

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041619\
 Data File : BF113789.D
 Acq On : 16 Apr 2019 13:02
 Operator : JU/SJ
 Sample : K2423-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 17:29:30 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

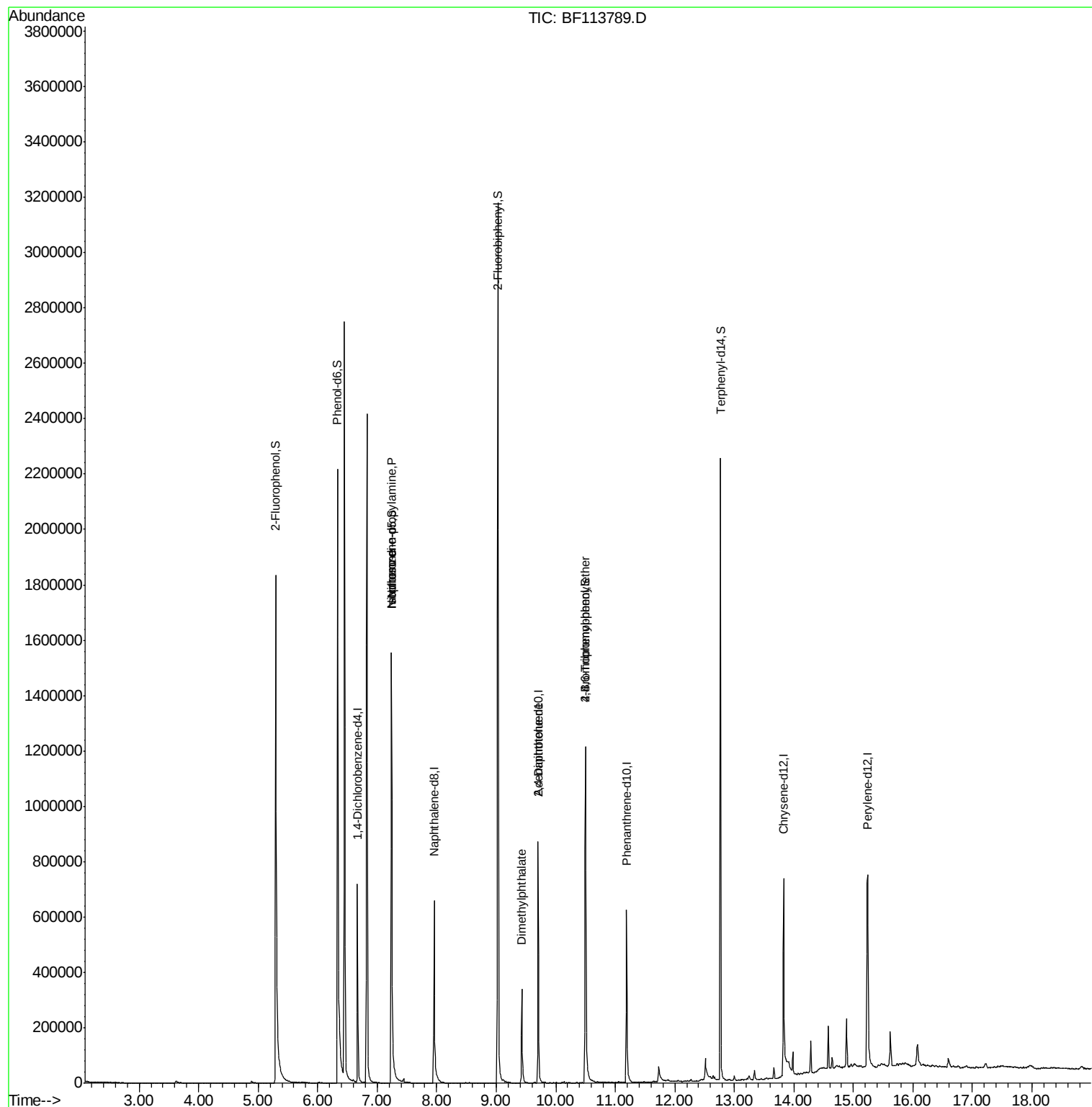
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	121034	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	437995	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	184882	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	317825	20.00	ng	0.00
76) Chrysene-d12	13.83	240	271491	20.00	ng	0.00
87) Perylene-d12	15.24	264	343625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	806496	113.63	ng	0.00
7) Phenol-d6	6.33	99	1041297	119.03	ng	0.00
23) Nitrobenzene-d5	7.24	82	604882	80.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	212960	95.89	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1044104	90.92	ng	0.00
79) Terphenyl-d14	12.77	244	826563	61.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	77228	14.316	ng	# 76
25) Isophorone	7.24	82	596040	41.379	ng	# 64
50) Dimethylphthalate	9.43	163	177364	13.014	ng	99
57) 2,4-Dinitrotoluene	9.70	165	22582	6.215	ng	# 28
67) 4-Bromophenyl-phenylether	10.50	248	12027	3.374	ng	# 1

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

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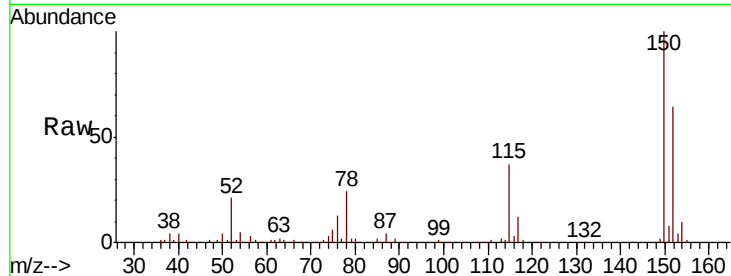


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF113789.D
Acq: 16 Apr 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.1	187.7
115	58.0	43.9	65.9

