

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041619\
 Data File : BF113791.D
 Acq On : 16 Apr 2019 14:00
 Operator : JU/SJ
 Sample : K2423-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 17:29:48 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

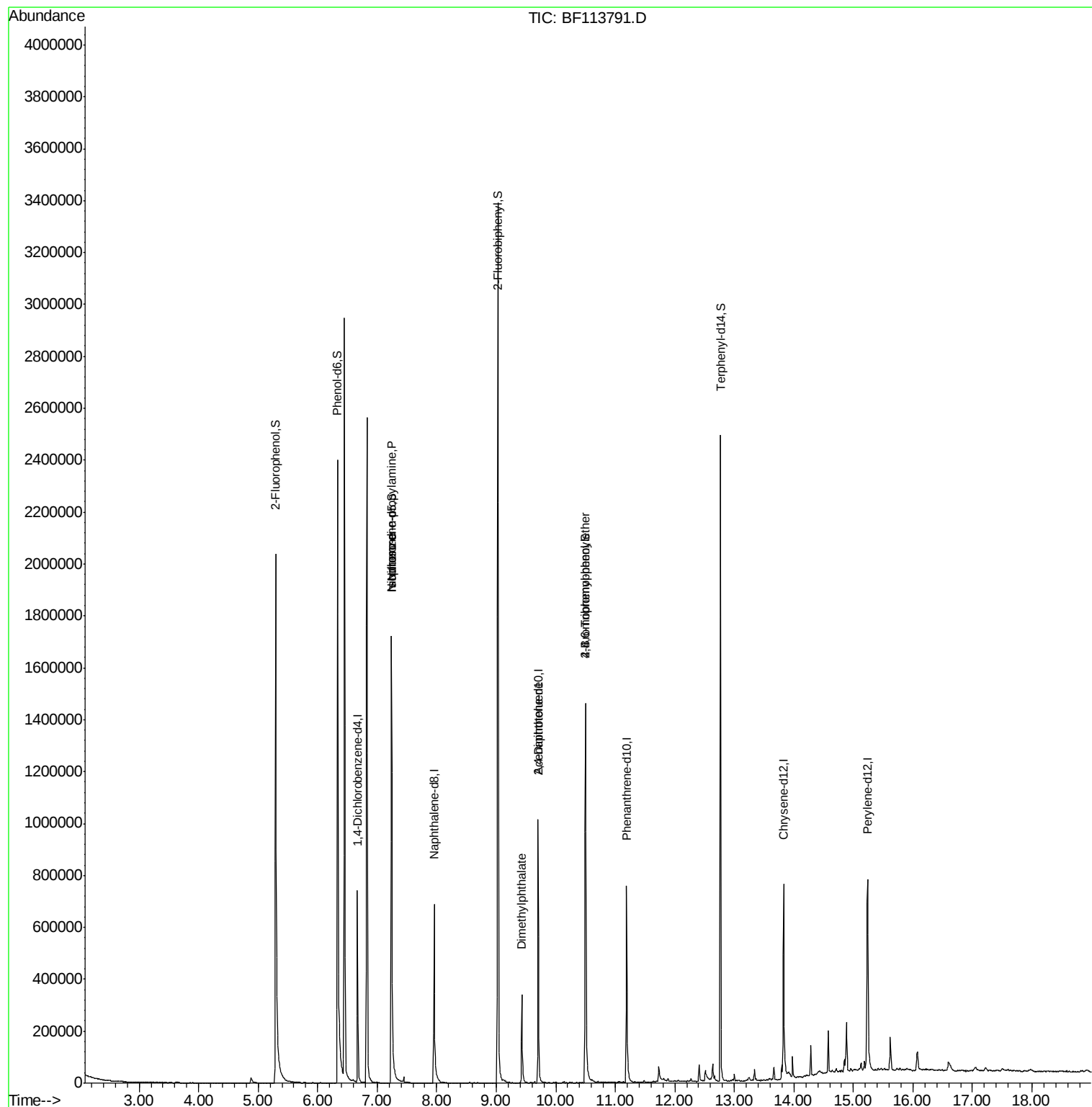
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	126557	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	467618	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	210208	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	381412	20.00	ng	0.00
76) Chrysene-d12	13.83	240	278548	20.00	ng	0.00
87) Perylene-d12	15.24	264	338708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	859282	115.78	ng	0.00
7) Phenol-d6	6.33	99	1141767	124.82	ng	0.00
23) Nitrobenzene-d5	7.24	82	670548	83.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	254513	100.79	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1140985	87.38	ng	0.00
79) Terphenyl-d14	12.77	244	906972	66.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	85308	15.124	ng	# 77
25) Isophorone	7.24	82	662901	43.105	ng	# 64
50) Dimethylphthalate	9.43	163	185507	11.972	ng	99
57) 2,4-Dinitrotoluene	9.70	165	26609	6.442	ng	# 28
67) 4-Bromophenyl-phenylether	10.50	248	13829	3.233	ng	# 1

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

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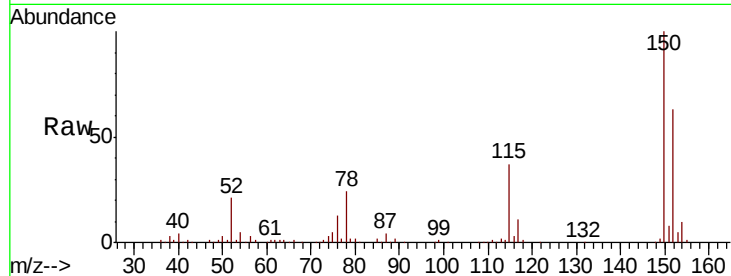


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF113791.D
Acq: 16 Apr 2019 14:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	125.1	187.7
115	59.1	43.9	65.9

