

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121817\
 Data File : BF101507.D
 Acq On : 19 Dec 2017 4:44
 Operator : SJ/JU
 Sample : I6909-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121217-FOPI-E-D-M

Quant Time: Dec 19 07:06:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

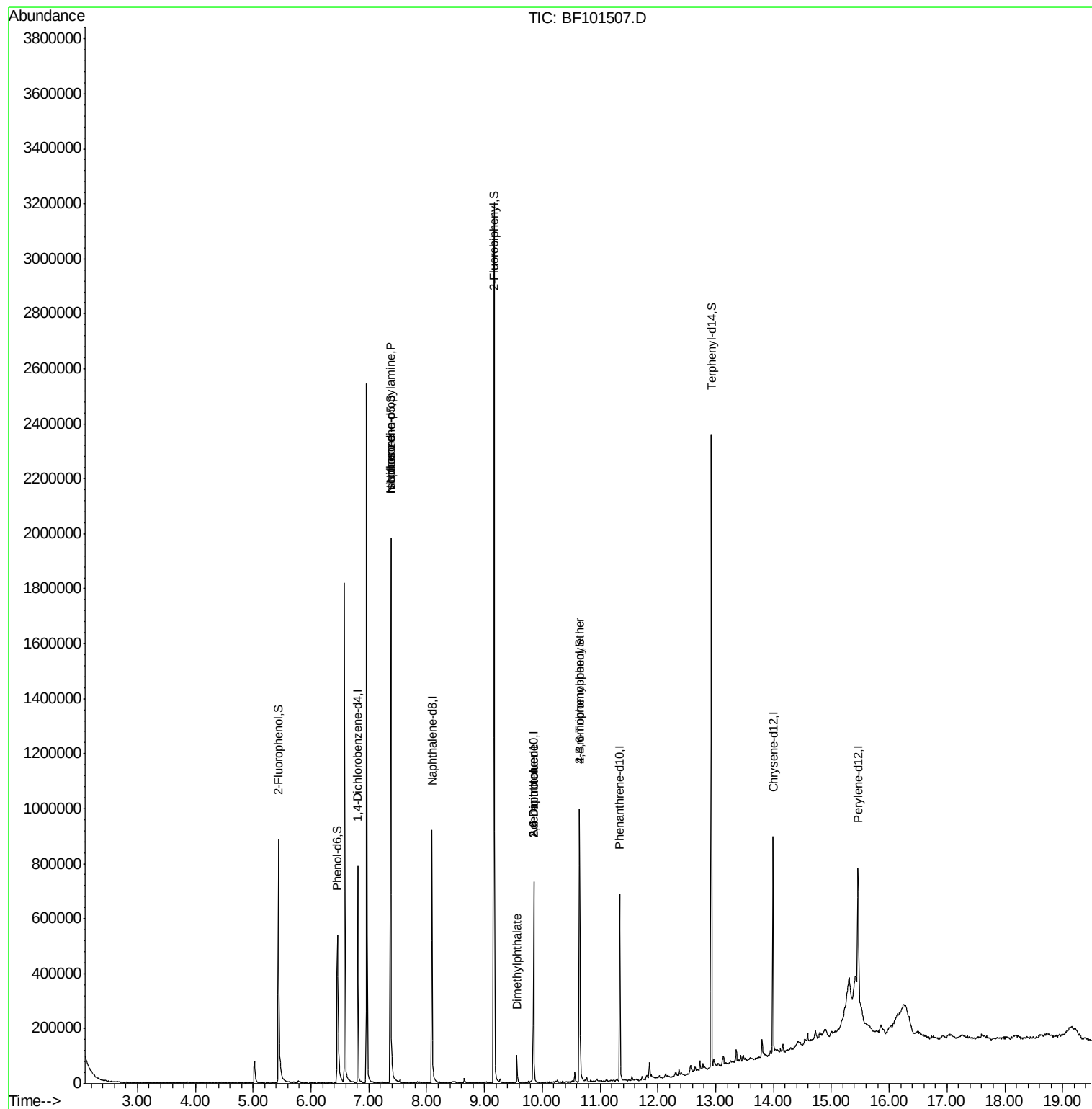
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	120143	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	431325	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	157001	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	257635	20.00	ng	0.00
75) Chrysene-d12	13.99	240	274721	20.00	ng	0.00
86) Perylene-d12	15.46	264	254867	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	341731	42.37	ng	0.01
7) Phenol-d6	6.46	99	254796	25.38	ng	0.00
23) Nitrobenzene-d5	7.38	82	687665	88.75	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	131717	87.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1108966	109.57	ng	0.00
78) Terphenyl-d14	12.93	244	863648	75.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	90660	13.75	ng	# 80
25) Isophorone	7.38	82	687662	44.24	ng	# 64
49) Dimethylphthalate	9.56	163	42430	3.36	ng	# 97
50) 2,6-Dinitrotoluene	9.85	165	19671	7.66	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	19671	6.80	ng	# 22
66) 4-Bromophenyl-phenylether	10.65	248	8328	2.88	ng	# 1

