

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113665.D
 Acq On : 9 Apr 2019 17:03
 Operator : JU/SJ
 Sample : K2338-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:24:46 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

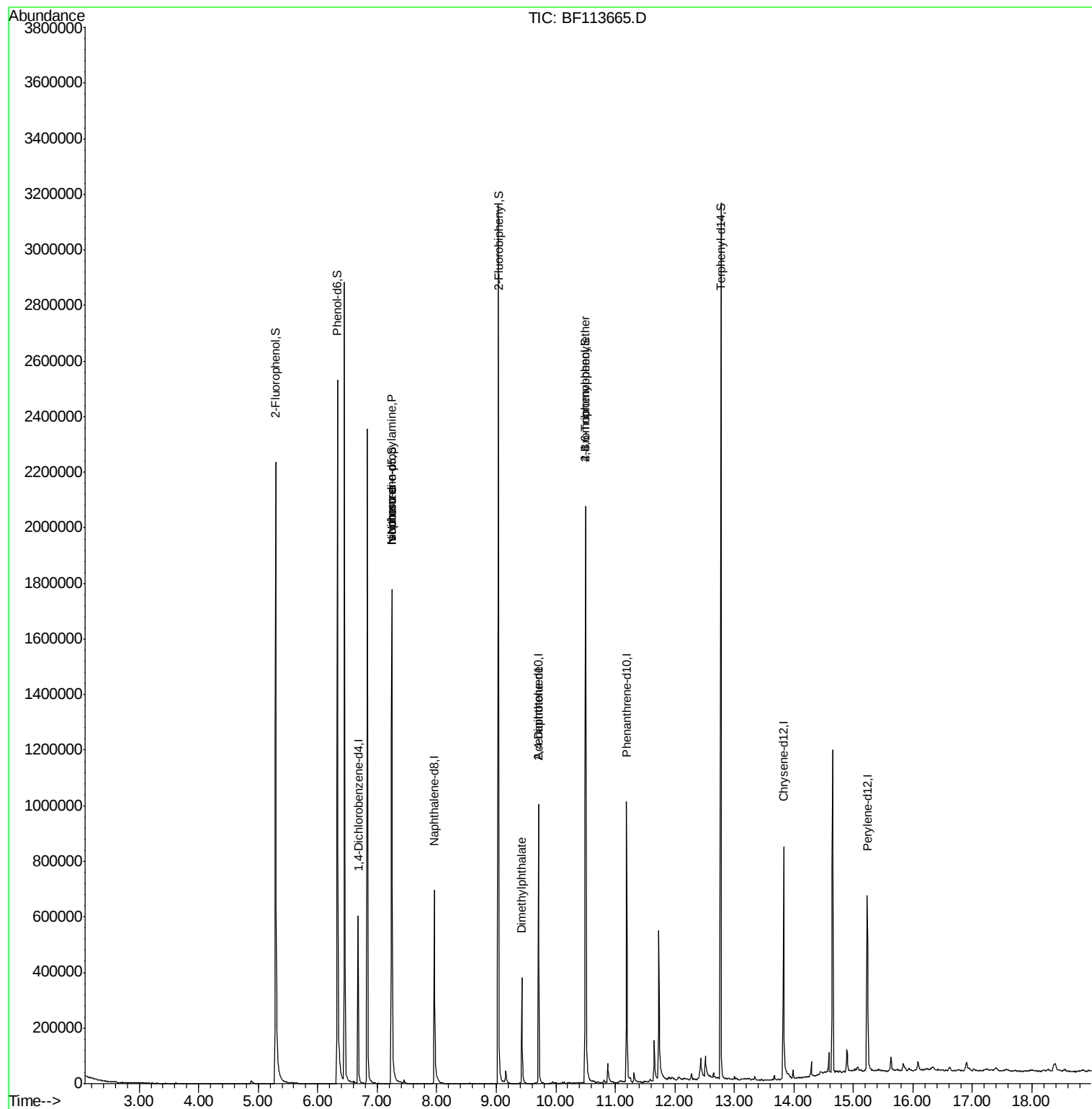
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	107936	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	413567	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	202489	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	423837	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	331091	20.00	ng	-0.02
87) Perylene-d12	15.23	264	290717	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	781963	123.54	ng	0.00
7) Phenol-d6	6.33	99	1033688	132.50	ng	0.00
23) Nitrobenzene-d5	7.25	82	619267	87.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	322770	132.70	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1047225	83.26	ng	-0.02
79) Terphenyl-d14	12.77	244	1156986	71.15	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	79382	16.501	ng	# 77
25) Isophorone	7.25	82	619264	45.531	ng	# 64
50) Dimethylphthalate	9.43	163	192764	12.915	ng	99
57) 2,4-Dinitrotoluene	9.71	165	25044	6.294	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	17576	3.697	ng	# 1

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

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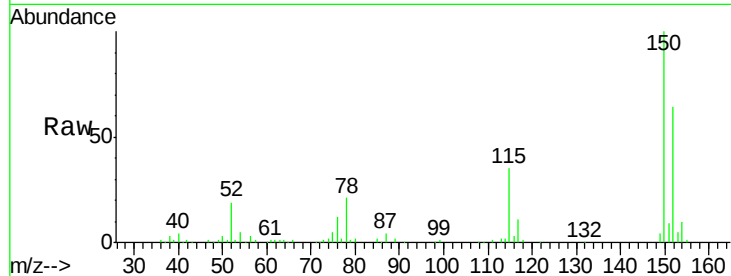