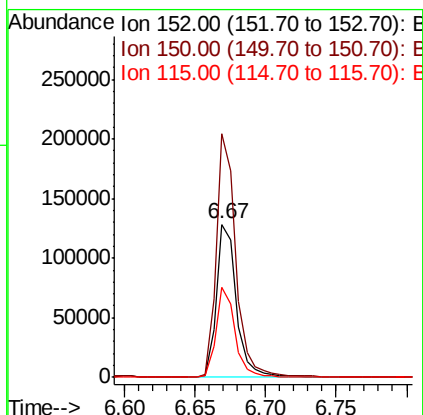
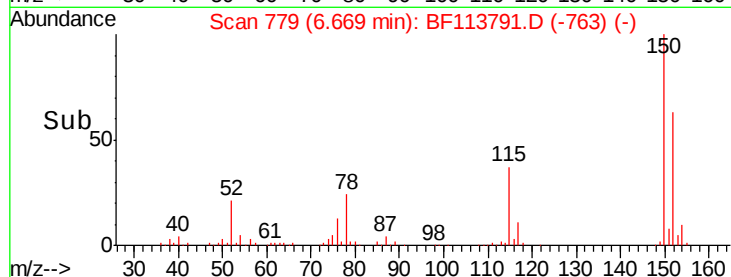


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

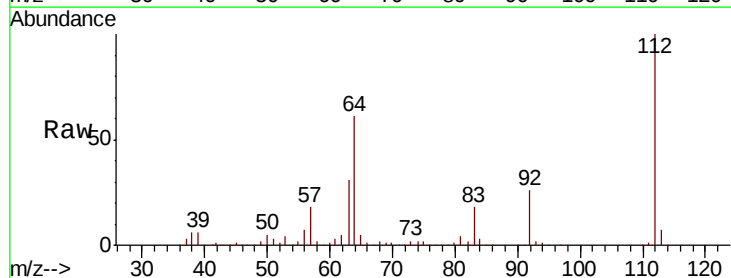
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.780 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF113791.D
Acq: 16 Apr 2019 14:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	49.0	73.4
63	30.7	24.2	36.4

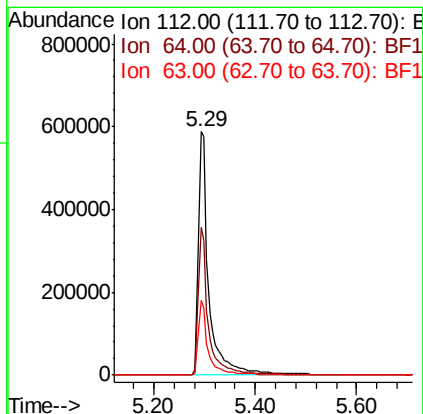
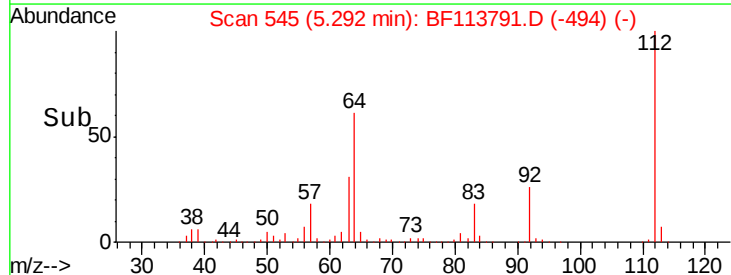


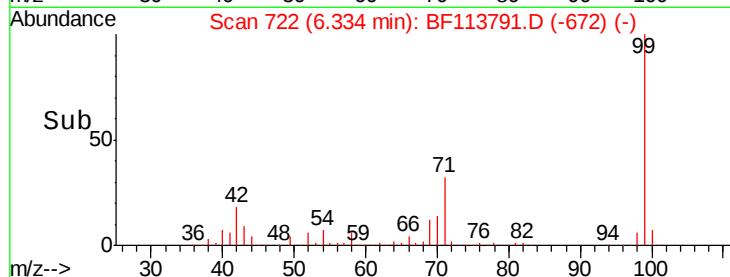
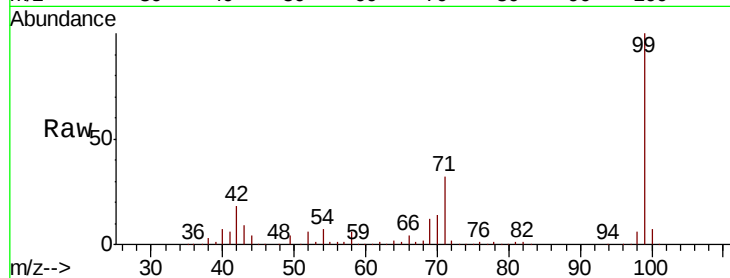
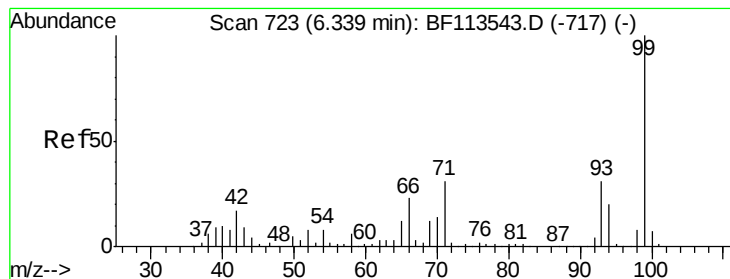
Abundance

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: 124.820 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113791.D

