

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113631.D
 Acq On : 5 Apr 2019 22:49
 Operator : JU/SJ
 Sample : K2245-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 23:26:31 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

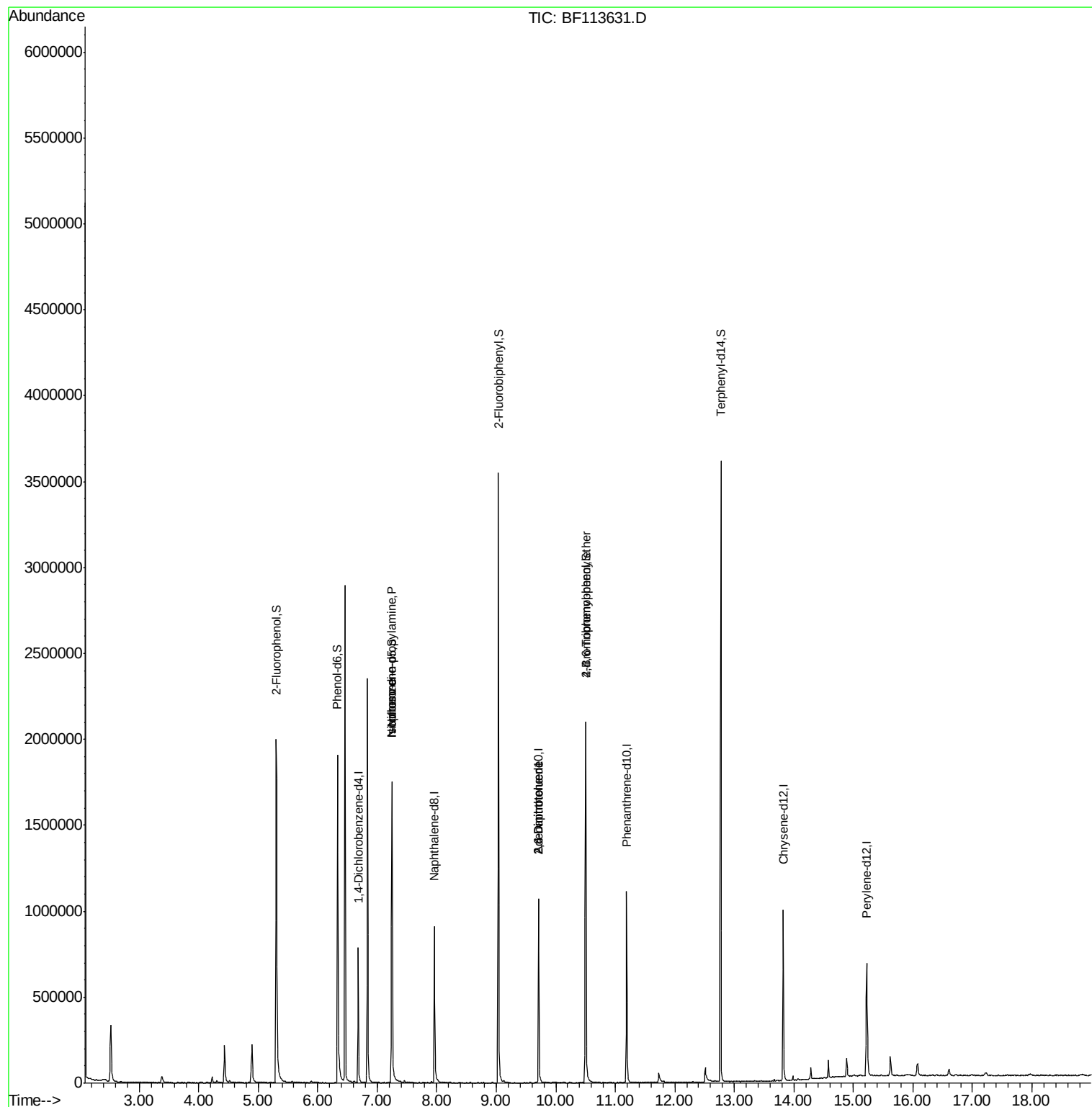
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	118997	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	458690	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	227494	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	476258	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	370658	20.00	ng	-0.02
87) Perylene-d12	15.22	264	326437	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	710435	101.81	ng	0.00
7) Phenol-d6	6.33	99	809217	94.09	ng	0.00
23) Nitrobenzene-d5	7.25	82	656414	83.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	346151	126.67	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1203454	85.16	ng	-0.01
79) Terphenyl-d14	12.77	244	1455677	79.96	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	84270	15.889	ng	# 77
25) Isophorone	7.25	82	656411	43.514	ng	# 64
51) 2,6-Dinitrotoluene	9.71	165	28438	7.693	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	28438	6.361	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	19504	3.651	ng	# 1

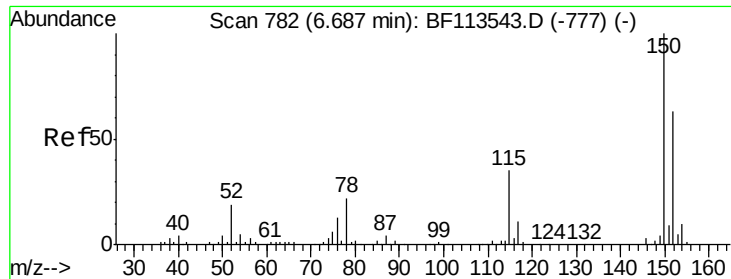
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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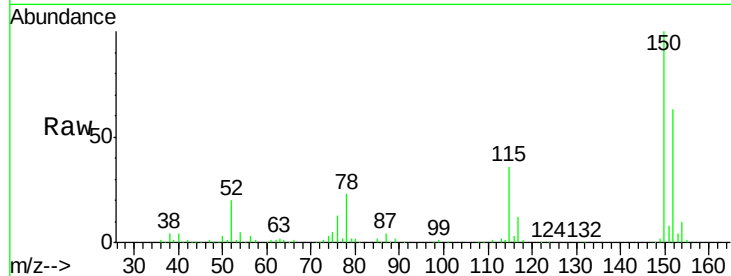


