

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041619\
 Data File : BF113793.D
 Acq On : 16 Apr 2019 14:58
 Operator : JU/SJ
 Sample : K2417-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 17:30:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 16 17:22:45 2019
 Response via : Initial Calibration

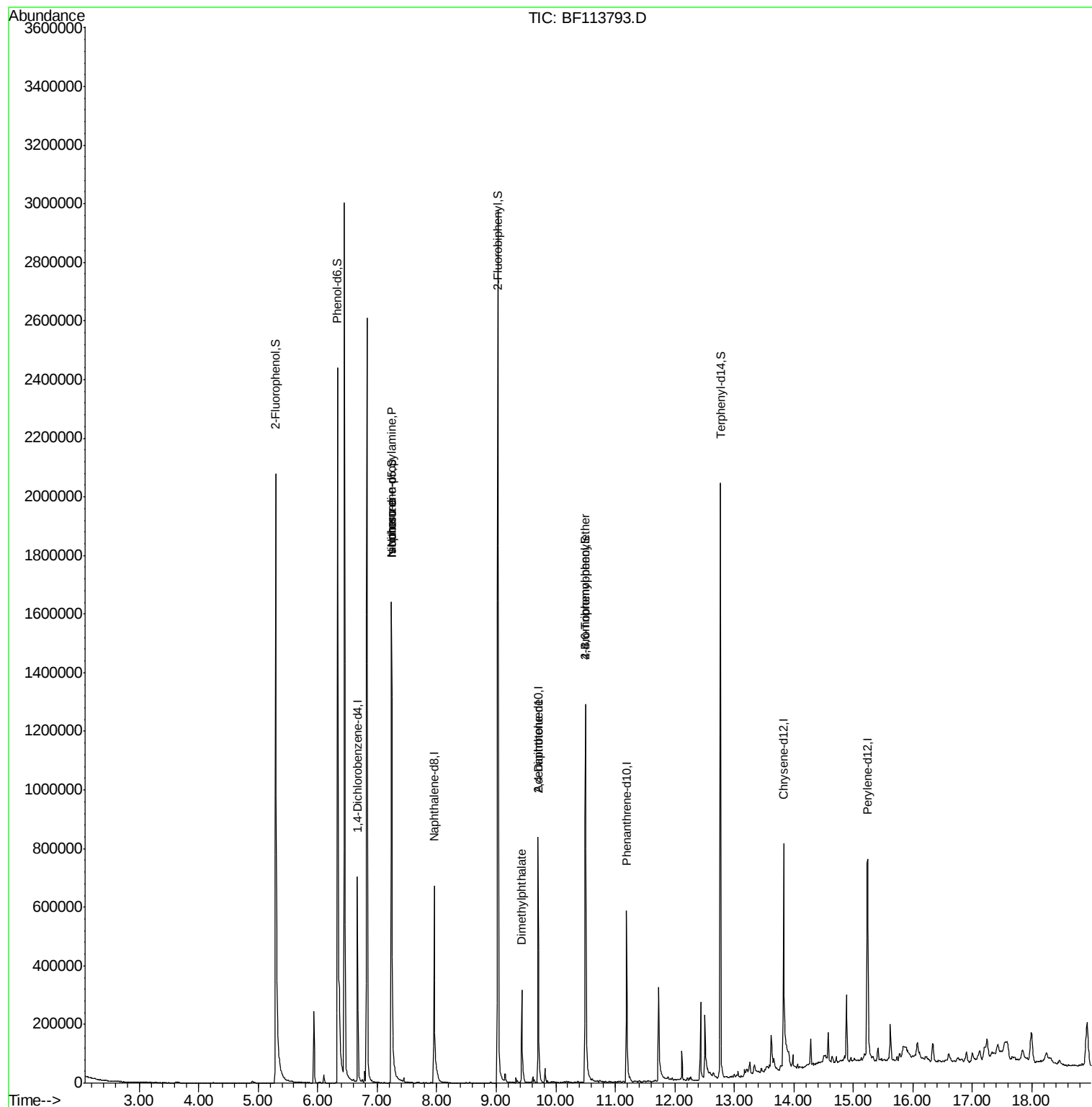
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	122519	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	429449	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	176196	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	293461	20.00	ng	0.00
76) Chrysene-d12	13.83	240	285152	20.00	ng	0.00
87) Perylene-d12	15.24	264	343417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	887572	123.53	ng	0.00
7) Phenol-d6	6.33	99	1135659	128.24	ng	0.00
23) Nitrobenzene-d5	7.24	82	669999	91.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	220302	104.09	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1005663	91.89	ng	0.00
79) Terphenyl-d14	12.77	244	767443	54.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	83738	15.335	ng	# 77
25) Isophorone	7.24	82	658190	46.603	ng	# 64
50) Dimethylphthalate	9.43	163	166984	12.857	ng	99
57) 2,4-Dinitrotoluene	9.70	165	22186	6.408	ng	# 28
67) 4-Bromophenyl-phenylether	10.50	248	12138	3.688	ng	# 1

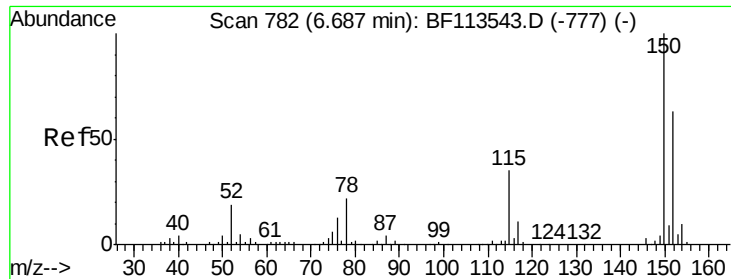
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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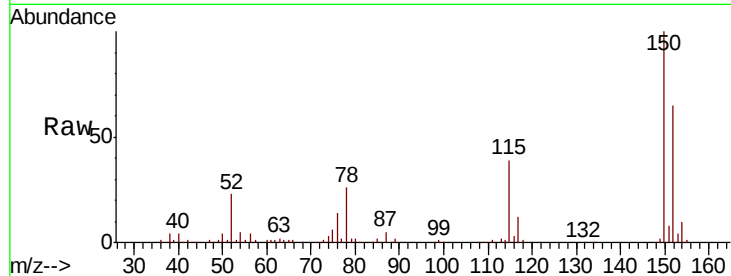


