

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113683.D
 Acq On : 10 Apr 2019 4:06
 Operator : JU/SJ
 Sample : K2338-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 04:58:19 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

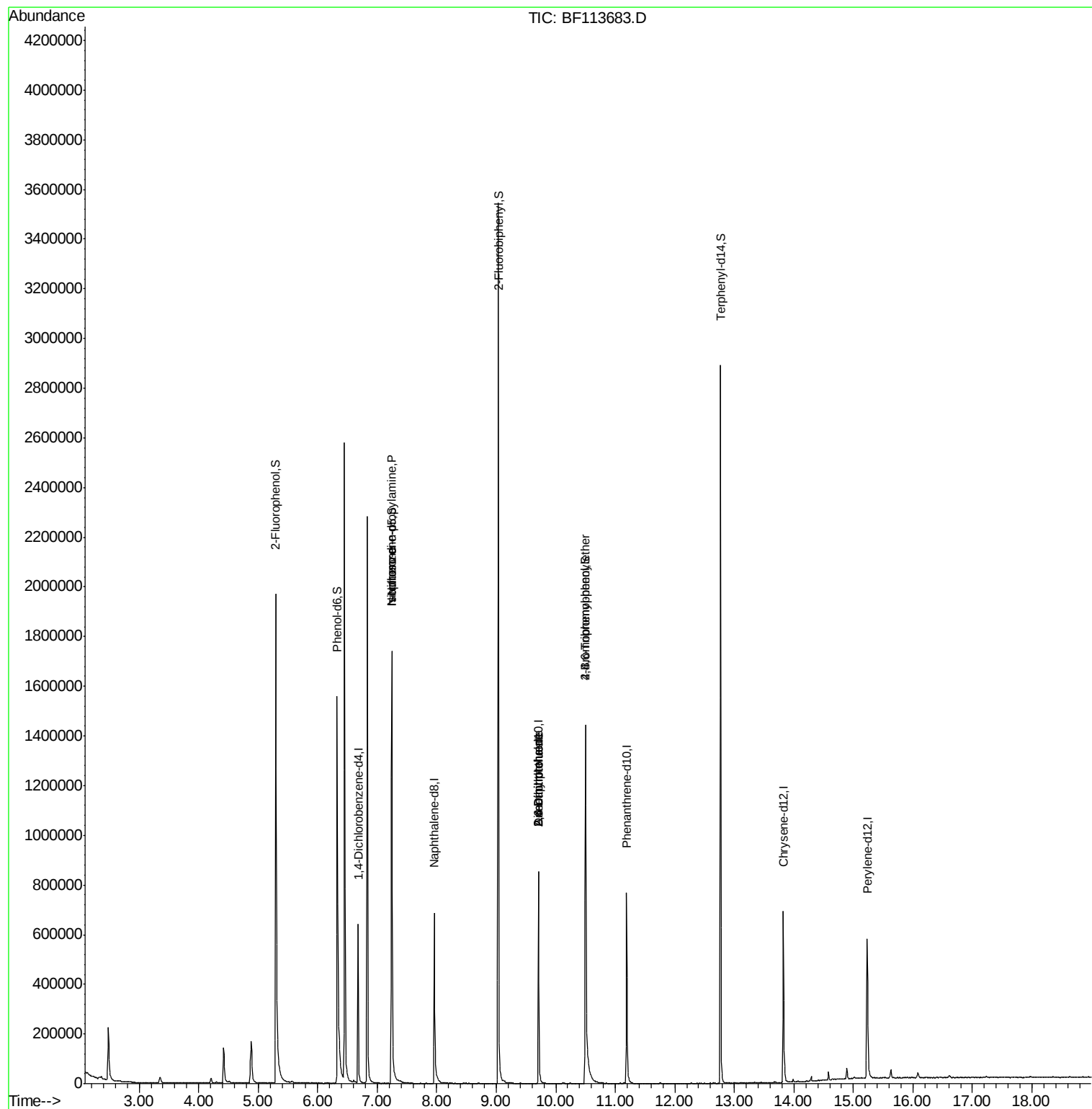
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	113177	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	417695	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	194640	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	361693	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	308733	20.00	ng	-0.02
87) Perylene-d12	15.23	264	298815	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	721993	108.78	ng	0.00
7) Phenol-d6	6.33	99	843166	103.07	ng	-0.01
23) Nitrobenzene-d5	7.25	82	630350	88.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	293507	125.53	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1162514	96.15	ng	-0.02
79) Terphenyl-d14	12.77	244	1152488	76.00	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	78127	15.488	ng	# 77
25) Isophorone	7.25	82	630383	45.890	ng	# 64
50) Dimethylphthalate	9.71	163	46098	3.213	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	24258	7.670	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	24258	6.342	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	16042	3.955	ng	# 1

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

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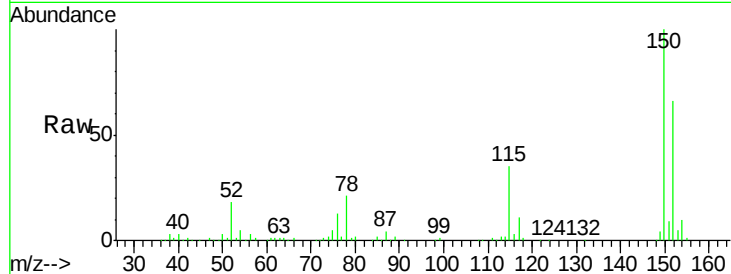


#1

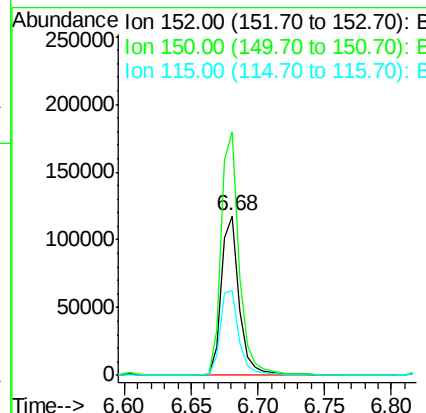
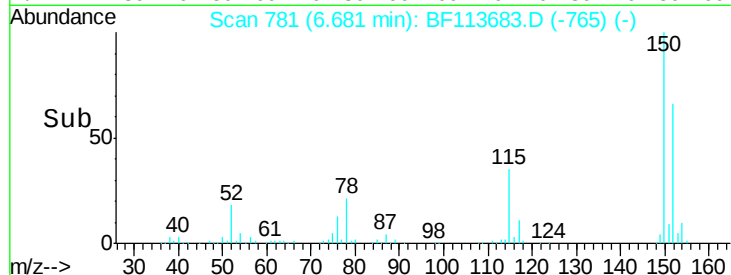
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113683.D
 Acq: 10 Apr 2019 4:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.7	187.1
115	53.2	46.0	69.0