#1

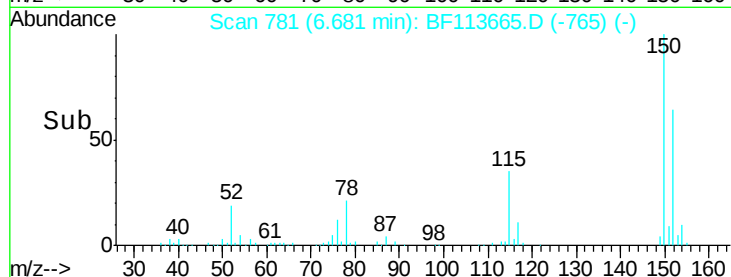
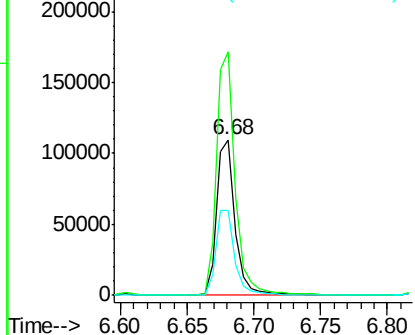
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113665.D
Acq: 9 Apr 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107936
Ion Ratio Lower Upper
152 100
150 156.8 124.7 187.1
115 54.5 46.0 69.0



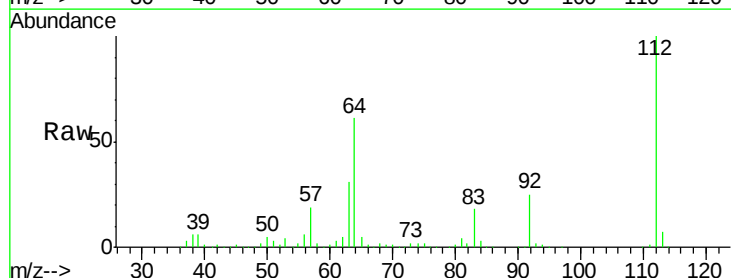
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



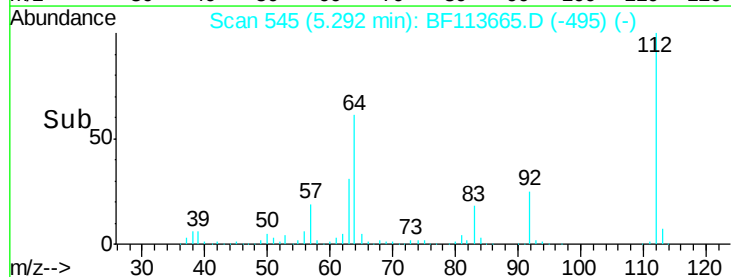
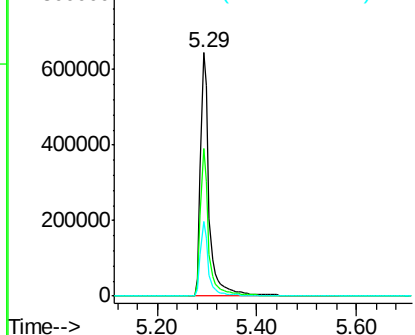
#5

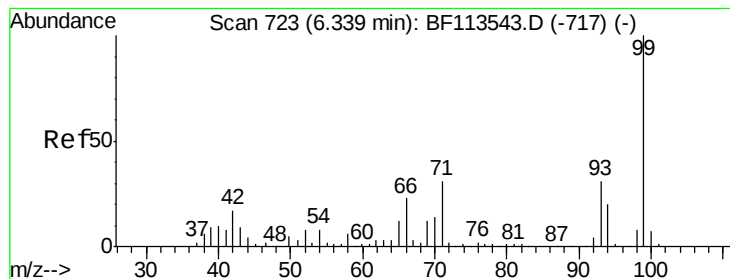
2-Fluorophenol
Concen: 123.539 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113665.D
Acq: 9 Apr 2019 17:03

Tgt Ion:112 Resp: 781963
Ion Ratio Lower Upper
112 100
64 60.6 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: 132.500 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113665.D

Acq: 9 Apr 2019 17:03

Instrument :

BNA_F

ClientSampleId :

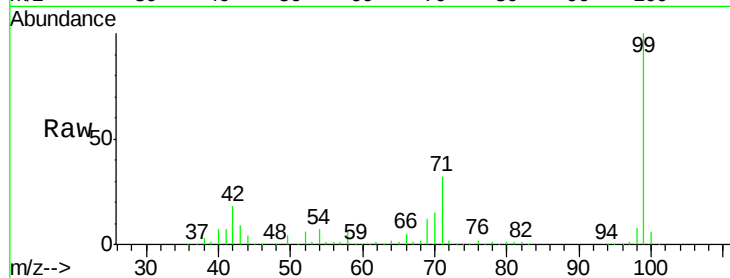
Tot Ion: 99 Resp: 1033688

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.8	22.2
71	31.7	24.9	37.3

99 100

42 17.9 14.8 22.2

71 31.7 24.9 37.3

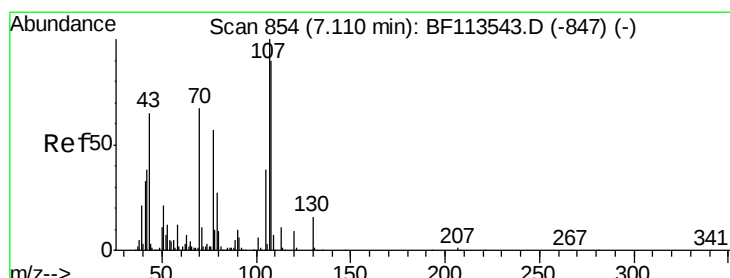
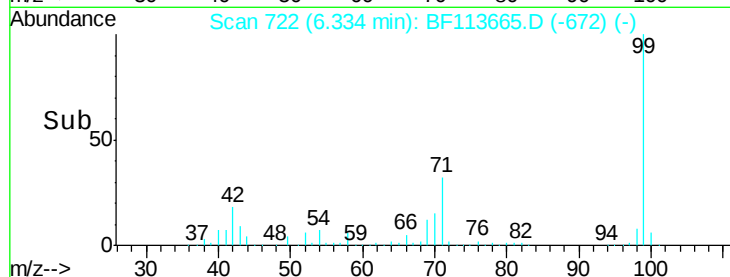
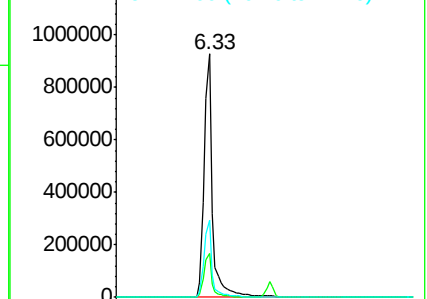