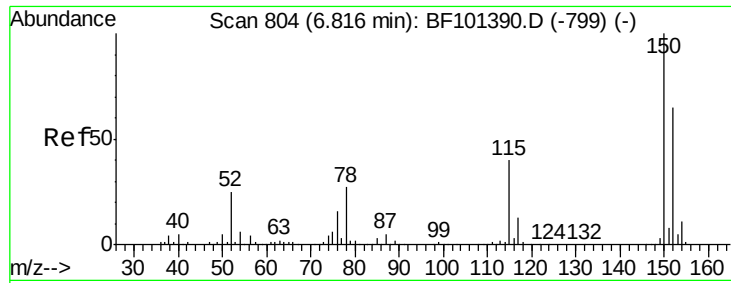
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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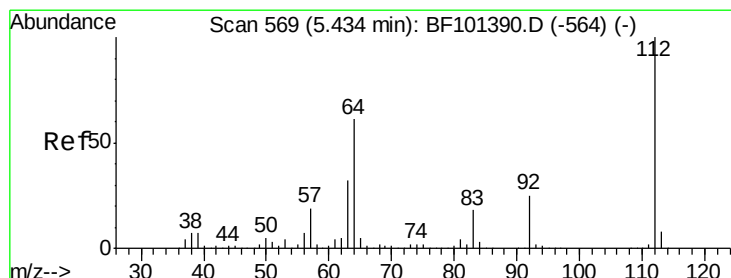
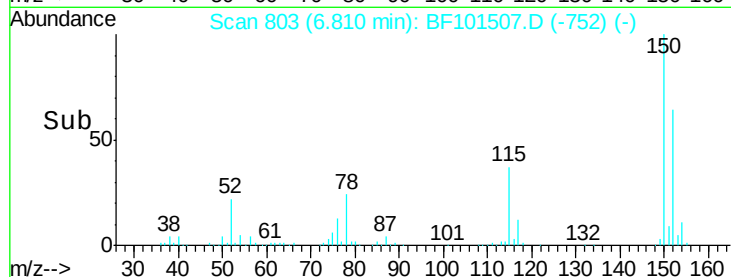
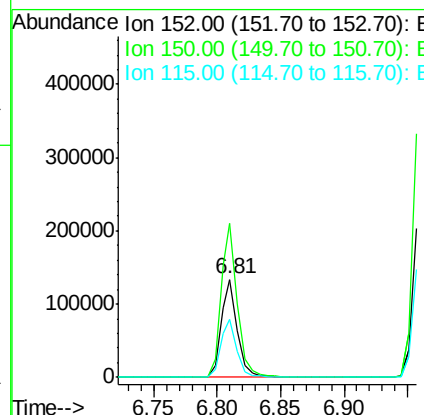
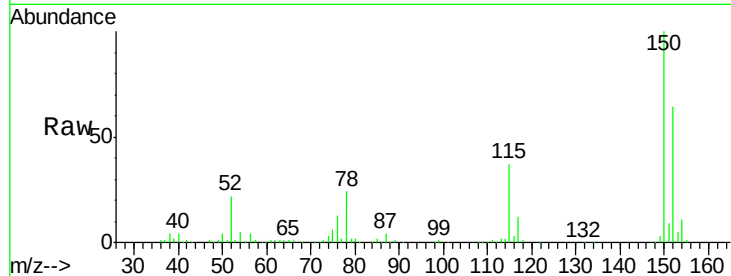


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

Instrument :
BNA_F
ClientSampleId :
121217-FOPI-E-D-M

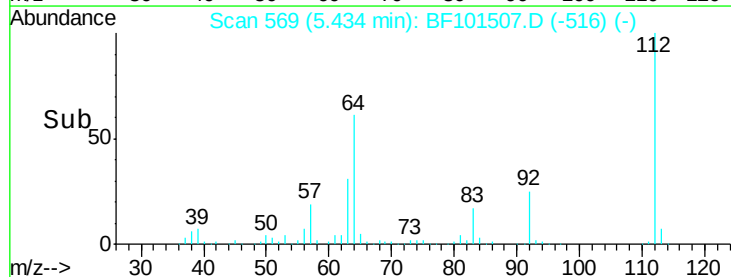
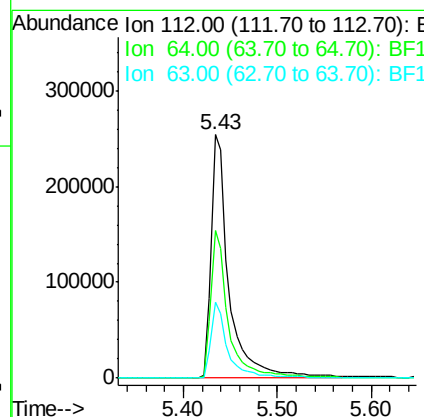
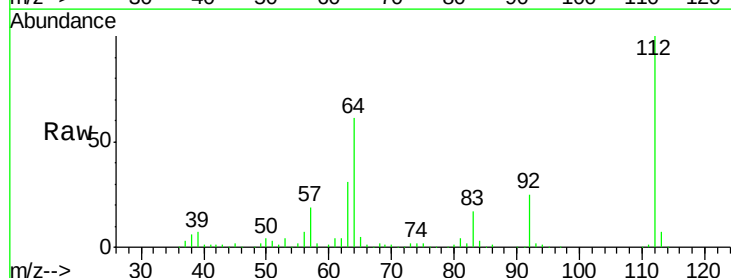
Tot Ion:152 Resp: 120143
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 58.8 50.1 75.1

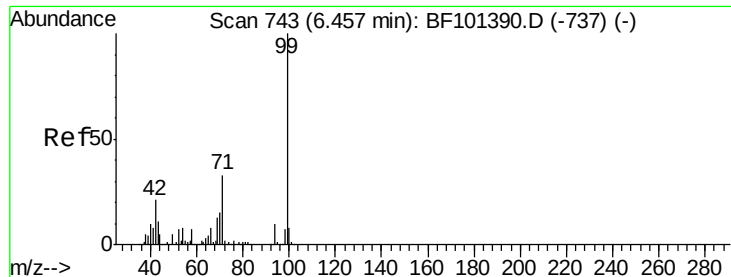


#5

2-Fluorophenol
Concen: 42.37 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

Tgt Ion:112 Resp: 341731
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 25.38 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101507.D

Acq: 19 Dec 2017 4:44

Instrument :

BNA_F

ClientSampleId :

121217-FOPI-E-D-M

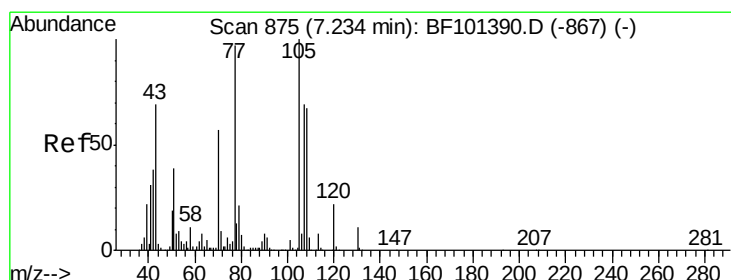
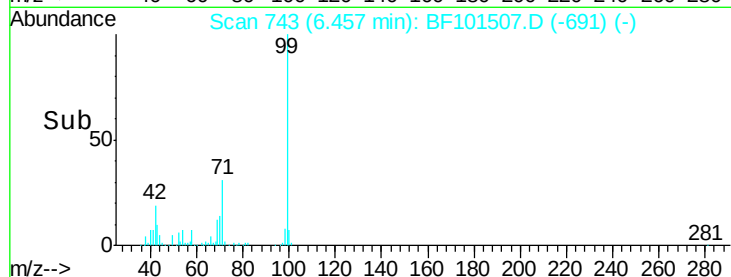
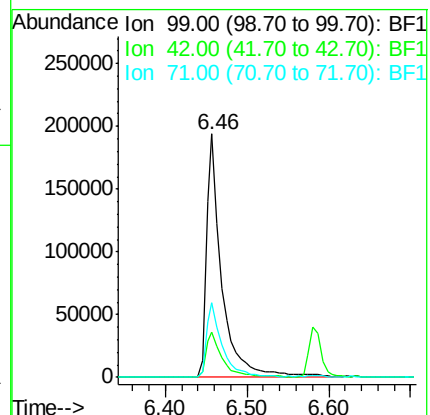
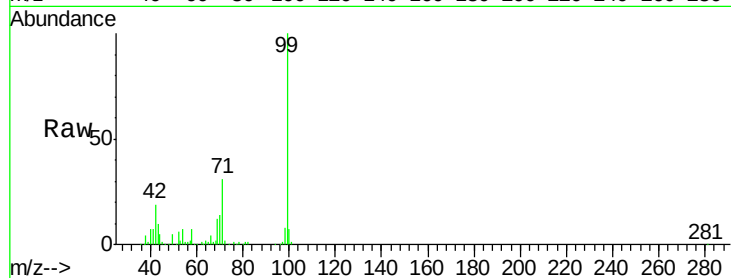
Tot Ion: 99 Resp: 254796