Acq: 16 Apr 2019 14:00

Tot Ion: 99 Resp: 1141767

Ion Ratio Lower Upper

99 100

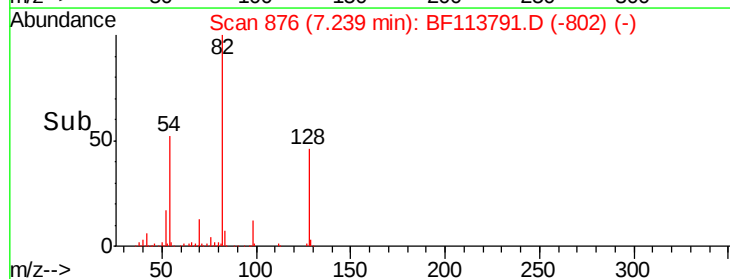
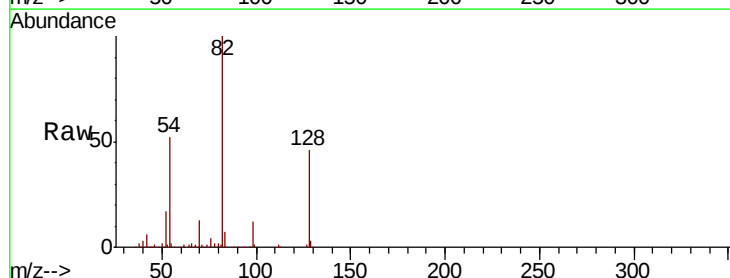
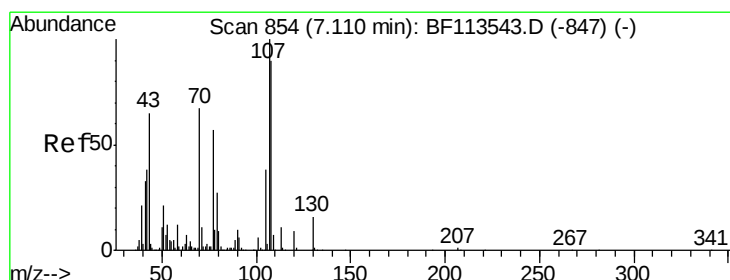
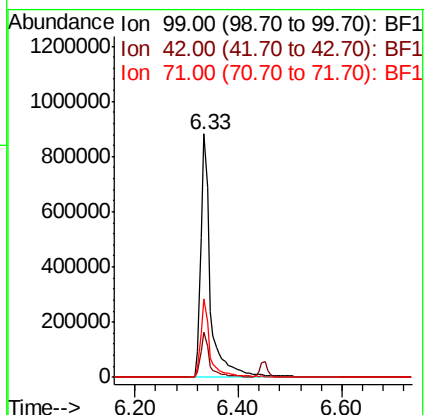
42 18.5 15.2 22.8

71 32.0 25.4 38.2

Instrument :

BNA_F

ClientSampled :



#19

n-Nitroso-di-n-propylamine

Concen: 15.124 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.14 min

Lab File: BF113791.D

Acq: 16 Apr 2019 14:00

Tgt Ion: 70 Resp: 85308

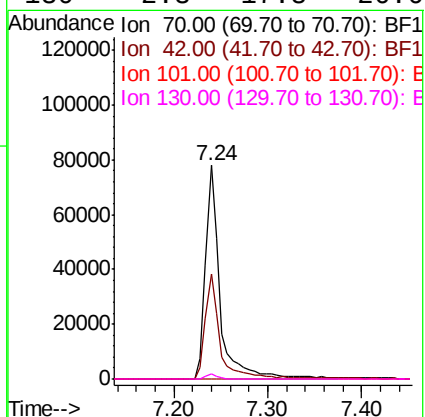
Ion Ratio Lower Upper

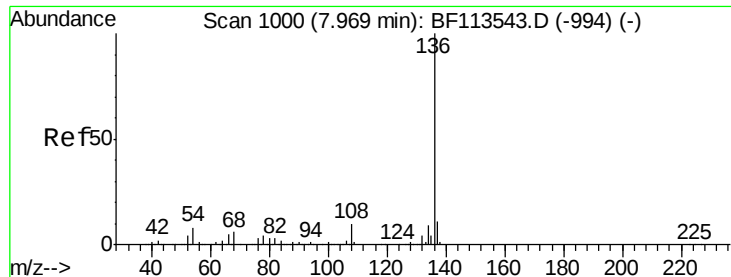
70 100

42 48.9 49.0 73.6#

101 0.0 7.8 11.6#

130 2.3 17.8 26.6#

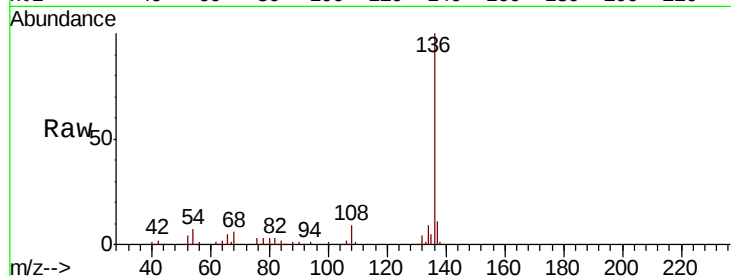




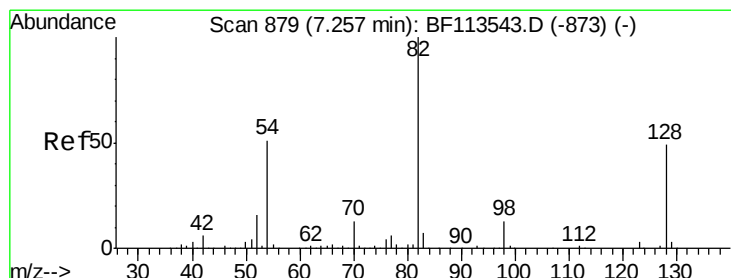
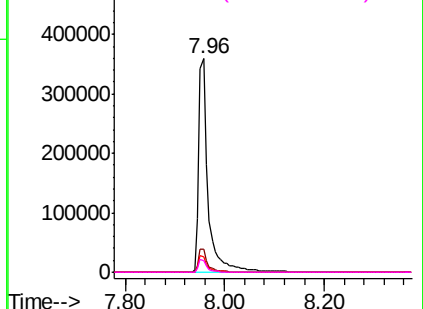
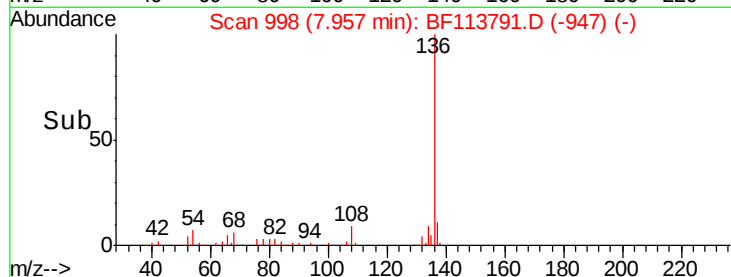
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF113791.D
Acq: 16 Apr 2019 14:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	467618
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	7.3	6.4 9.6
68	5.5	4.6 7.0