Abundance

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: 16.501 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113665.D

Acq: 9 Apr 2019 17:03

Tgt Ion: 70 Resp: 79382

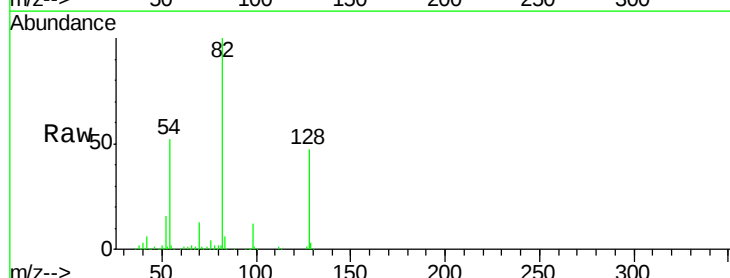
Ion	Ratio	Lower	Upper
70	100		
42	48.9	48.4	72.6
101	0.0	7.8	11.8#
130	2.4	18.2	27.4#

70 100

42 48.9 48.4 72.6

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#



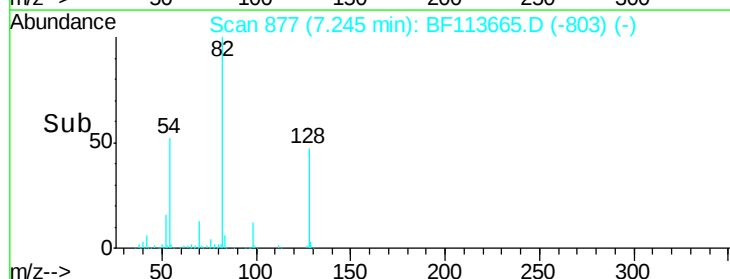
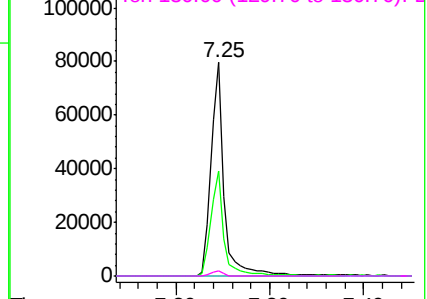
Abundance

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113665.D

Acq: 9 Apr 2019 17:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 413567

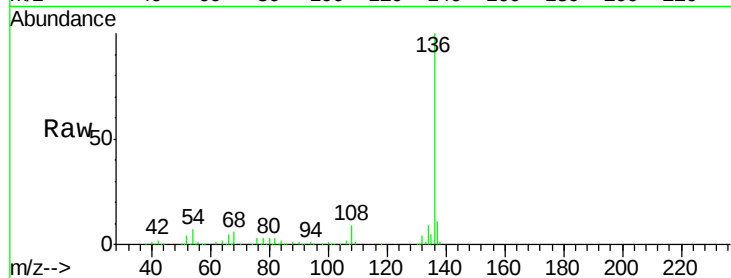
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.2 7.0 10.6

68 5.6 4.8 7.2

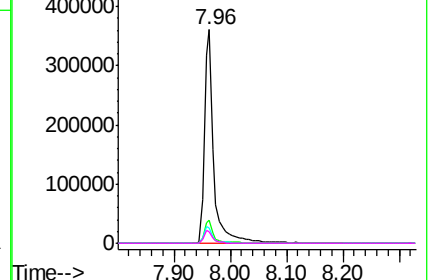
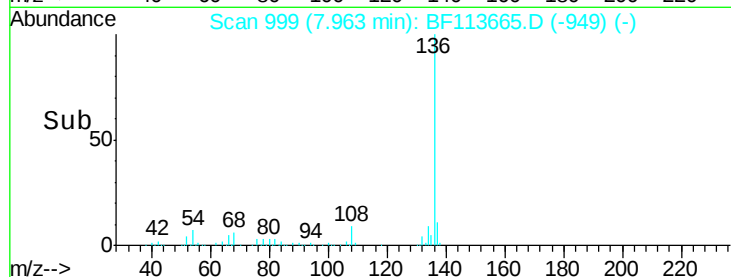


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.709 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113665.D

Acq: 9 Apr 2019 17:03

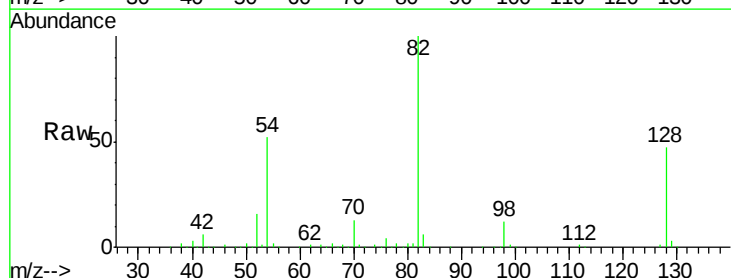
Tgt Ion: 82 Resp: 619267

Ion Ratio Lower Upper

82 100

128 47.2 36.5 54.7

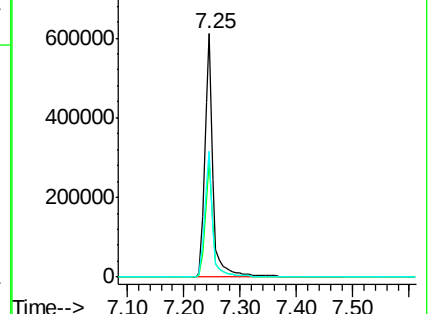
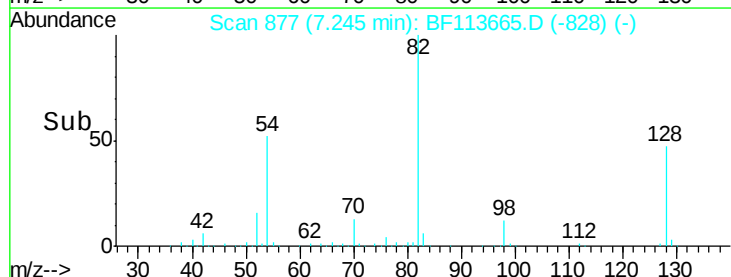
54 51.6 42.2 63.2

