

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041519\
 Data File : BF113771.D
 Acq On : 15 Apr 2019 19:07
 Operator : JU/SJ
 Sample : K2199-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 15 23:08:57 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	109584	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	411876	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	201321	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	424181	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	319367	20.00	ng	-0.02
87) Perylene-d12	15.24	264	311286	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	718802	111.85	ng	0.00
7) Phenol-d6	6.33	99	819440	103.46	ng	-0.01
23) Nitrobenzene-d5	7.24	82	643680	91.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	345179	142.73	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1238090	99.01	ng	-0.02
79) Terphenyl-d14	12.77	244	1434513	91.45	ng	-0.02

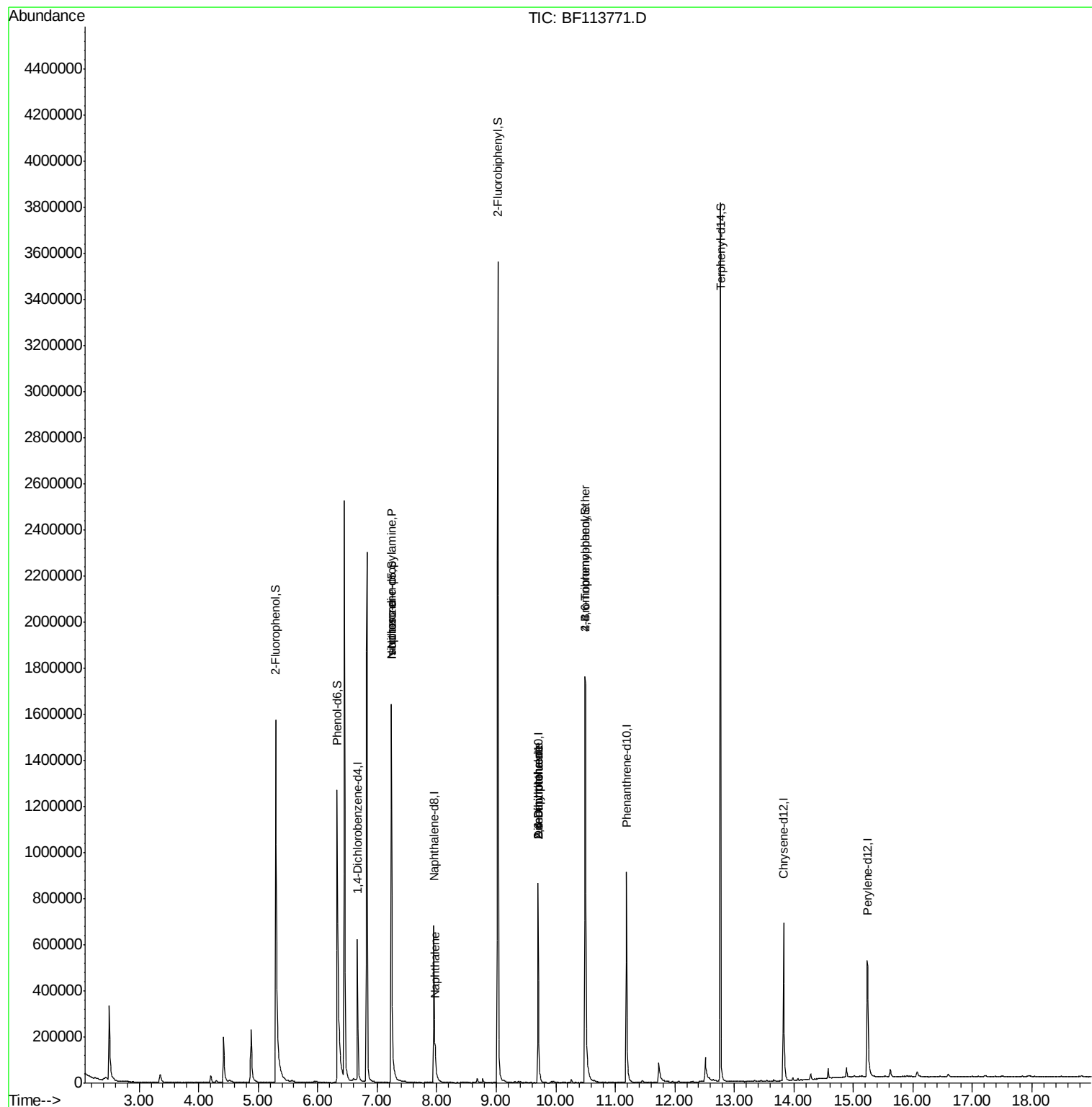
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.24	70	83228	17.041	ng	# 76
25) Isophorone	7.24	82	643676	47.520	ng	# 64
31) Naphthalene	7.97	128	55144	2.763	ng	# 99
50) Dimethylphthalate	9.70	163	45640	3.075	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	25861	7.906	ng	# 25
57) 2,4-Dinitrotoluene	9.70	165	25861	6.537	ng	# 22
67) 4-Bromophenyl-phenylether	10.50	248	19290	4.055	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041519\
Data File : BF113771.D
Acq On : 15 Apr 2019 19:07
Operator : JU/SJ
Sample : K2199-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 15 23:08:57 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



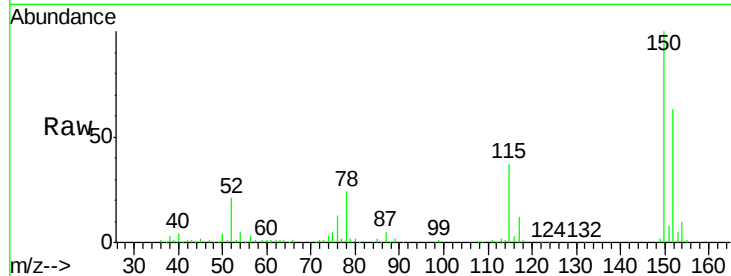


#1

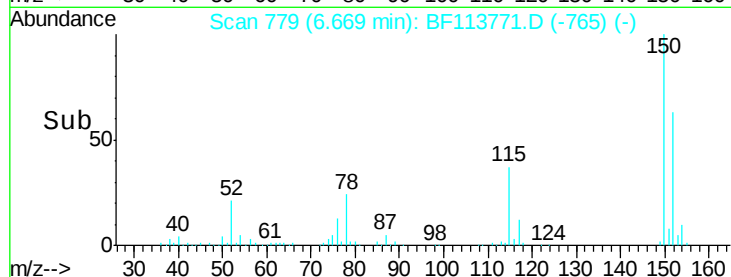
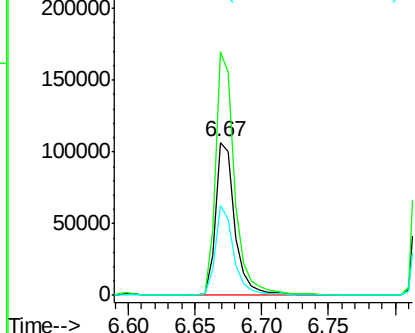
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113771.D
Acq: 15 Apr 2019 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109584
Ion Ratio Lower Upper
152 100
150 159.1 124.7 187.1
115 58.6 46.0 69.0