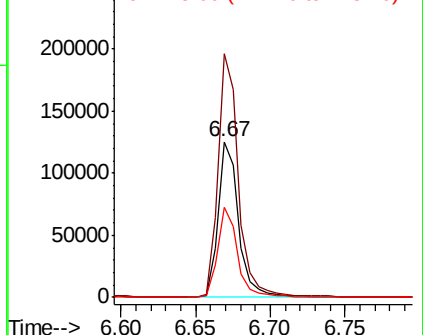
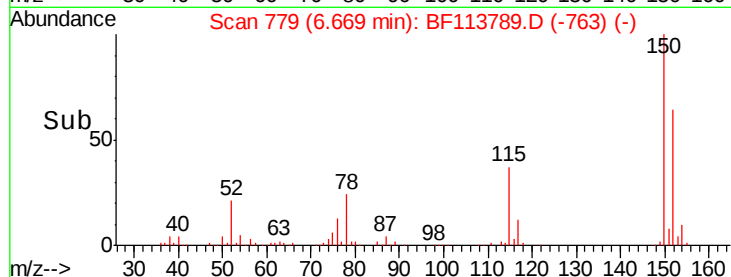


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

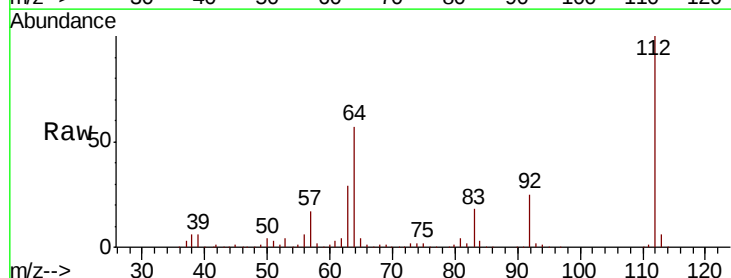
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.626 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF113789.D
Acq: 16 Apr 2019 13:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	49.0	73.4
63	28.9	24.2	36.4

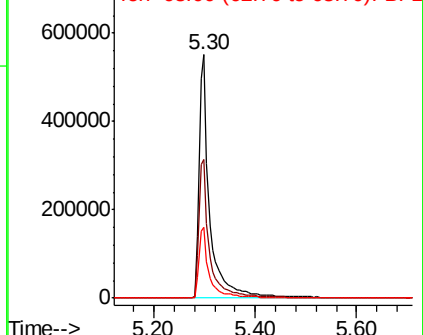
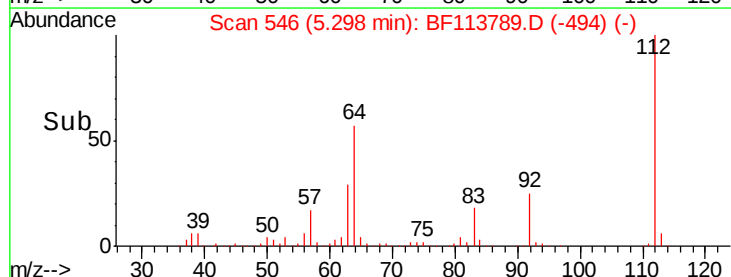


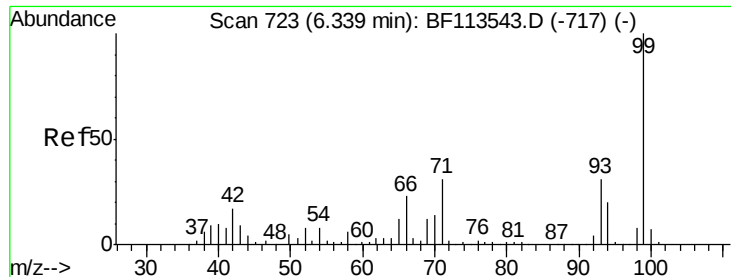
Abundance

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: 119.031 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113789.D

Acq: 16 Apr 2019 13:02

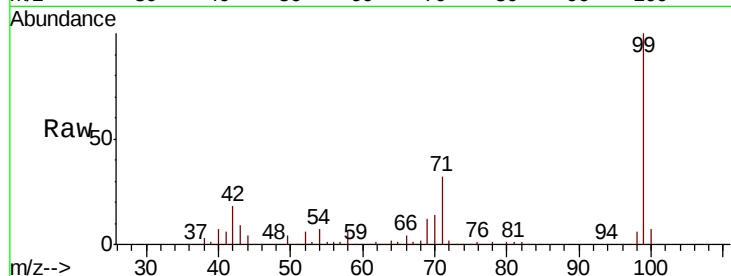
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1041297

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.2	22.8
71	31.6	25.4	38.2

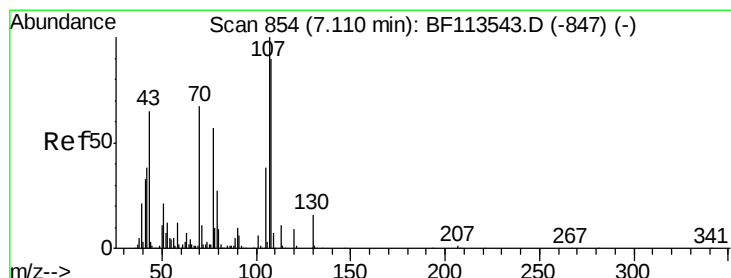
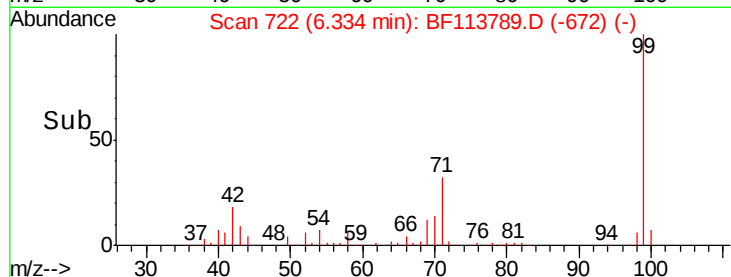
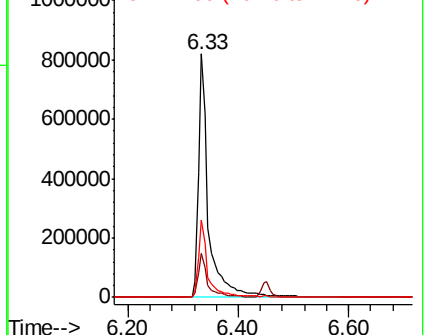