#1

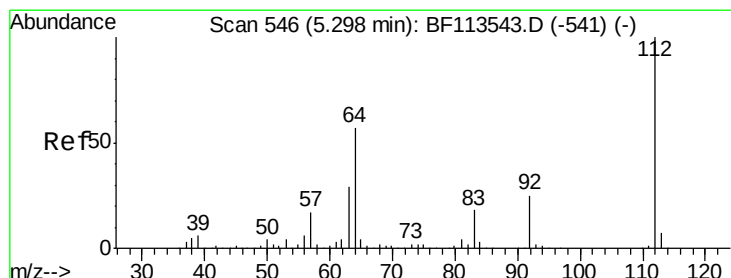
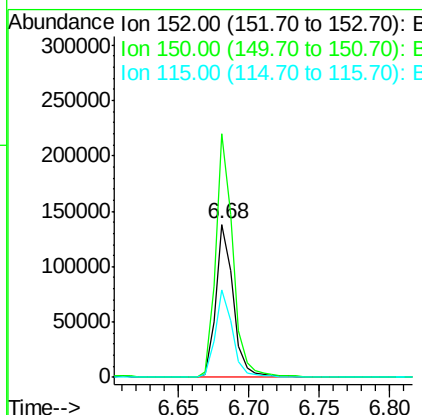
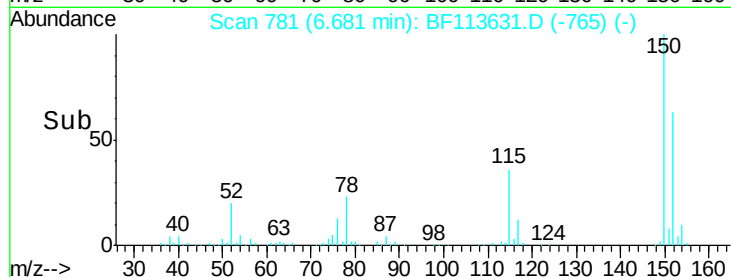
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113631.D
Acq: 5 Apr 2019 22:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 118997
Ion Ratio Lower Upper
152 100
150 158.9 124.7 187.1
115 56.9 46.0 69.0



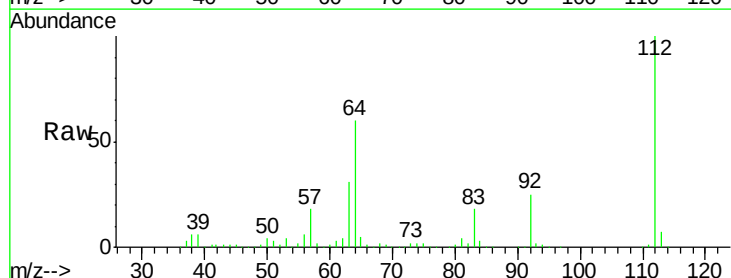
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



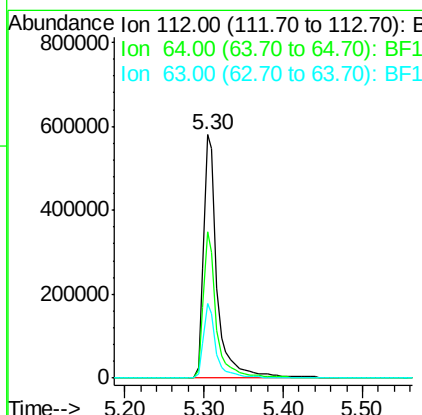
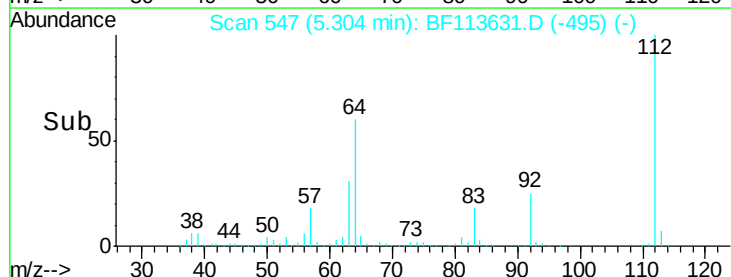
#5

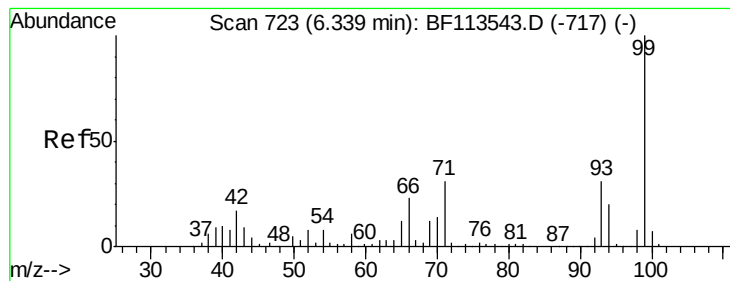
2-Fluorophenol
Concen: 101.806 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113631.D
Acq: 5 Apr 2019 22:49

Tgt Ion:112 Resp: 710435
Ion Ratio Lower Upper
112 100
64 60.2 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: 94.086 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113631.D

Acq: 5 Apr 2019 22:49

Instrument :

BNA_F

ClientSampled :

