

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113745.D
 Acq On : 12 Apr 2019 18:28
 Operator : JU/SJ
 Sample : K2377-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 23:01:32 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

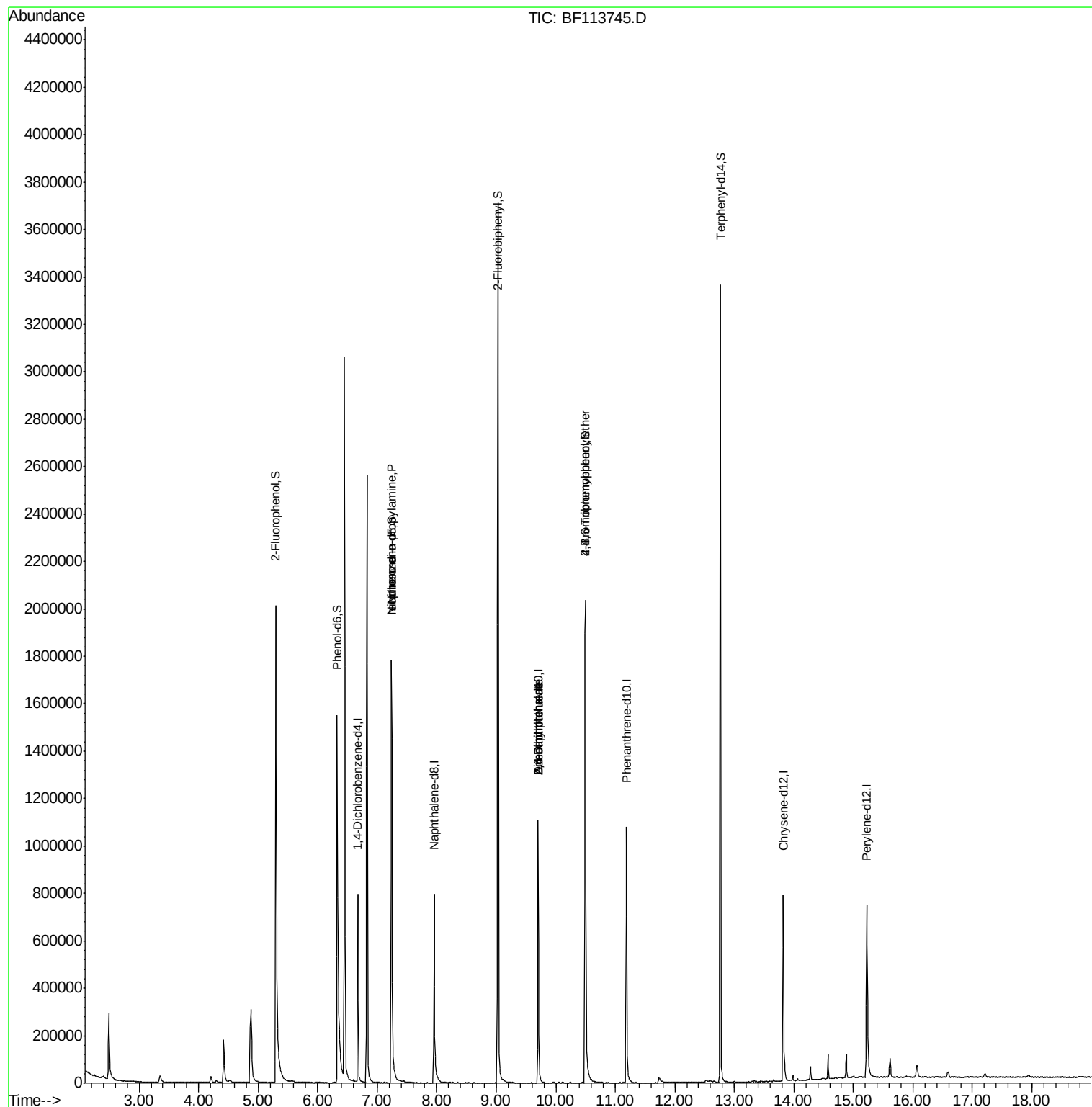
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	131209	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	502001	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	239743	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	478389	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	349791	20.00	ng	-0.02
87) Perylene-d12	15.23	264	384342	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	799864	103.95	ng	0.00
7) Phenol-d6	6.33	99	928559	97.91	ng	-0.01
23) Nitrobenzene-d5	7.24	82	709317	82.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	358382	124.44	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1313244	88.19	ng	-0.02
79) Terphenyl-d14	12.77	244	1374177	79.99	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	90301	15.441	ng	# 77
25) Isophorone	7.24	82	709314	42.964	ng	# 64
50) Dimethylphthalate	9.70	163	54672	3.094	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	30338	7.788	ng	# 26
57) 2,4-Dinitrotoluene	9.70	165	30338	6.439	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	20119	3.750	ng	# 1

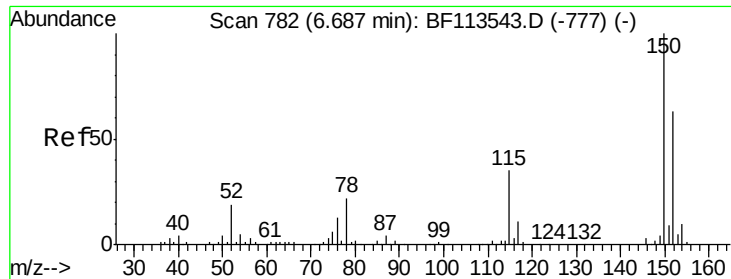
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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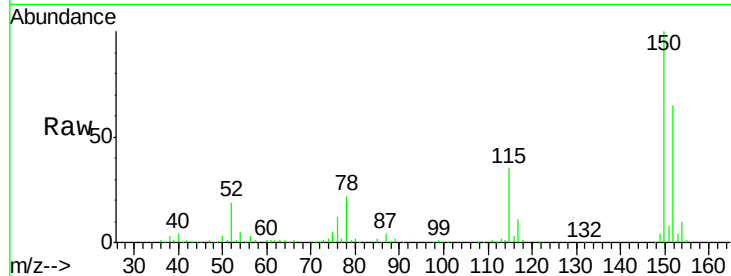


