

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113588.D
 Acq On : 2 Apr 2019 3:50
 Operator : JU/SJ
 Sample : K2177-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 02 04:25:03 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

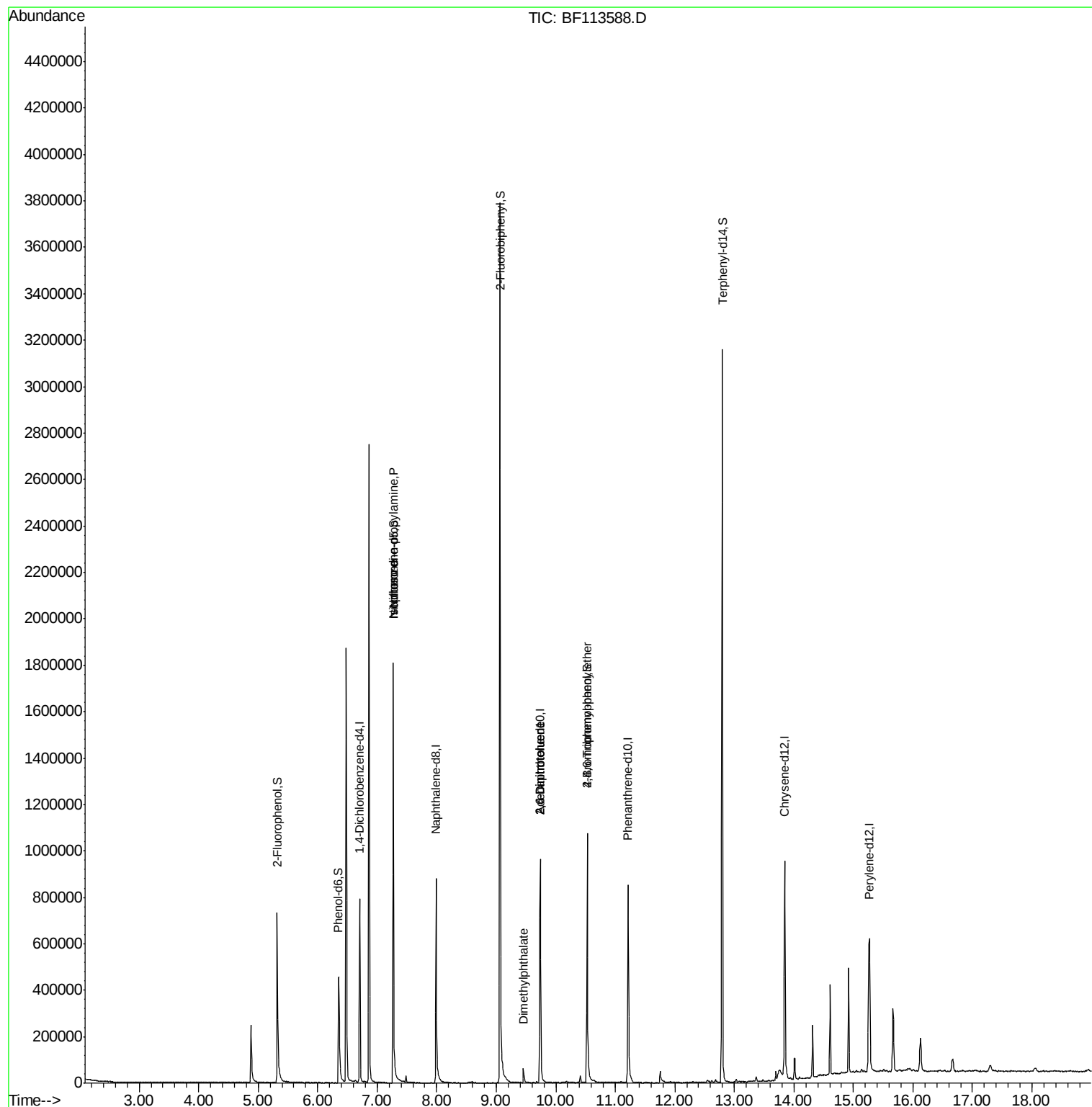
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	134080	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	498330	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	225137	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	394791	20.00	ng	0.00
76) Chrysene-d12	13.84	240	377198	20.00	ng	0.00
87) Perylene-d12	15.26	264	242254	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	278721	33.99	ng	0.00
7) Phenol-d6	6.35	99	225067	21.70	ng	0.00
23) Nitrobenzene-d5	7.27	82	691893	82.41	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	186918	67.21	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1337887	95.27	ng	0.00
79) Terphenyl-d14	12.80	244	1178311	68.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	89406	13.721	ng	# 77
25) Isophorone	7.27	82	691889	42.523	ng	# 64
50) Dimethylphthalate	9.46	163	40753	2.443	ng	100
51) 2,6-Dinitrotoluene	9.74	165	27721	7.365	ng	# 26
57) 2,4-Dinitrotoluene	9.74	165	27722	5.792	ng	# 22
67) 4-Bromophenyl-phenylether	10.53	248	10189	2.368	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113588.D
Acq On : 2 Apr 2019 3:50
Operator : JU/SJ
Sample : K2177-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Apr 02 04:25:03 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



