

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113196.D
 Acq On : 21 Mar 2019 4:22
 Operator : JU/SJ
 Sample : K1943-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:25:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135622	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	469750	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	233273	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	442555	20.00	ng	0.00
76) Chrysene-d12	13.86	240	386282	20.00	ng	0.00
87) Perylene-d12	15.27	264	293974	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	890537	102.14	ng	0.02
7) Phenol-d6	6.37	99	1057205	96.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	753275	95.95	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	338632	136.74	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1381659	104.33	ng	0.00
79) Terphenyl-d14	12.82	244	1476920	74.12	ng	0.00

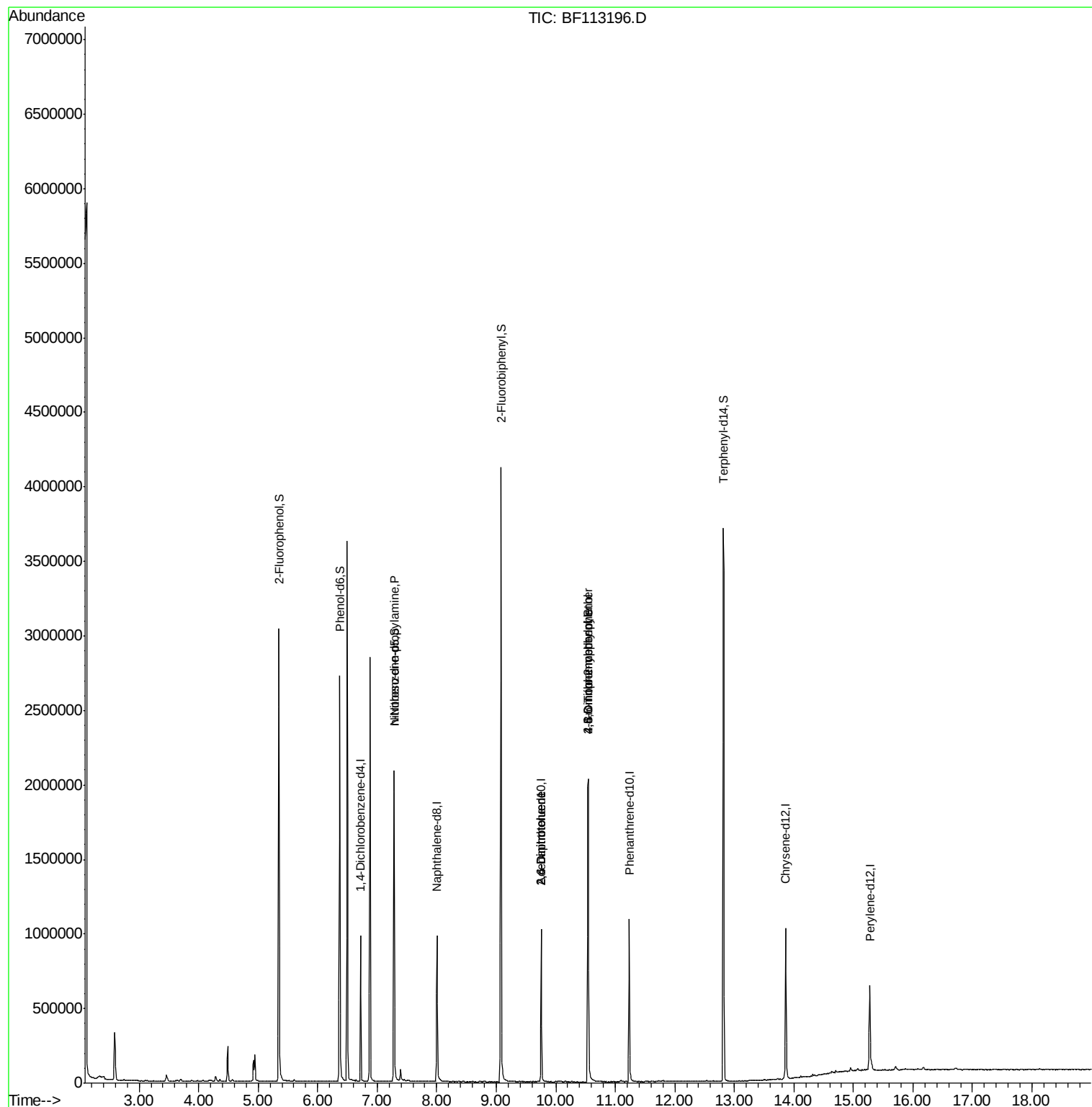
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	99033	14.277	ng	# 75
51) 2,6-Dinitrotoluene	9.75	165	28650	7.999	ng	# 23
57) 2,4-Dinitrotoluene	9.75	165	28650	6.435	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.55	198	532	4.877	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	18816	4.037	ng	# 1

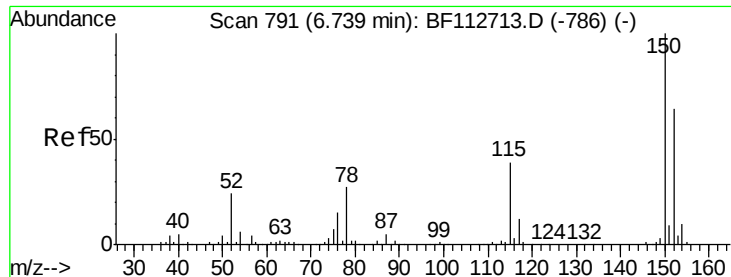
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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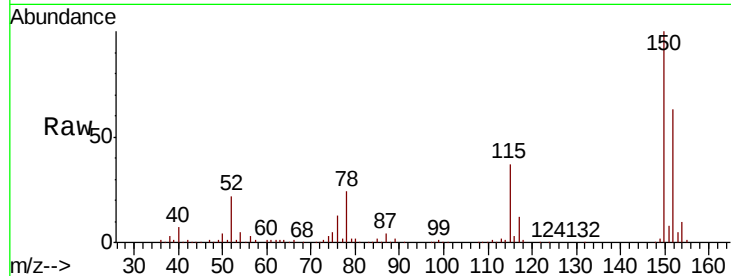