#1

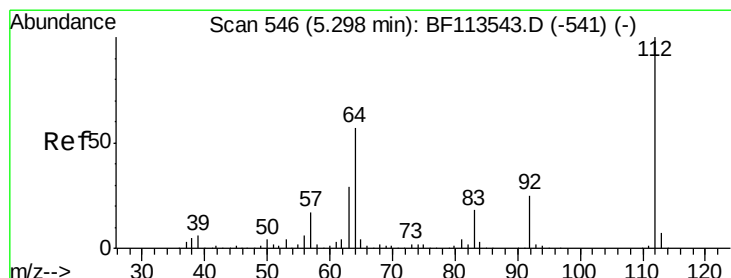
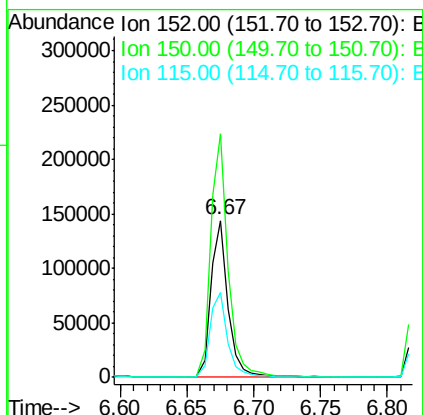
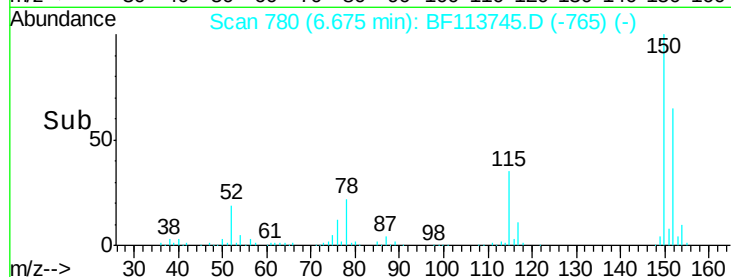
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF113745.D
 Acq: 12 Apr 2019 18:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.7	187.1
115	54.3	46.0	69.0



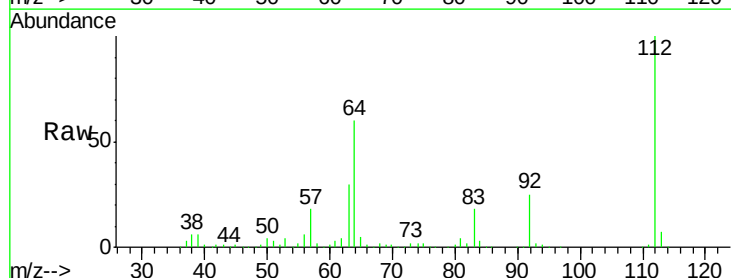
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



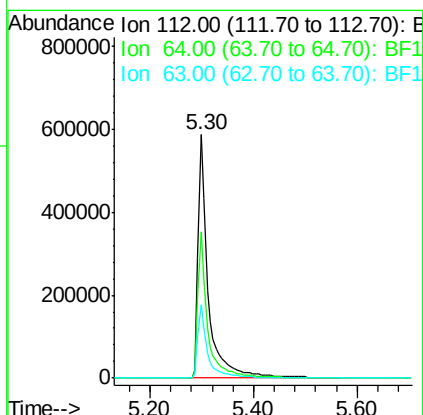
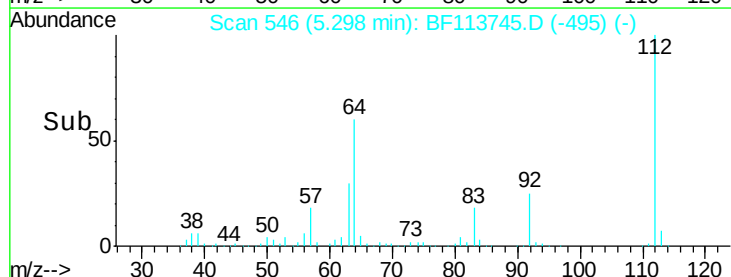
#5

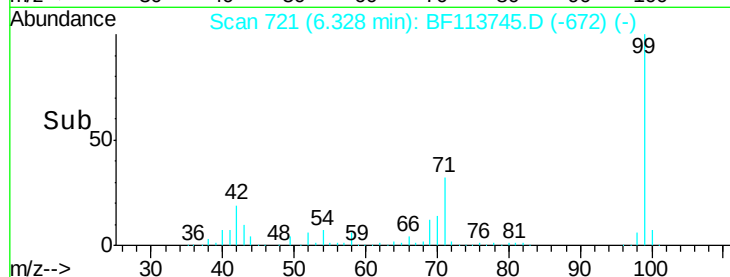
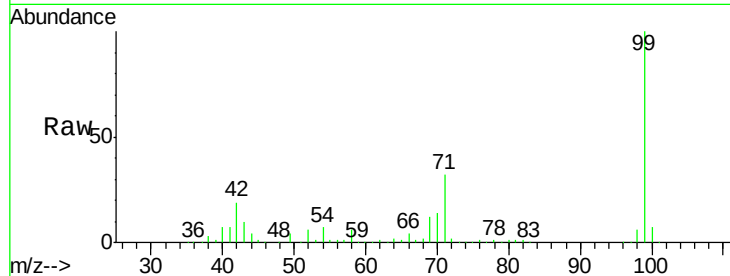
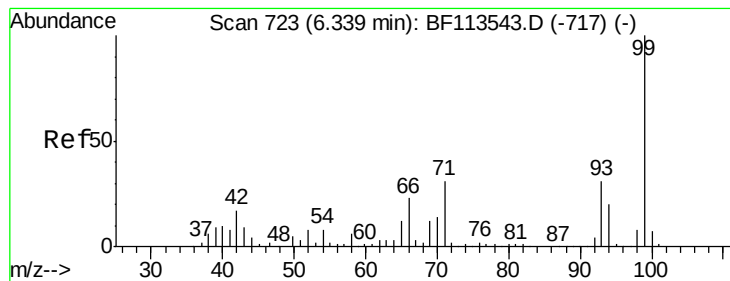
2-Fluorophenol
 Concen: 103.953 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF113745.D
 Acq: 12 Apr 2019 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	49.2	73.8
63	30.4	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: 97.913 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113745.D

Acq: 12 Apr 2019 18:28

Instrument :

BNA_F

ClientSampleId :

