

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041519\
 Data File : BF113778.D
 Acq On : 15 Apr 2019 22:29
 Operator : JU/SJ
 Sample : K2390-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 02:07:13 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

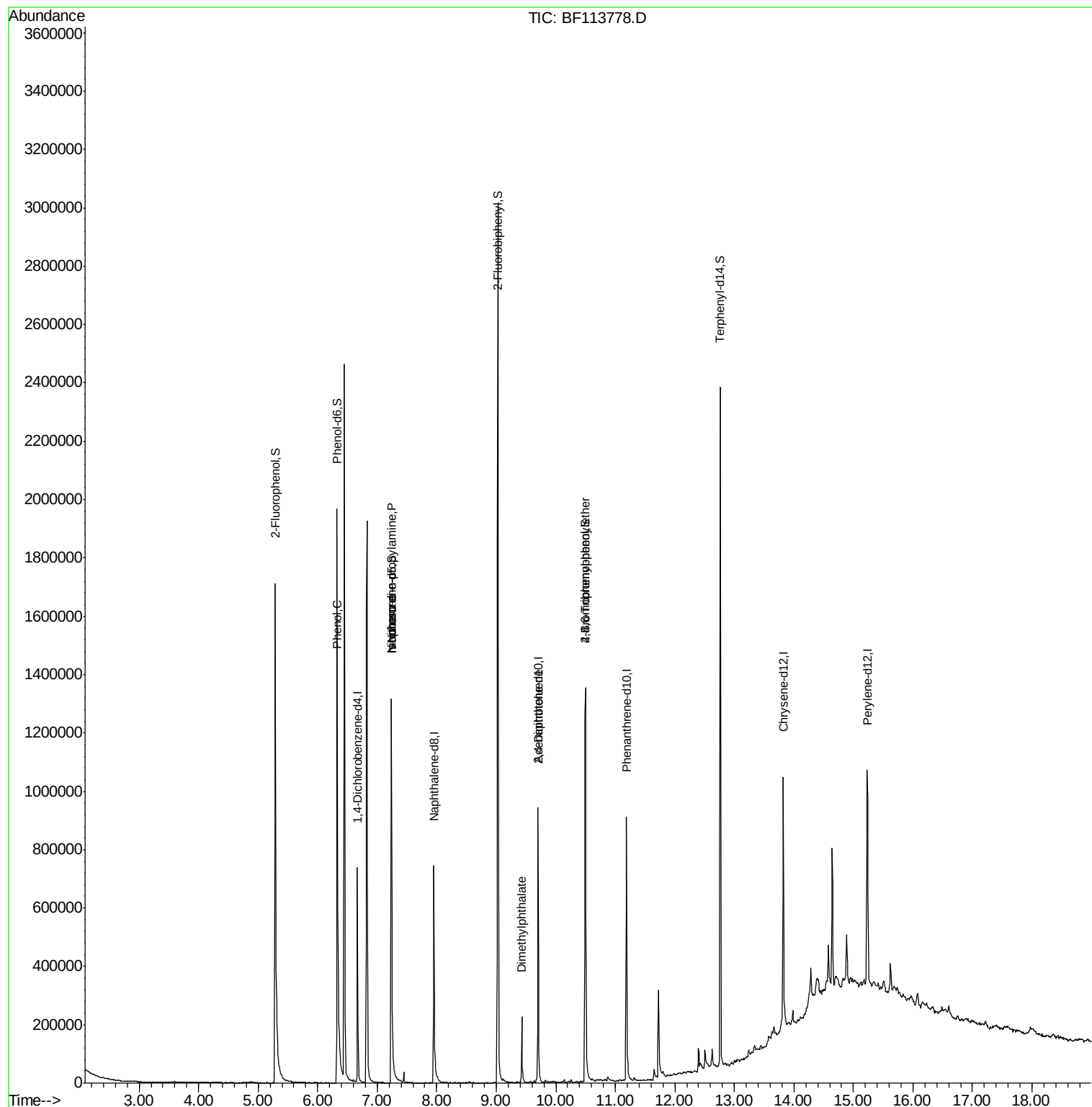
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	118008	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	432847	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	199818	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	362039	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	320693	20.00	ng	-0.02
87) Perylene-d12	15.23	264	319211	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	686756	99.24	ng	-0.01
7) Phenol-d6	6.33	99	913811	107.14	ng	-0.01
23) Nitrobenzene-d5	7.24	82	525278	71.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	226589	94.40	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	973593	78.44	ng	-0.02
79) Terphenyl-d14	12.76	244	889583	56.48	ng	-0.03
Target Compounds						
10) Phenol	6.34	94	19700	2.022	ng	# 65
19) n-Nitroso-di-n-propylamine	7.24	70	67480	12.830	ng	# 75
25) Isophorone	7.24	82	525274	36.900	ng	# 64
50) Dimethylphthalate	9.43	163	109024	7.402	ng	# 99
57) 2,4-Dinitrotoluene	9.70	165	25120	6.397	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	12282	3.025	ng	# 1

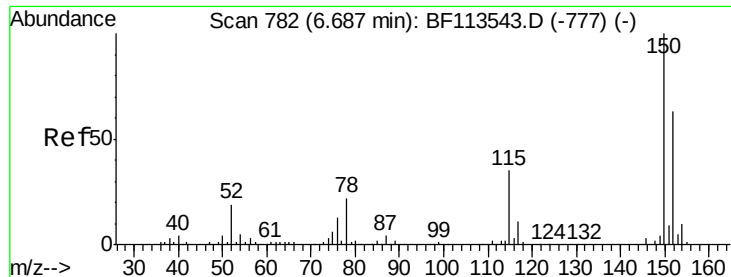
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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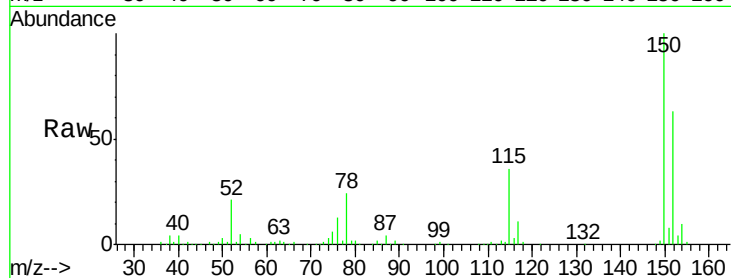