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 30.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.75 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF101507.D

Acq: 19 Dec 2017 4:44

Tgt Ion: 70 Resp: 90660

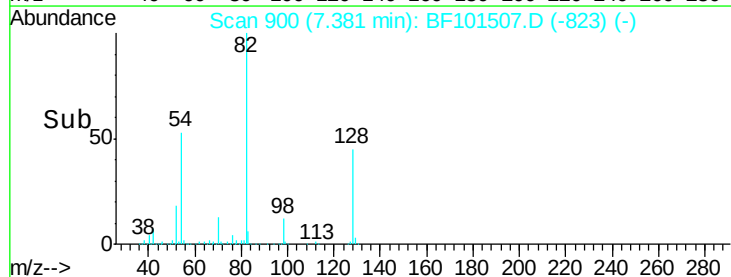
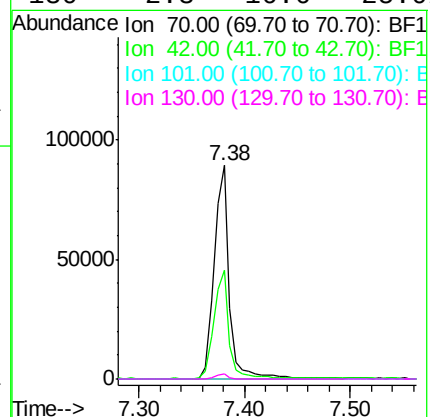
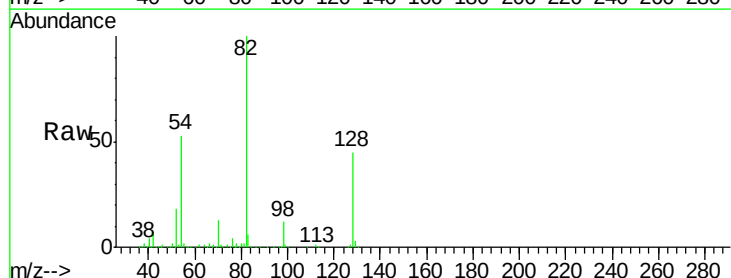
Ion Ratio Lower Upper

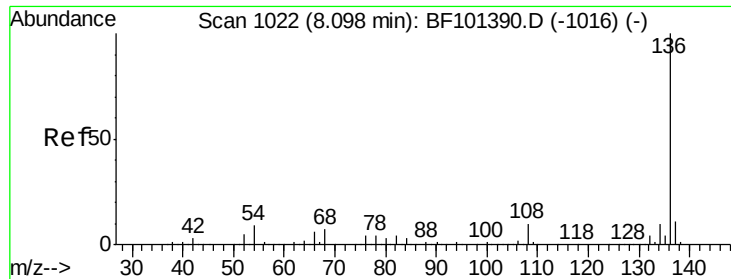
70 100

42 50.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

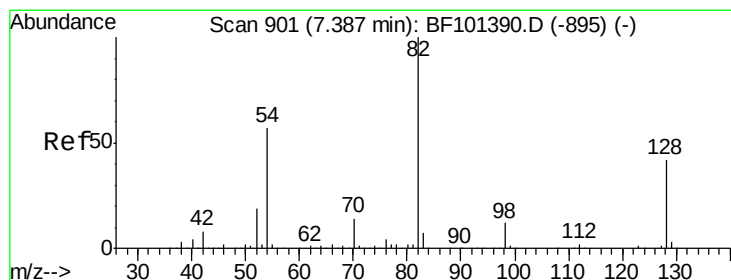
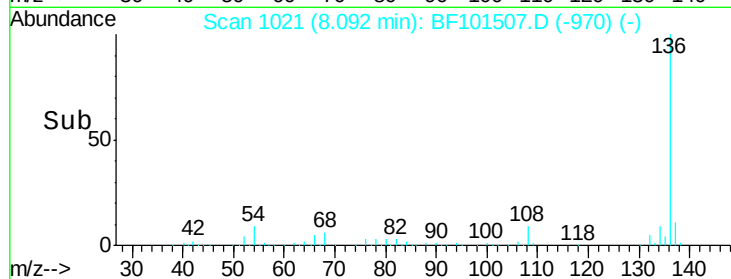
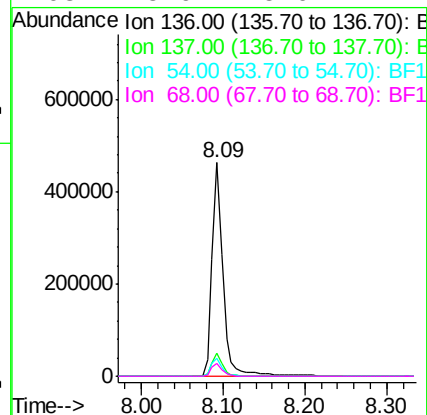
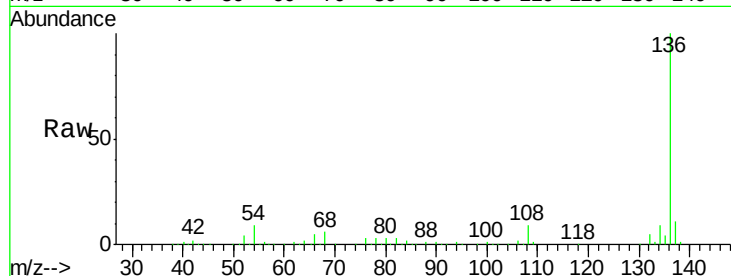




