

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113513.D
 Acq On : 2 Apr 2019 18:47
 Operator : JU/SJ
 Sample : K2179-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5S

Quant Time: Apr 03 01:02:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

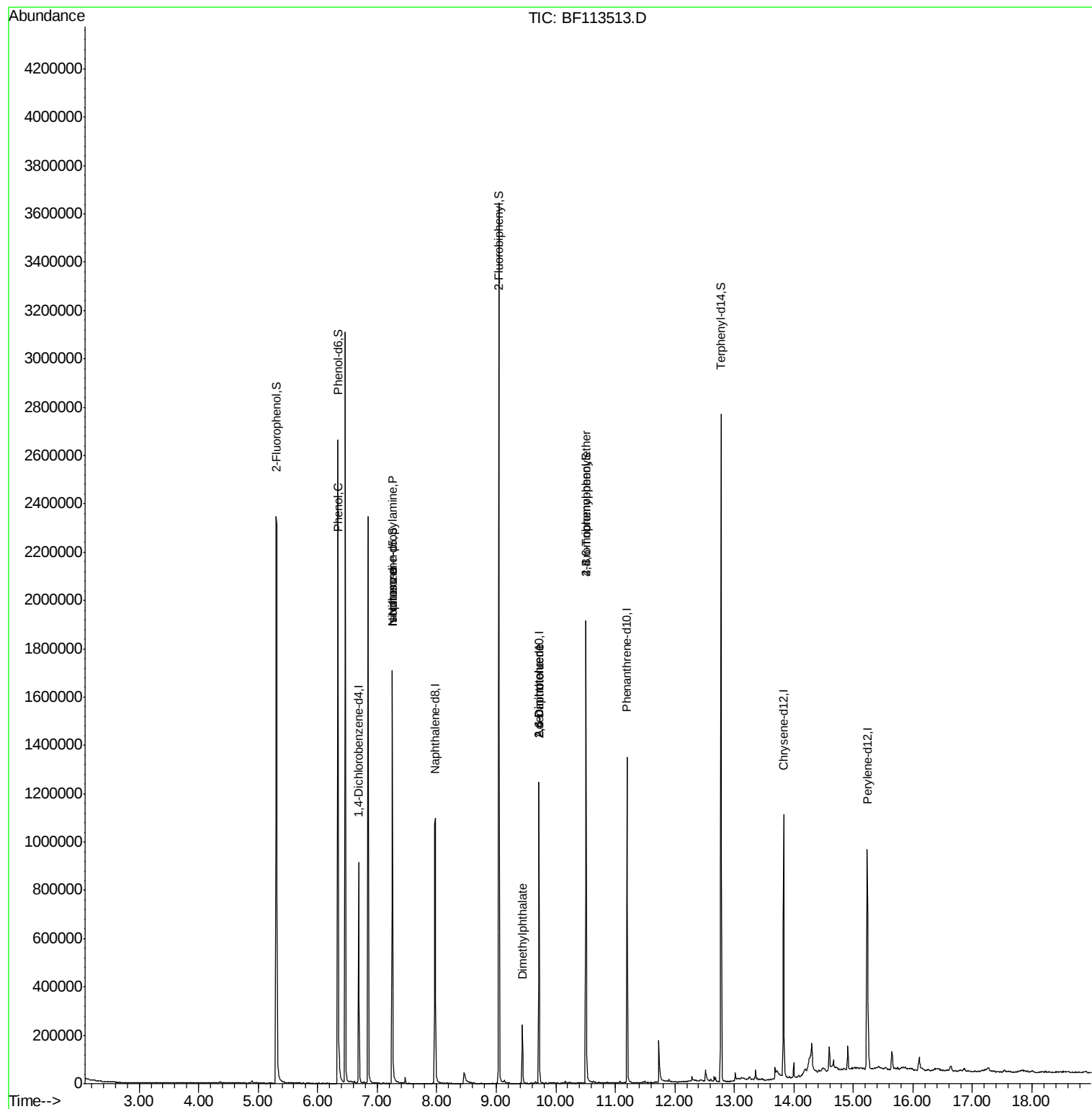
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	149484	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	559535	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	262591	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	497485	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	368385	20.00	ng	-0.02
87) Perylene-d12	15.23	264	409474	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	783857	85.74	ng	0.00
7) Phenol-d6	6.34	99	1016168	87.86	ng	-0.02
23) Nitrobenzene-d5	7.26	82	596644	63.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	285016	87.87	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1068747	58.24	ng	-0.02
79) Terphenyl-d14	12.78	244	963499	57.65	ng	-0.02
Target Compounds						
10) Phenol	6.35	94	27921	2.115	ng	81
19) n-Nitroso-di-n-propylamine	7.26	70	76840	10.577	ng	# 74
25) Isophorone	7.26	82	587796	32.174	ng	# 64
50) Dimethylphthalate	9.44	163	99002	5.087	ng	99
51) 2,6-Dinitrotoluene	9.72	165	33838	7.708	ng	# 26
57) 2,4-Dinitrotoluene	9.72	165	33838	6.061	ng	# 23
67) 4-Bromophenyl-phenylether	10.51	248	15906	2.934	ng	# 1

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

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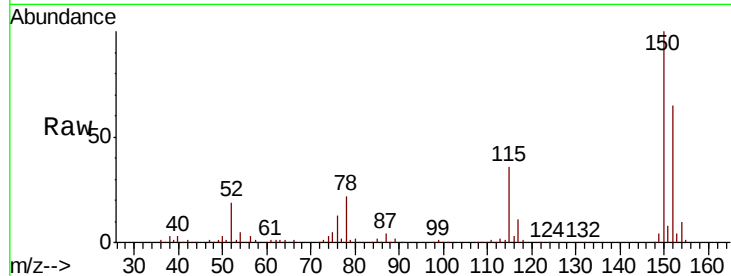


#1

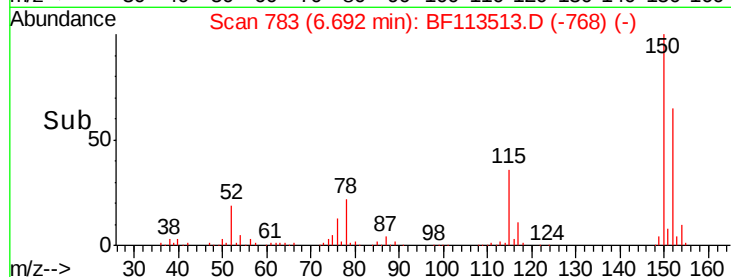
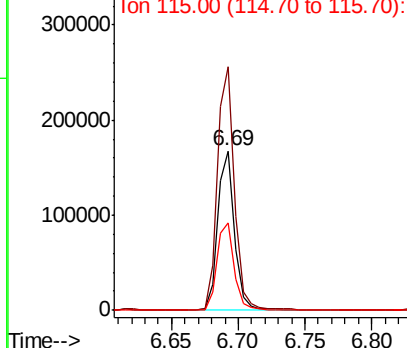
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113513.D
Acq: 2 Apr 2019 18:47