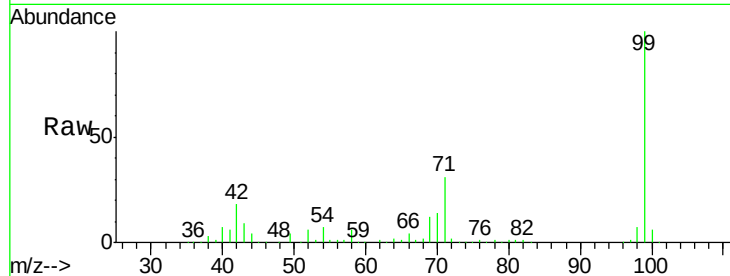
Tot Ion: 99 Resp: 809217

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

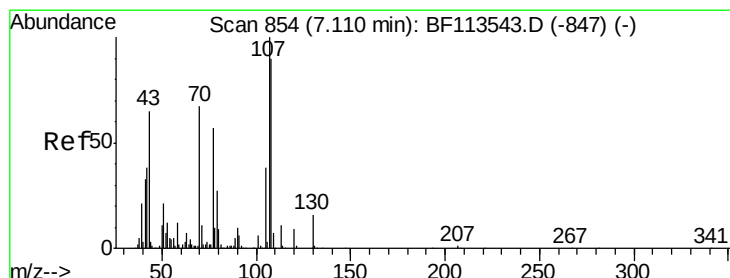
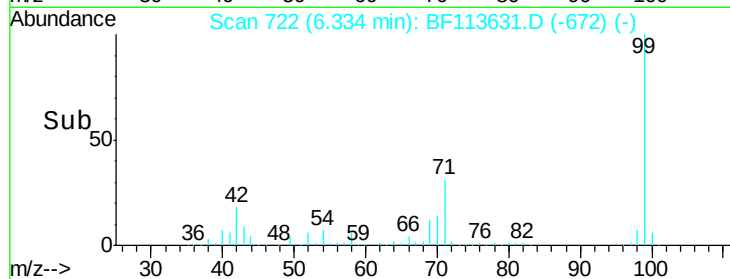
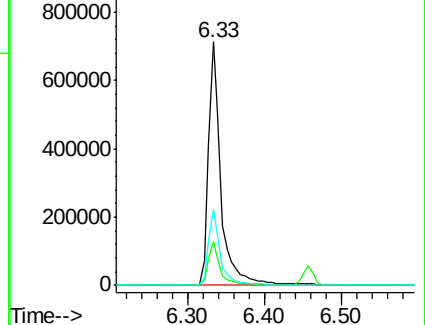
71 31.1 24.9 37.3



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: 15.889 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113631.D

Acq: 5 Apr 2019 22:49

Tgt Ion: 70 Resp: 84270

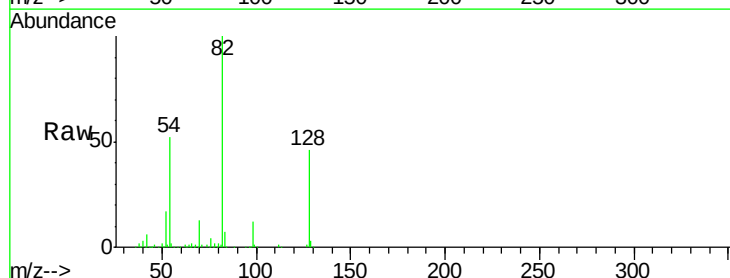
Ion Ratio Lower Upper

70 100

42 49.4 48.4 72.6

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#

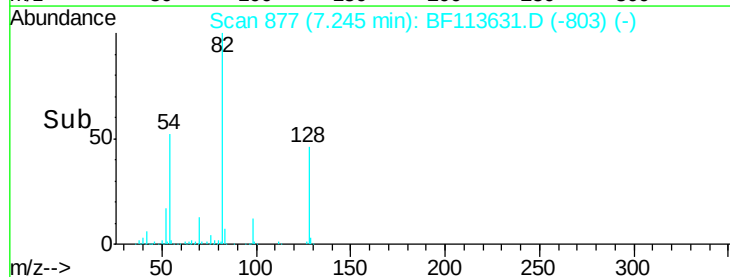
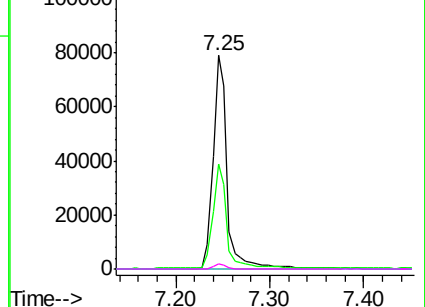


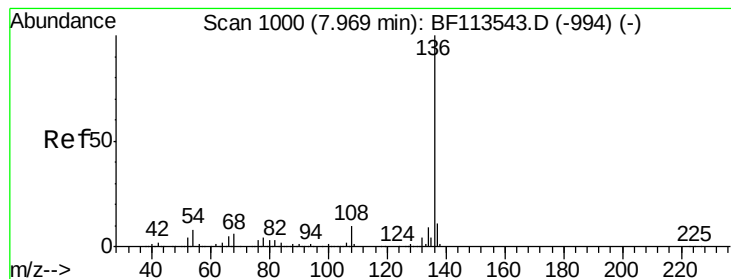
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113631.D

Acq: 5 Apr 2019 22:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 458690

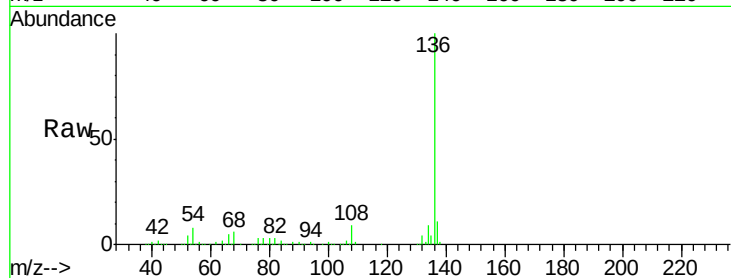
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.7 7.0 10.6

68 5.7 4.8 7.2

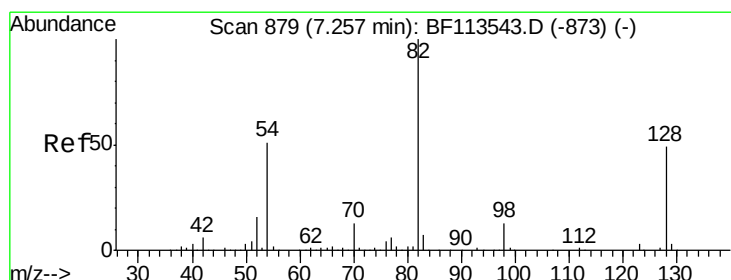
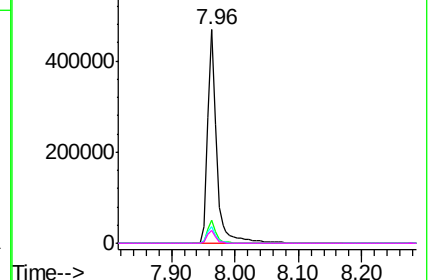
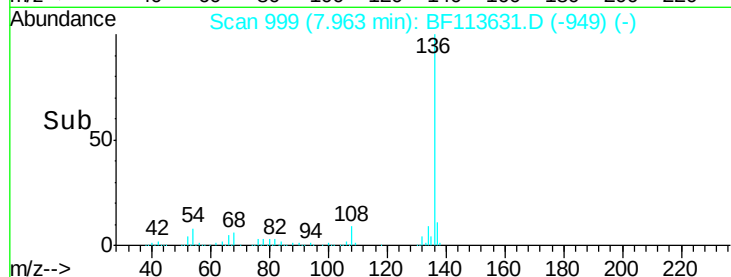


