

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
 Data File : BF113705.D
 Acq On : 10 Apr 2019 19:25
 Operator : JU/SJ
 Sample : K2344-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 01:01:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

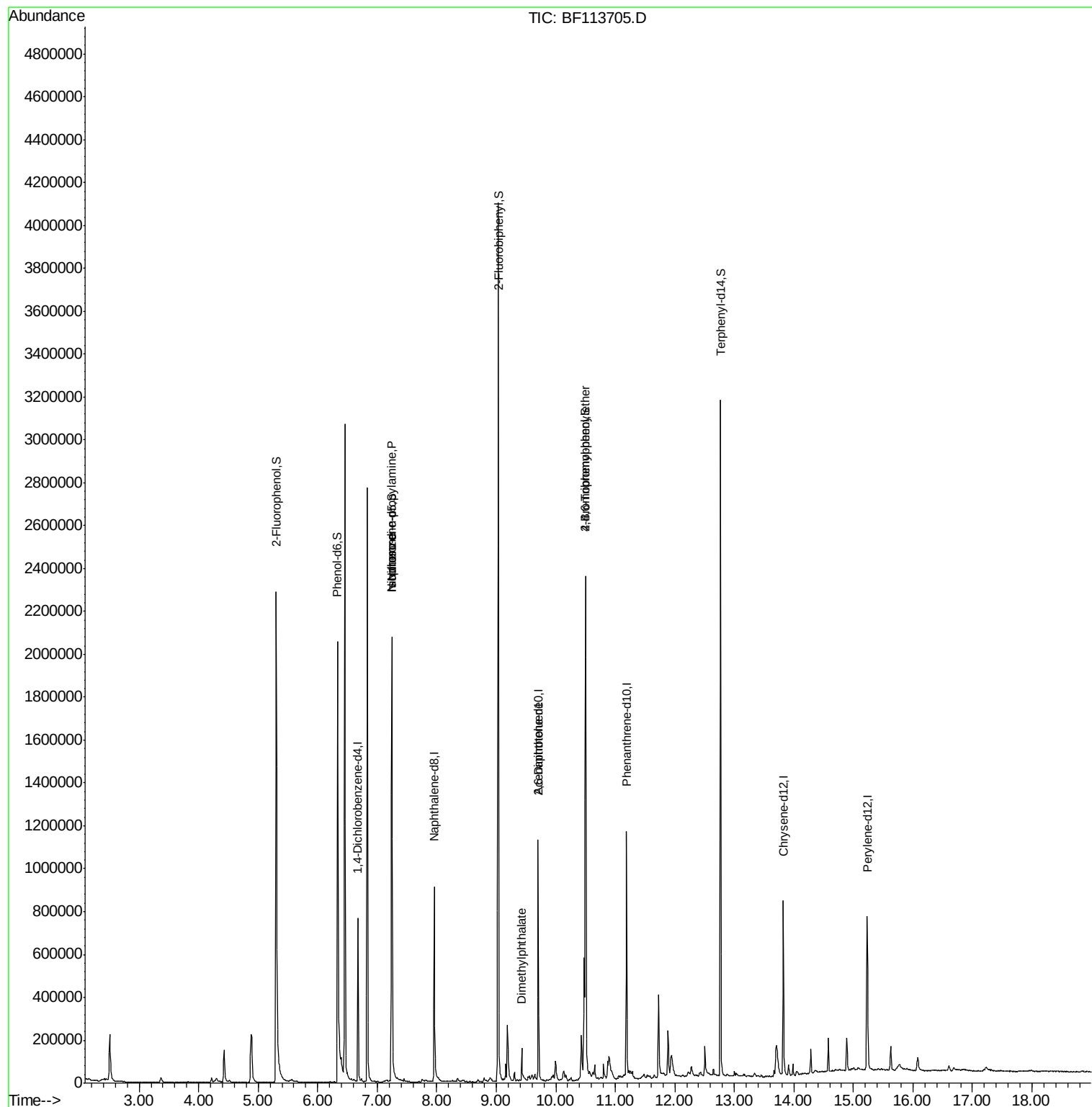
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	127373	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	480673	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	227931	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	433956	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	322344	20.00	ng	-0.02
87) Perylene-d12	15.23	264	300647	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	828440	110.91	ng	0.00
7) Phenol-d6	6.33	99	974641	105.87	ng	0.00
23) Nitrobenzene-d5	7.25	82	717329	87.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	355239	129.74	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1325390	93.61	ng	-0.02
79) Terphenyl-d14	12.77	244	1263613	79.81	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	91860	16.181	ng	# 77
25) Isophorone	7.25	82	717325	45.378	ng	# 64
50) Dimethylphthalate	9.43	163	65118	3.876	ng	100
51) 2,6-Dinitrotoluene	9.70	165	29411	7.941	ng	# 26
67) 4-Bromophenyl-phenylether	10.50	248	19657	4.039	ng	# 1

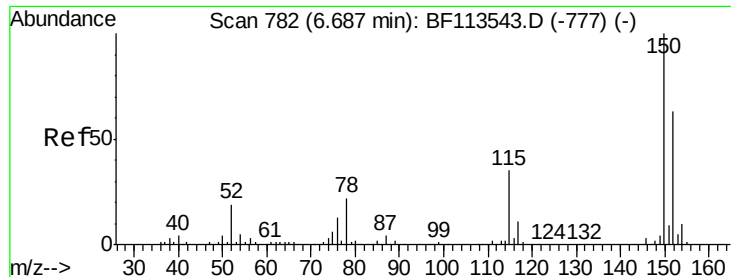
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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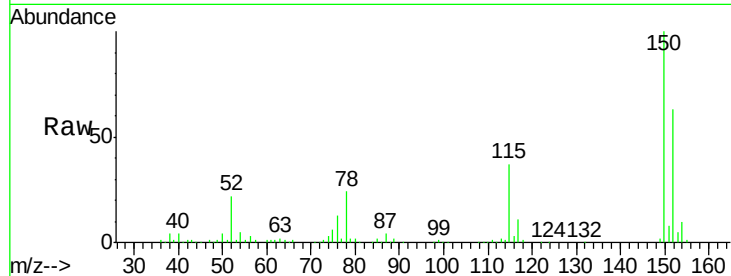


