

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041619\
 Data File : BF113794.D
 Acq On : 16 Apr 2019 15:27
 Operator : JU/SJ
 Sample : K2422-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 17:30:35 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

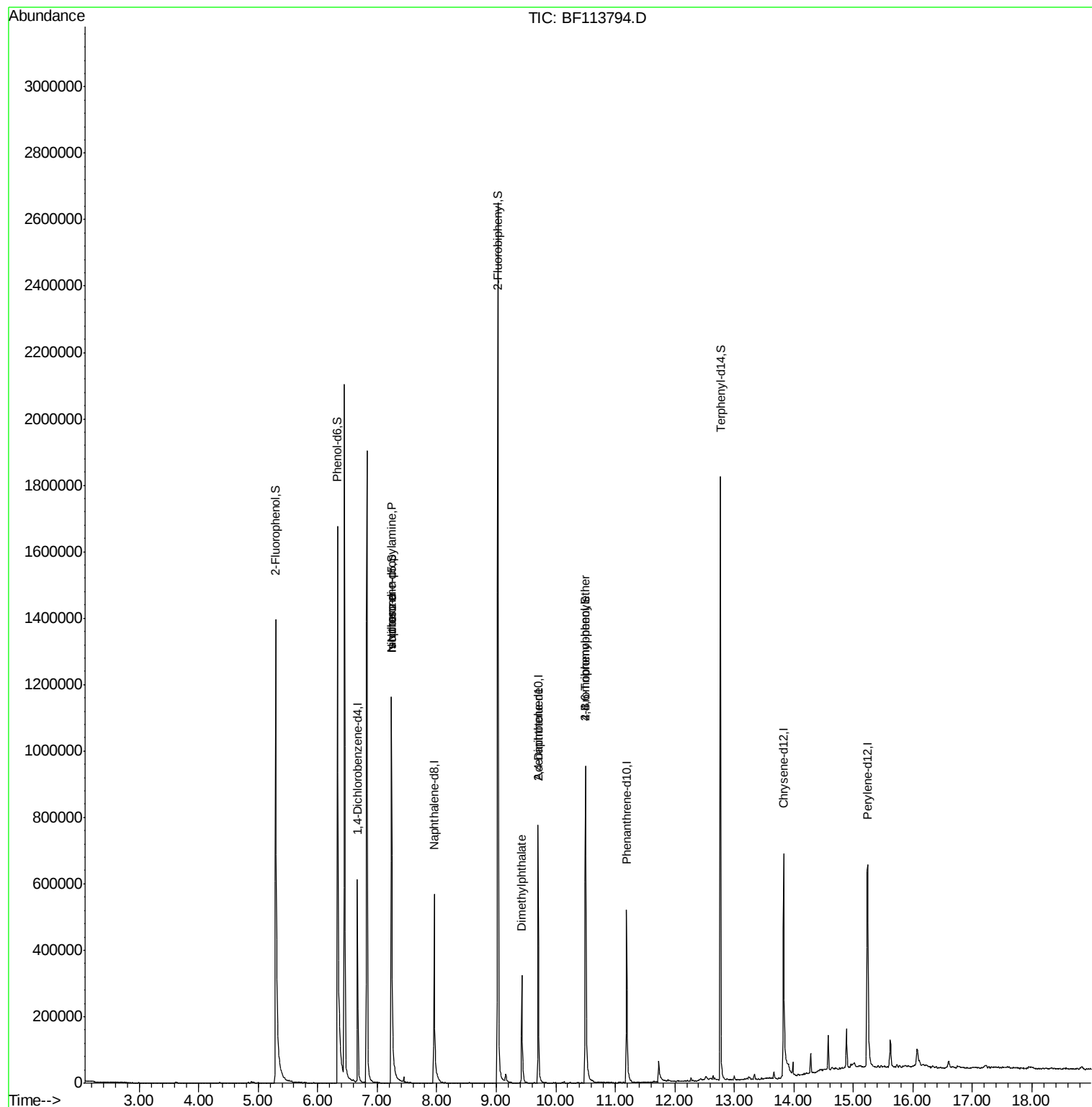
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	106929	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	384896	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	164623	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	280809	20.00	ng	0.00
76) Chrysene-d12	13.83	240	270123	20.00	ng	0.00
87) Perylene-d12	15.24	264	326959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	656568	104.70	ng	0.00
7) Phenol-d6	6.33	99	854299	110.54	ng	0.00
23) Nitrobenzene-d5	7.24	82	482395	73.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	180312	91.18	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	882915	86.34	ng	0.00
79) Terphenyl-d14	12.77	244	730992	55.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	61467	12.898	ng	# 76
25) Isophorone	7.24	82	476999	37.683	ng	# 64
50) Dimethylphthalate	9.43	163	183041	15.084	ng	100
57) 2,4-Dinitrotoluene	9.70	165	20969	6.482	ng	# 27
67) 4-Bromophenyl-phenylether	10.50	248	9907	3.146	ng	# 1

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

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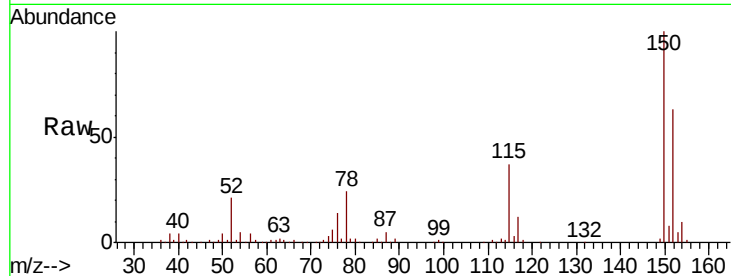