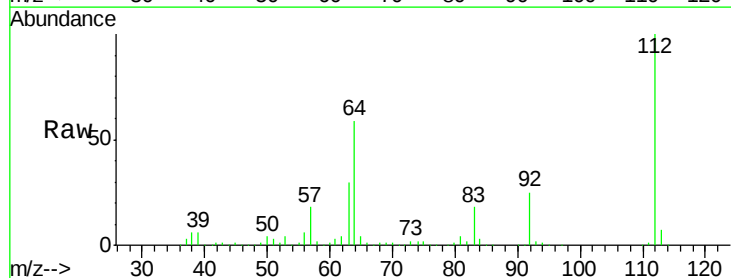
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



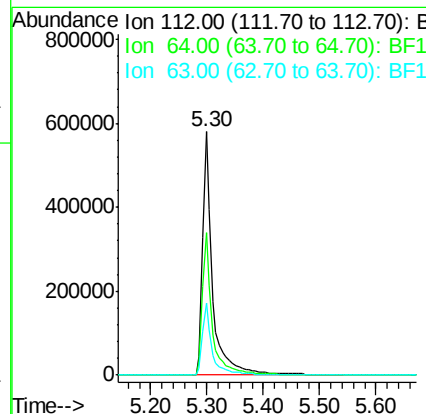
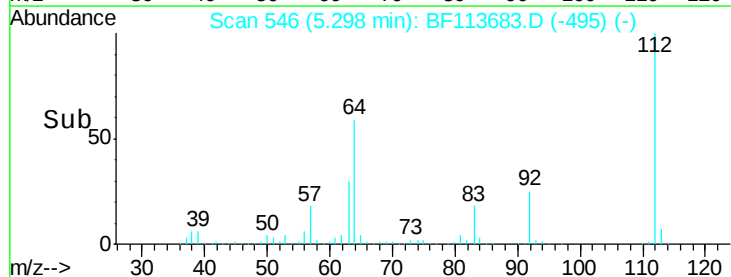
#5

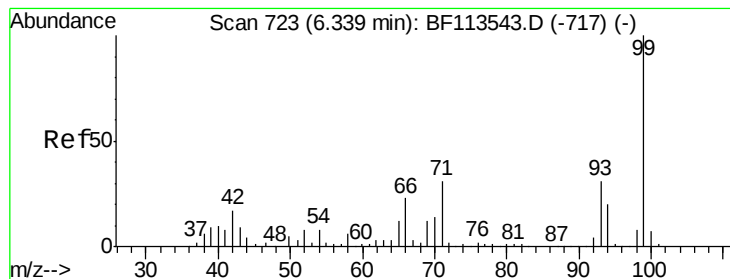
2-Fluorophenol
 Concen: 108.782 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF113683.D
 Acq: 10 Apr 2019 4:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	49.2	73.8
63	29.7	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: 103.074 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113683.D

Acq: 10 Apr 2019 4:06

Instrument :

BNA_F

ClientSampleId :

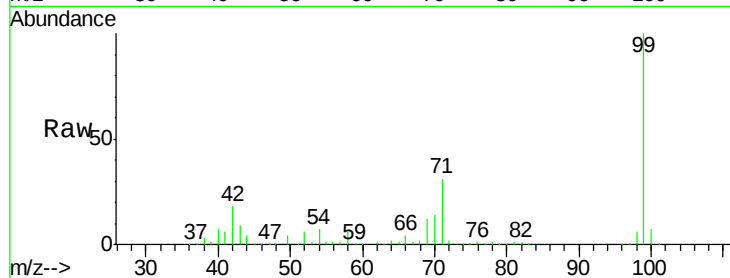
Tot Ion: 99 Resp: 843166

Ion Ratio Lower Upper

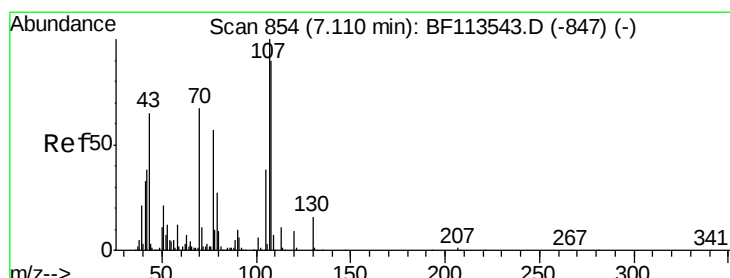
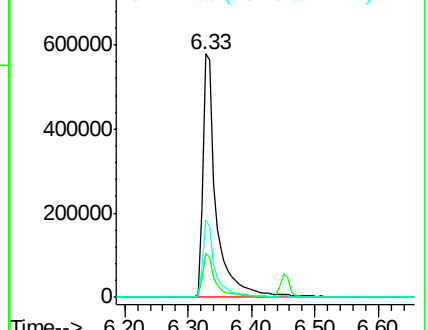
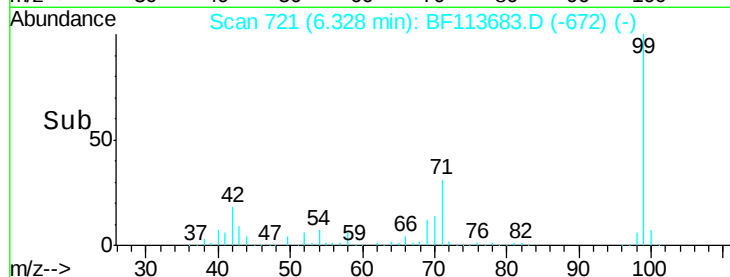
99 100

42 18.2 14.8 22.2

71 31.5 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: 15.488 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113683.D