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.825 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113631.D

Acq: 5 Apr 2019 22:49

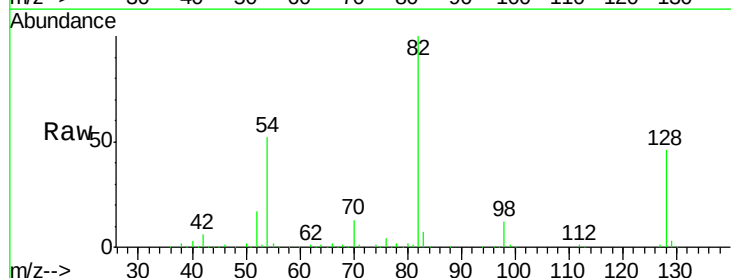
Tgt Ion: 82 Resp: 656414

Ion Ratio Lower Upper

82 100

128 45.8 36.5 54.7

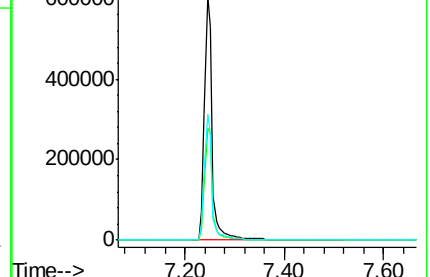
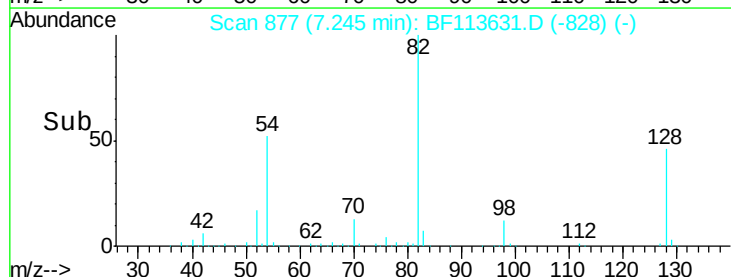
54 51.7 42.2 63.2

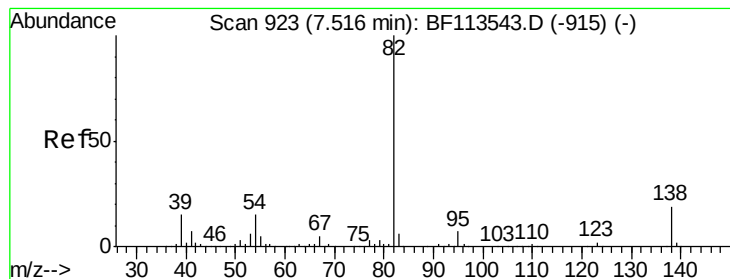


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.514 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113631.D

Acq: 5 Apr 2019 22:49

Instrument :

BNA_F

ClientSampleId :

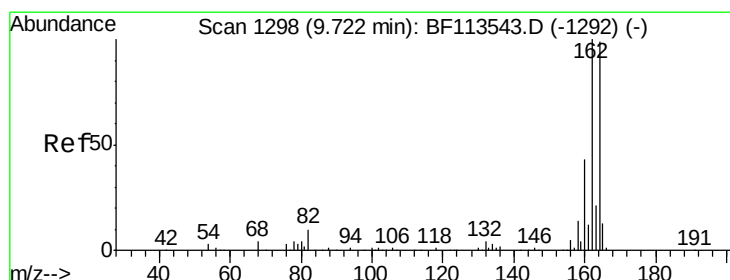
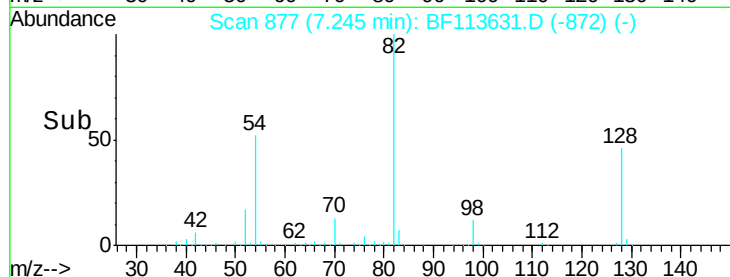
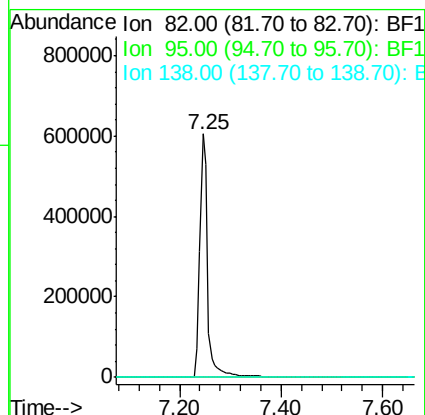
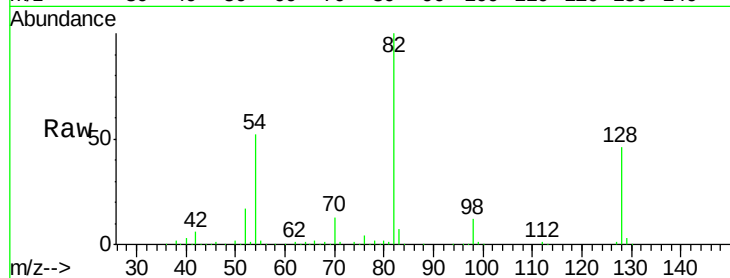
Tot Ion: 82 Resp: 656411