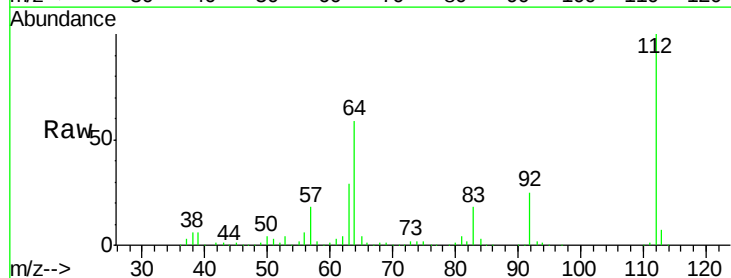
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



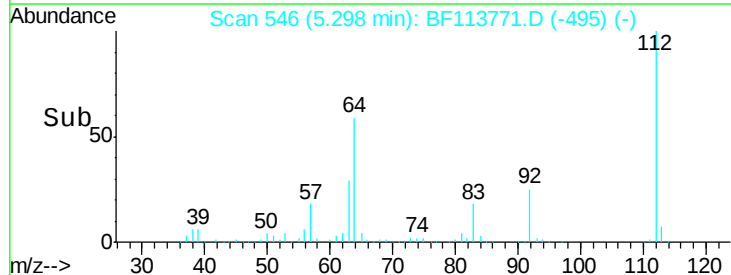
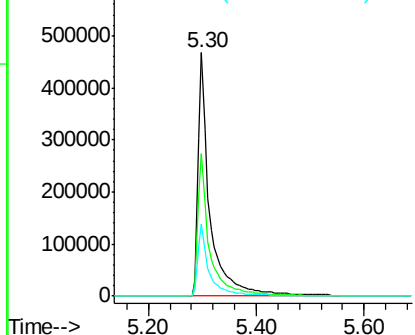
#5

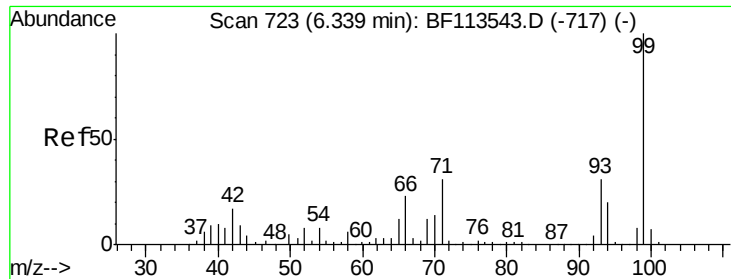
2-Fluorophenol
Concen: 111.852 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113771.D
Acq: 15 Apr 2019 19:07

Tgt Ion:112 Resp: 718802
Ion Ratio Lower Upper
112 100
64 58.7 49.2 73.8
63 29.4 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: 103.458 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

Instrument :

BNA_F

ClientSampleId :

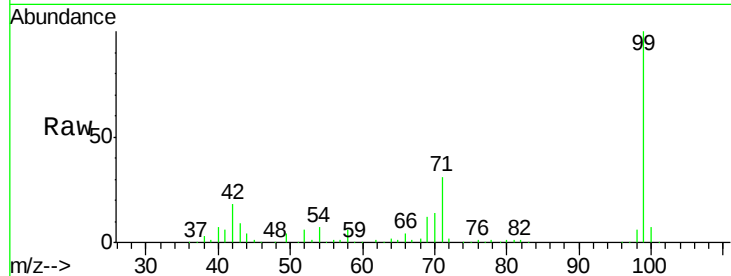
Tot Ion: 99 Resp: 819440

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

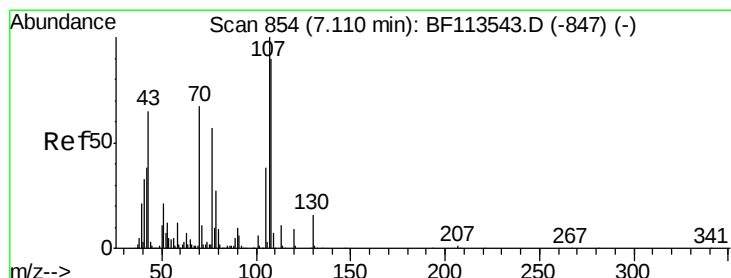
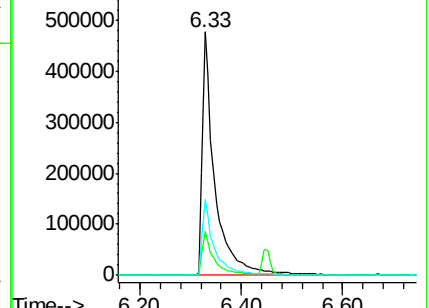
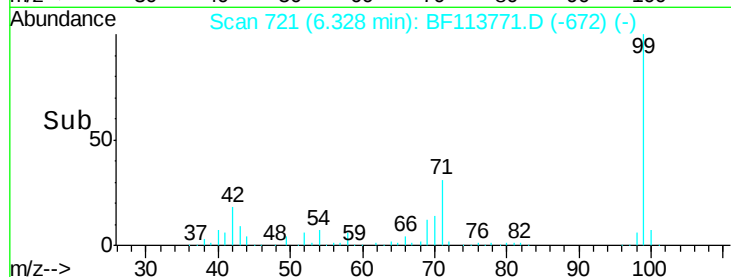
71 31.4 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.041 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