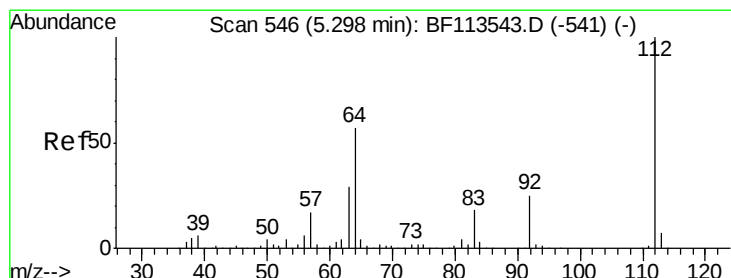
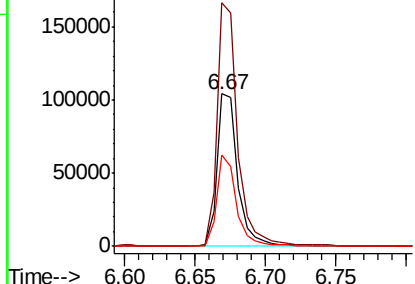
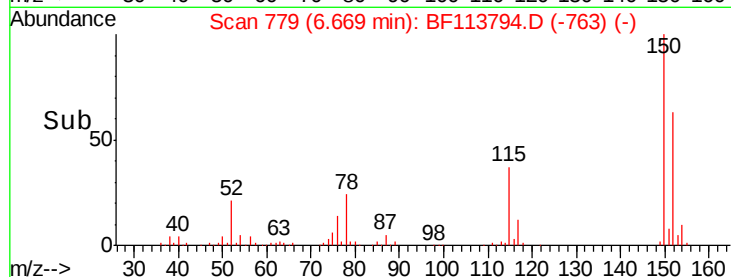
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF113794.D
 Acq: 16 Apr 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 106929
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.1 187.7
 115 59.9 43.9 65.9

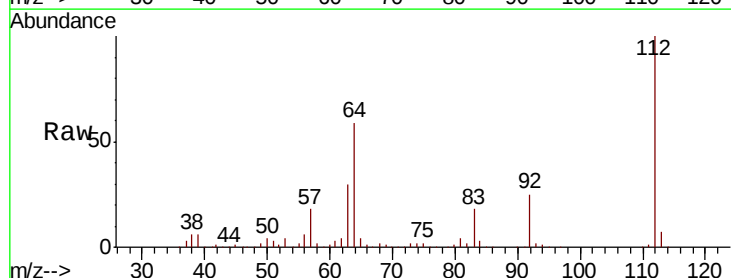


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

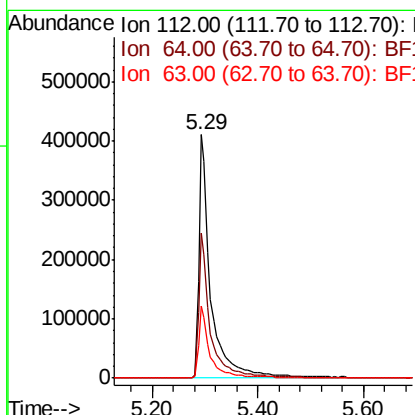
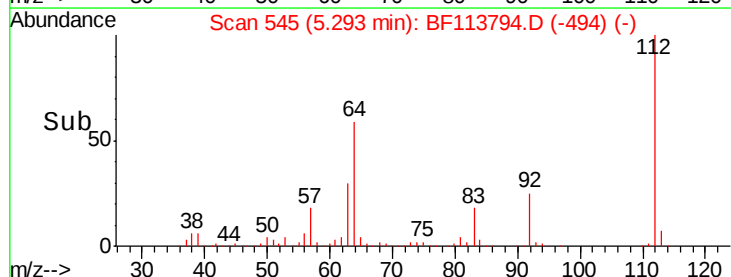


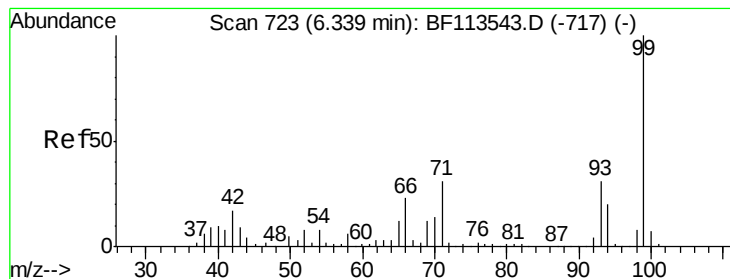
#5
 2-Fluorophenol
 Concen: 104.705 ng
 RT: 5.29 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF113794.D
 Acq: 16 Apr 2019 15:27

Tgt Ion:112 Resp: 656568
 Ion Ratio Lower Upper
 112 100
 64 59.5 49.0 73.4
 63 29.5 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: 110.537 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113794.D

Acq: 16 Apr 2019 15:27

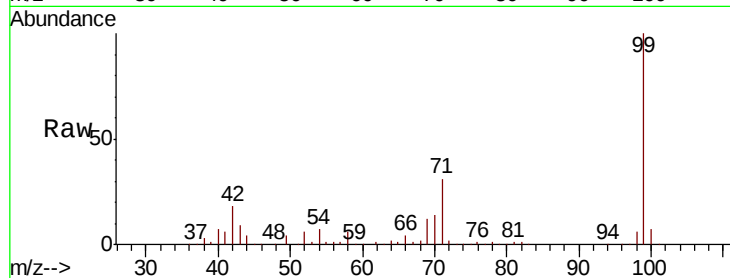
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 854299

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.2	22.8
71	30.9	25.4	38.2

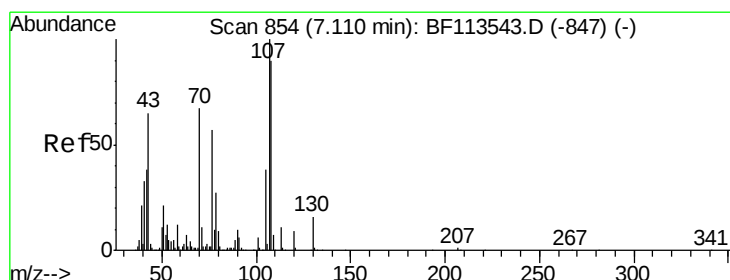
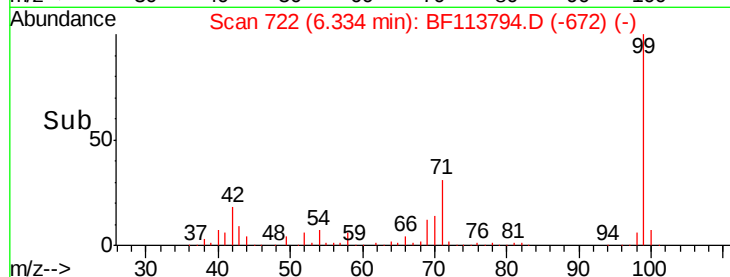
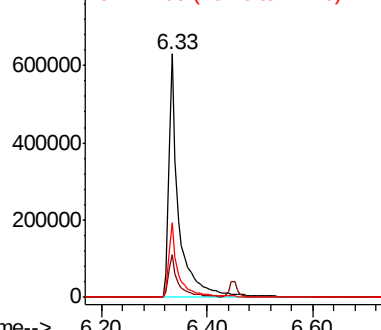