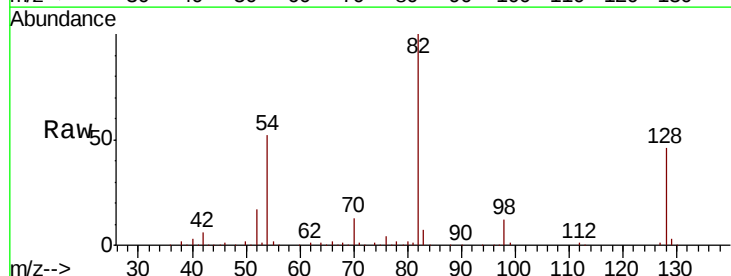


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

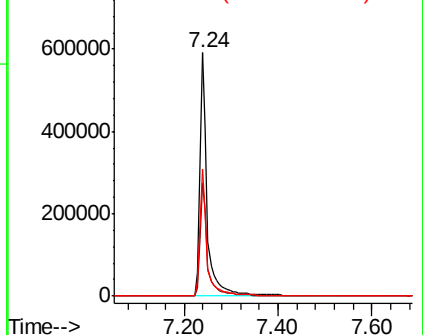
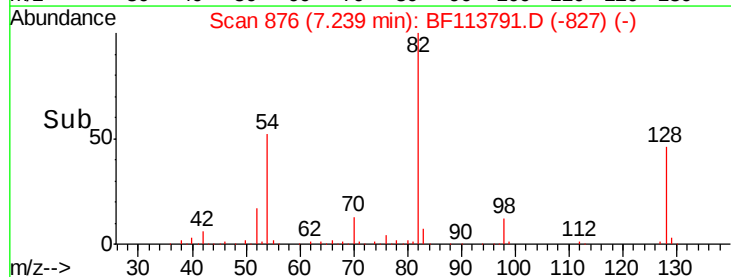


#23
Nitrobenzene-d5
Concen: 83.995 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF113791.D
Acq: 16 Apr 2019 14:00

Tgt Ion: 82	Resp:	670548
Ion	Ratio	Lower Upper
82	100	
128	46.5	38.2 57.2
54	52.4	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: 43.105 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.27 min

Lab File: BF113791.D

Acq: 16 Apr 2019 14:00

Instrument :

BNA_F

ClientSampleId :

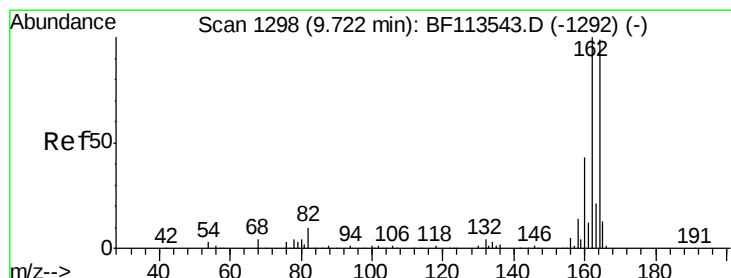
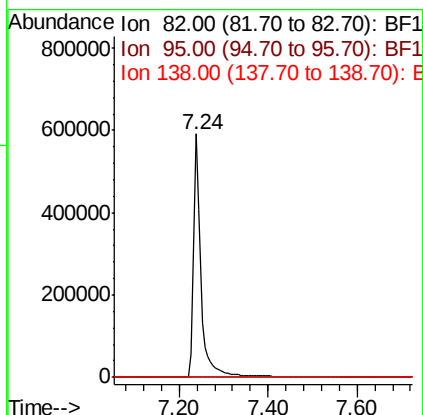
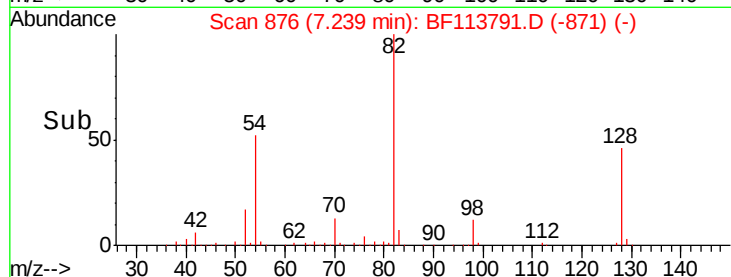
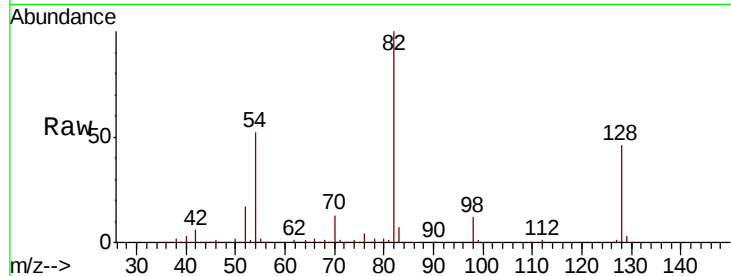
Tot Ion: 82 Resp: 662901

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 15.1 22.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF113791.D