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

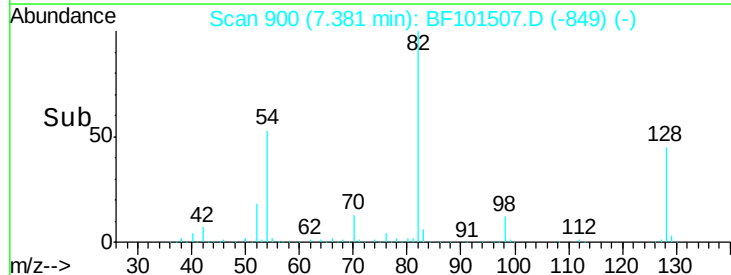
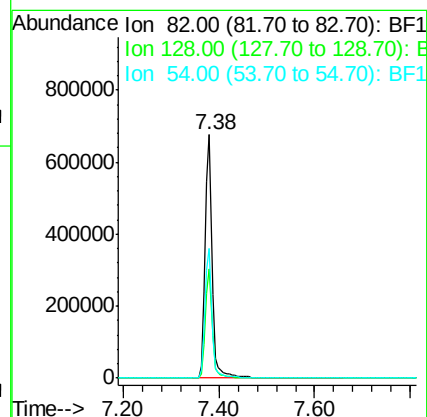
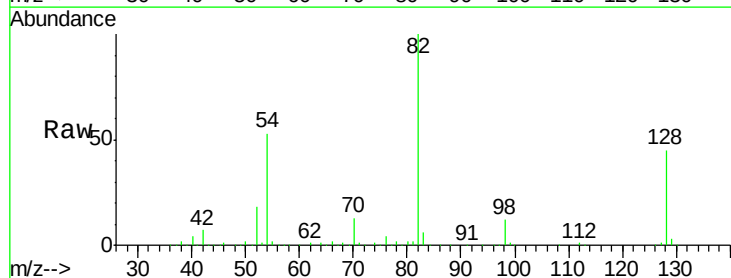
Instrument :
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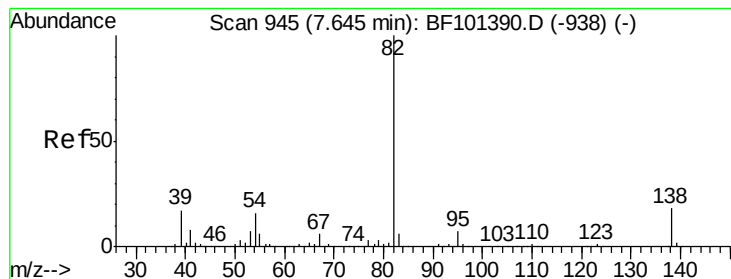
Tot Ion:	136	Resp:	431325
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.7	6.6	9.8
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 88.75 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

Tgt Ion:	82	Resp:	687665
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	53.1	41.4	62.2





#25

Isophorone

Concen: 44.24 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF101507.D

Acq: 19 Dec 2017 4:44

Instrument :

BNA_F

ClientSampleId :

121217-FOPI-E-D-M

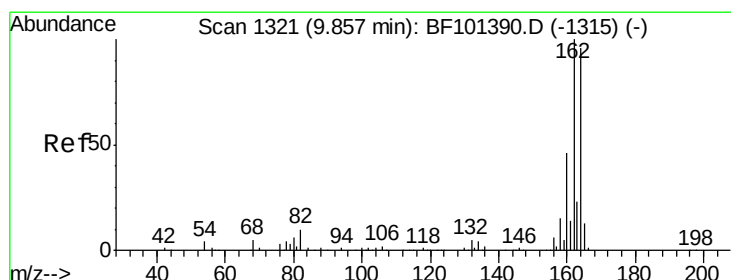
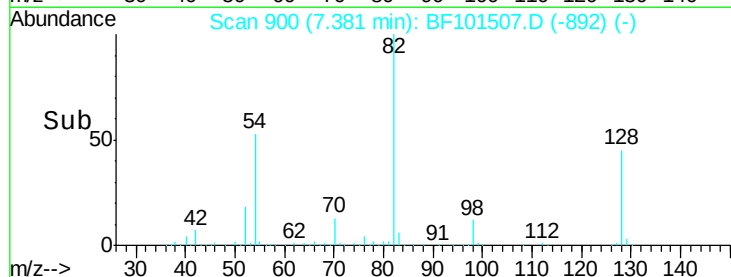
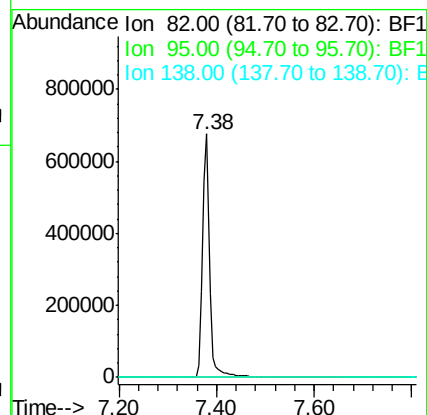
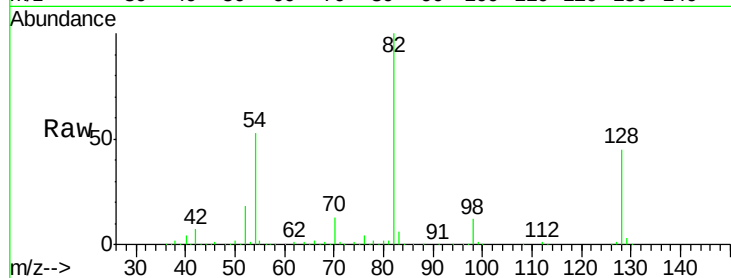
Tot Ion: 82 Resp: 687662

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF101507.D

Acq: 19 Dec 2017 4:44

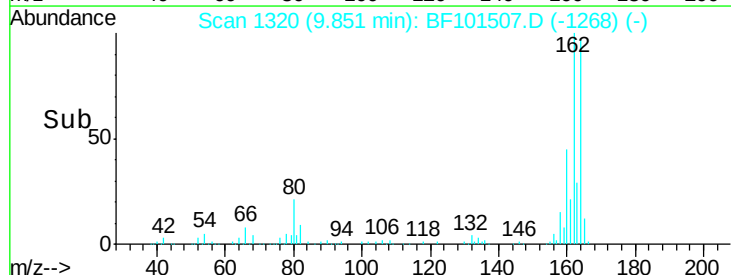
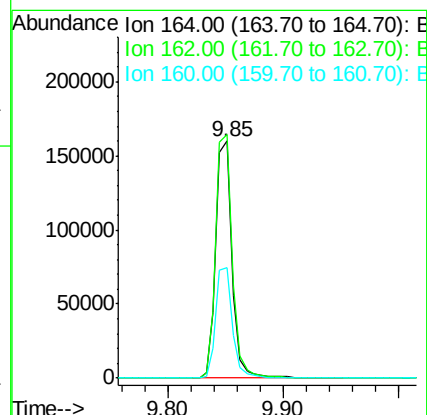
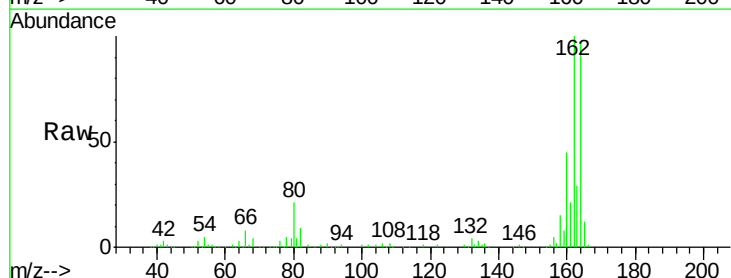
Tgt Ion: 164 Resp: 157001

