

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113597.D
 Acq On : 4 Apr 2019 22:03
 Operator : JU/SJ
 Sample : K2257-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:32:53 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

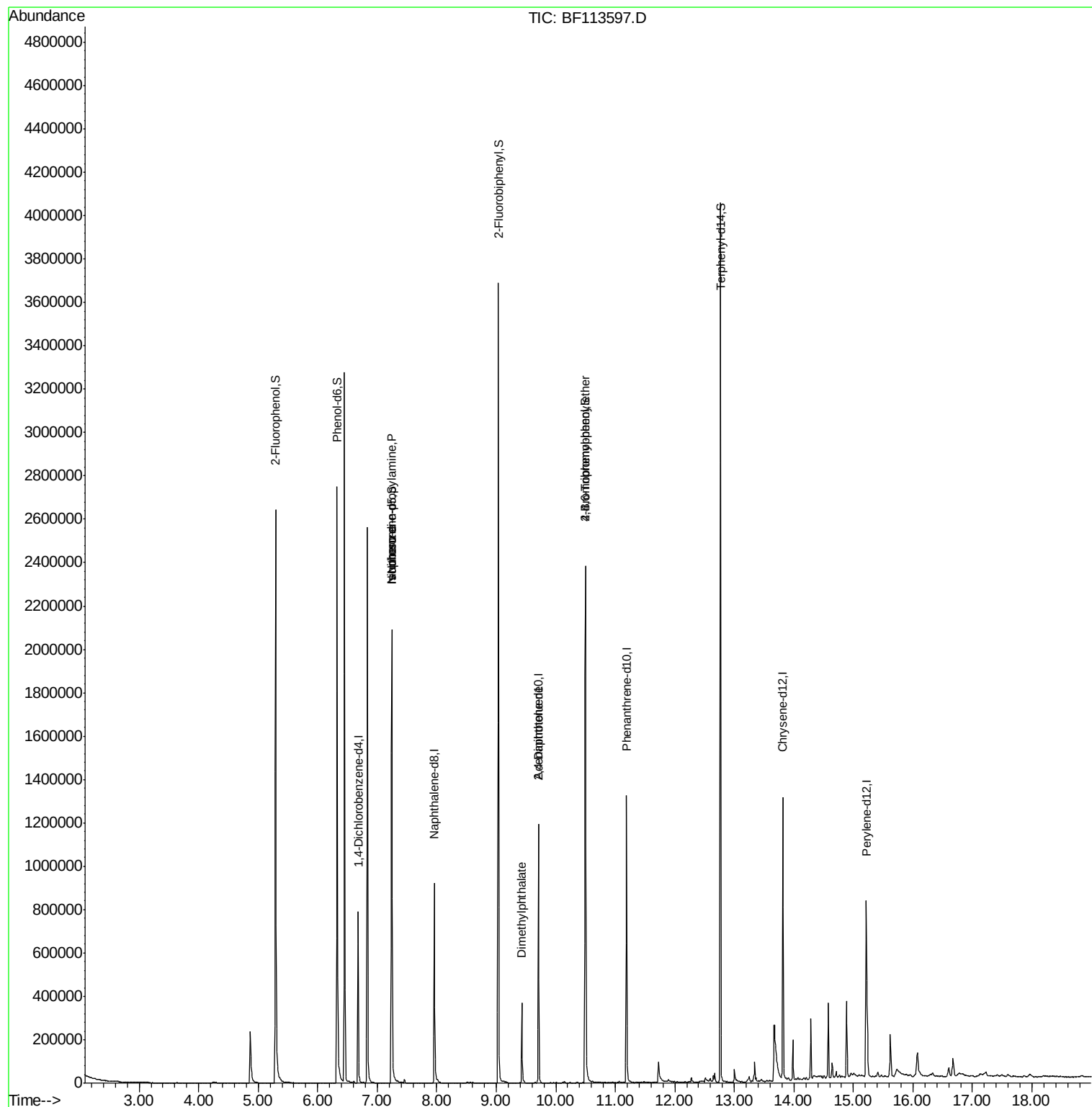
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	129922	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	487065	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	241696	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	514787	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	461488	20.00	ng	-0.03
87) Perylene-d12	15.22	264	372321	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	903996	118.65	ng	0.00
7) Phenol-d6	6.33	99	1175769	125.21	ng	-0.01
23) Nitrobenzene-d5	7.25	82	709038	85.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	353286	121.68	ng	-0.02
45) 2-Fluorobiphenyl	9.04	172	1298210	86.47	ng	-0.01
79) Terphenyl-d14	12.77	244	1555109	68.61	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	90112	15.562	ng	# 74
25) Isophorone	7.25	82	709033	44.264	ng	# 64
50) Dimethylphthalate	9.43	163	172155	9.663	ng	100
57) 2,4-Dinitrotoluene	9.71	165	30154	6.349	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	19761	3.423	ng	# 1

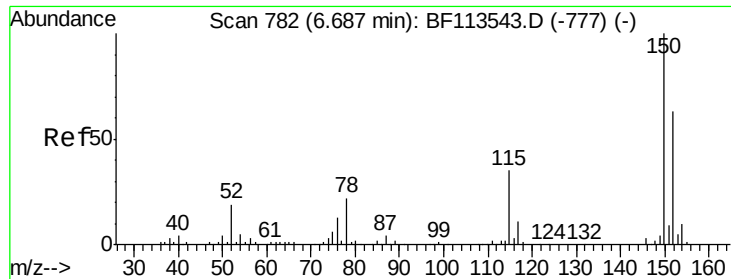
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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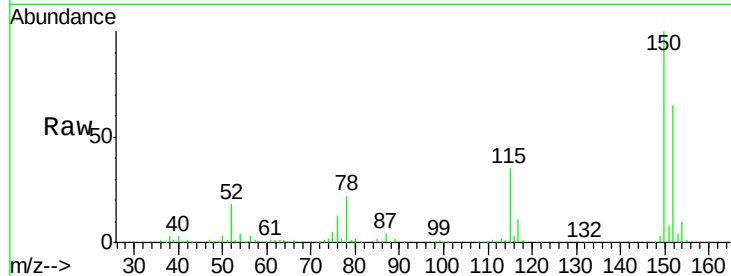