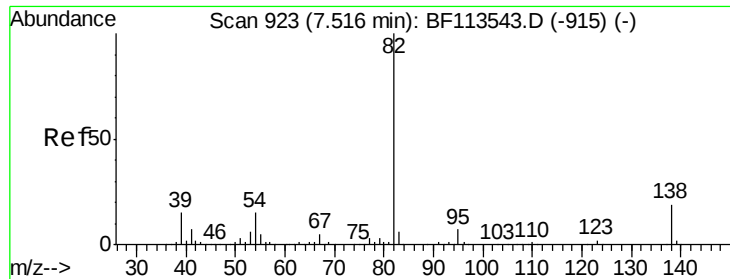


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.531 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113665.D

Acq: 9 Apr 2019 17:03

Instrument :

BNA_F

ClientSampleId :

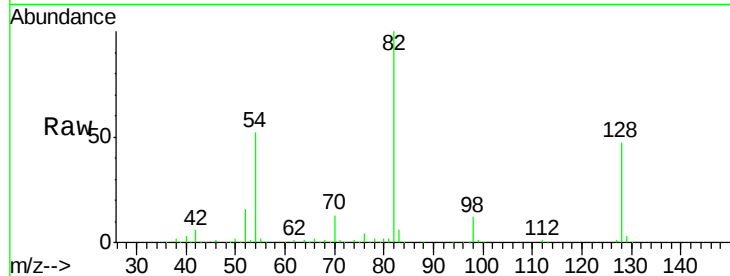
Tot Ion: 82 Resp: 619264

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

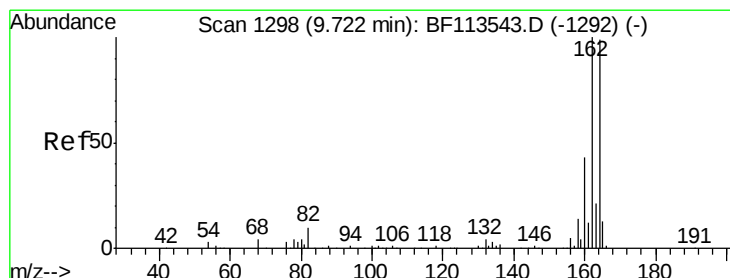
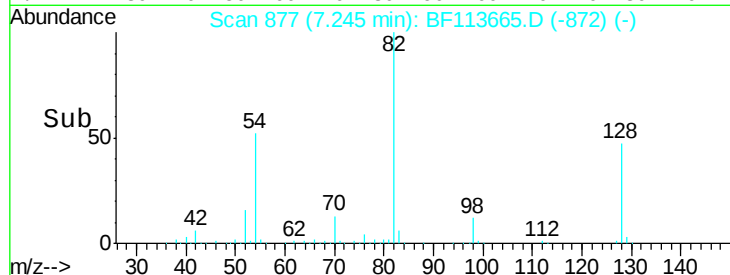
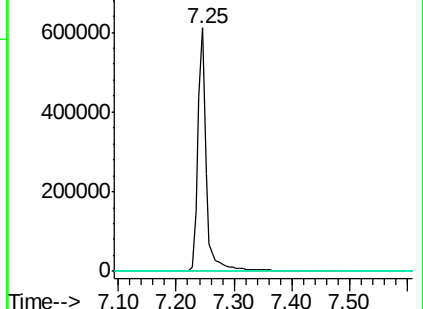
138 0.0 15.2 22.8#



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: BF113665.D

Acq: 9 Apr 2019 17:03

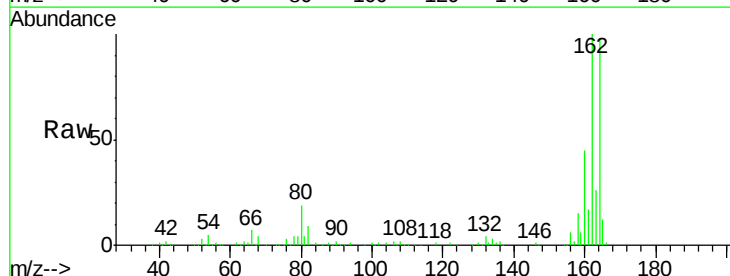
Tgt Ion:164 Resp: 202489

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

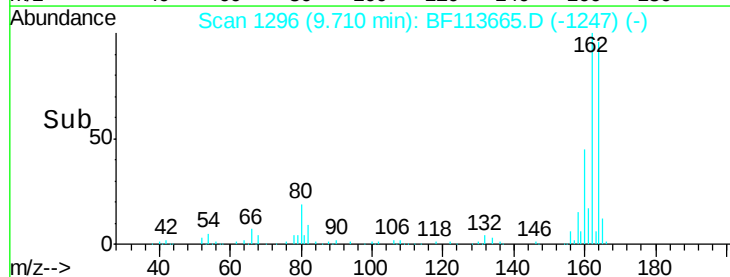
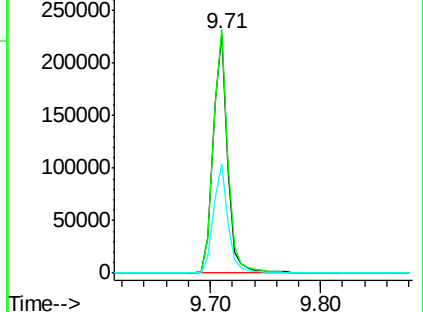
160 45.6 36.4 54.6