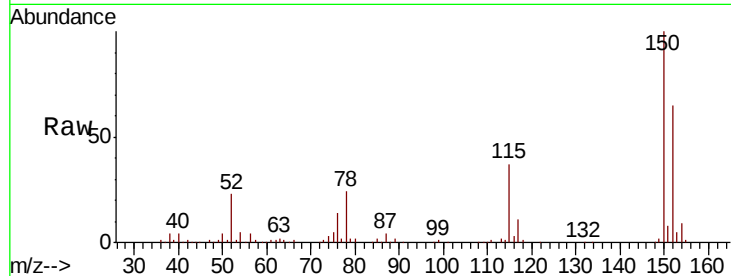


#1

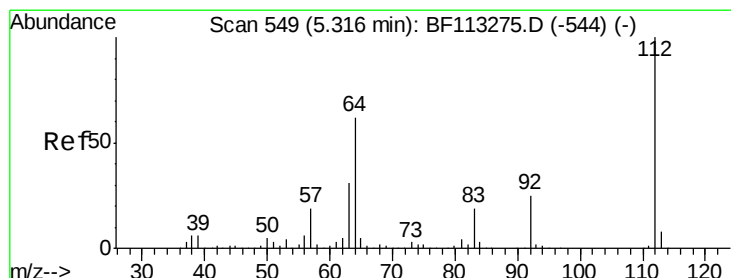
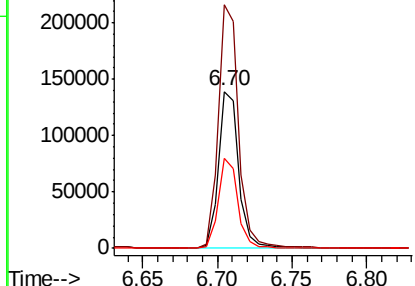
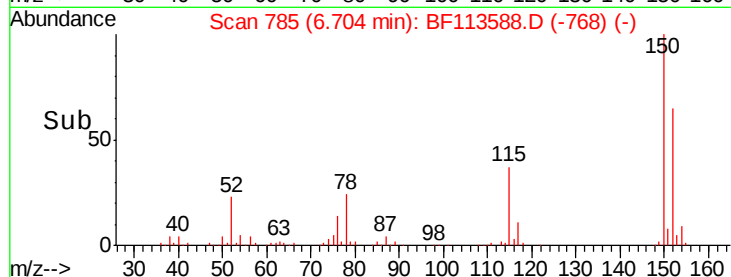
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113588.D
Acq: 2 Apr 2019 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 134080
Ion Ratio Lower Upper
152 100
150 155.0 124.7 187.1
115 57.6 46.0 69.0



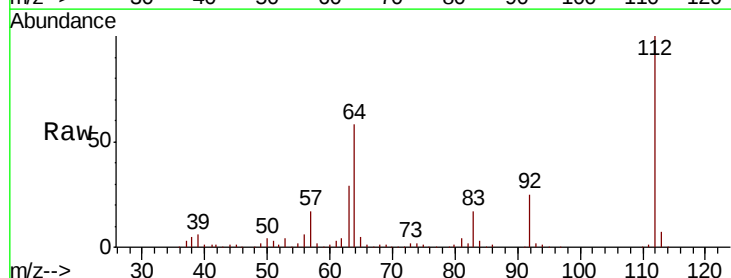
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



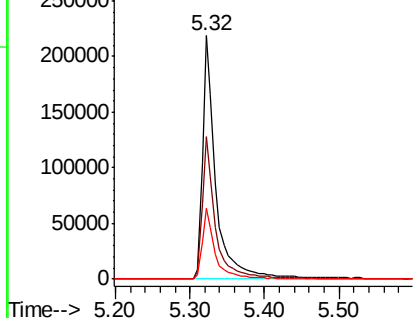
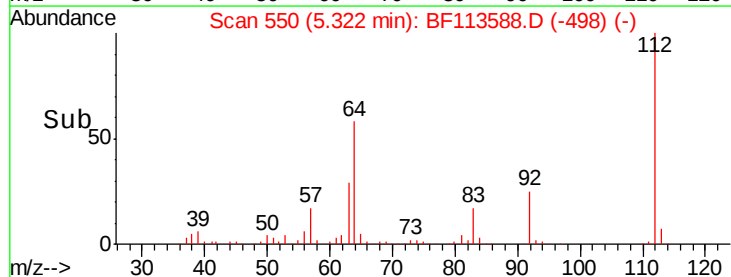
#5

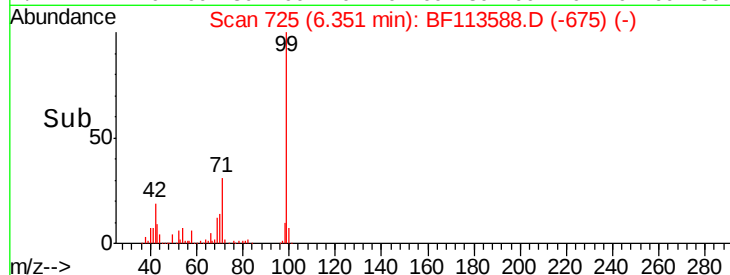
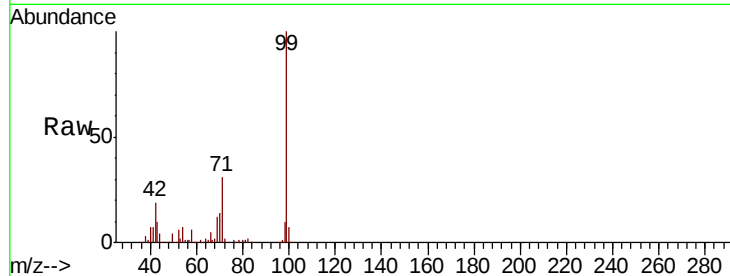
2-Fluorophenol
Concen: 33.990 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113588.D
Acq: 2 Apr 2019 3:50

Tgt Ion:112 Resp: 278721
Ion Ratio Lower Upper
112 100
64 58.3 49.2 73.8
63 28.9 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: 21.696 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 2 Apr 2019 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