Acq: 10 Apr 2019 4:06

Tgt Ion: 70 Resp: 78127

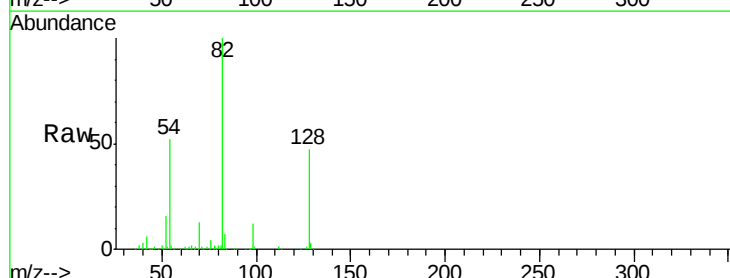
Ion Ratio Lower Upper

70 100

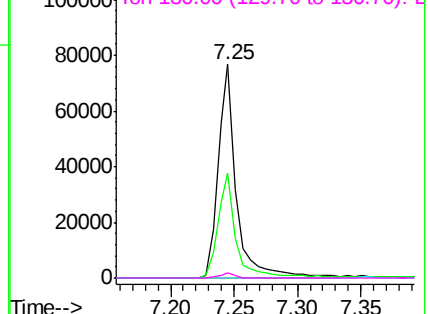
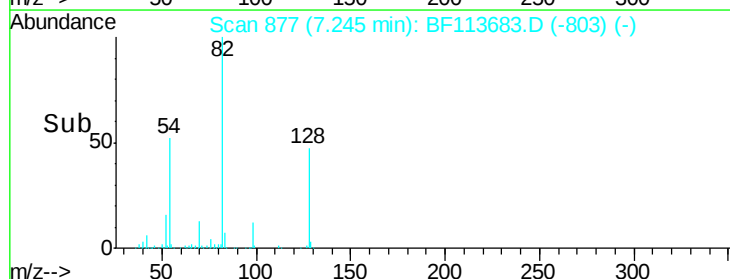
42 48.9 48.4 72.6

101 0.0 7.8 11.8#

130 2.6 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: BF113683.D

Acq: 10 Apr 2019 4:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 417695

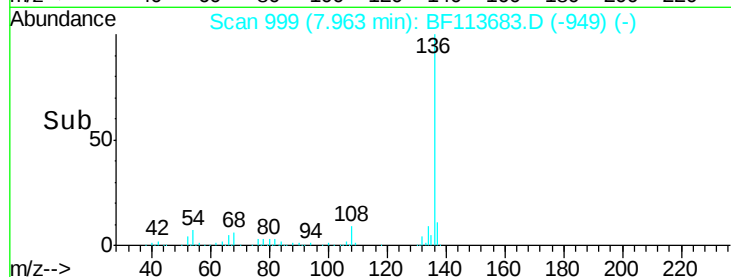
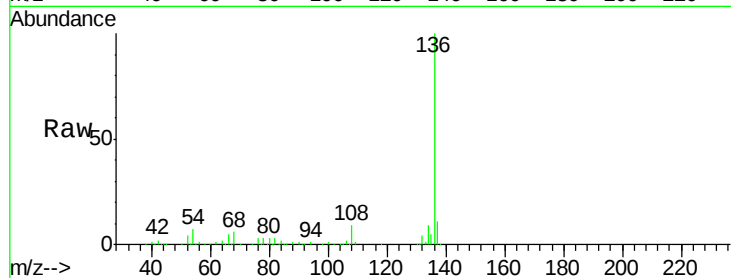
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.3 7.0 10.6

68 5.7 4.8 7.2

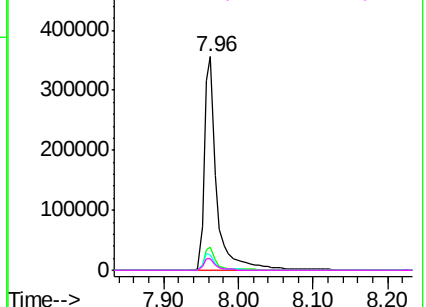


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.397 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113683.D

Acq: 10 Apr 2019 4:06

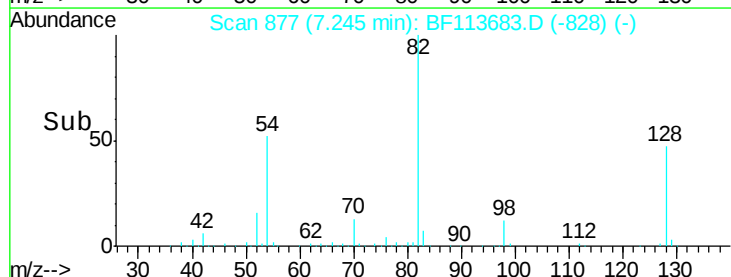
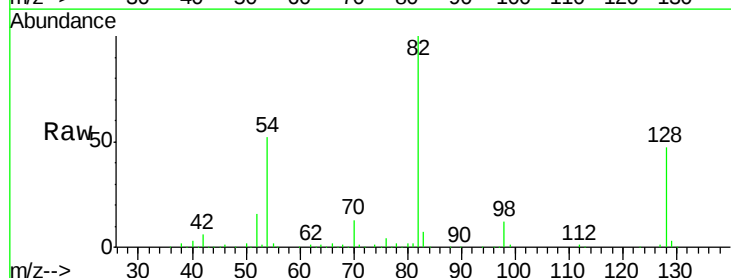
Tgt Ion: 82 Resp: 630350

Ion Ratio Lower Upper

82 100

128 46.8 36.5 54.7

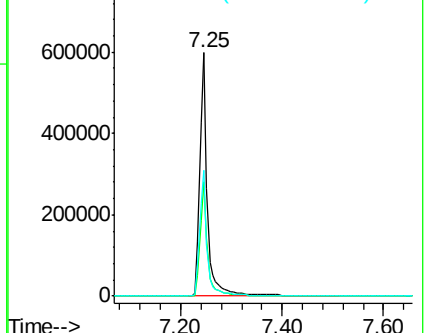
54 51.8 42.2 63.2

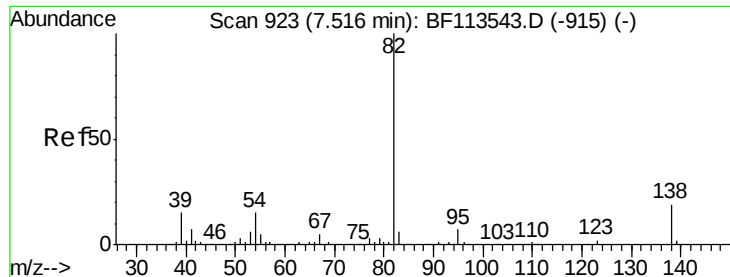


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.890 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113683.D

