

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113592.D
 Acq On : 4 Apr 2019 19:38
 Operator : JU/SJ
 Sample : K2221-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:32:18 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

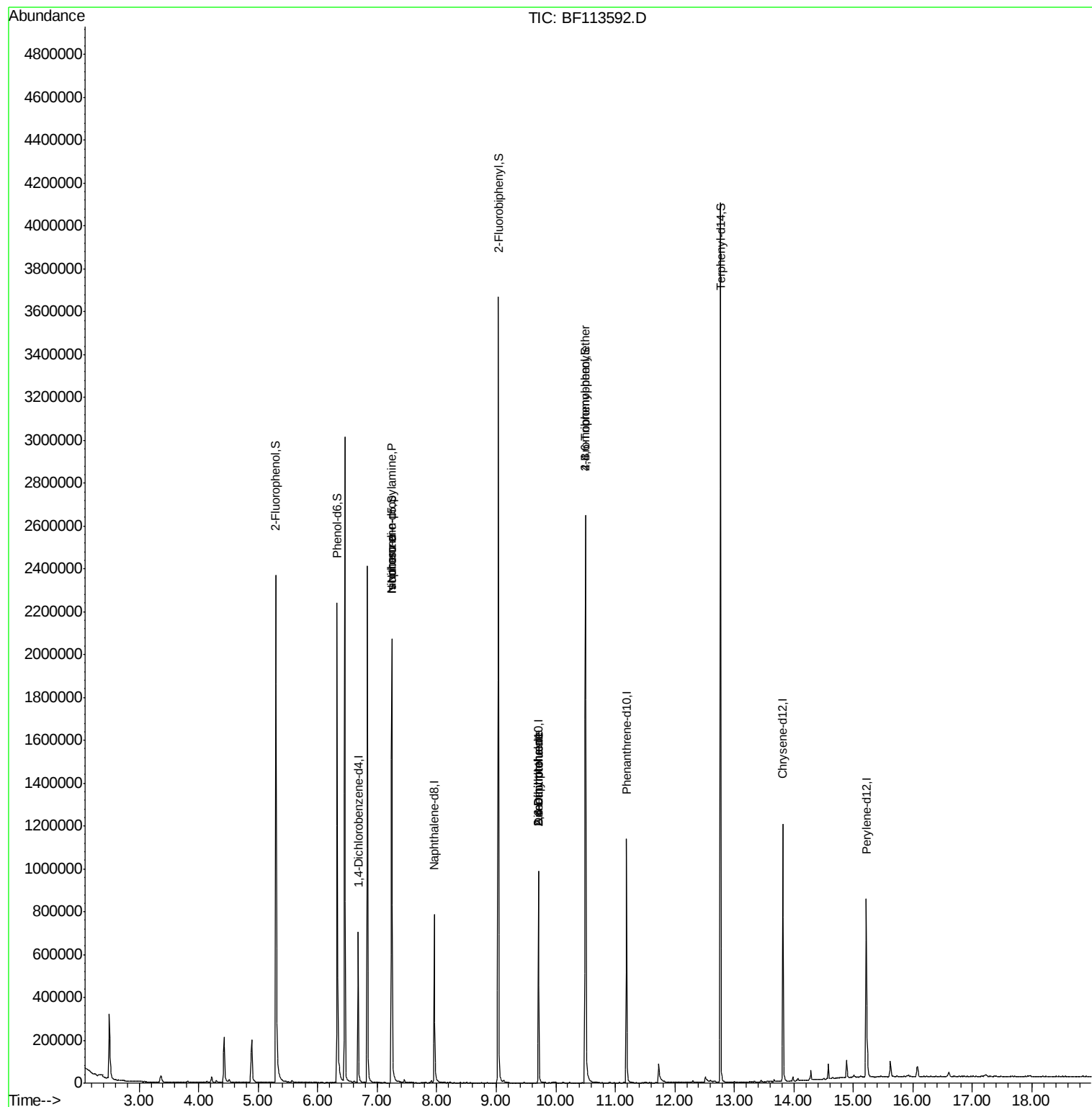
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	110144	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	414072	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	207185	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	446778	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	437097	20.00	ng	-0.03
87) Perylene-d12	15.22	264	396467	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	782040	121.07	ng	0.00
7) Phenol-d6	6.33	99	904416	113.61	ng	-0.01
23) Nitrobenzene-d5	7.25	82	692924	98.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	400442	160.90	ng	-0.02
45) 2-Fluorobiphenyl	9.04	172	1318562	102.46	ng	-0.01
79) Terphenyl-d14	12.77	244	1741243	81.11	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	89449	18.221	ng	# 75
25) Isophorone	7.25	82	688748	50.578	ng	# 64
50) Dimethylphthalate	9.71	163	51342	3.362	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	25722	7.641	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	25722	6.318	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	22498	4.490	ng	# 1

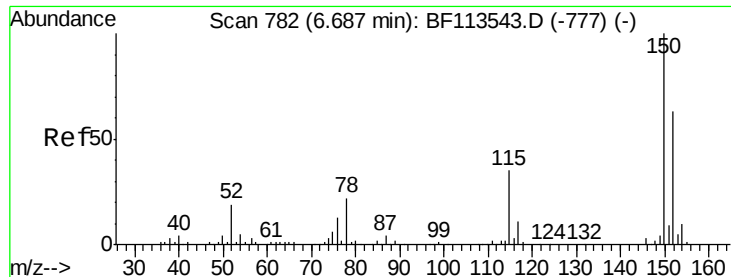
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
Data File : BF113592.D
Acq On : 4 Apr 2019 19:38
Operator : JU/SJ
Sample : K2221-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 05 01:32:18 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



