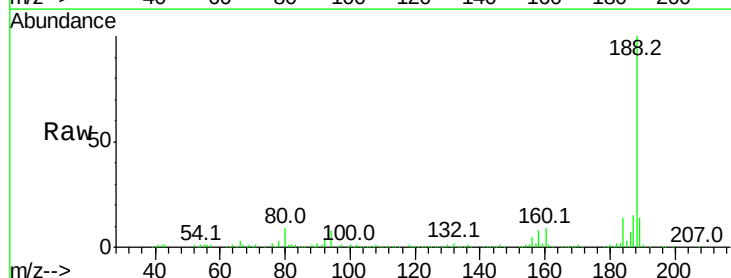
Instrument :
 BNA_F
 ClientSampleId :

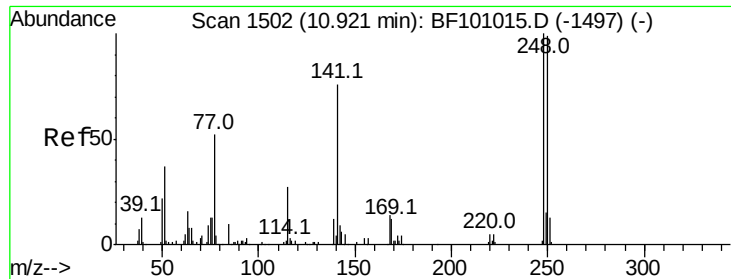
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101135.D
 Acq: 5 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.7	9.2	13.8#

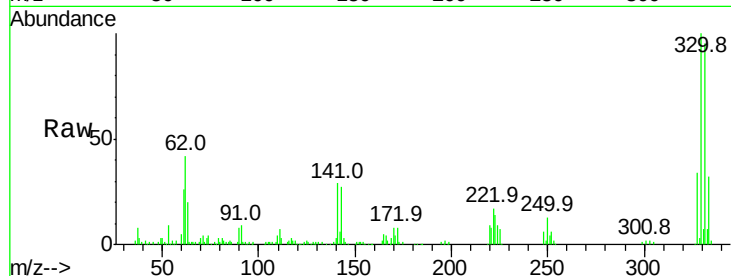




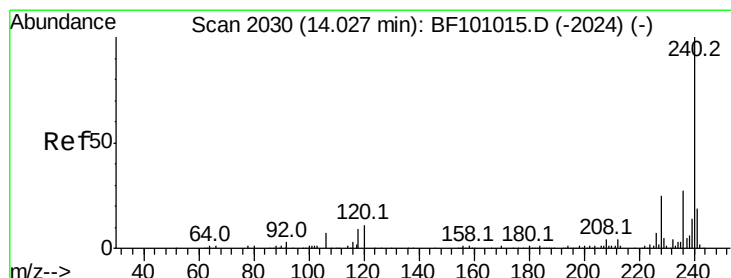
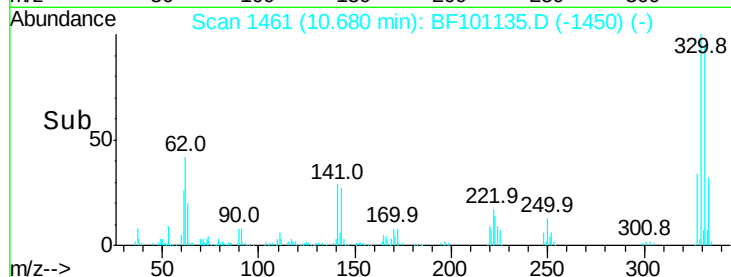
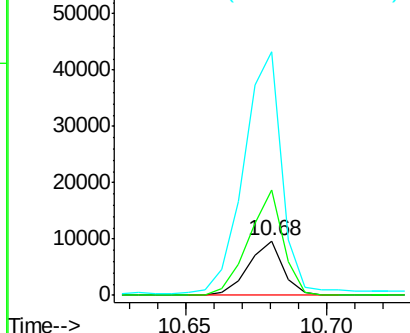
#66
4-Bromophenyl-phenylether
Concen: 4.234 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.23 min
Lab File: BF101135.D
Acq: 5 Dec 2017 20:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 8193
Ion Ratio Lower Upper
248 100
250 194.9 76.9 115.3#
141 448.7 74.4 111.6#