#1

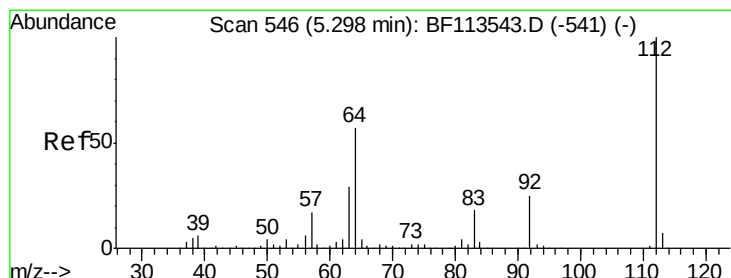
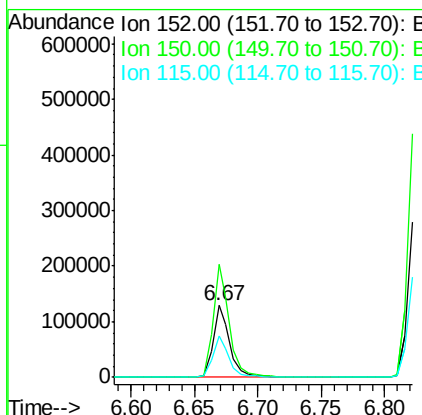
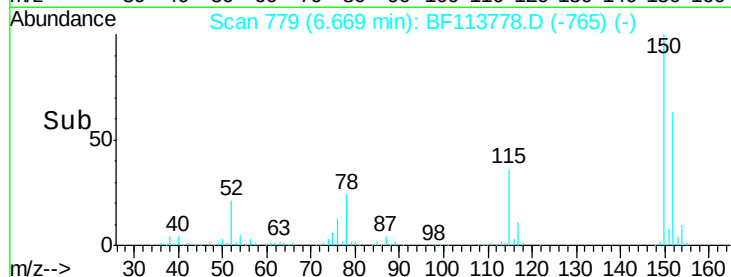
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113778.D
Acq: 15 Apr 2019 22:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 118008
Ion Ratio Lower Upper
152 100
150 157.7 124.7 187.1
115 57.3 46.0 69.0



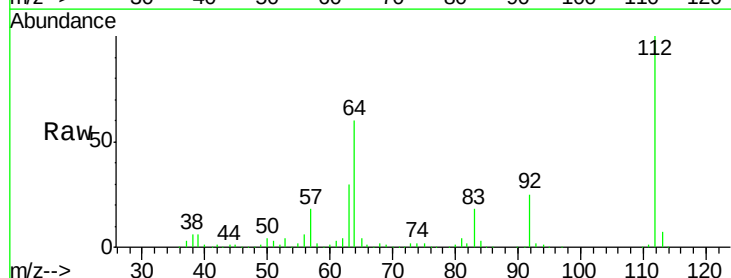
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



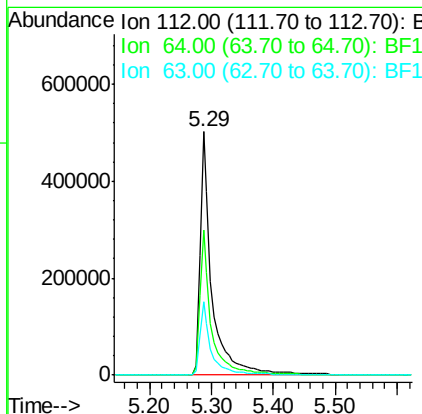
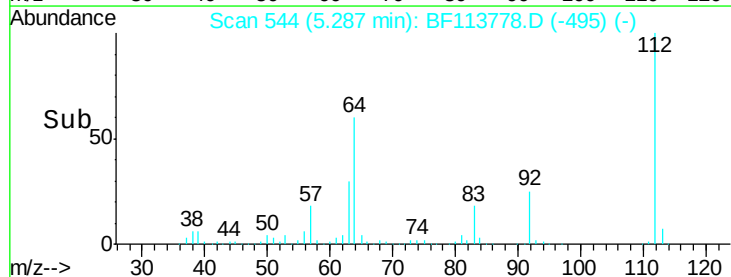
#5

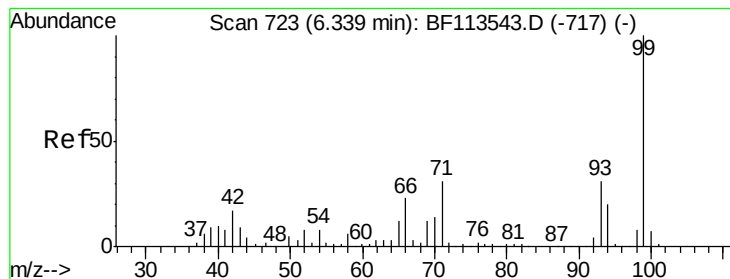
2-Fluorophenol
Concen: 99.237 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113778.D
Acq: 15 Apr 2019 22:29

Tgt Ion:112 Resp: 686756
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 30.0 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: 107.137 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113778.D

Acq: 15 Apr 2019 22:29

Instrument :

BNA_F

ClientSampled :

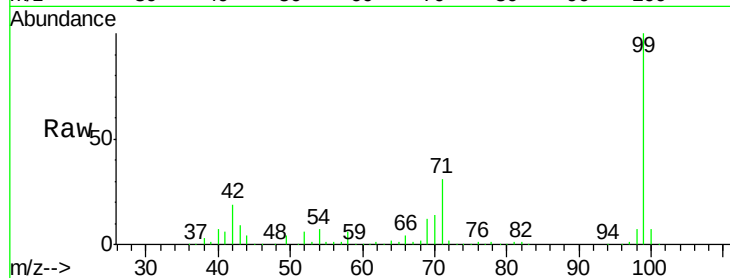
Tot Ion: 99 Resp: 913811

Ion Ratio Lower Upper

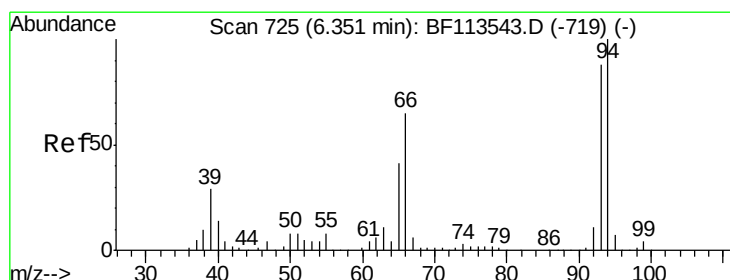
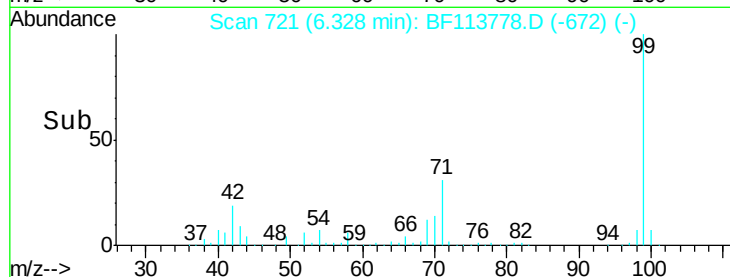
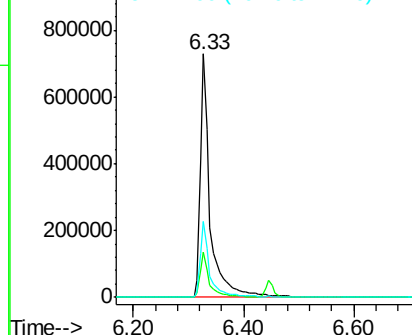
99 100