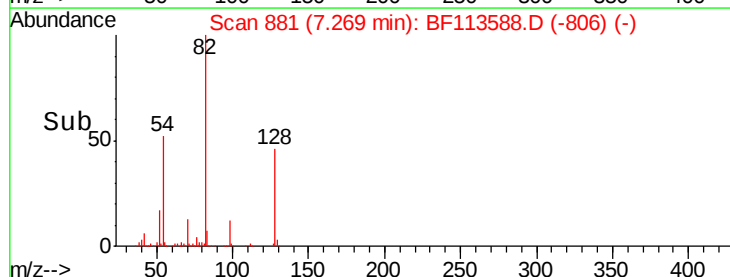
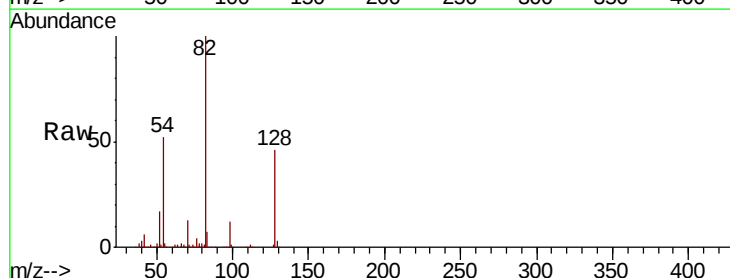
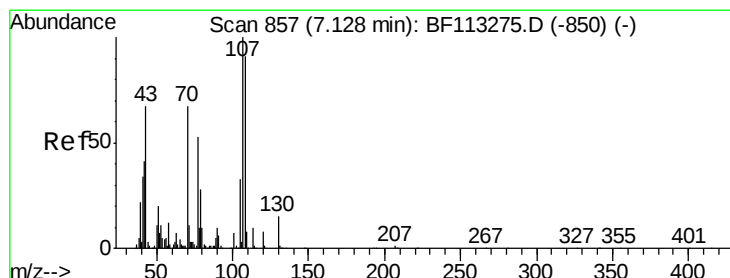
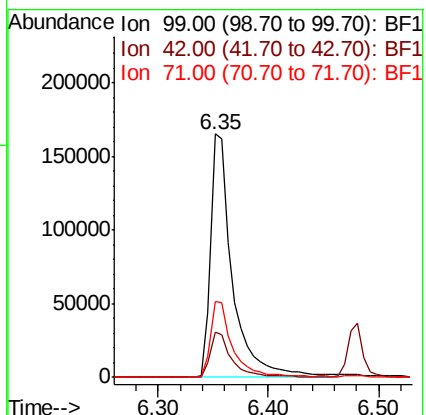
Tgt Ion: 99 Resp: 225067

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

71 31.4 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.721 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113588.D

Acq: 2 Apr 2019 3:50

Tgt Ion: 70 Resp: 89406

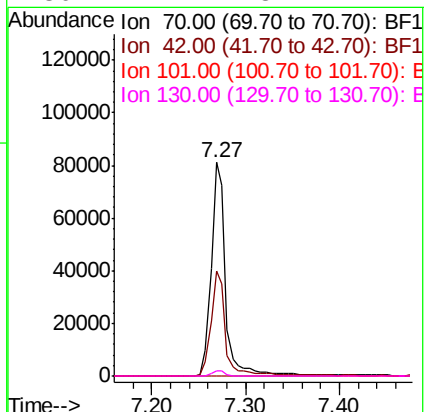
Ion Ratio Lower Upper

70 100

42 49.4 48.4 72.6

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113588.D

Acq: 2 Apr 2019 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 136 Resp: 498330

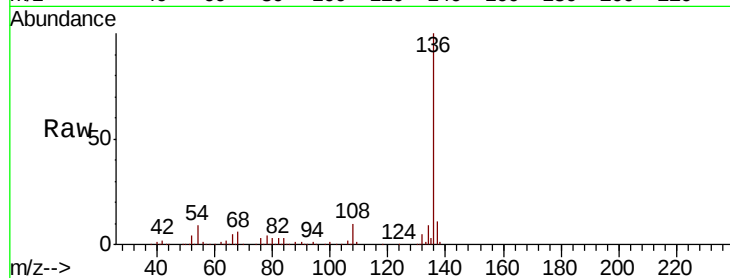
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.6 7.0 10.6

68 6.3 4.8 7.2

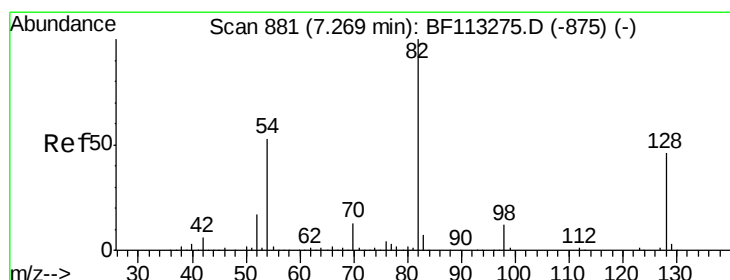
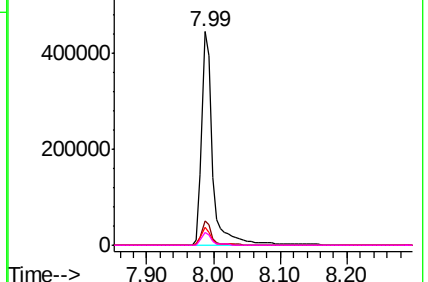
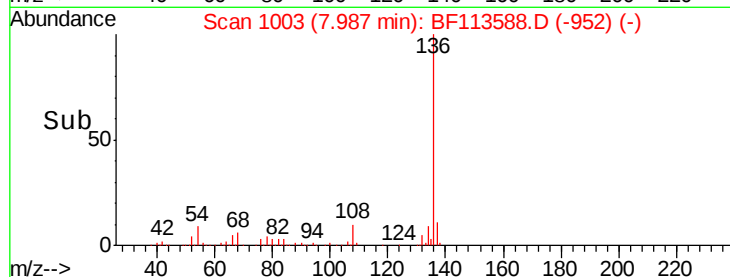


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.409 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113588.D

Acq: 2 Apr 2019 3:50

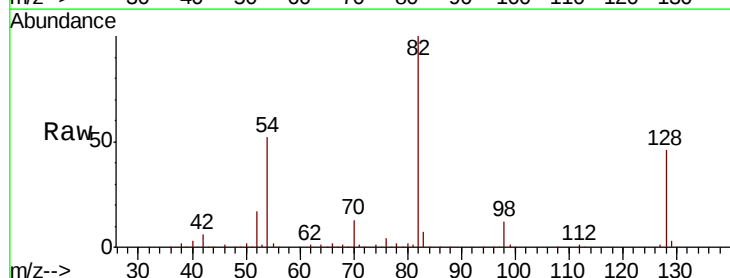
Tgt Ion: 82 Resp: 691893

Ion Ratio Lower Upper

82 100

128 45.8 36.5 54.7

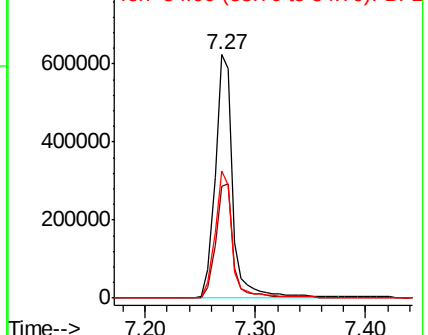
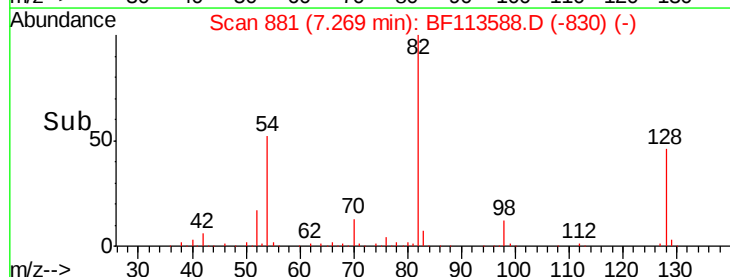
54 52.5 42.2 63.2