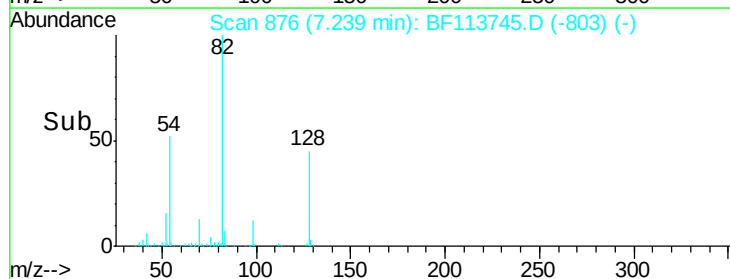
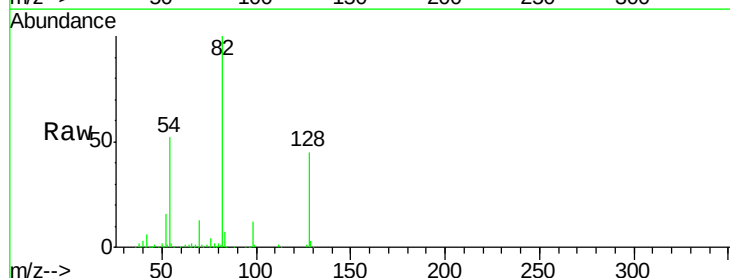
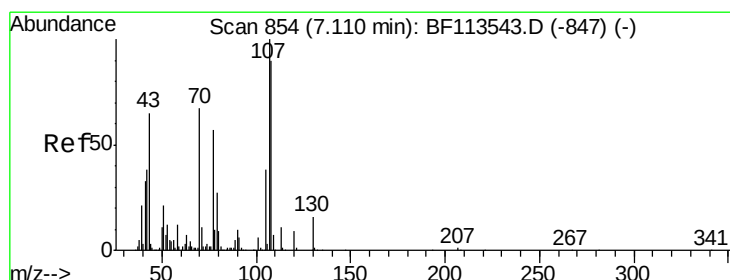
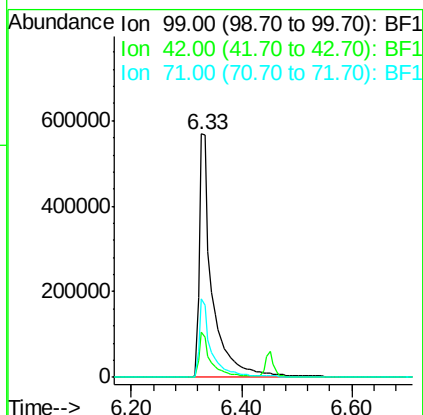
Tot Ion: 99 Resp: 928559

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

71 32.0 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.441 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113745.D

Acq: 12 Apr 2019 18:28

Tgt Ion: 70 Resp: 90301

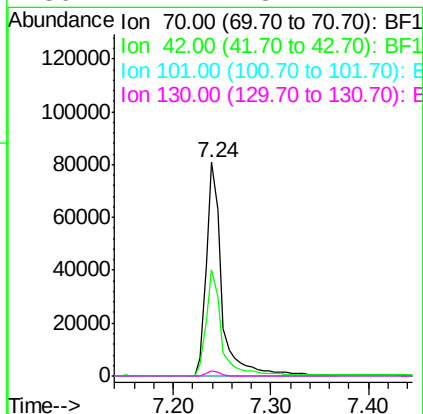
Ion Ratio Lower Upper

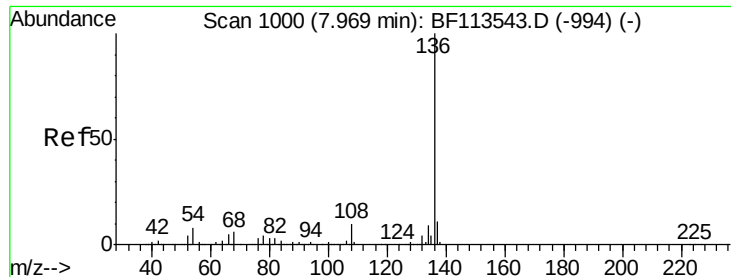
70 100

42 49.6 48.4 72.6

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

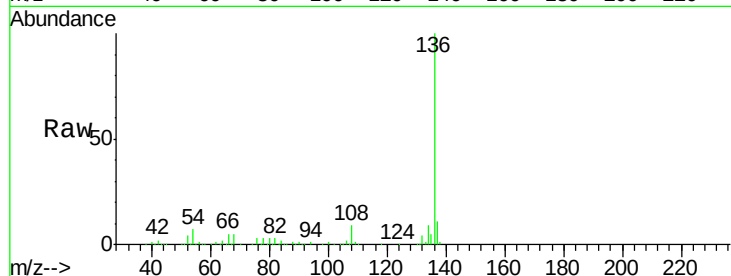




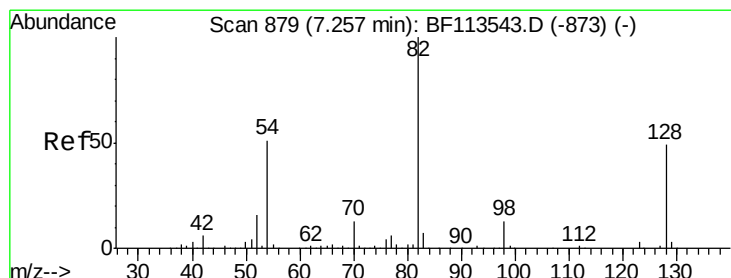
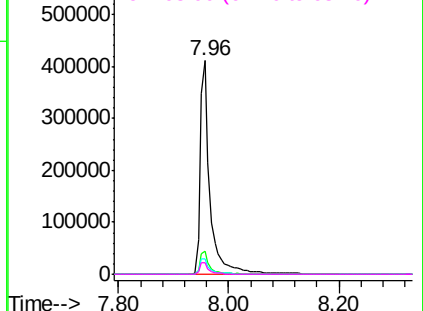
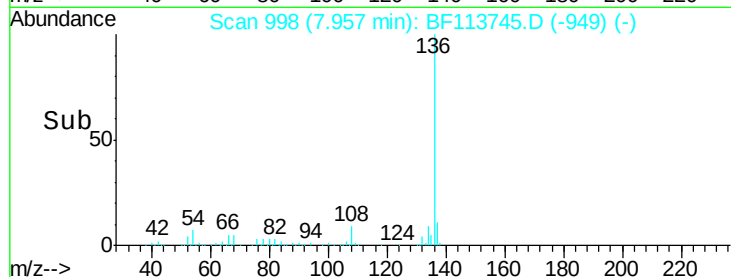
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113745.D
Acq: 12 Apr 2019 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	502001
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	6.9	7.0 10.6#
68	5.4	4.8 7.2