42 18.5 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



#10

Phenol

Concen: 2.022 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF113778.D

Acq: 15 Apr 2019 22:29

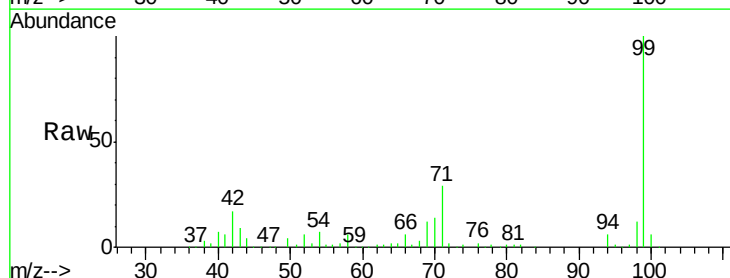
Tgt Ion: 94 Resp: 19700

Ion Ratio Lower Upper

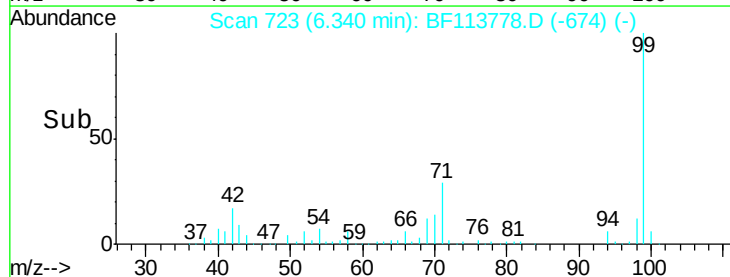
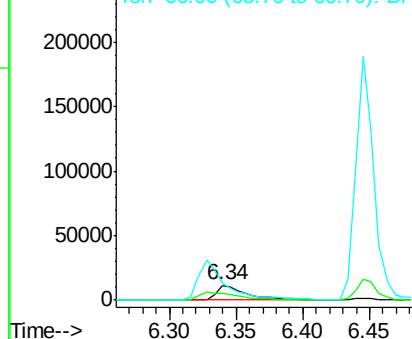
94 100

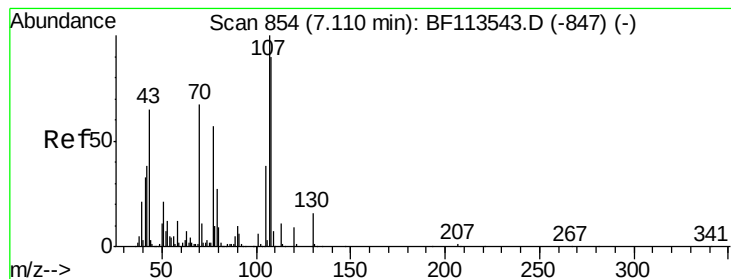
65 42.8 21.4 61.4

66 110.4 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: 12.830 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113778.D

Acq: 15 Apr 2019 22:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 67480

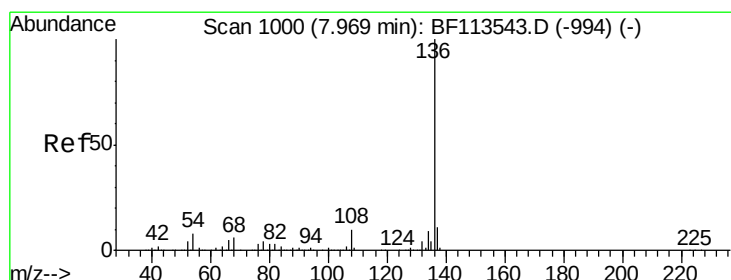
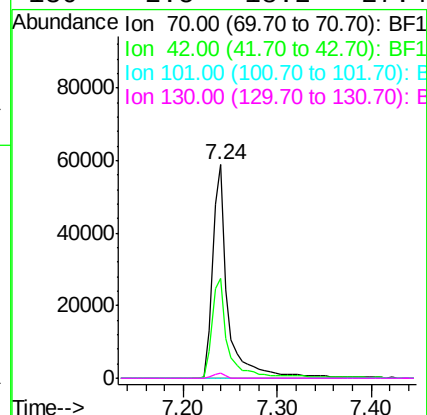
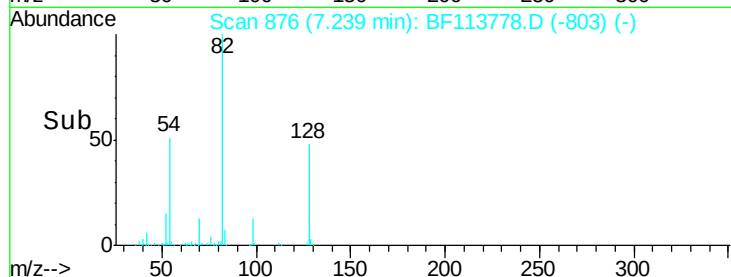
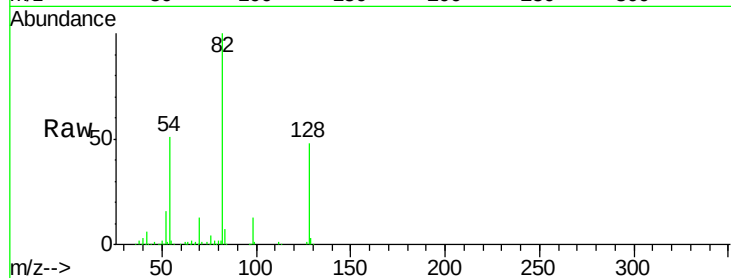
Ion Ratio Lower Upper