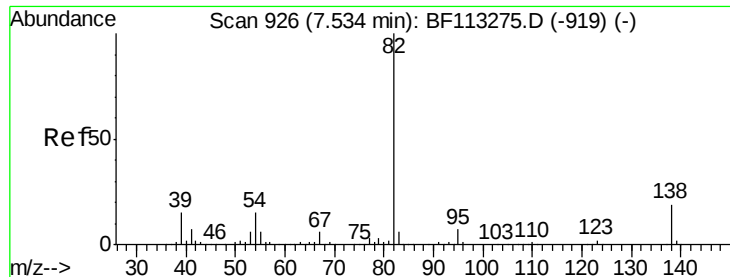


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

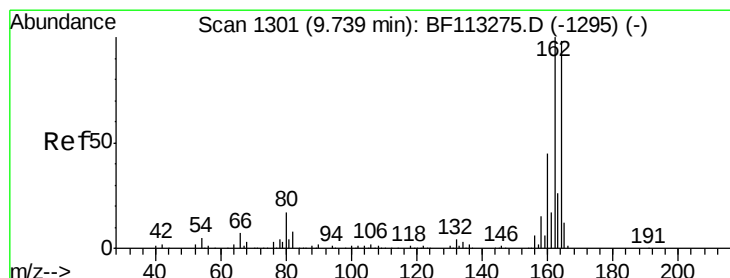
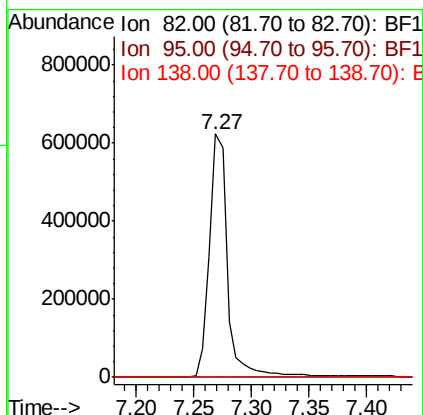
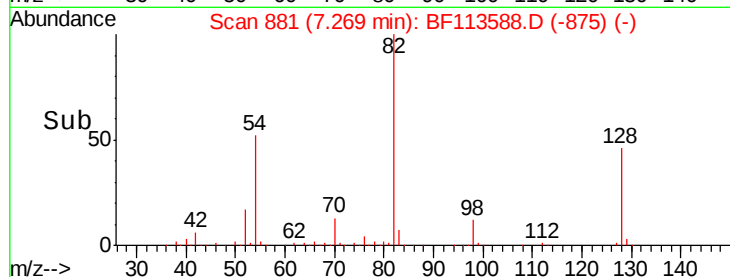
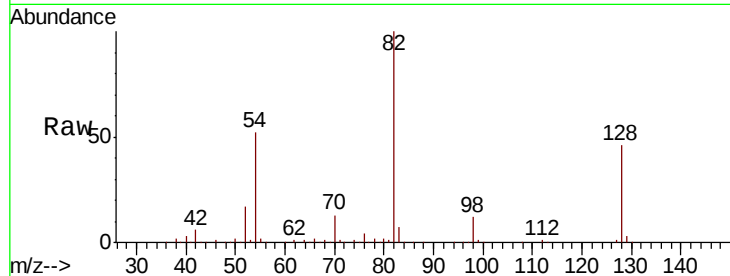




#25
Isophorone
Concen: 42.523 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113588.D
Acq: 2 Apr 2019 3:50

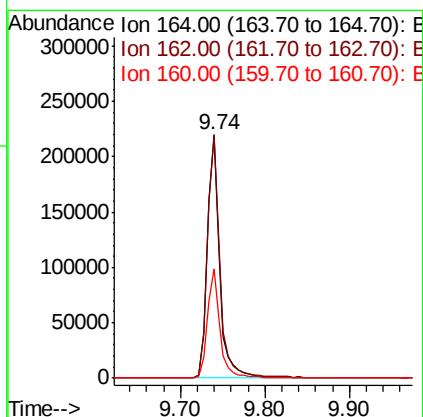
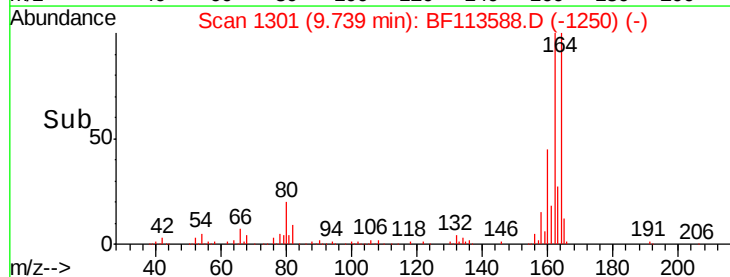
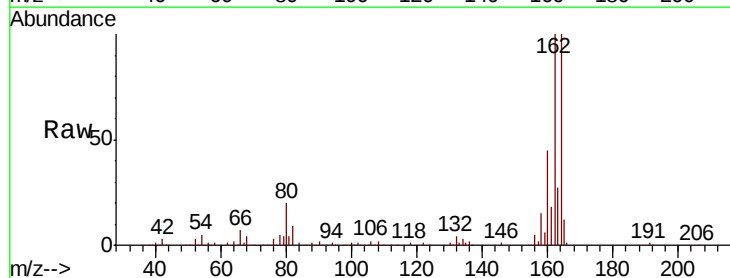
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