#1

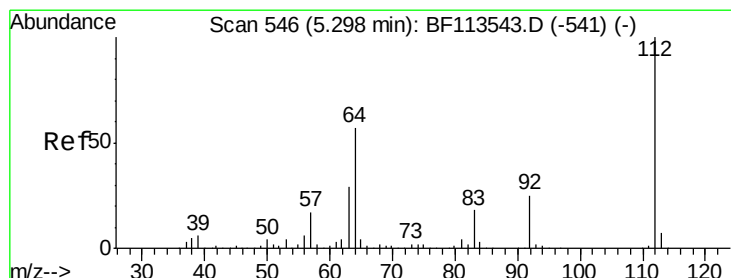
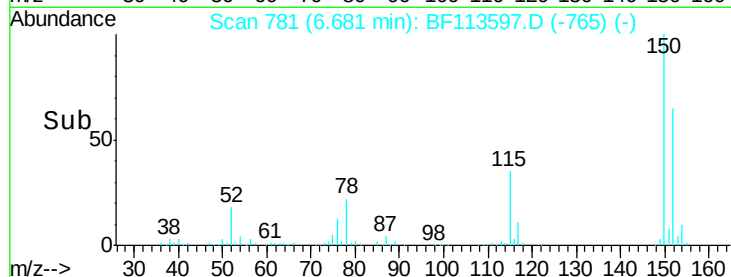
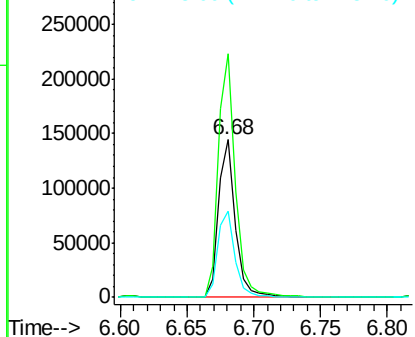
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113597.D
Acq: 4 Apr 2019 22:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129922
Ion Ratio Lower Upper
152 100
150 154.7 124.7 187.1
115 54.7 46.0 69.0



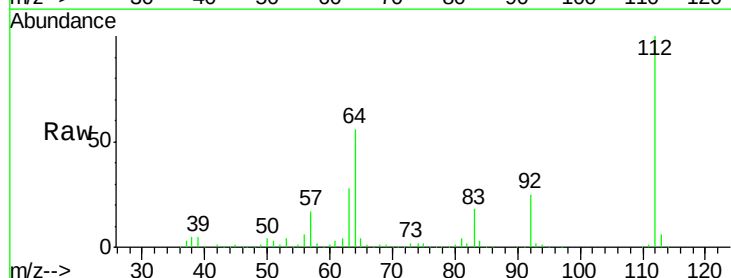
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



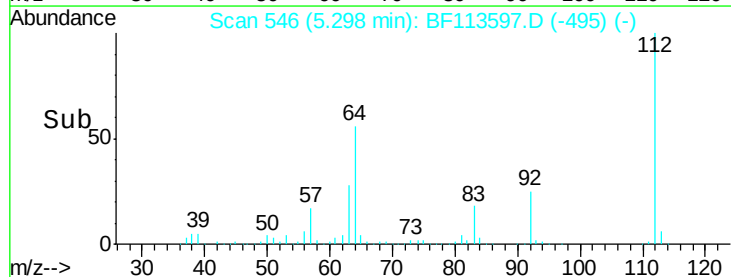
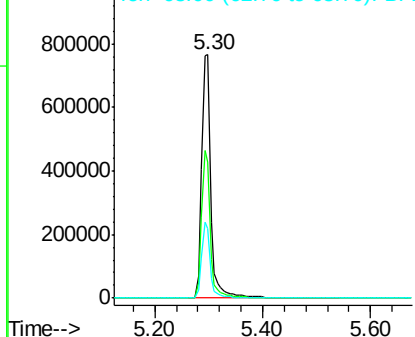
#5

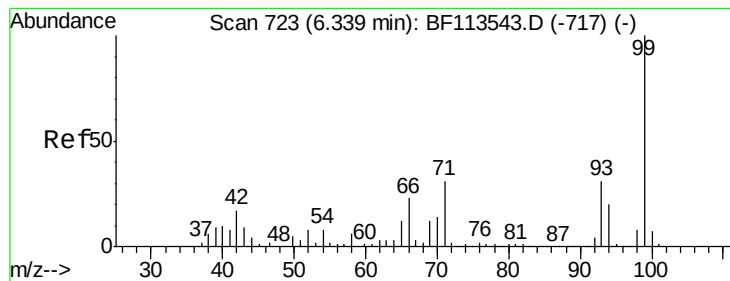
2-Fluorophenol
Concen: 118.650 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113597.D
Acq: 4 Apr 2019 22:03

Tgt Ion:112 Resp: 903996
Ion Ratio Lower Upper
112 100
64 56.1 49.2 73.8
63 28.3 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: 125.208 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113597.D

Acq: 4 Apr 2019 22:03

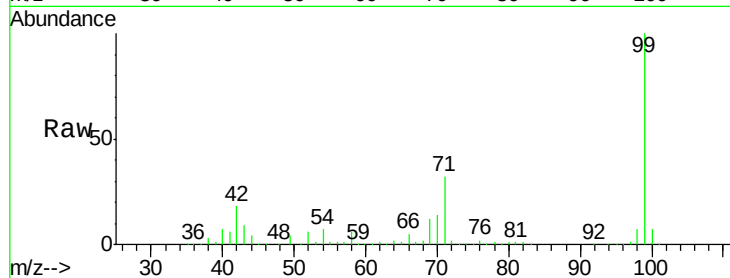
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1175769

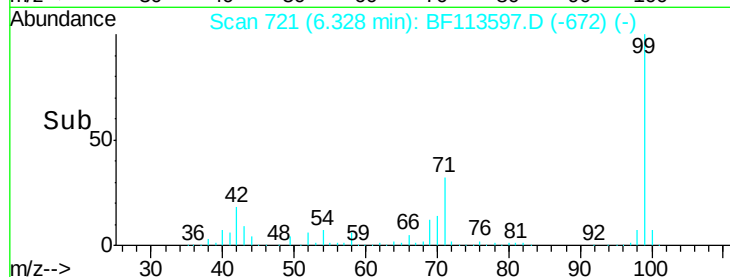
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.8	22.2
71	31.6	24.9	37.3