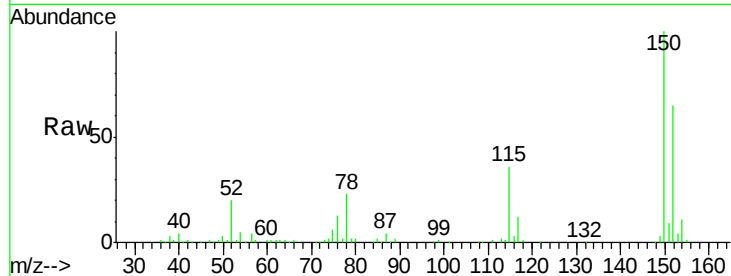


#1

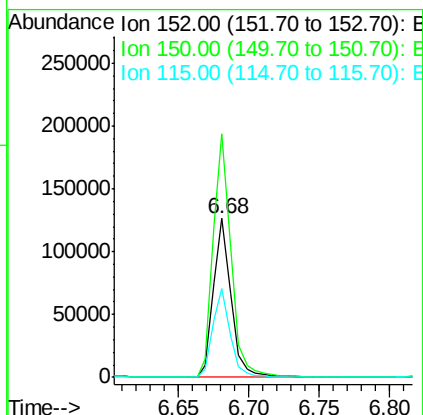
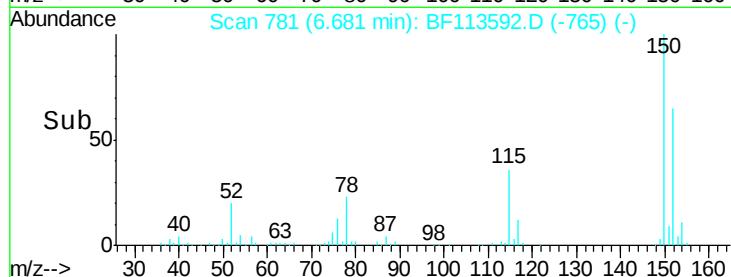
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113592.D
Acq: 4 Apr 2019 19:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110144
Ion Ratio Lower Upper
152 100
150 153.5 124.7 187.1
115 55.7 46.0 69.0



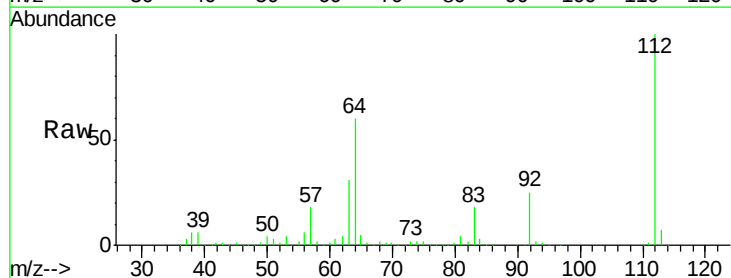
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



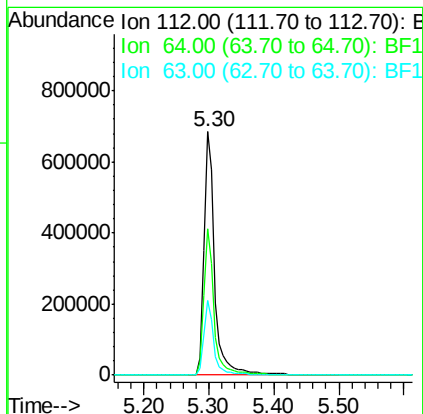
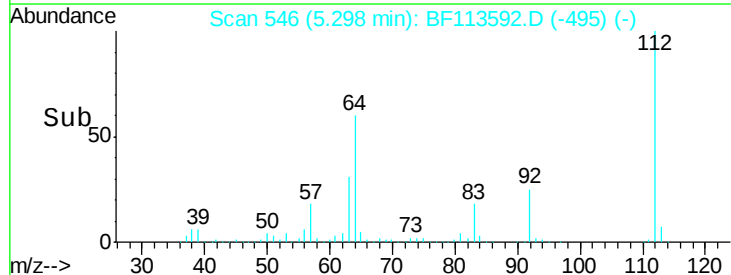
#5

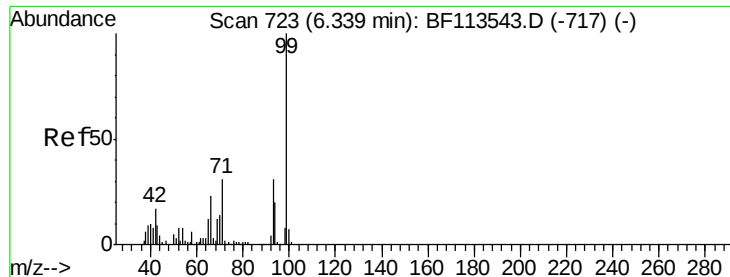
2-Fluorophenol
Concen: 121.074 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113592.D
Acq: 4 Apr 2019 19:38

Tgt Ion:112 Resp: 782040
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 30.7 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: 113.606 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113592.D

Acq: 4 Apr 2019 19:38

Instrument :

BNA_F

ClientSampleId :

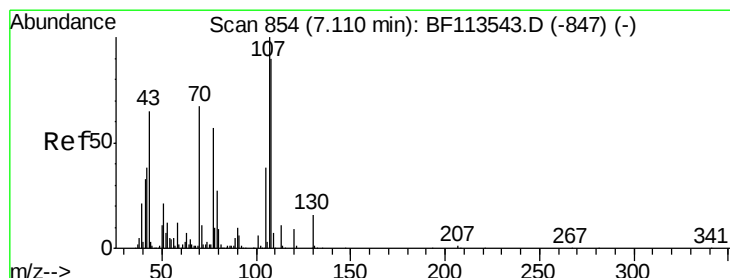
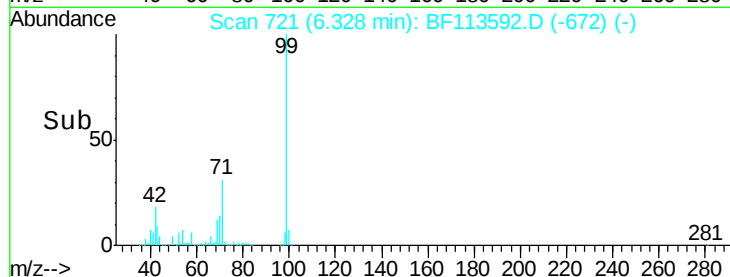
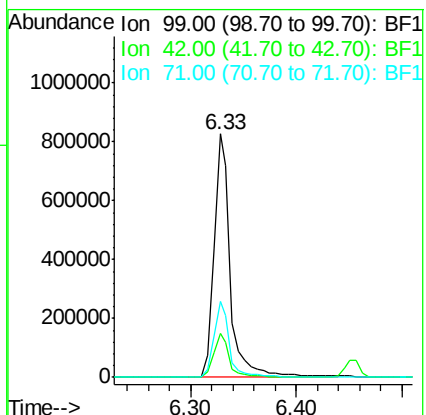
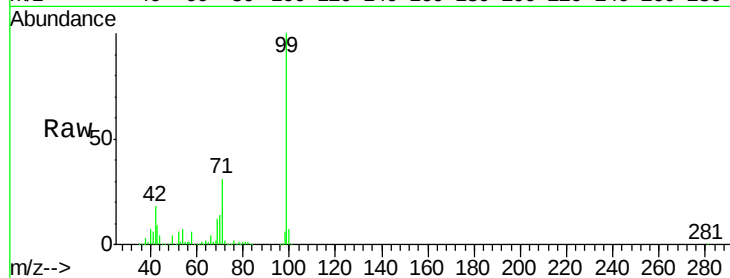
Tot Ion: 99 Resp: 904416