70 100

42 46.9 48.4 72.6#

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF113778.D

Acq: 15 Apr 2019 22:29

Tgt Ion: 136 Resp: 432847

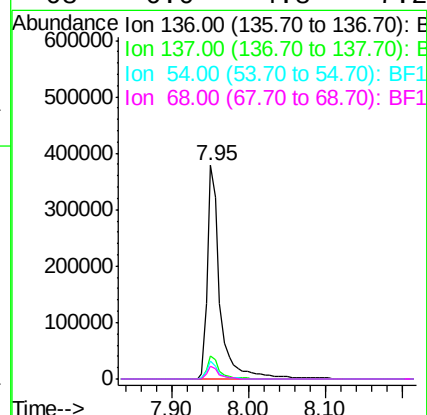
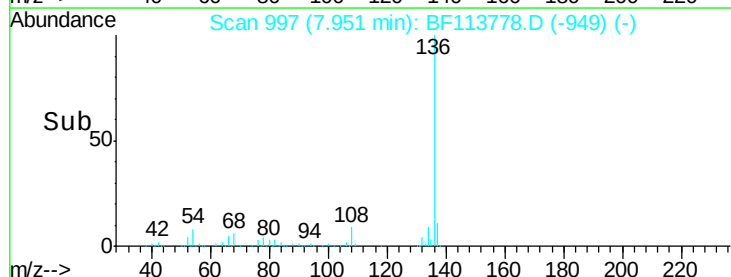
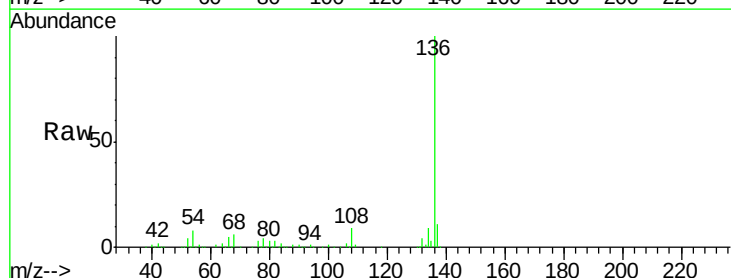
Ion Ratio Lower Upper

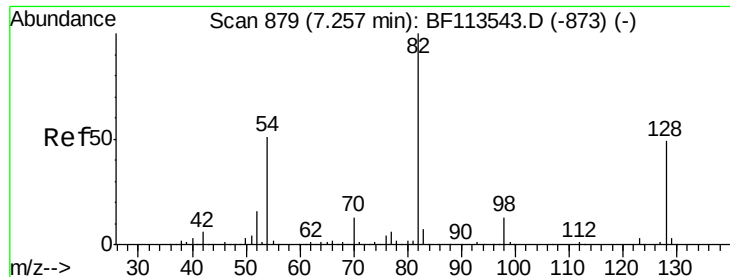
136 100

137 10.9 8.9 13.3

54 8.2 7.0 10.6

68 6.0 4.8 7.2

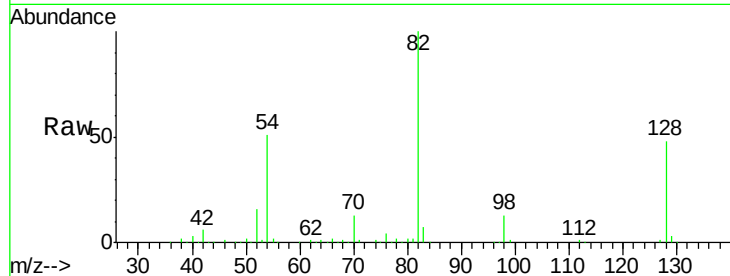




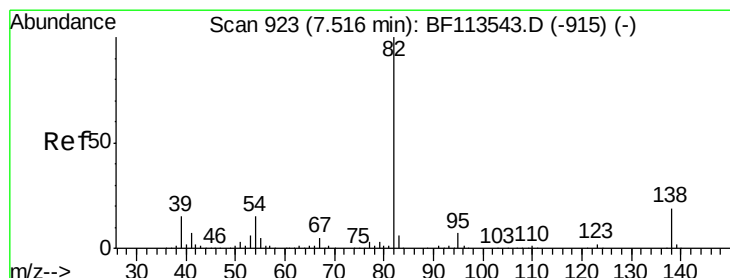
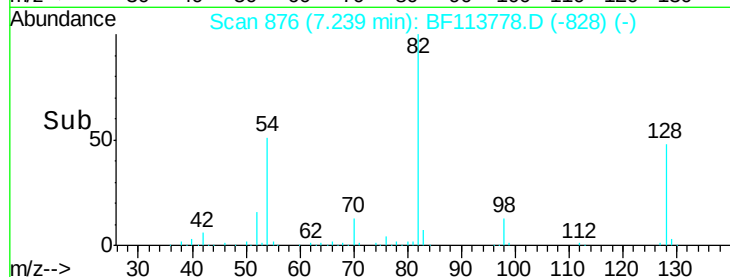
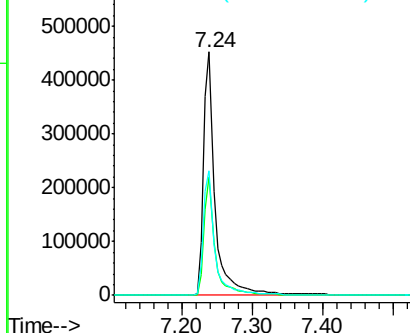
#23
Nitrobenzene-d5
Concen: 71.084 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113778.D
Acq: 15 Apr 2019 22:29

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 525278
Ion Ratio Lower Upper
82 100
128 48.5 36.5 54.7
54 51.1 42.2 63.2

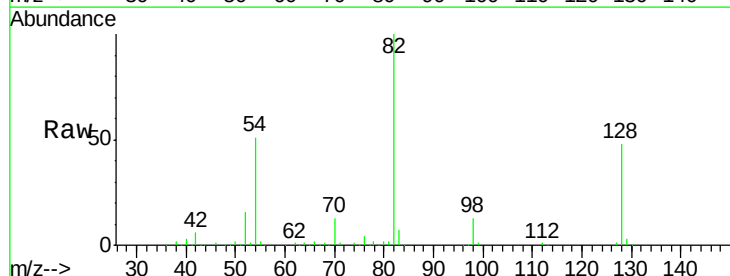


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

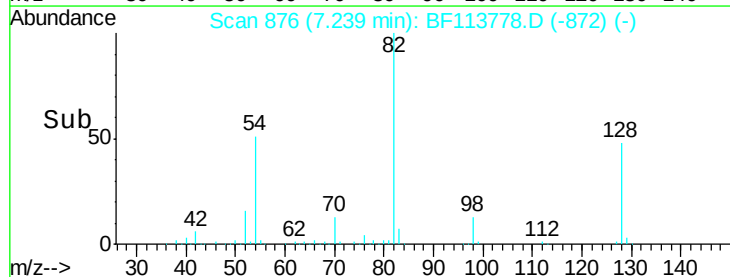
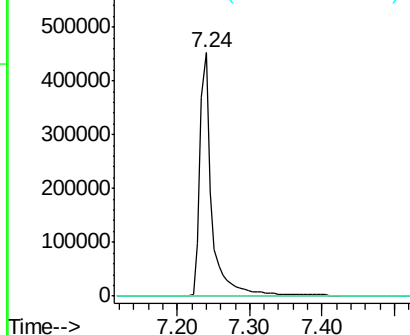