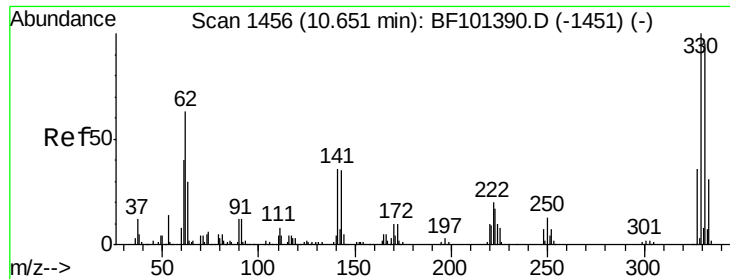
Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

160 46.5 38.3 57.5

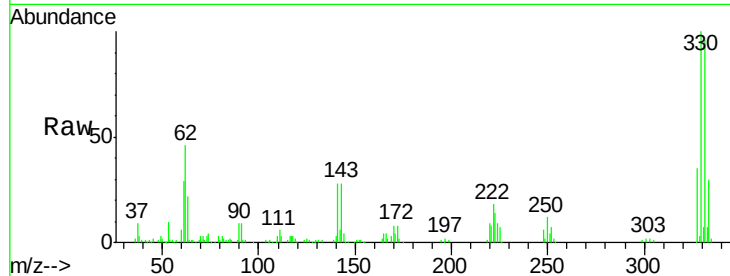




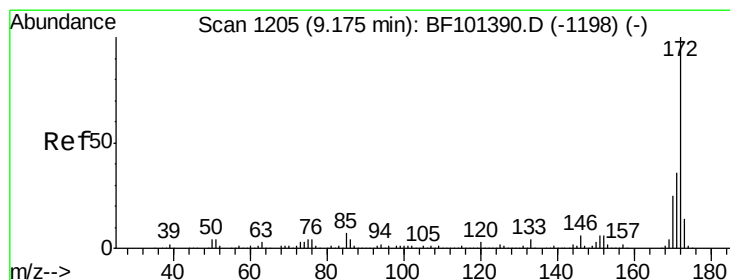
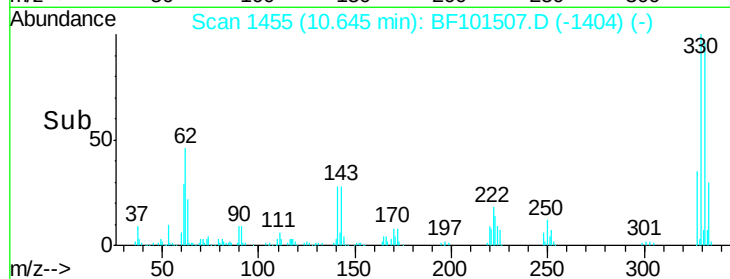
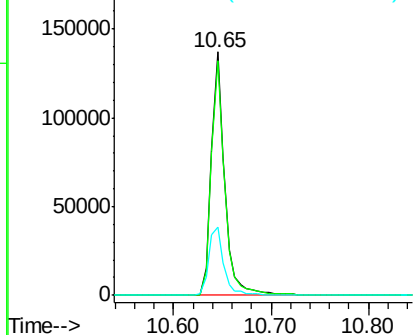
#41
 2,4,6-Tribromophenol
 Concen: 87.07 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101507.D
 Acq: 19 Dec 2017 4:44

Instrument :
 BNA_F
 ClientSampleId :
 121217-FOPI-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	31.4	29.9	44.9

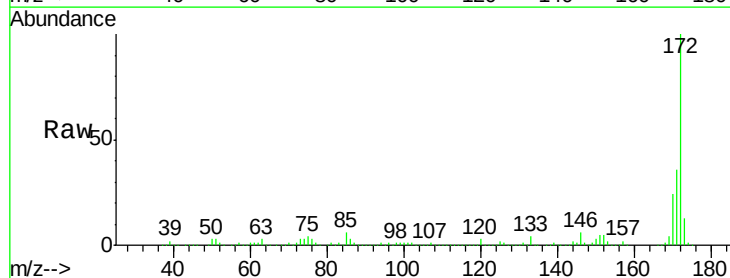


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

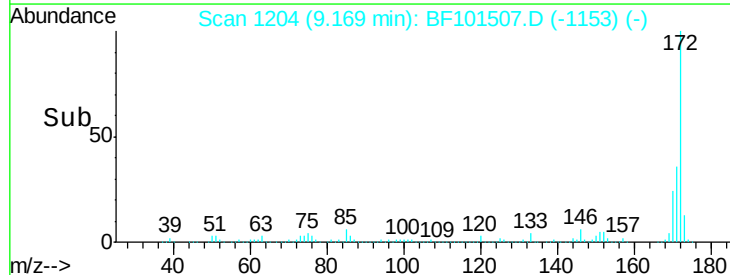
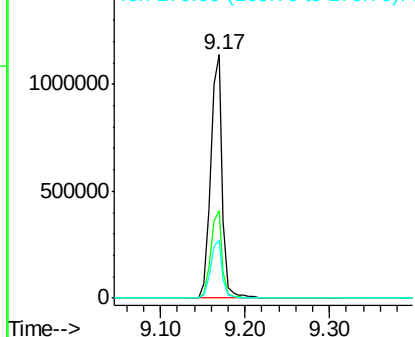