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: BF113631.D

Acq: 5 Apr 2019 22:49

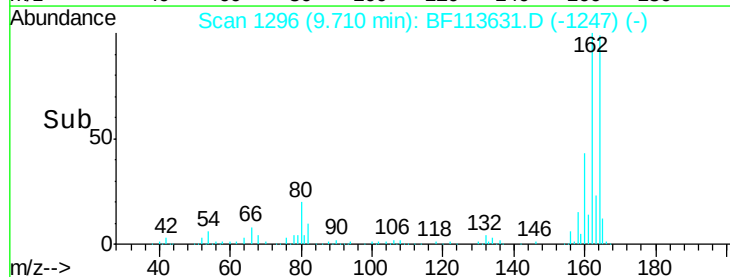
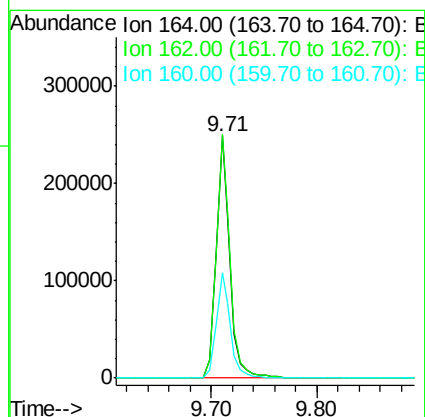
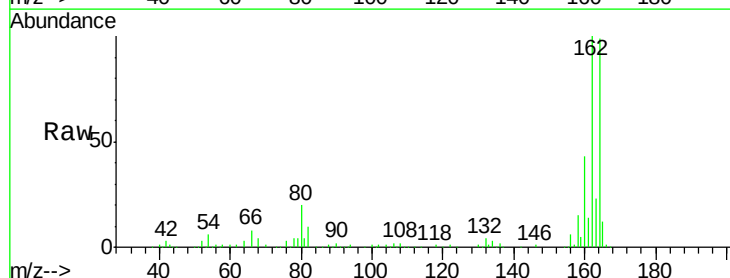
Tgt Ion:164 Resp: 227494

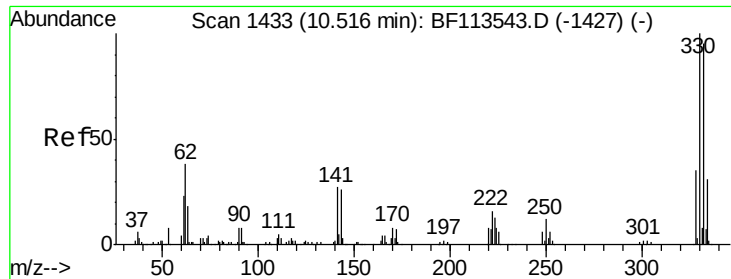
Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.6

160 43.5 36.4 54.6

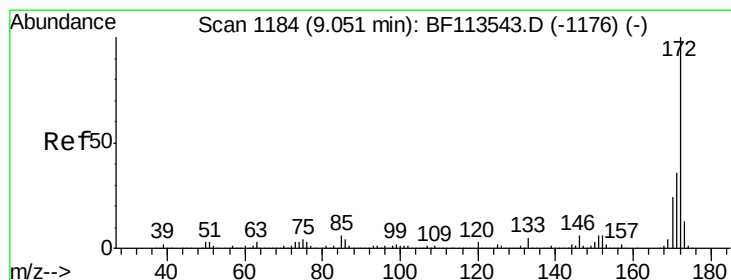
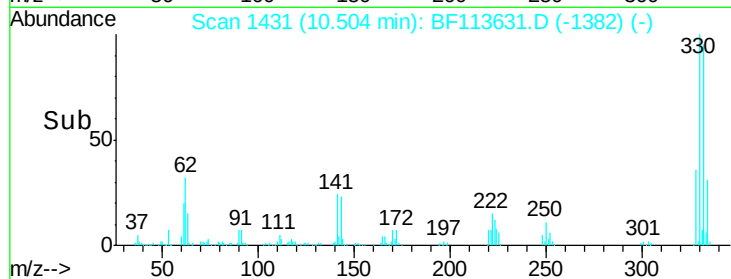
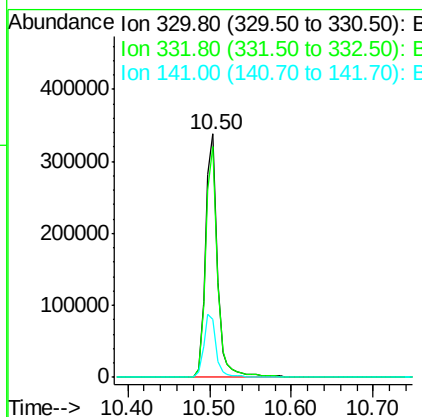
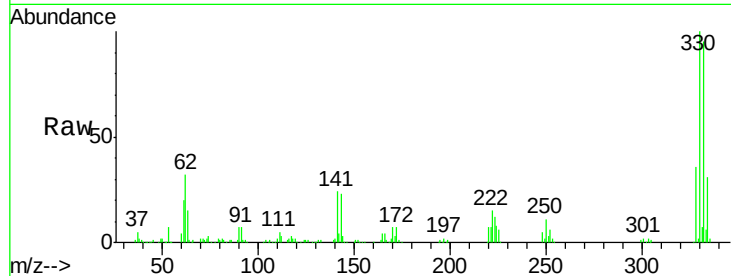




#42
 2,4,6-Tribromophenol
 Concen: 126.667 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113631.D
 Acq: 5 Apr 2019 22:49

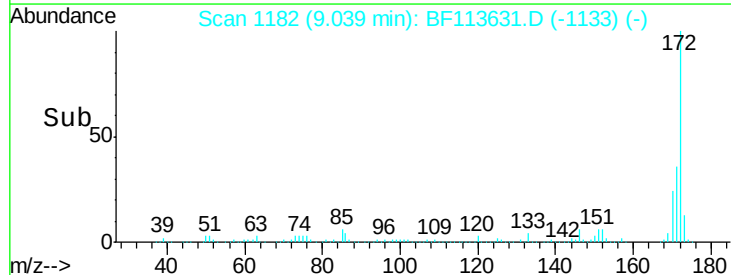
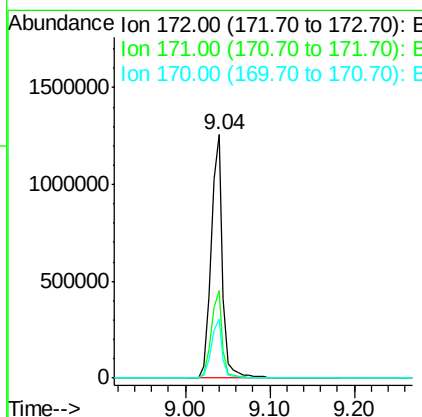
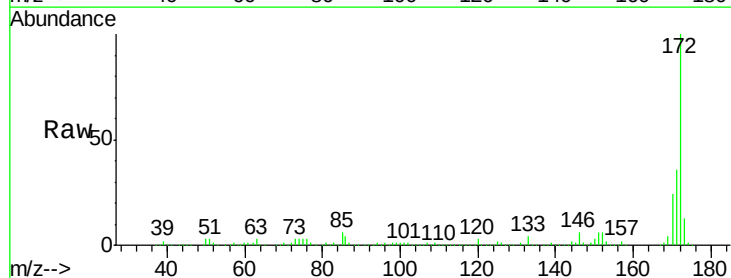
Instrument :
 BNA_F
 ClientSampleId :