#1

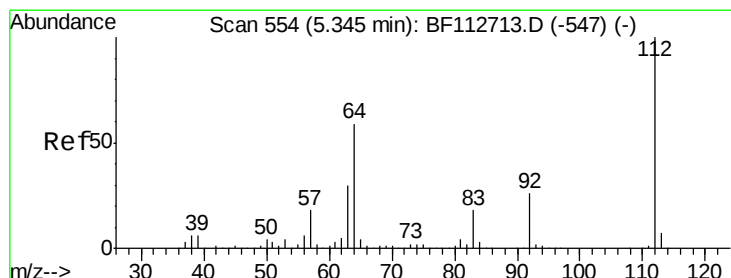
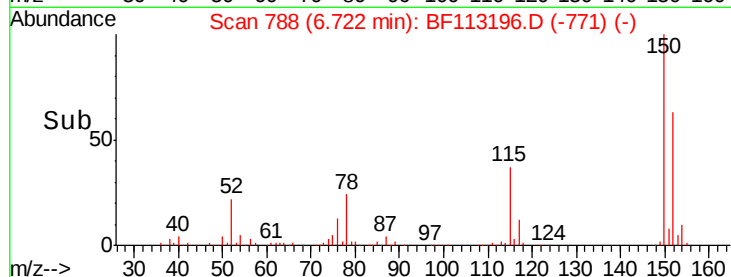
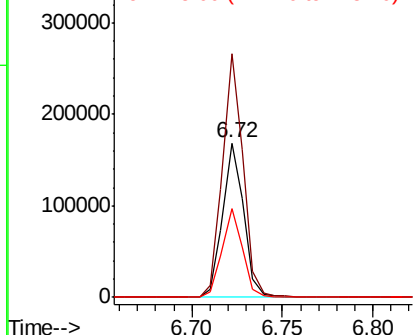
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113196.D
Acq: 21 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.0	184.6
115	57.7	45.9	68.9



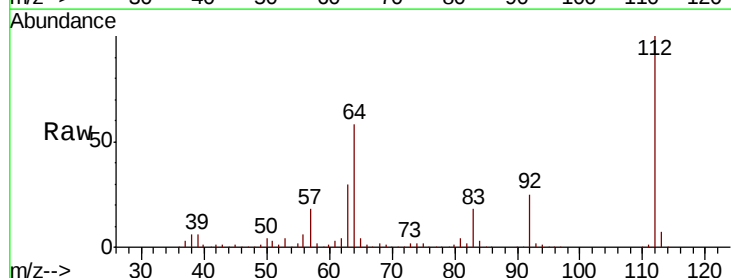
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



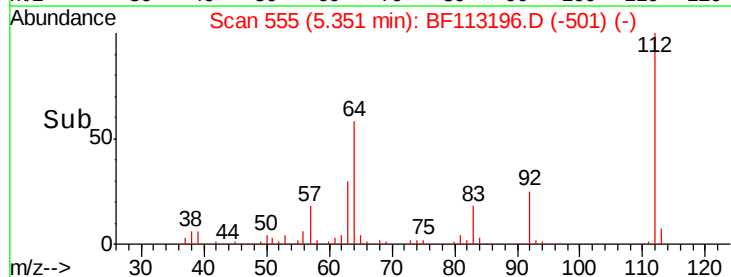
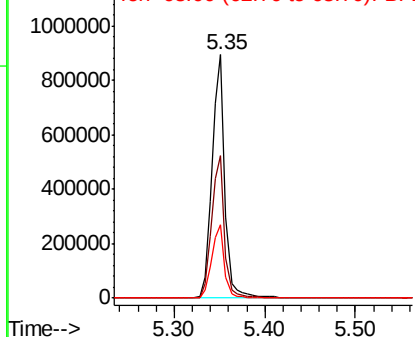
#5

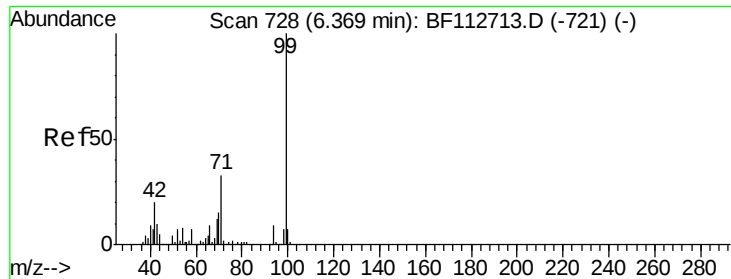
2-Fluorophenol
Concen: 102.142 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF113196.D
Acq: 21 Mar 2019 4:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	49.3	73.9
63	29.9	25.4	38.2



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: 96.531 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113196.D

Acq: 21 Mar 2019 4:22

Instrument :

BNA_F

ClientSampleId :