Abundance

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: 14.316 ng

RT: 7.24 min Scan# 876

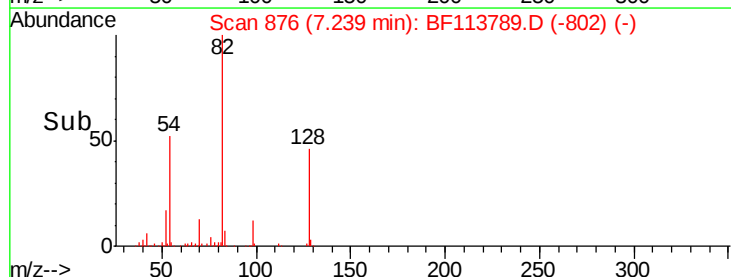
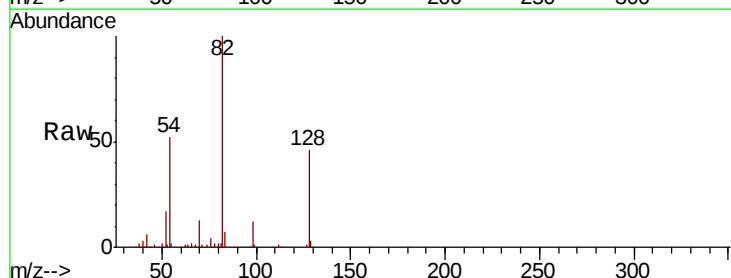
Delta R.T. 0.14 min

Lab File: BF113789.D

Acq: 16 Apr 2019 13:02

Tgt Ion: 70 Resp: 77228

Ion	Ratio	Lower	Upper
70	100		
42	48.5	49.0	73.6#
101	0.0	7.8	11.6#
130	2.2	17.8	26.6#



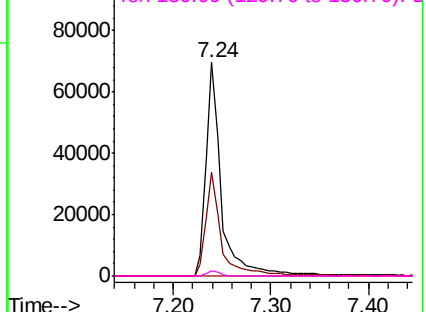
Abundance

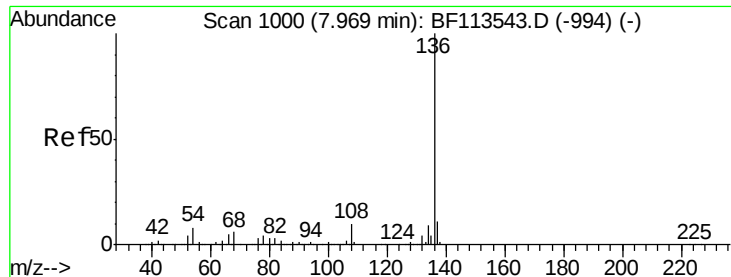
Ion 70.00 (69.70 to 70.70): BF1

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

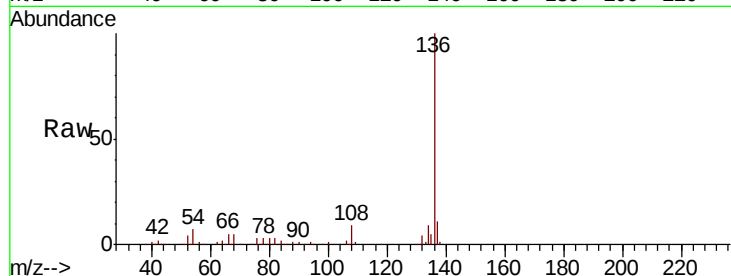




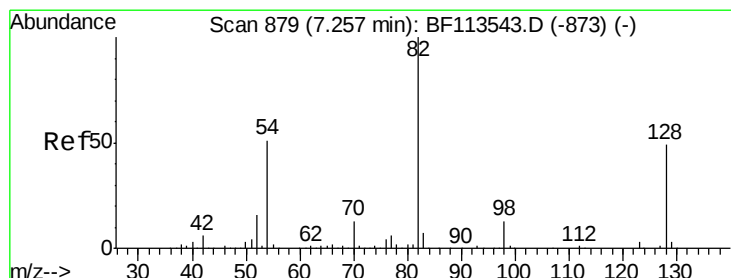
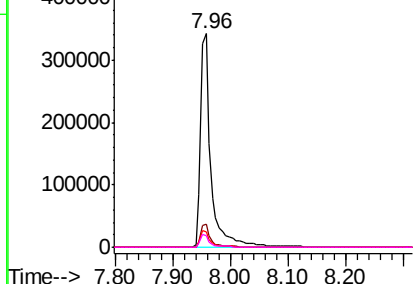
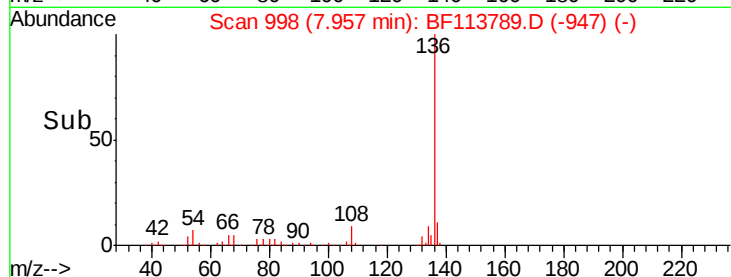
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF113789.D
Acq: 16 Apr 2019 13:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	437995
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	7.2	6.4 9.6
68	5.3	4.6 7.0