Acq: 10 Apr 2019 4:06

Instrument :

BNA_F

ClientSampleId :

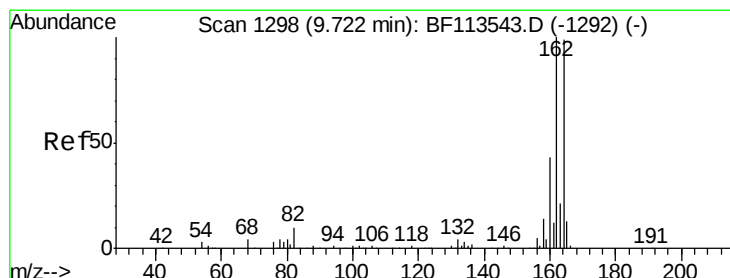
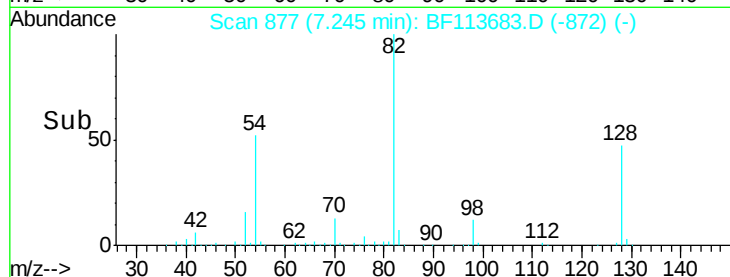
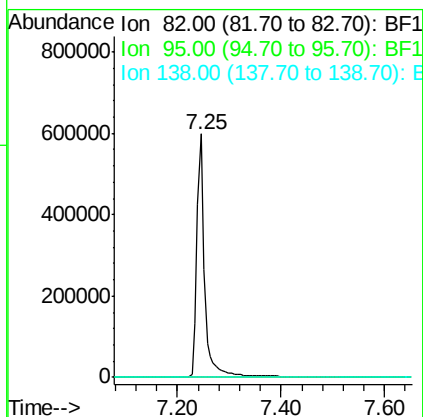
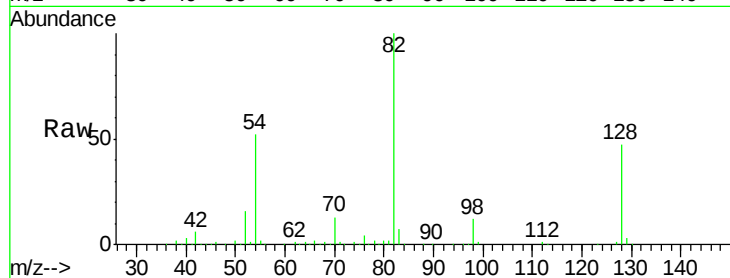
Tot Ion: 82 Resp: 630383

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: BF113683.D

Acq: 10 Apr 2019 4:06

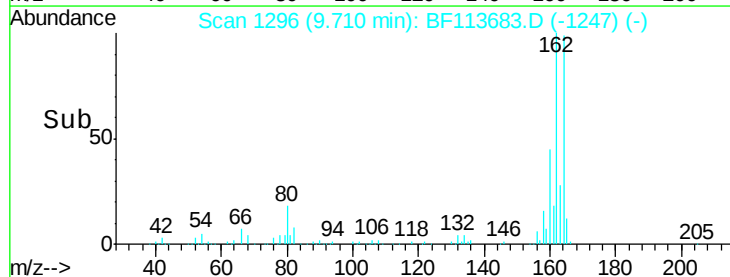
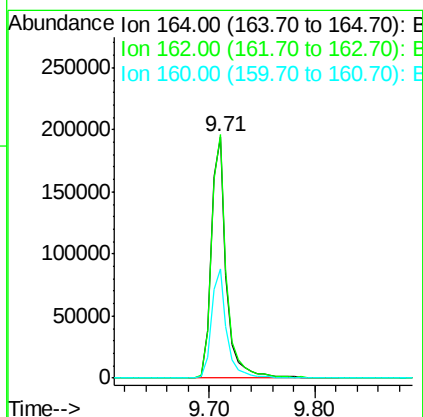
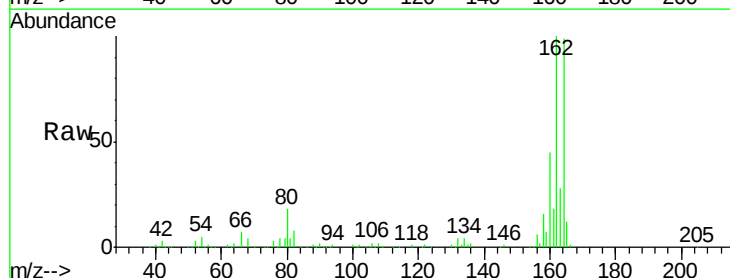
Tgt Ion: 164 Resp: 194640

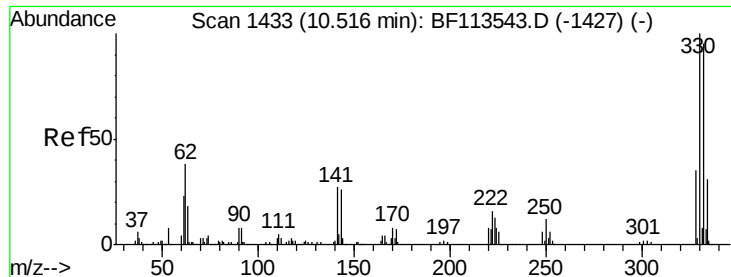
Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