#1

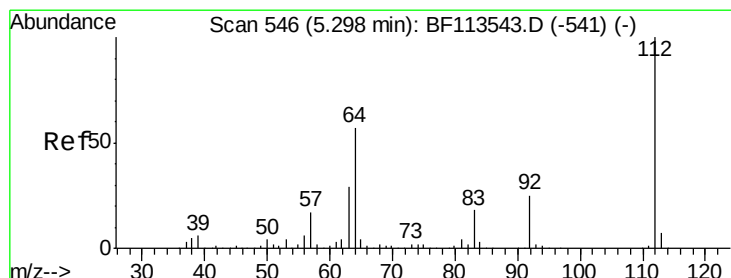
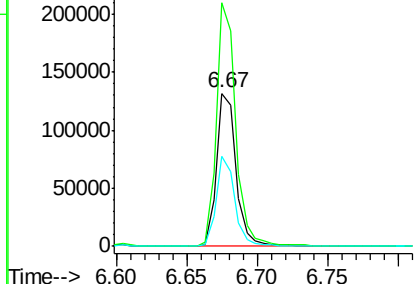
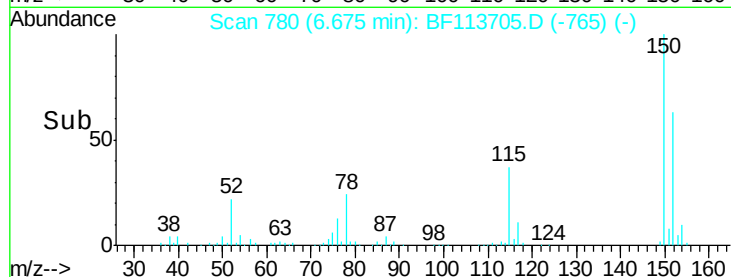
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113705.D
Acq: 10 Apr 2019 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127373
Ion Ratio Lower Upper
152 100
150 159.4 124.7 187.1
115 58.7 46.0 69.0



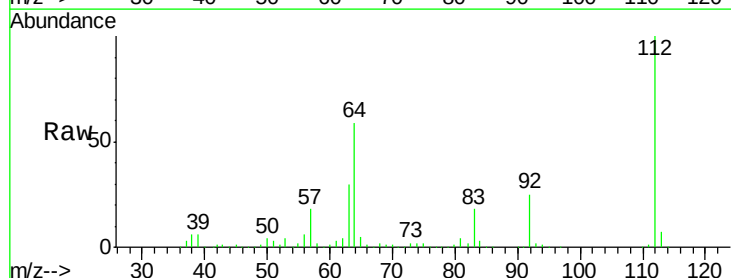
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



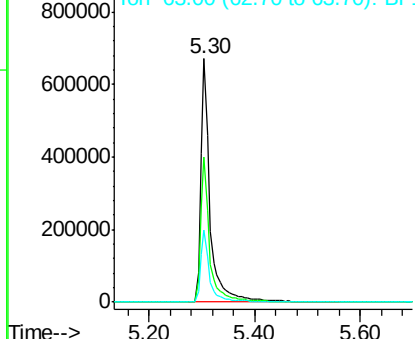
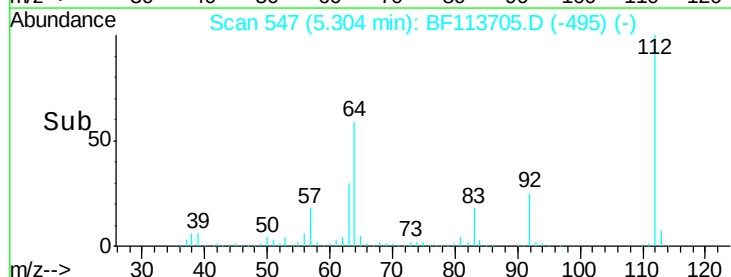
#5

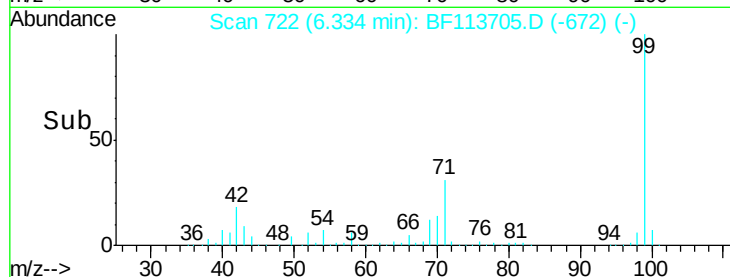
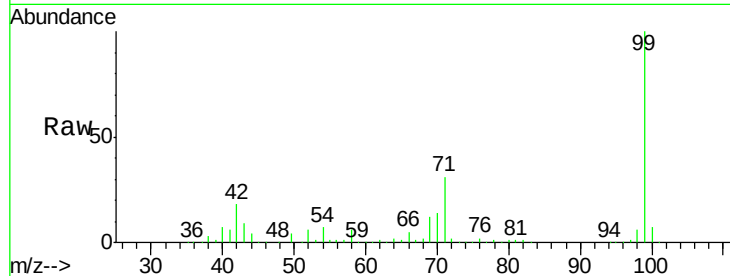
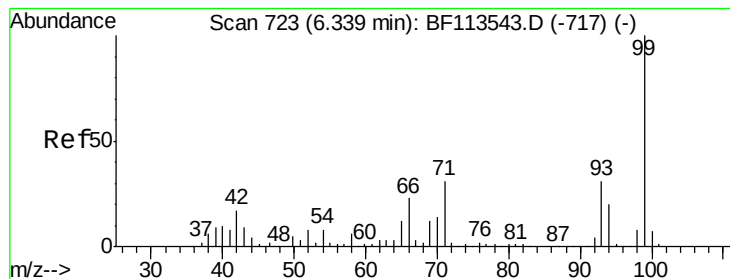
2-Fluorophenol
Concen: 110.909 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113705.D
Acq: 10 Apr 2019 19:25