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion:152 Resp: 149484
Ion Ratio Lower Upper
152 100
150 152.8 124.7 187.1
115 54.7 46.0 69.0



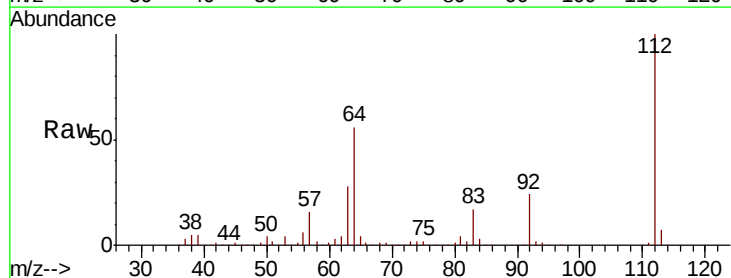
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



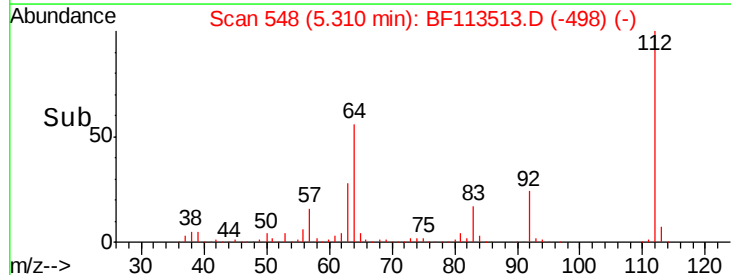
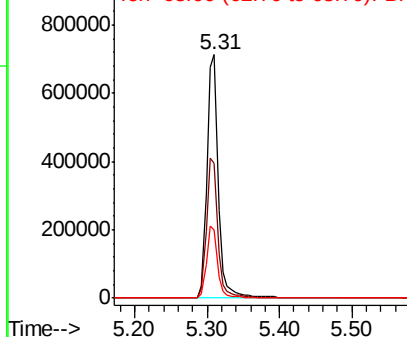
#5

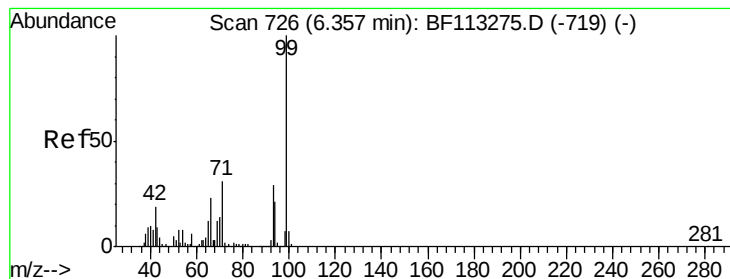
2-Fluorophenol
Concen: 85.742 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113513.D
Acq: 2 Apr 2019 18:47

Tgt Ion:112 Resp: 783857
Ion Ratio Lower Upper
112 100
64 55.5 49.2 73.8
63 27.8 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: 87.864 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF113513.D

Acq: 2 Apr 2019 18:47

Instrument :

BNA_F

ClientSampleId :

TP-5S

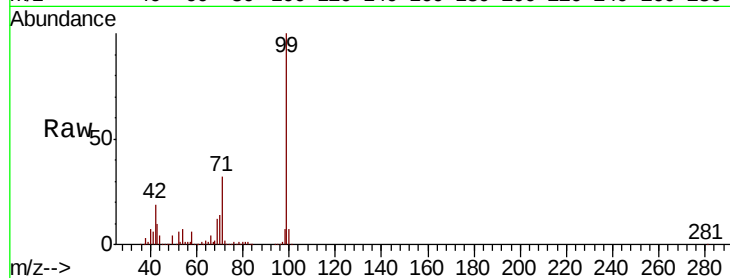
Tgt Ion: 99 Resp: 1016168

Ion Ratio Lower Upper

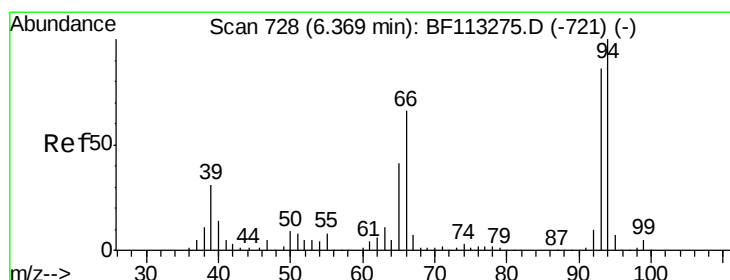
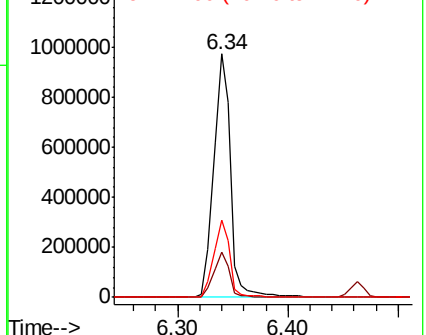
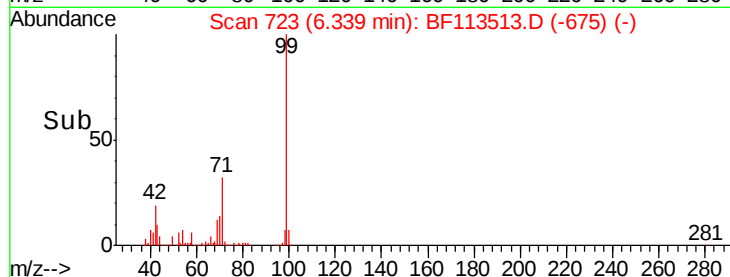
99 100

42 18.5 14.8 22.2

71 31.7 24.9 37.3



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: 2.115 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF113513.D