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF113793.D
Acq: 16 Apr 2019 14:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.1	187.7
115	58.9	43.9	65.9

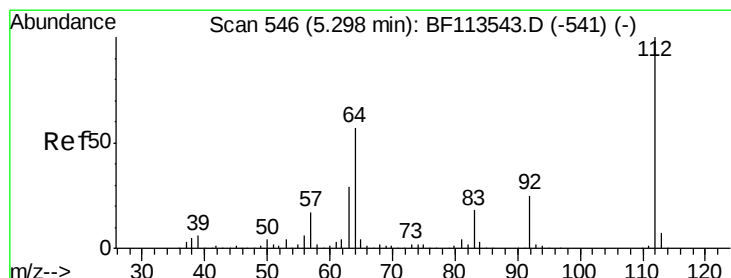
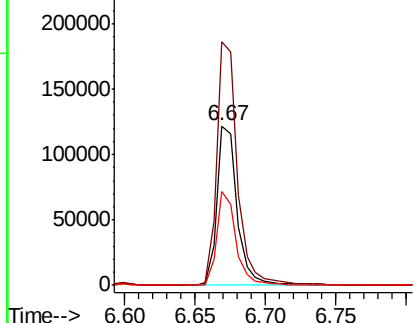
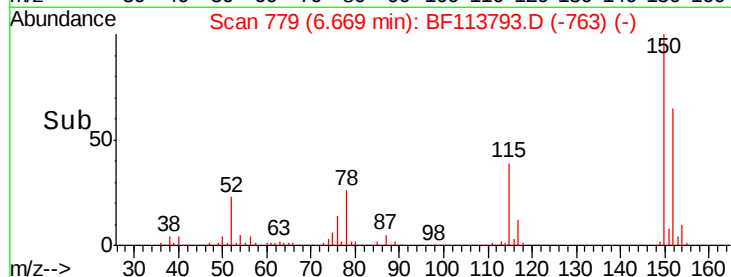


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

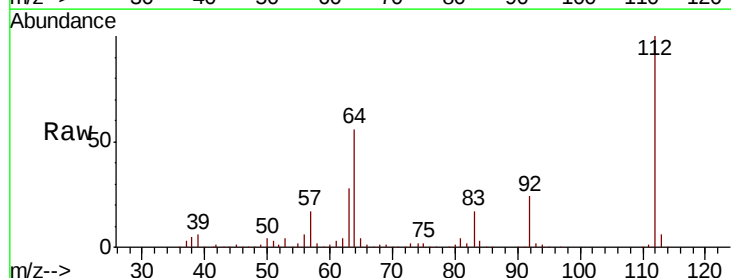
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.533 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF113793.D
Acq: 16 Apr 2019 14:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	49.0	73.4
63	27.8	24.2	36.4

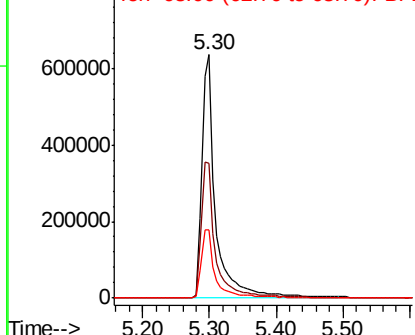
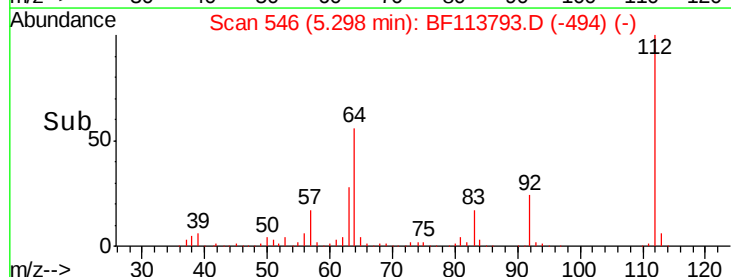


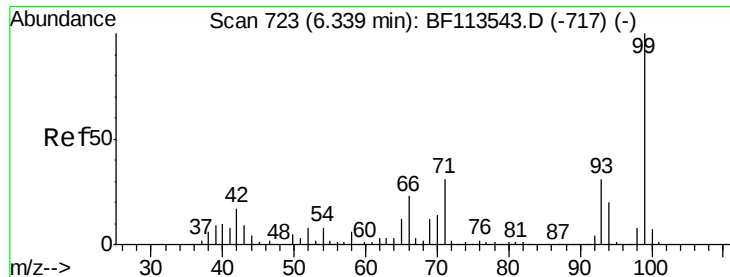
Abundance

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: 128.244 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113793.D

Acq: 16 Apr 2019 14:58

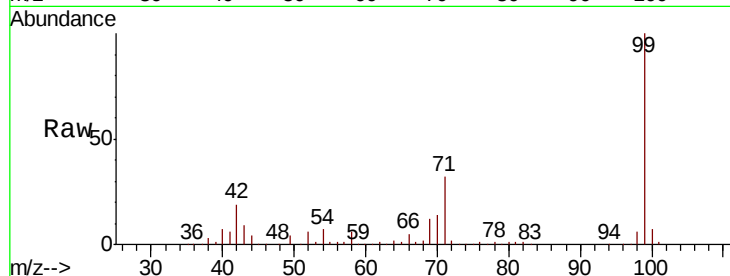
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1135659