160 45.4 36.4 54.6

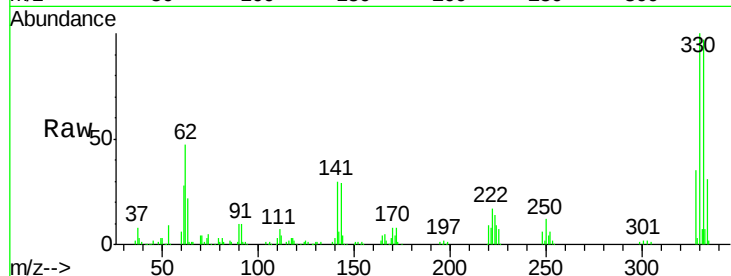




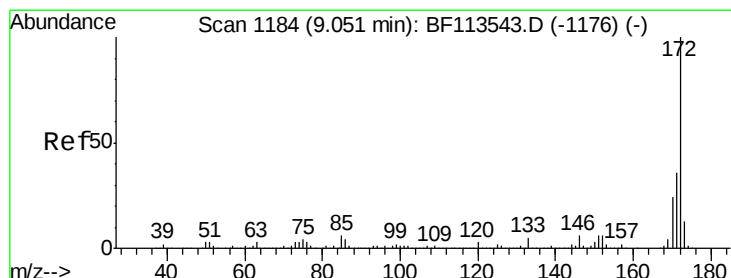
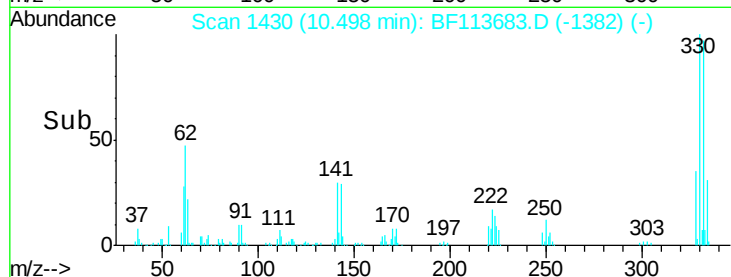
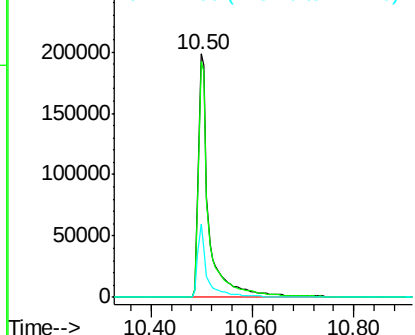
#42
 2,4,6-Tribromophenol
 Concen: 125.532 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113683.D
 Acq: 10 Apr 2019 4:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.6
141	26.9	22.7	34.1

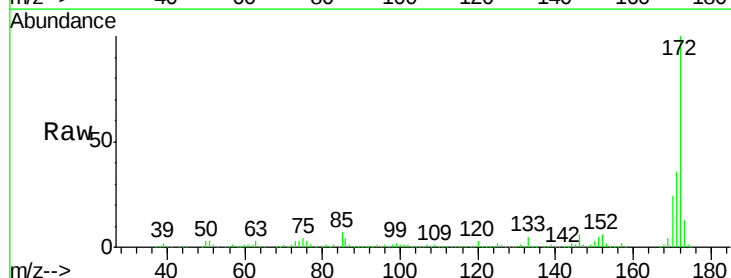


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

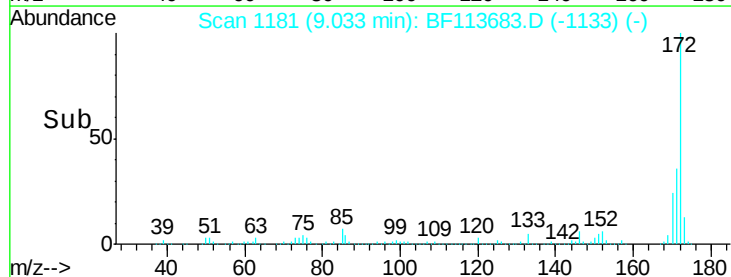
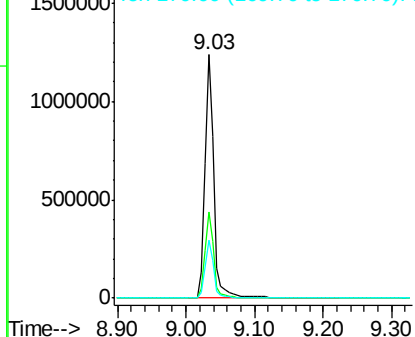


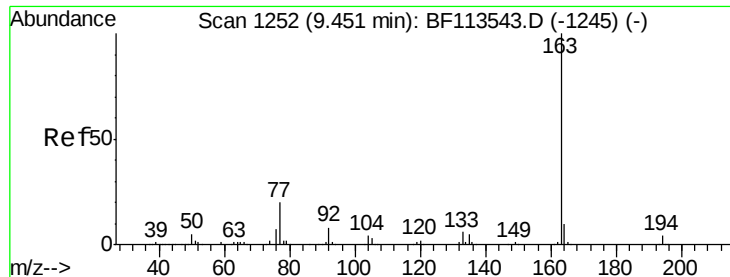
#45
 2-Fluorobiphenyl
 Concen: 96.153 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113683.D
 Acq: 10 Apr 2019 4:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.7	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: 3.213 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.26 min

Lab File: BF113683.D

Acq: 10 Apr 2019 4:06

Instrument :

BNA_F

ClientSampleId :