Tgt Ion:112 Resp: 828440
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 29.7 24.9 37.3



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: 105.867 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113705.D

Acq: 10 Apr 2019 19:25

Tot Ion: 99 Resp: 974641

Ion Ratio Lower Upper

99 100

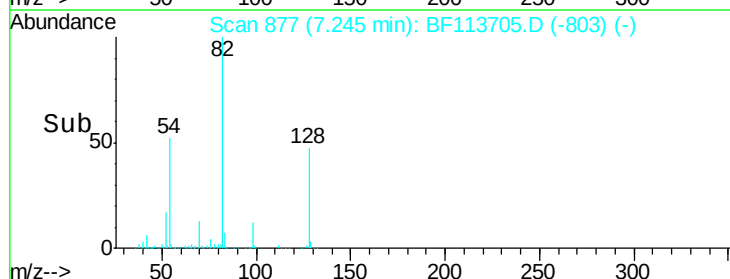
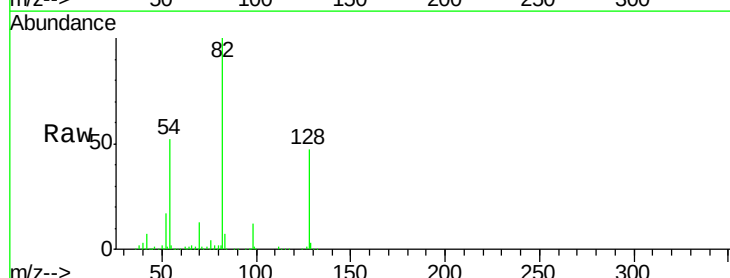
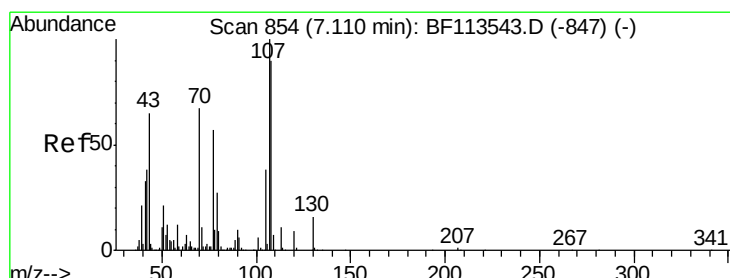
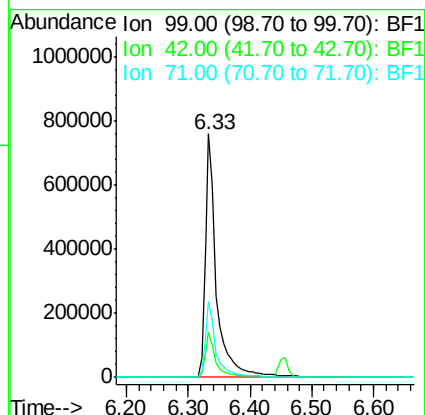
42 18.4 14.8 22.2

71 31.3 24.9 37.3

Instrument :

BNA_F

ClientSampled :



#19

n-Nitroso-di-n-propylamine

Concen: 16.181 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113705.D

Acq: 10 Apr 2019 19:25

Tgt Ion: 70 Resp: 91860

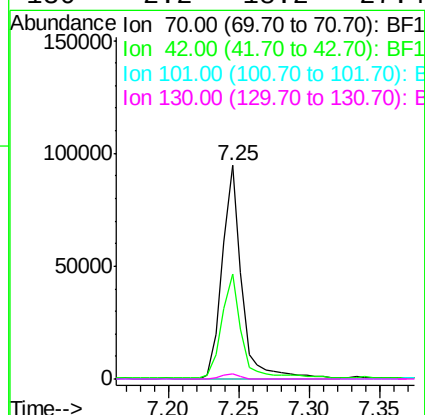
Ion Ratio Lower Upper

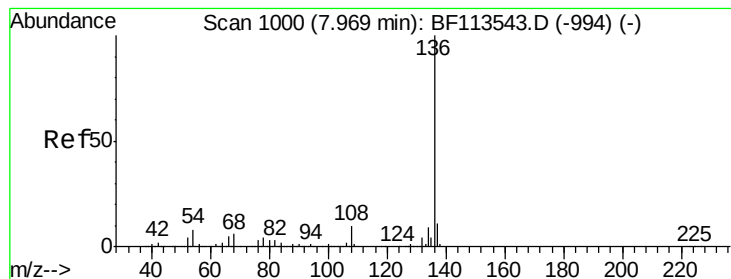
70 100

42 48.9 48.4 72.6

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113705.D

Acq: 10 Apr 2019 19:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 480673

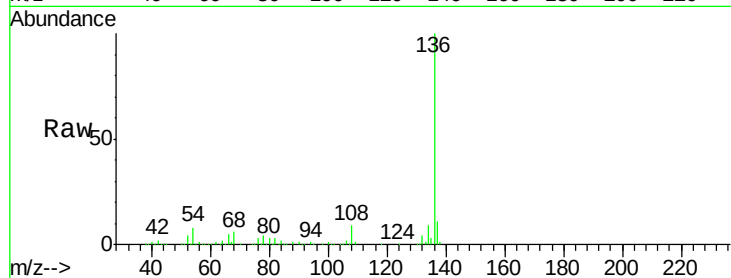
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.1 7.0 10.6

68 6.0 4.8 7.2

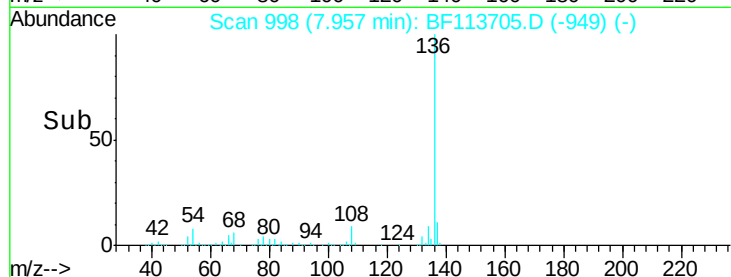


Abundance Ion 136.00 (135.70 to 136.70): E

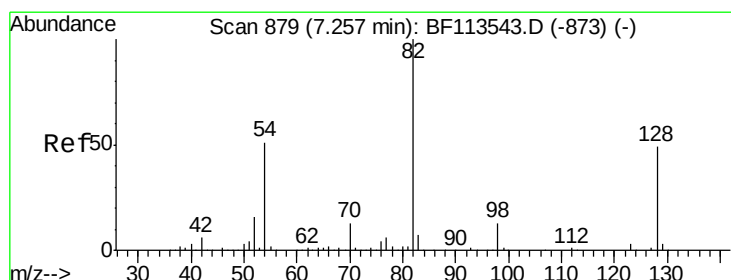
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 87.414 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113705.D