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



1000000

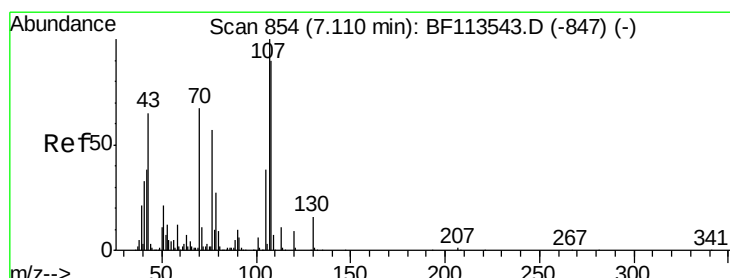
500000

0

6.33

6.40

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 15.562 ng

RT: 7.25 min Scan# 877

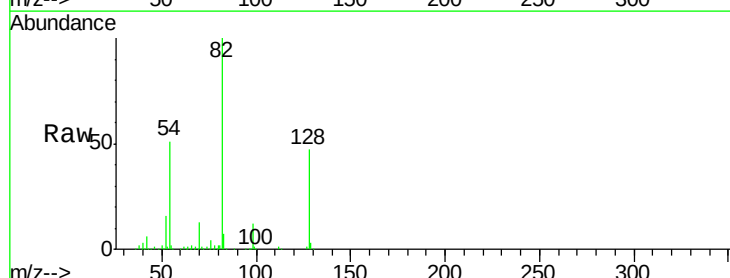
Delta R.T. 0.14 min

Lab File: BF113597.D

Acq: 4 Apr 2019 22:03

Tgt Ion: 70 Resp: 90112

Ion	Ratio	Lower	Upper
70	100		
42	45.9	48.4	72.6#
101	0.0	7.8	11.8#
130	2.4	18.2	27.4#

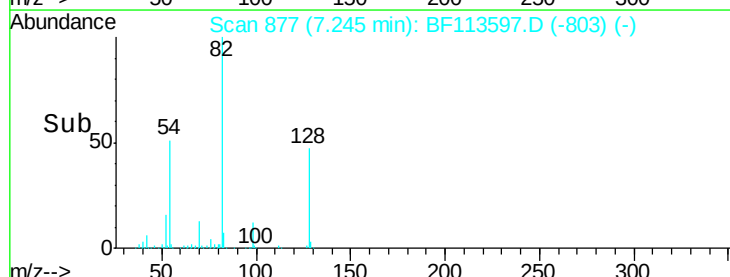


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



150000

100000

50000

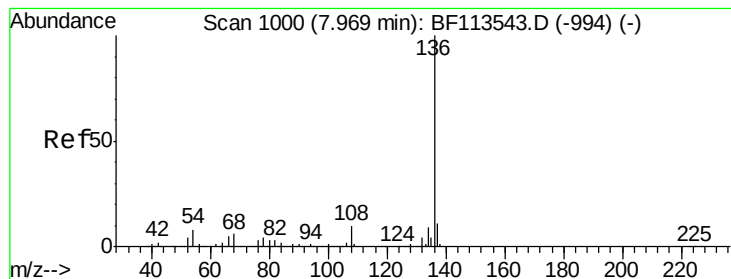
0

7.25

7.30

7.35

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113597.D

Acq: 4 Apr 2019 22:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 487065

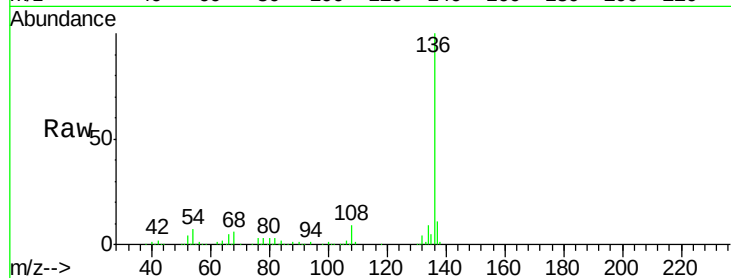
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.5 7.0 10.6

68 5.7 4.8 7.2

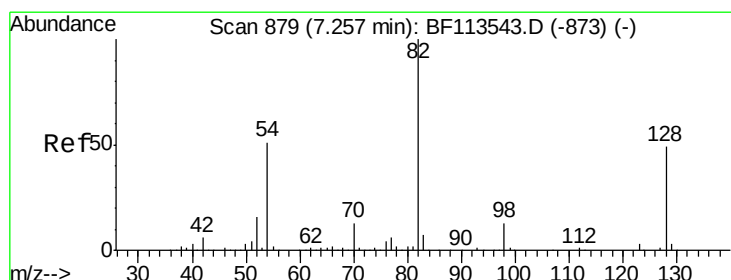
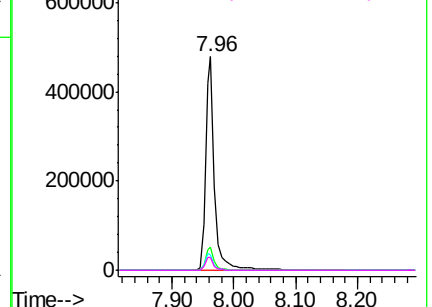
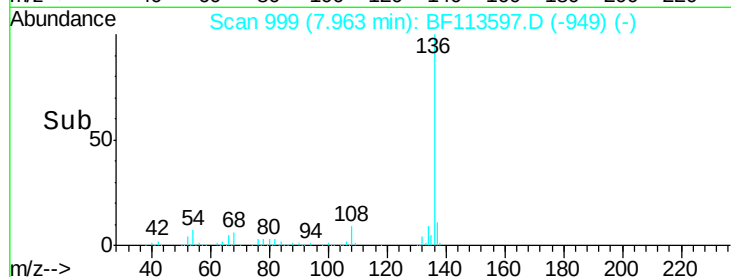


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.270 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113597.D