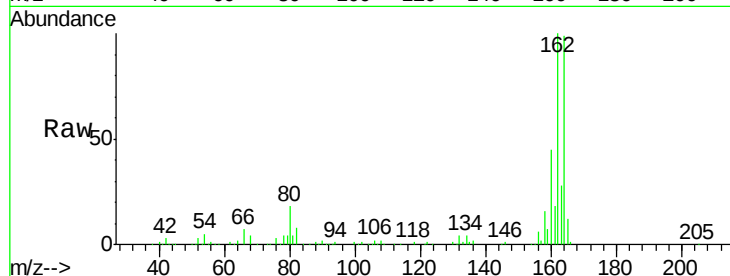
Tot Ion:163 Resp: 46098

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

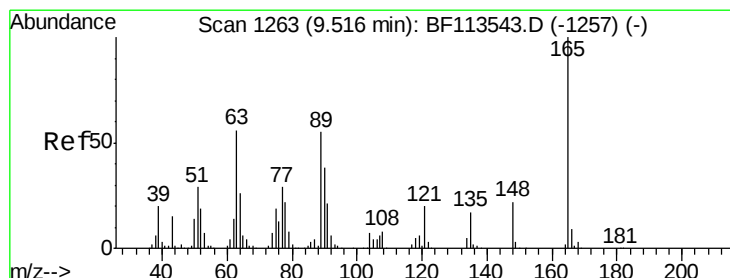
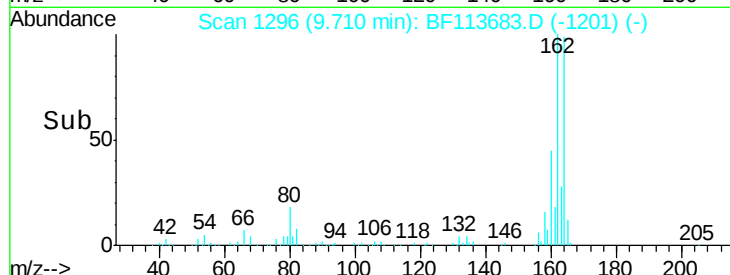
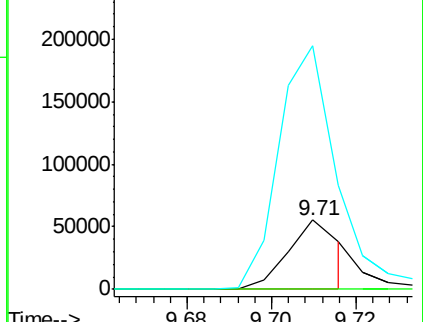
164 351.4 8.1 12.1#



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: 7.670 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.19 min

Lab File: BF113683.D

Acq: 10 Apr 2019 4:06

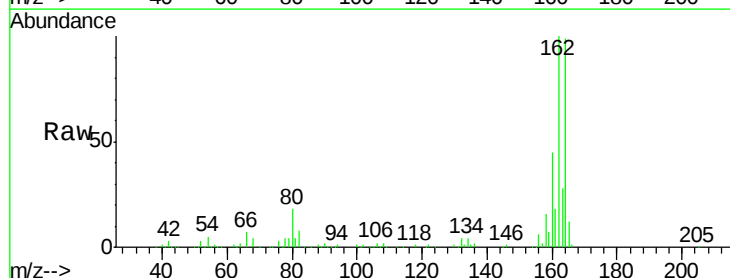
Tgt Ion:165 Resp: 24258

Ion Ratio Lower Upper

165 100

63 1.2 43.4 65.0#

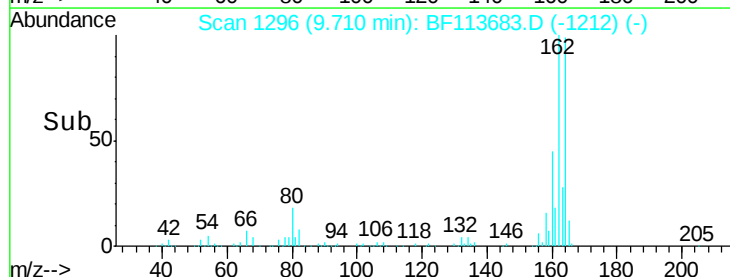
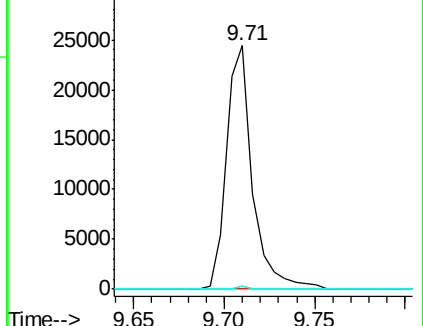
89 1.4 43.1 64.7#

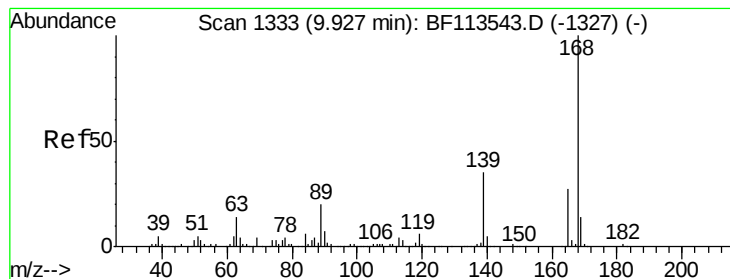


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.342 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113683.D

Acq: 10 Apr 2019 4:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 24258

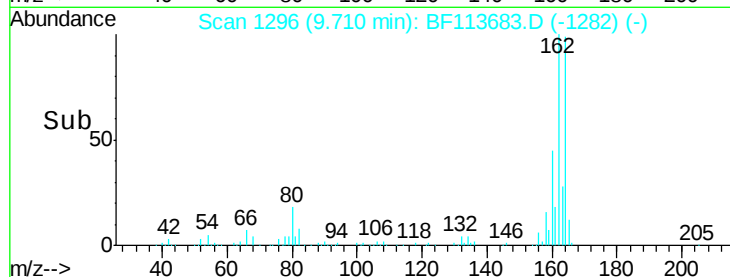
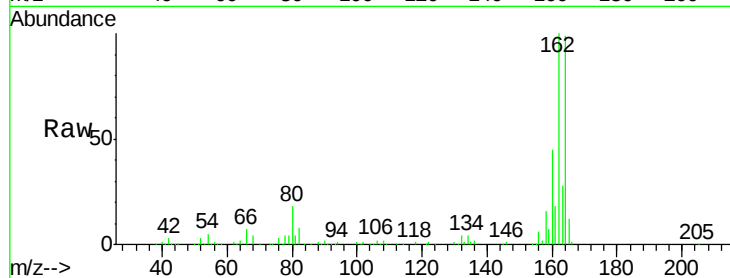
Ion Ratio Lower Upper