Abundance

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: 12.898 ng

RT: 7.24 min Scan# 876

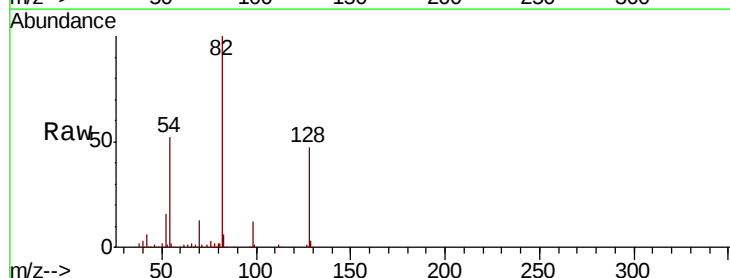
Delta R.T. 0.14 min

Lab File: BF113794.D

Acq: 16 Apr 2019 15:27

Tgt Ion: 70 Resp: 61467

Ion	Ratio	Lower	Upper
70	100		
42	48.0	49.0	73.6#
101	0.0	7.8	11.6#
130	2.2	17.8	26.6#



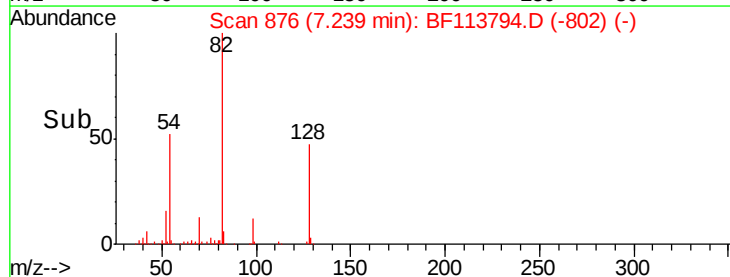
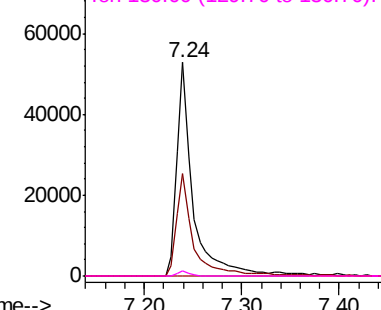
Abundance

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: BF113794.D

Acq: 16 Apr 2019 15:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 384896

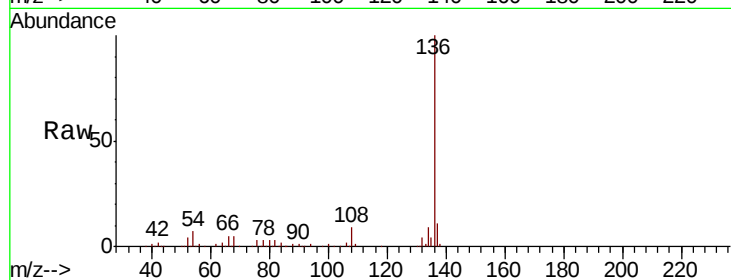
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.4 6.4 9.6

68 5.1 4.6 7.0

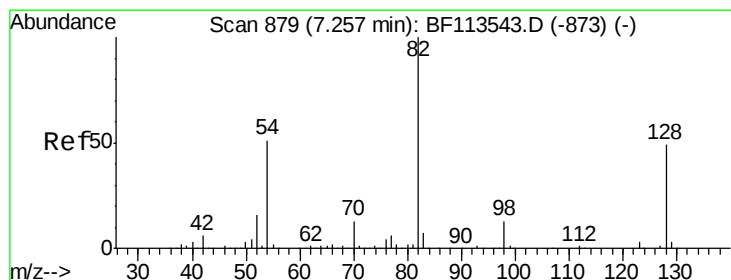
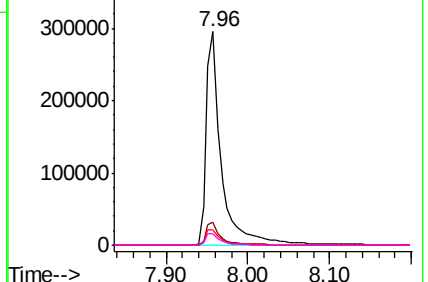
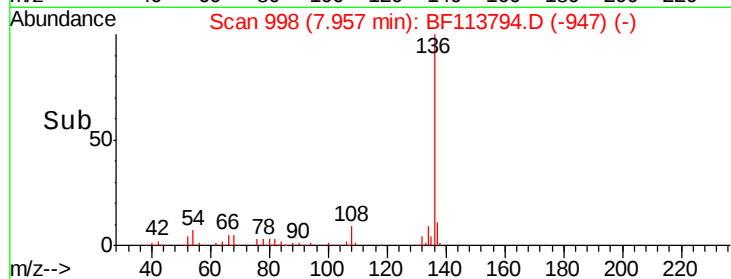


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 73.413 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF113794.D