Acq: 4 Apr 2019 22:03

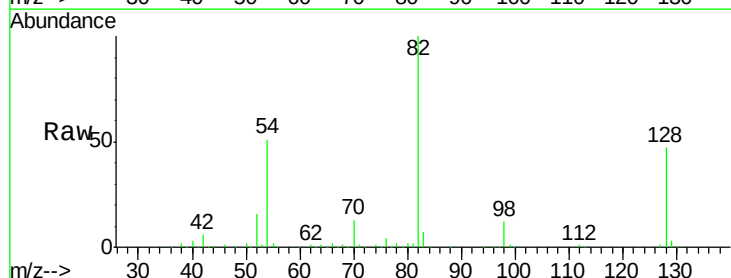
Tgt Ion: 82 Resp: 709038

Ion Ratio Lower Upper

82 100

128 47.0 36.5 54.7

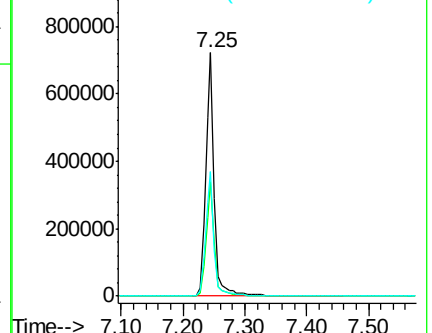
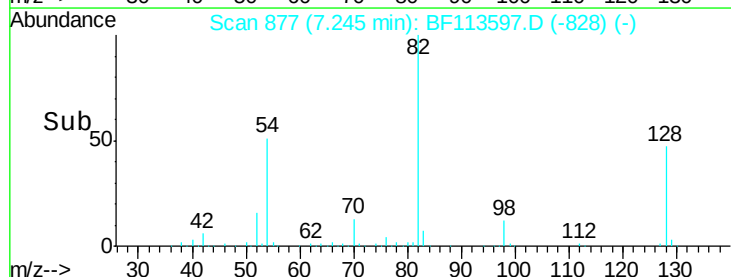
54 51.4 42.2 63.2

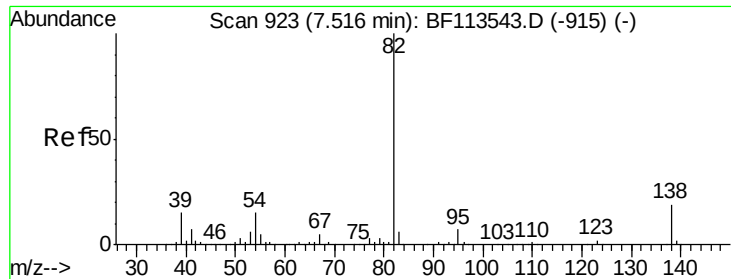


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.264 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113597.D

Acq: 4 Apr 2019 22:03

Instrument :

BNA_F

ClientSampleId :

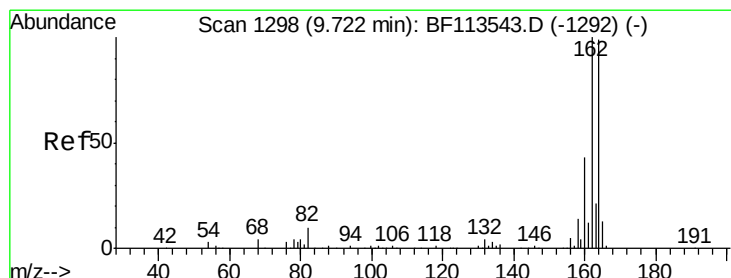
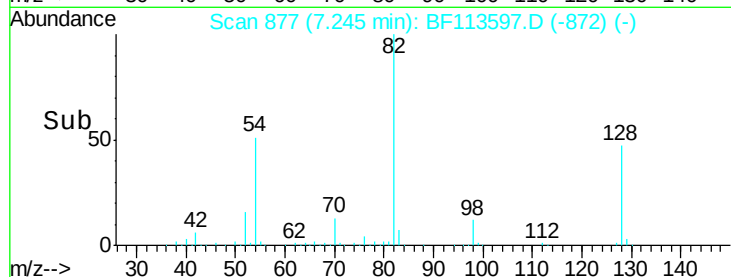
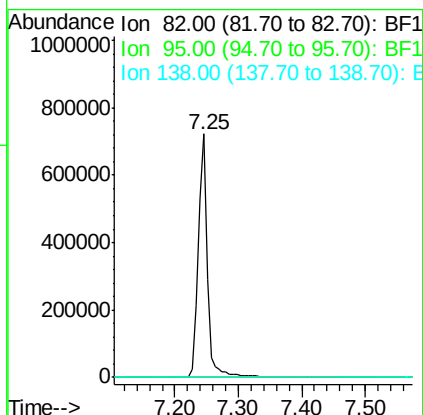
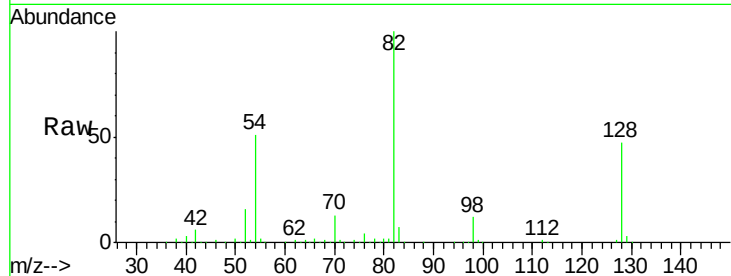
Tot Ion: 82 Resp: 709033

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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113597.D

Acq: 4 Apr 2019 22:03

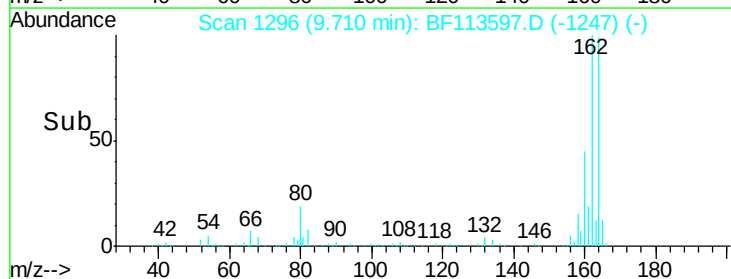
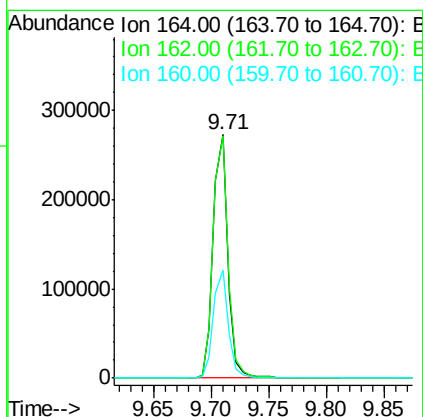
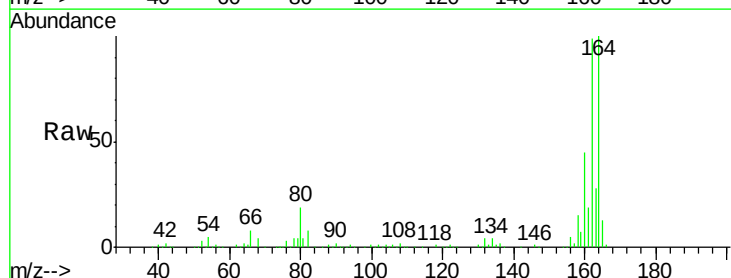
Tgt Ion:164 Resp: 241696