Acq: 2 Apr 2019 18:47

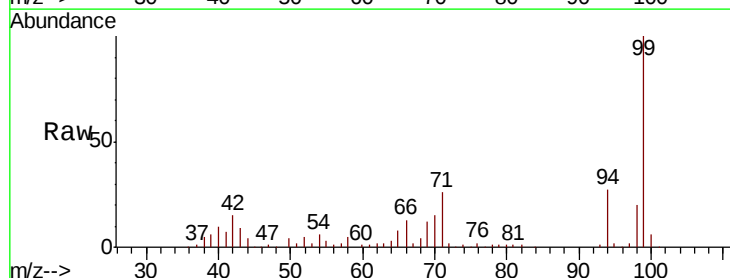
Tgt Ion: 94 Resp: 27921

Ion Ratio Lower Upper

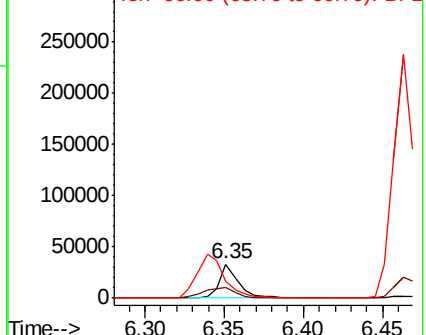
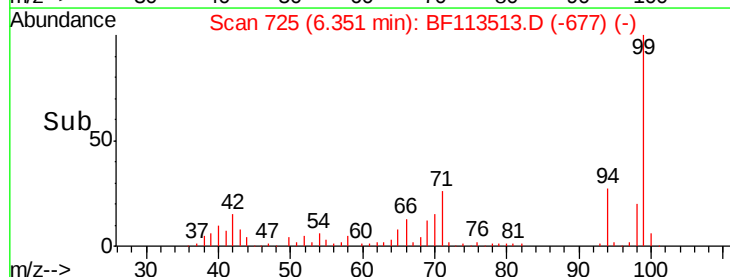
94 100

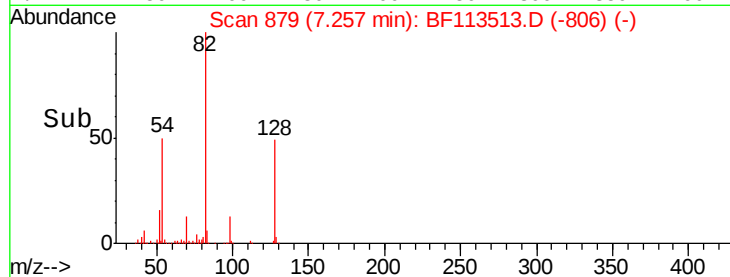
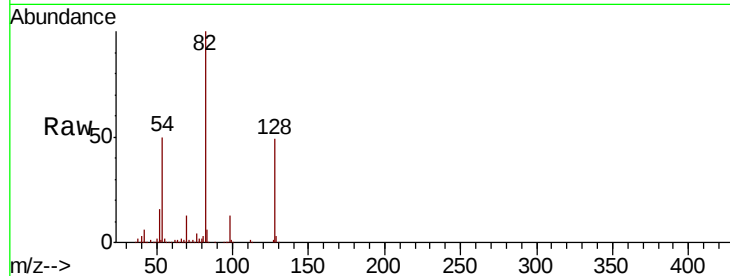
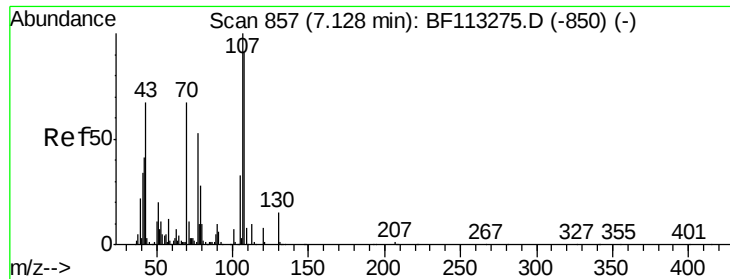
65 29.7 21.4 61.4

66 50.6 46.4 86.4



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

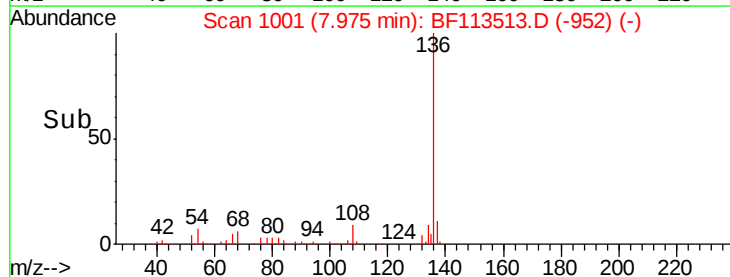
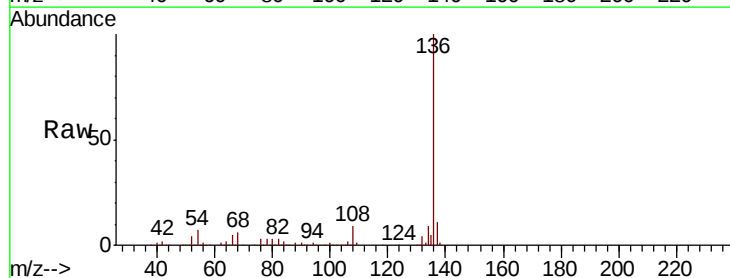
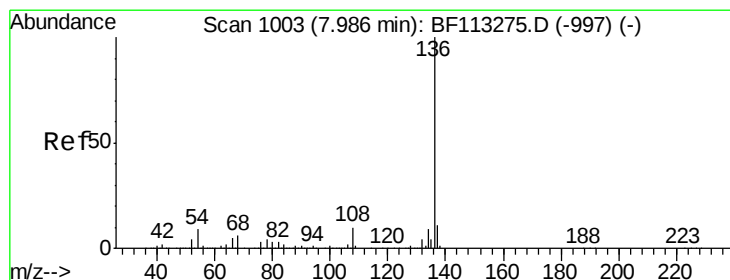
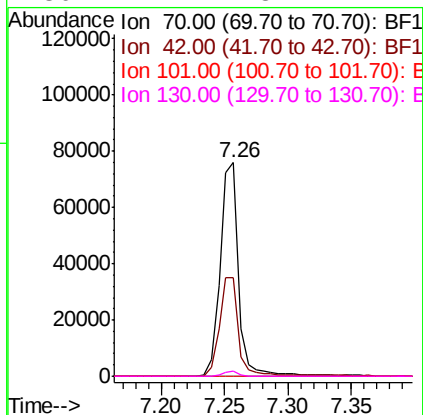




#19
n-Nitroso-di-n-propylamine
Concen: 10.577 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF113513.D
Acq: 2 Apr 2019 18:47

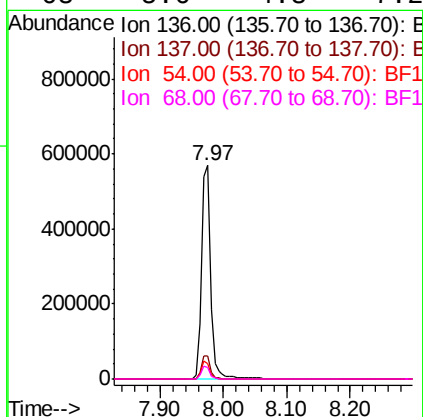
Instrument :
BNA_F
ClientSampleId :
TP-5S