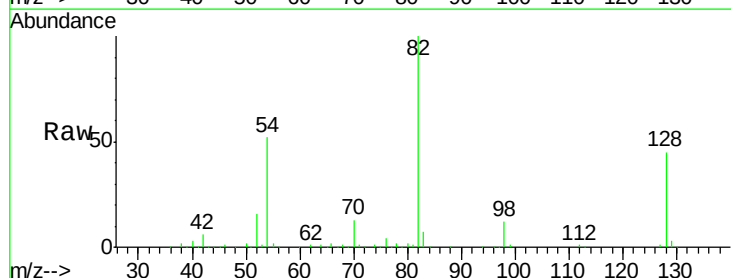


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

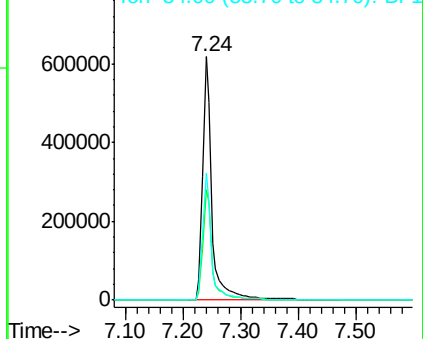
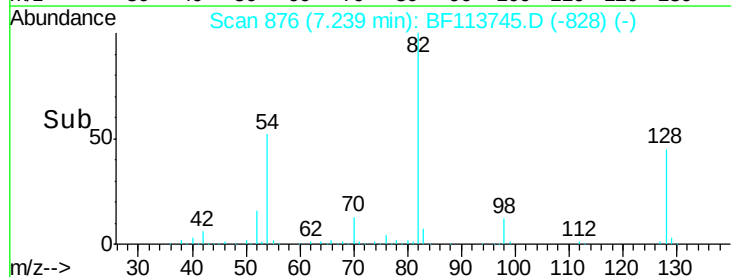


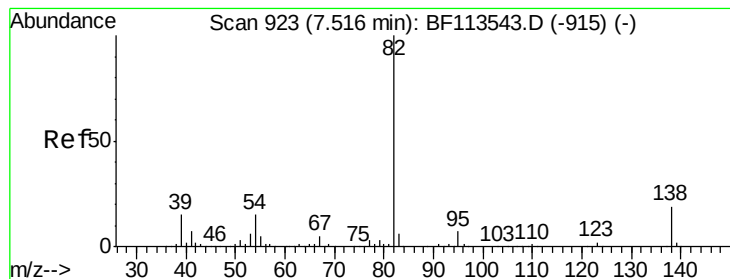
#23
Nitrobenzene-d5
Concen: 82.766 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113745.D
Acq: 12 Apr 2019 18:28

Tgt Ion: 82	Resp:	709317
Ion	Ratio	Lower Upper
82	100	
128	45.2	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





#25

Isophorone

Concen: 42.964 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113745.D

Acq: 12 Apr 2019 18:28

Instrument :

BNA_F

ClientSampleId :

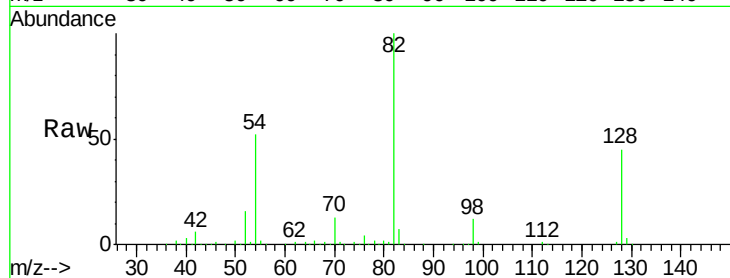
Tot Ion: 82 Resp: 709314

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

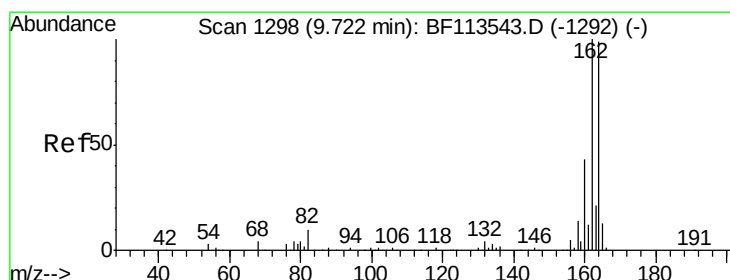
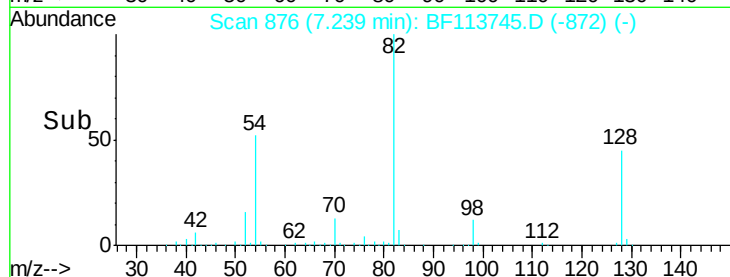
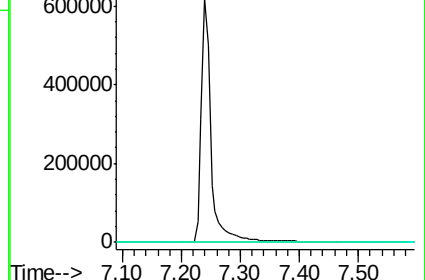
138 0.0 15.2 22.8#



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: BF113745.D

Acq: 12 Apr 2019 18:28

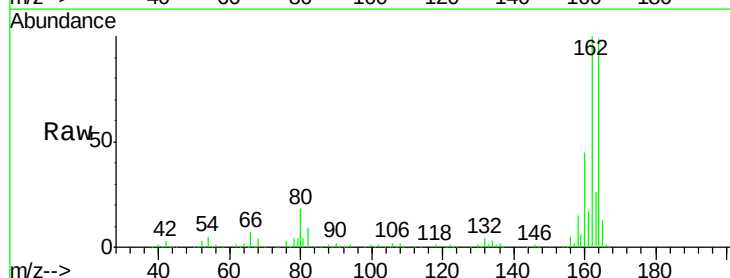
Tgt Ion: 164 Resp: 239743

Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.6

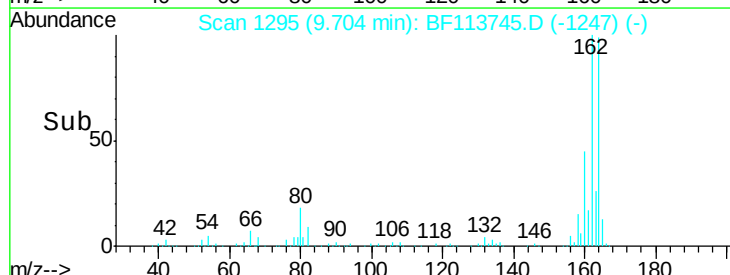
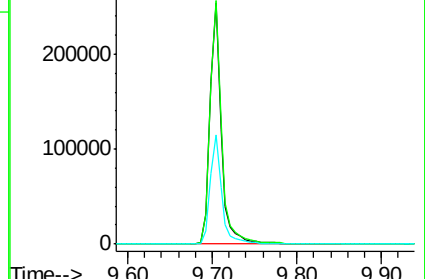
160 45.5 36.4 54.6