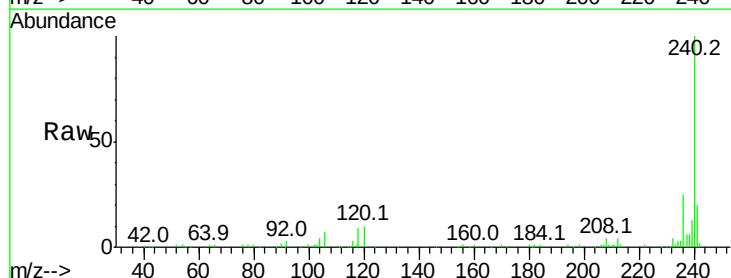


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

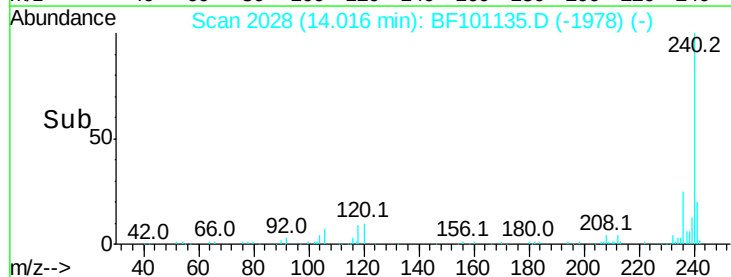
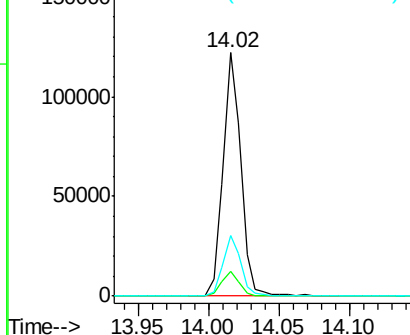


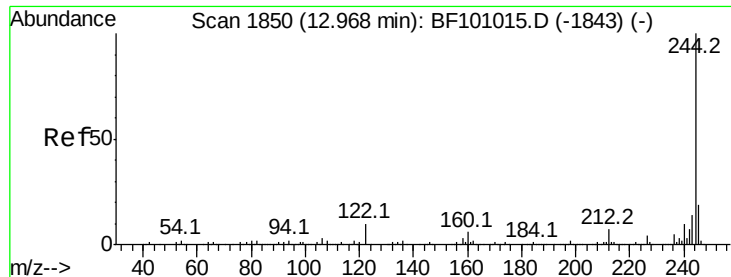
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101135.D
Acq: 5 Dec 2017 20:09

Tgt Ion:240 Resp: 107629
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 24.8 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

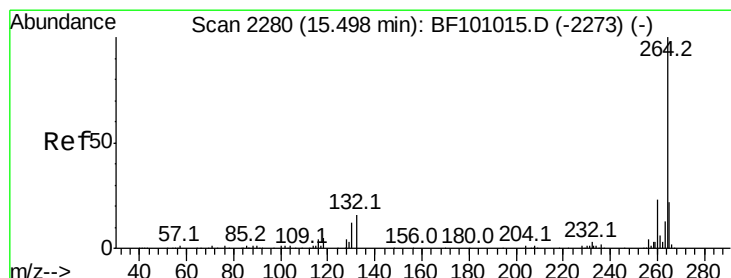
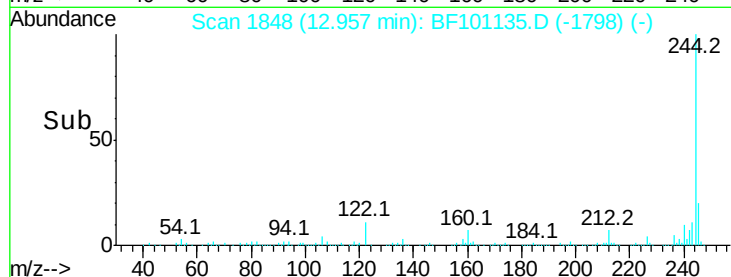
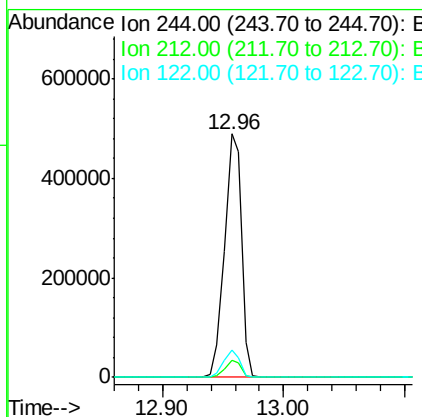
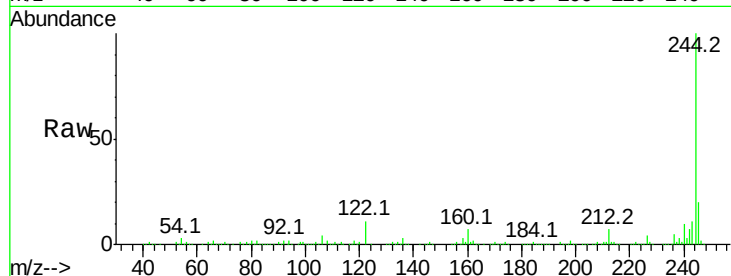




#78
 Terphenyl-d14
 Concen: 96.602 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101135.D
 Acq: 5 Dec 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 475349
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101135.D
 Acq: 5 Dec 2017 20:09

Tgt Ion:264 Resp: 111469
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.2 17.5 26.3