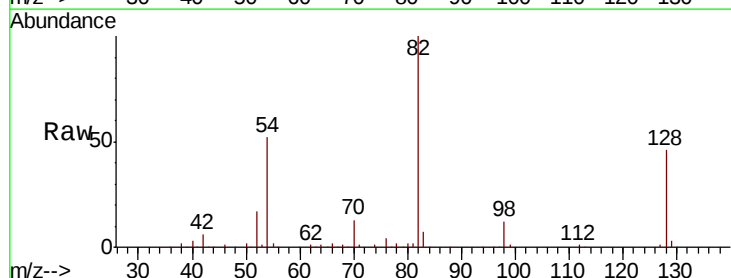


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

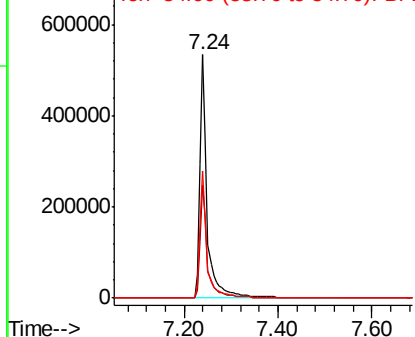
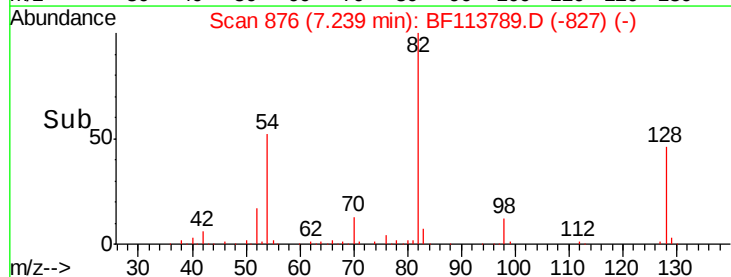


#23
Nitrobenzene-d5
Concen: 80.894 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF113789.D
Acq: 16 Apr 2019 13:02

Tgt Ion: 82	Resp:	604882
Ion	Ratio	Lower Upper
82	100	
128	46.4	38.2 57.2
54	52.3	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

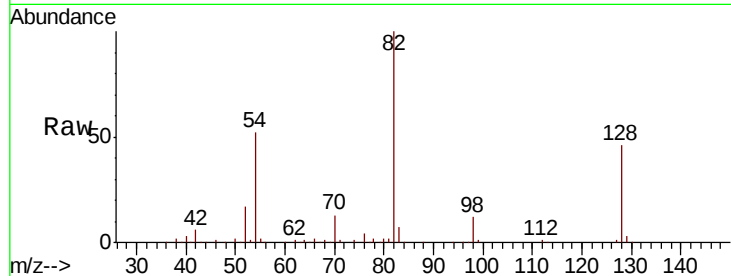




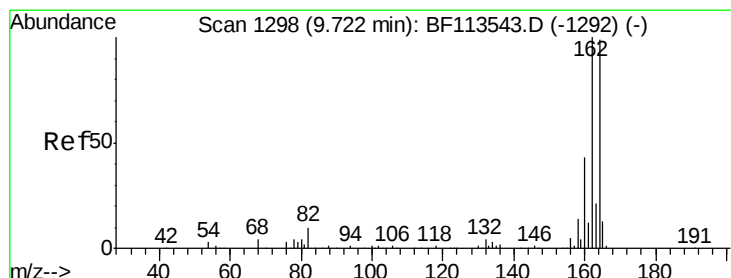
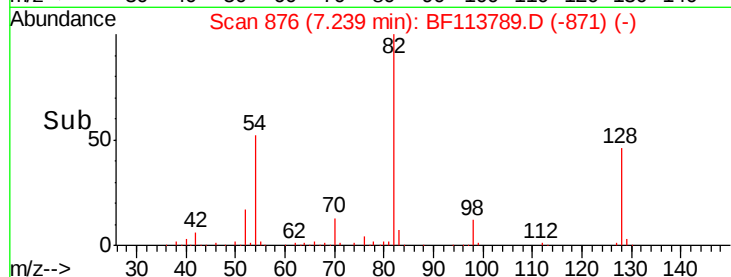
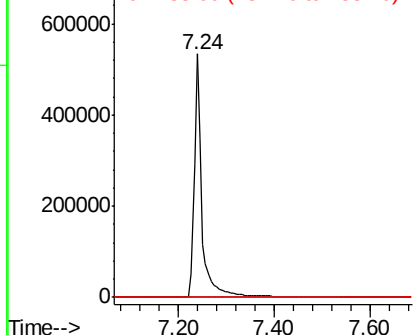
#25
Isophorone
Concen: 41.379 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.27 min
Lab File: BF113789.D
Acq: 16 Apr 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 596040
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