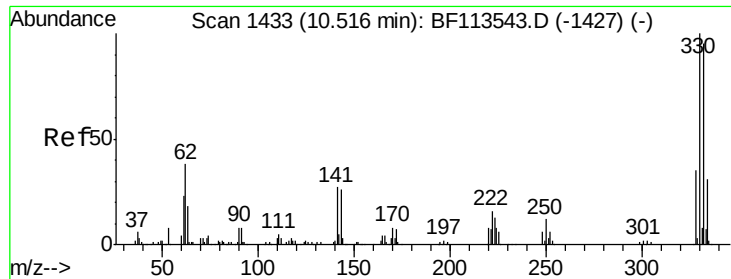


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

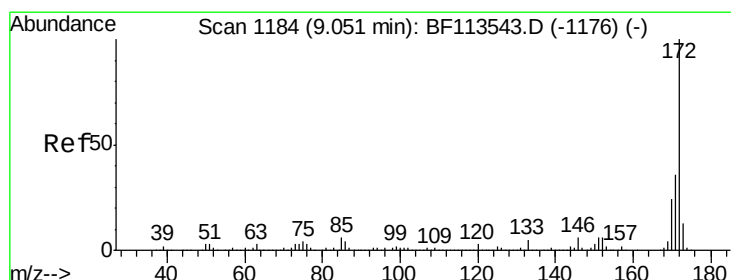
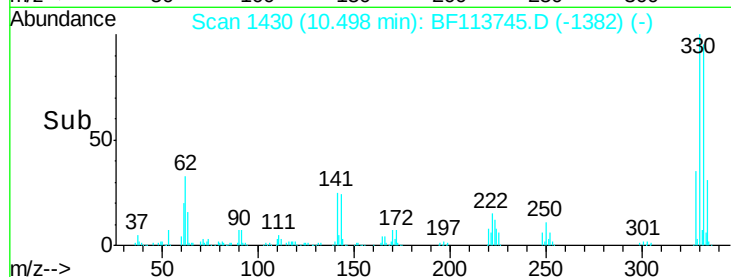
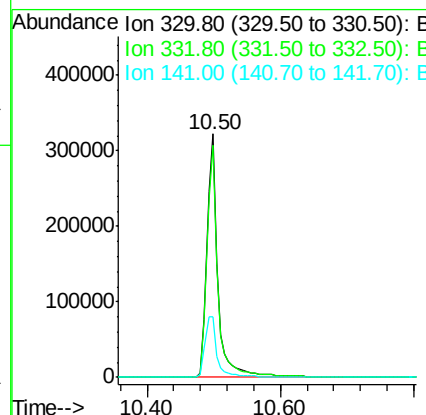
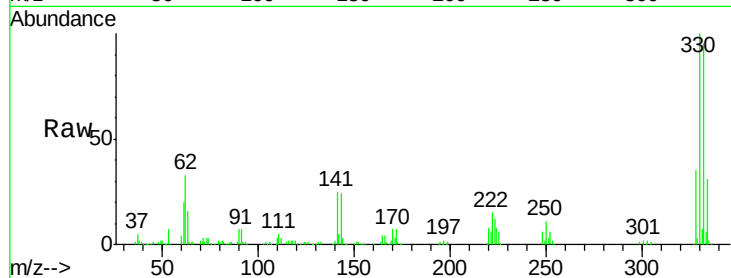




#42
 2,4,6-Tribromophenol
 Concen: 124.443 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113745.D
 Acq: 12 Apr 2019 18:28

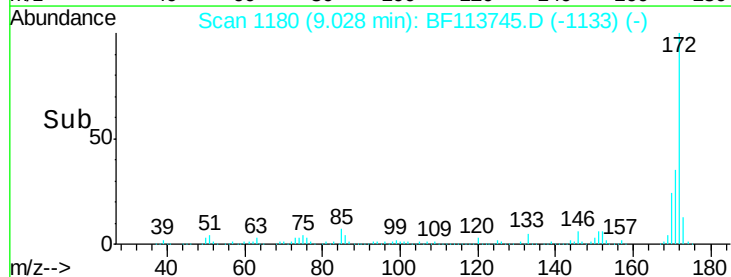
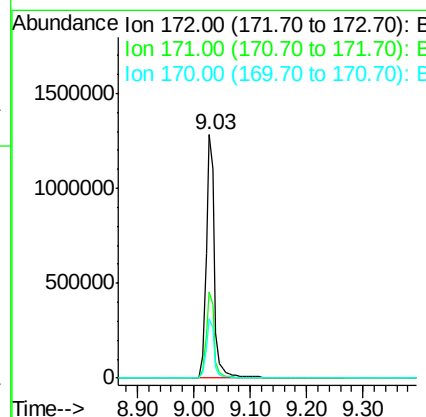
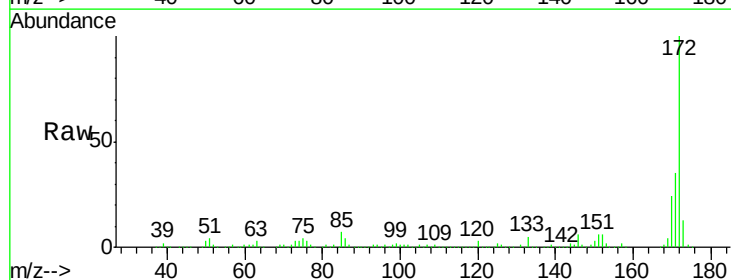
Instrument :
 BNA_F
 ClientSampleId :

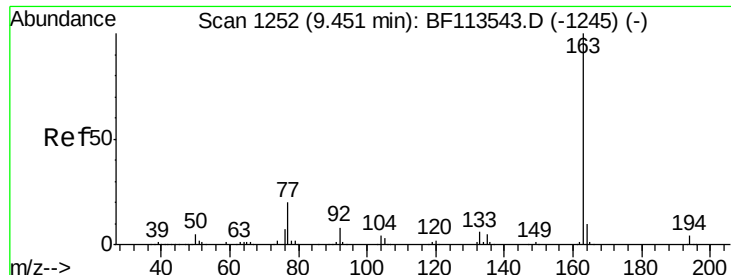
Tot Ion:330 Resp: 358382
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.8 116.6
 141 28.1 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 88.185 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113745.D
 Acq: 12 Apr 2019 18:28