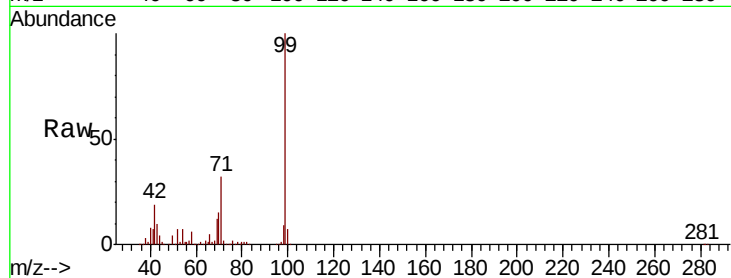
Tot Ion: 99 Resp: 1057205

Ion Ratio Lower Upper

99 100

42 19.1 15.2 22.8

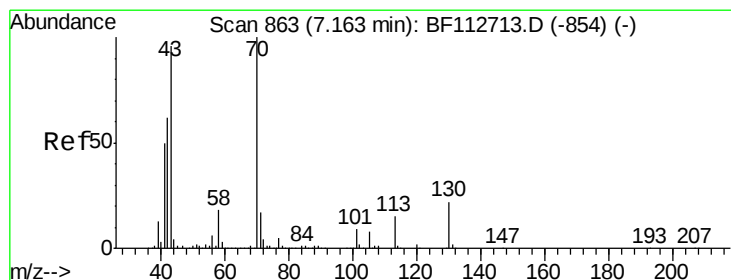
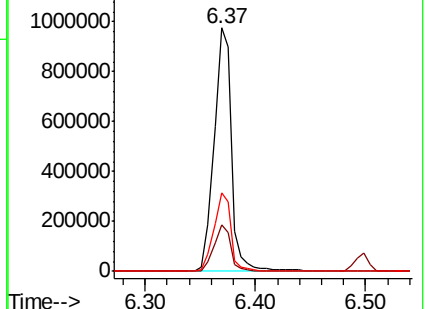
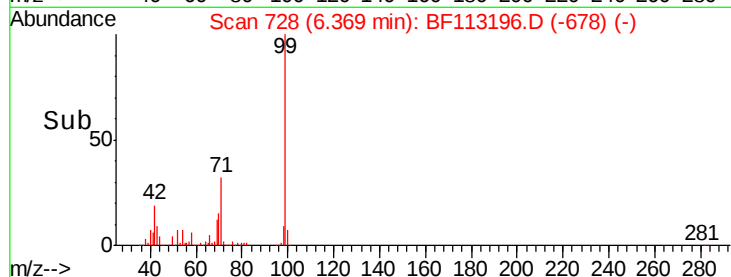
71 32.4 25.7 38.5



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: 14.277 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF113196.D

Acq: 21 Mar 2019 4:22

Tgt Ion: 70 Resp: 99033

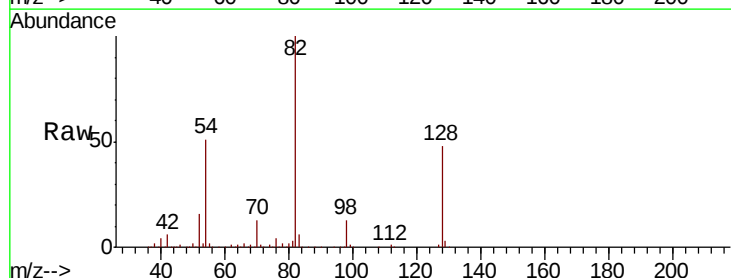
Ion Ratio Lower Upper

70 100

42 47.8 50.4 75.6#

101 0.0 7.5 11.3#

130 2.5 17.0 25.6#

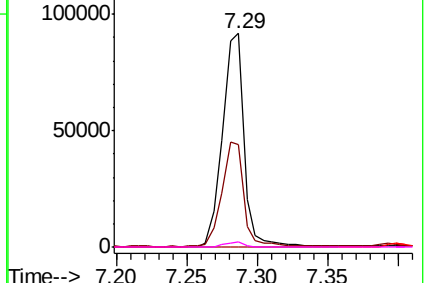
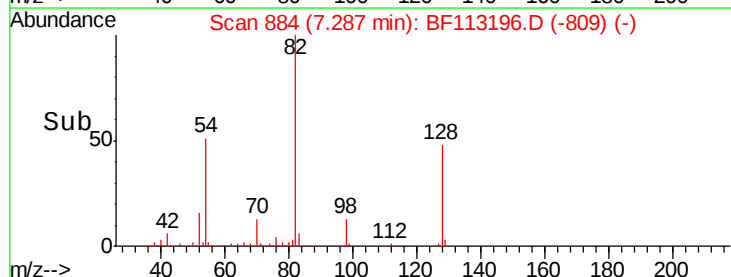


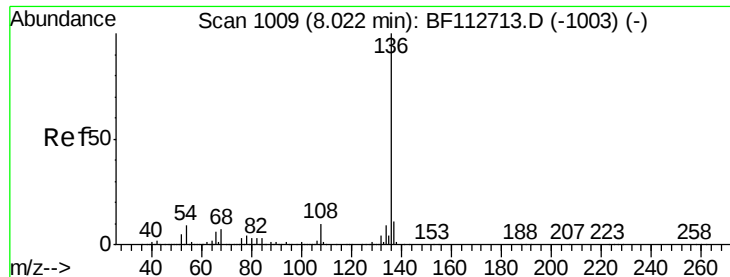
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

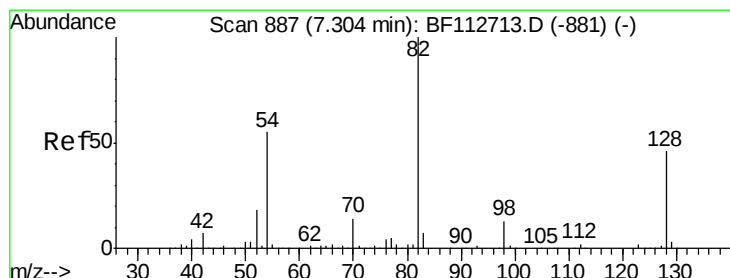
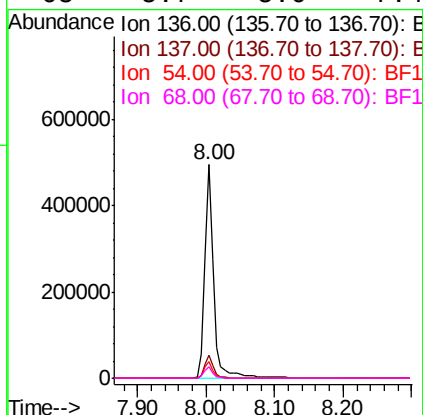
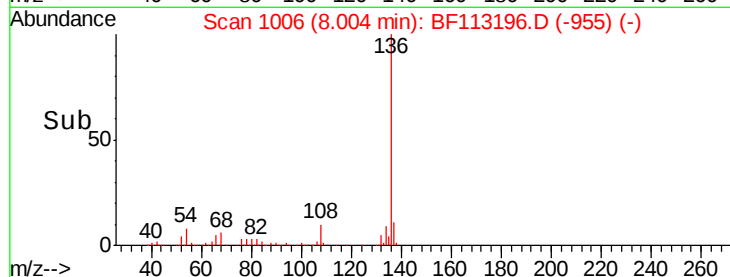
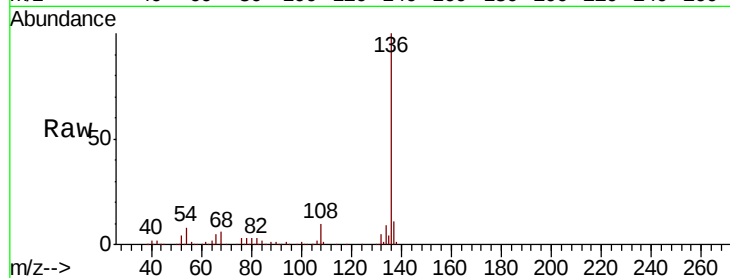