Tgt Ion: 70 Resp: 83228

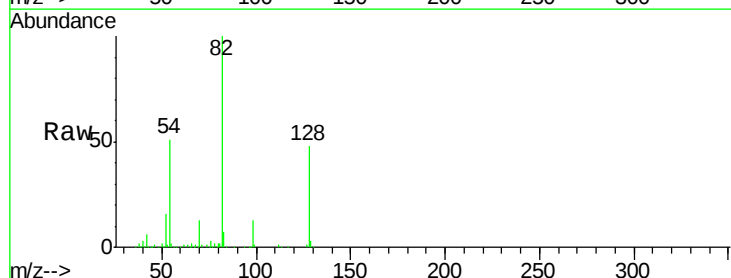
Ion Ratio Lower Upper

70 100

42 48.2 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

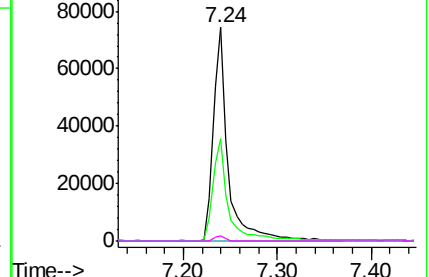
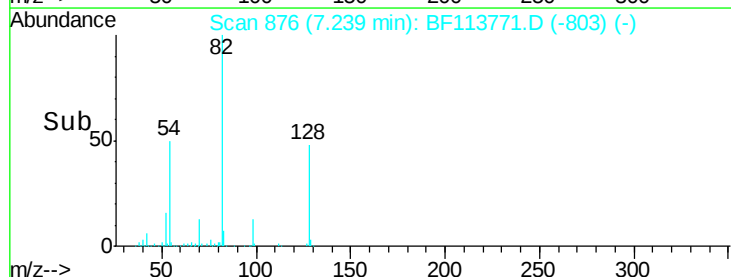


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 411876

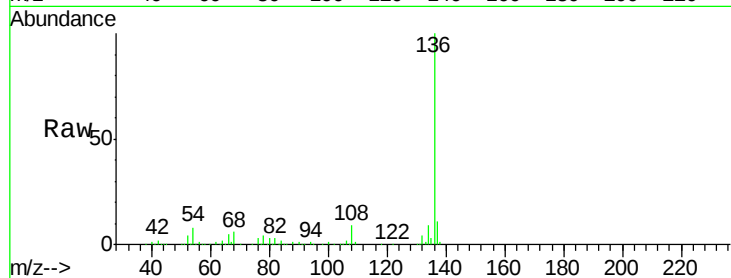
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.2 7.0 10.6

68 5.7 4.8 7.2

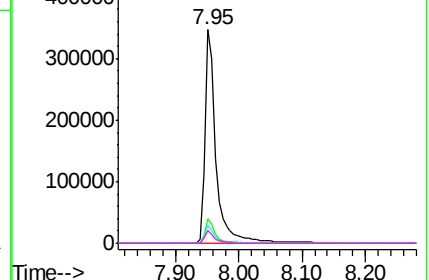
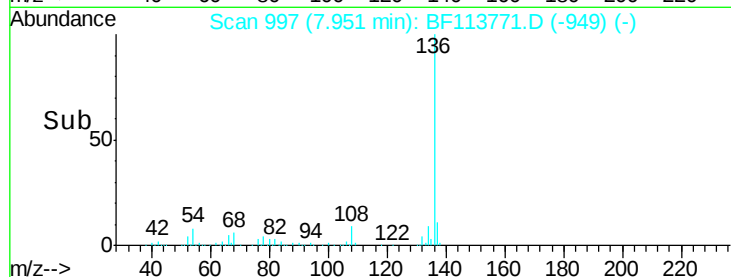


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.541 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

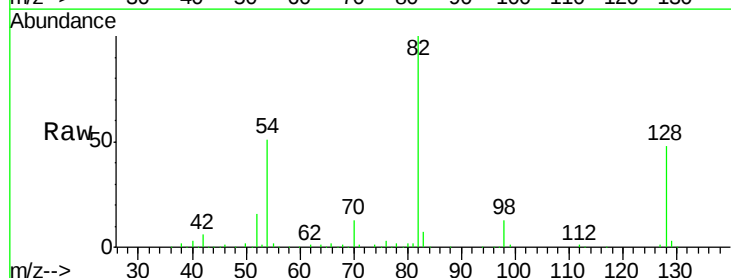
Tgt Ion: 82 Resp: 643680

Ion Ratio Lower Upper

82 100

128 48.0 36.5 54.7

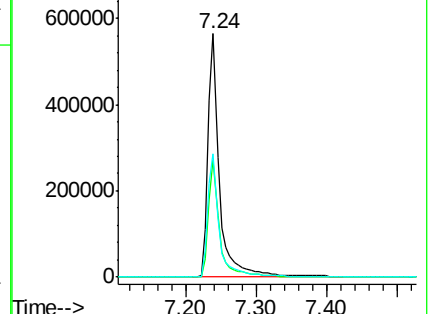
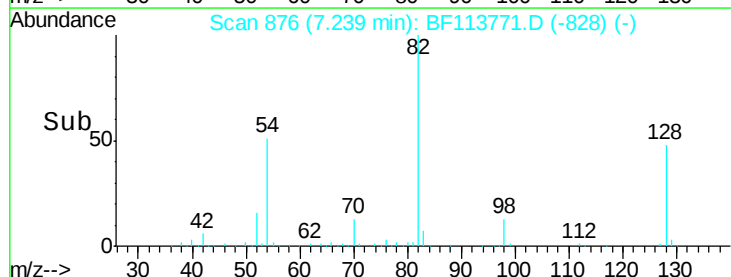
54 50.5 42.2 63.2



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: 47.520 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

Instrument :

BNA_F

ClientSampleId :