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.2	22.8
71	32.2	25.4	38.2

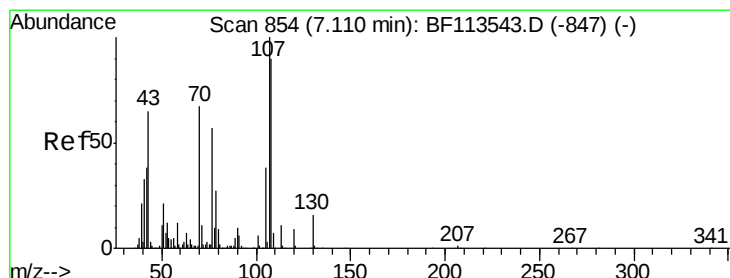
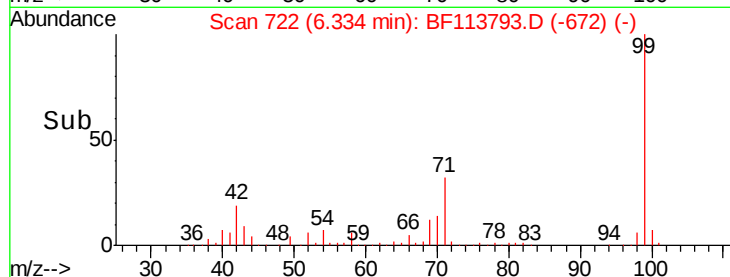
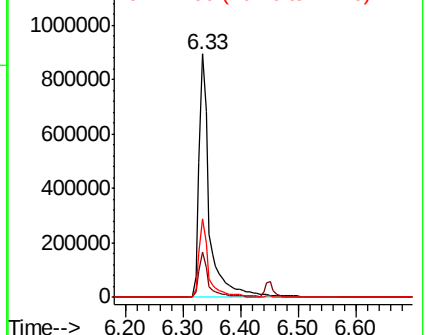


Abundance

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: 15.335 ng

RT: 7.24 min Scan# 876

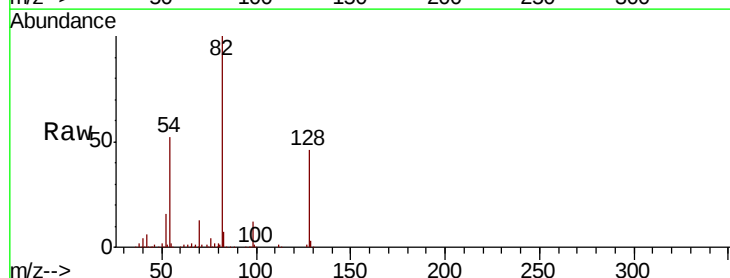
Delta R.T. 0.14 min

Lab File: BF113793.D

Acq: 16 Apr 2019 14:58

Tgt Ion: 70 Resp: 83738

Ion	Ratio	Lower	Upper
70	100		
42	48.8	49.0	73.6#
101	0.0	7.8	11.6#
130	2.6	17.8	26.6#



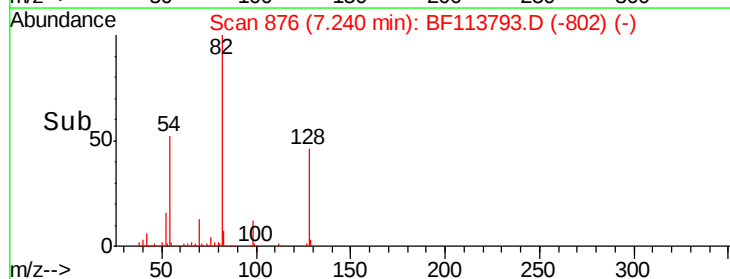
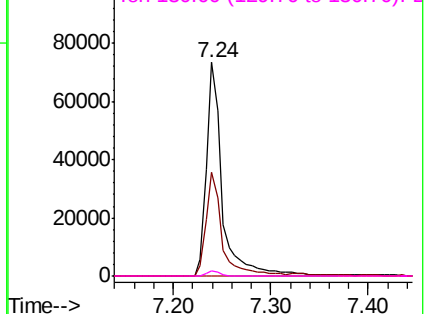
Abundance

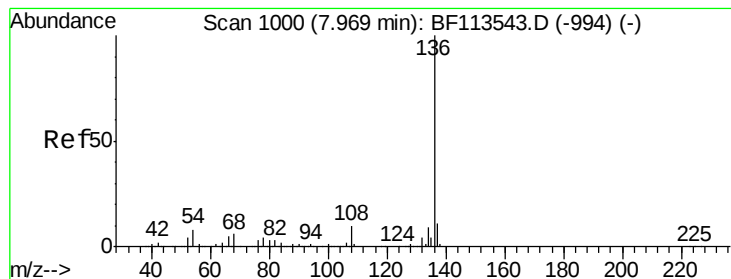
Ion 70.00 (69.70 to 70.70): BF1

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# 998

Delta R.T. 0.00 min

Lab File: BF113793.D

Acq: 16 Apr 2019 14:58

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 429449

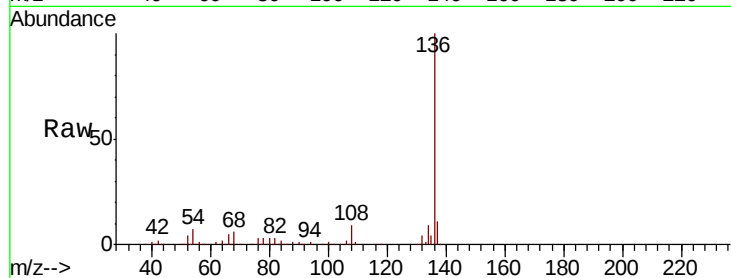
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.2 6.4 9.6

68 5.5 4.6 7.0

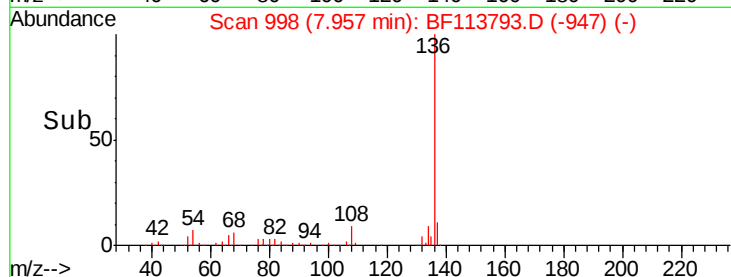


Abundance Ion 136.00 (135.70 to 136.70): E

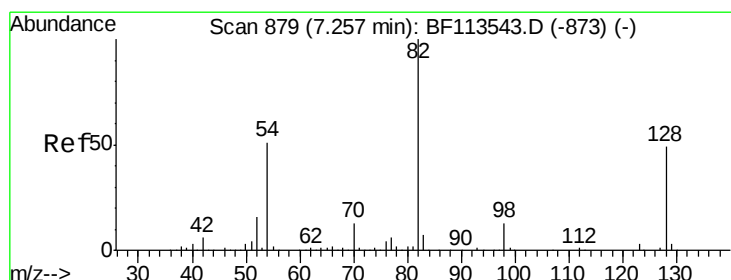
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 91.385 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF113793.D