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

71 31.4 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.221 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113592.D

Acq: 4 Apr 2019 19:38

Tgt Ion: 70 Resp: 89449

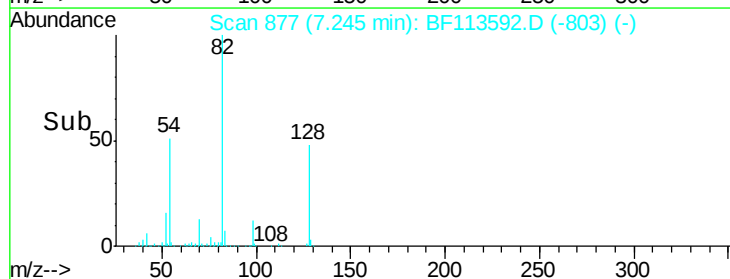
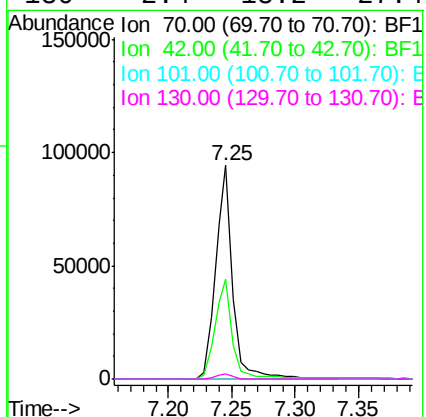
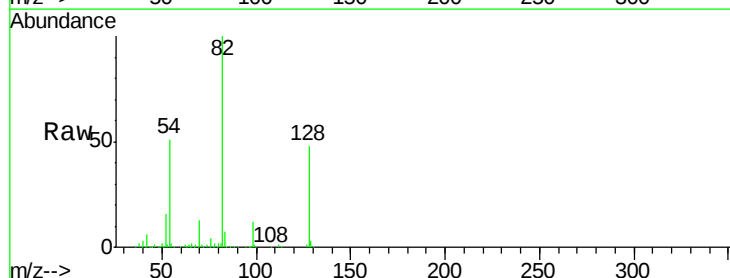
Ion Ratio Lower Upper

70 100

42 46.7 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

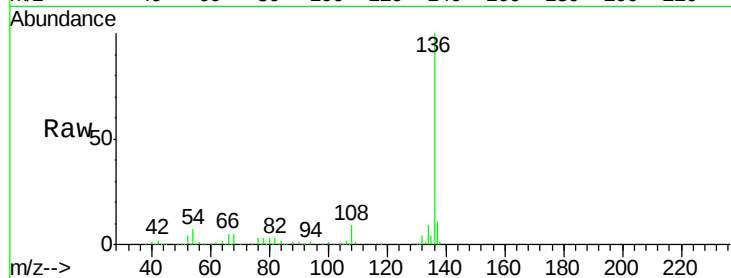




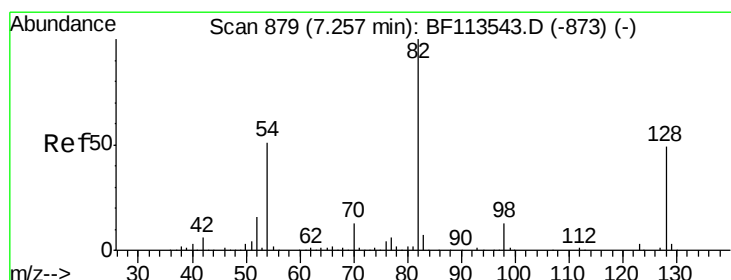
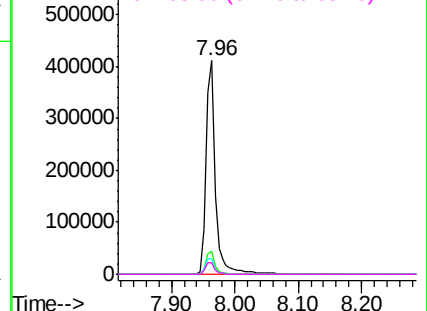
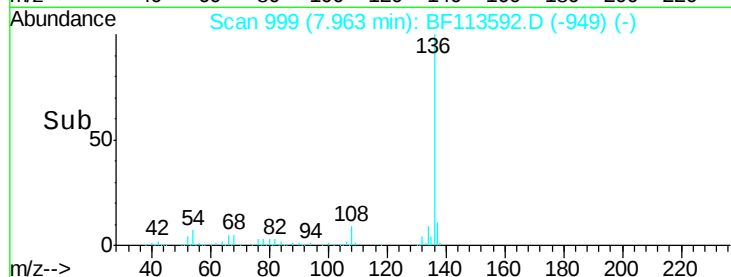
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113592.D
Acq: 4 Apr 2019 19:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	414072
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.9 13.3
54	7.3	7.0 10.6
68	5.4	4.8 7.2