Acq: 16 Apr 2019 15:27

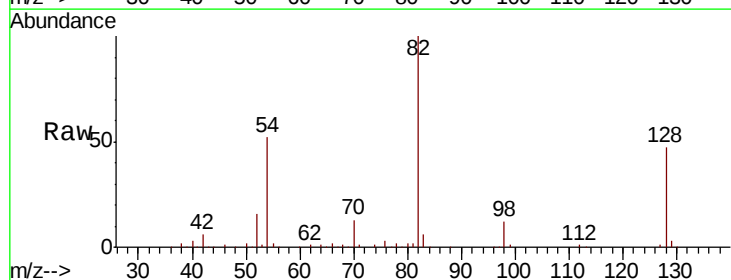
Tgt Ion: 82 Resp: 482395

Ion Ratio Lower Upper

82 100

128 46.8 38.2 57.2

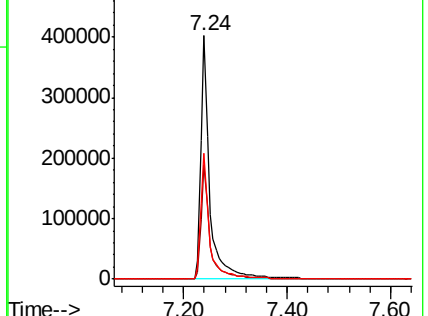
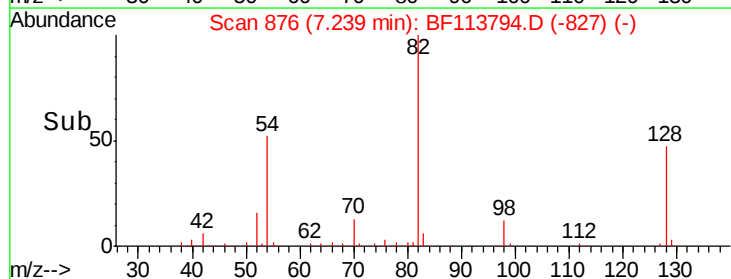
54 51.6 41.0 61.4

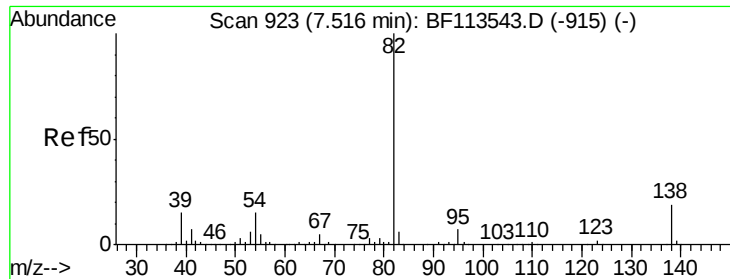


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.683 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.27 min

Lab File: BF113794.D

Acq: 16 Apr 2019 15:27

Instrument :

BNA_F

ClientSampleId :

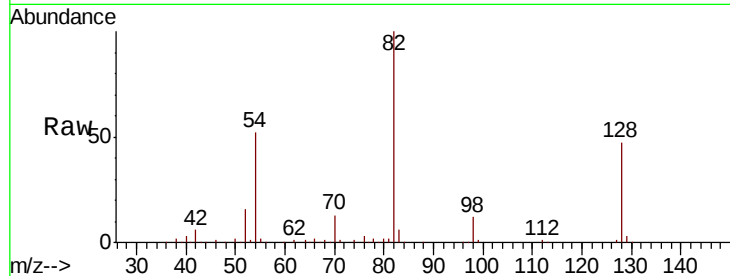
Tot Ion: 82 Resp: 476999

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

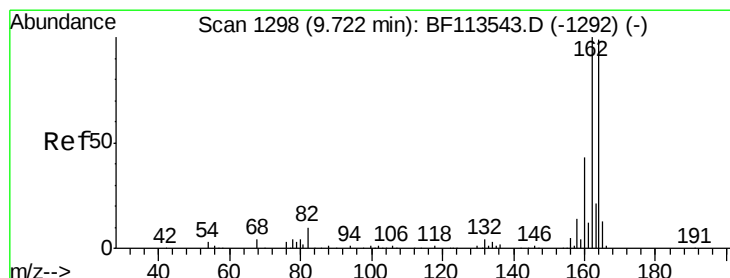
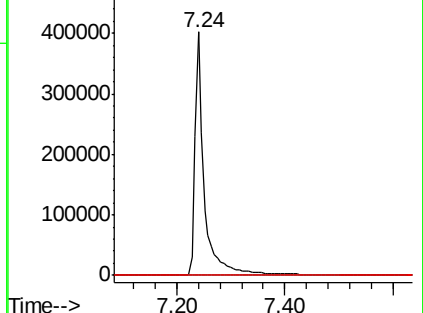
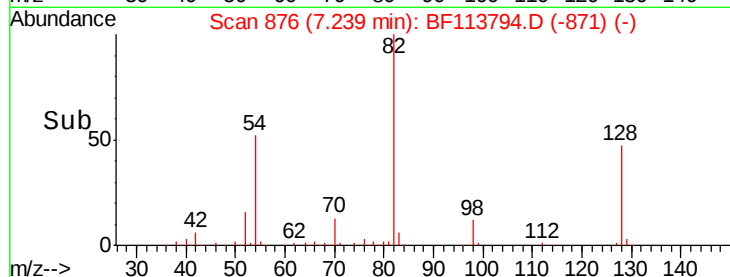
138 0.0 15.1 22.7#



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: BF113794.D

Acq: 16 Apr 2019 15:27

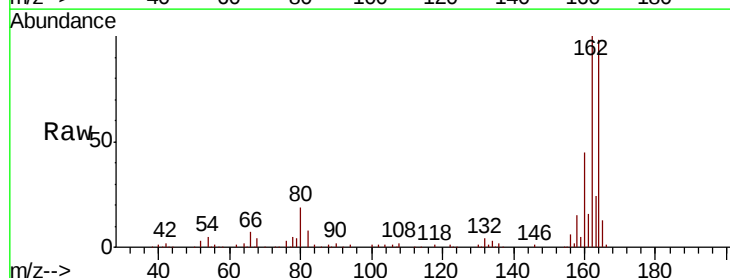
Tgt Ion: 164 Resp: 164623

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

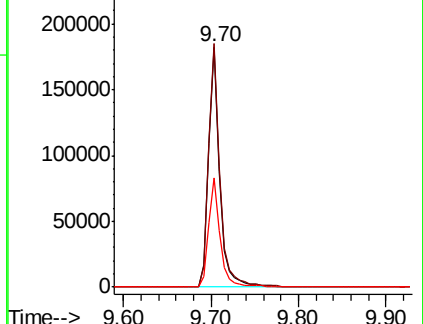
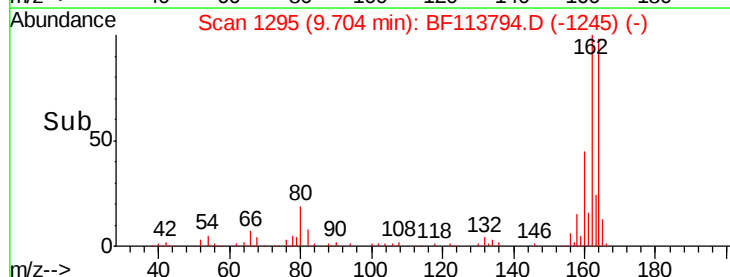
160 45.3 35.8 53.6