Acq: 16 Apr 2019 14:00

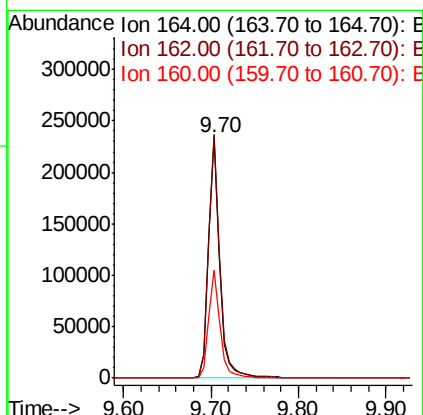
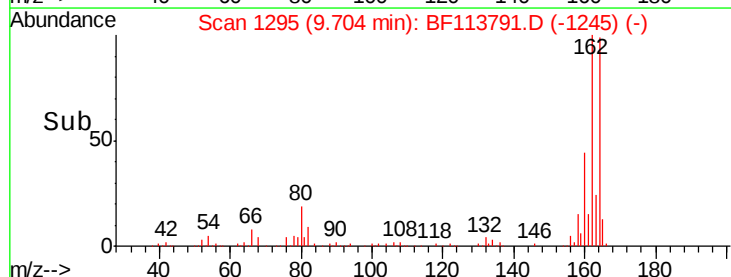
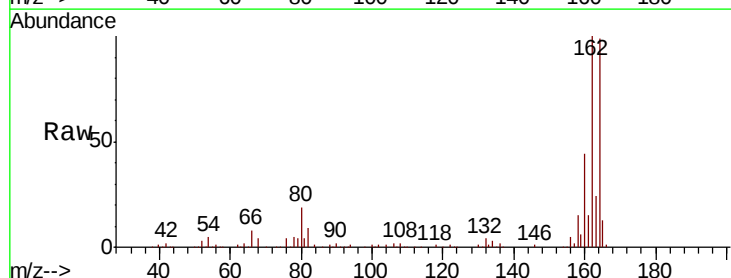
Tgt Ion: 164 Resp: 210208

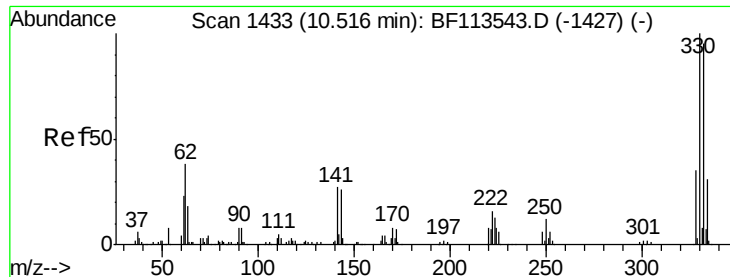
Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

160 44.6 35.8 53.6

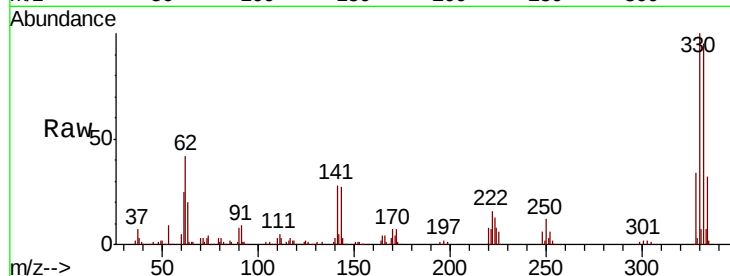




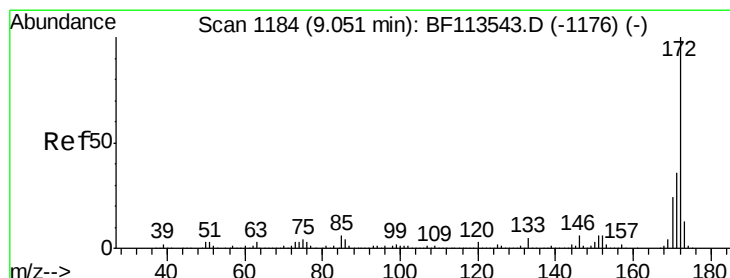
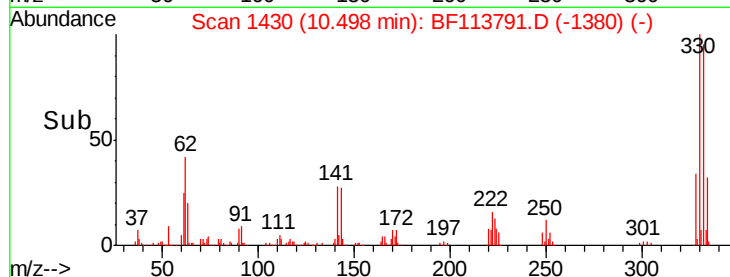
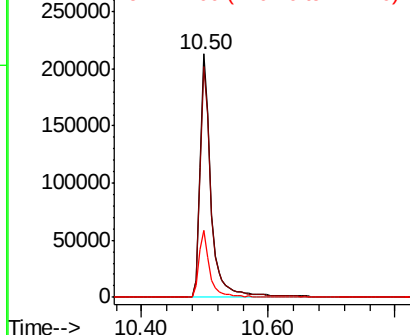
#42
 2,4,6-Tribromophenol
 Concen: 100.793 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF113791.D
 Acq: 16 Apr 2019 14:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 254513
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 27.4 21.0 31.4

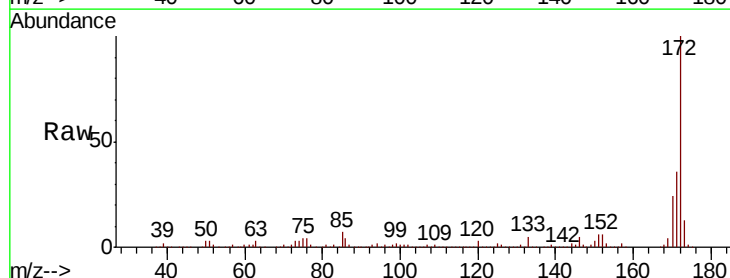


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

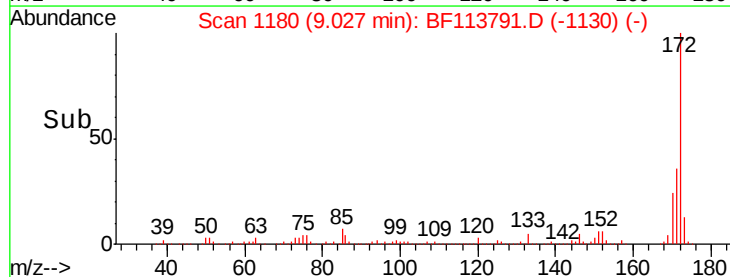
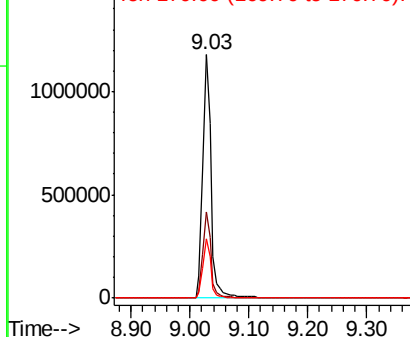