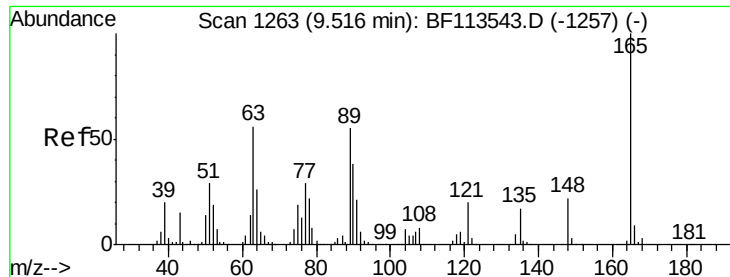
Tot Ion:330 Resp: 346151
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.8 116.6
 141 27.2 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 85.164 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113631.D
 Acq: 5 Apr 2019 22:49

Tgt Ion:172 Resp: 1203454
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.4 19.5 29.3

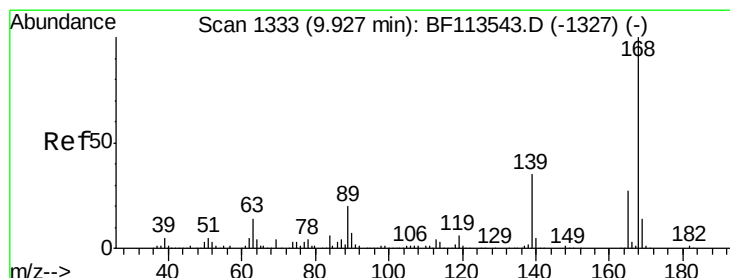
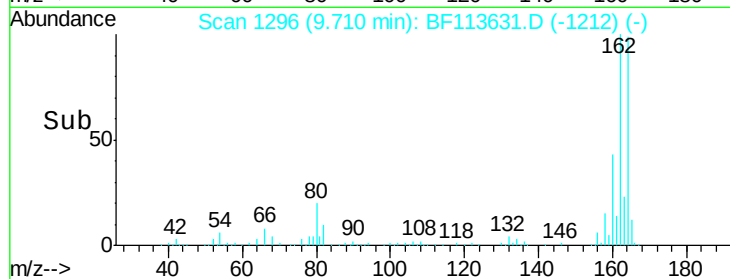
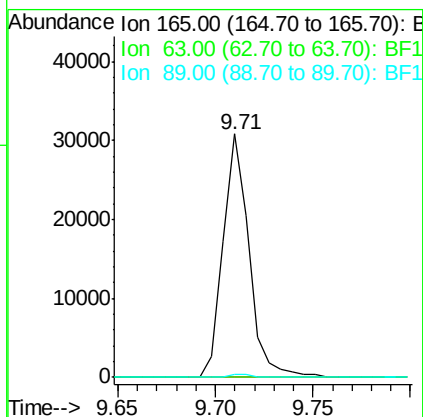
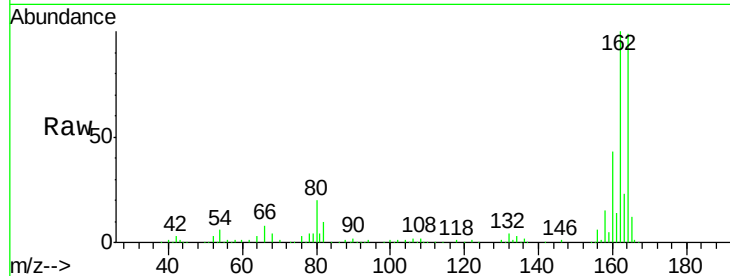




#51
 2,6-Dinitrotoluene
 Concen: 7.693 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.19 min
 Lab File: BF113631.D
 Acq: 5 Apr 2019 22:49

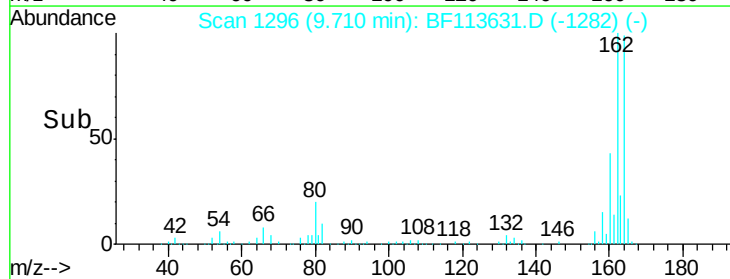
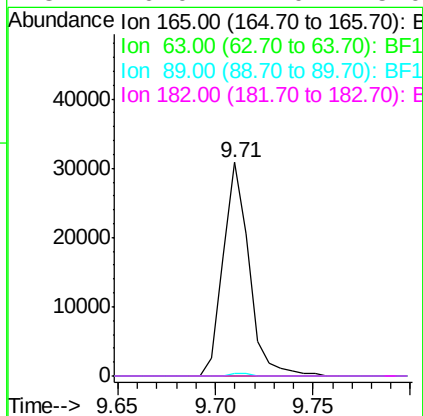
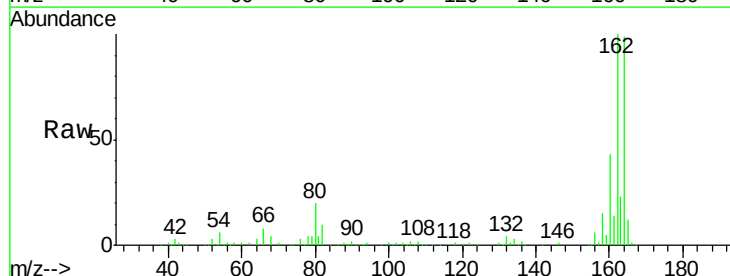
Instrument :
 BNA_F
 ClientSampleId :