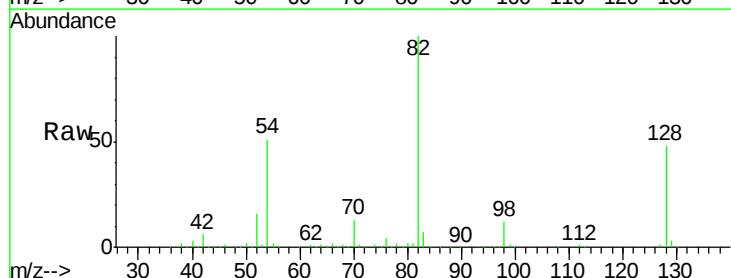


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

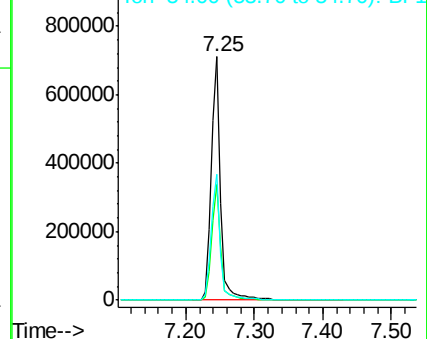
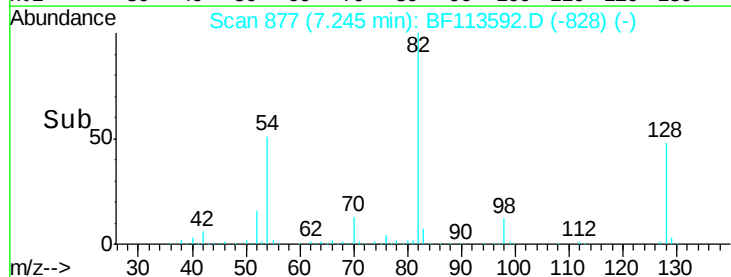


#23
Nitrobenzene-d5
Concen: 98.022 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113592.D
Acq: 4 Apr 2019 19:38

Tgt Ion: 82	Resp:	692924
Ion	Ratio	Lower Upper
82	100	
128	47.7	36.5 54.7
54	51.4	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: 50.578 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113592.D

Acq: 4 Apr 2019 19:38

Instrument :

BNA_F

ClientSampled :

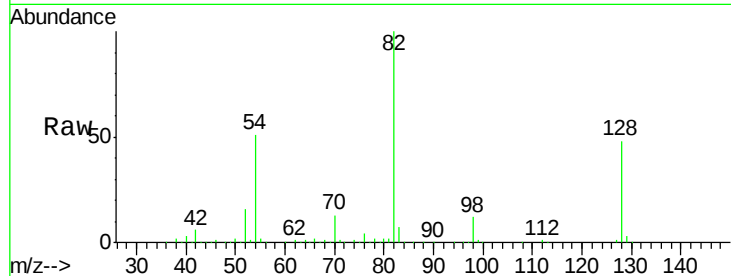
Tot Ion: 82 Resp: 688748

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

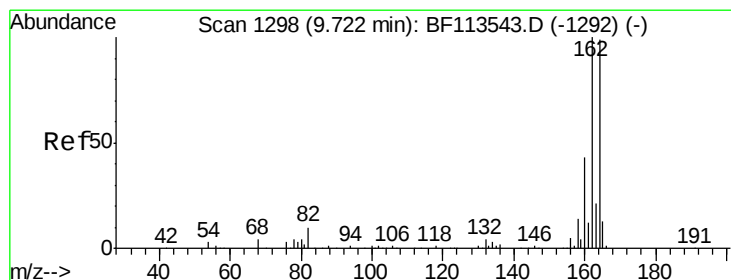
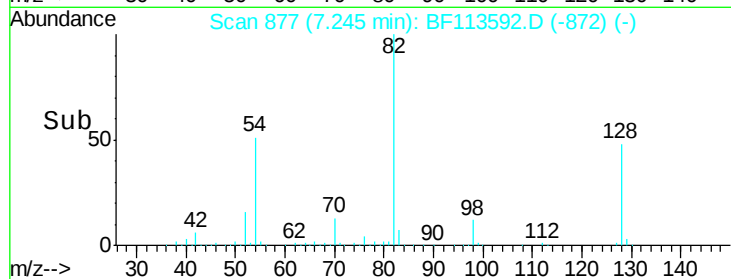
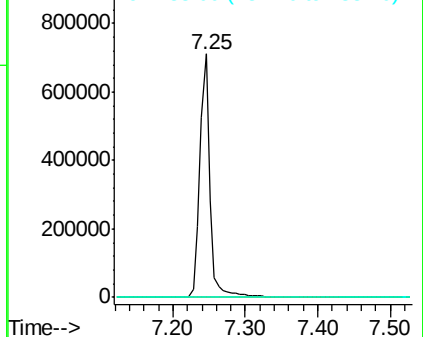
138 0.0 15.2 22.8#



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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113592.D

Acq: 4 Apr 2019 19:38

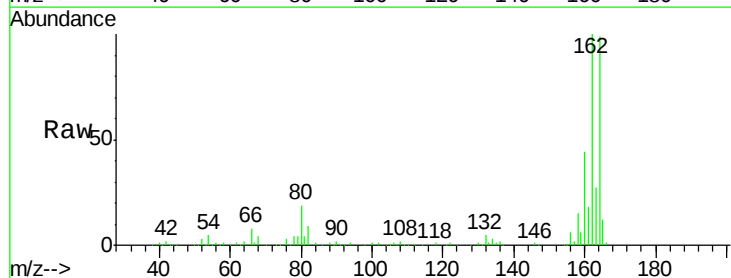
Tgt Ion: 164 Resp: 207185

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

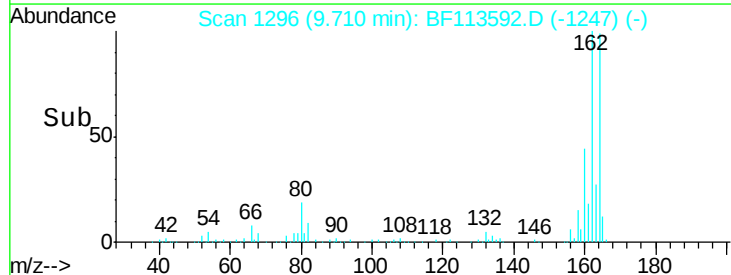
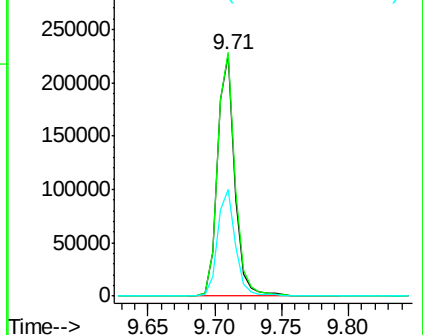
160 44.2 36.4 54.6