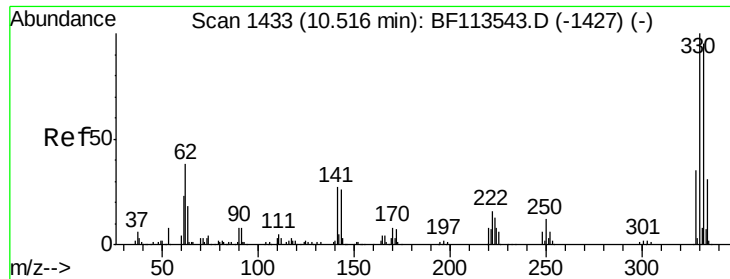
Ion Ratio Lower Upper

164 100

162 99.5 81.8 122.6

160 44.6 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 121.682 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113597.D

Acq: 4 Apr 2019 22:03

Instrument :

BNA_F

ClientSampleId :

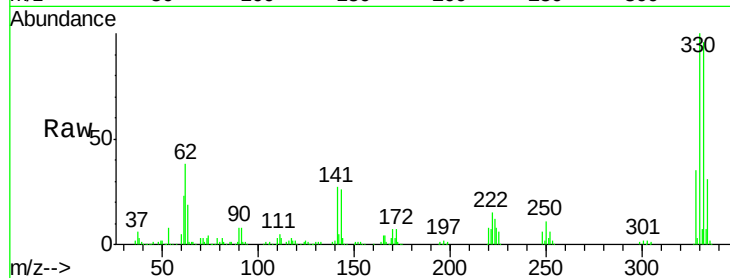
Tot Ion:330 Resp: 353286

Ion Ratio Lower Upper

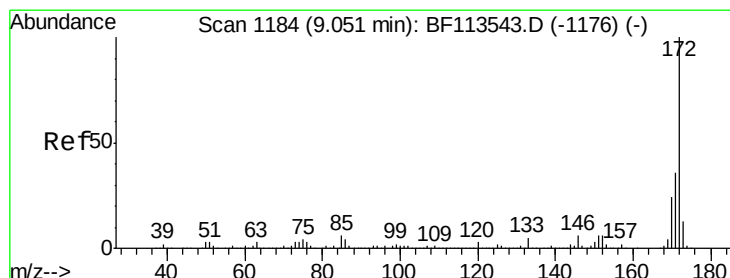
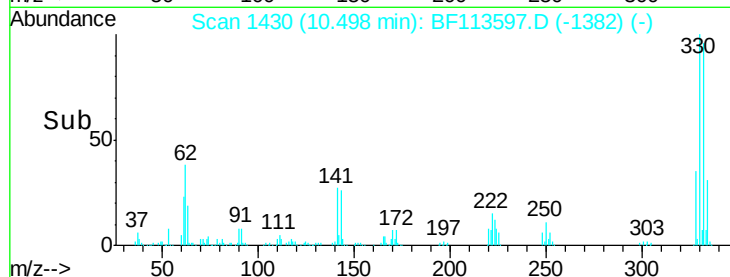
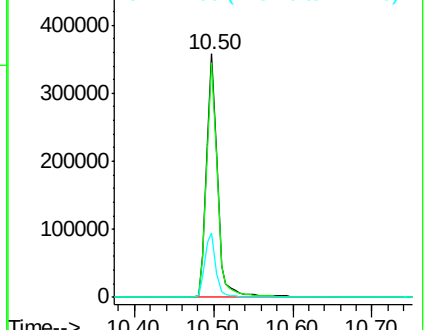
330 100

332 96.5 77.8 116.6

141 27.2 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: 86.471 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF113597.D

Acq: 4 Apr 2019 22:03

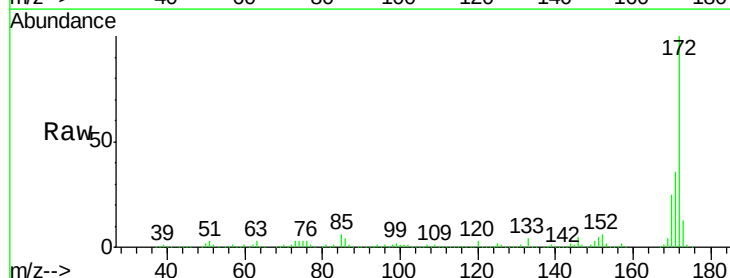
Tgt Ion:172 Resp: 1298210

Ion Ratio Lower Upper

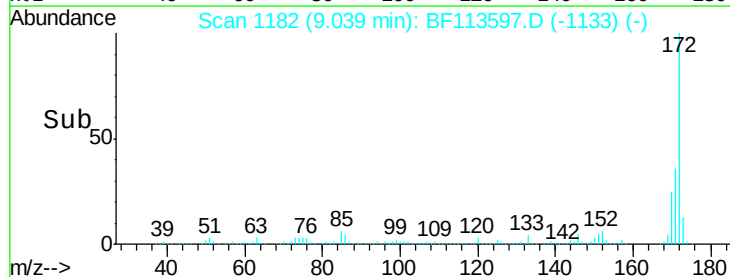
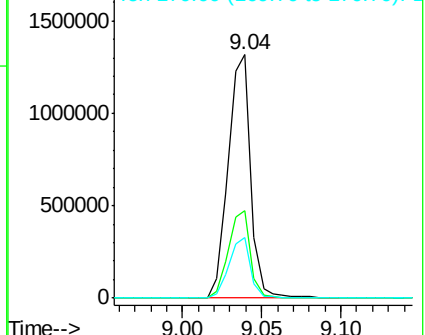
172 100