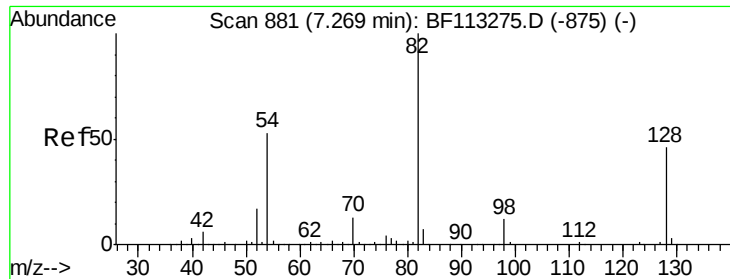
Tgt Ion: 70 Resp: 76840
Ion Ratio Lower Upper
70 100
42 45.9 48.4 72.6#
101 0.0 7.8 11.8#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113513.D
Acq: 2 Apr 2019 18:47

Tgt Ion: 136 Resp: 559535
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.2 7.0 10.6
68 5.6 4.8 7.2

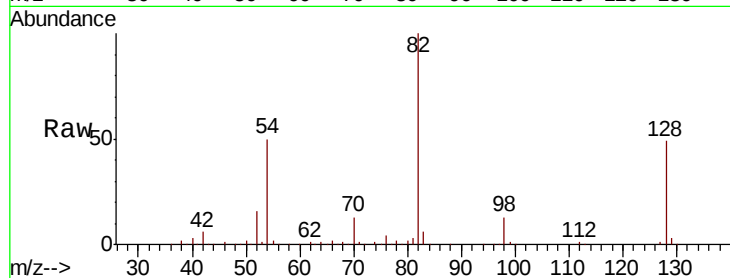




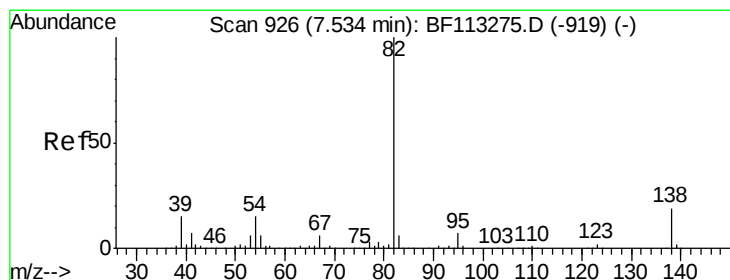
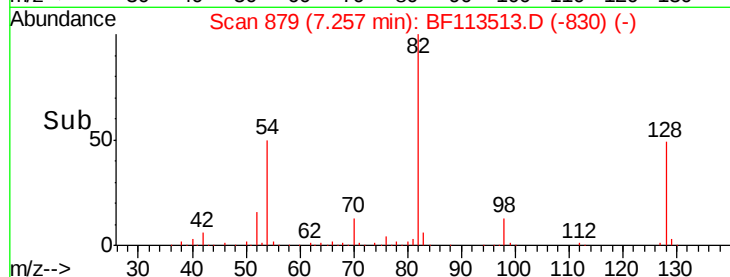
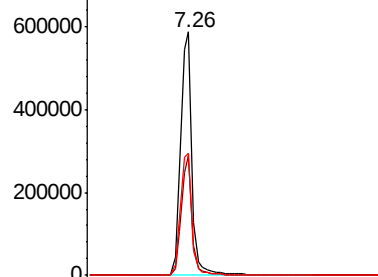
#23
 Nitrobenzene-d5
 Concen: 63.290 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF113513.D
 Acq: 2 Apr 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-5S

Tgt Ion: 82 Resp: 596644
 Ion Ratio Lower Upper
 82 100
 128 49.0 36.5 54.7
 54 50.2 42.2 63.2

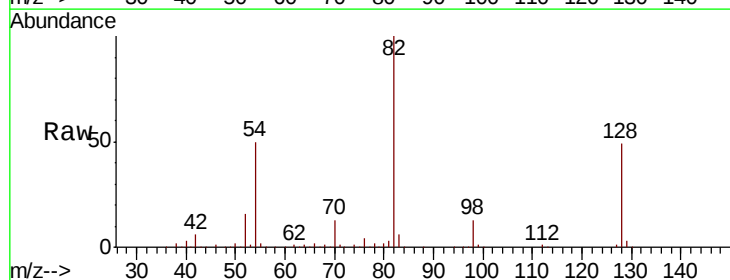


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

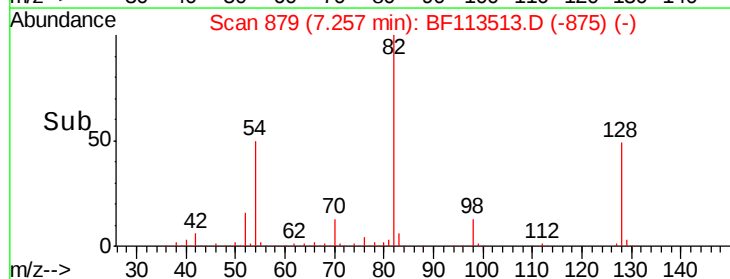
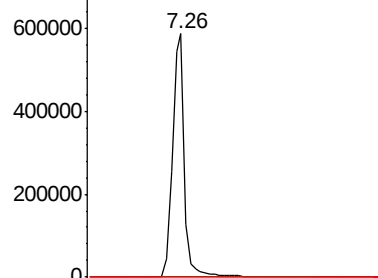


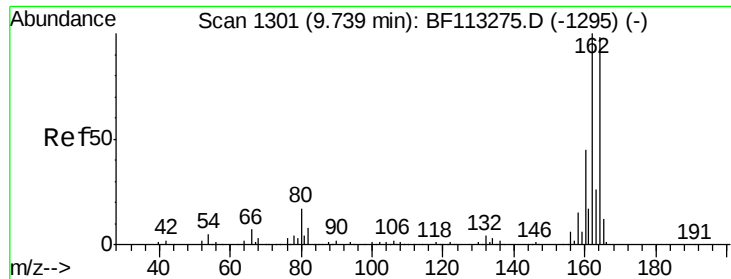
#25
 Isophorone
 Concen: 32.174 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.28 min
 Lab File: BF113513.D
 Acq: 2 Apr 2019 18:47

