

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
 Data File : BF113236.D
 Acq On : 22 Mar 2019 15:56
 Operator : JU/SJ
 Sample : K2018-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 22 23:27:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

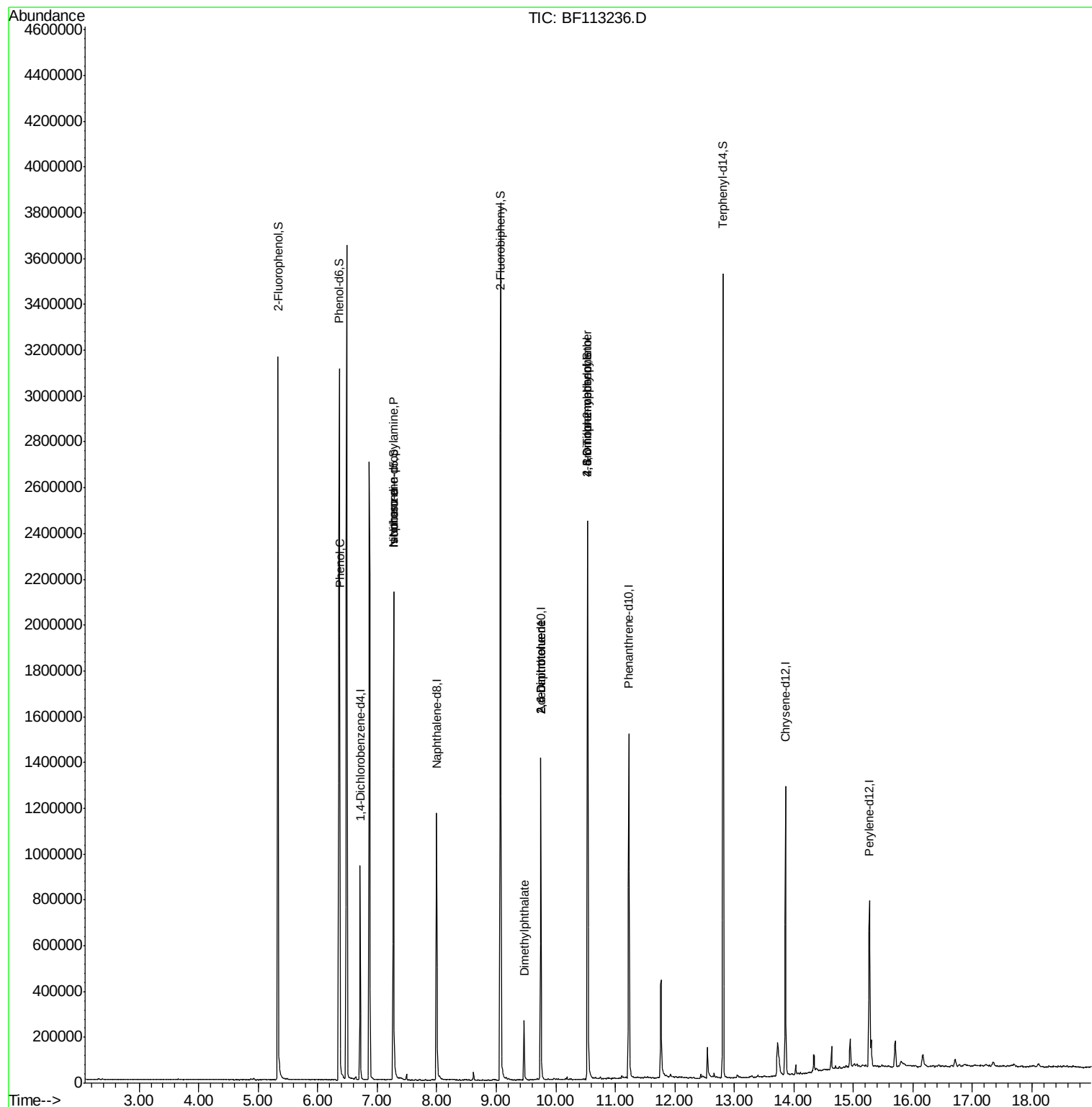
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150055	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	609518	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	295822	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	580567	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	432233	20.00	ng	-0.01
87) Perylene-d12	15.27	264	340465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	933249	96.75	ng	-0.01
7) Phenol-d6	6.36	99	1219811	100.66	ng	-0.01
23) Nitrobenzene-d5	7.27	82	770824	75.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	385425	122.73	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1242367	65.50	ng	-0.02
79) Terphenyl-d14	12.81	244	1341641	60.17	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	59023	4.174	ng	92
19) n-Nitroso-di-n-propylamine	7.27	70	100327	13.073	ng	# 76
25) Isophorone	7.27	82	760151	34.640	ng	# 66
50) Dimethylphthalate	9.47	163	123947	5.682	ng	# 98
51) 2,6-Dinitrotoluene	9.75	165	38097	8.387	ng	# 18
57) 2,4-Dinitrotoluene	9.75	165	38097	6.747	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.54	198	628	4.851	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	22083	3.611	ng	# 1