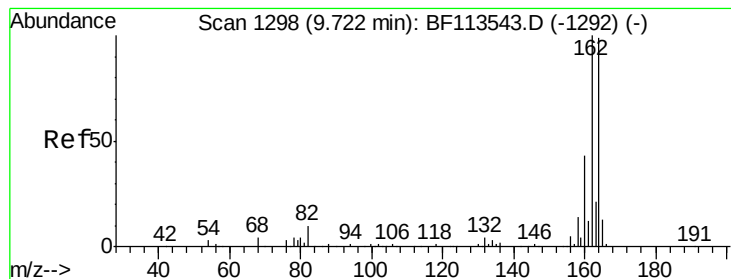
#25
Isophorone
Concen: 36.900 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.28 min
Lab File: BF113778.D
Acq: 15 Apr 2019 22:29

Tgt Ion: 82 Resp: 525274
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: BF113778.D

Acq: 15 Apr 2019 22:29

Instrument :

BNA_F

ClientSampled :

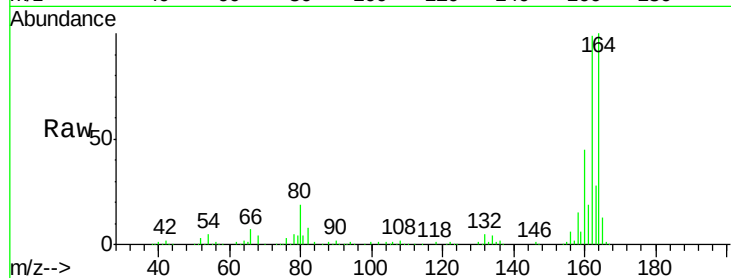
Tot Ion:164 Resp: 199818

Ion Ratio Lower Upper

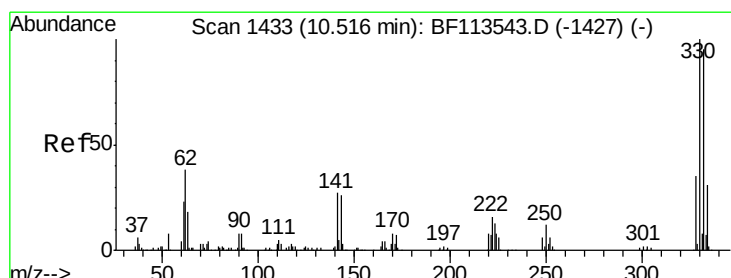
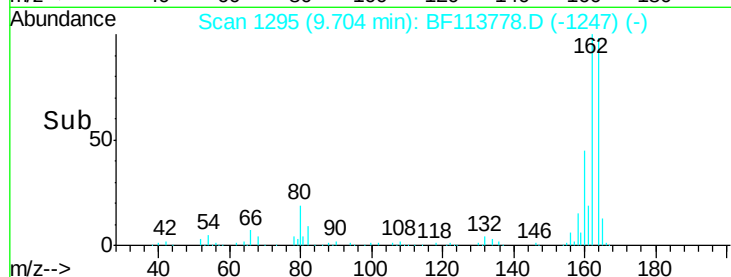
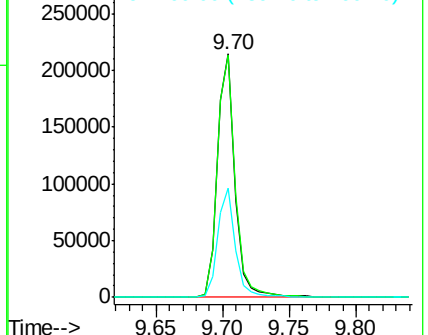
164 100

162 99.4 81.8 122.6

160 45.1 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: 94.400 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113778.D

Acq: 15 Apr 2019 22:29

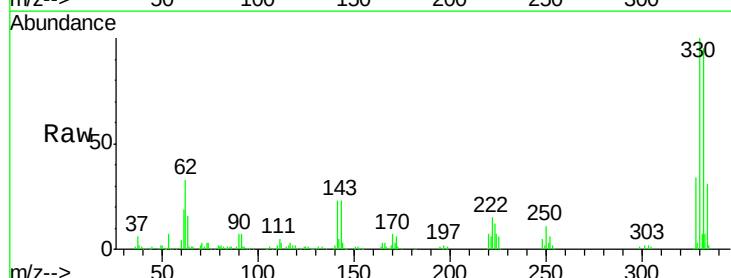
Tgt Ion:330 Resp: 226589

Ion Ratio Lower Upper

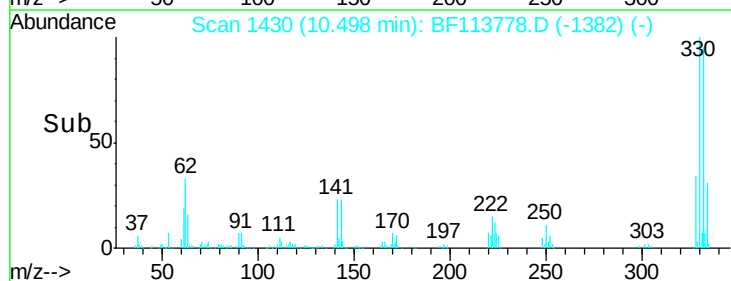
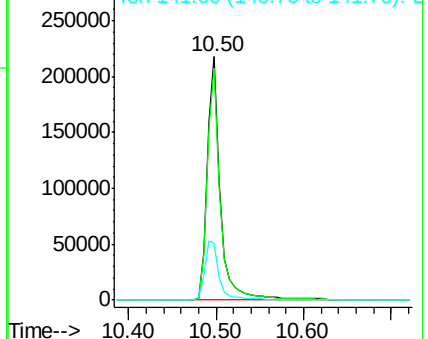
330 100