Tgt Ion:172 Resp: 1313244
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 24.4 19.5 29.3





#50

Dimethylphthalate

Concen: 3.094 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.25 min

Lab File: BF113745.D

Acq: 12 Apr 2019 18:28

Instrument :

BNA_F

ClientSampleId :

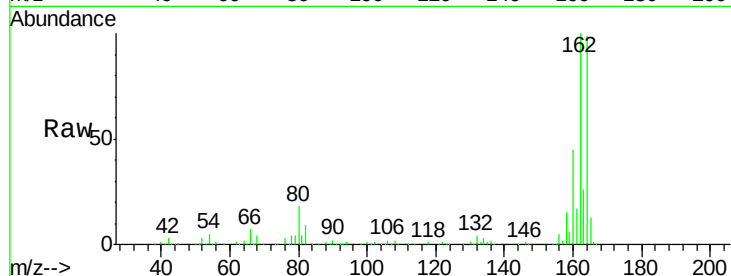
Tot Ion:163 Resp: 54672

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

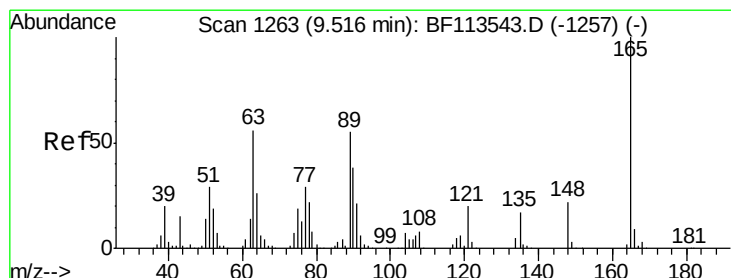
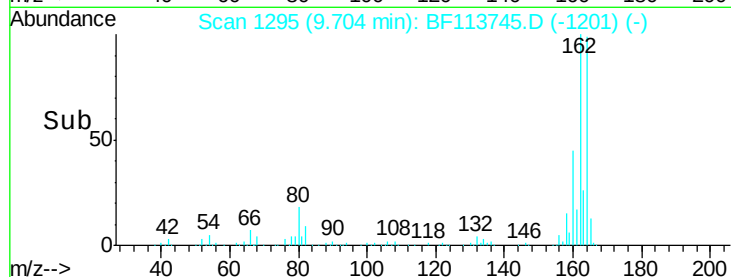
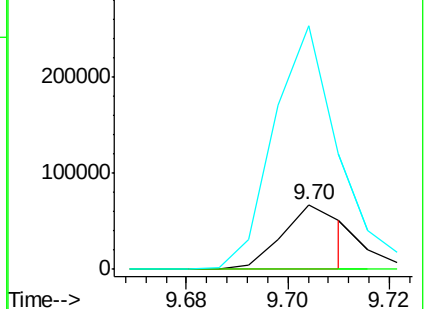
164 378.0 8.1 12.1#



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: 7.788 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.19 min

Lab File: BF113745.D

Acq: 12 Apr 2019 18:28

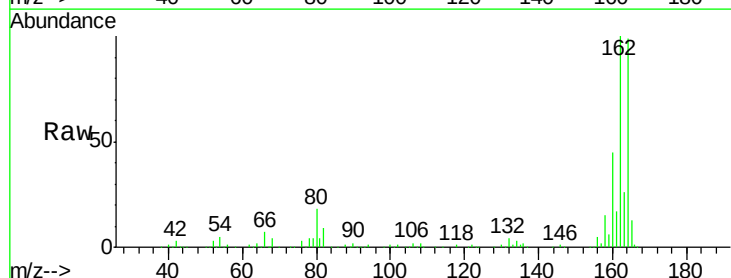
Tgt Ion:165 Resp: 30338

Ion Ratio Lower Upper

165 100

63 1.4 43.4 65.0#

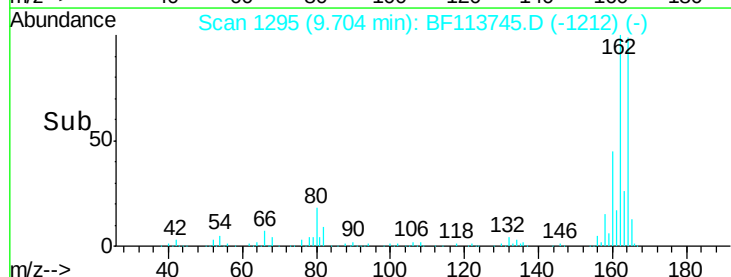
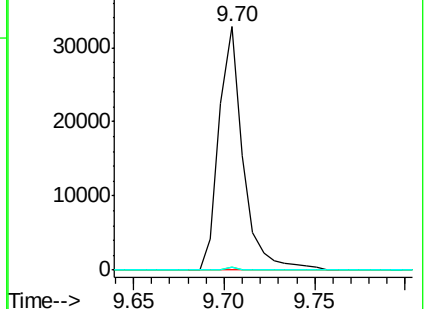
89 1.2 43.1 64.7#