Acq: 16 Apr 2019 14:58

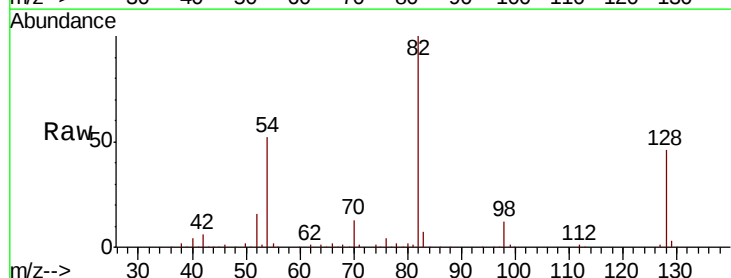
Tgt Ion: 82 Resp: 669999

Ion Ratio Lower Upper

82 100

128 45.8 38.2 57.2

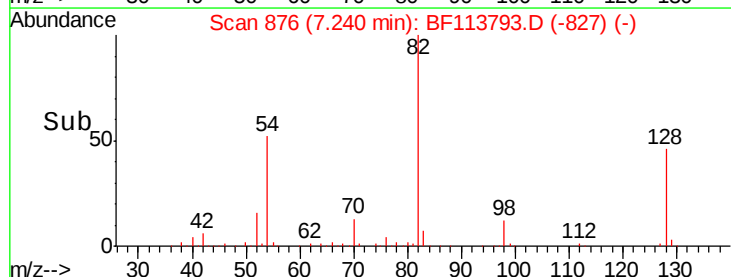
54 51.7 41.0 61.4



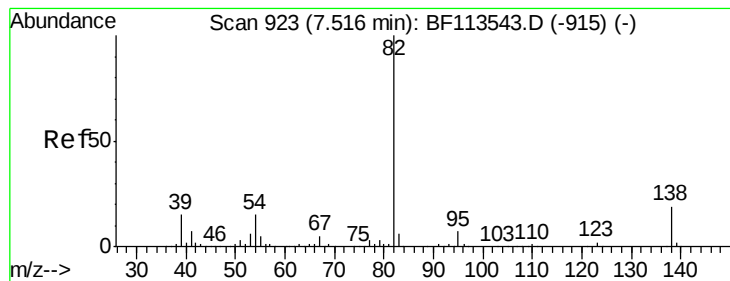
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#25

Isophorone

Concen: 46.603 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.27 min

Lab File: BF113793.D

Acq: 16 Apr 2019 14:58

Instrument :

BNA_F

ClientSampleId :

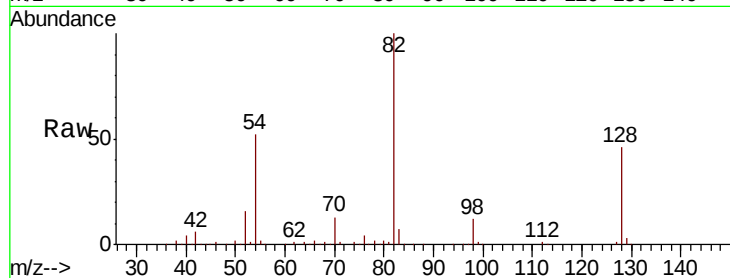
Tot Ion: 82 Resp: 658190

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

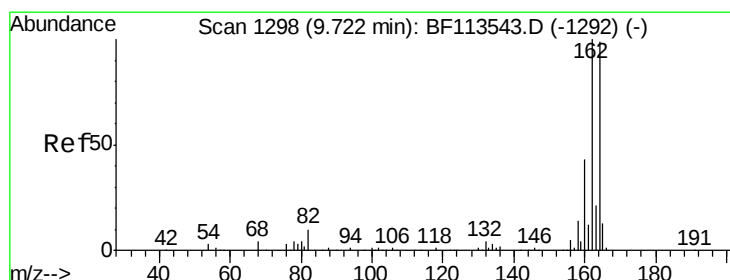
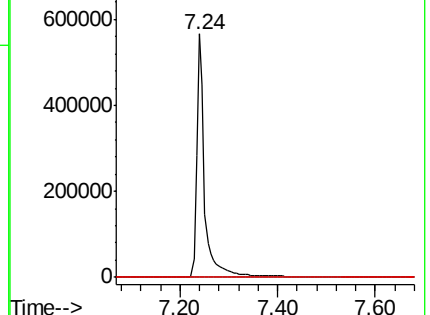
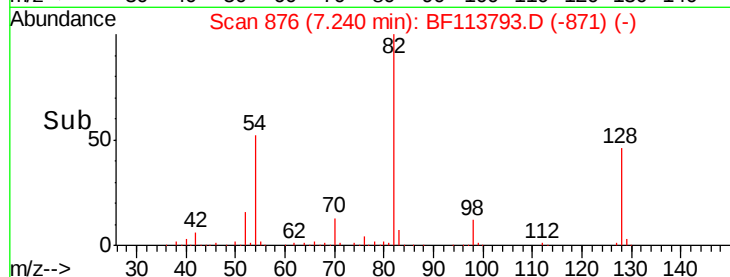
138 0.0 15.1 22.7#



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: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF113793.D