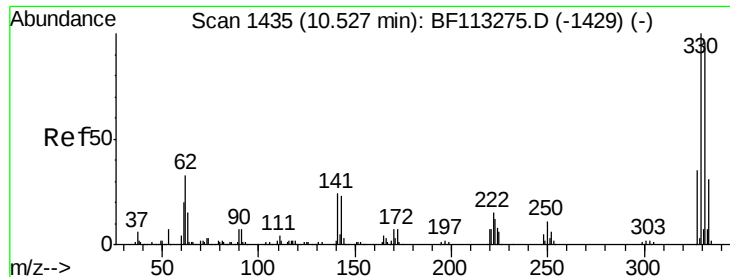
Tgt Ion: 82 Resp: 691889
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF113588.D
Acq: 2 Apr 2019 3:50

Tgt Ion: 164 Resp: 225137
Ion Ratio Lower Upper
164 100
162 100.3 81.8 122.6
160 44.8 36.4 54.6

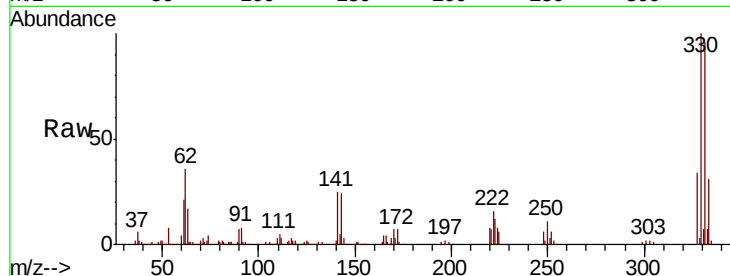




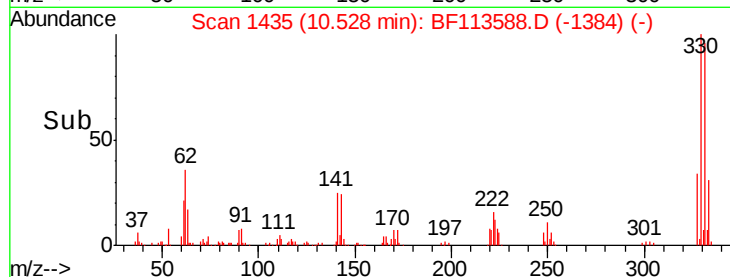
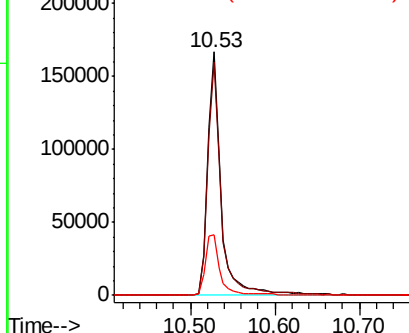
#42
 2,4,6-Tribromophenol
 Concen: 67.214 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113588.D
 Acq: 2 Apr 2019 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 186918
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.8 116.6
 141 27.7 22.7 34.1

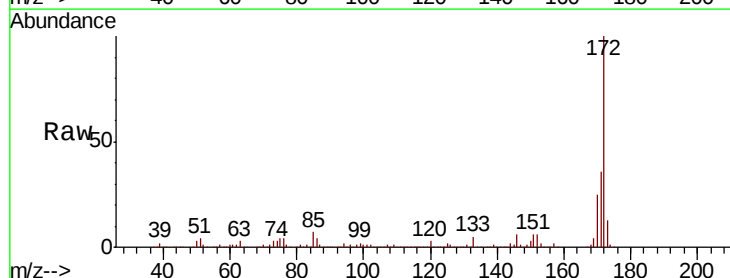


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

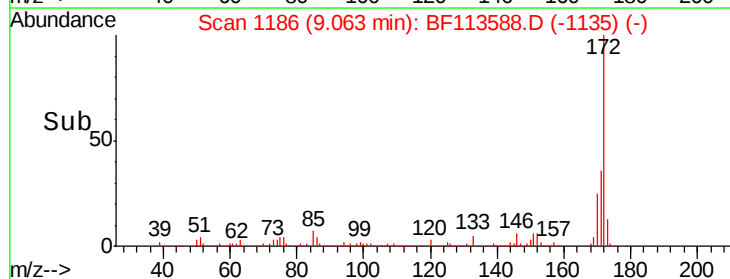
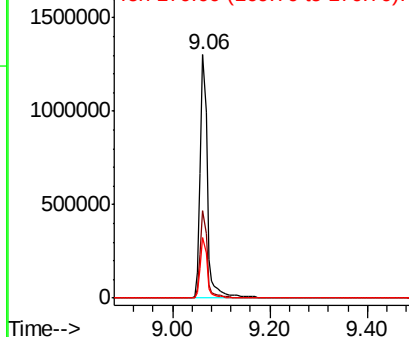


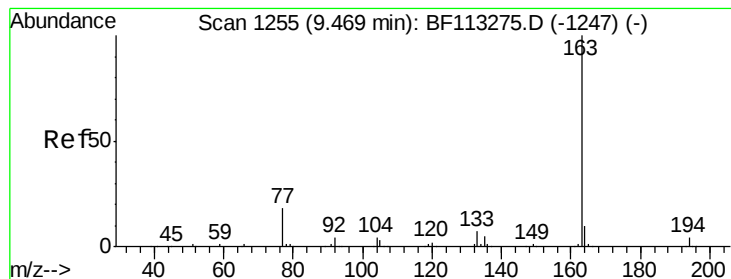
#45
 2-Fluorobiphenyl
 Concen: 95.273 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113588.D
 Acq: 2 Apr 2019 3:50

Tgt Ion:172 Resp: 1337887
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.6 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: 2.443 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 2 Apr 2019 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