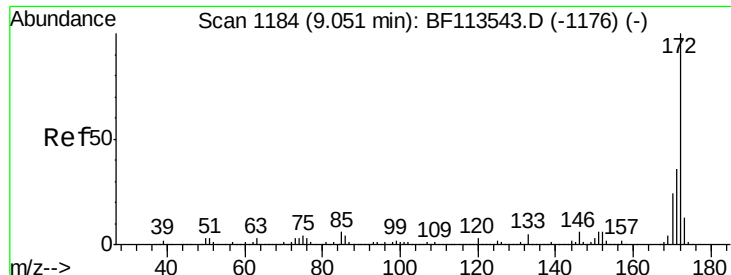
332 96.1 77.8 116.6

141 27.1 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

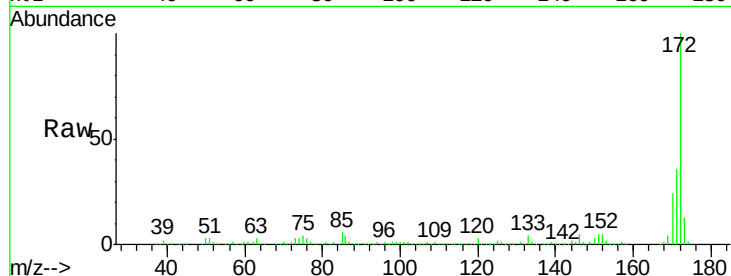




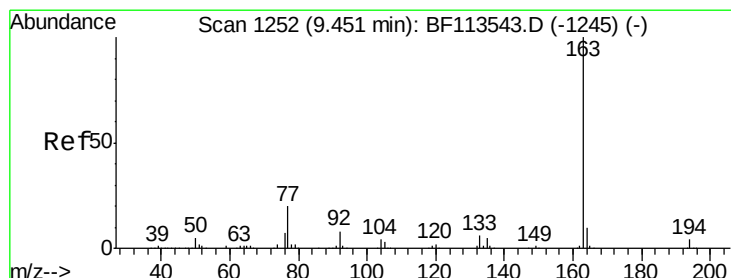
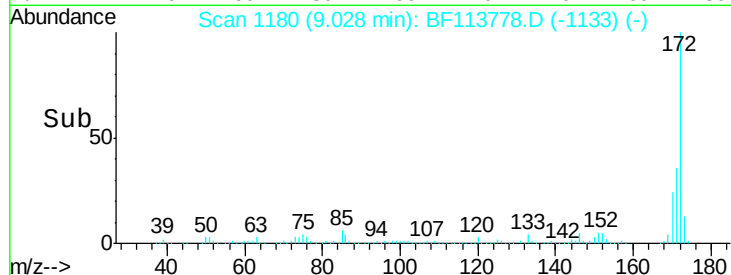
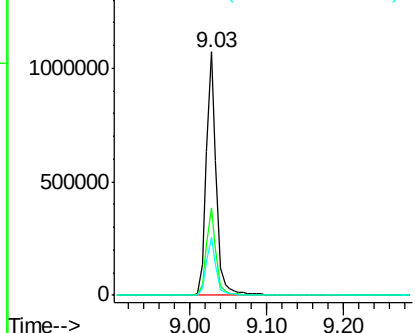
#45
2-Fluorobiphenyl
Concen: 78.440 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113778.D
Acq: 15 Apr 2019 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 973593
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.9 19.5 29.3

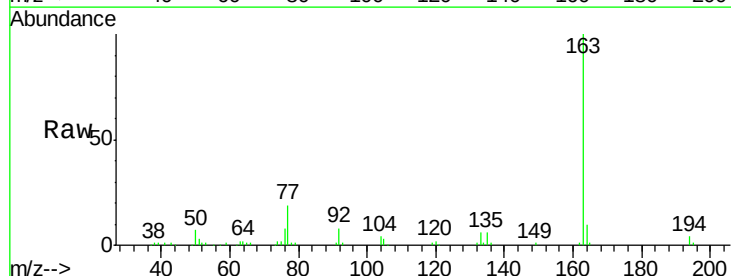


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

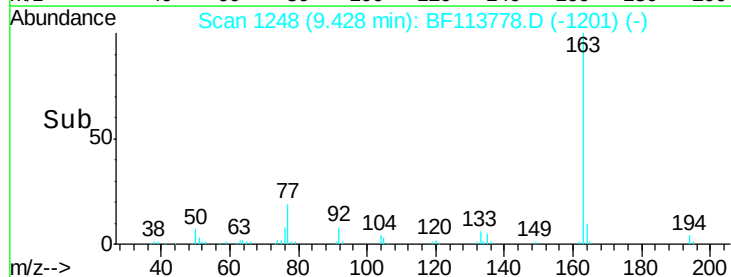
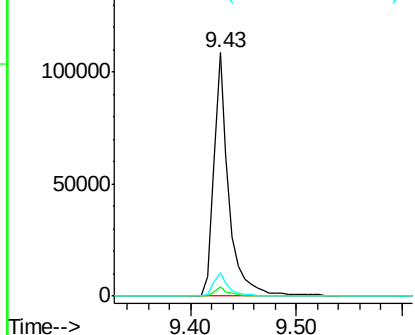


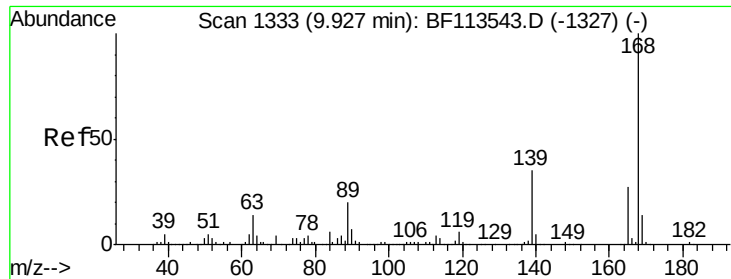
#50
Dimethylphthalate
Concen: 7.402 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113778.D
Acq: 15 Apr 2019 22:29

Tgt Ion:163 Resp: 109024
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.5 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

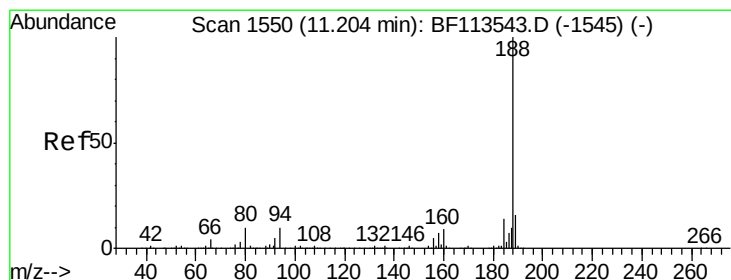
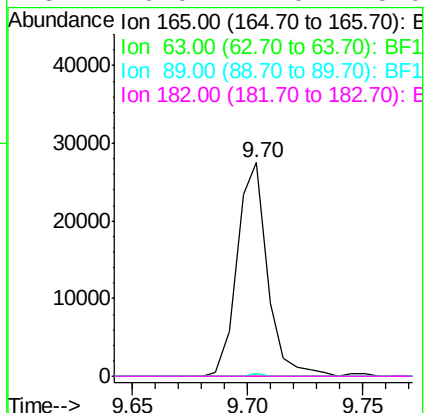
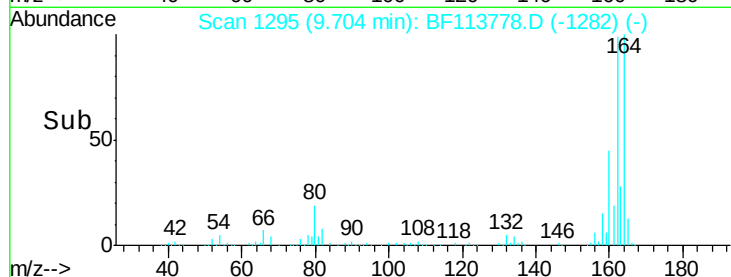
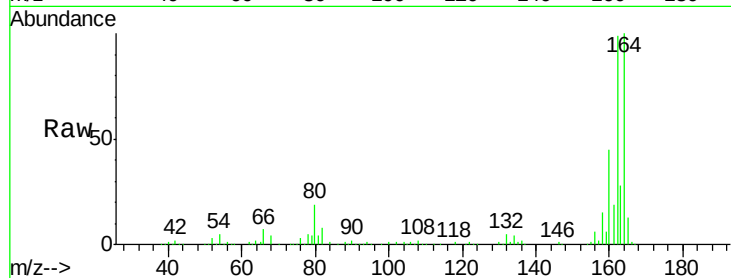