Acq: 16 Apr 2019 14:58

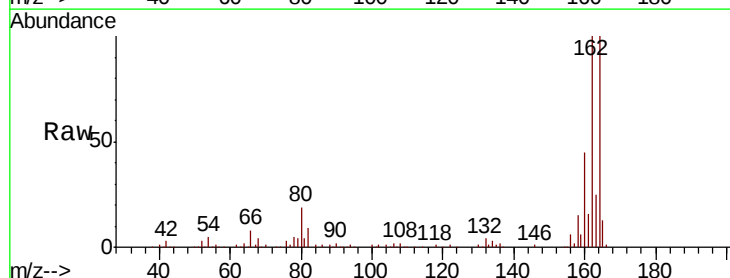
Tgt Ion: 164 Resp: 176196

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

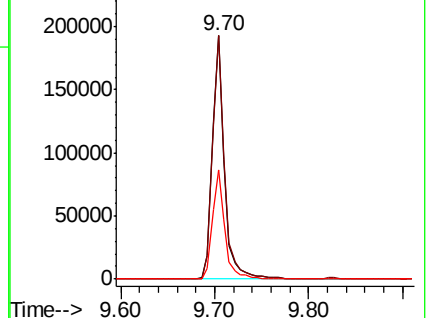
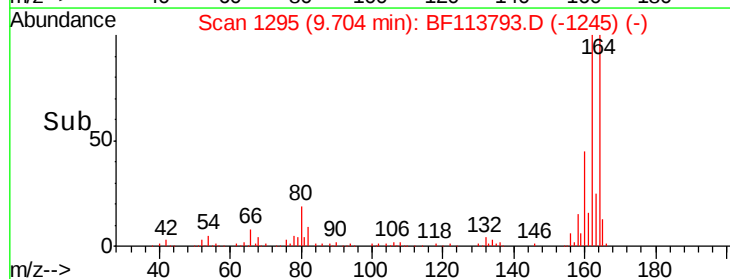
160 44.7 35.8 53.6

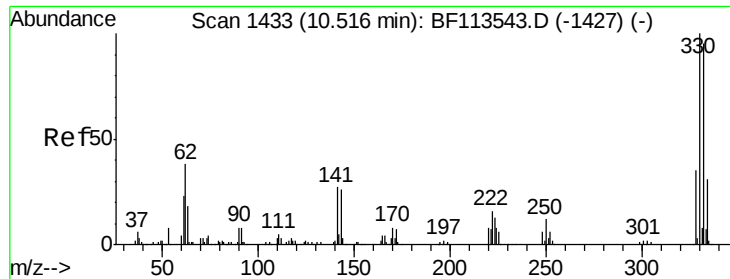


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

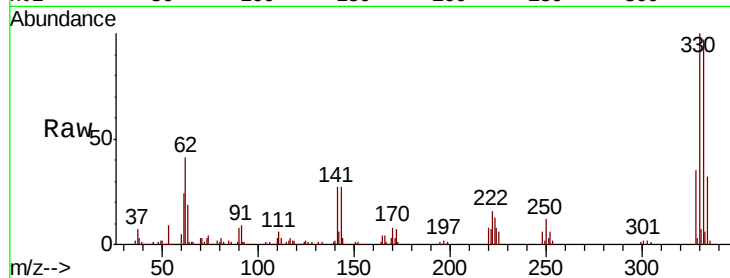




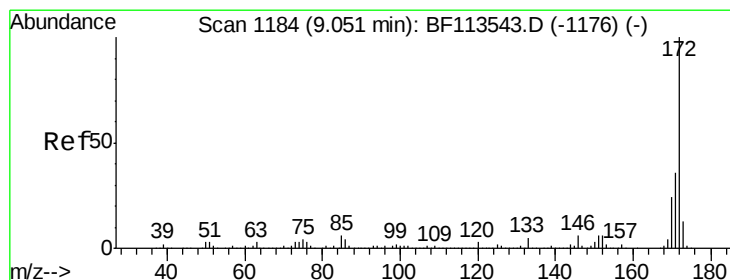
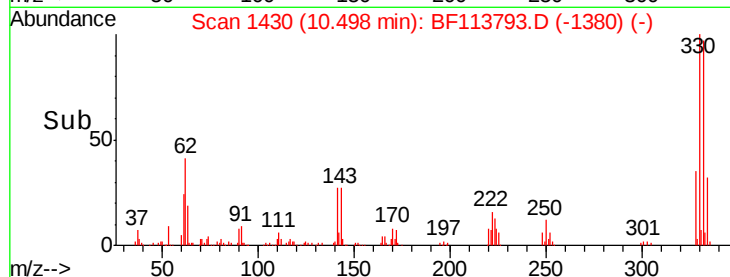
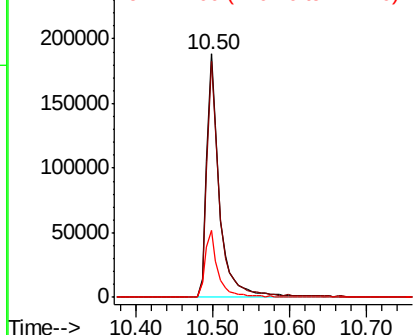
#42
 2,4,6-Tribromophenol
 Concen: 104.086 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF113793.D
 Acq: 16 Apr 2019 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 220302
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.8 115.2
 141 27.9 21.0 31.4

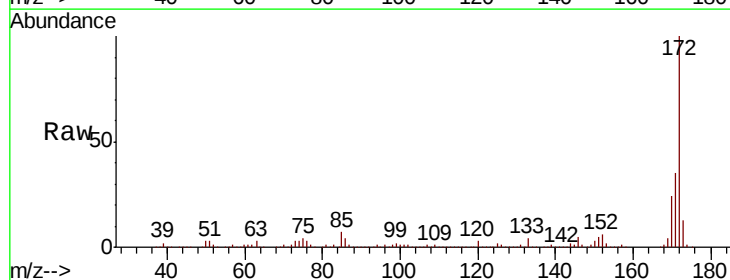


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

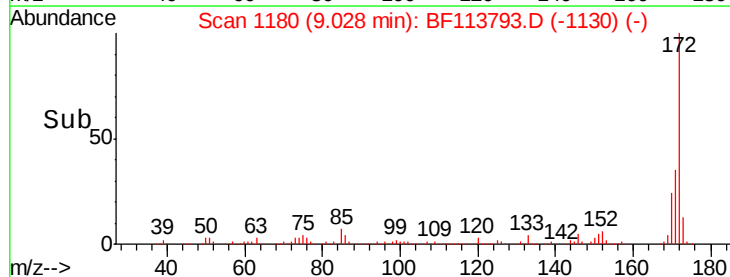
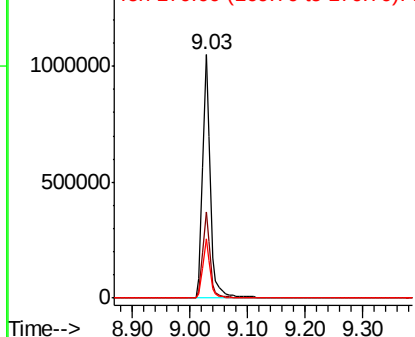