Acq: 10 Apr 2019 19:25

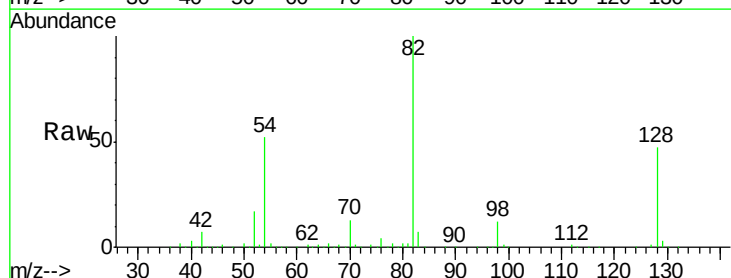
Tgt Ion: 82 Resp: 717329

Ion Ratio Lower Upper

82 100

128 46.8 36.5 54.7

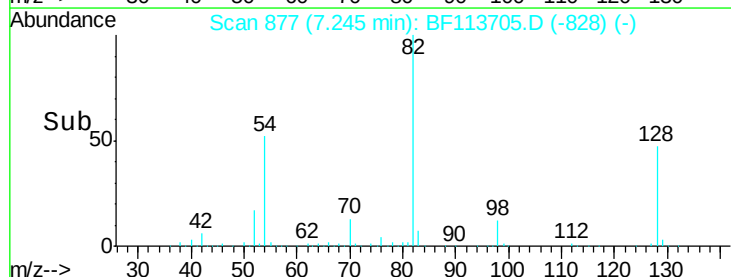
54 52.3 42.2 63.2



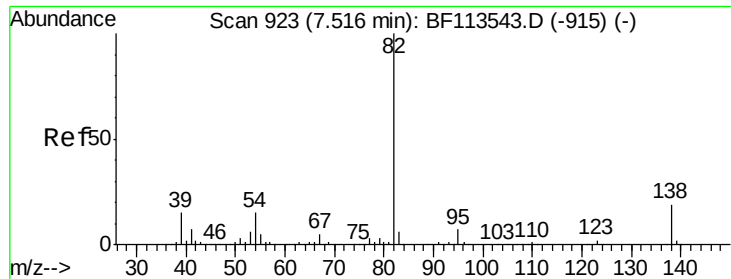
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#25

Isophorone

Concen: 45.378 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113705.D

Acq: 10 Apr 2019 19:25

Instrument :

BNA_F

ClientSampled :

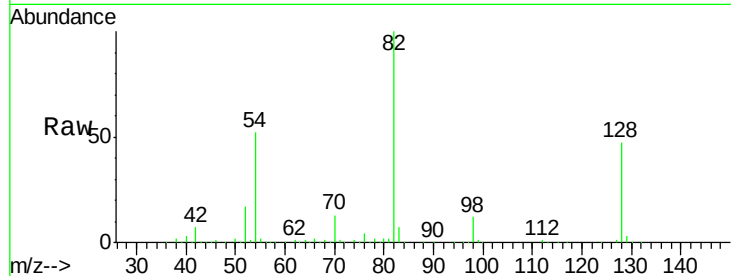
Tot Ion: 82 Resp: 717325

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

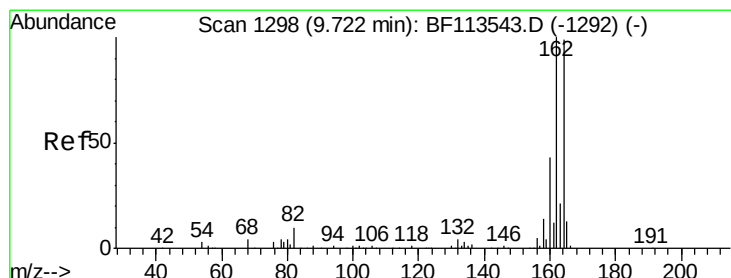
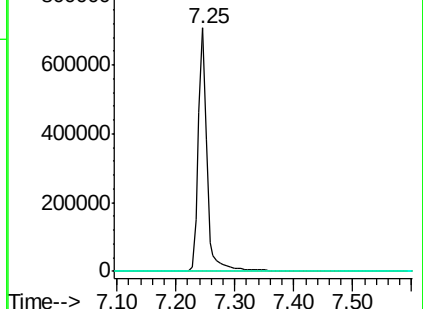
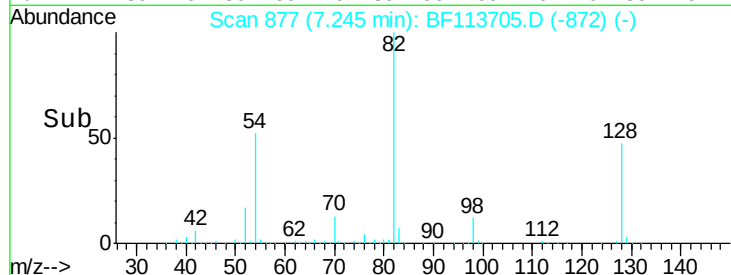
138 0.0 15.2 22.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113705.D