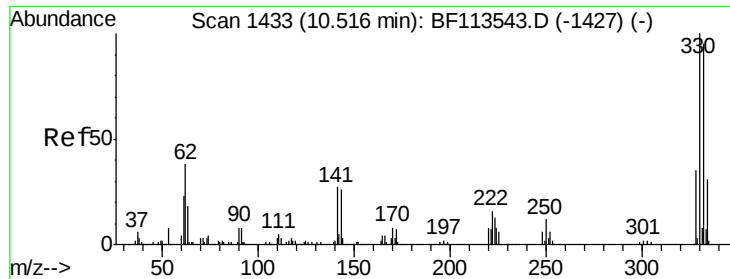


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

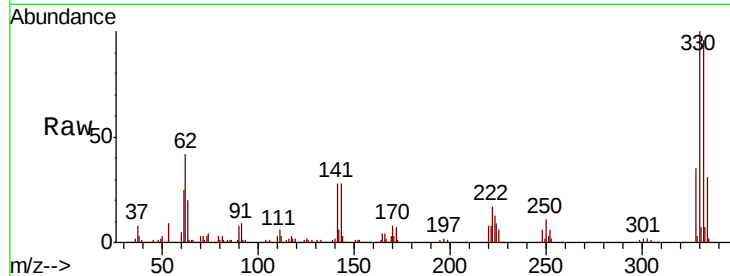




#42
 2,4,6-Tribromophenol
 Concen: 91.181 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF113794.D
 Acq: 16 Apr 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	27.0	21.0	31.4

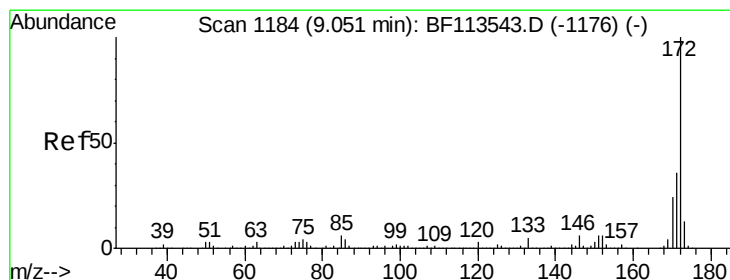
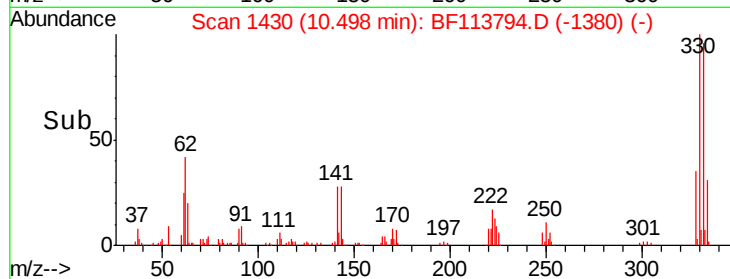
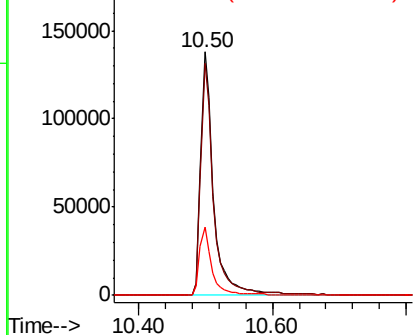


Abundance

Ion 329.80 (329.50 to 330.50): E

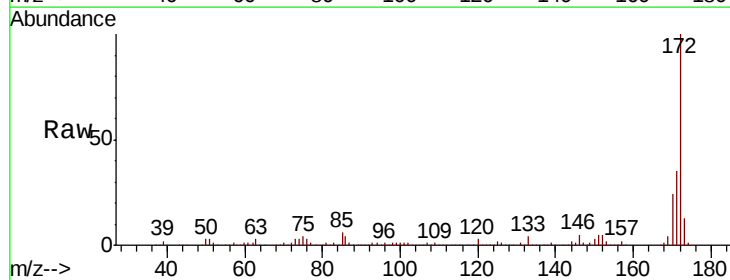
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.343 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF113794.D
 Acq: 16 Apr 2019 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.3	43.9
170	23.9	19.6	29.4

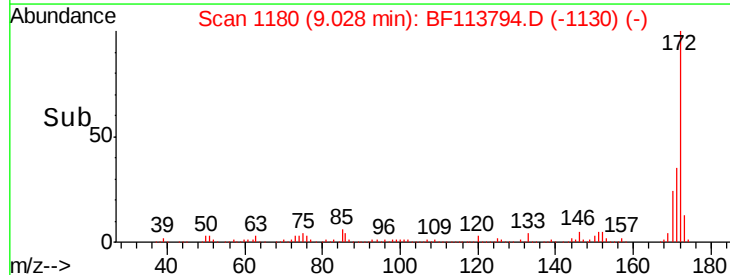
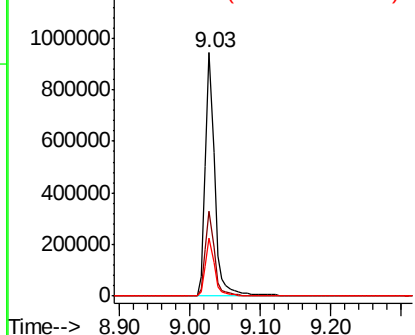