Tgt Ion: 82 Resp: 587796
 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

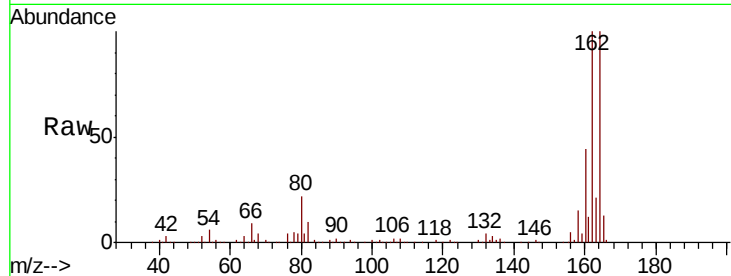




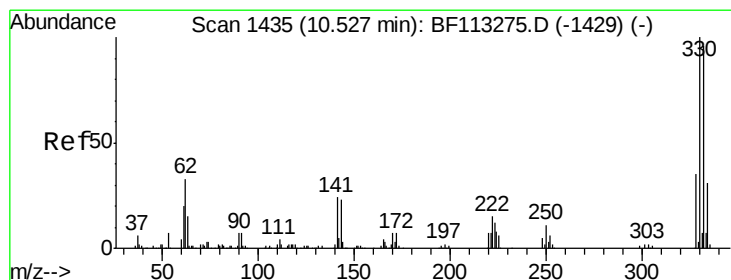
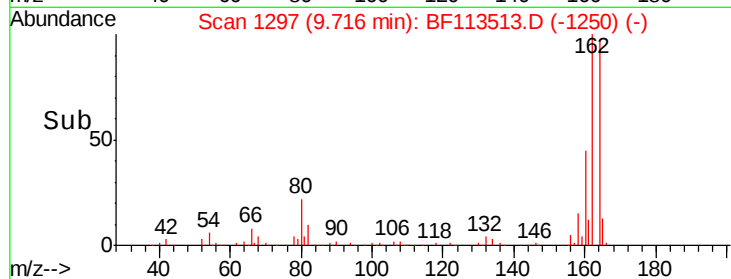
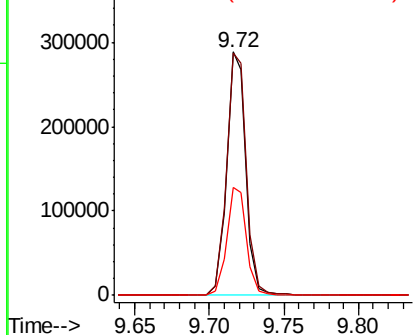
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF113513.D
 Acq: 2 Apr 2019 18:47

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Tgt Ion:	164	Resp:	262591
Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.8	122.6
160	44.5	36.4	54.6

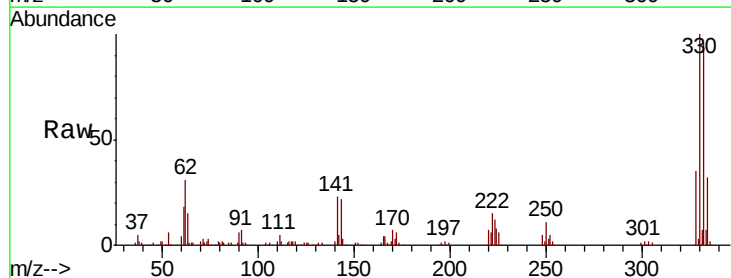


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

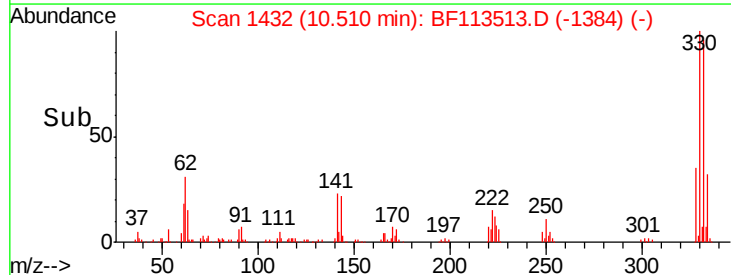
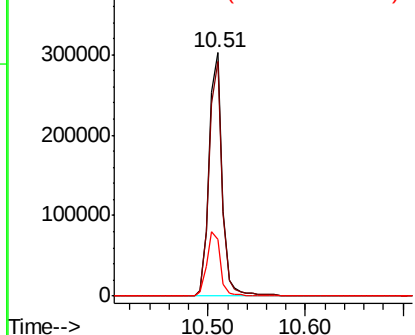


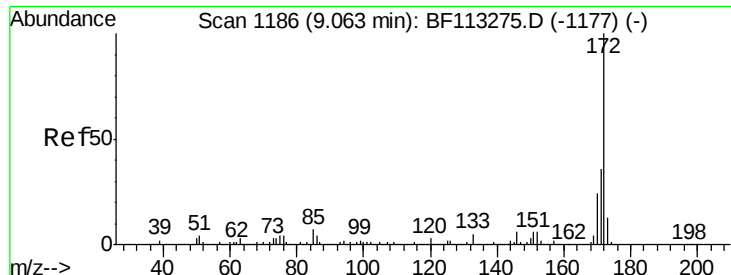
#42
 2,4,6-Tribromophenol
 Concen: 87.870 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113513.D
 Acq: 2 Apr 2019 18:47

Tgt Ion:	330	Resp:	285016
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.8	116.6
141	27.4	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

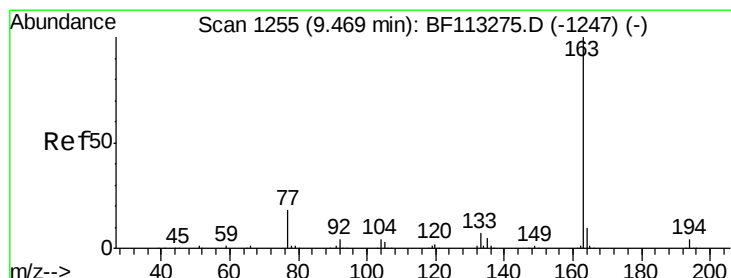
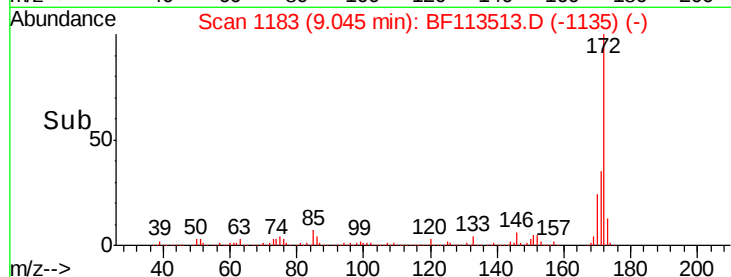
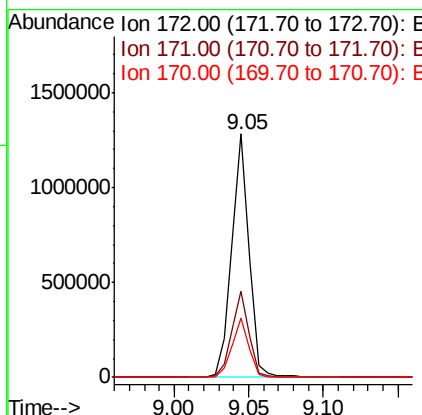
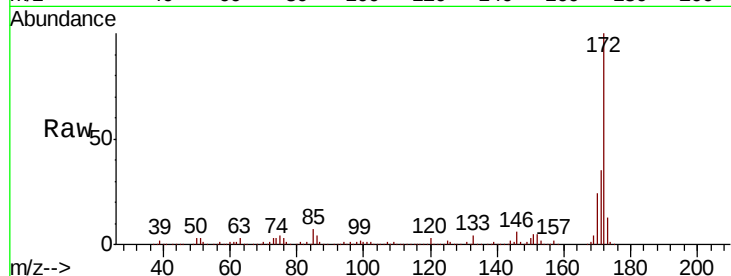