#57
 2,4-Dinitrotoluene
 Concen: 6.397 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.22 min
 Lab File: BF113778.D
 Acq: 15 Apr 2019 22:29

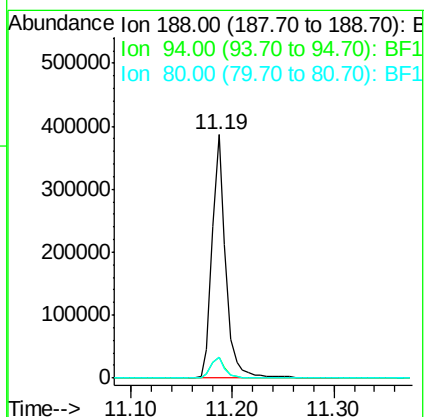
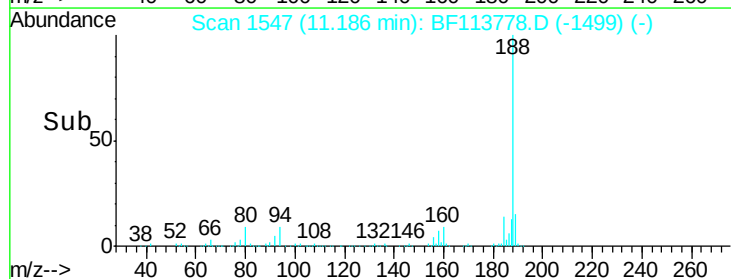
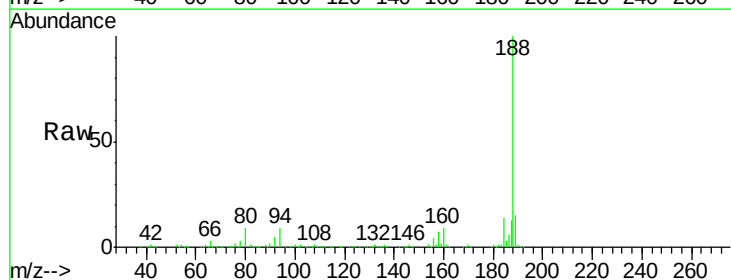
Instrument :
 BNA_F
 ClientSampleId :

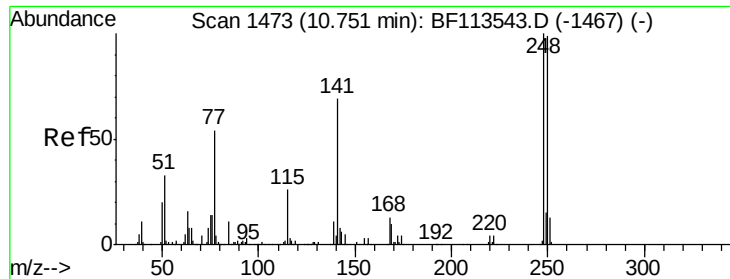
Tot Ion:165	Resp:	25120
Ion Ratio	Lower	Upper
165	100	
63	1.1	37.5 56.3#
89	1.2	57.4 86.2#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113778.D
 Acq: 15 Apr 2019 22:29

Tgt Ion:188	Resp:	362039
Ion Ratio	Lower	Upper
188	100	
94	8.8	7.0 10.6
80	8.8	7.7 11.5

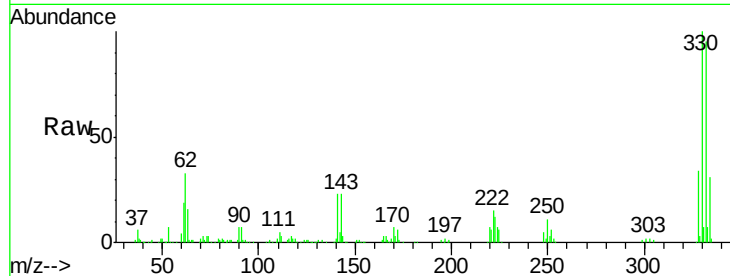




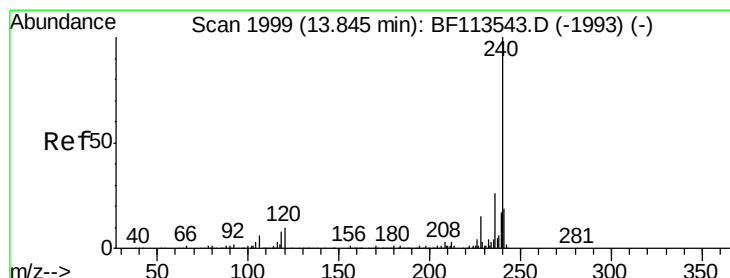
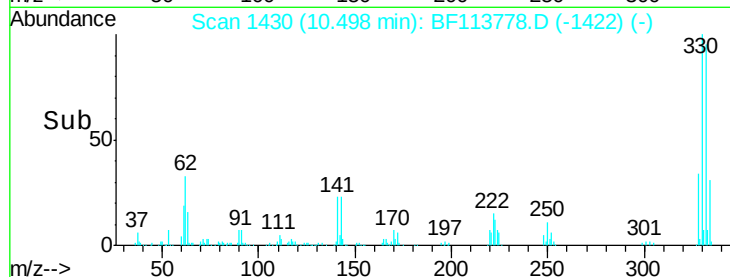
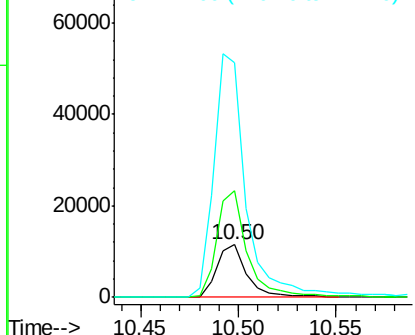
#67
 4-Bromophenyl-phenylether
 Concen: 3.025 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113778.D
 Acq: 15 Apr 2019 22:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12282
 Ion Ratio Lower Upper
 248 100
 250 204.1 78.3 117.5#
 141 445.4 56.2 84.4#