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF113196.D
Acq: 21 Mar 2019 4:22

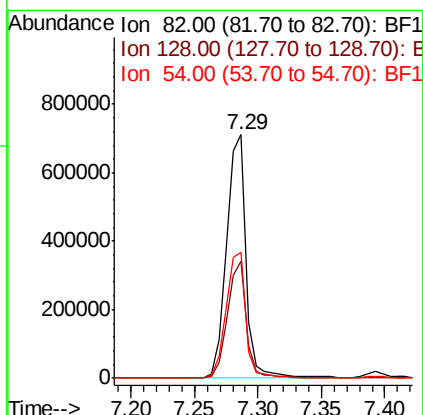
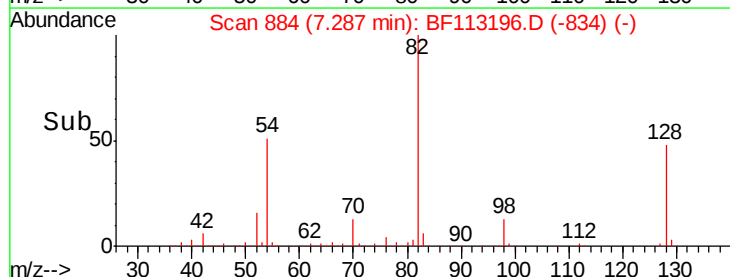
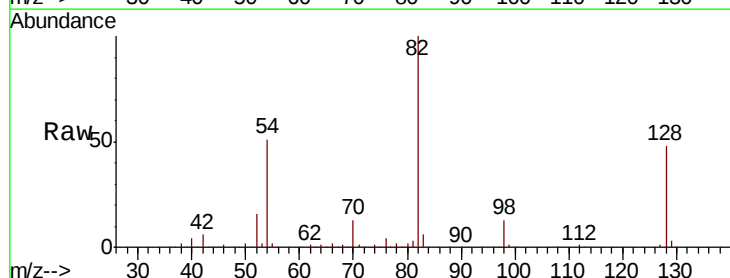
Instrument :
BNA_F
ClientSampleId :

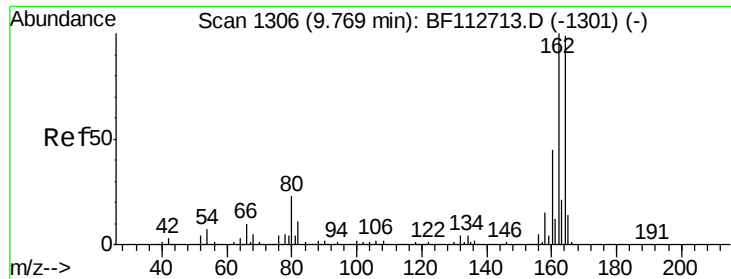
Tot Ion:136	Resp:	469750
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.9	7.0 10.6
68	5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 95.954 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113196.D
Acq: 21 Mar 2019 4:22

Tgt Ion: 82	Resp:	753275
Ion Ratio	Lower	Upper
82	100	
128	47.9	37.9 56.9
54	51.5	41.2 61.8

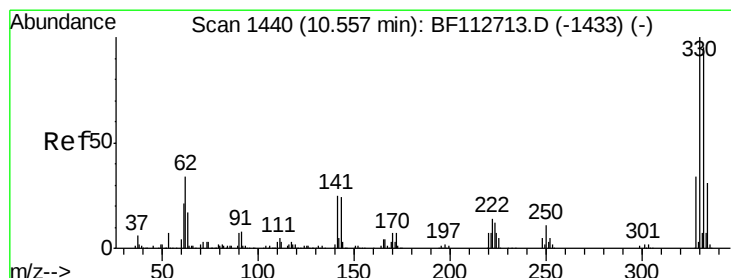
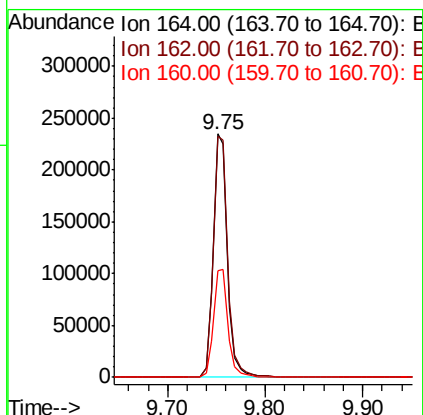
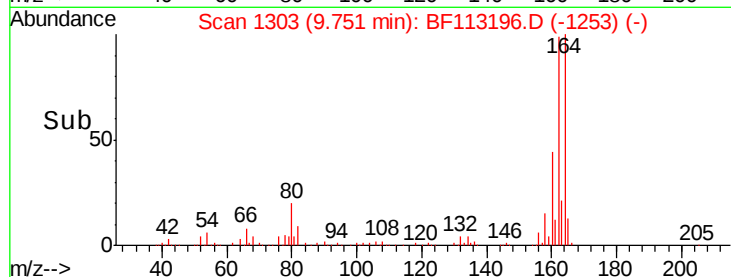
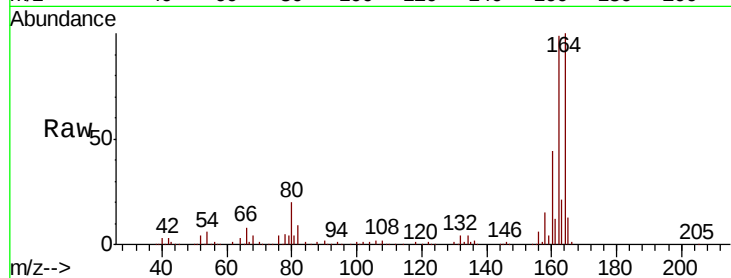