#45
2-Fluorobiphenyl
Concen: 58.239 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF113513.D
Acq: 2 Apr 2019 18:47

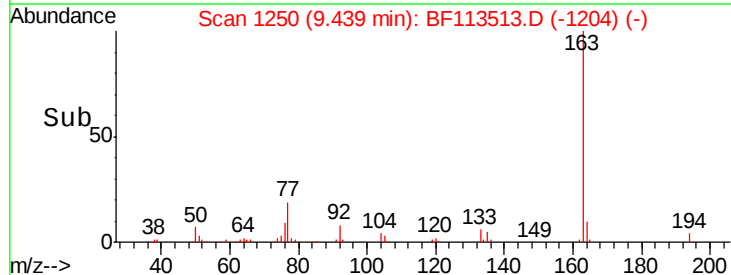
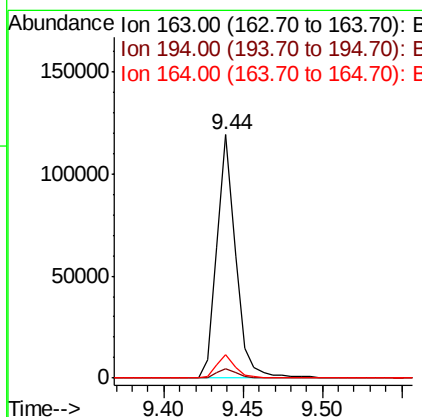
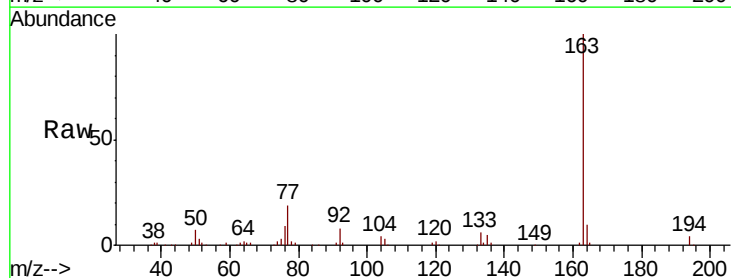
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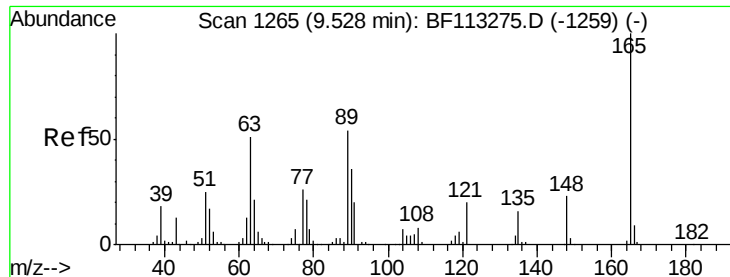
Tgt Ion:172 Resp: 1068747
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 24.2 19.5 29.3



#50
Dimethylphthalate
Concen: 5.087 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF113513.D
Acq: 2 Apr 2019 18:47

Tgt Ion:163 Resp: 99002
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.9 8.1 12.1

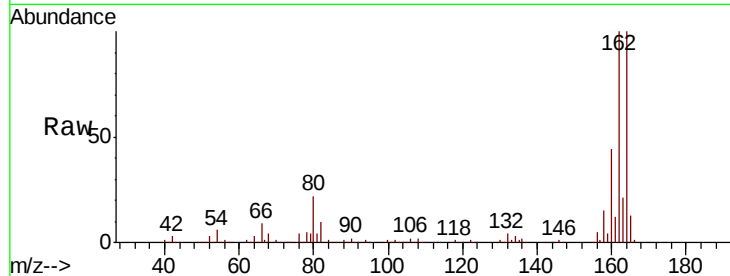




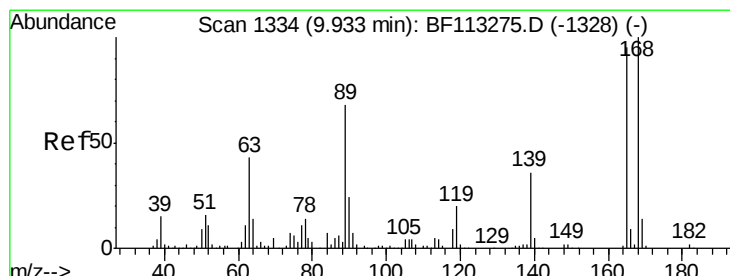
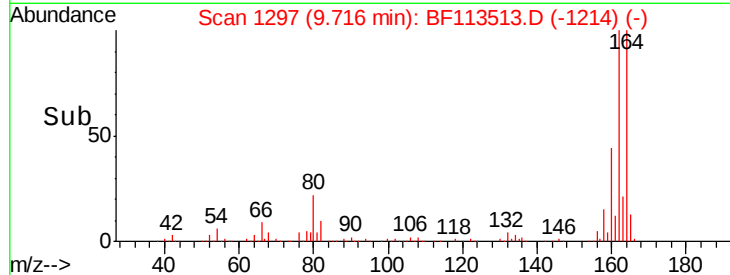
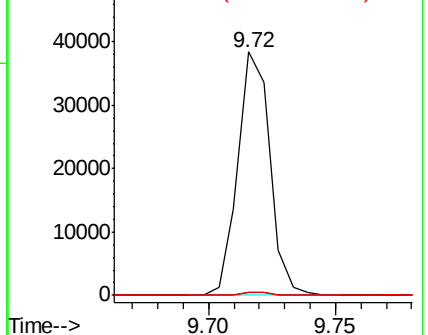
#51
 2,6-Dinitrotoluene
 Concen: 7.708 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.19 min
 Lab File: BF113513.D
 Acq: 2 Apr 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-5S

Tgt Ion:165 Resp: 33838
 Ion Ratio Lower Upper
 165 100
 63 1.0 43.4 65.0#
 89 1.2 43.1 64.7#