Acq: 10 Apr 2019 19:25

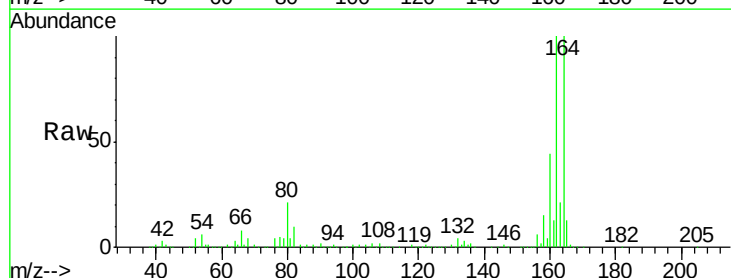
Tgt Ion: 164 Resp: 227931

Ion Ratio Lower Upper

164 100

162 99.8 81.8 122.6

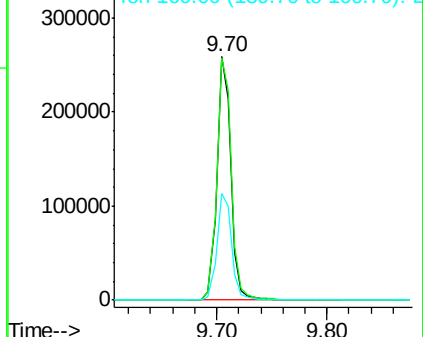
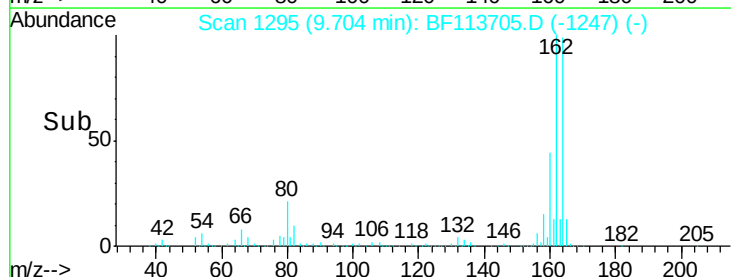
160 43.7 36.4 54.6

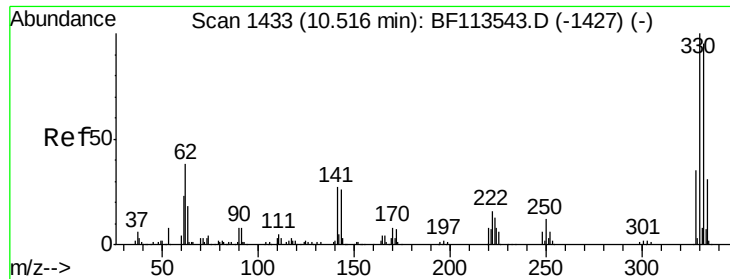


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

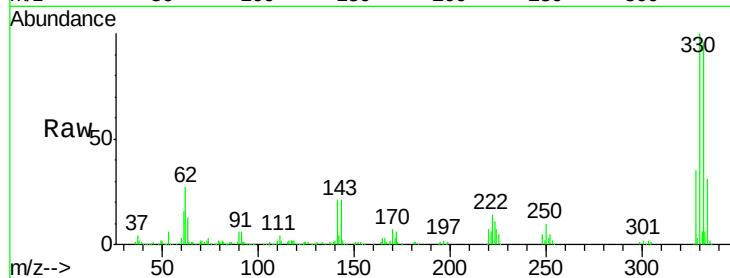




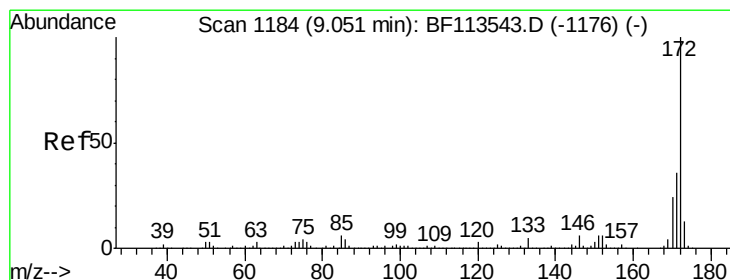
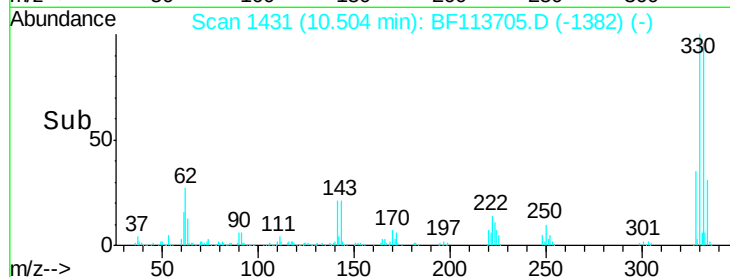
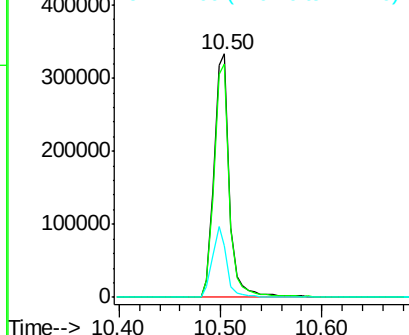
#42
 2,4,6-Tribromophenol
 Concen: 129.744 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113705.D
 Acq: 10 Apr 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.8	116.6
141	27.8	22.7	34.1

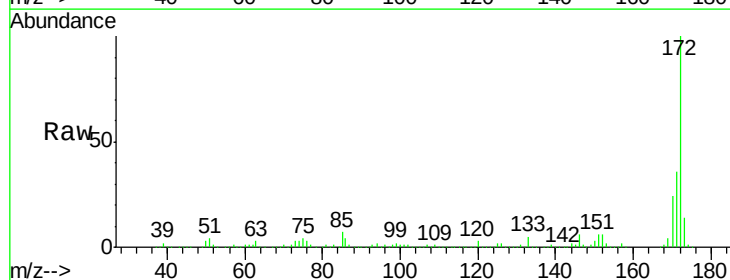


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

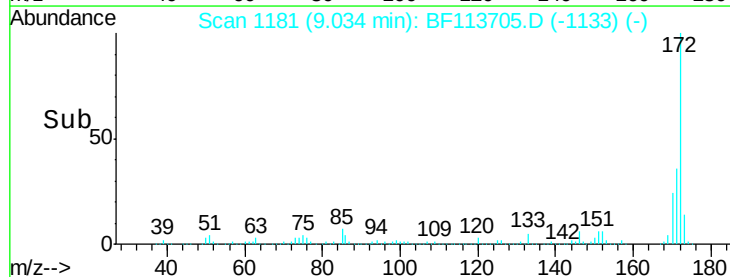
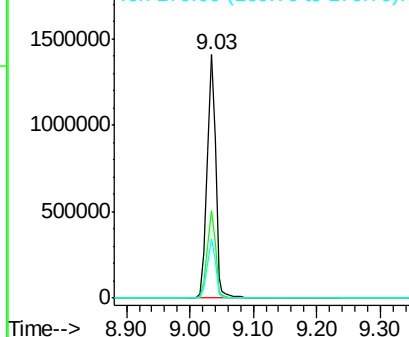