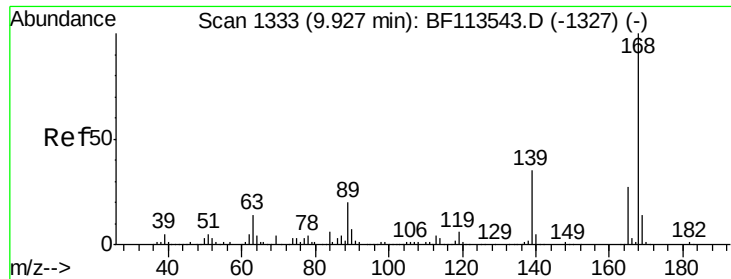


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

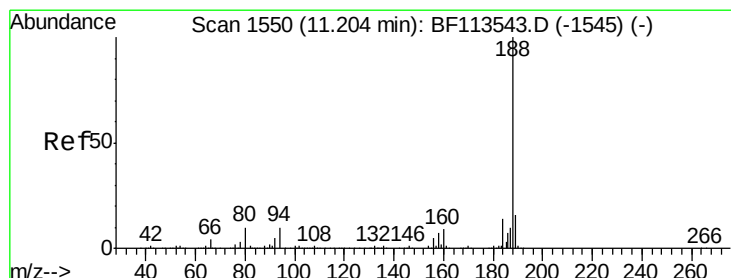
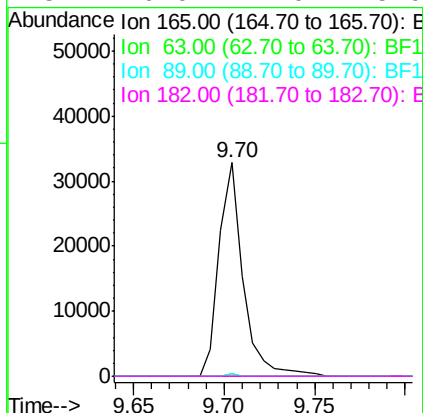
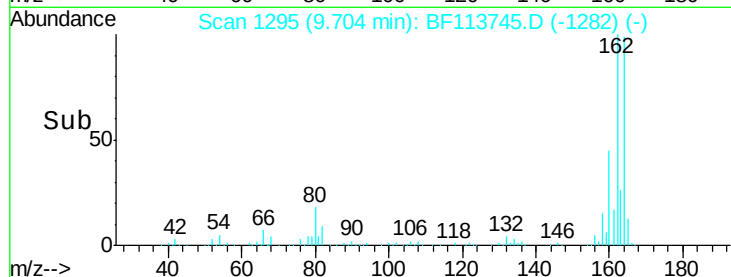
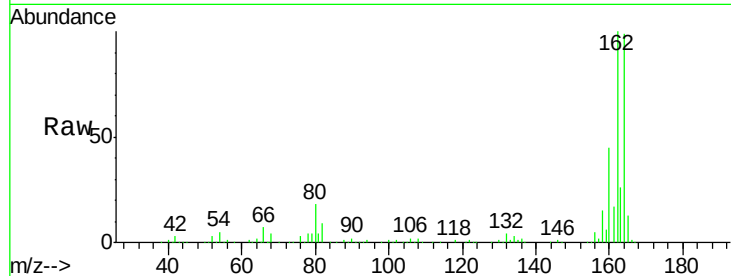




#57
 2,4-Dinitrotoluene
 Concen: 6.439 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.22 min
 Lab File: BF113745.D
 Acq: 12 Apr 2019 18:28

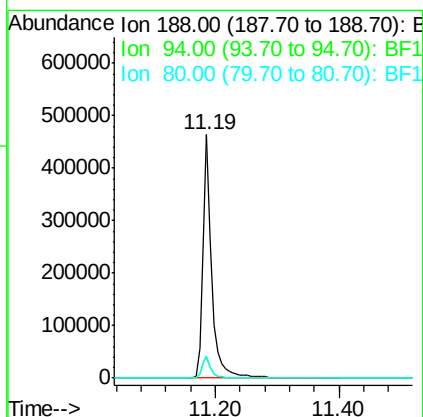
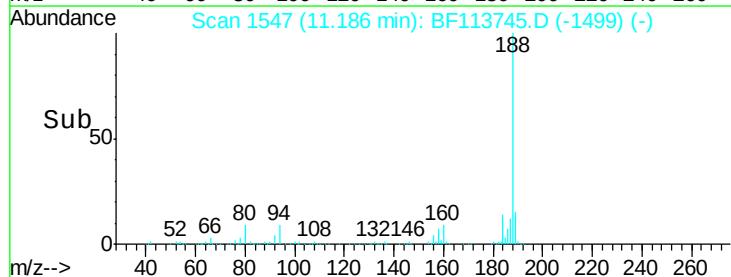
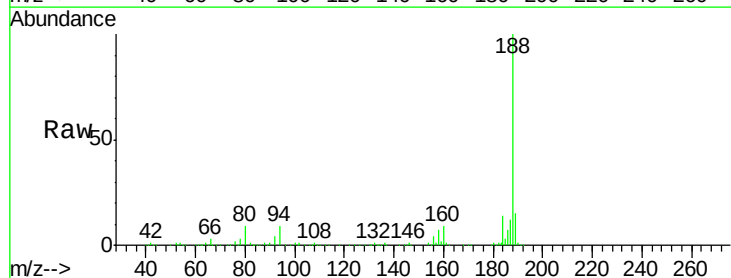
Instrument :
 BNA_F
 ClientSampled :

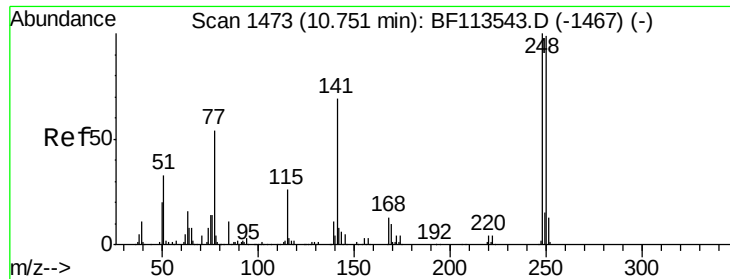
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	37.5	56.3#
89	1.2	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113745.D
 Acq: 12 Apr 2019 18:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	8.9	7.7	11.5

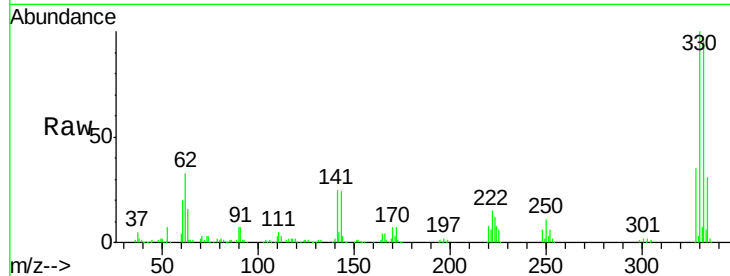




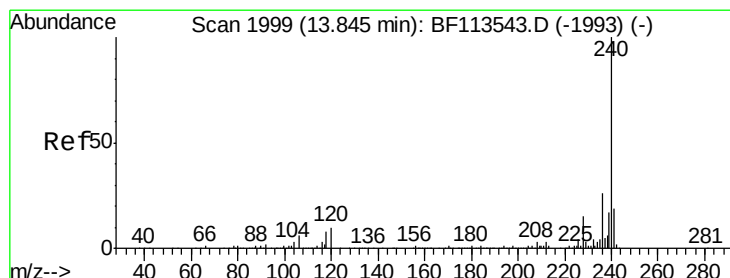
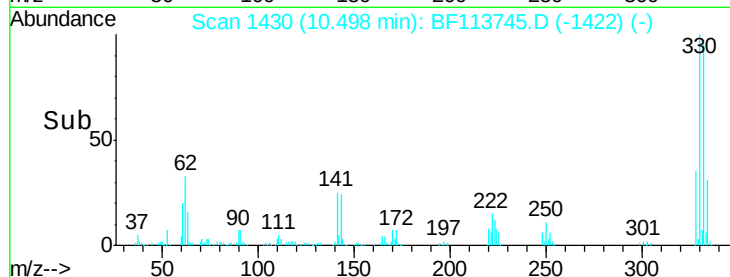
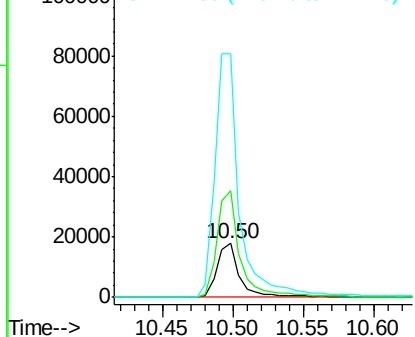
#67
4-Bromophenyl-phenylether
Concen: 3.750 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113745.D
Acq: 12 Apr 2019 18:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 20119
Ion Ratio Lower Upper
248 100
250 198.4 78.3 117.5#
141 451.4 56.2 84.4#