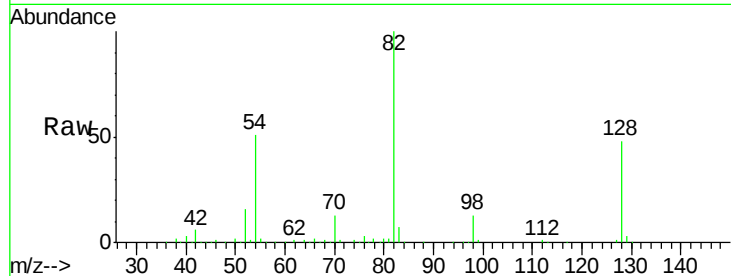
Tot Ion: 82 Resp: 643676

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

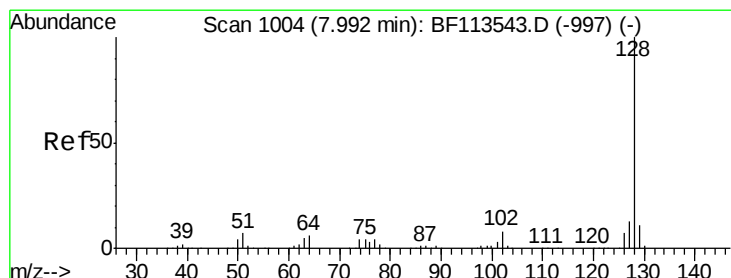
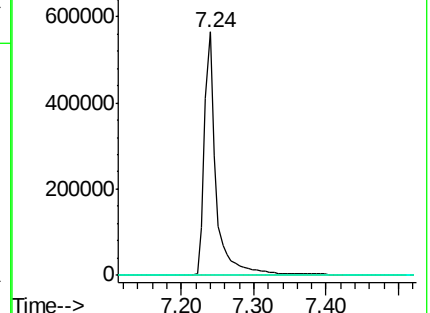
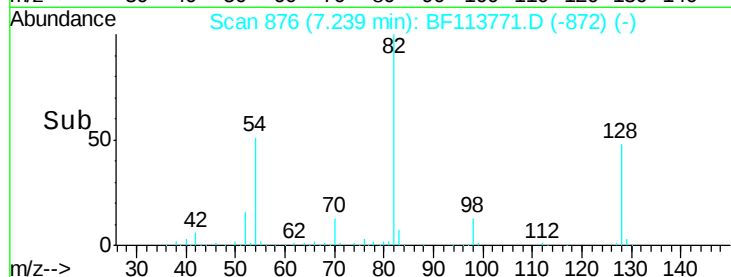
138 0.0 15.2 22.8#



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



#31

Naphthalene

Concen: 2.763 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

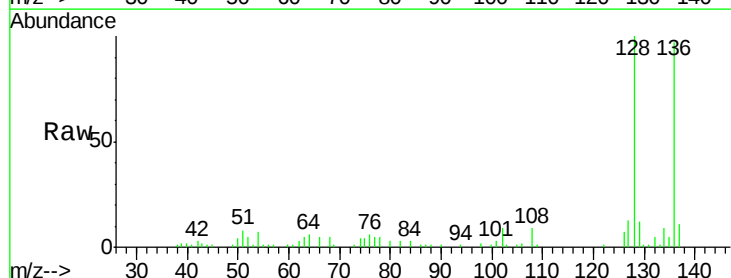
Tgt Ion: 128 Resp: 55144

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

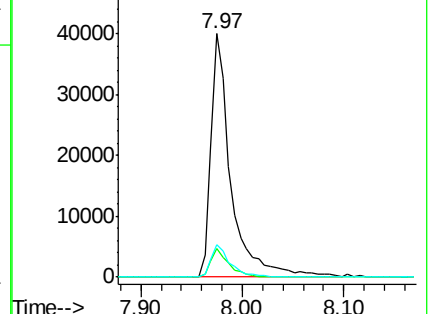
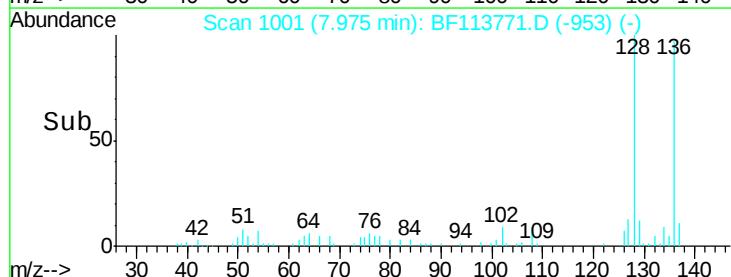
127 13.3 10.9 16.3

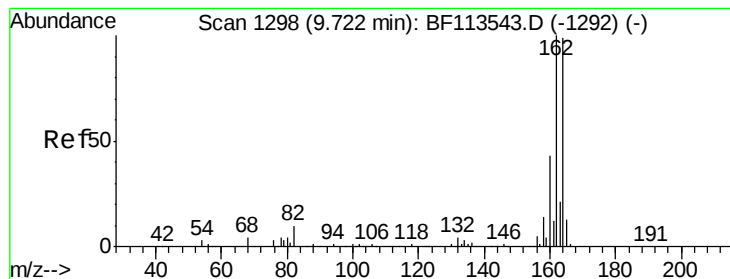


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

Instrument :

BNA_F

ClientSampleId :

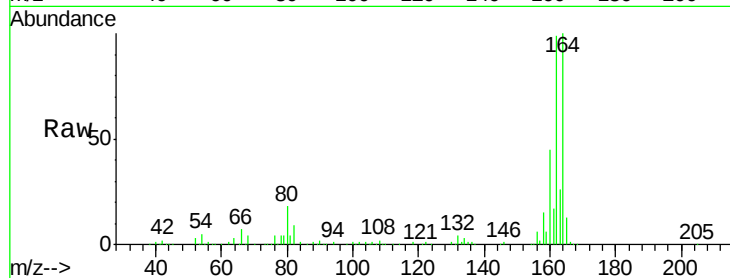
Tot Ion:164 Resp: 201321

Ion Ratio Lower Upper

164 100

162 98.7 81.8 122.6

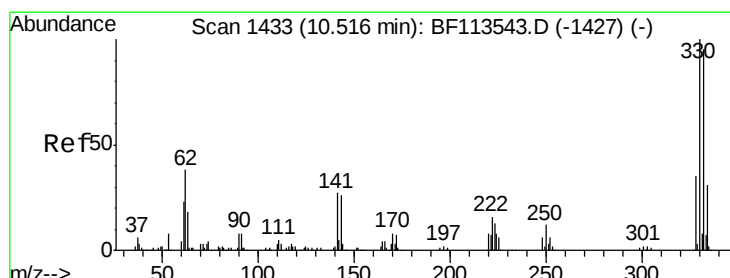
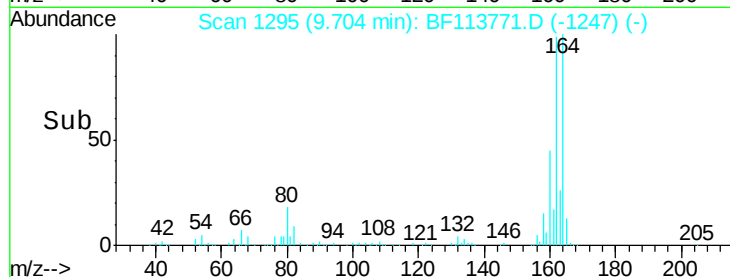
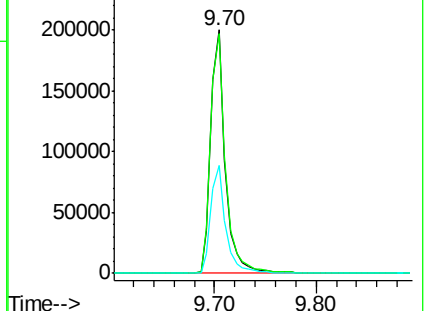
160 44.5 36.4 54.6