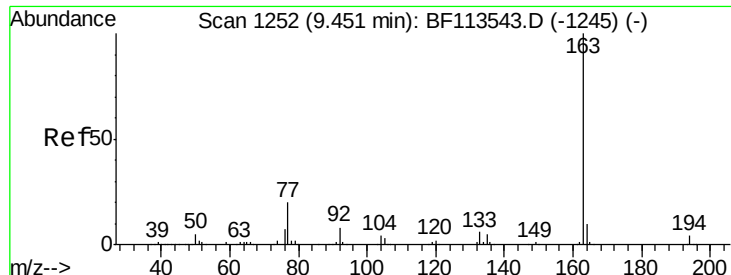
171 36.2 29.0 43.6

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: 9.663 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113597.D

Acq: 4 Apr 2019 22:03

Instrument :

BNA_F

ClientSampleId :

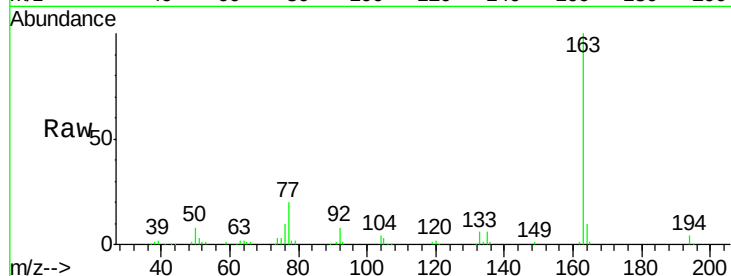
Tot Ion:163 Resp: 172155

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

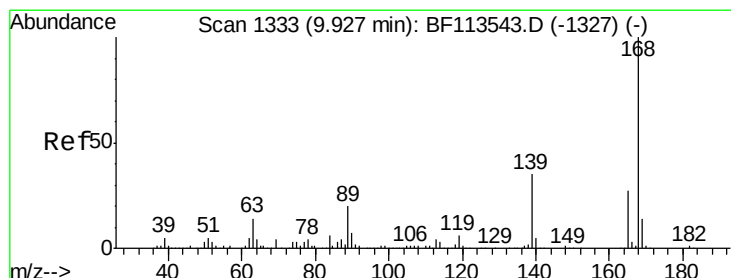
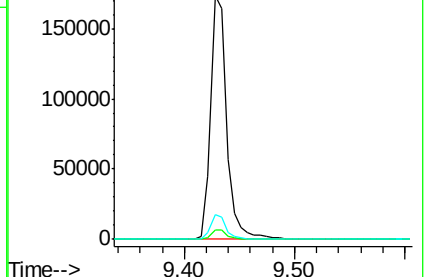
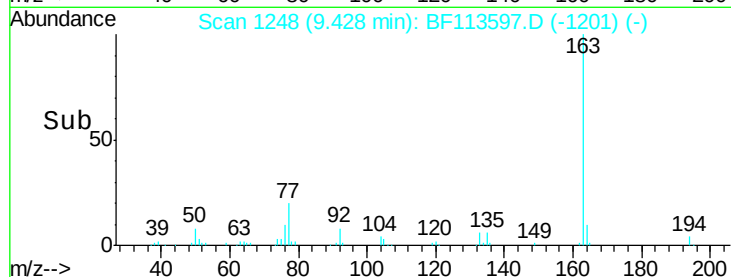
164 10.2 8.1 12.1



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: 6.349 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113597.D

Acq: 4 Apr 2019 22:03

Tgt Ion:165 Resp: 30154

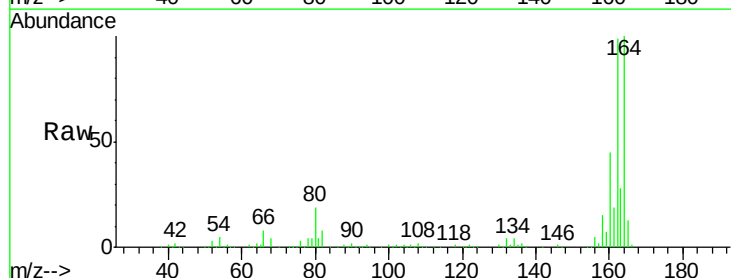
Ion Ratio Lower Upper

165 100

63 1.0 37.5 56.3#

89 1.0 57.4 86.2#

182 0.0 2.0 3.0#

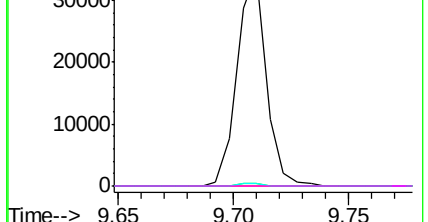
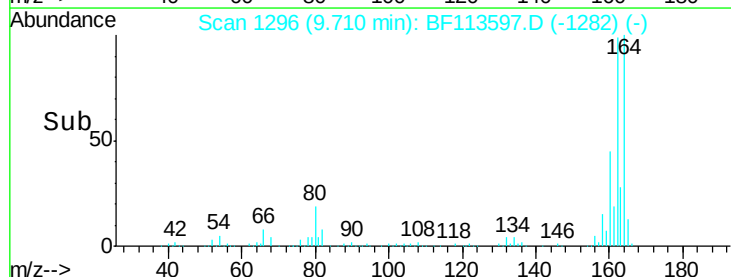


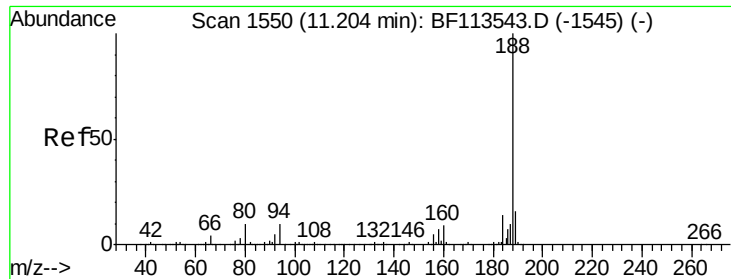
Abundance Ion 165.00 (164.70 to 165.70): E