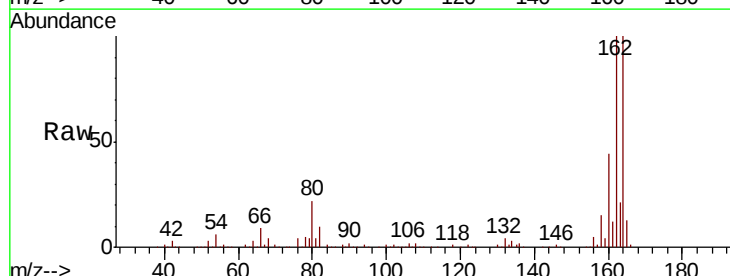


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

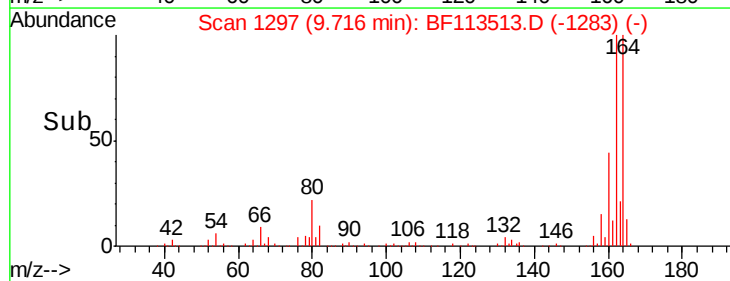
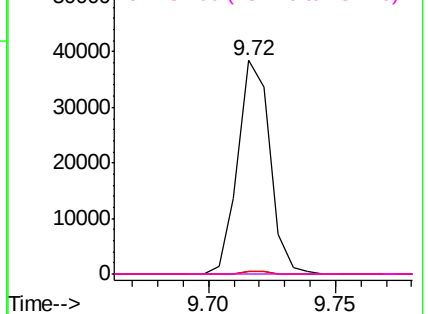


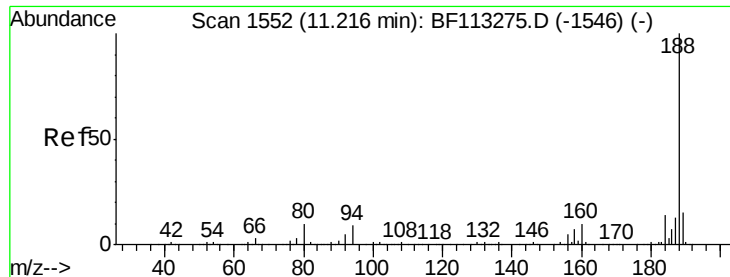
#57
 2,4-Dinitrotoluene
 Concen: 6.061 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF113513.D
 Acq: 2 Apr 2019 18:47

Tgt Ion:165 Resp: 33838
 Ion Ratio Lower Upper
 165 100
 63 1.0 37.5 56.3#
 89 1.2 57.4 86.2#
 182 0.0 2.0 3.0#



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
 Ion 182.00 (181.70 to 182.70): E

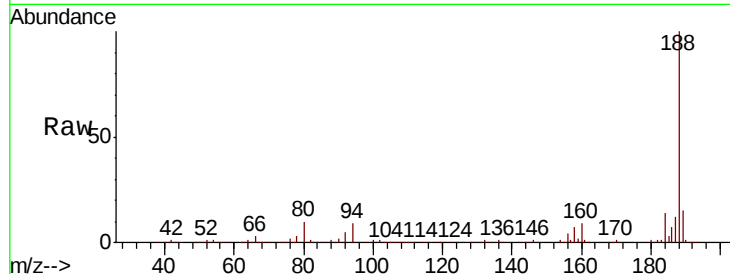




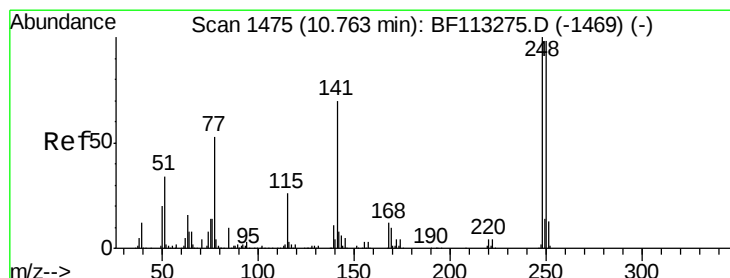
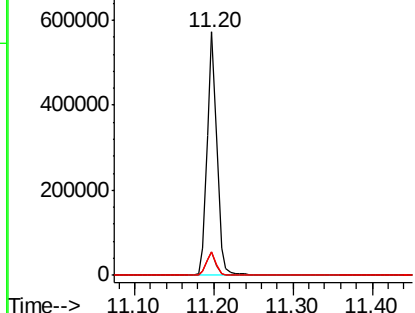
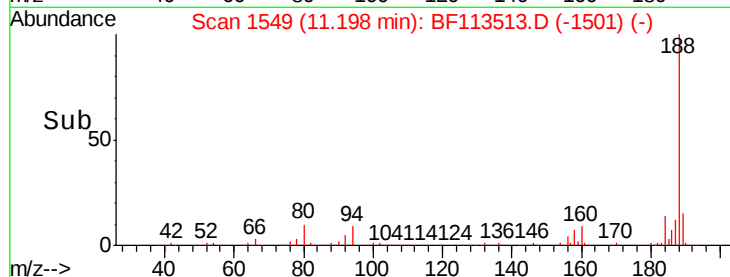
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF113513.D
 Acq: 2 Apr 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-5S

Tgt Ion:188 Resp: 497485
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.0 10.6
 80 9.7 7.7 11.5

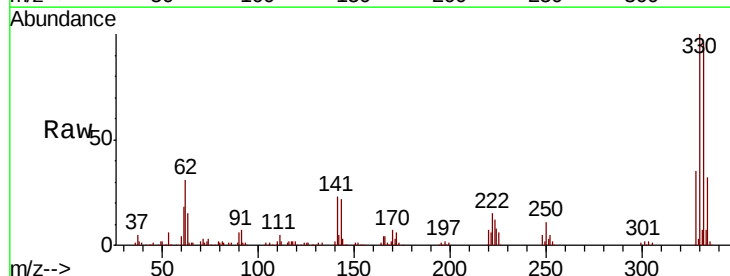


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

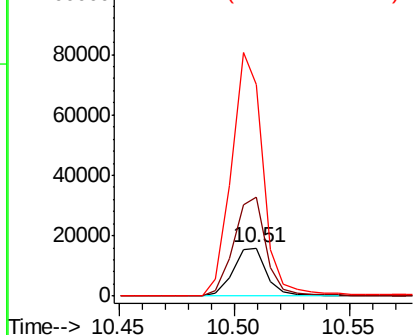
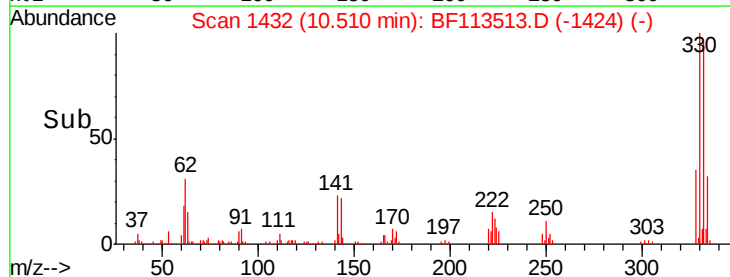