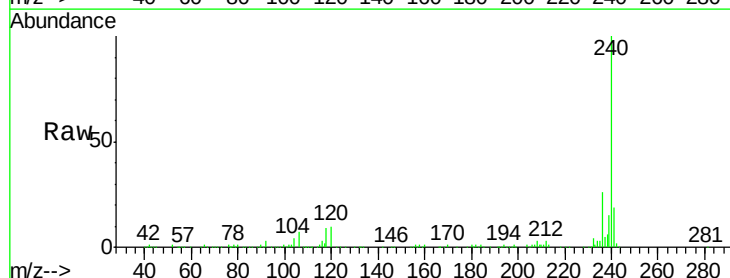


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

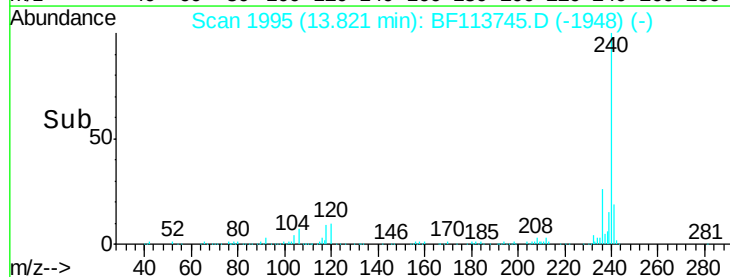
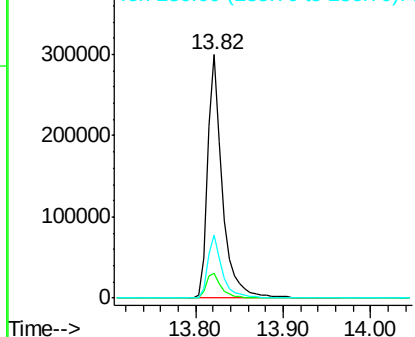


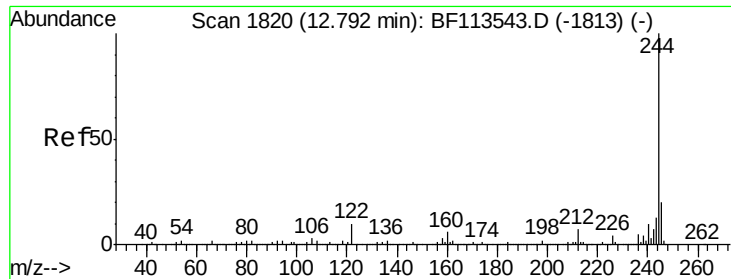
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113745.D
Acq: 12 Apr 2019 18:28

Tgt Ion:240 Resp: 349791
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 25.9 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

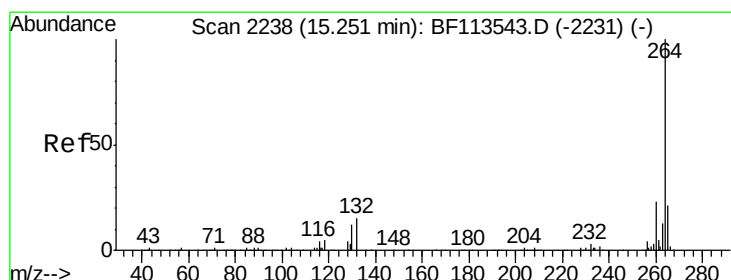
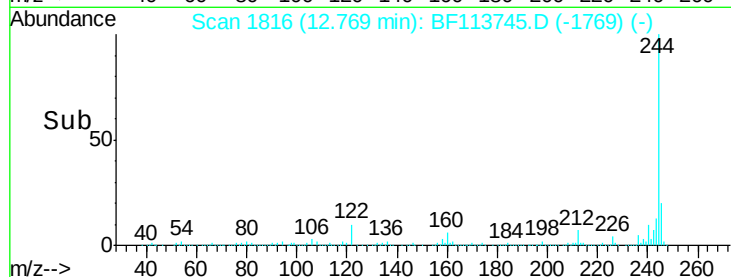
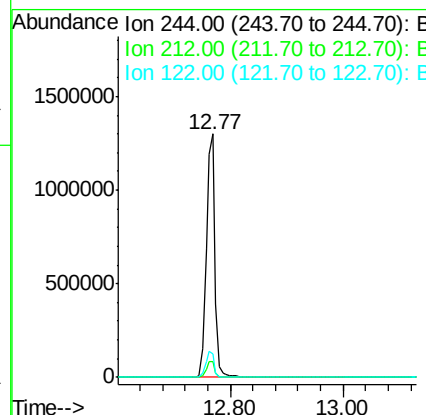
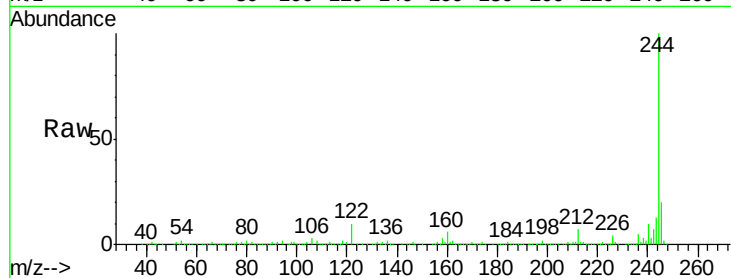




#79
 Terphenyl-d14
 Concen: 79.986 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113745.D
 Acq: 12 Apr 2019 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1374177
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 9.9 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF113745.D
 Acq: 12 Apr 2019 18:28

Tgt Ion:264 Resp: 384342
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.8 17.1 25.7