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

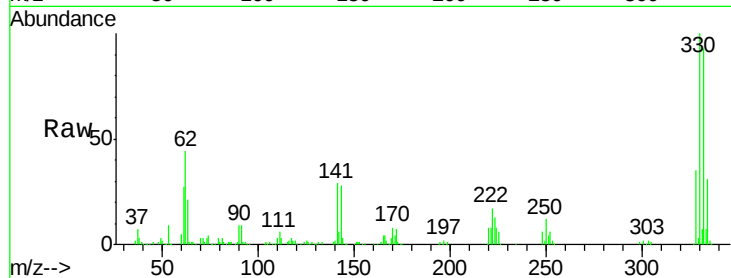




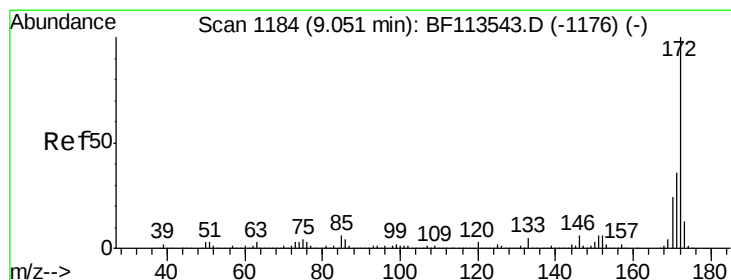
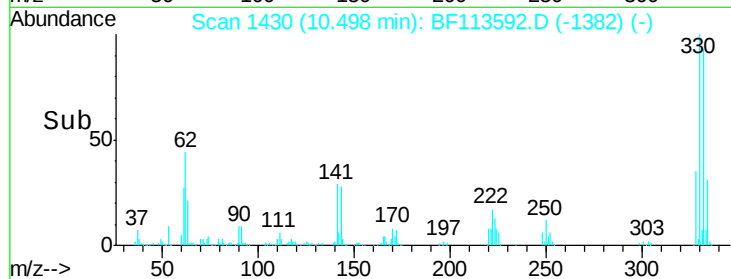
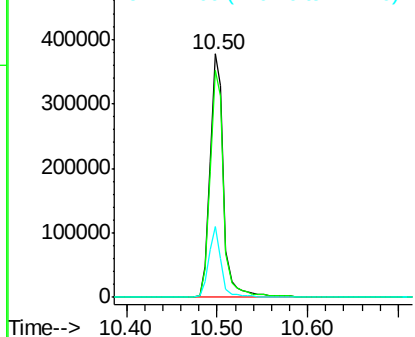
#42
 2,4,6-Tribromophenol
 Concen: 160.898 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113592.D
 Acq: 4 Apr 2019 19:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 400442
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.8 116.6
 141 27.0 22.7 34.1

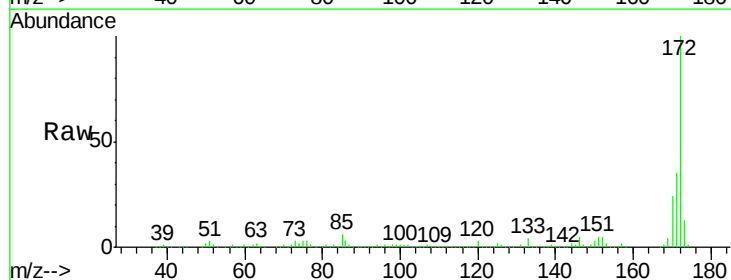


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

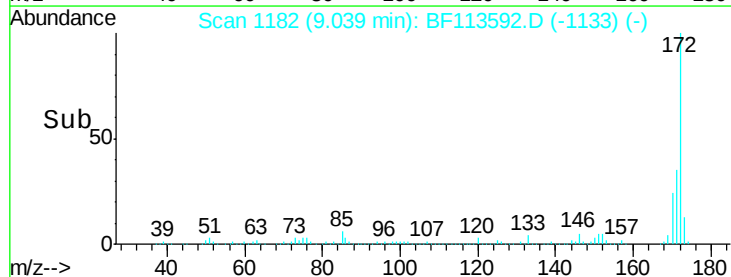
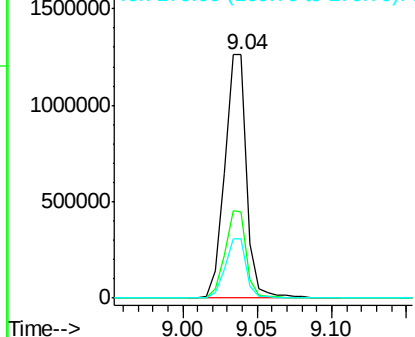


#45
 2-Fluorobiphenyl
 Concen: 102.456 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113592.D
 Acq: 4 Apr 2019 19:38

Tgt Ion:172 Resp: 1318562
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 24.3 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