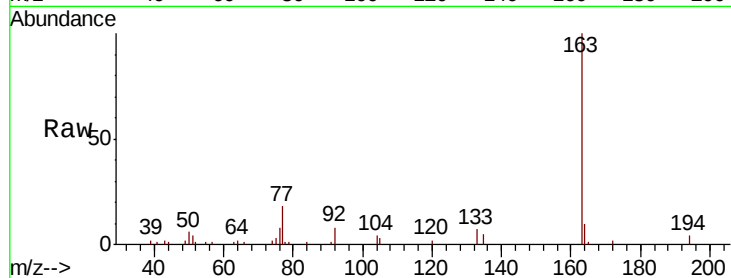
Tgt Ion:163 Resp: 40753

Ion Ratio Lower Upper

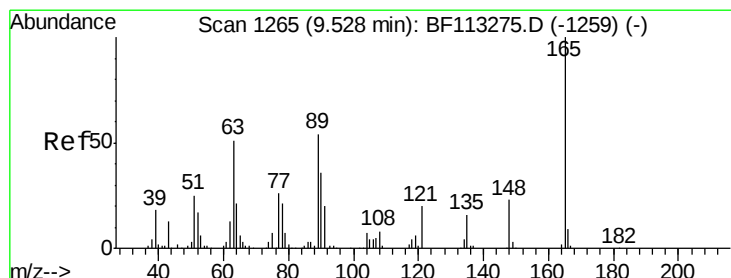
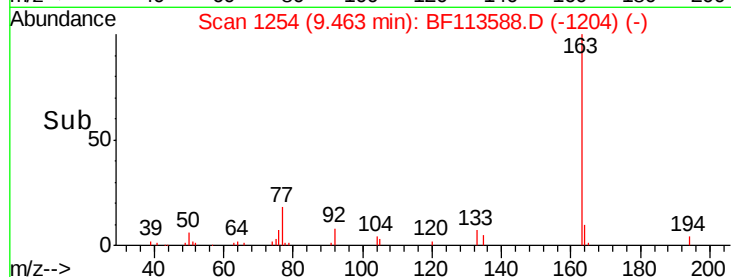
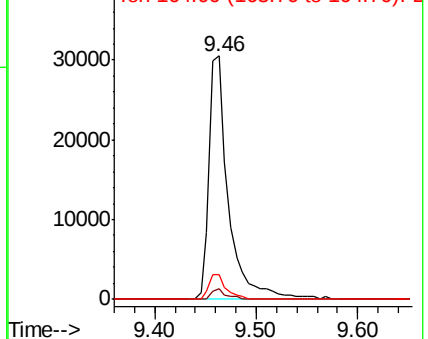
163 100

194 4.2 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: 7.365 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.21 min

Lab File: BF113588.D

Acq: 2 Apr 2019 3:50

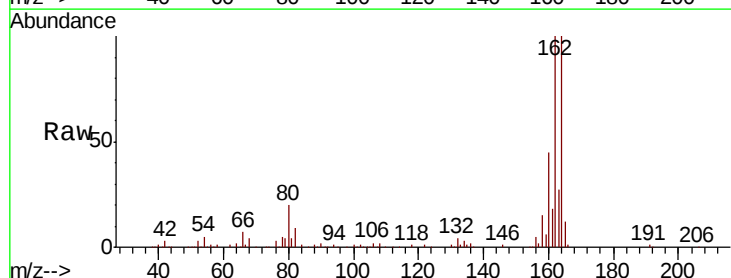
Tgt Ion:165 Resp: 27721

Ion Ratio Lower Upper

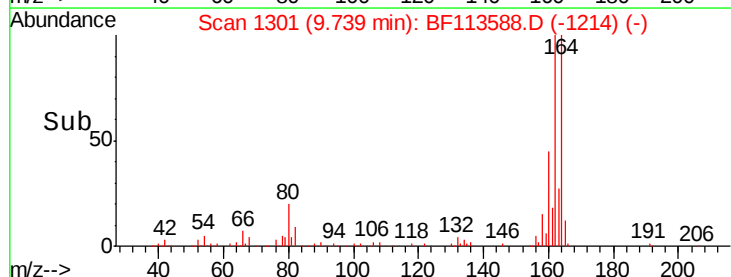
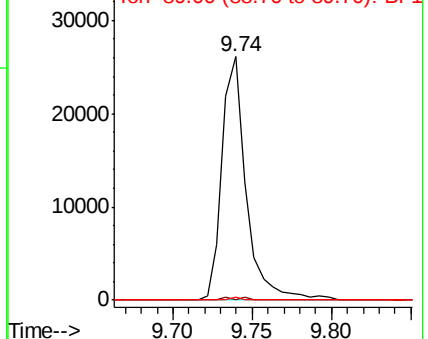
165 100