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: 142.733 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

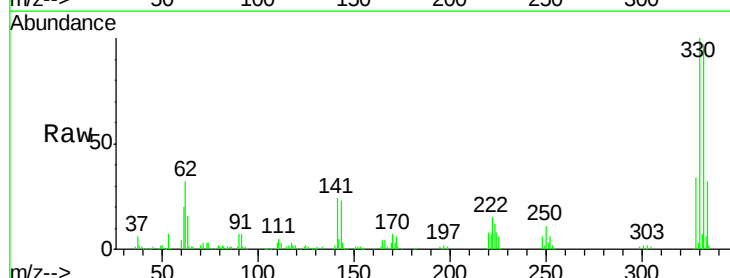
Tgt Ion:330 Resp: 345179

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.6

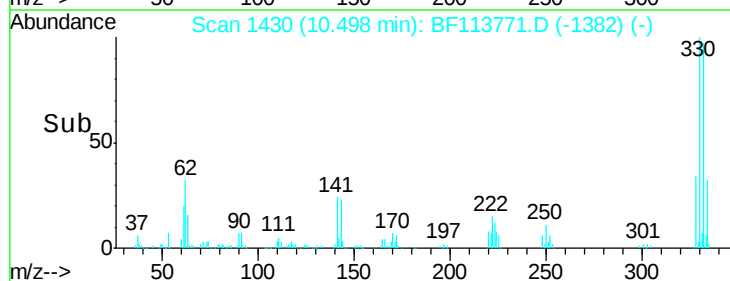
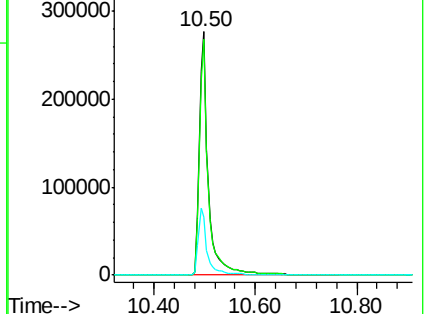
141 27.4 22.7 34.1

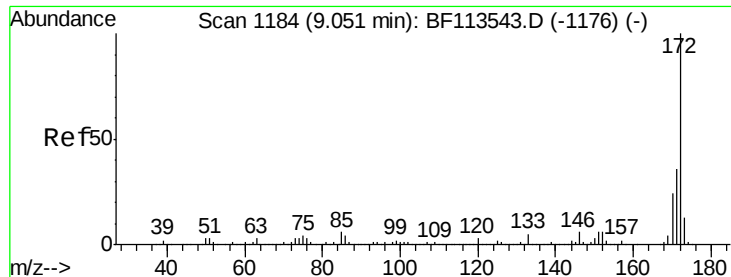


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

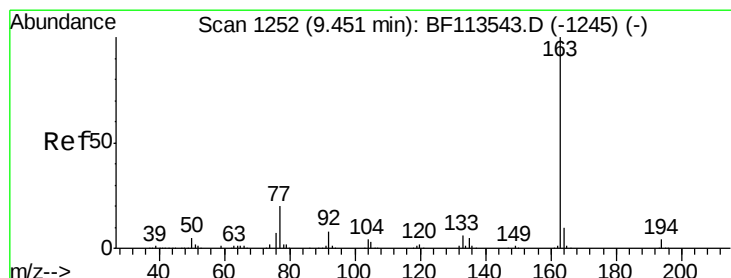
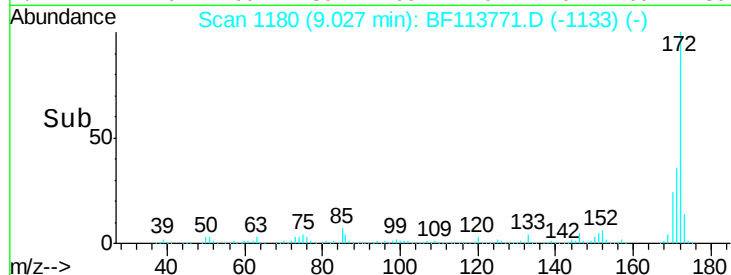
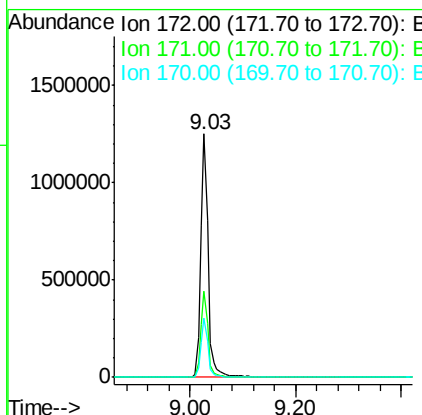
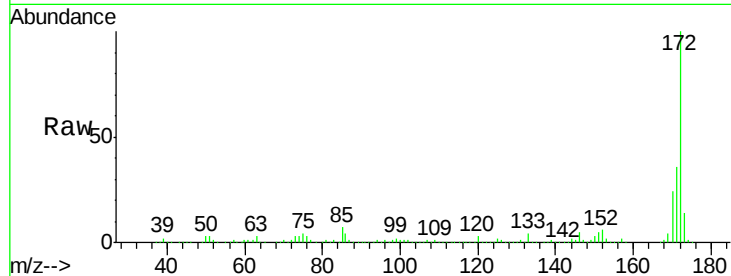




#45
2-Fluorobiphenyl
Concen: 99.006 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113771.D
Acq: 15 Apr 2019 19:07