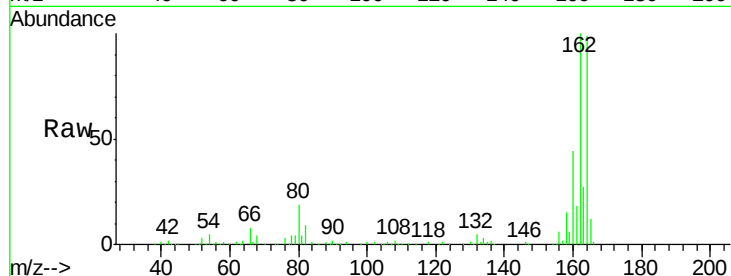




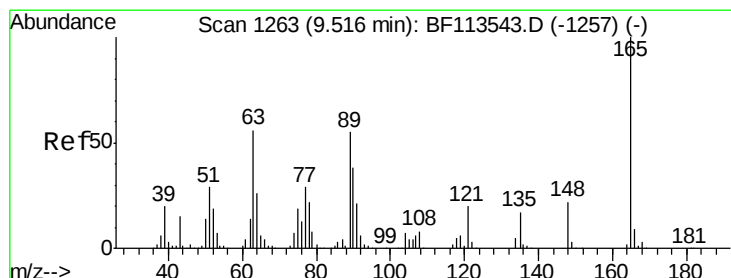
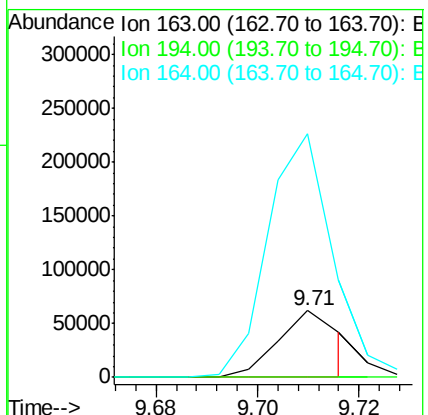
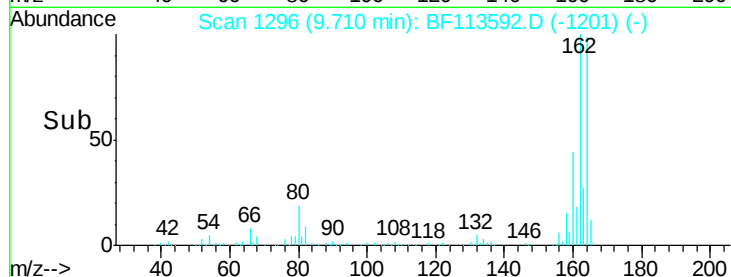
#50
Dimethylphthalate
Concen: 3.362 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.26 min
Lab File: BF113592.D
Acq: 4 Apr 2019 19:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 51342
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 364.3 8.1 12.1#

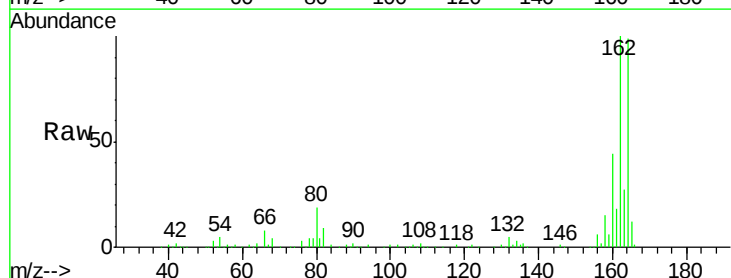


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

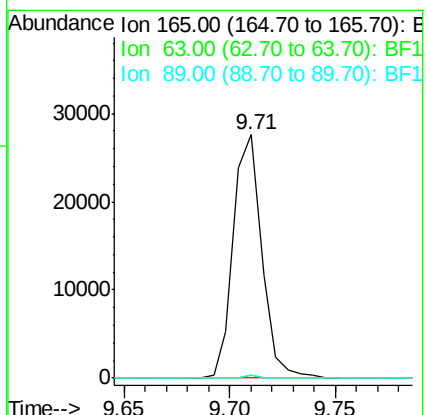
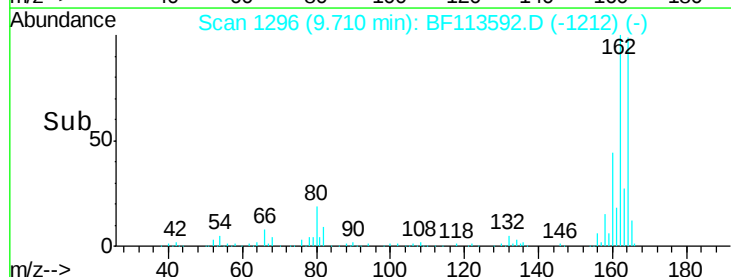


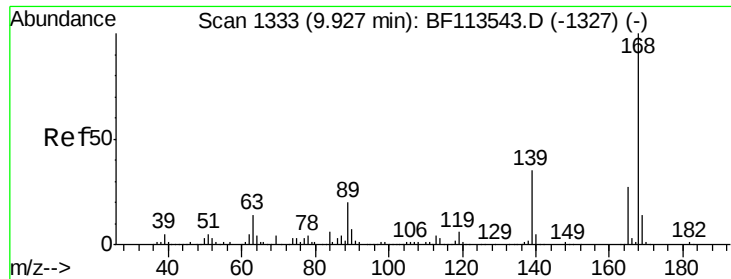
#51
2,6-Dinitrotoluene
Concen: 7.641 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.19 min
Lab File: BF113592.D
Acq: 4 Apr 2019 19:38

Tgt Ion:165 Resp: 25722
Ion Ratio Lower Upper
165 100
63 1.4 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