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

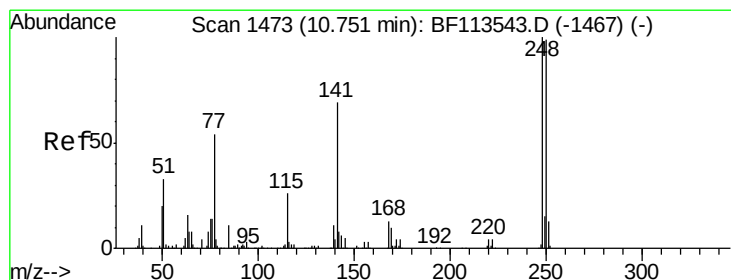
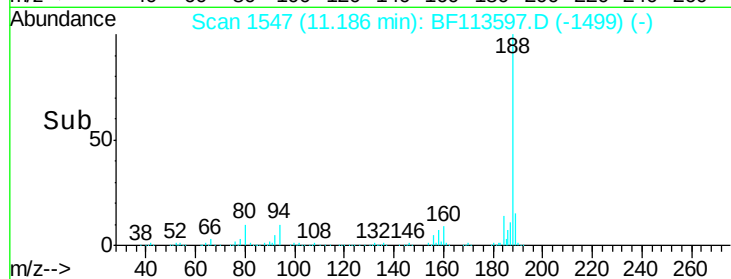
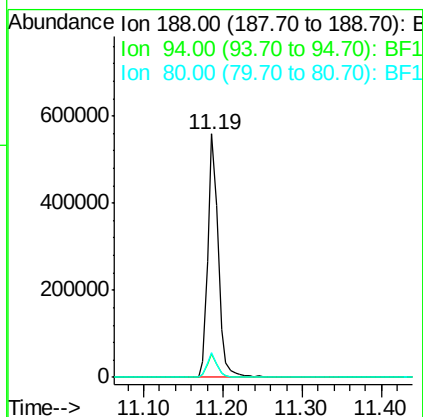
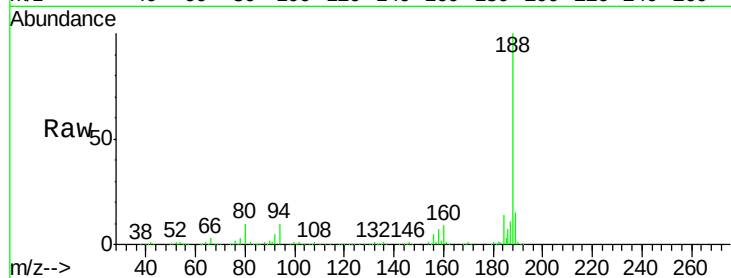




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113597.D
 Acq: 4 Apr 2019 22:03

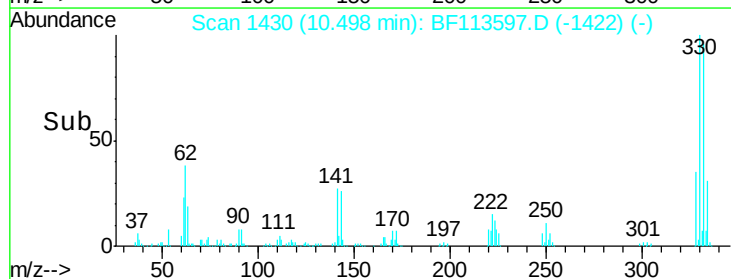
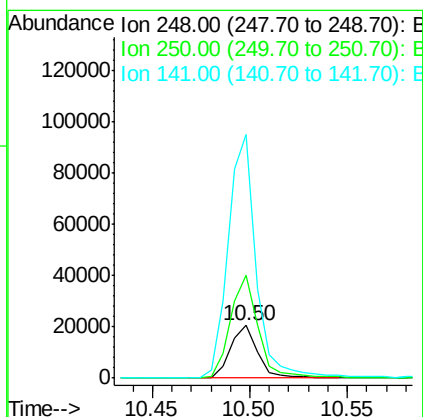
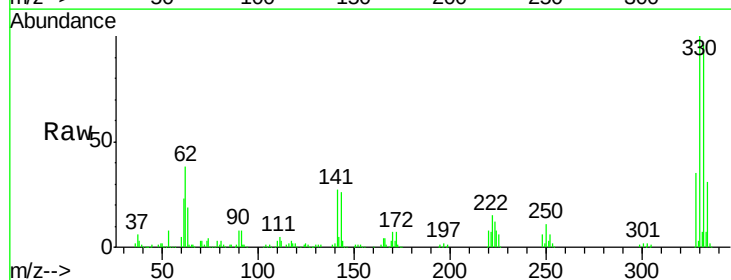
Instrument :
 BNA_F
 ClientSampleId :

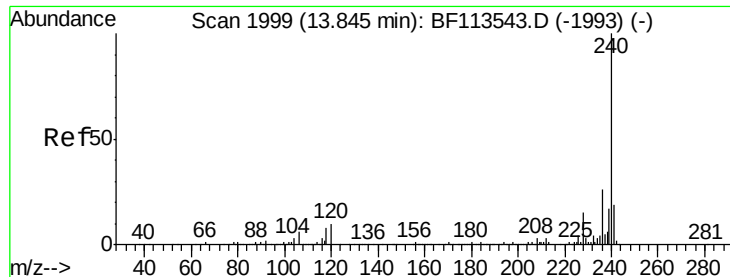
Tot Ion:188 Resp: 514787
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.0 10.6
 80 10.1 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.423 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113597.D
 Acq: 4 Apr 2019 22:03

Tgt Ion:248 Resp: 19761
 Ion Ratio Lower Upper
 248 100
 250 194.4 78.3 117.5#
 141 460.9 56.2 84.4#