#45
 2-Fluorobiphenyl
 Concen: 87.383 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF113791.D
 Acq: 16 Apr 2019 14:00

Tgt Ion:172 Resp: 1140985
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.3 43.9
 170 24.2 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: 11.972 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF113791.D

Acq: 16 Apr 2019 14:00

Instrument :

BNA_F

ClientSampleId :

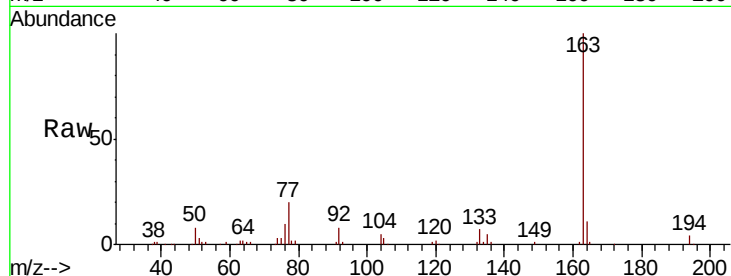
Tot Ion:163 Resp: 185507

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

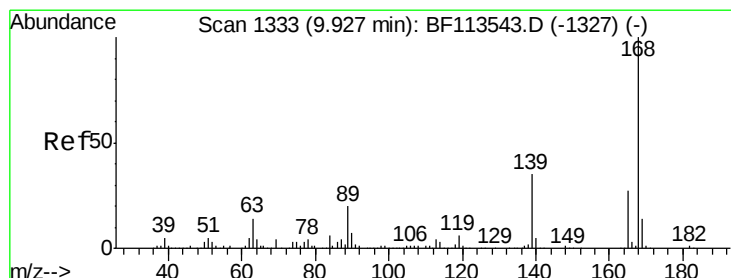
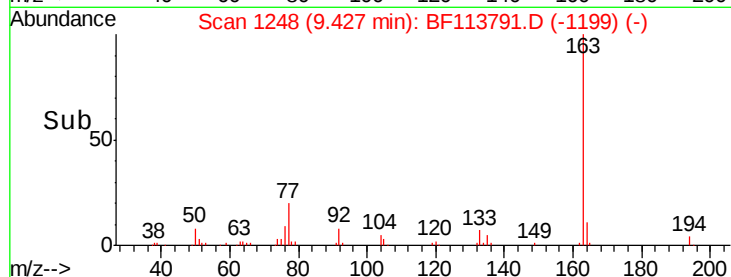
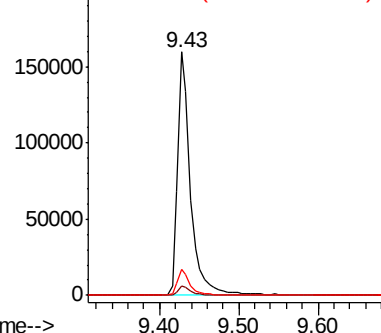
164 10.7 8.3 12.5



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: 6.442 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.22 min

Lab File: BF113791.D

Acq: 16 Apr 2019 14:00

Tgt Ion:165 Resp: 26609

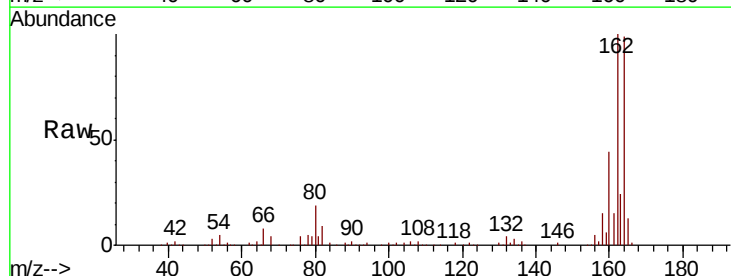
Ion Ratio Lower Upper

165 100

63 1.2 32.2 48.2#

89 1.4 51.3 76.9#

182 0.0 2.0 3.0#

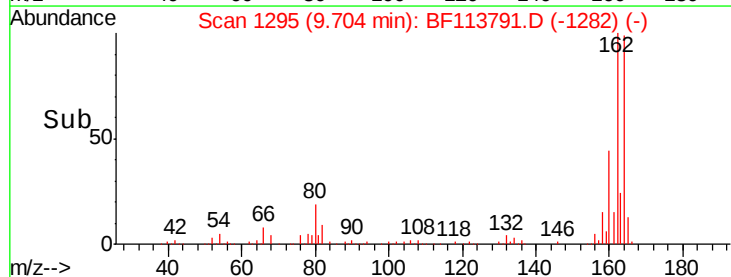
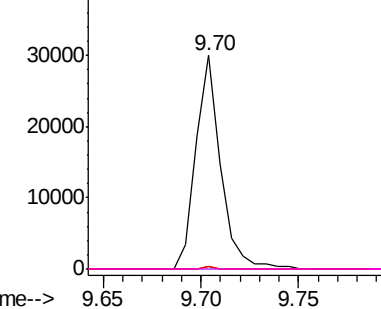