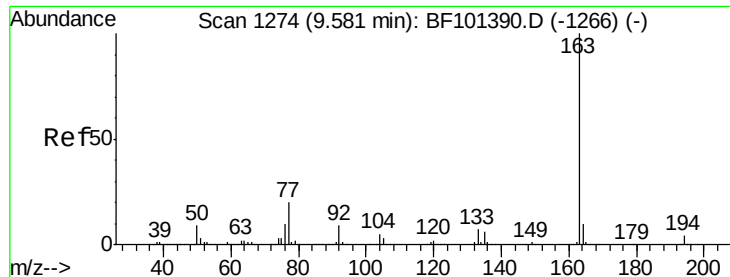
#44
 2-Fluorobiphenyl
 Concen: 109.57 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF101507.D
 Acq: 19 Dec 2017 4:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	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

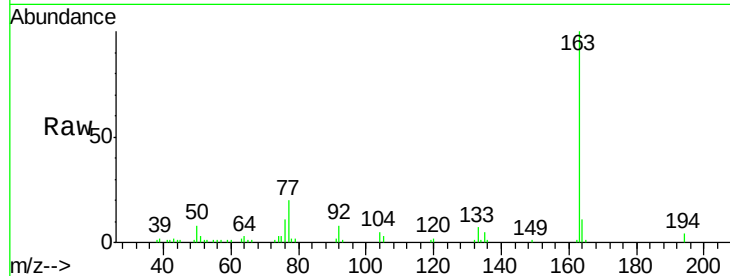




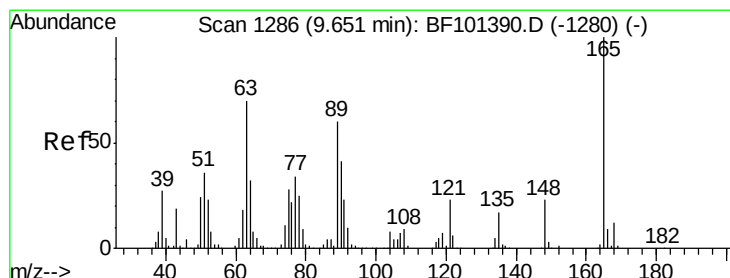
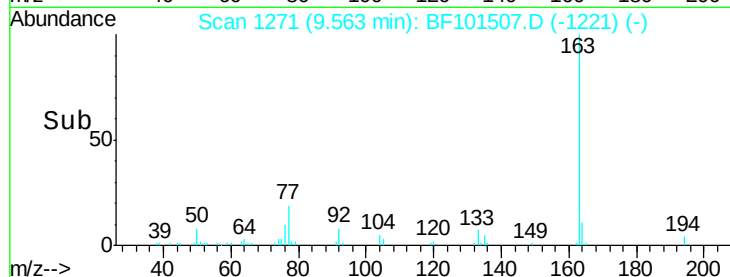
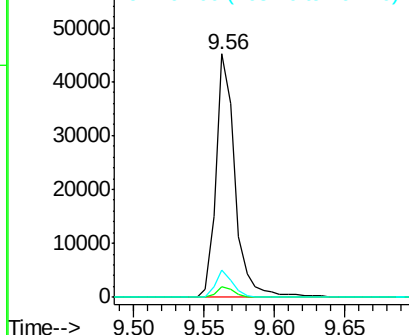
#49
Dimethylphthalate
Concen: 3.36 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

Instrument :
BNA_F
ClientSampleId :
121217-FOPI-E-D-M

Tot Ion:163 Resp: 42430
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 11.2 8.2 12.2

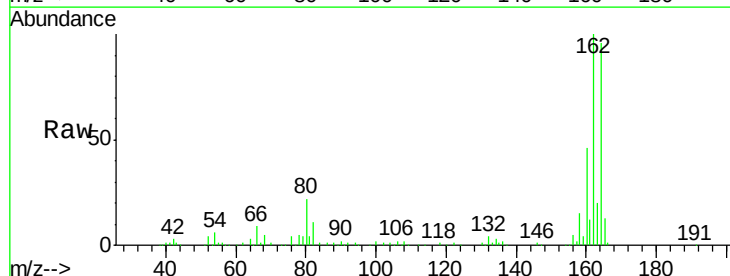


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

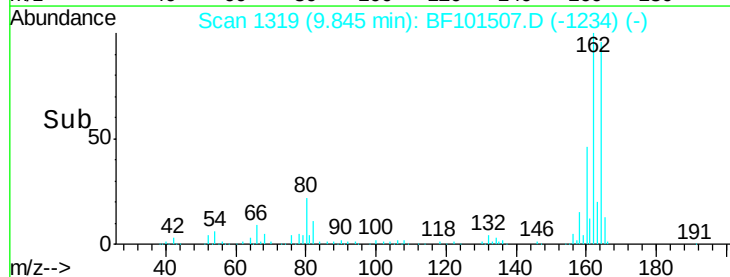
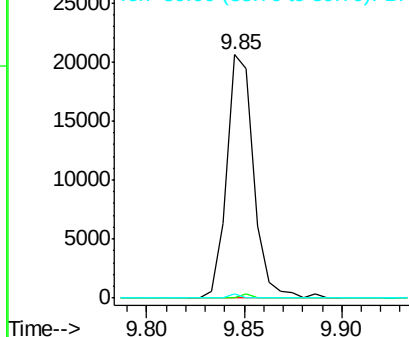


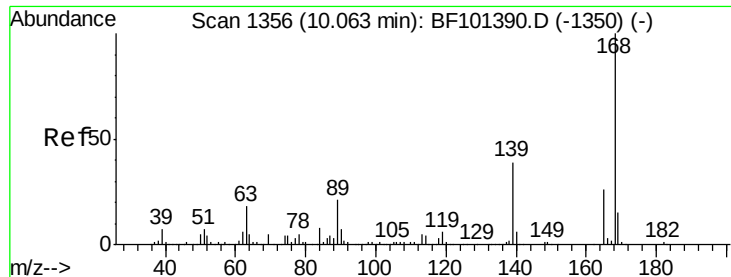
#50
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

Tgt Ion:165 Resp: 19671
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.5 44.0 66.0#