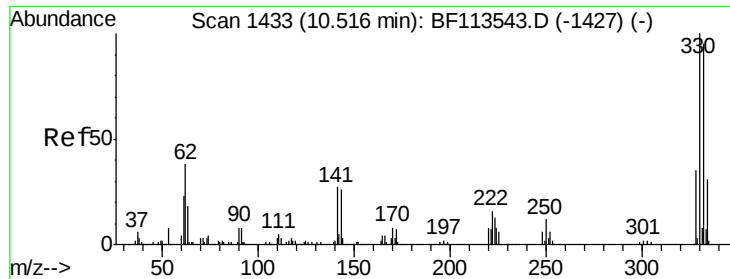


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

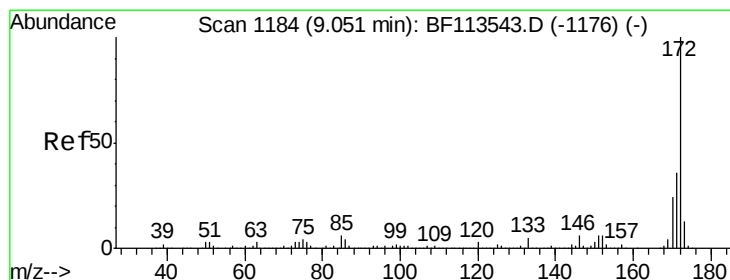
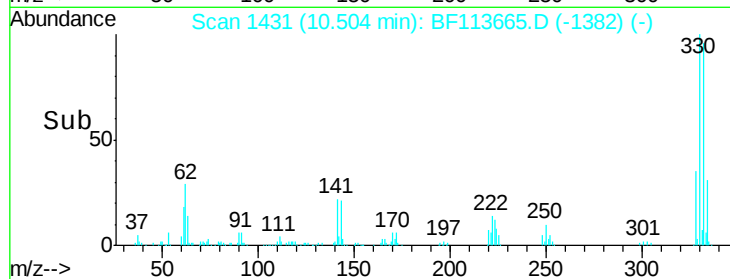
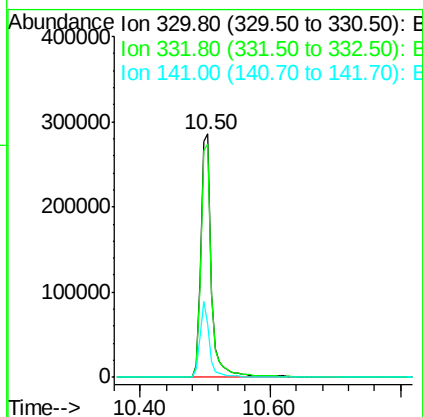
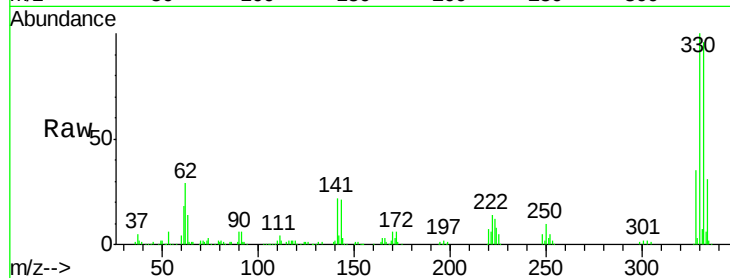




#42
 2,4,6-Tribromophenol
 Concen: 132.697 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113665.D
 Acq: 9 Apr 2019 17:03

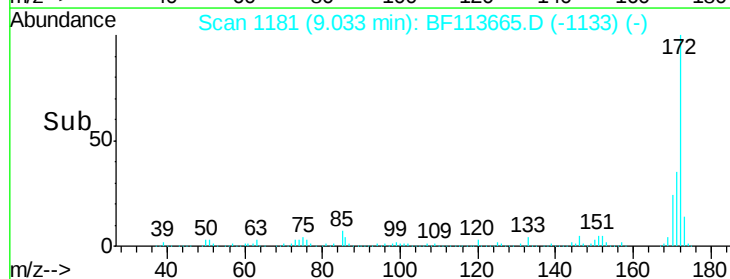
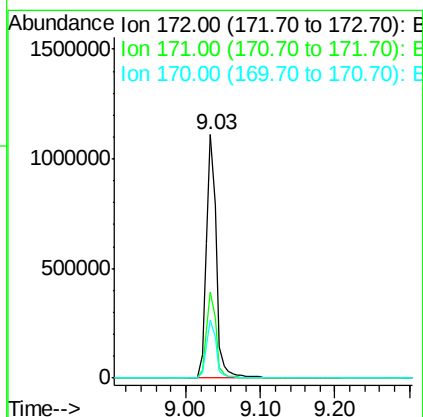
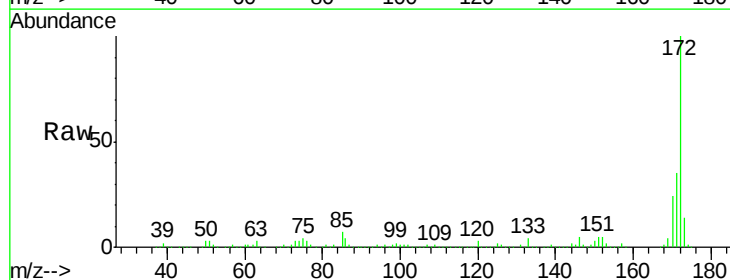
Instrument :
 BNA_F
 ClientSampleId :

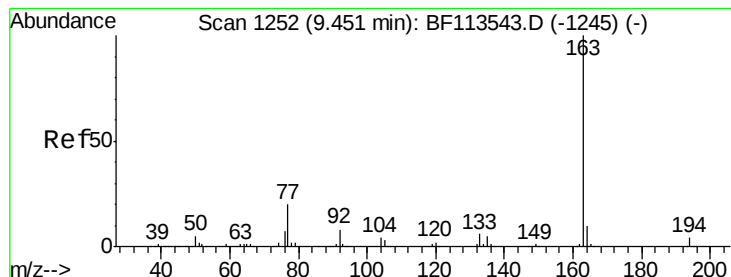
Tot Ion:330 Resp: 322770
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.6
 141 27.8 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 83.260 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113665.D
 Acq: 9 Apr 2019 17:03

Tgt Ion:172 Resp: 1047225
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 23.9 19.5 29.3