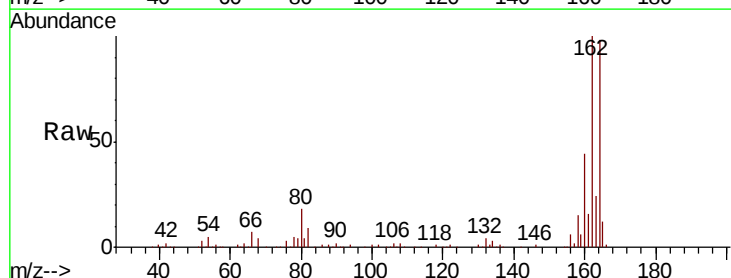


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

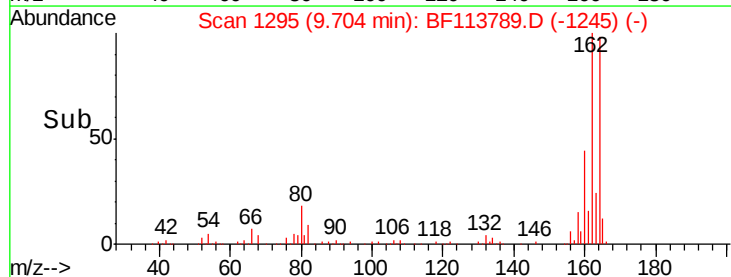
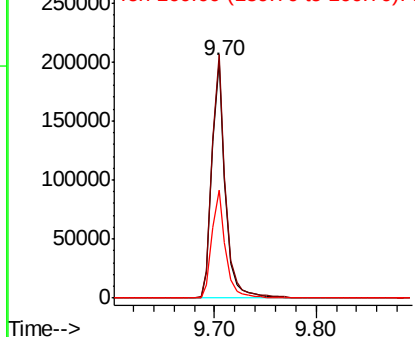


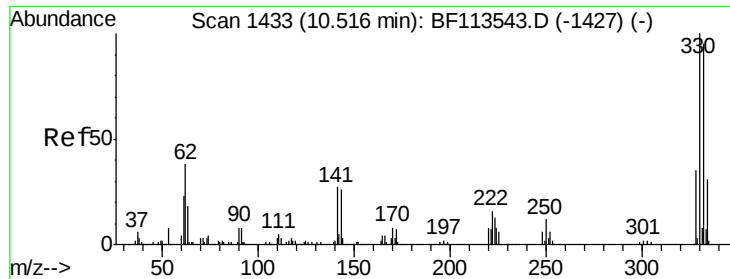
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF113789.D
Acq: 16 Apr 2019 13:02

Tgt Ion:164 Resp: 184882
Ion Ratio Lower Upper
164 100
162 102.5 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

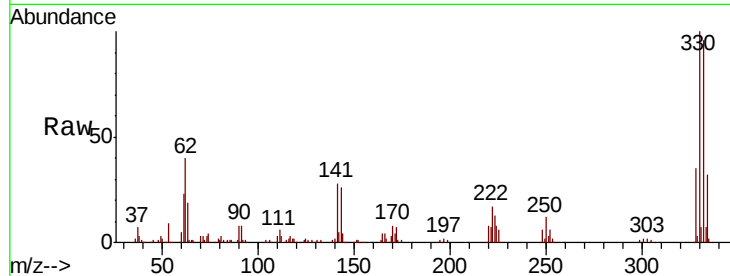




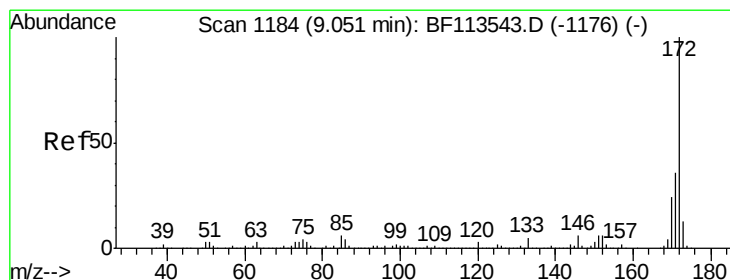
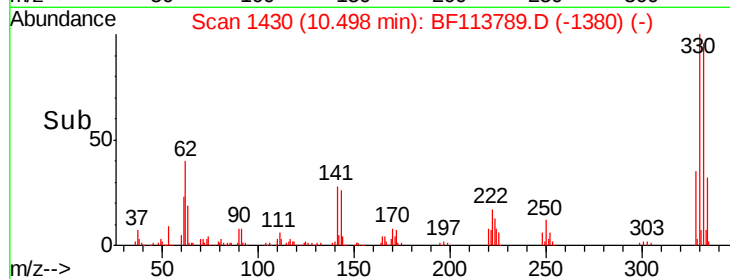
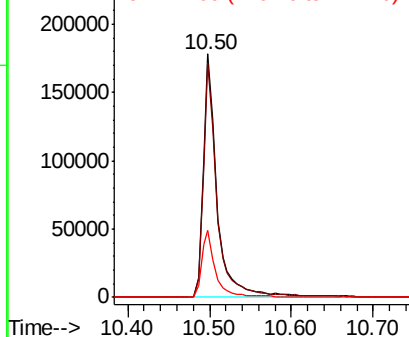
#42
 2,4,6-Tribromophenol
 Concen: 95.890 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF113789.D
 Acq: 16 Apr 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 212960
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.8 115.2
 141 27.9 21.0 31.4

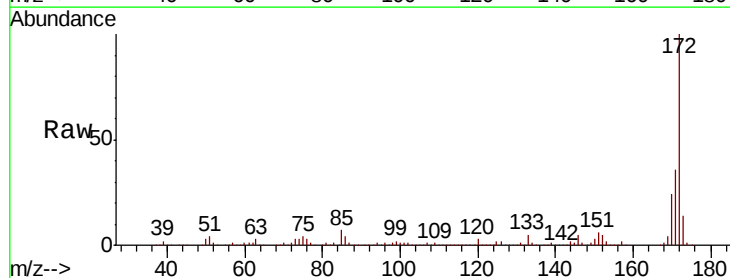


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

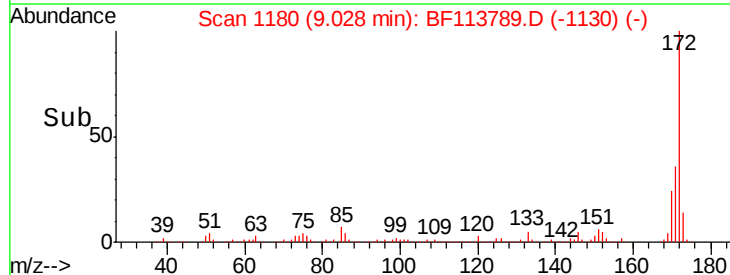
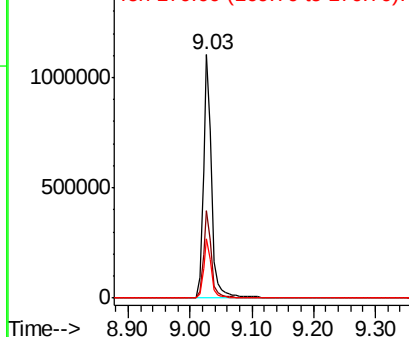