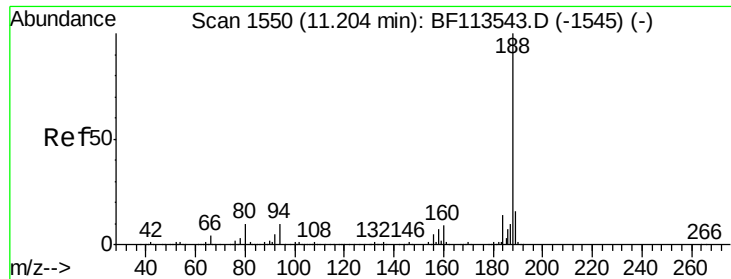
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.0#
89	1.4	43.1	64.7#



#57
 2,4-Dinitrotoluene
 Concen: 6.361 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113631.D
 Acq: 5 Apr 2019 22:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.5	56.3#
89	1.4	57.4	86.2#
182	0.0	2.0	3.0#

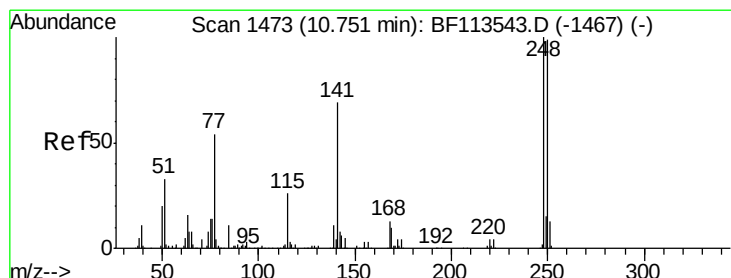
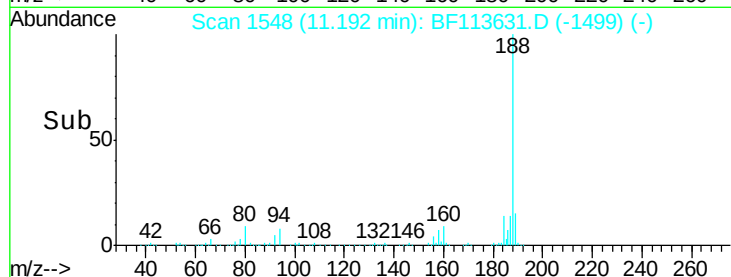
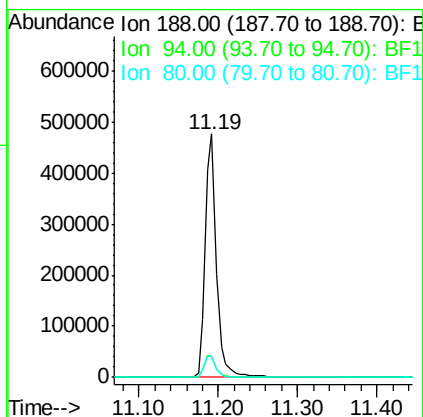
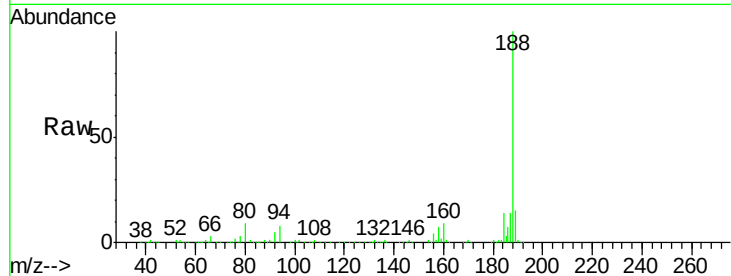




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113631.D
 Acq: 5 Apr 2019 22:49

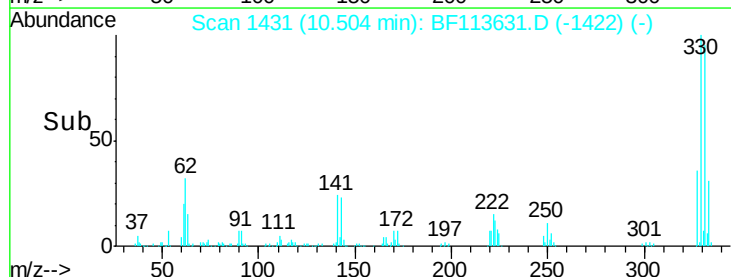
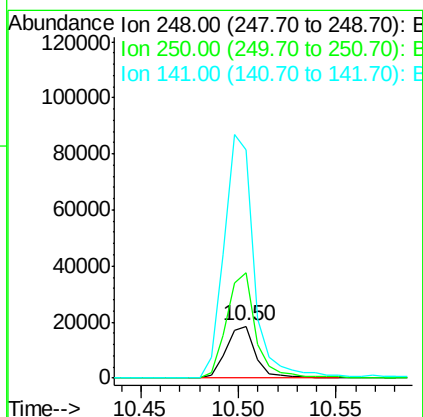
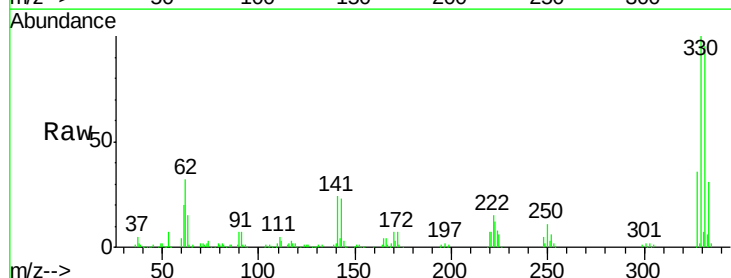
Instrument :
 BNA_F
 ClientSampleId :

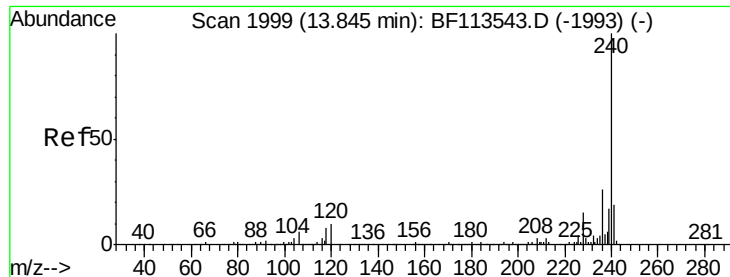
Tot Ion:188 Resp: 476258
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.0 10.6
 80 8.7 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.651 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF113631.D
 Acq: 5 Apr 2019 22:49