#50

Dimethylphthalate

Concen: 12.915 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113665.D

Acq: 9 Apr 2019 17:03

Instrument :

BNA_F

ClientSampleId :

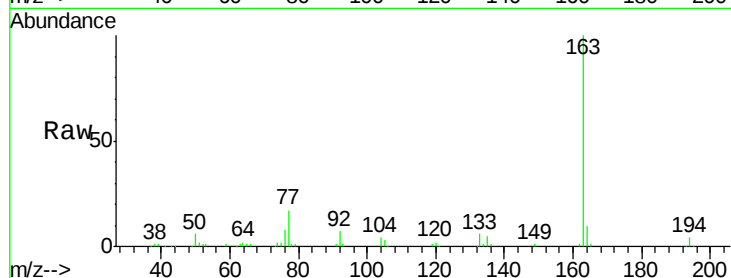
Tot Ion:163 Resp: 192764

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

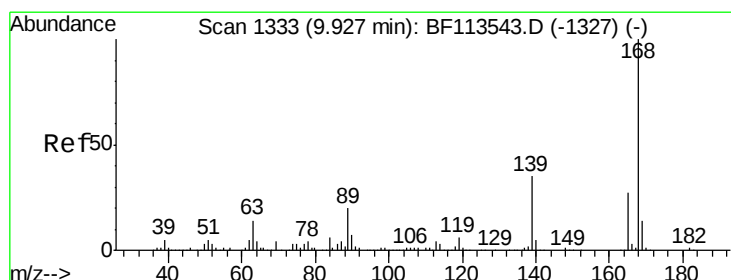
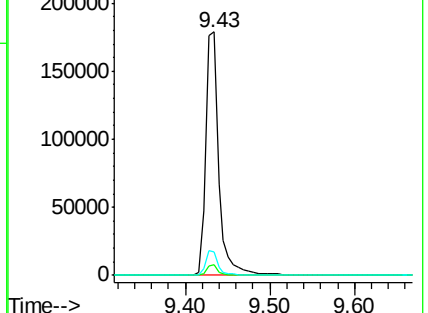
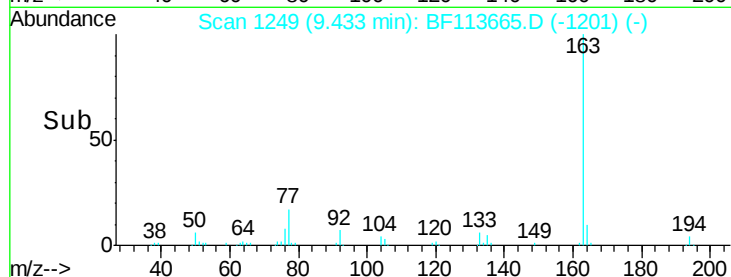
164 9.8 8.1 12.1



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: 6.294 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113665.D

Acq: 9 Apr 2019 17:03

Tgt Ion:165 Resp: 25044

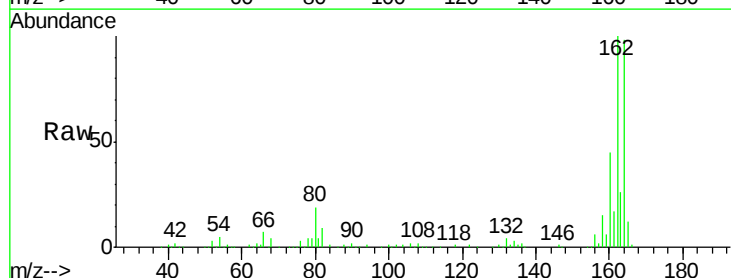
Ion Ratio Lower Upper

165 100

63 1.2 37.5 56.3#

89 1.3 57.4 86.2#

182 0.0 2.0 3.0#

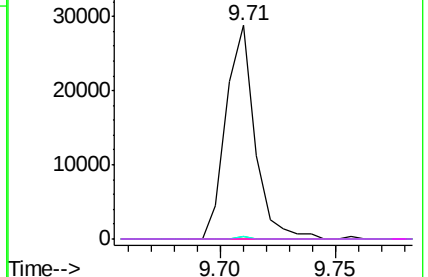
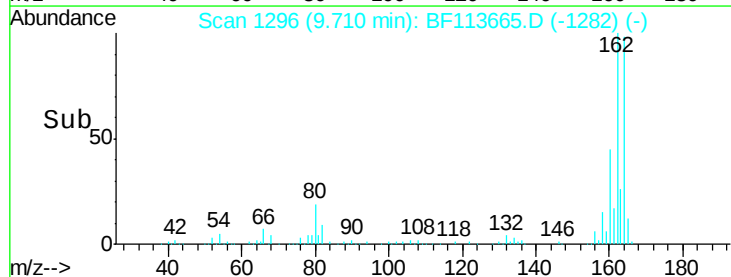


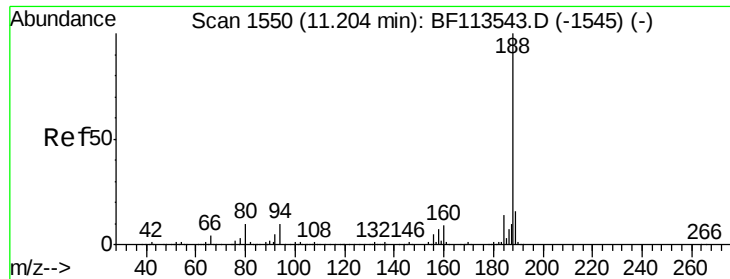
Abundance Ion 165.00 (164.70 to 165.70): E