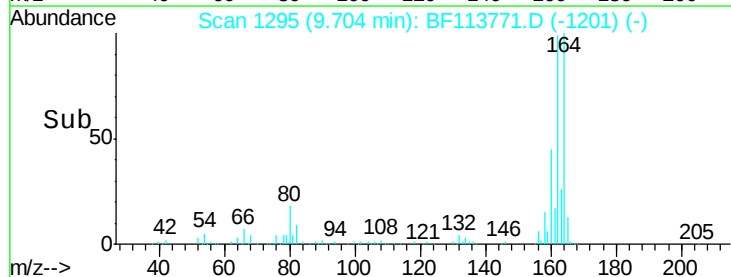
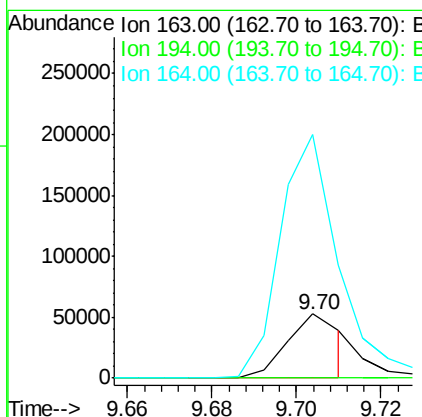
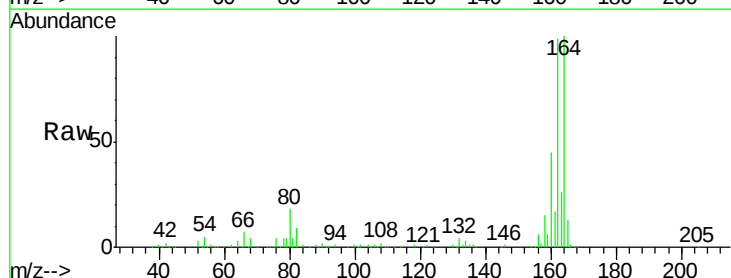
Instrument :
BNA_F
ClientSampleId :

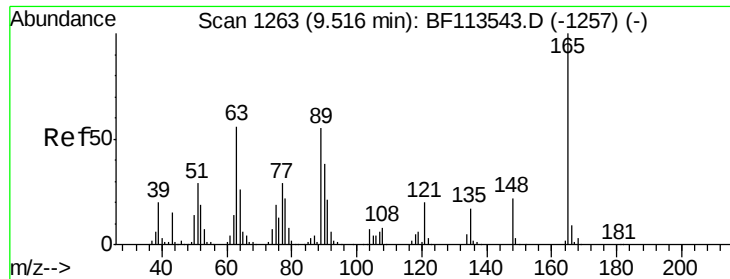
Tot Ion:172 Resp: 1238090
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 24.1 19.5 29.3



#50
Dimethylphthalate
Concen: 3.075 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.25 min
Lab File: BF113771.D
Acq: 15 Apr 2019 19:07

Tgt Ion:163 Resp: 45640
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 379.1 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 7.906 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.19 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

Instrument :

BNA_F

ClientSampleId :

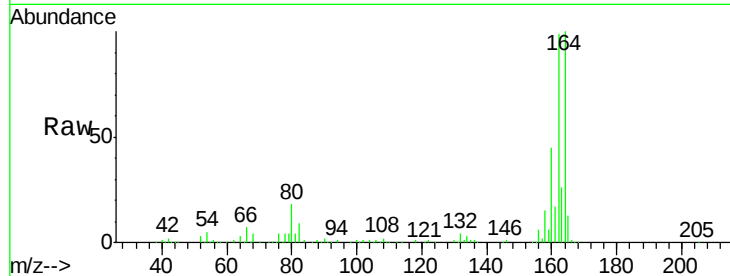
Tot Ion:165 Resp: 25861

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.0#

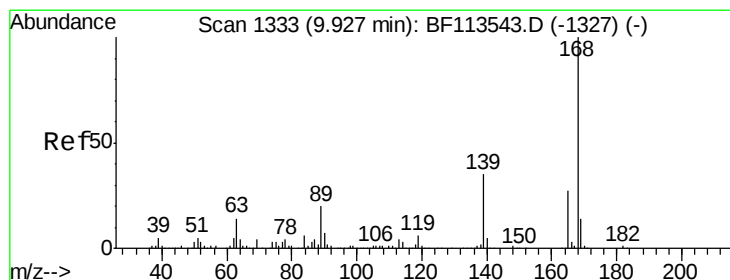
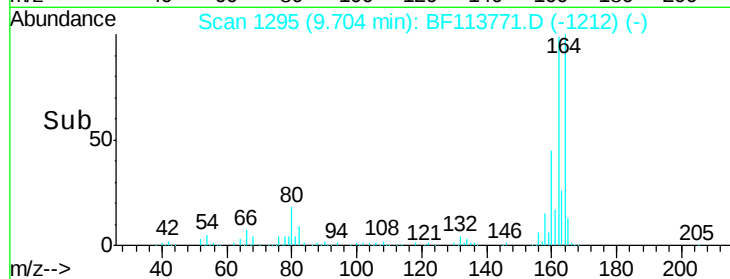
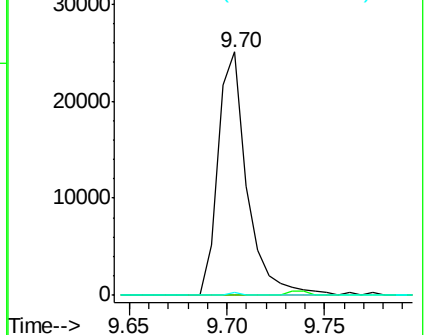
89 1.2 43.1 64.7#



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: 6.537 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.22 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

Tgt Ion:165 Resp: 25861

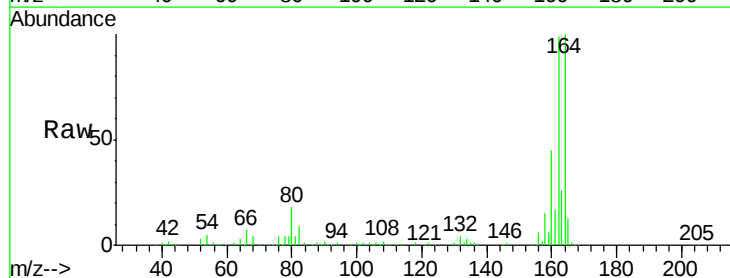
Ion Ratio Lower Upper

165 100

63 0.0 37.5 56.3#

89 1.2 57.4 86.2#

182 0.0 2.0 3.0#

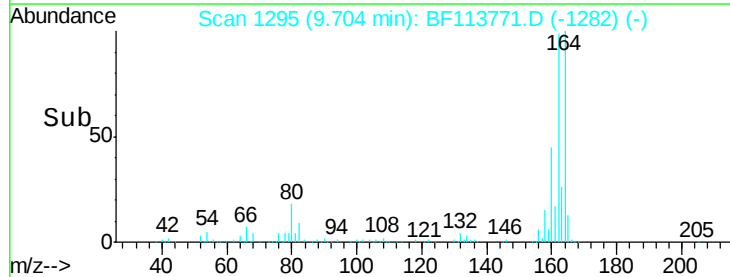
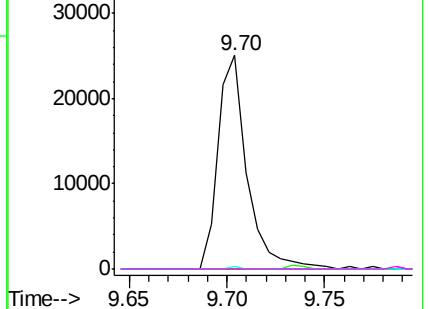