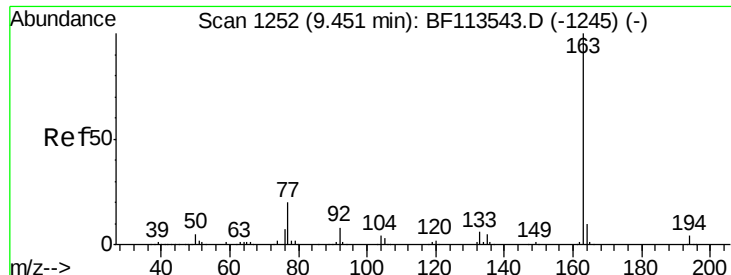
#45
 2-Fluorobiphenyl
 Concen: 91.887 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF113793.D
 Acq: 16 Apr 2019 14:58

Tgt Ion:172 Resp: 1005663
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.3 43.9
 170 24.1 19.6 29.4



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: 12.857 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF113793.D

Acq: 16 Apr 2019 14:58

Instrument :

BNA_F

ClientSampleId :

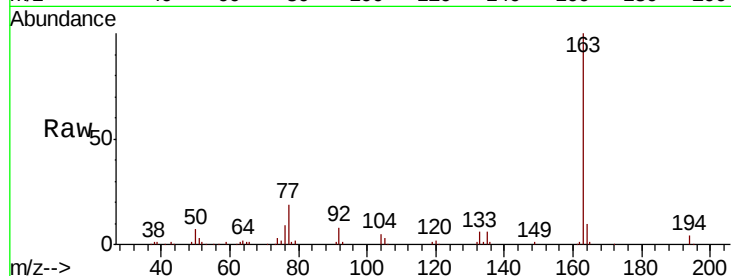
Tot Ion:163 Resp: 166984

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

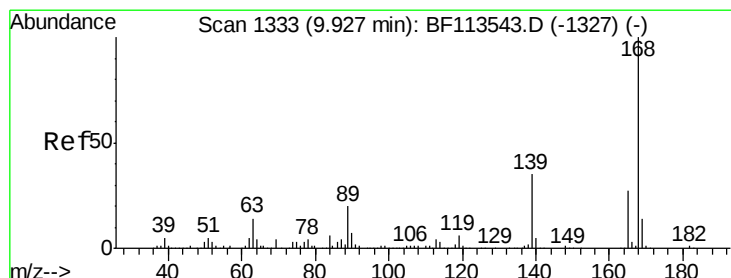
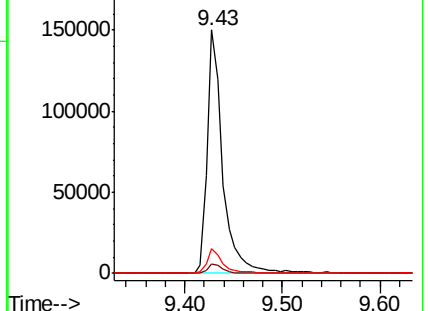
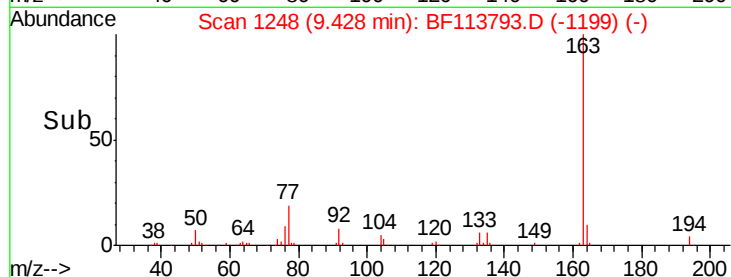
164 10.1 8.3 12.5



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: 6.408 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.22 min

Lab File: BF113793.D

Acq: 16 Apr 2019 14:58

Tgt Ion:165 Resp: 22186

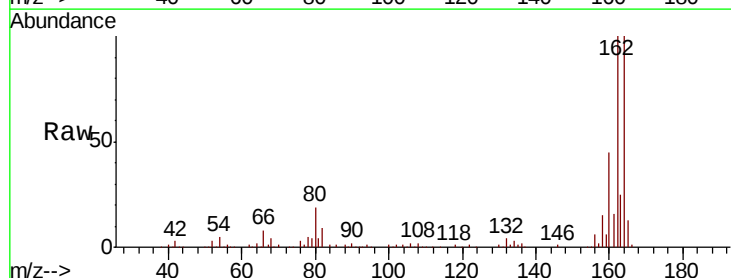
Ion Ratio Lower Upper

165 100

63 1.2 32.2 48.2#

89 1.2 51.3 76.9#

182 0.0 2.0 3.0#

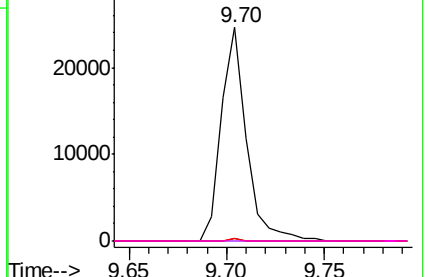
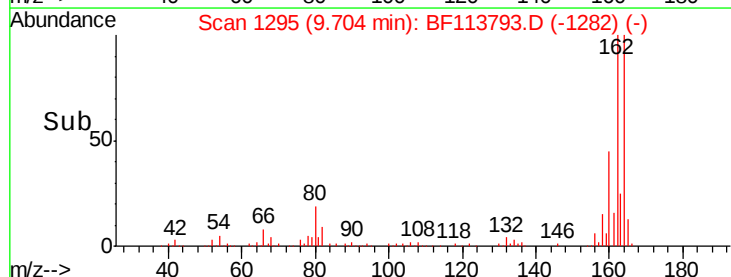