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

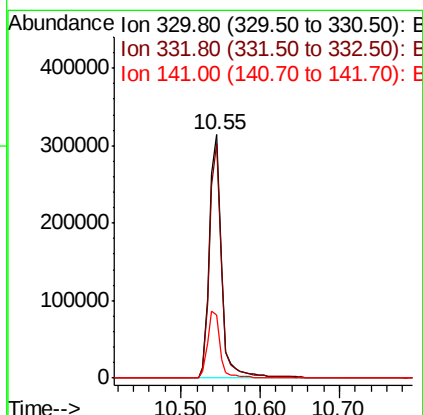
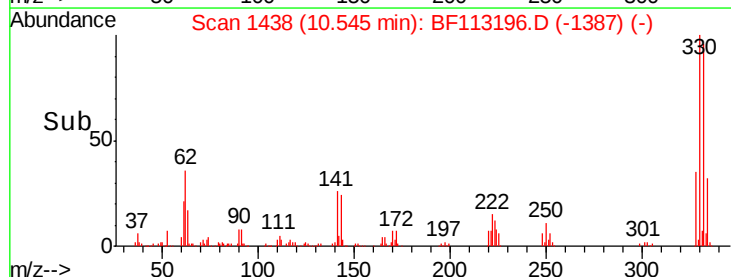
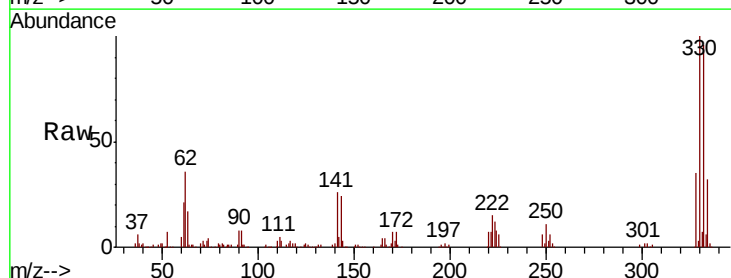
Instrument :
 BNA_F
 ClientSampleId :

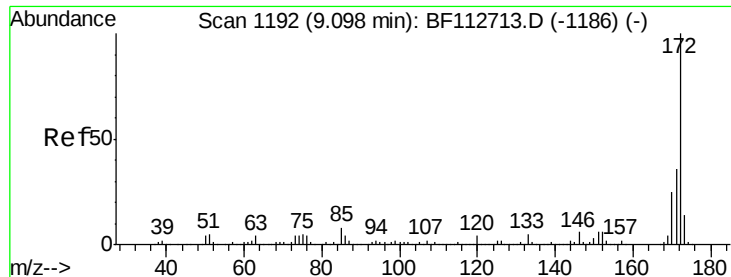
Tot Ion:164 Resp: 233273
 Ion Ratio Lower Upper
 164 100
 162 98.9 80.8 121.2
 160 43.8 36.2 54.2



#42
 2,4,6-Tribromophenol
 Concen: 136.739 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

Tgt Ion:330 Resp: 338632
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.3 114.5
 141 29.0 22.3 33.5

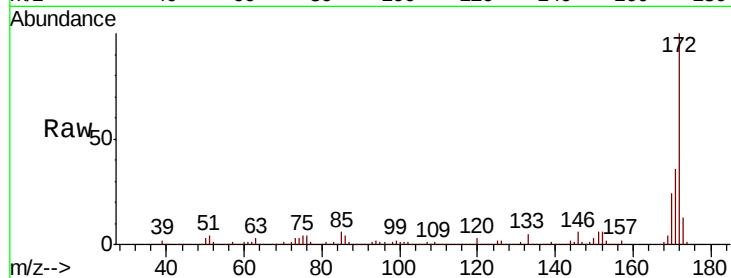




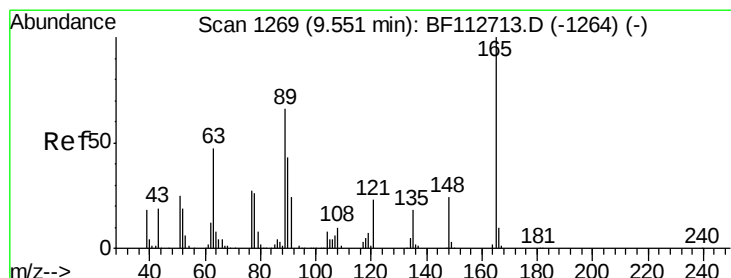
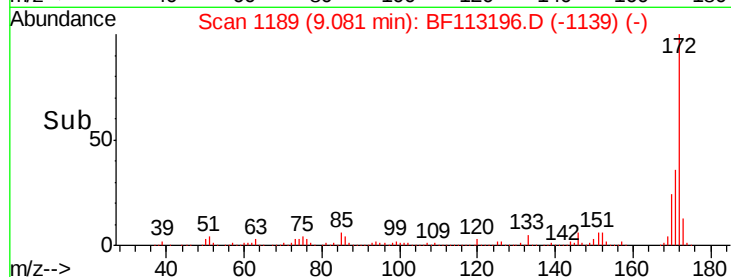
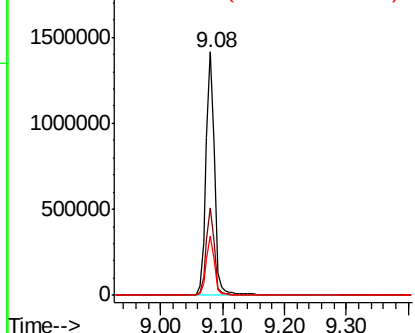
#45
 2-Fluorobiphenyl
 Concen: 104.330 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1381659
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 24.2 20.1 30.1