165 100

63 1.2 37.5 56.3#

89 1.4 57.4 86.2#

182 0.0 2.0 3.0#

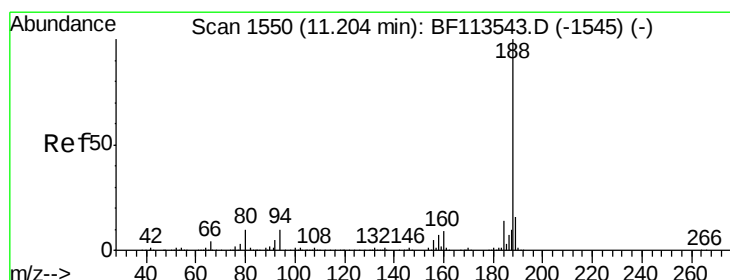
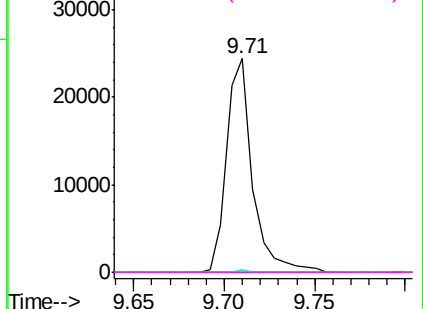


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF113683.D

Acq: 10 Apr 2019 4:06

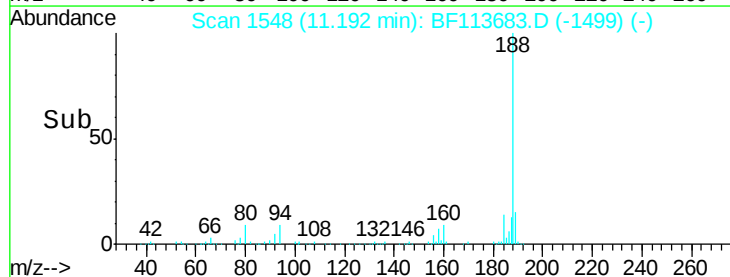
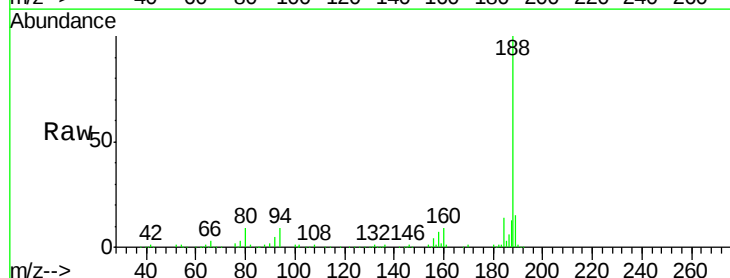
Tgt Ion:188 Resp: 361693

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

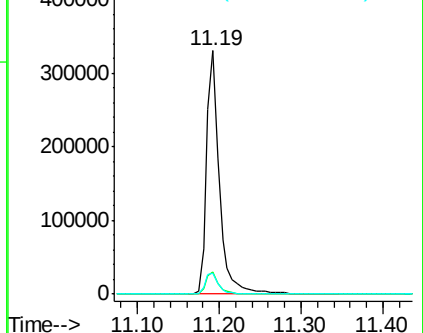
80 8.8 7.7 11.5

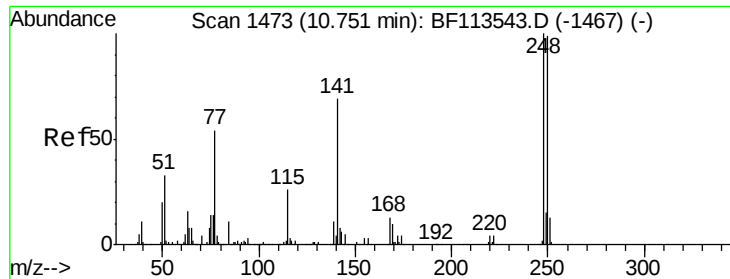


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

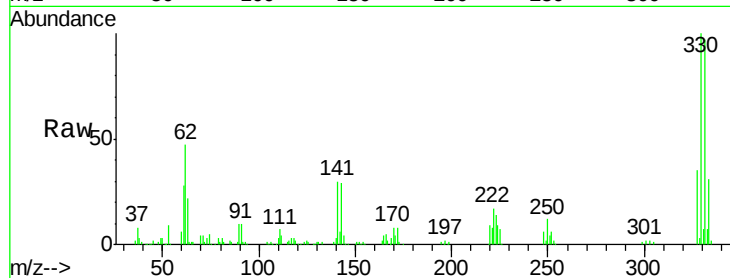




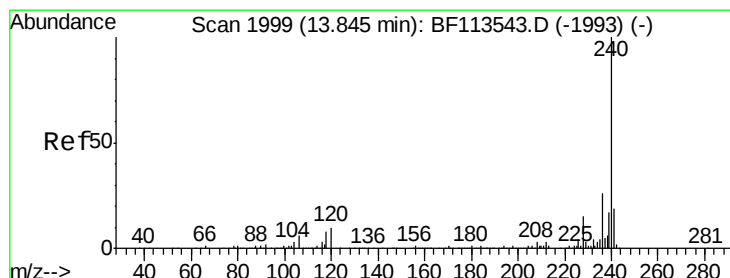
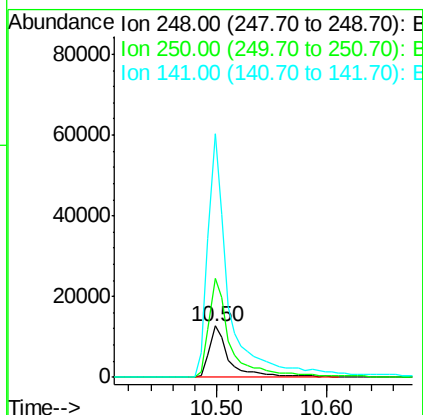
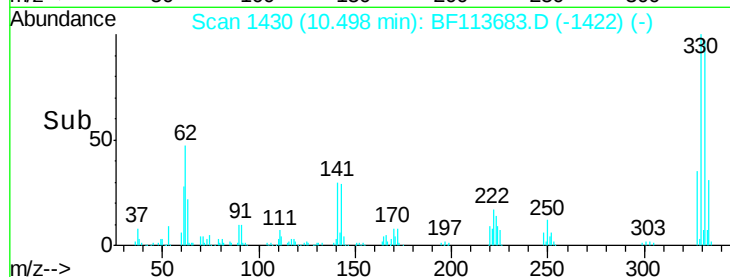
#67
4-Bromophenyl-phenylether
Concen: 3.955 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113683.D
Acq: 10 Apr 2019 4:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16042
Ion Ratio Lower Upper
248 100
250 192.1 78.3 117.5#
141 474.8 56.2 84.4#