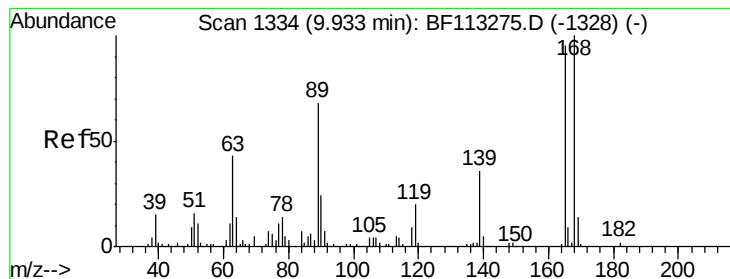
63 0.0 43.4 65.0#

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

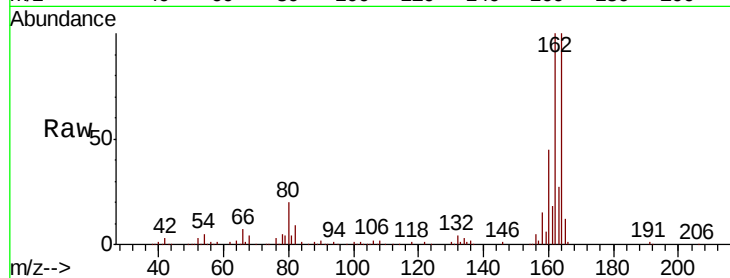




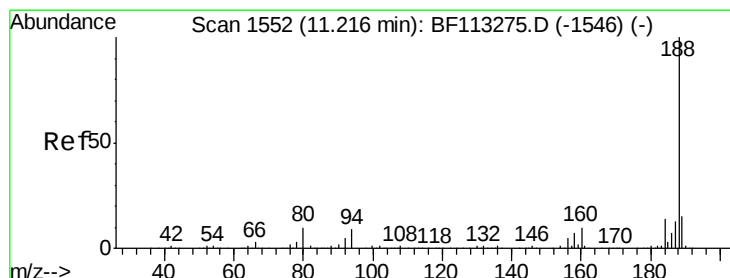
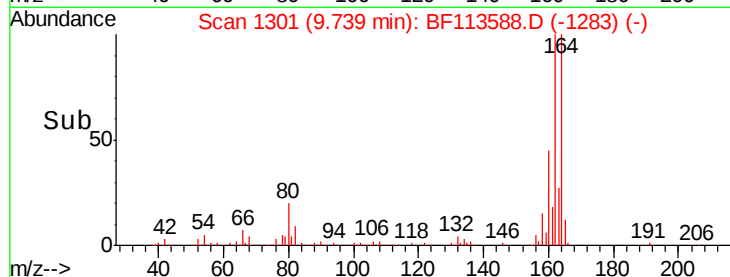
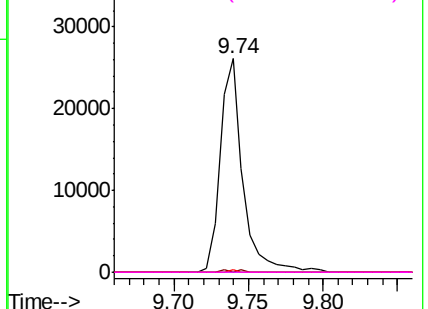
#57
 2,4-Dinitrotoluene
 Concen: 5.792 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.19 min
 Lab File: BF113588.D
 Acq: 2 Apr 2019 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:165 Resp: 27722
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.5 56.3#
 89 1.3 57.4 86.2#
 182 0.0 2.0 3.0#

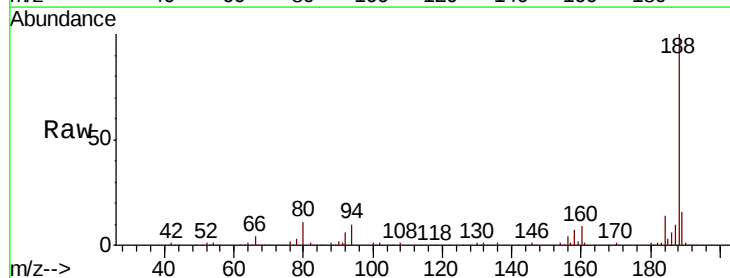


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

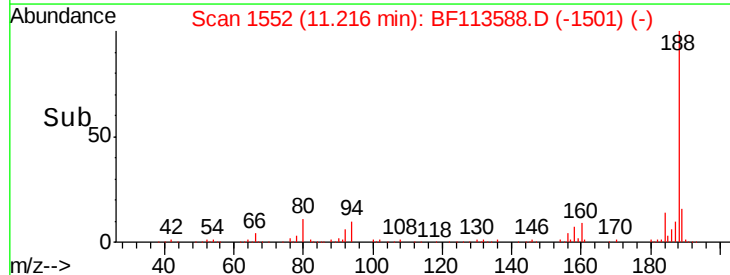
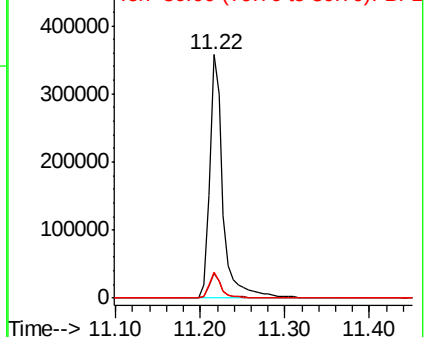


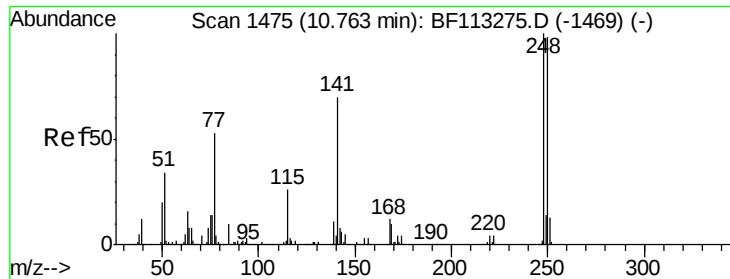
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF113588.D
 Acq: 2 Apr 2019 3:50

Tgt Ion:188 Resp: 394791
 Ion Ratio Lower Upper
 188 100
 94 10.0 7.0 10.6
 80 10.9 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

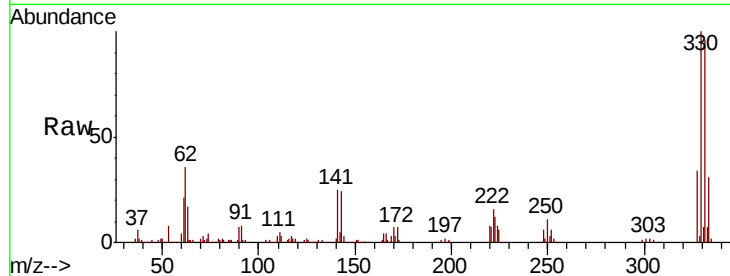




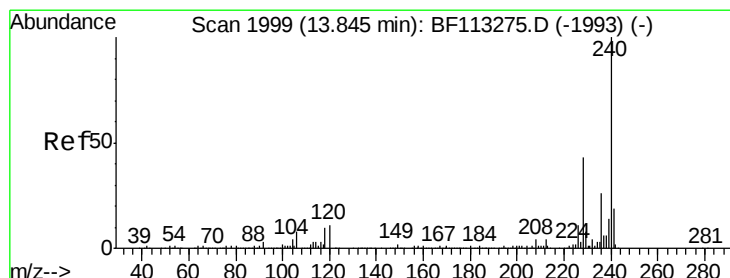
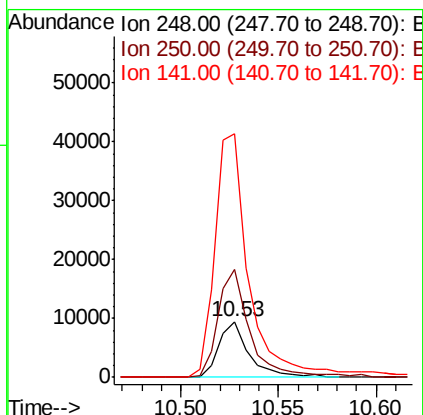
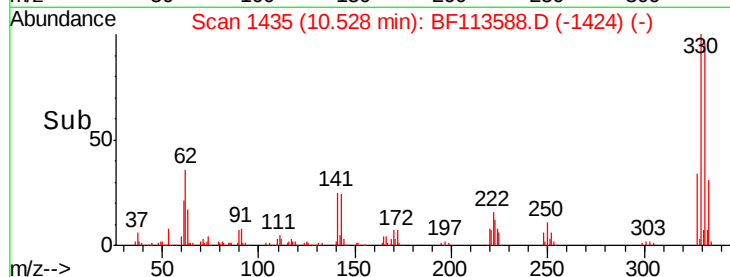
#67
 4-Bromophenyl-phenylether
 Concen: 2.368 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF113588.D
 Acq: 2 Apr 2019 3:50