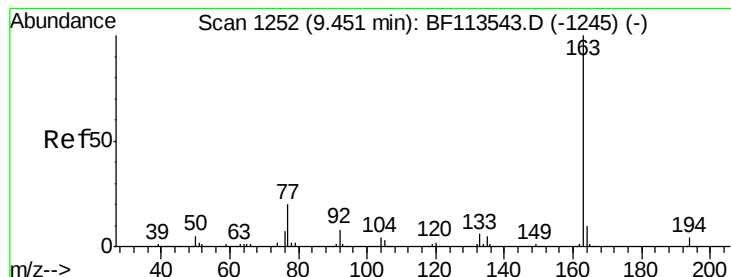
Abundance

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: 15.084 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF113794.D

Acq: 16 Apr 2019 15:27

Instrument :

BNA_F

ClientSampleId :

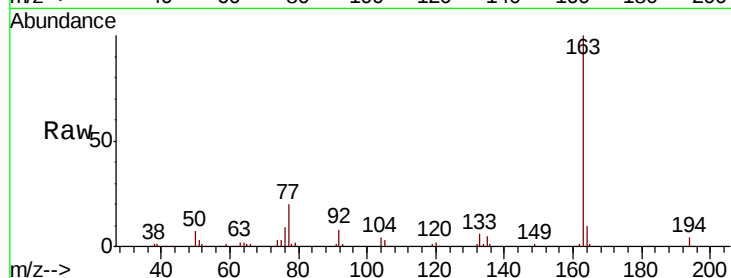
Tot Ion:163 Resp: 183041

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

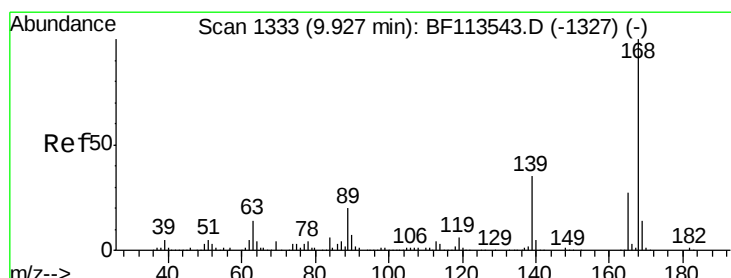
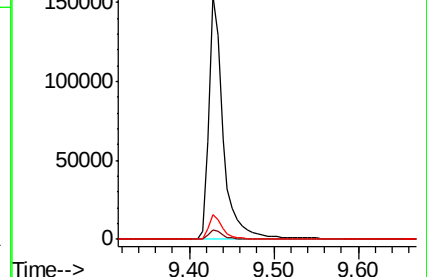
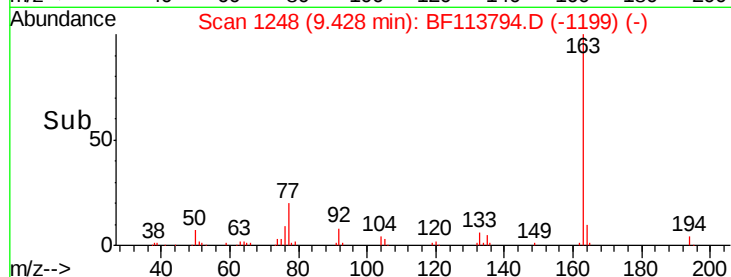
164 10.3 8.3 12.5



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: 6.482 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.22 min

Lab File: BF113794.D

Acq: 16 Apr 2019 15:27

Tgt Ion:165 Resp: 20969

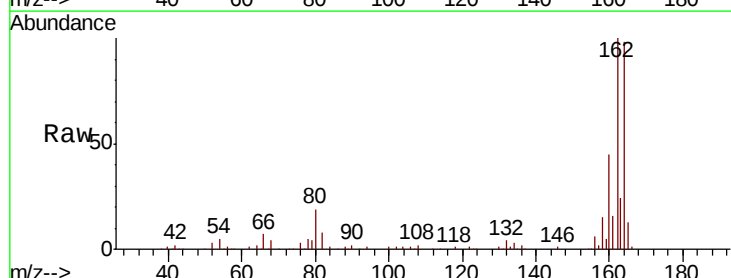
Ion Ratio Lower Upper

165 100

63 0.0 32.2 48.2#

89 1.4 51.3 76.9#

182 0.0 2.0 3.0#

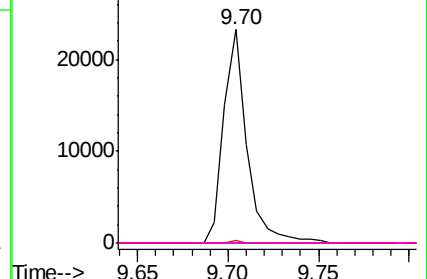
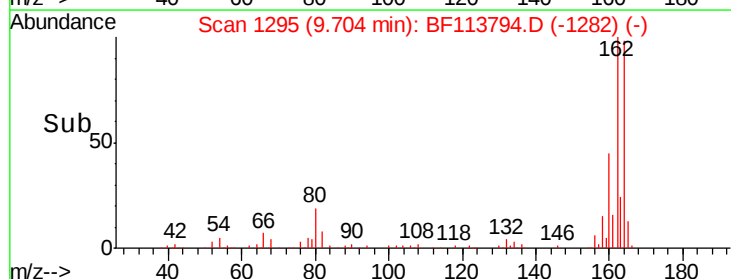


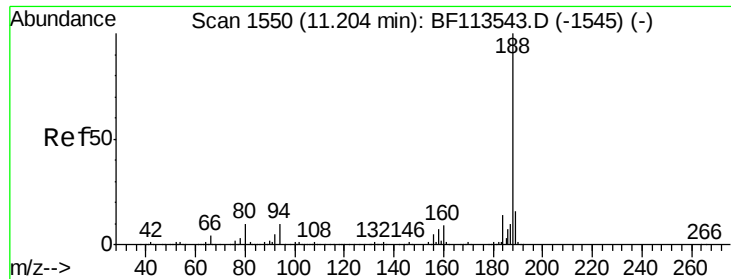
Abundance Ion 165.00 (164.70 to 165.70): E