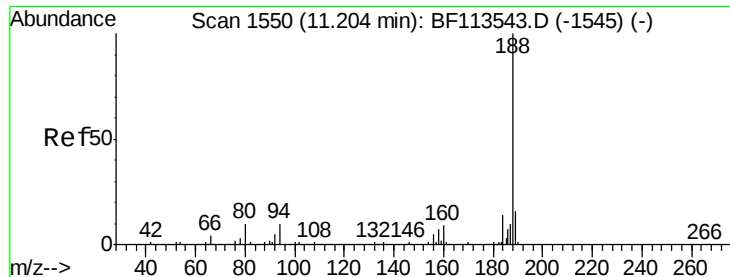
Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.01 min

Lab File: BF113793.D

Acq: 16 Apr 2019 14:58

Instrument :

BNA_F

ClientSampleId :

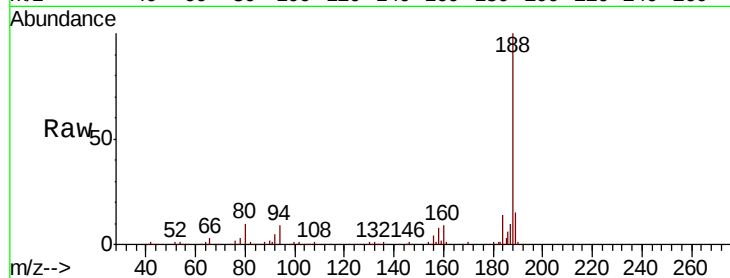
Tot Ion:188 Resp: 293461

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

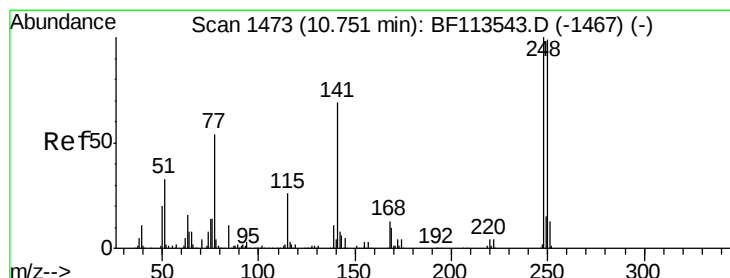
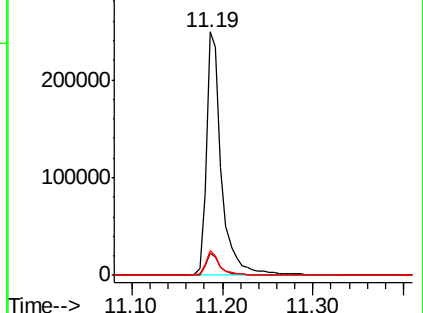
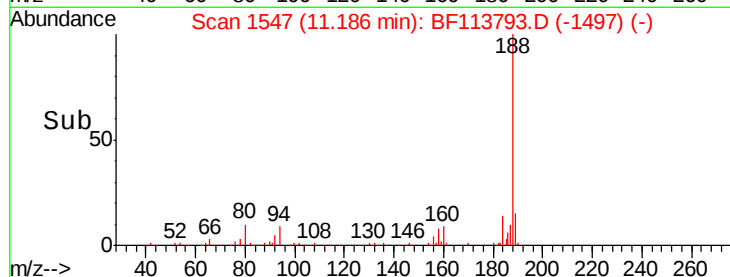
80 10.0 7.4 11.2



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: 3.688 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.24 min

Lab File: BF113793.D

Acq: 16 Apr 2019 14:58

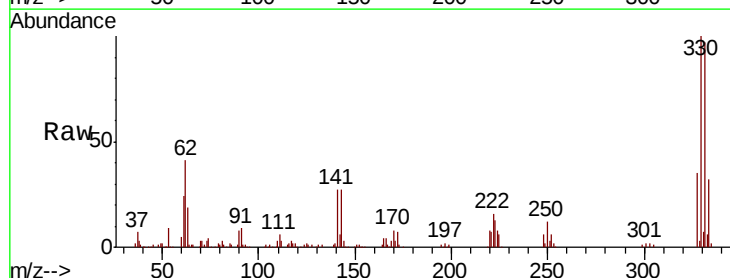
Tgt Ion:248 Resp: 12138

Ion Ratio Lower Upper

248 100

250 202.3 77.8 116.6#

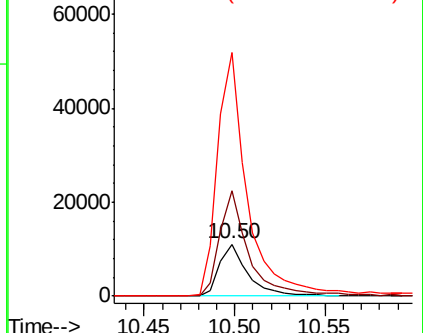
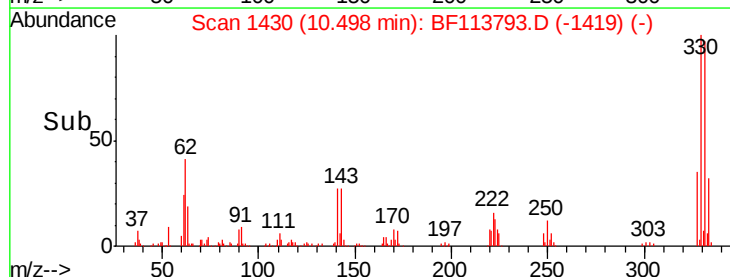
141 467.4 55.3 82.9#