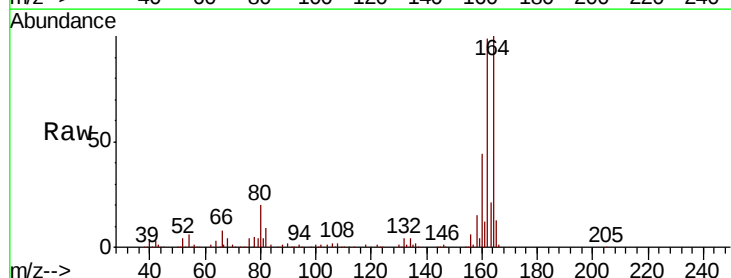


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

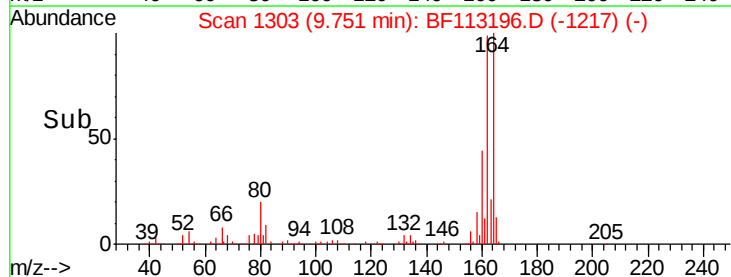
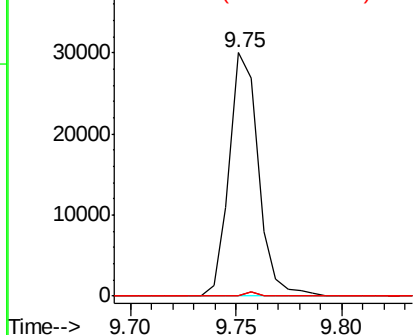


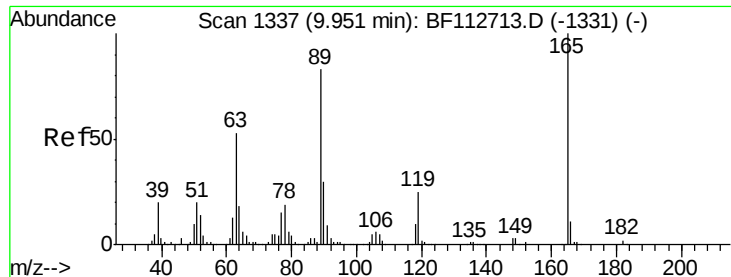
#51
 2,6-Dinitrotoluene
 Concen: 7.999 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

Tgt Ion:165 Resp: 28650
 Ion Ratio Lower Upper
 165 100
 63 0.0 45.4 68.2#
 89 0.0 43.8 65.6#



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

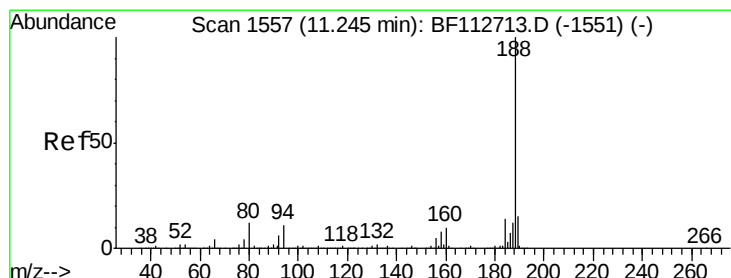
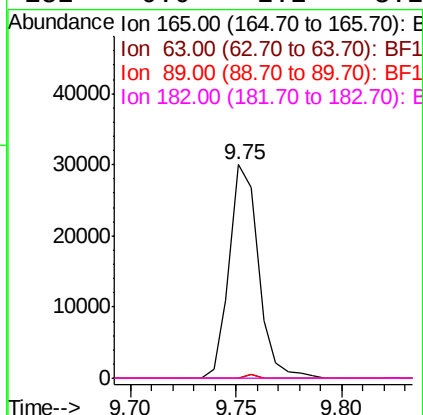
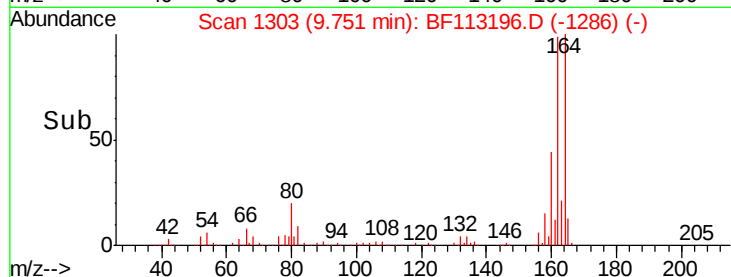
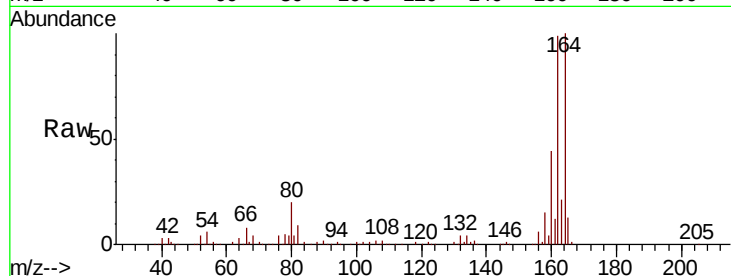




#57
 2,4-Dinitrotoluene
 Concen: 6.435 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

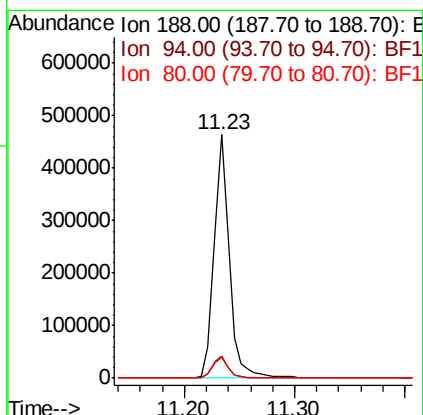
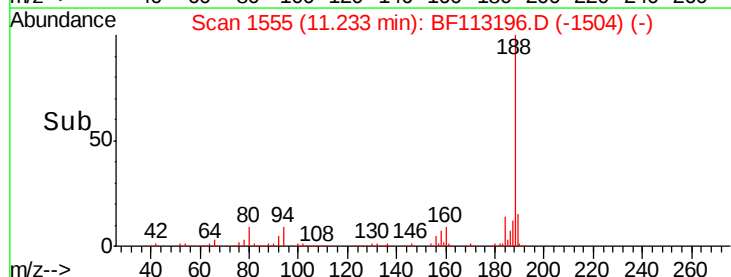
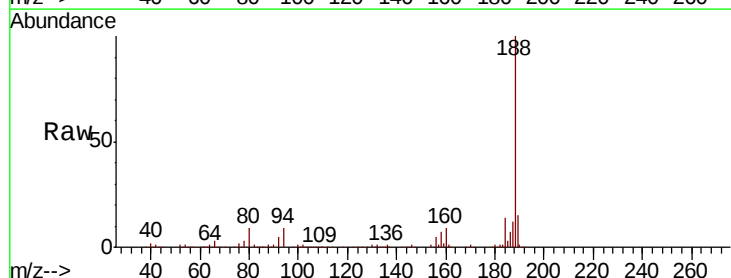
Instrument :
 BNA_F
 ClientSampleId :