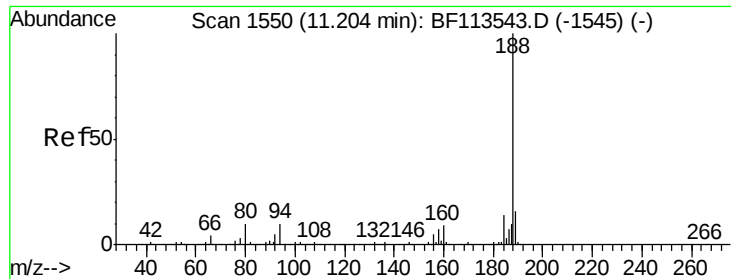
Abundance Ion 165.00 (164.70 to 165.70): E

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

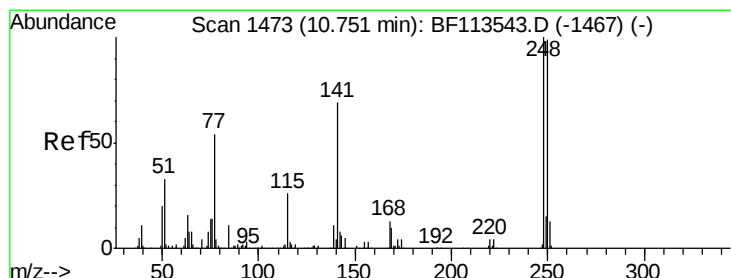
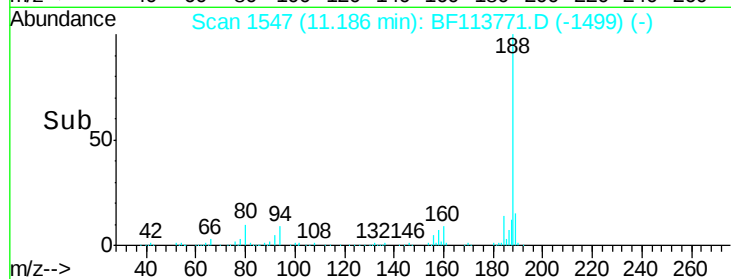
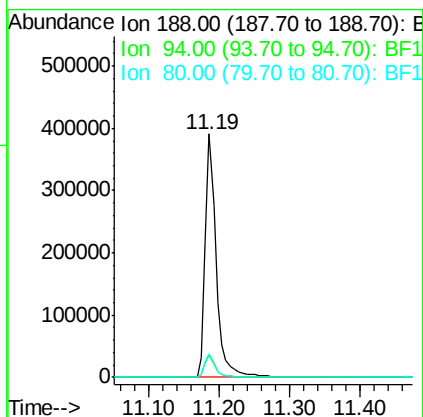
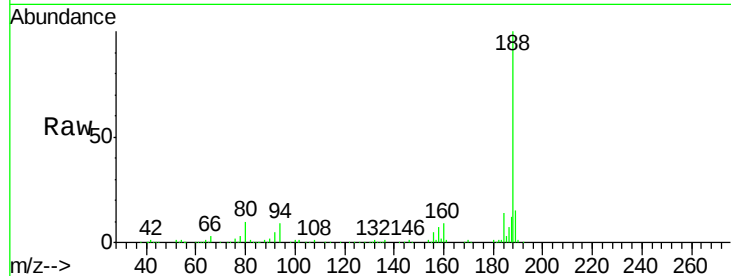




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113771.D
 Acq: 15 Apr 2019 19:07

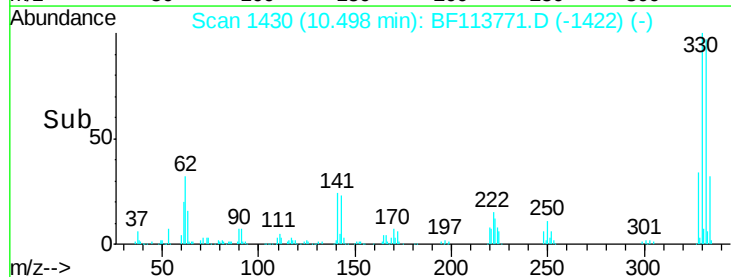
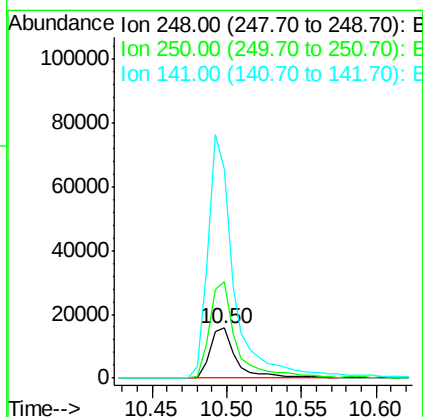
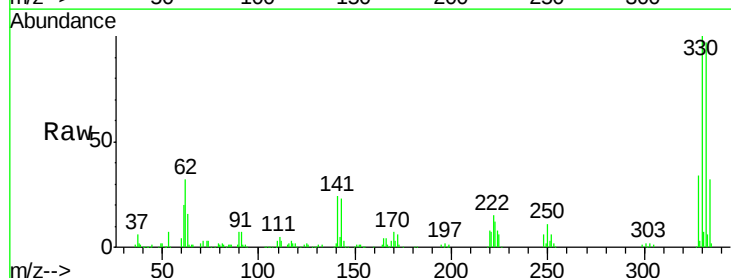
Instrument :
 BNA_F
 ClientSampled :

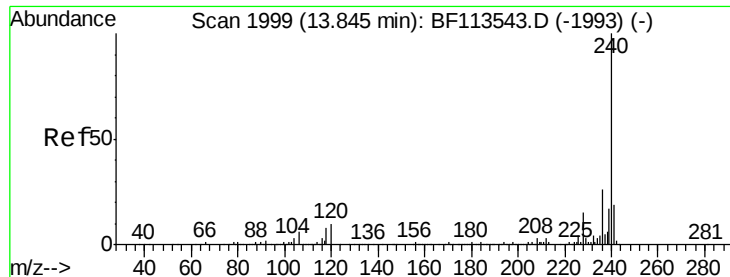
Tot Ion:188 Resp: 424181
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.0 10.6
 80 9.5 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 4.055 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113771.D
 Acq: 15 Apr 2019 19:07