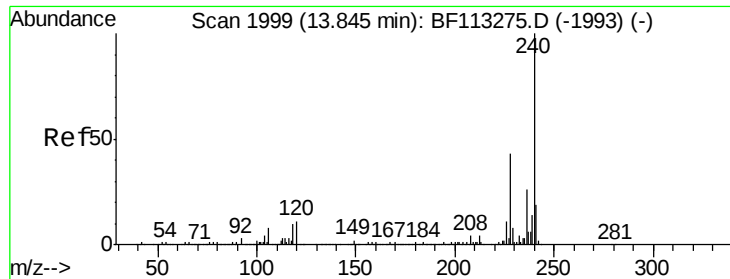
#67
 4-Bromophenyl-phenylether
 Concen: 2.934 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF113513.D
 Acq: 2 Apr 2019 18:47

Tgt Ion:248 Resp: 15906
 Ion Ratio Lower Upper
 248 100
 250 207.2 78.3 117.5#
 141 441.1 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

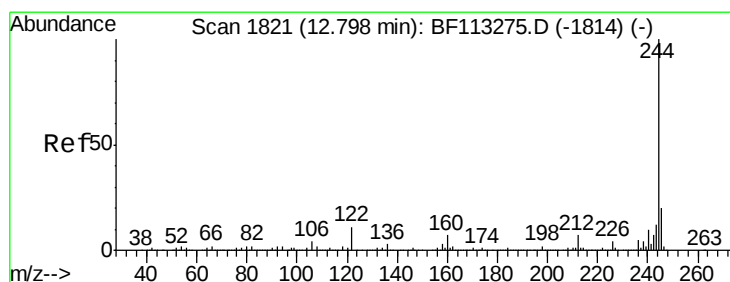
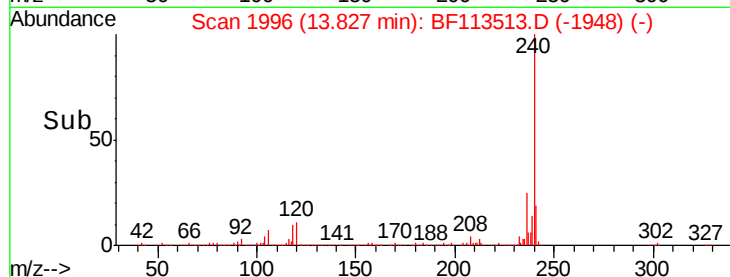
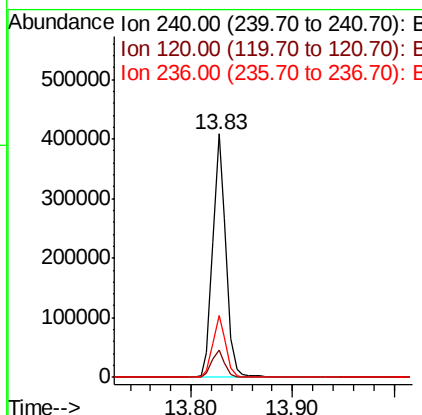
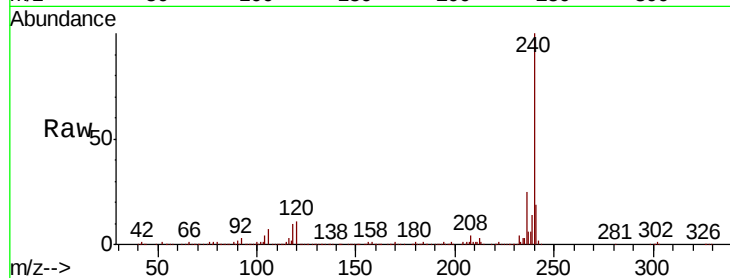




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113513.D
Acq: 2 Apr 2019 18:47

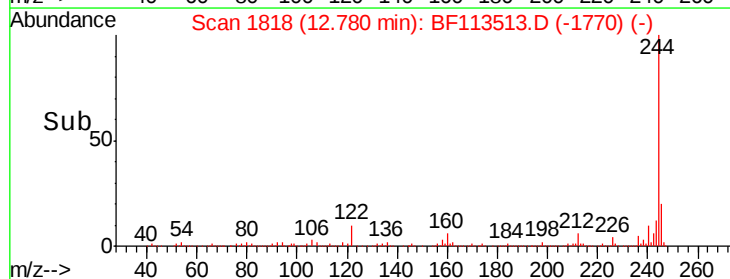
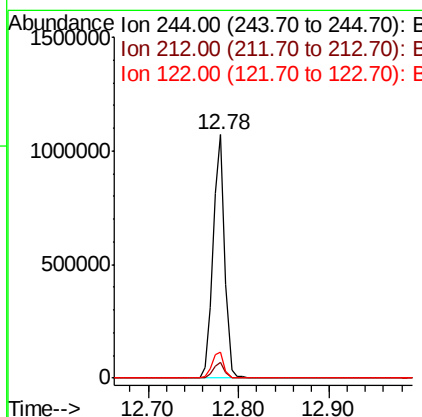
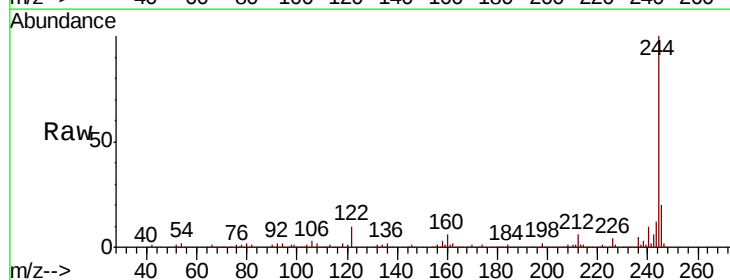
Instrument :
BNA_F
ClientSampleId :
TP-5S

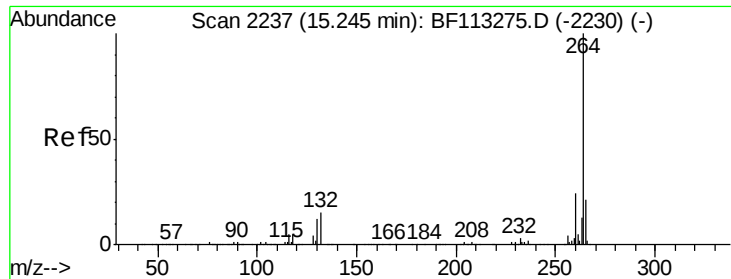
Tgt Ion:240 Resp: 368385
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 57.649 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF113513.D
Acq: 2 Apr 2019 18:47

Tgt Ion:244 Resp: 963499
Ion Ratio Lower Upper
244 100
212 6.3 5.5 8.3
122 10.5 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113513.D
Acq: 2 Apr 2019 18:47

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion: 264 Resp: 409474
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.7 17.1 25.7