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

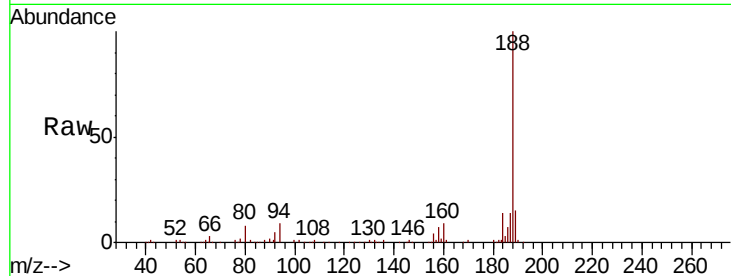




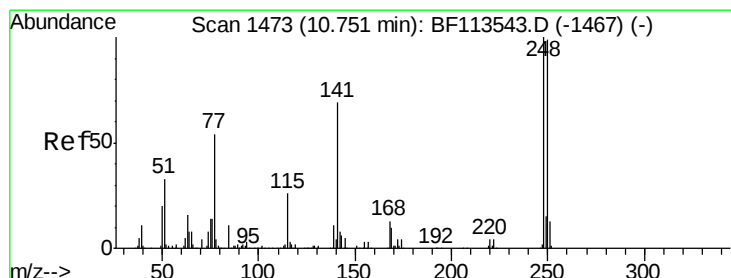
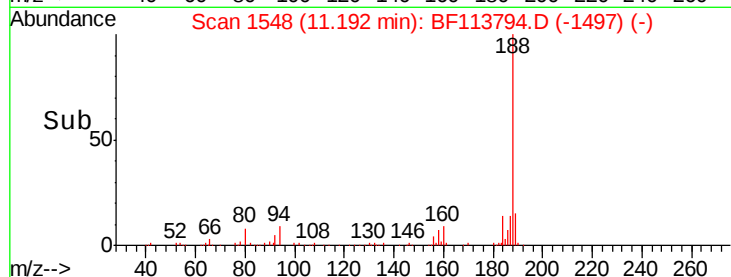
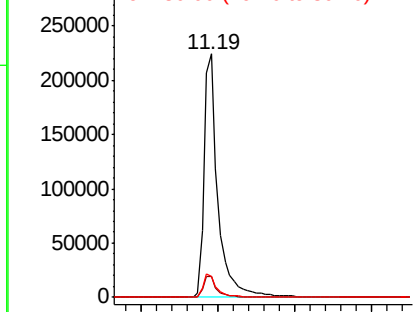
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF113794.D
Acq: 16 Apr 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 280809
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 8.4 7.4 11.2

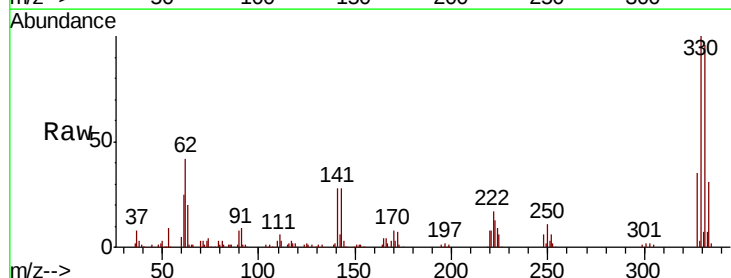


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

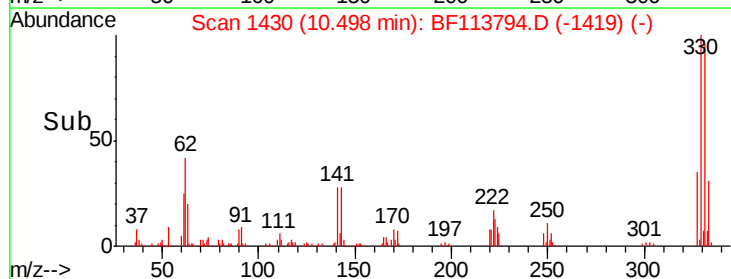
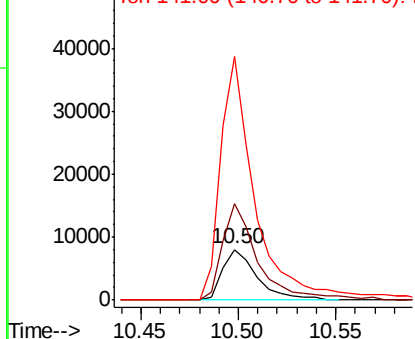


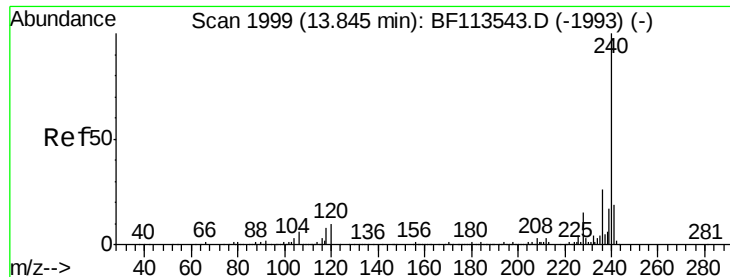
#67
4-Bromophenyl-phenylether
Concen: 3.146 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.24 min
Lab File: BF113794.D
Acq: 16 Apr 2019 15:27

Tgt Ion:248 Resp: 9907
Ion Ratio Lower Upper
248 100
250 190.1 77.8 116.6#
141 478.8 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