#45
 2-Fluorobiphenyl
 Concen: 90.917 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF113789.D
 Acq: 16 Apr 2019 13:02

Tgt Ion:172 Resp: 1044104
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.3 43.9
 170 24.4 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

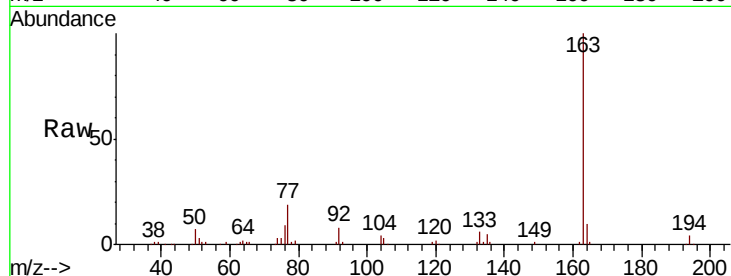




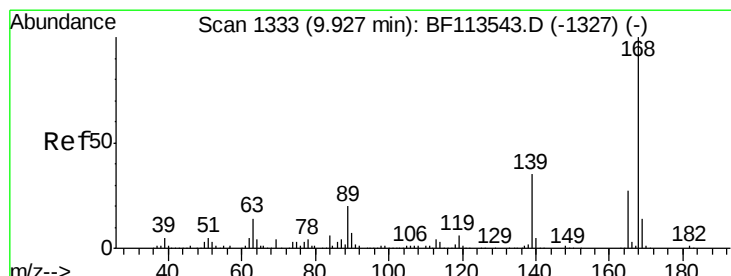
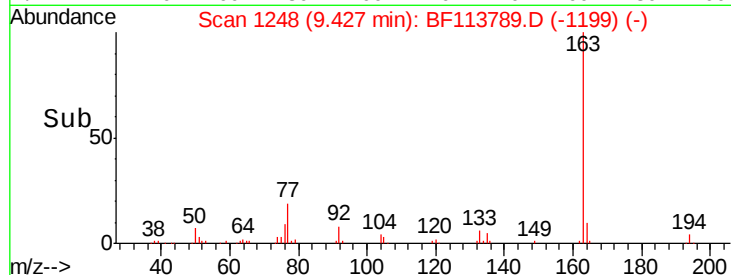
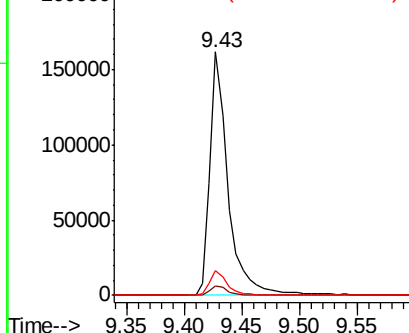
#50
Dimethylphthalate
Concen: 13.014 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF113789.D
Acq: 16 Apr 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.0	8.3	12.5

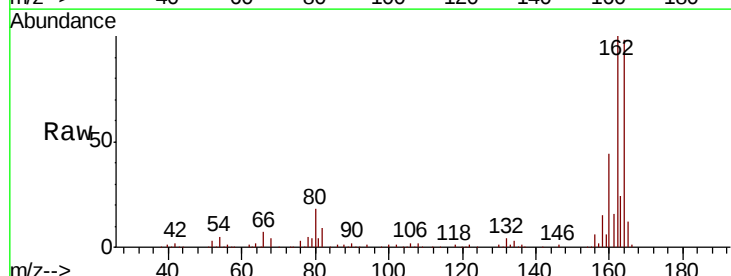


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

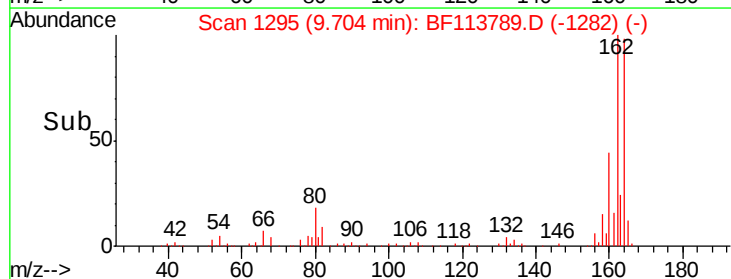
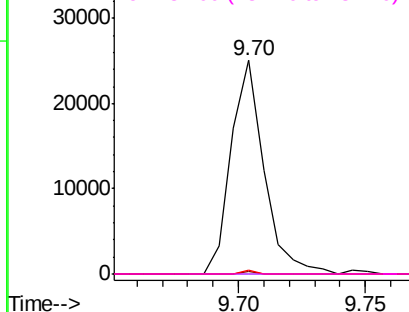


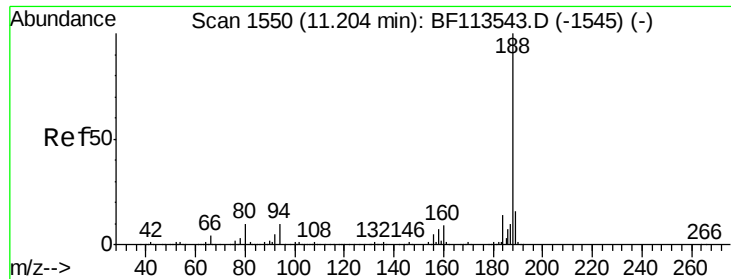
#57
2,4-Dinitrotoluene
Concen: 6.215 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.22 min
Lab File: BF113789.D
Acq: 16 Apr 2019 13:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.2	48.2#
89	1.5	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