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion:248 Resp: 10189
 Ion Ratio Lower Upper
 248 100
 250 194.8 78.3 117.5#
 141 438.6 56.2 84.4#

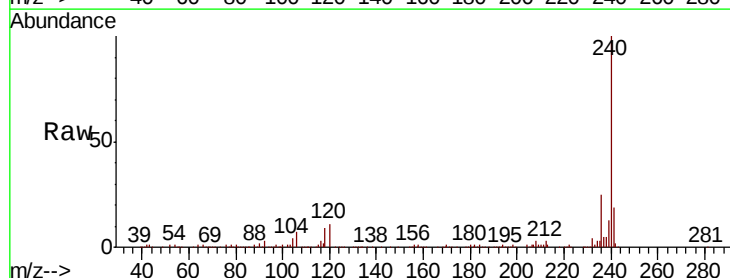


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

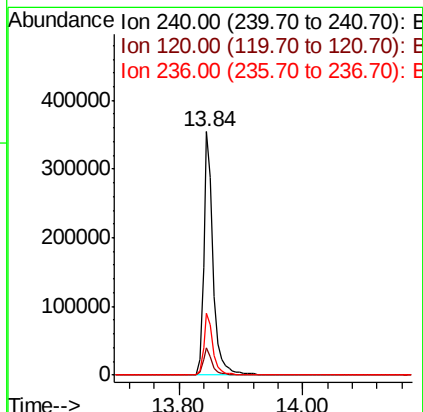
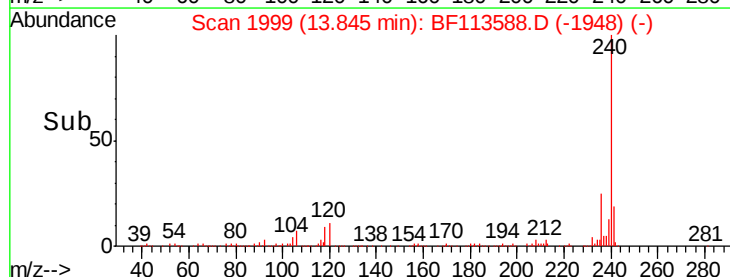


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF113588.D
 Acq: 2 Apr 2019 3:50

Tgt Ion:240 Resp: 377198
 Ion Ratio Lower Upper
 240 100
 120 11.5 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

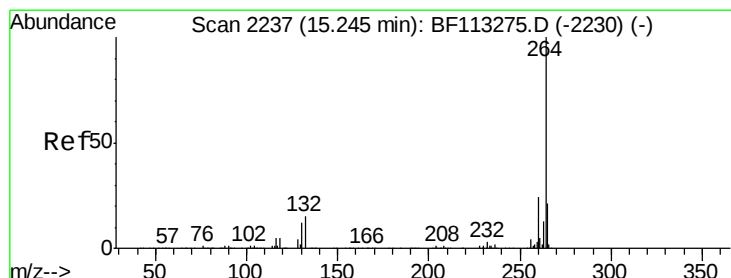
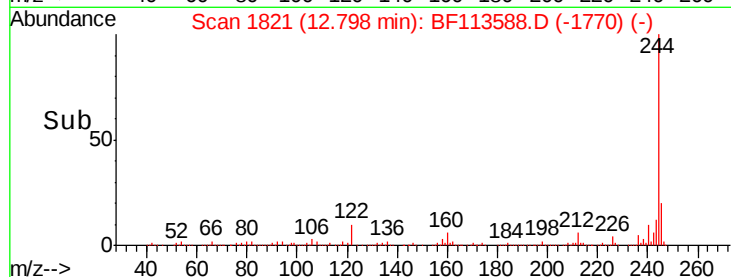
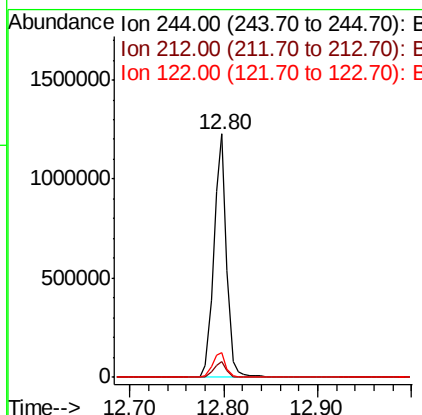
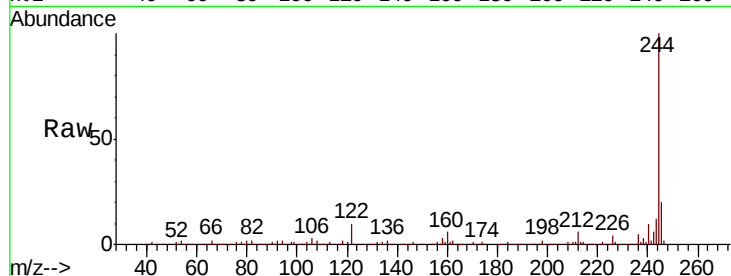




#79
 Terphenyl-d14
 Concen: 68.855 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF113588.D
 Acq: 2 Apr 2019 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:244 Resp: 1178311
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.5 8.3
 122 10.3 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BF113588.D
 Acq: 2 Apr 2019 3:50

Tgt Ion:264 Resp: 242254
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.5 17.1 25.7