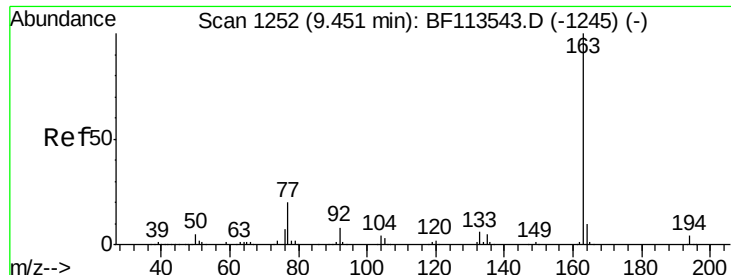
#45
 2-Fluorobiphenyl
 Concen: 93.613 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113705.D
 Acq: 10 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	19.5	29.3



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

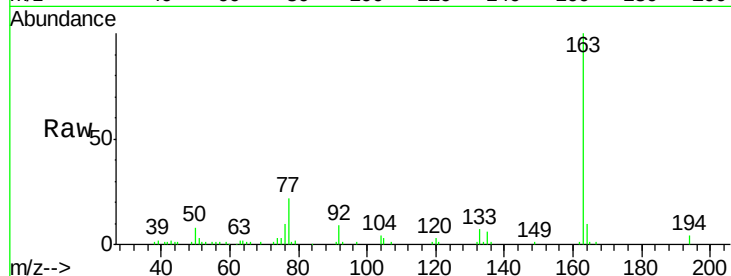




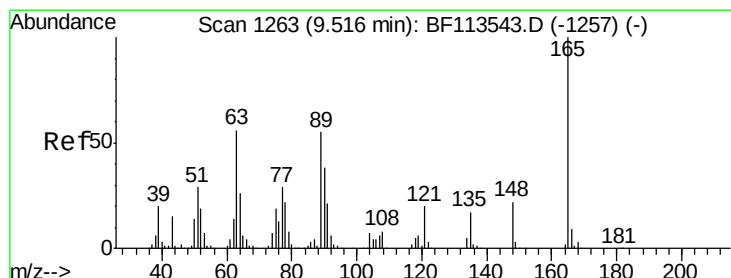
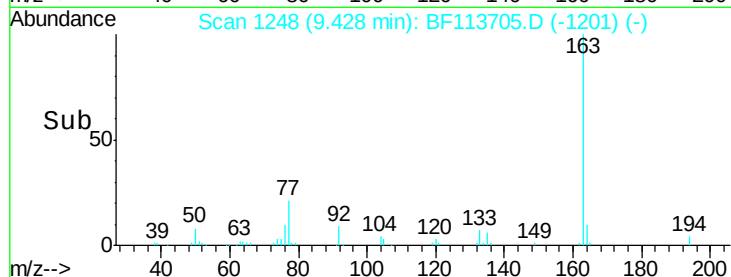
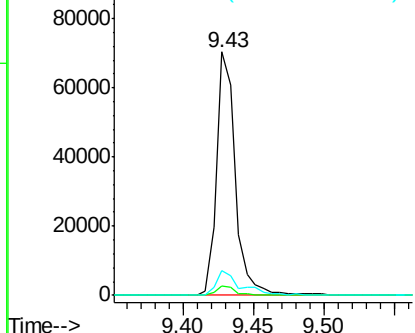
#50
Dimethylphthalate
Concen: 3.876 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113705.D
Acq: 10 Apr 2019 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 65118
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.0 8.1 12.1

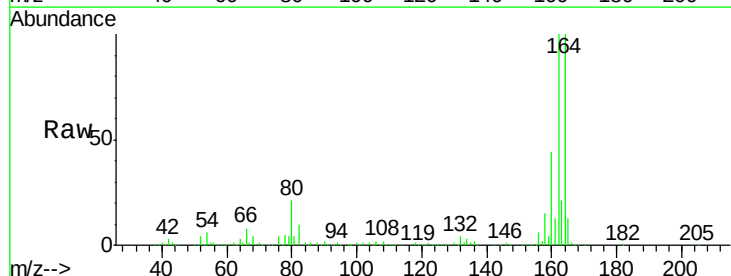


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

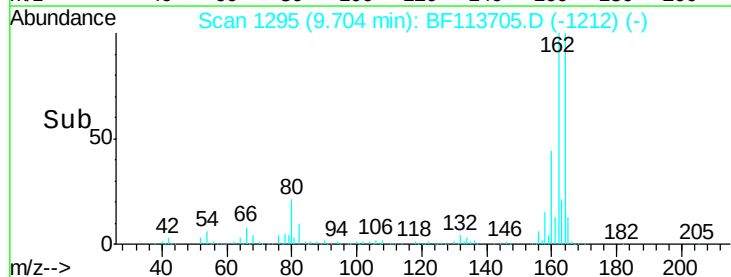
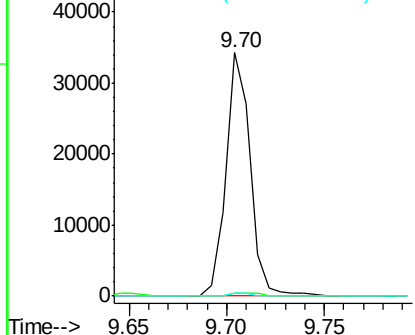