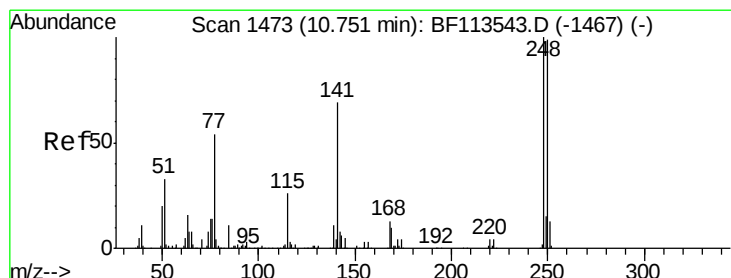
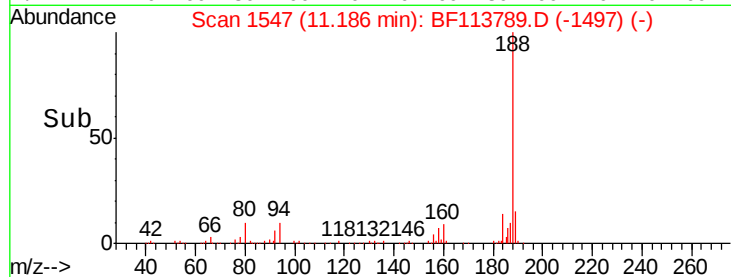
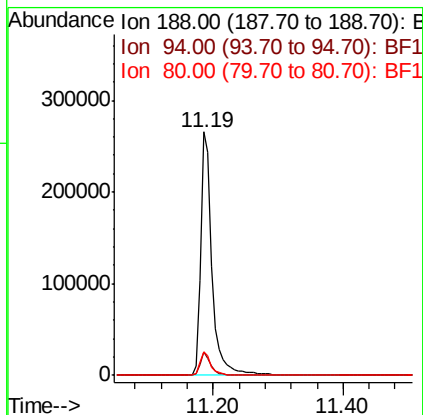
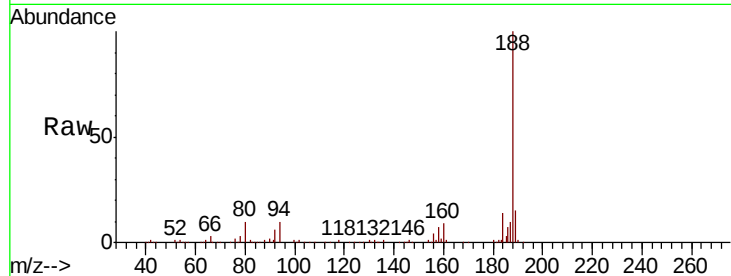




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF113789.D
 Acq: 16 Apr 2019 13:02

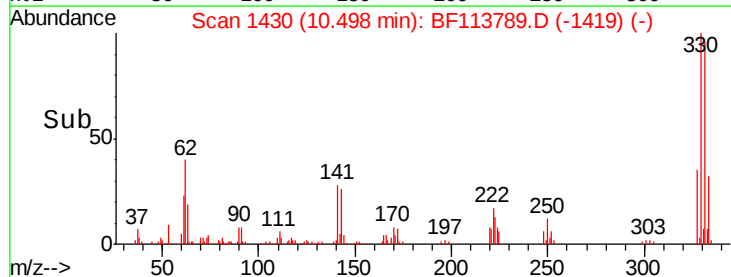
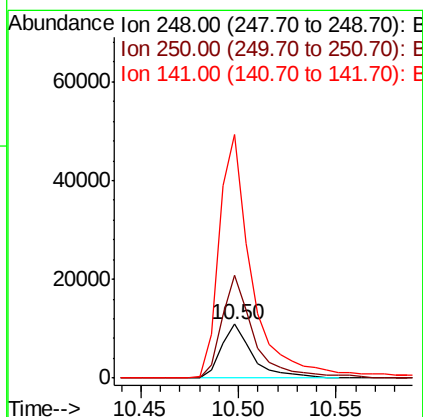
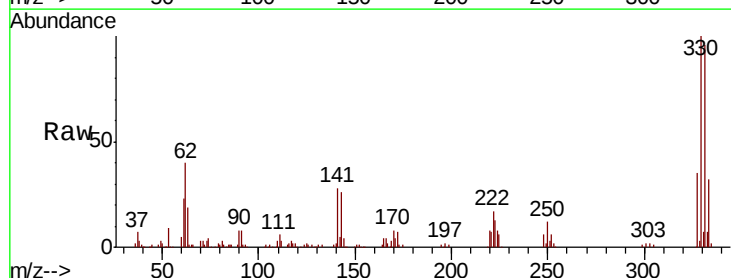
Instrument :
 BNA_F
 ClientSampleId :

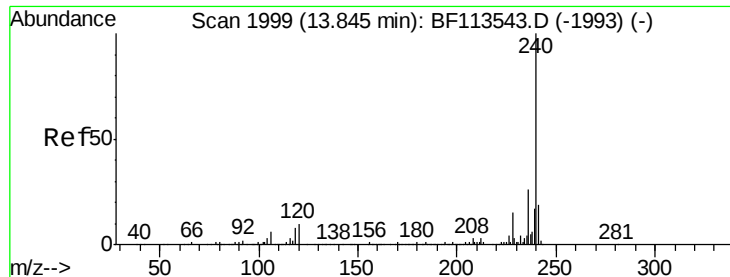
Tot Ion:188 Resp: 317825
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.2 10.8
 80 9.9 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.374 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.24 min
 Lab File: BF113789.D
 Acq: 16 Apr 2019 13:02