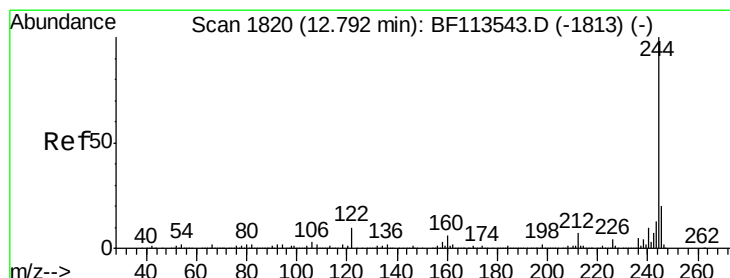
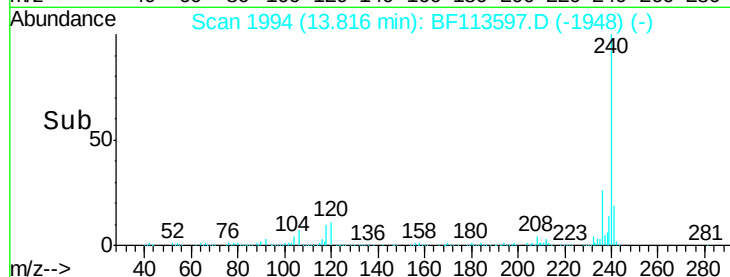
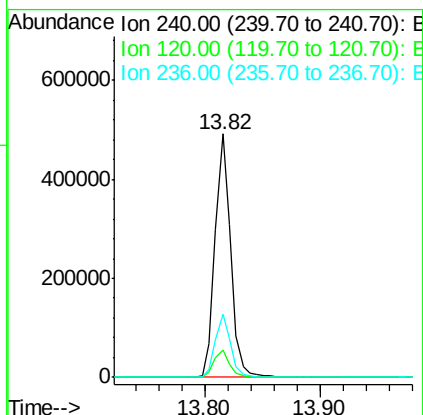
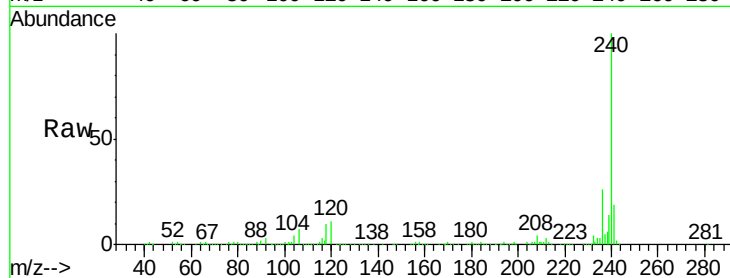




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.03 min
 Lab File: BF113597.D
 Acq: 4 Apr 2019 22:03

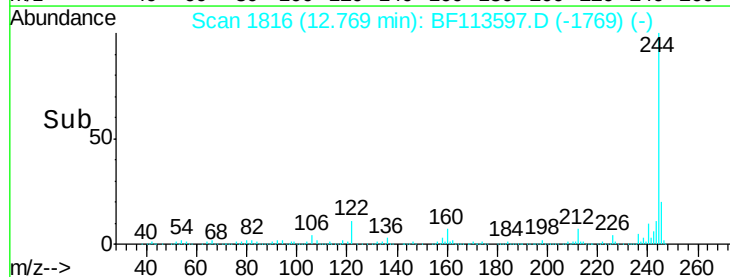
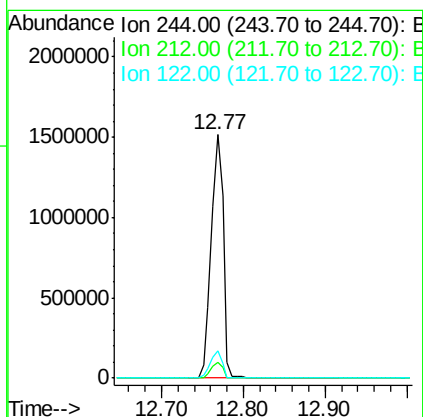
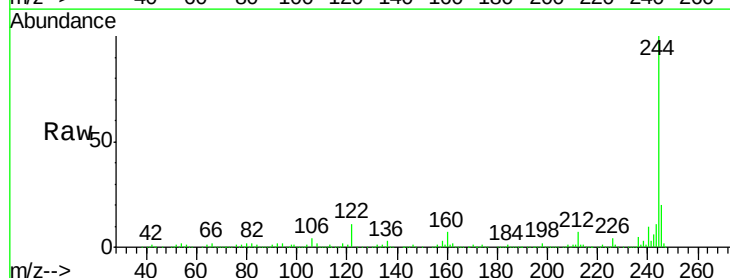
Instrument :
 BNA_F
 ClientSampleId :

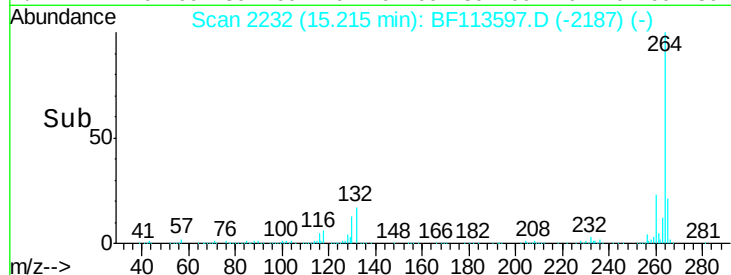
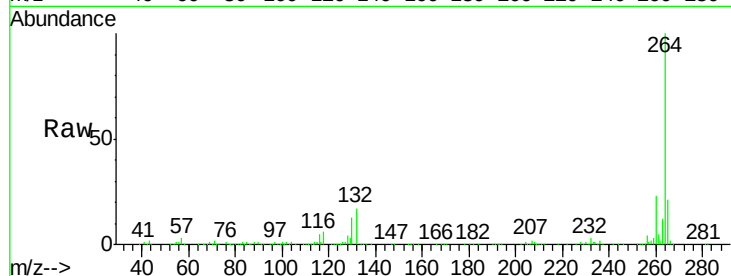
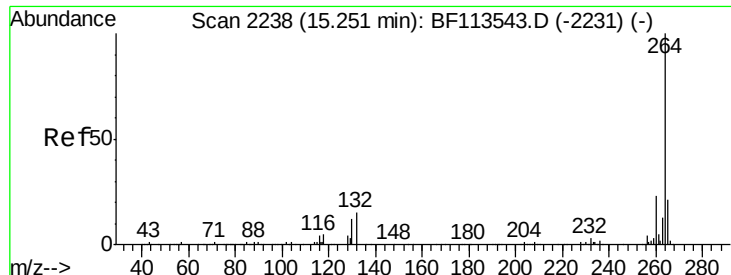
Tot Ion:240 Resp: 461488
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.8 13.2
 236 25.7 20.9 31.3



#79
 Terphenyl-d14
 Concen: 68.609 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113597.D
 Acq: 4 Apr 2019 22:03

Tgt Ion:244 Resp: 1555109
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.4 8.6 13.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.04 min
Lab File: BF113597.D
Acq: 4 Apr 2019 22:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	372321
Ion Ratio	Lower	Upper
264	100	
260	23.4	19.1 28.7
265	21.5	17.1 25.7