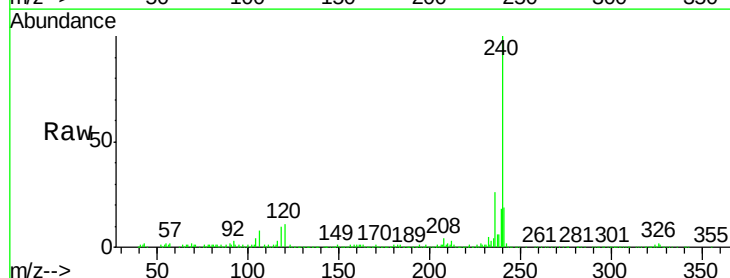


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

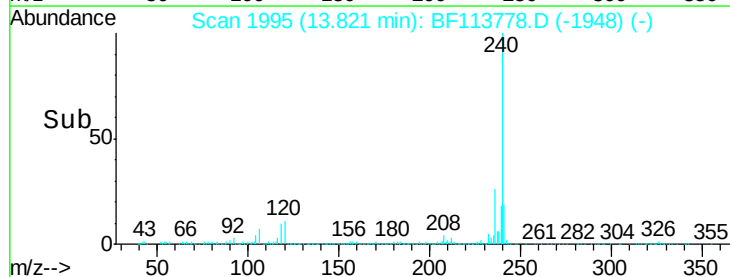
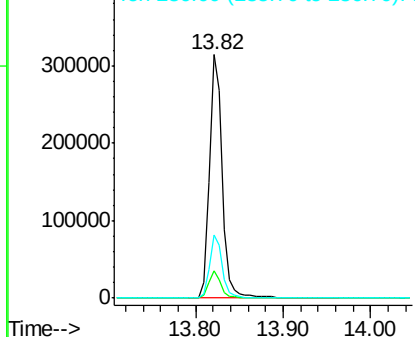


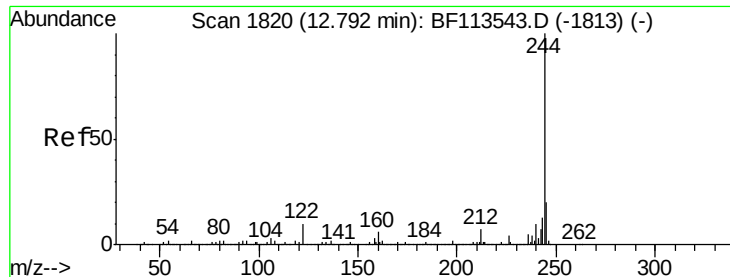
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF113778.D
 Acq: 15 Apr 2019 22:29

Tgt Ion:240 Resp: 320693
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.8 13.2
 236 25.8 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: 56.478 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113778.D

Acq: 15 Apr 2019 22:29

Instrument :

BNA_F

ClientSampled :

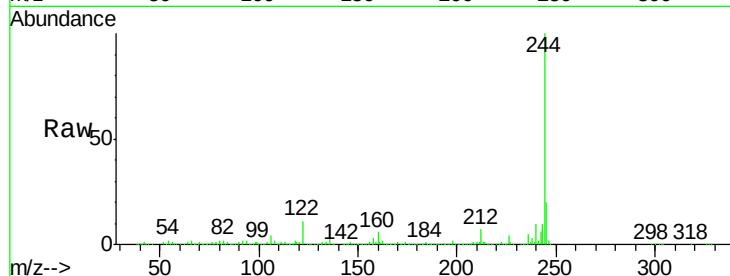
Tot Ion:244 Resp: 889583

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

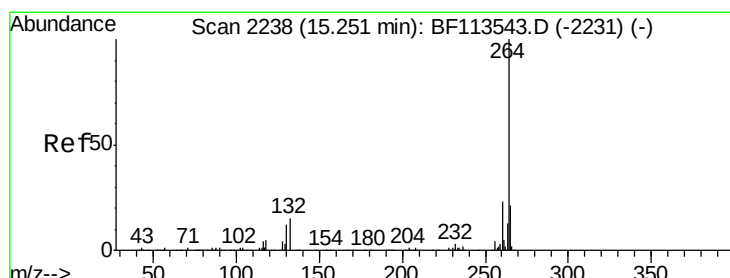
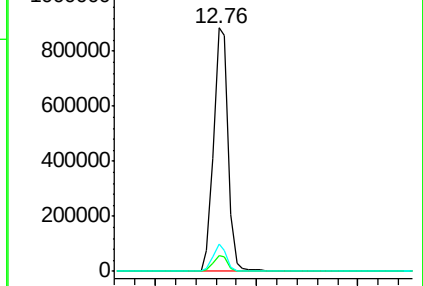
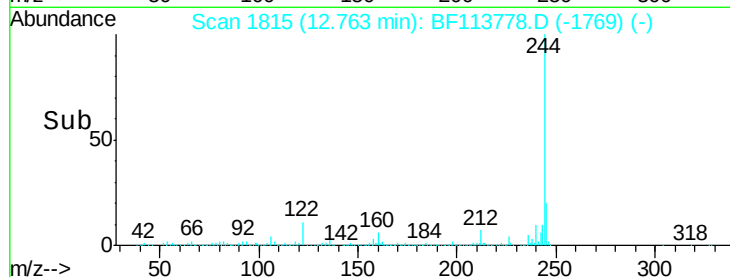
122 11.4 8.6 13.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113778.D

Acq: 15 Apr 2019 22:29

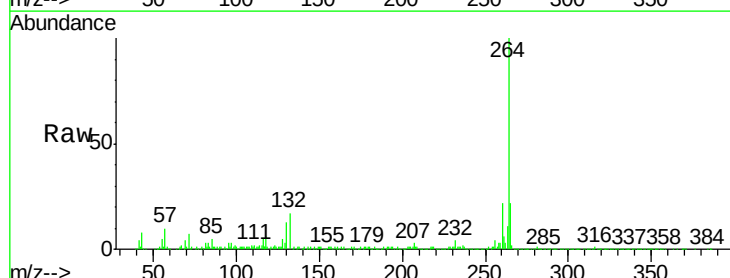
Tgt Ion:264 Resp: 319211

Ion Ratio Lower Upper

264 100

260 22.4 19.1 28.7

265 21.9 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