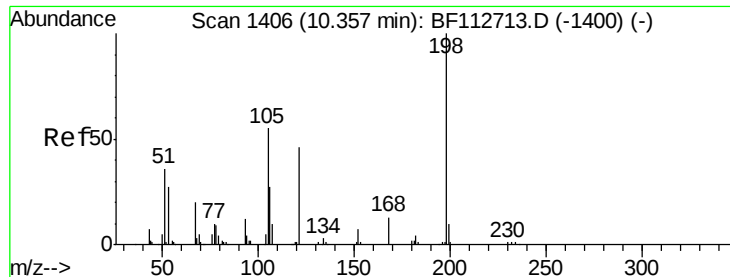
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.9	56.9#
89	0.0	58.5	87.7#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.2	7.9	11.9

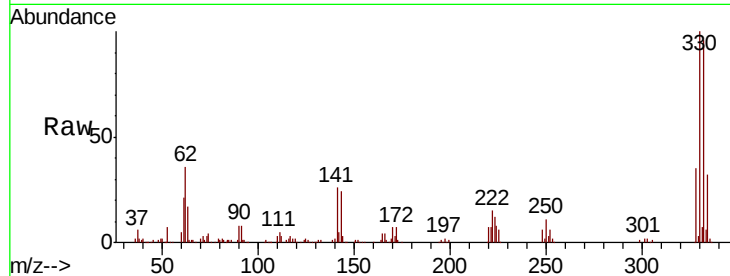




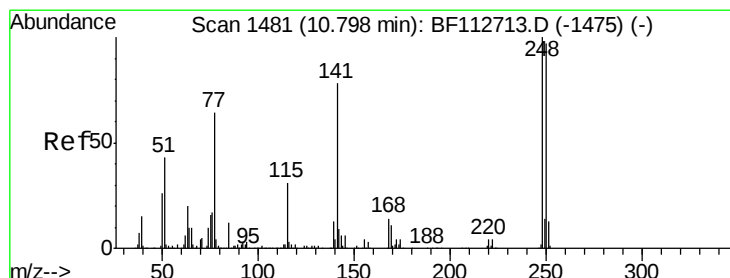
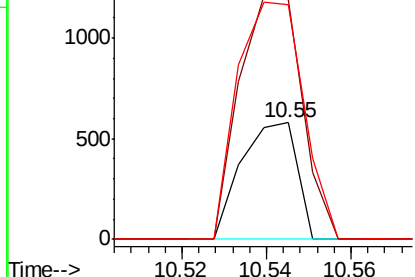
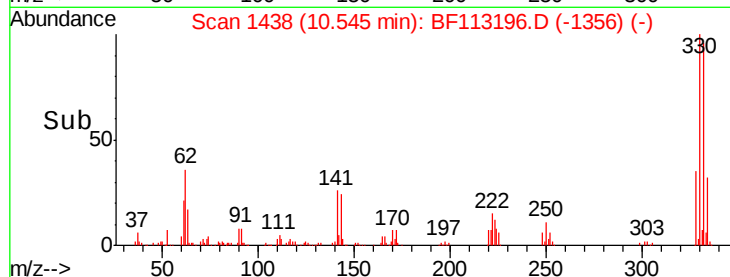
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.877 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 532
 Ion Ratio Lower Upper
 198 100
 51 205.9 25.5 65.5#
 105 201.2 23.2 63.2#

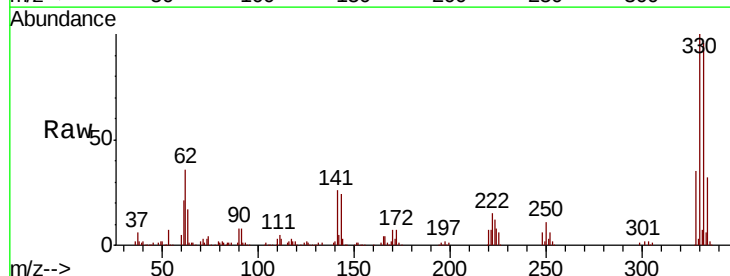


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

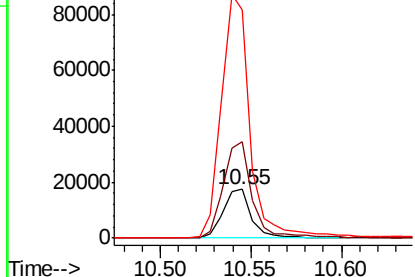
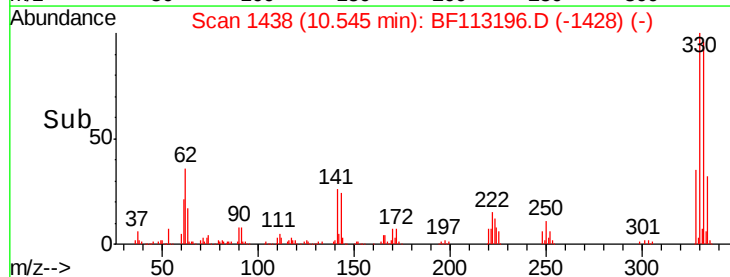