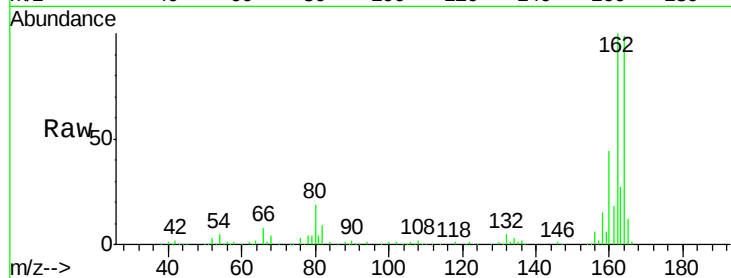




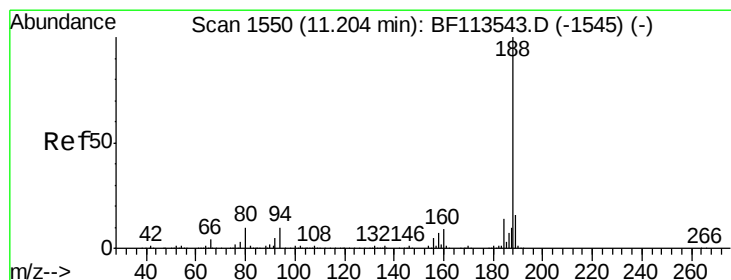
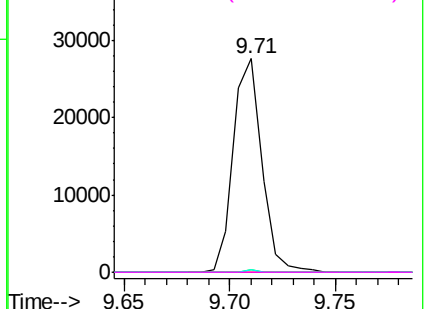
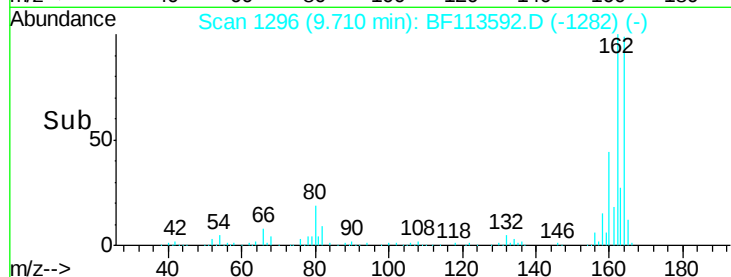
#57
 2,4-Dinitrotoluene
 Concen: 6.318 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113592.D
 Acq: 4 Apr 2019 19:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25722
 Ion Ratio Lower Upper
 165 100
 63 1.4 37.5 56.3#
 89 1.3 57.4 86.2#
 182 0.0 2.0 3.0#

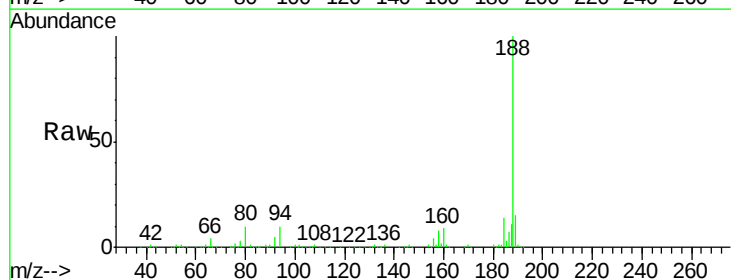


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

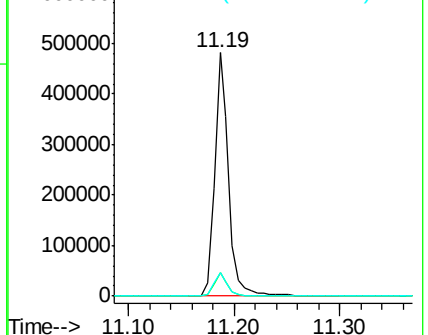
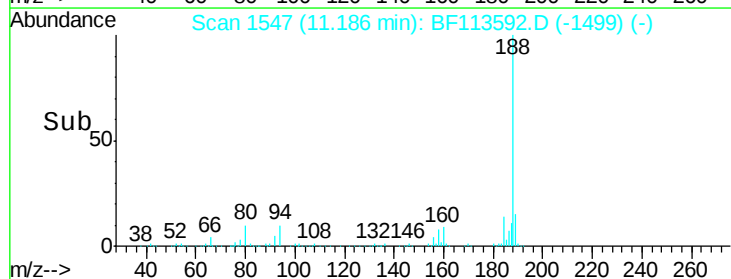


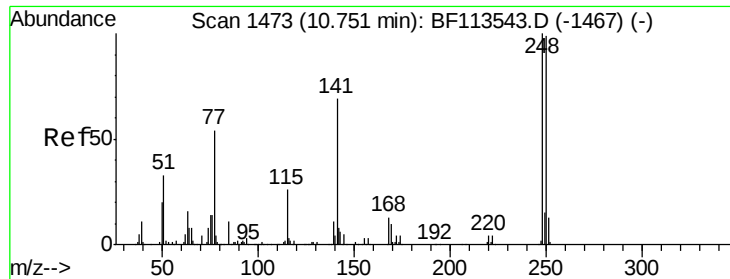
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113592.D
 Acq: 4 Apr 2019 19:38

Tgt Ion:188 Resp: 446778
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.0 10.6
 80 9.9 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

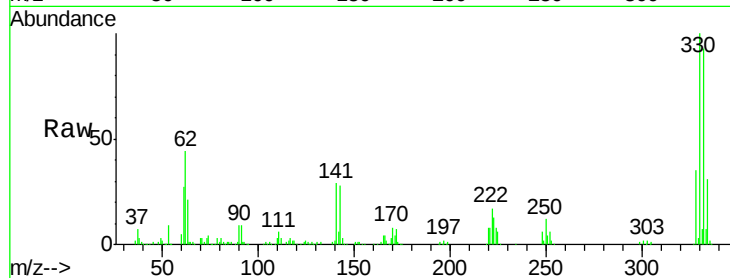




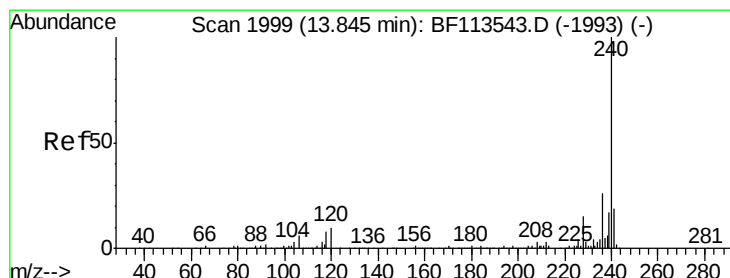
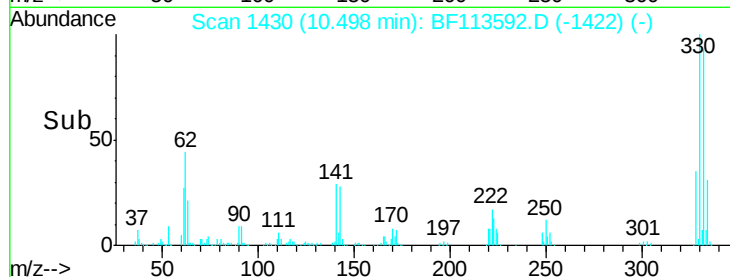
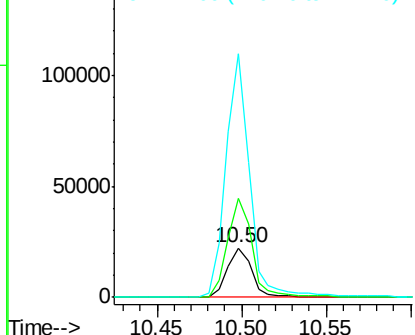
#67
4-Bromophenyl-phenylether
Concen: 4.490 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113592.D
Acq: 4 Apr 2019 19:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 22498
Ion Ratio Lower Upper
248 100
250 198.8 78.3 117.5#
141 490.0 56.2 84.4#