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

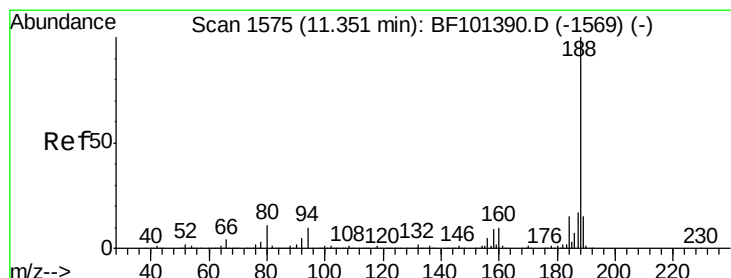
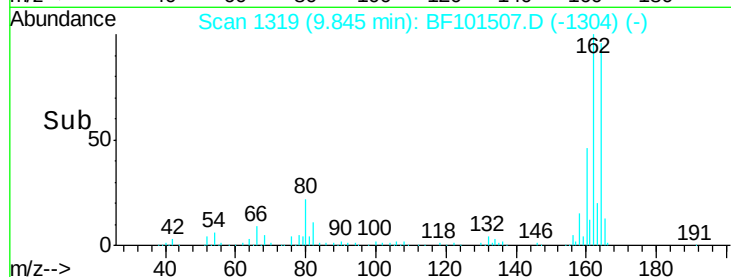
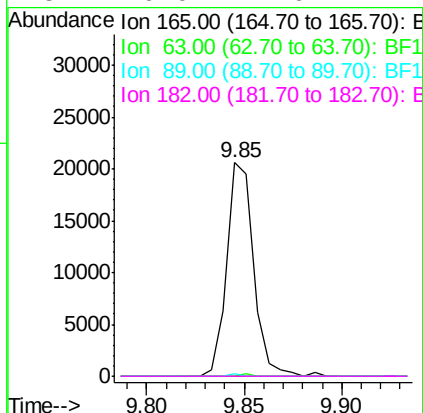
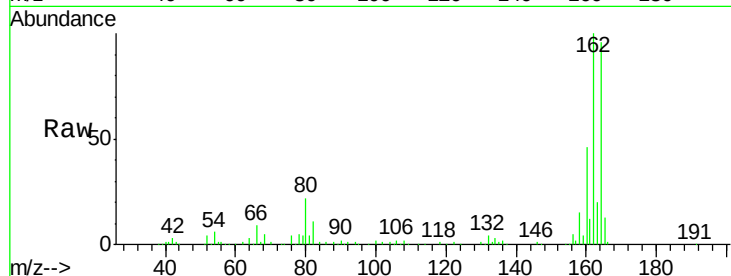




#56
 2,4-Dinitrotoluene
 Concen: 6.80 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101507.D
 Acq: 19 Dec 2017 4:44

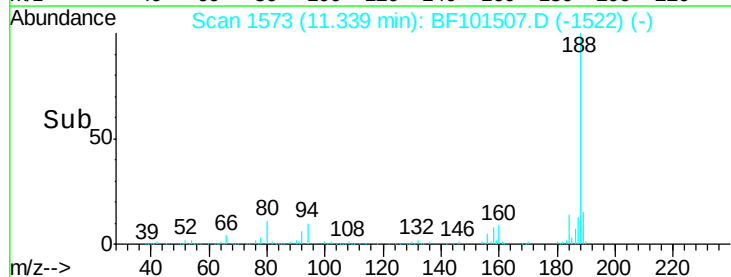
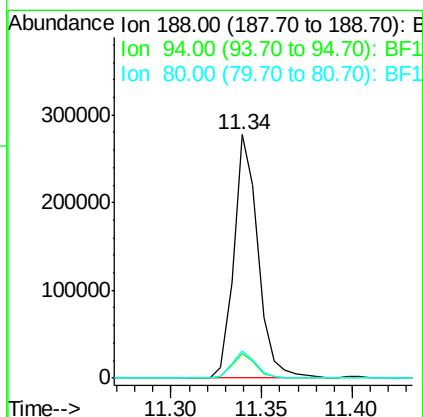
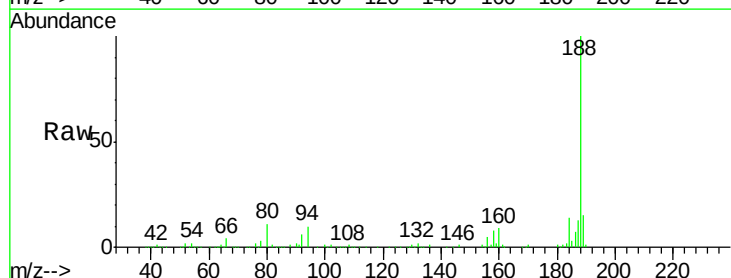
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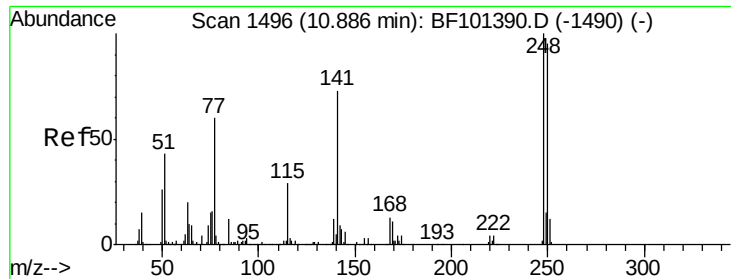
Tot Ion:	165	Resp:	19671
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF101507.D
 Acq: 19 Dec 2017 4:44

Tgt Ion:	188	Resp:	257635
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.0	9.2	13.8

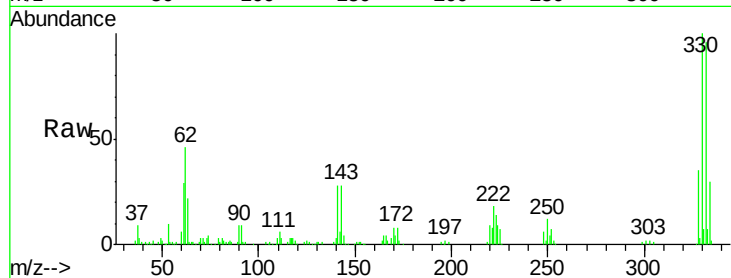




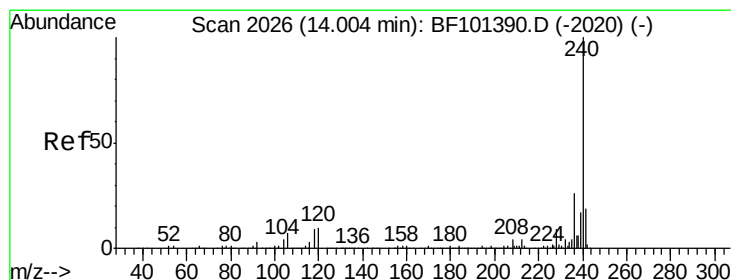
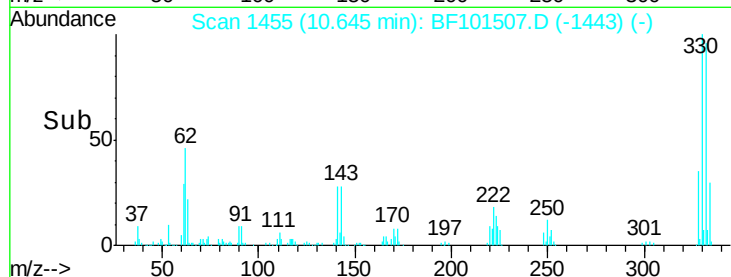
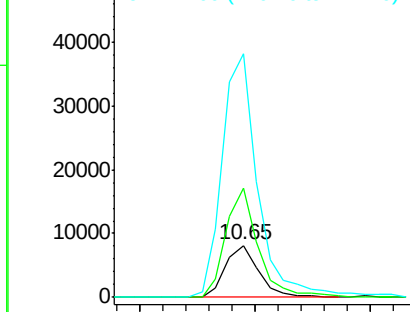
#66
4-Bromophenyl-phenylether
Concen: 2.88 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