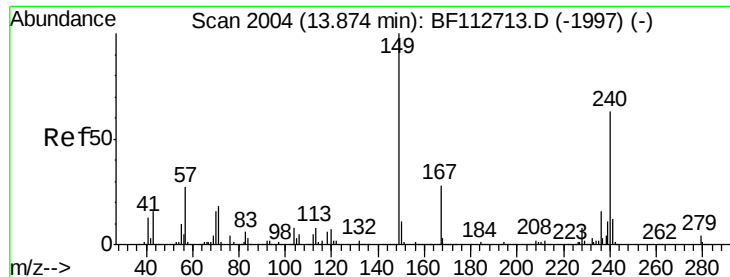
#67
 4-Bromophenyl-phenylether
 Concen: 4.037 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

Tgt Ion:248 Resp: 18816
 Ion Ratio Lower Upper
 248 100
 250 199.4 78.4 117.6#
 141 471.0 45.9 68.9#



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

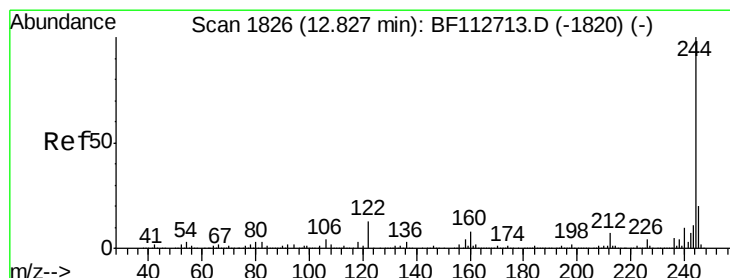
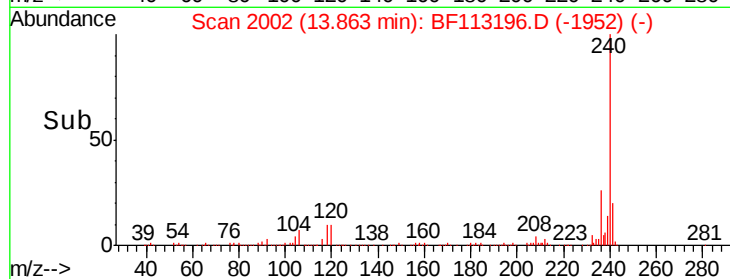
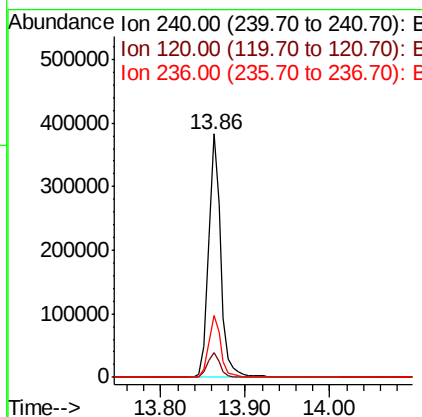
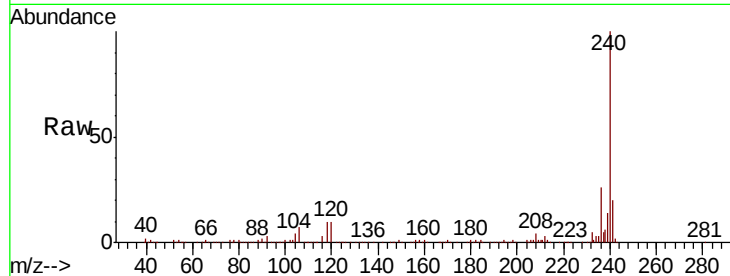




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

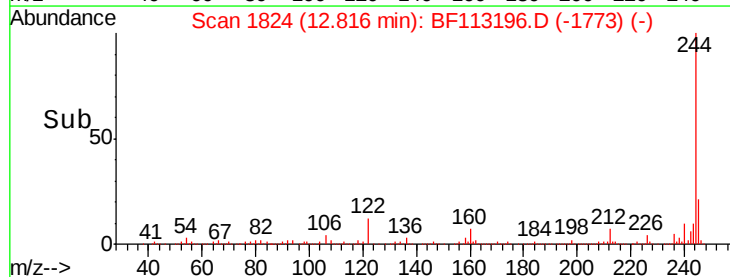
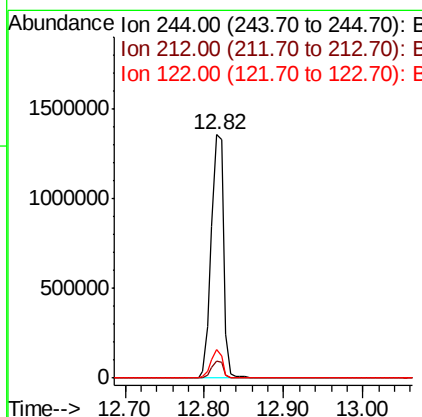
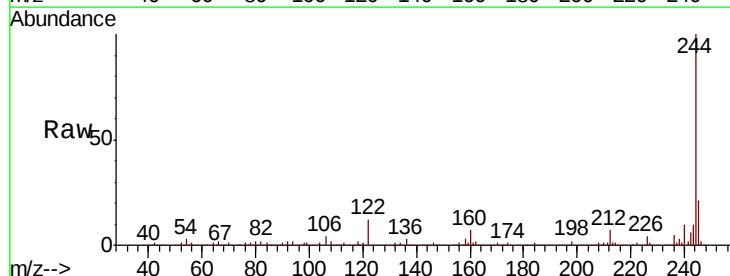
Instrument :
 BNA_F
 ClientSampleID :

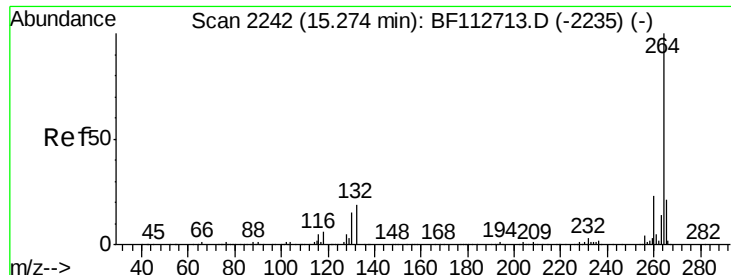
Tot Ion:240 Resp: 386282
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.6 12.8
 236 25.6 21.2 31.8



#79
 Terphenyl-d14
 Concen: 74.117 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

Tgt Ion:244 Resp: 1476920
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.7 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF113196.D
Acq: 21 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.7	26.5