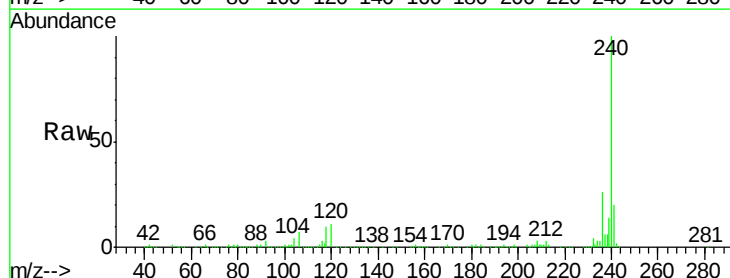


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

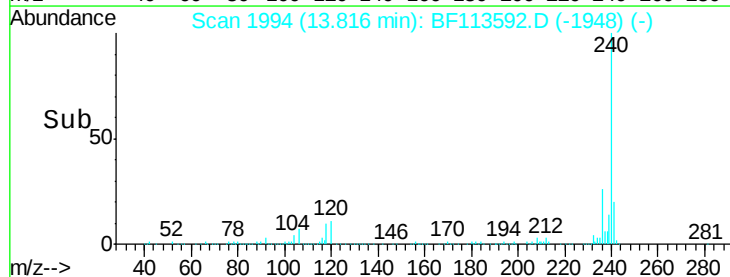
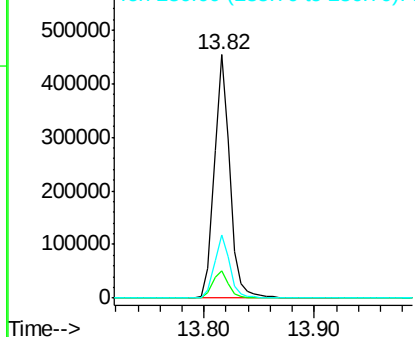


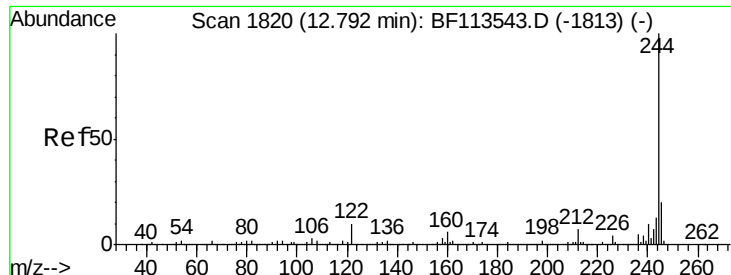
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF113592.D
Acq: 4 Apr 2019 19:38

Tgt Ion:240 Resp: 437097
Ion Ratio Lower Upper
240 100
120 11.4 8.8 13.2
236 26.0 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: 81.108 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113592.D

Acq: 4 Apr 2019 19:38

Instrument :

BNA_F

ClientSampleId :

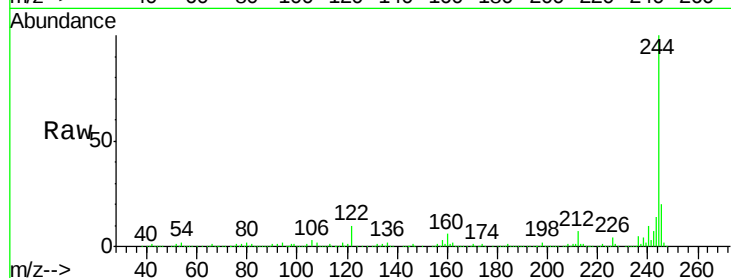
Tot Ion:244 Resp: 1741243

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 9.8 8.6 13.0



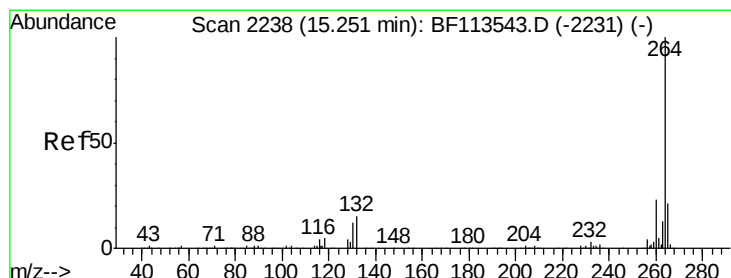
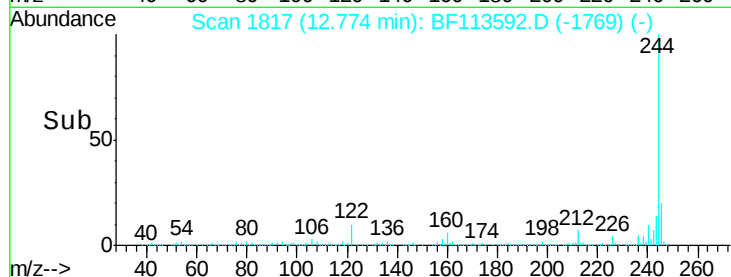
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.77

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.04 min

Lab File: BF113592.D

Acq: 4 Apr 2019 19:38

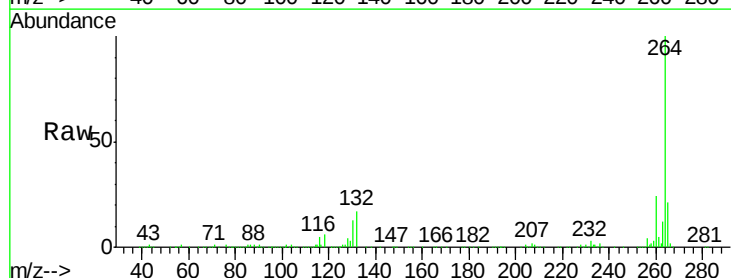
Tgt Ion:264 Resp: 396467

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.4 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

15.22

Time-->