Instrument :
BNA_F
ClientSampleId :
121217-FOPI-E-D-M

Tot Ion:248 Resp: 8328
Ion Ratio Lower Upper
248 100
250 209.6 76.9 115.3#
141 468.2 74.4 111.6#

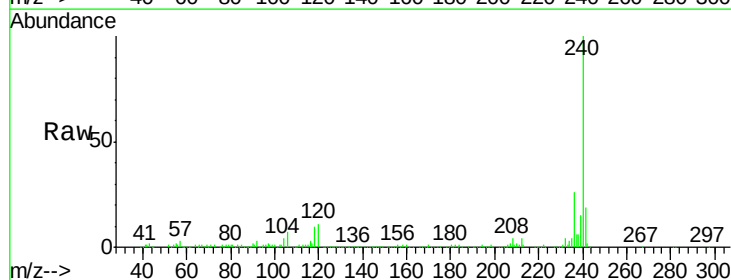


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

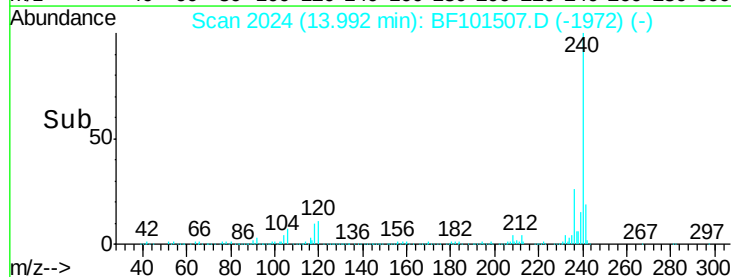
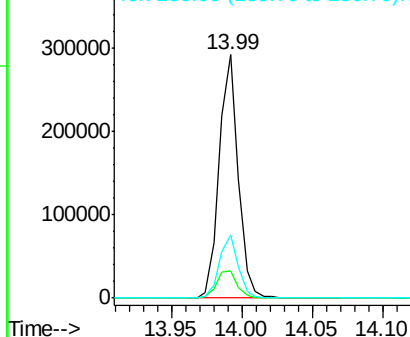


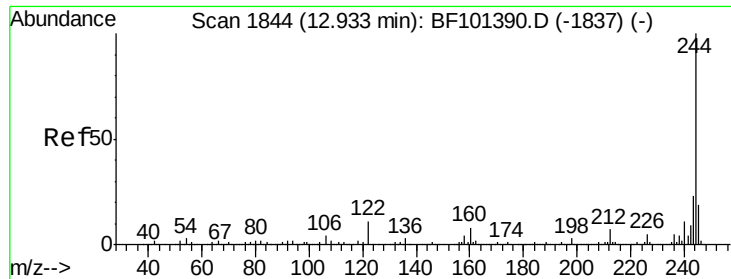
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF101507.D
Acq: 19 Dec 2017 4:44

Tgt Ion:240 Resp: 274721
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 26.1 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

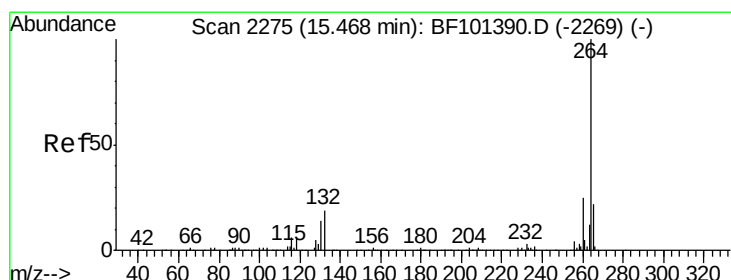
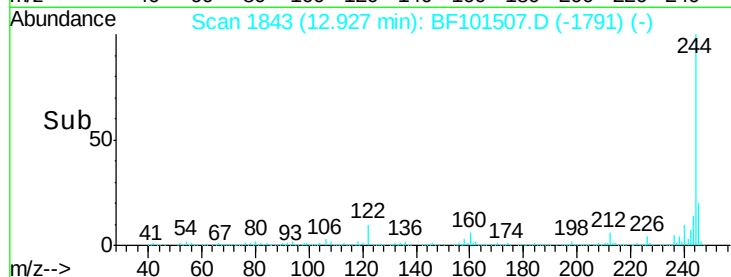
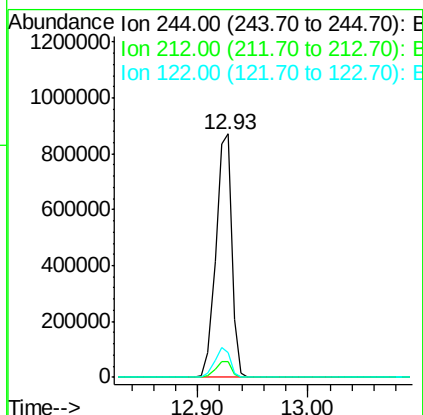
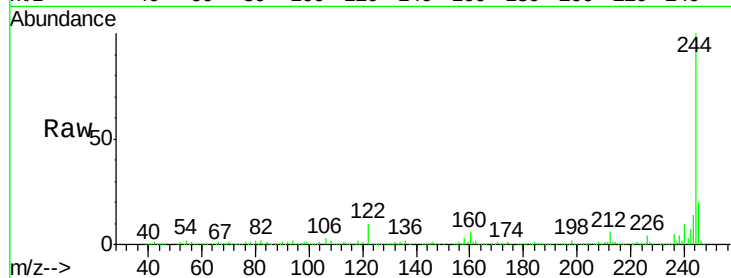




#78
 Terphenyl-d14
 Concen: 75.79 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF101507.D
 Acq: 19 Dec 2017 4:44

Instrument :
 BNA_F
 ClientSampleId :
 121217-FOPI-E-D-M

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.2	11.0	16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF101507.D
 Acq: 19 Dec 2017 4:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	17.5	26.3