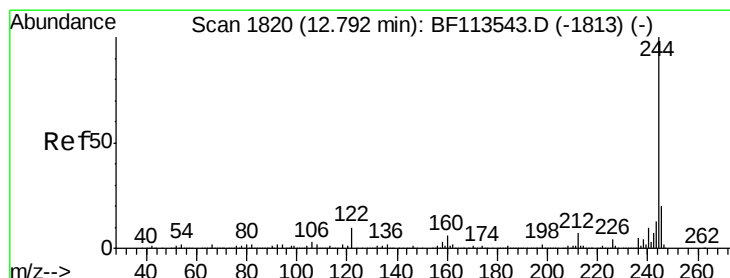
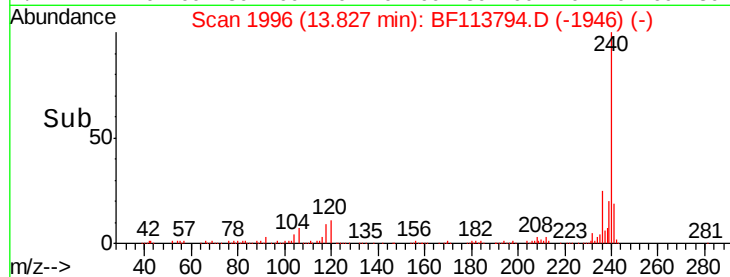
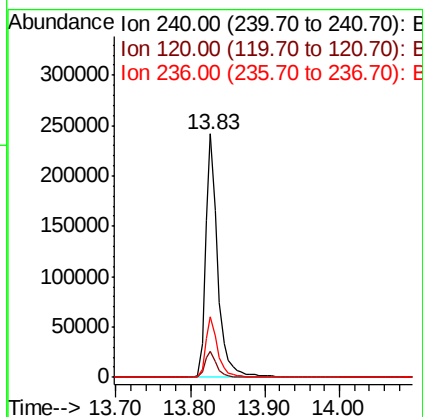
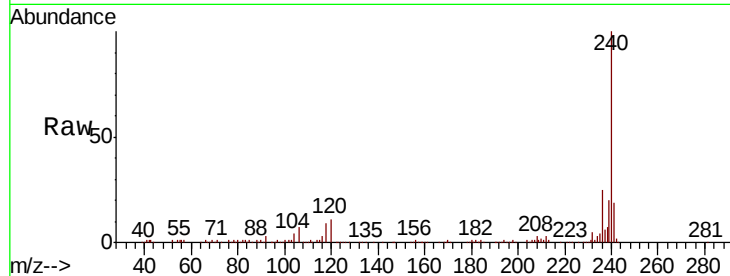




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF113794.D
 Acq: 16 Apr 2019 15:27

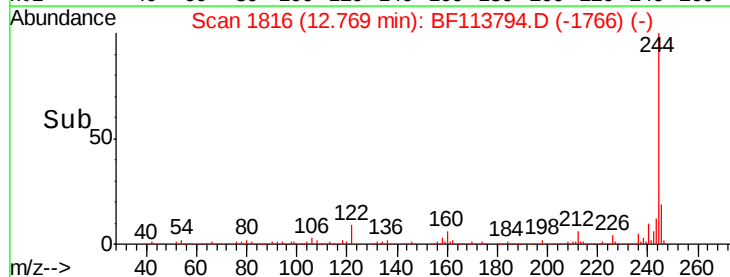
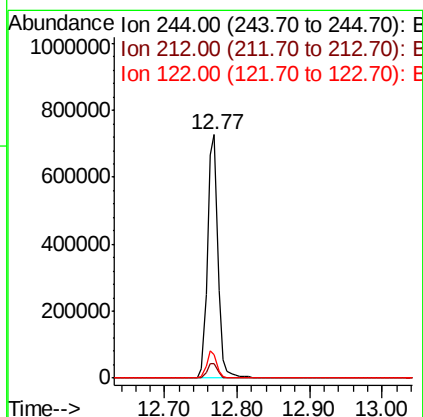
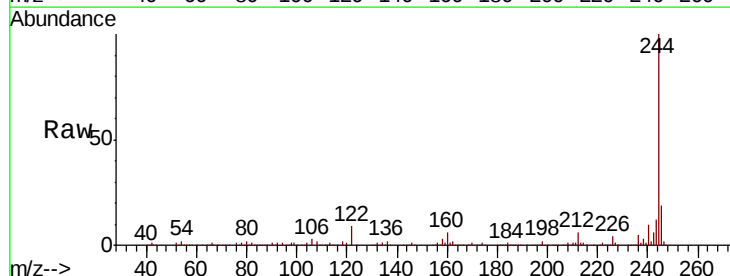
Instrument :
 BNA_F
 ClientSampleId :

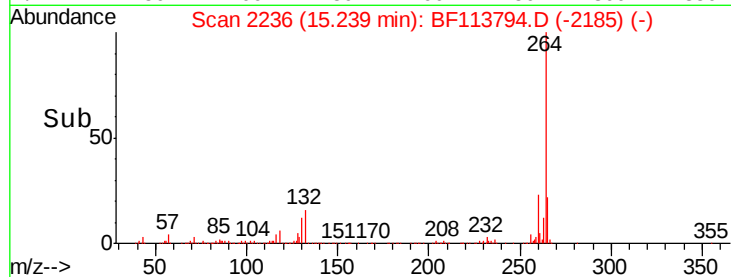
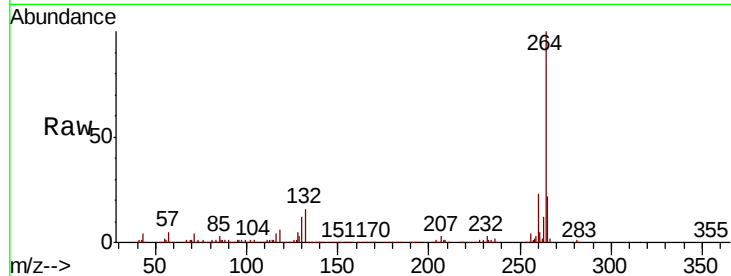
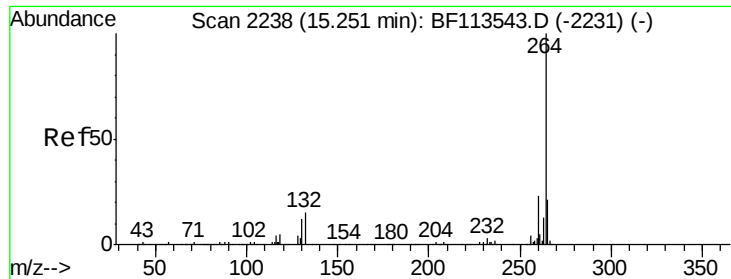
Tot Ion:240 Resp: 270123
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.5 12.7
 236 24.9 21.0 31.6



#79
 Terphenyl-d14
 Concen: 55.098 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF113794.D
 Acq: 16 Apr 2019 15:27

Tgt Ion:244 Resp: 730992
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.2
 122 9.5 9.0 13.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF113794.D

Acq: 16 Apr 2019 15:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 326959

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.7 17.4 26.0