Tgt Ion:248 Resp: 12027
 Ion Ratio Lower Upper
 248 100
 250 190.7 77.8 116.6#
 141 451.5 55.3 82.9#

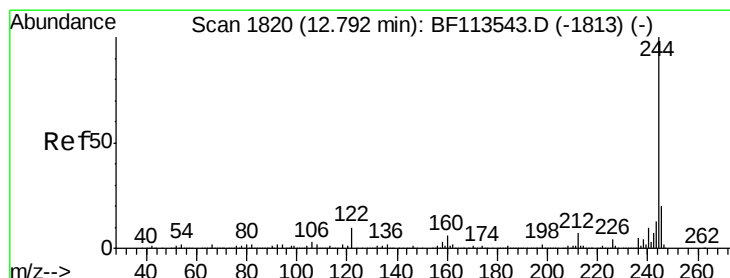
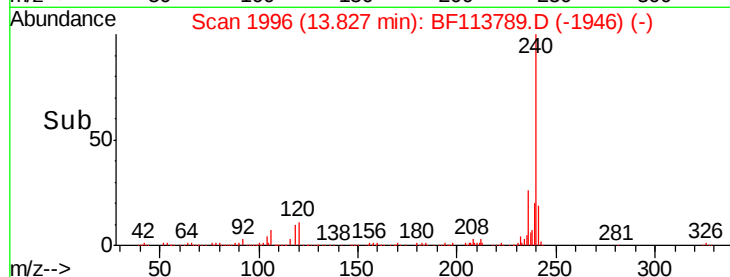
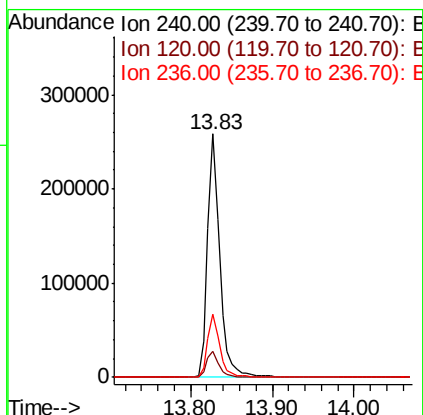
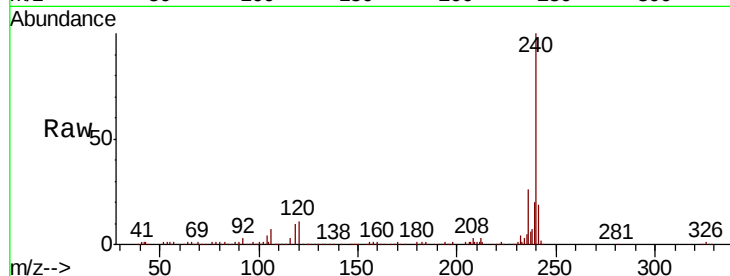




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF113789.D
 Acq: 16 Apr 2019 13:02

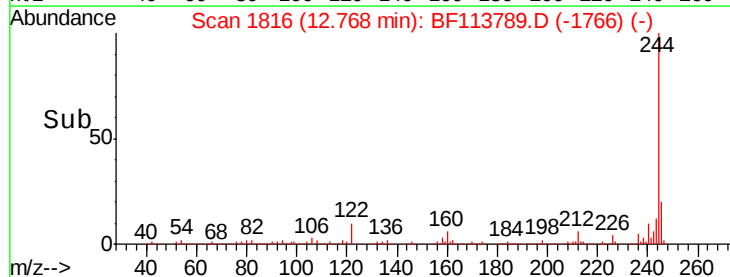
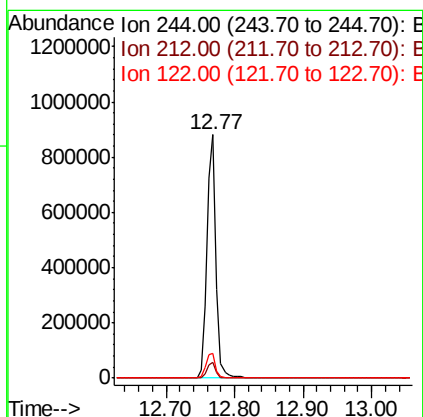
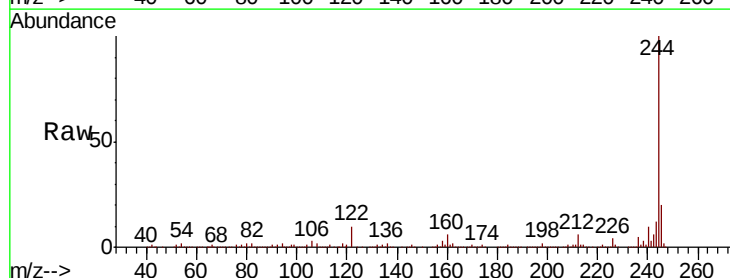
Instrument :
 BNA_F
 ClientSampleId :

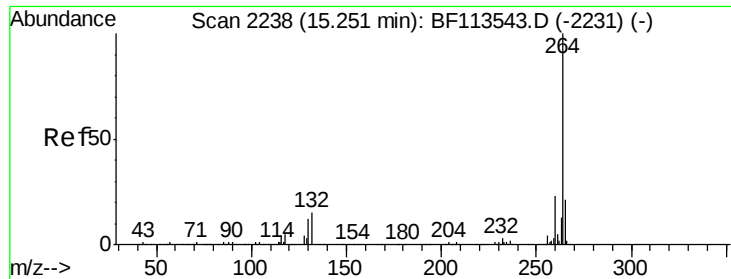
Tot Ion:240 Resp: 271491
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.5 12.7
 236 25.7 21.0 31.6



#79
 Terphenyl-d14
 Concen: 61.987 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF113789.D
 Acq: 16 Apr 2019 13:02

Tgt Ion:244 Resp: 826563
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 9.9 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: BF113789.D
Acq: 16 Apr 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	21.3	17.4	26.0