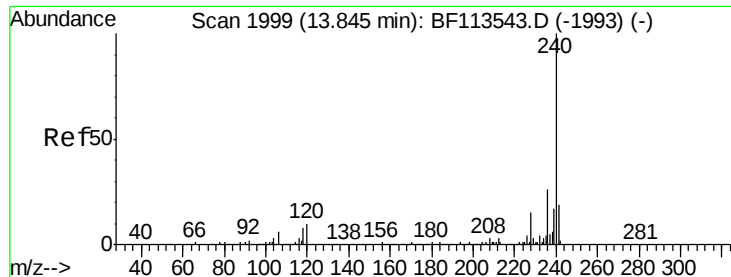


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113793.D

Acq: 16 Apr 2019 14:58

Instrument :

BNA_F

ClientSampleId :

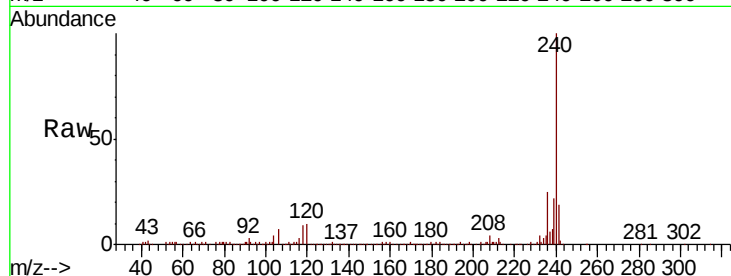
Tot Ion:240 Resp: 285152

Ion Ratio Lower Upper

240 100

120 9.7 8.5 12.7

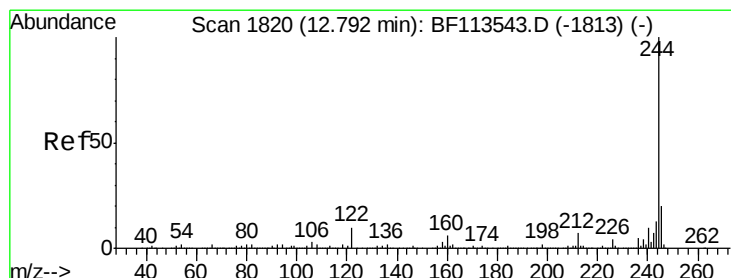
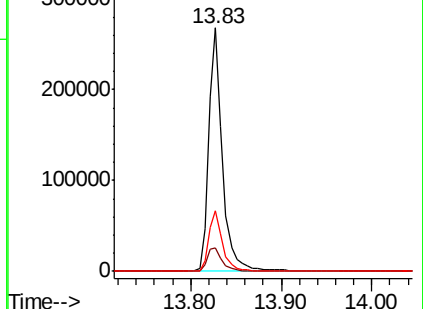
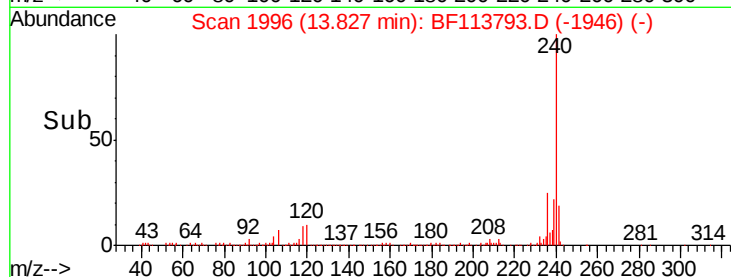
236 25.1 21.0 31.6



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: 54.796 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF113793.D

Acq: 16 Apr 2019 14:58

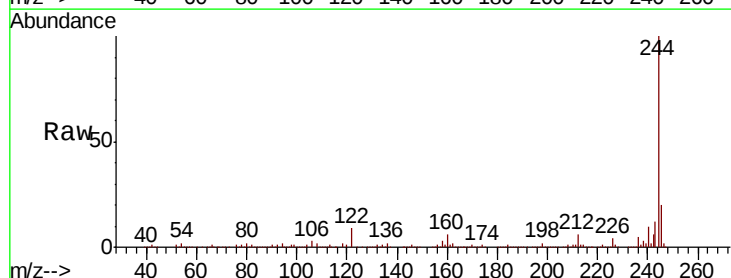
Tgt Ion:244 Resp: 767443

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.2

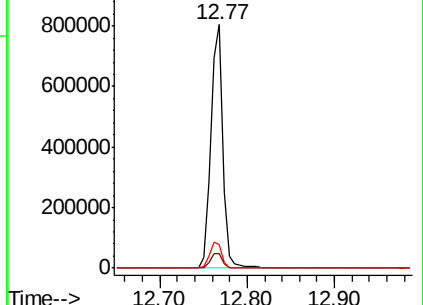
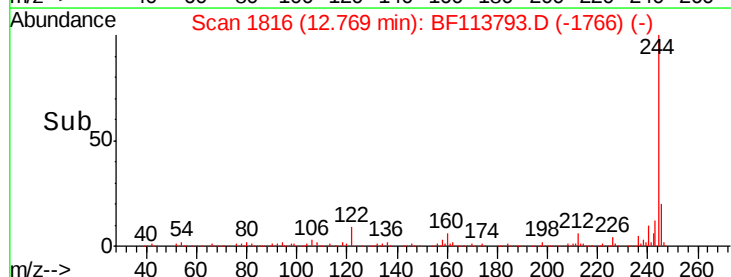
122 9.4 9.0 13.6

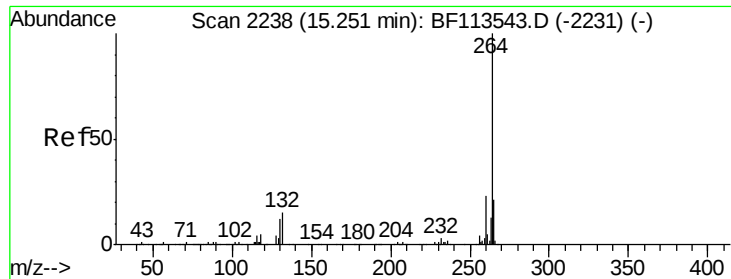


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF113793.D
 Acq: 16 Apr 2019 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	21.3	17.4	26.0