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

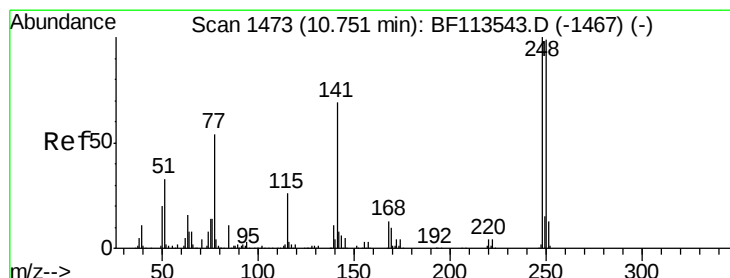
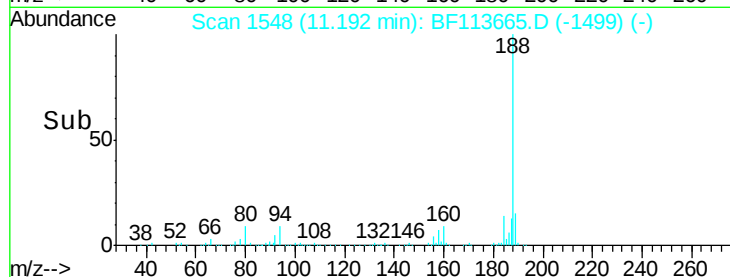
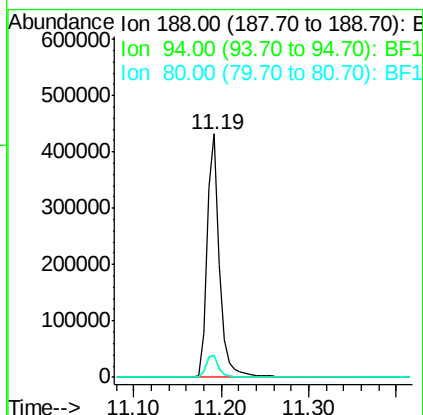
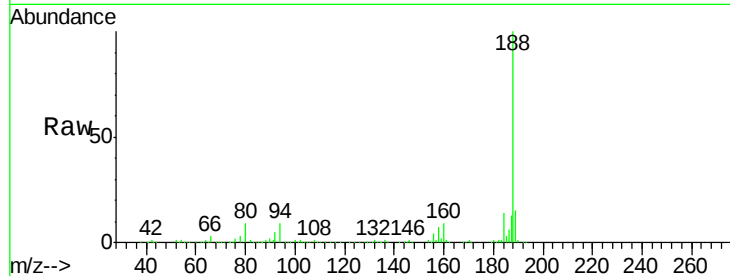




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113665.D
Acq: 9 Apr 2019 17:03

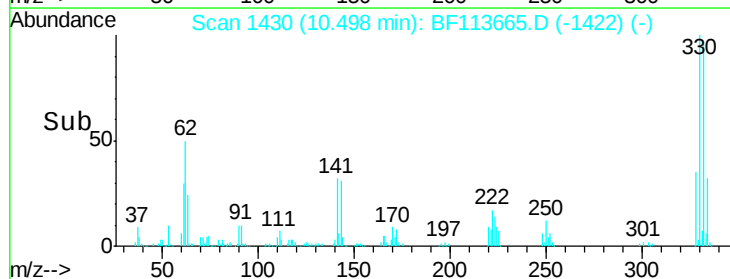
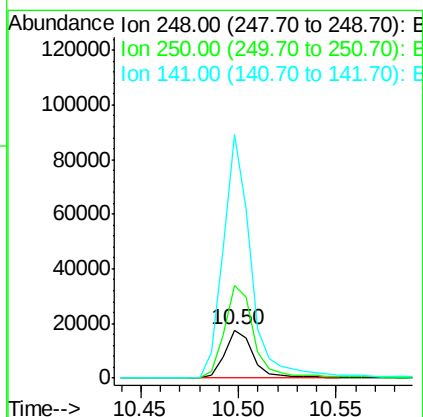
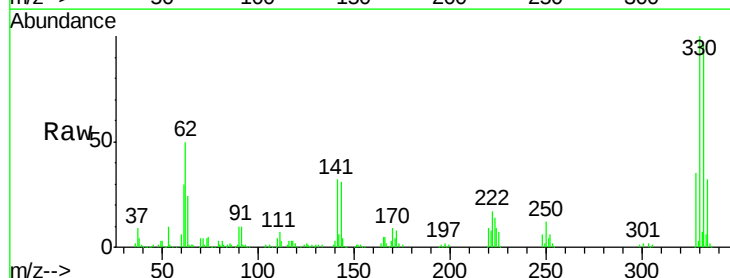
Instrument :
BNA_F
ClientSampled :

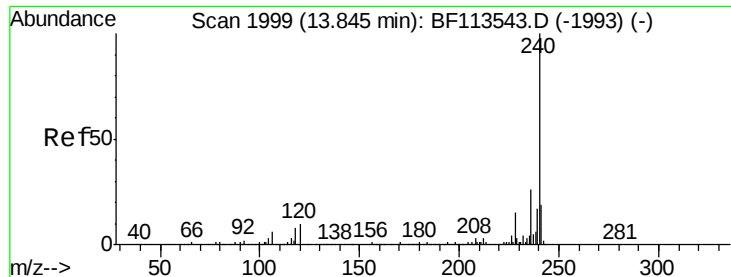
Tot Ion:188 Resp: 423837
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 8.9 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.697 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113665.D
Acq: 9 Apr 2019 17:03

Tgt Ion:248 Resp: 17576
Ion Ratio Lower Upper
248 100
250 193.2 78.3 117.5#
141 508.3 56.2 84.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113665.D

Acq: 9 Apr 2019 17:03

Instrument :

BNA_F

ClientSampleId :