Tgt Ion:248 Resp: 19504
 Ion Ratio Lower Upper
 248 100
 250 203.9 78.3 117.5#
 141 440.2 56.2 84.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113631.D

Acq: 5 Apr 2019 22:49

Instrument :

BNA_F

ClientSampleId :

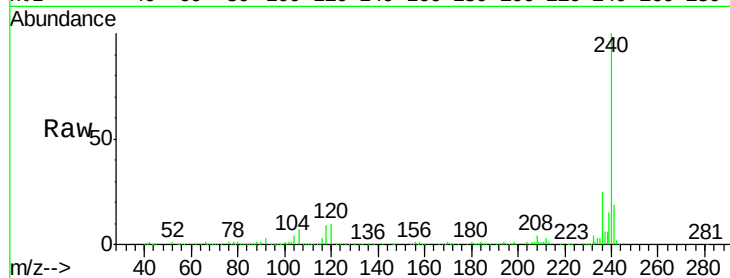
Tot Ion:240 Resp: 370658

Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

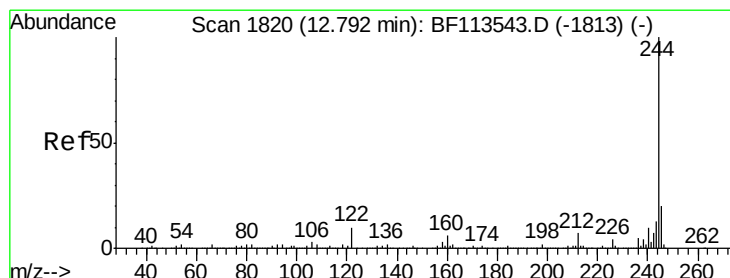
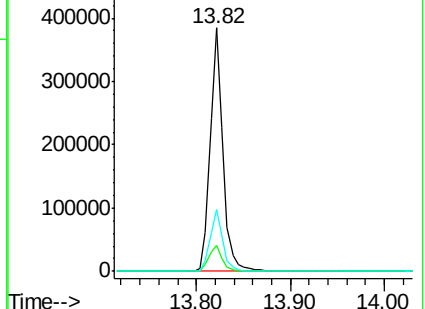
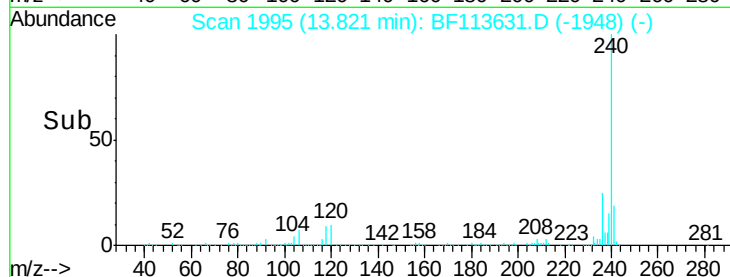
236 25.3 20.9 31.3



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: 79.960 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113631.D

Acq: 5 Apr 2019 22:49

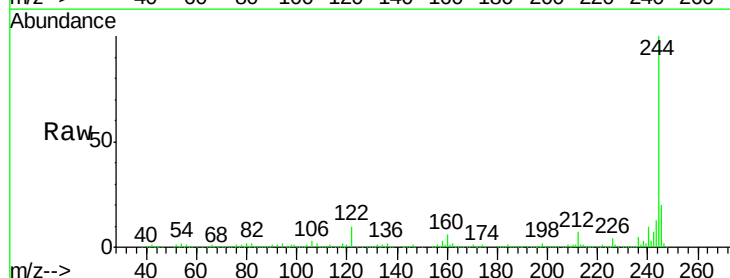
Tgt Ion:244 Resp: 1455677

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

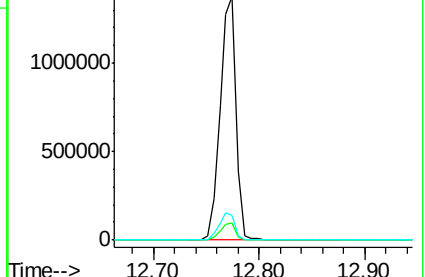
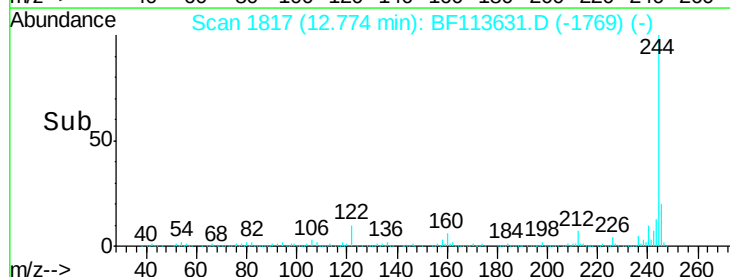
122 10.1 8.6 13.0

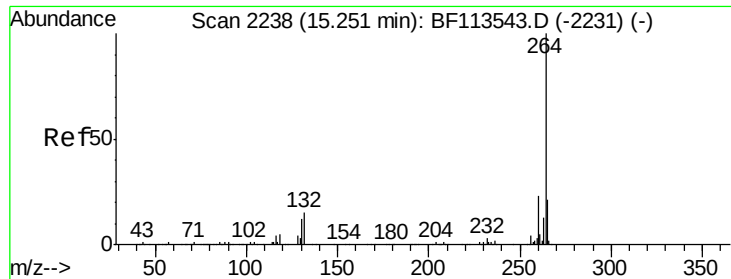


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

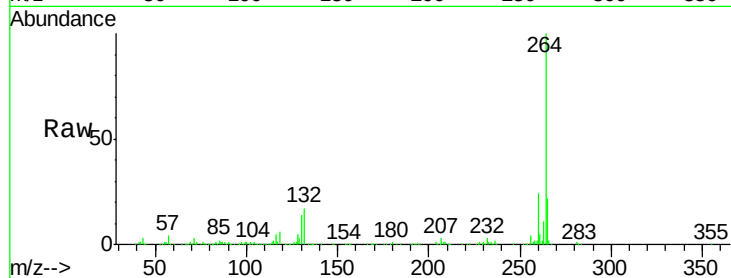




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.03 min
 Lab File: BF113631.D
 Acq: 5 Apr 2019 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.0	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