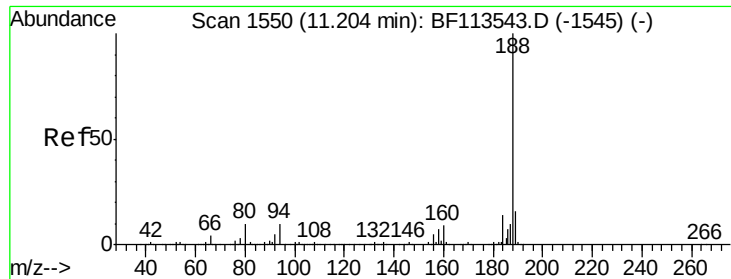
#51
2,6-Dinitrotoluene
Concen: 7.941 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.19 min
Lab File: BF113705.D
Acq: 10 Apr 2019 19:25

Tgt Ion:165 Resp: 29411
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.0#
89 1.3 43.1 64.7#



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

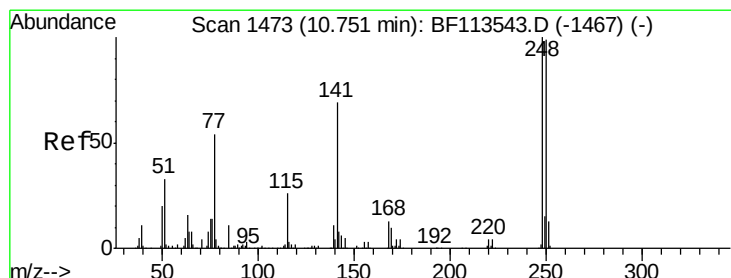
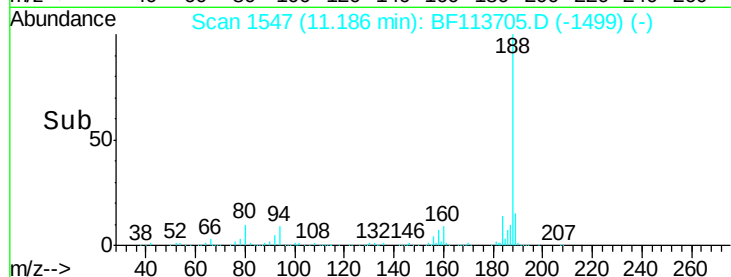
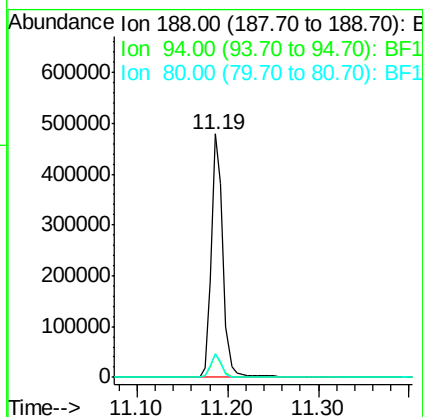
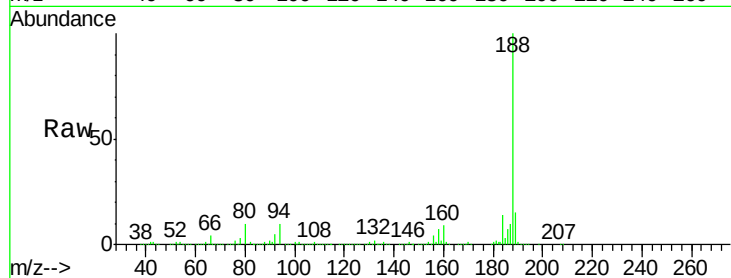




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113705.D
Acq: 10 Apr 2019 19:25

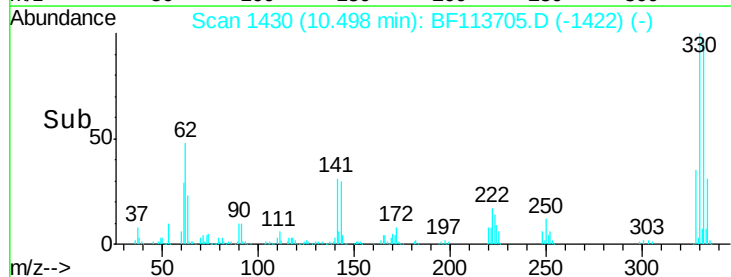
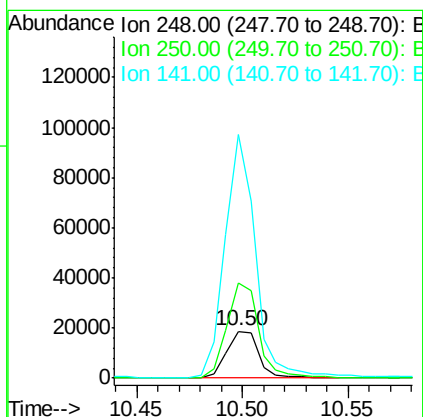
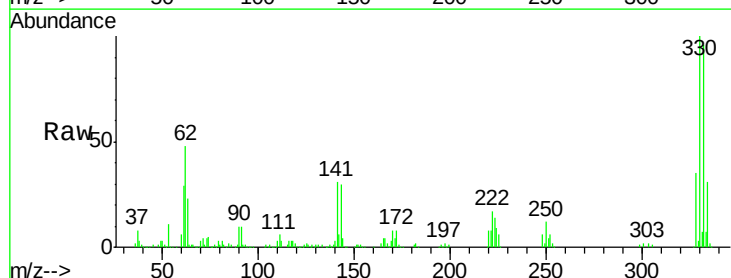
Instrument :
BNA_F
ClientSampleId :