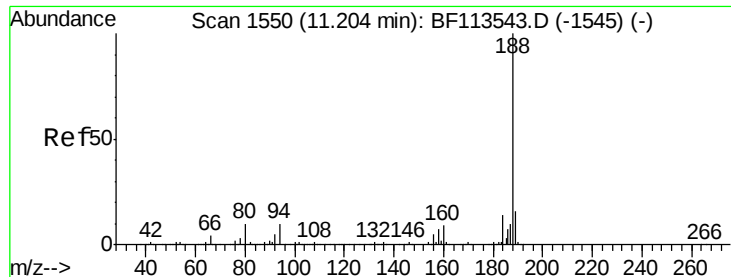
Abundance Ion 165.00 (164.70 to 165.70): E

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

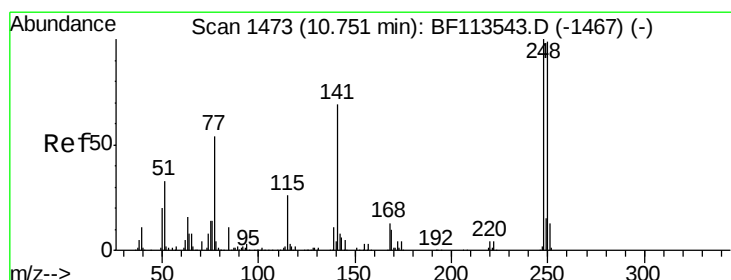
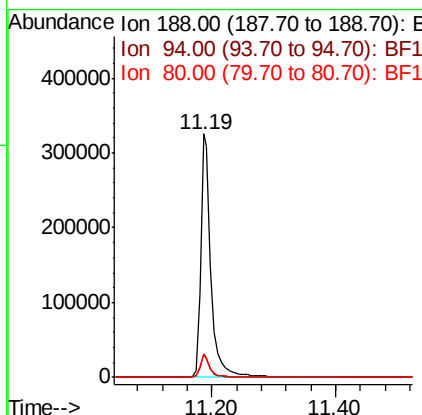
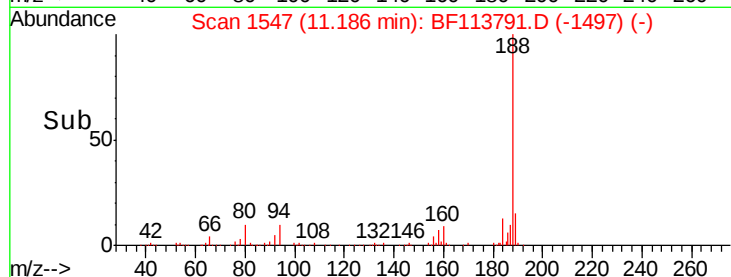
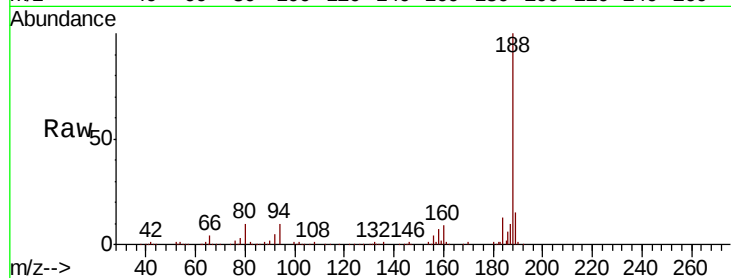




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF113791.D
Acq: 16 Apr 2019 14:00

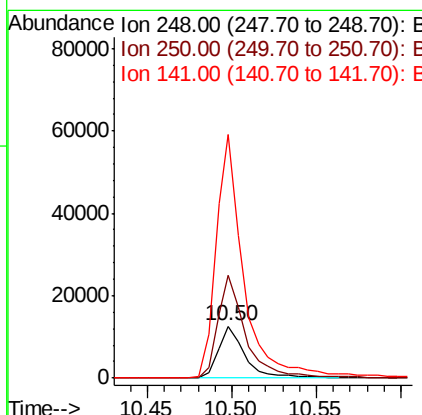
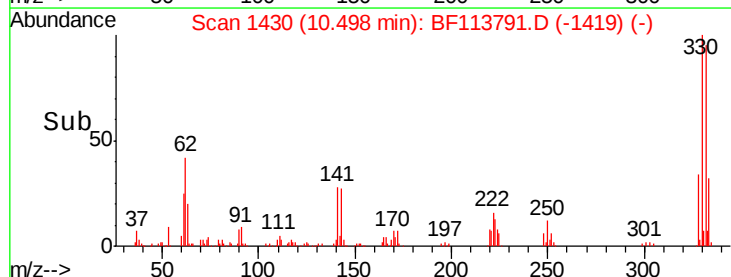
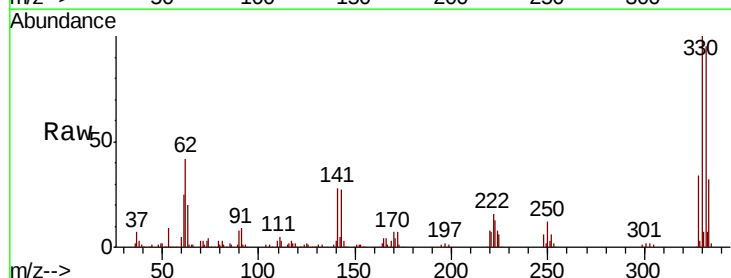
Instrument :
BNA_F
ClientSampleId :

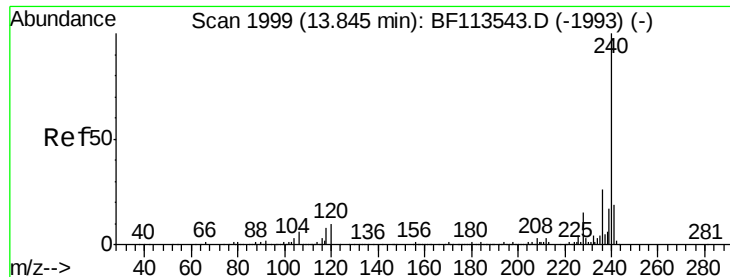
Tot Ion:188 Resp: 381412
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 9.8 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.233 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.24 min
Lab File: BF113791.D
Acq: 16 Apr 2019 14:00