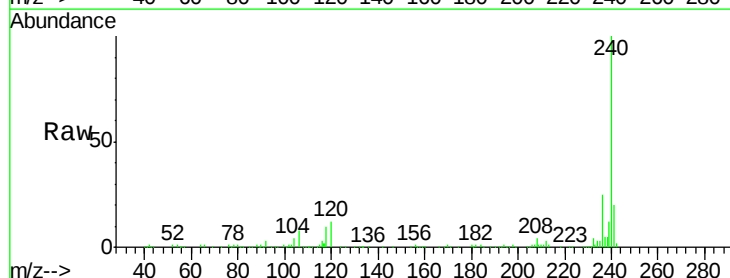


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

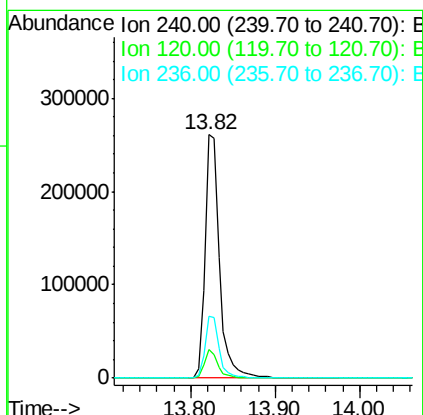
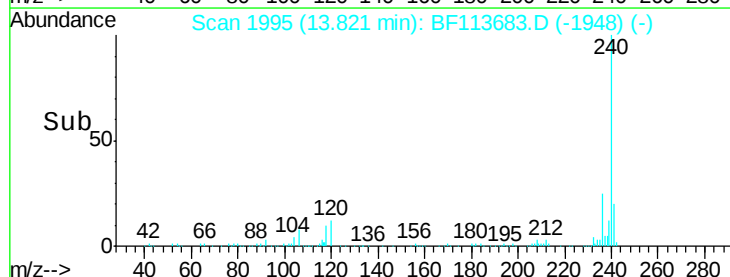


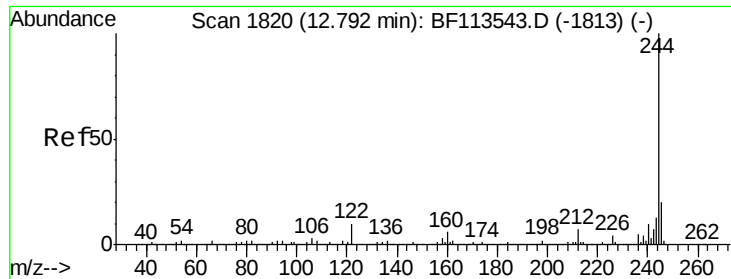
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113683.D
Acq: 10 Apr 2019 4:06

Tgt Ion:240 Resp: 308733
Ion Ratio Lower Upper
240 100
120 11.8 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

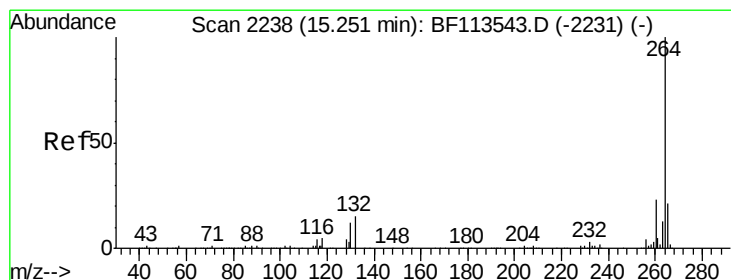
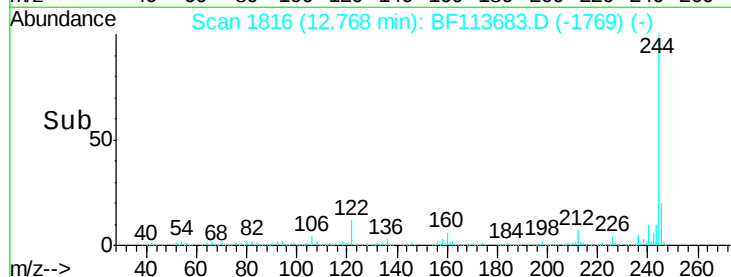
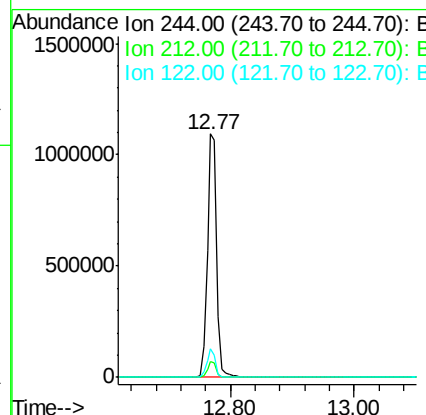
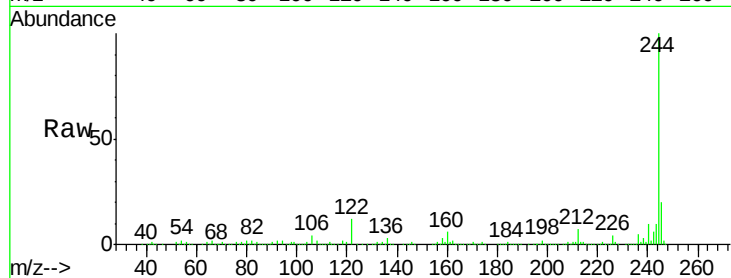




#79
 Terphenyl-d14
 Concen: 76.004 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113683.D
 Acq: 10 Apr 2019 4:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1152488
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.5 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113683.D
 Acq: 10 Apr 2019 4:06

Tgt Ion:264 Resp: 298815
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.1 28.7
 265 21.1 17.1 25.7