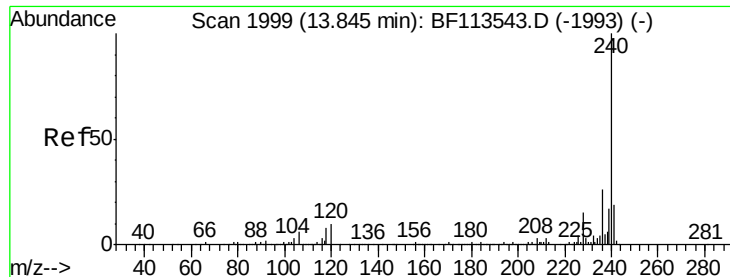
Tot Ion:188 Resp: 433956
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.7 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.039 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113705.D
Acq: 10 Apr 2019 19:25

Tgt Ion:248 Resp: 19657
Ion Ratio Lower Upper
248 100
250 204.4 78.3 117.5#
141 520.7 56.2 84.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113705.D

Acq: 10 Apr 2019 19:25

Instrument :

BNA_F

ClientSampleId :

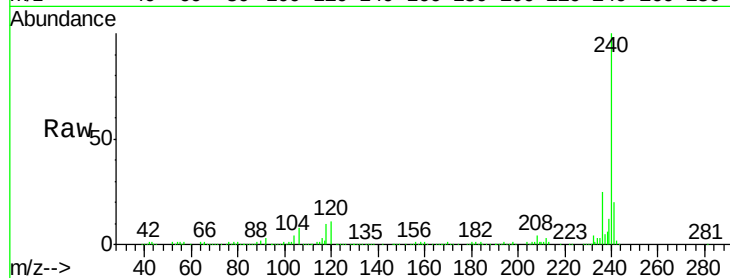
Tot Ion:240 Resp: 322344

Ion Ratio Lower Upper

240 100

120 11.4 8.8 13.2

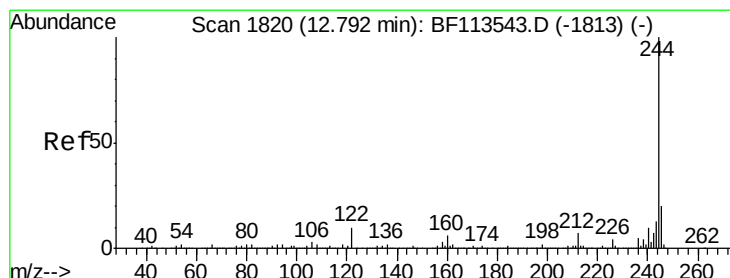
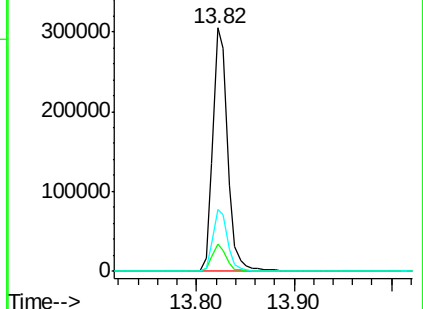
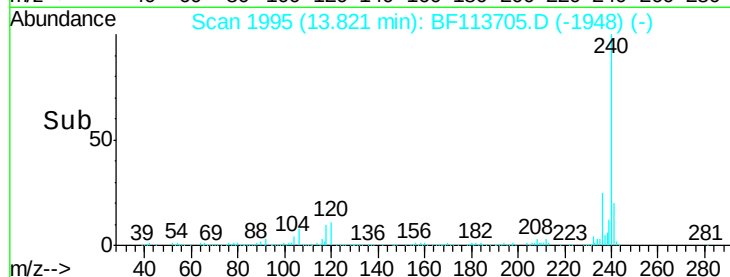
236 25.3 20.9 31.3



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



#79

Terphenyl-d14

Concen: 79.813 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113705.D

Acq: 10 Apr 2019 19:25

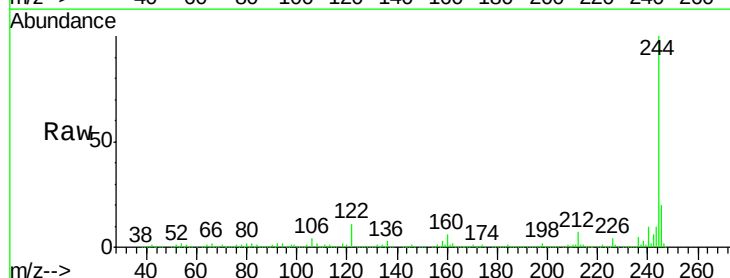
Tgt Ion:244 Resp: 1263613

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

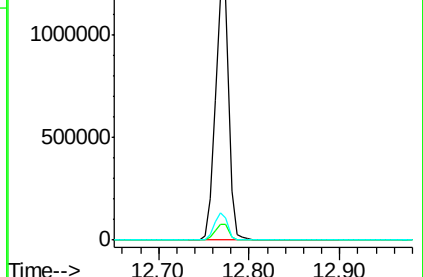
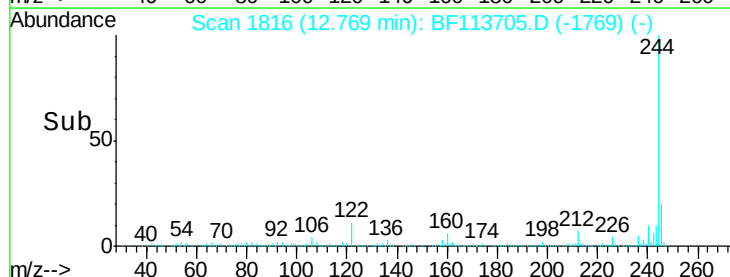
122 11.4 8.6 13.0

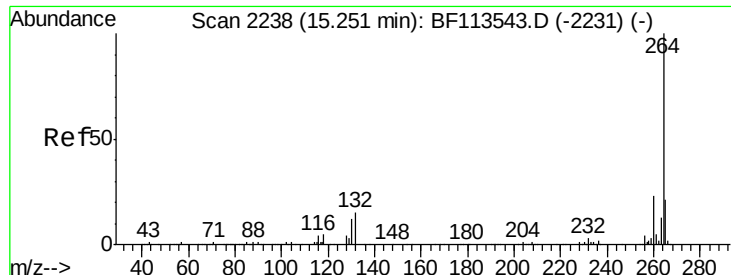


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113705.D
Acq: 10 Apr 2019 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	22.3	17.1	25.7