Tgt Ion:248 Resp: 13829
Ion Ratio Lower Upper
248 100
250 197.4 77.8 116.6#
141 469.5 55.3 82.9#

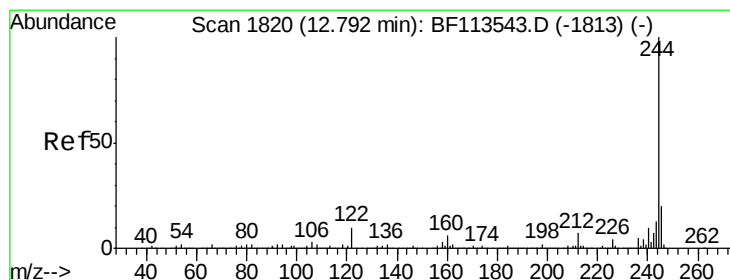
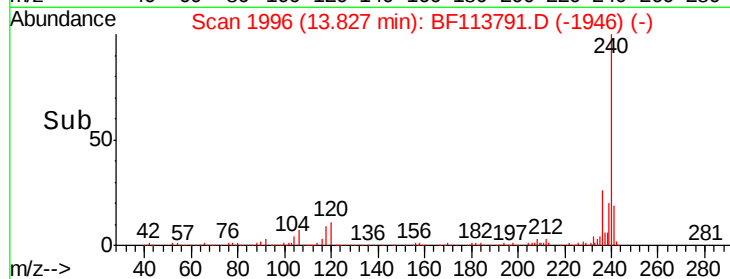
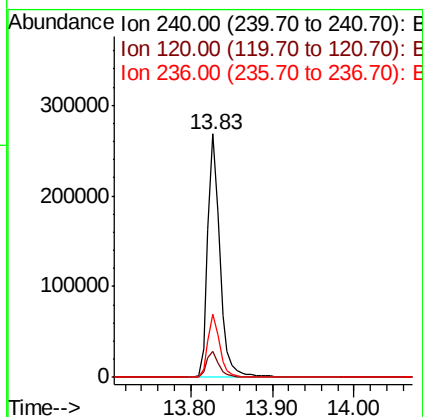
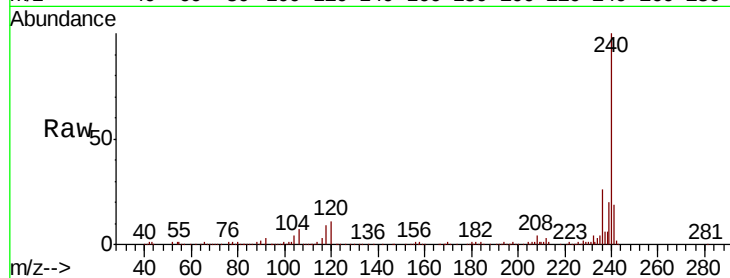




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF113791.D
 Acq: 16 Apr 2019 14:00

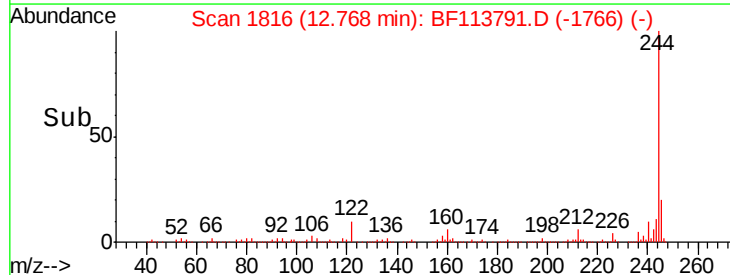
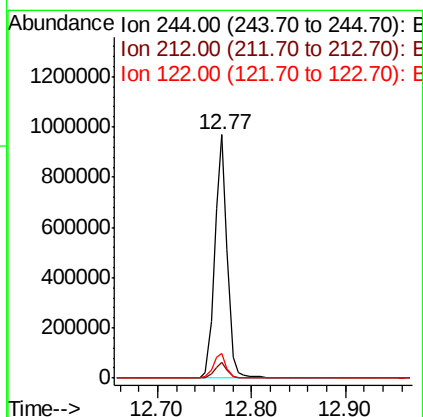
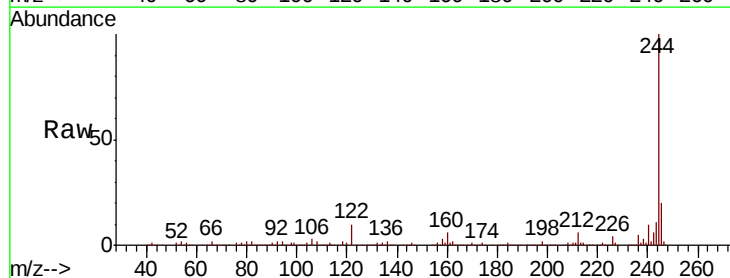
Instrument :
 BNA_F
 ClientSampleId :

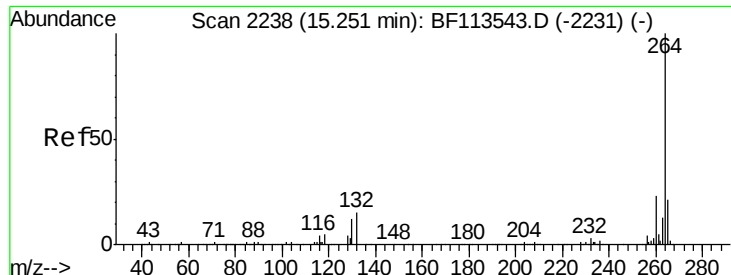
Tot Ion:240 Resp: 278548
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.5 12.7
 236 25.8 21.0 31.6



#79
 Terphenyl-d14
 Concen: 66.294 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF113791.D
 Acq: 16 Apr 2019 14:00

Tgt Ion:244 Resp: 906972
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 10.3 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: BF113791.D
Acq: 16 Apr 2019 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	20.9	17.4	26.0