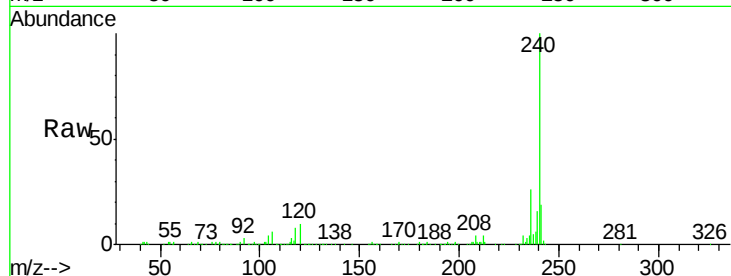
Tot Ion:240 Resp: 331091

Ion Ratio Lower Upper

240 100

120 9.9 8.8 13.2

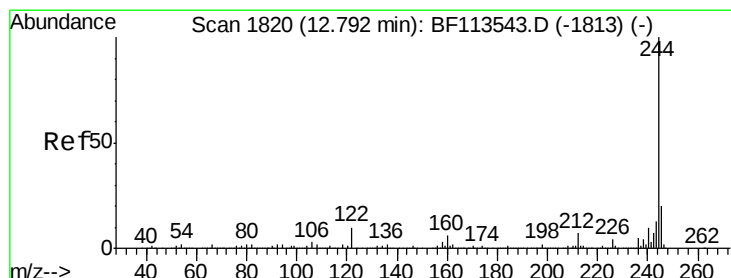
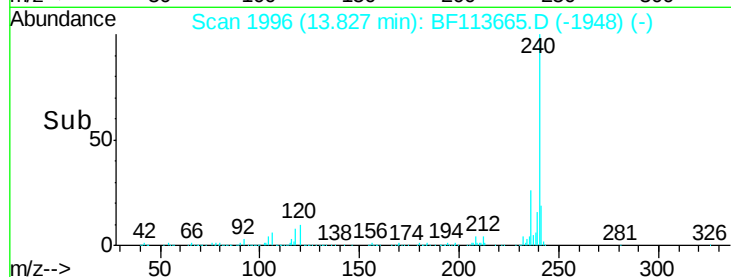
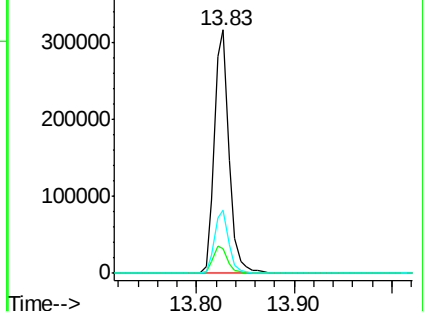
236 25.8 20.9 31.3



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: 71.148 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113665.D

Acq: 9 Apr 2019 17:03

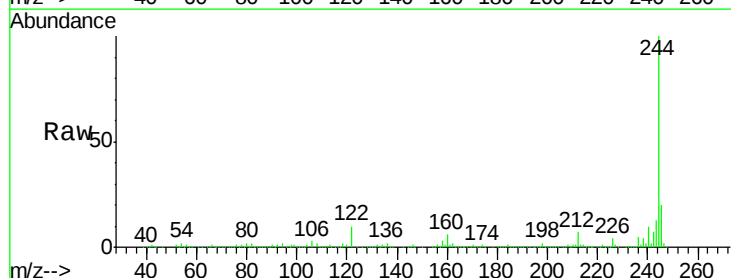
Tgt Ion:244 Resp: 1156986

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

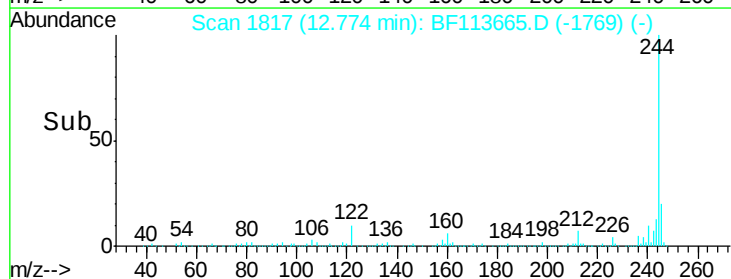
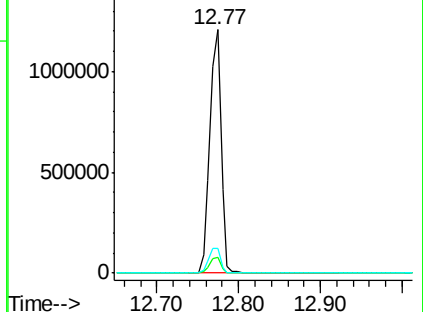
122 10.1 8.6 13.0

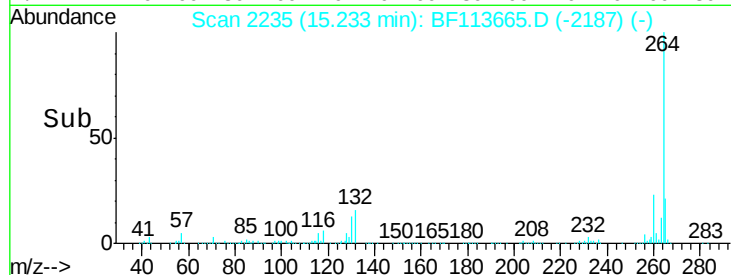
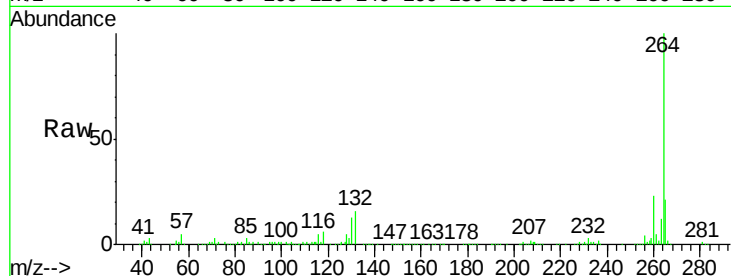
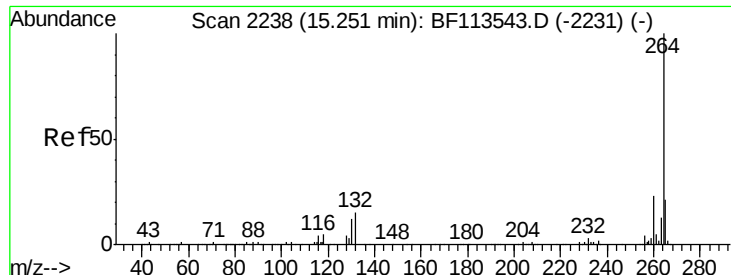


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113665.D
 Acq: 9 Apr 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	290717
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.1 28.7
265	21.1	17.1 25.7