Tgt Ion:248 Resp: 19290
 Ion Ratio Lower Upper
 248 100
 250 194.3 78.3 117.5#
 141 418.9 56.2 84.4#

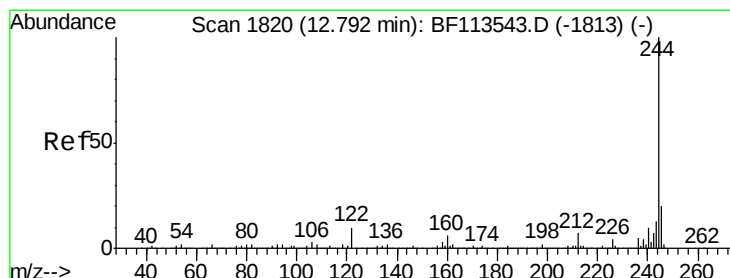
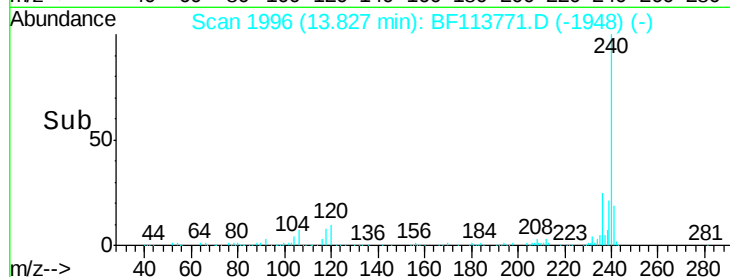
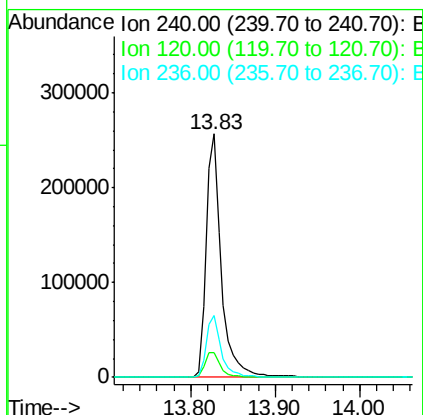
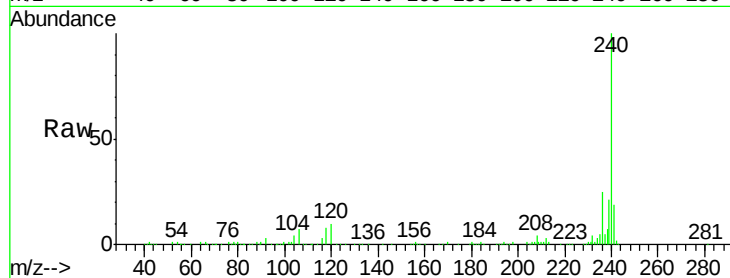




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113771.D
Acq: 15 Apr 2019 19:07

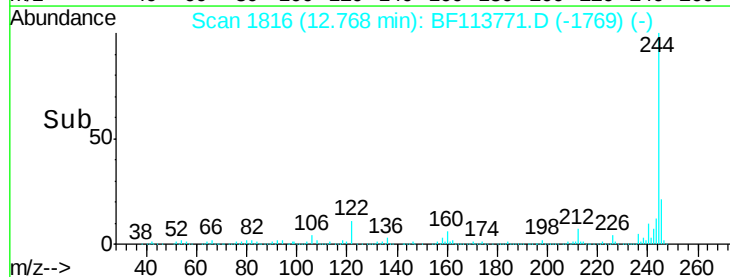
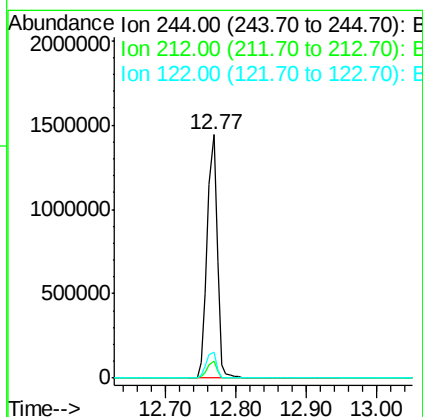
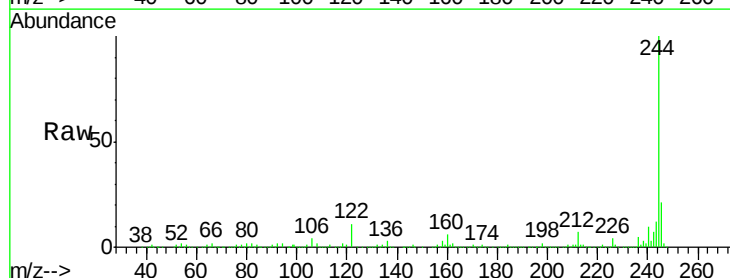
Instrument :
BNA_F
ClientSampleId :

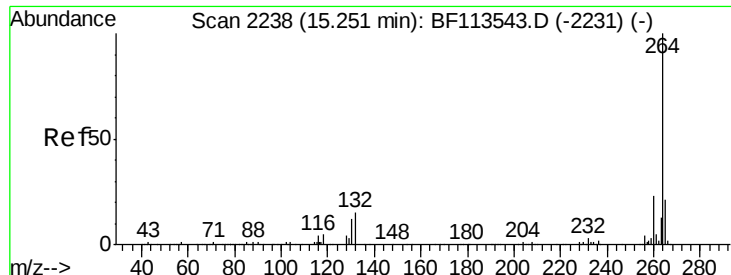
Tot Ion:240 Resp: 319367
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 91.452 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF113771.D
Acq: 15 Apr 2019 19:07

Tgt Ion:244 Resp: 1434513
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 10.7 8.6 13.0

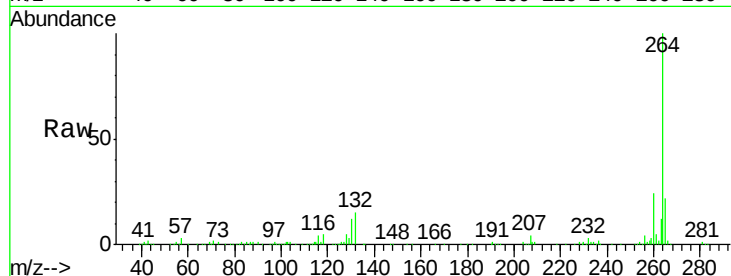




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113771.D
Acq: 15 Apr 2019 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	311286
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	22.1	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