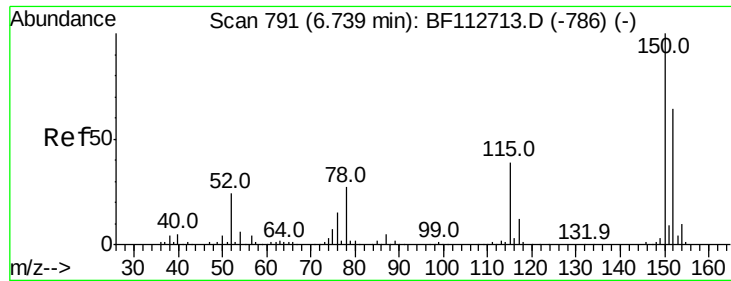
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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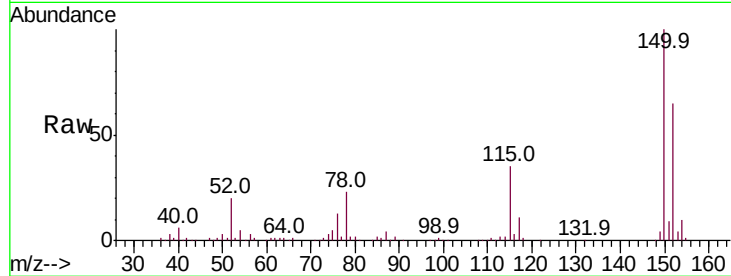


#1

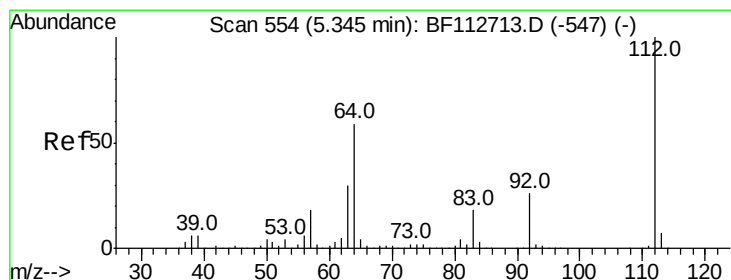
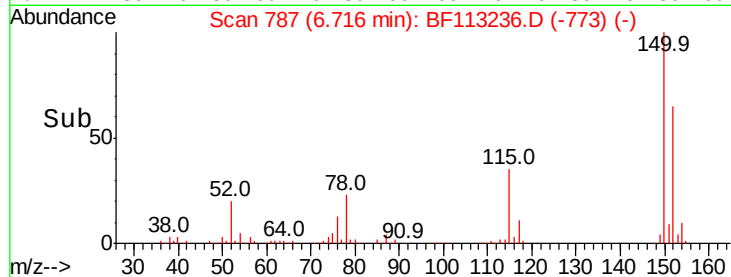
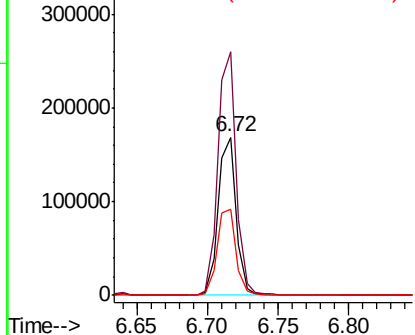
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113236.D
Acq: 22 Mar 2019 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150055
Ion Ratio Lower Upper
152 100
150 153.7 124.2 186.2
115 54.4 48.2 72.4



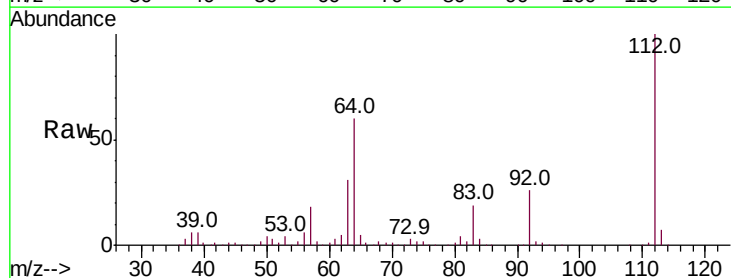
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



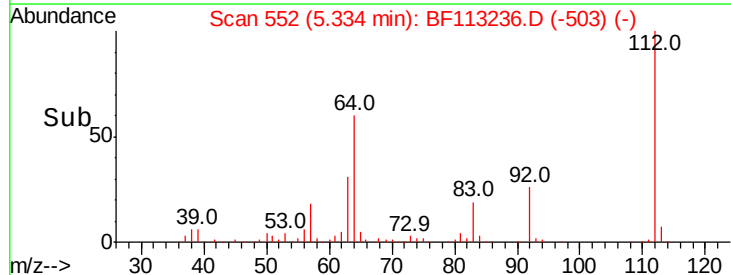
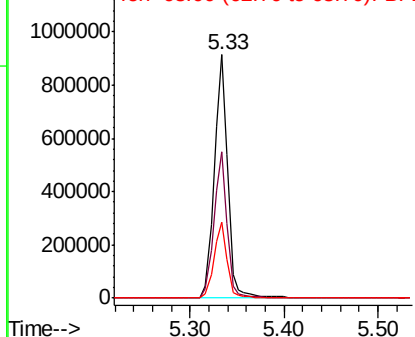
#5

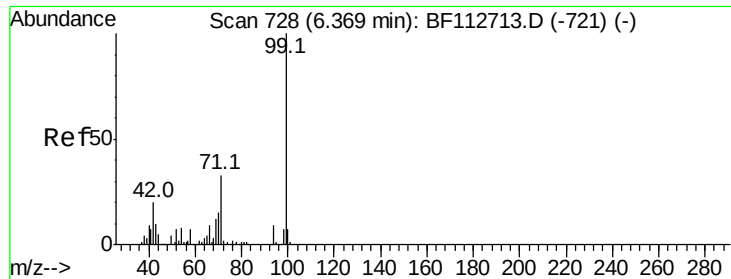
2-Fluorophenol
Concen: 96.745 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113236.D
Acq: 22 Mar 2019 15:56

Tgt Ion:112 Resp: 933249
Ion Ratio Lower Upper
112 100
64 60.2 47.6 71.4
63 30.9 24.4 36.6



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: 100.665 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113236.D

Acq: 22 Mar 2019 15:56

Instrument :

BNA_F

ClientSampled :

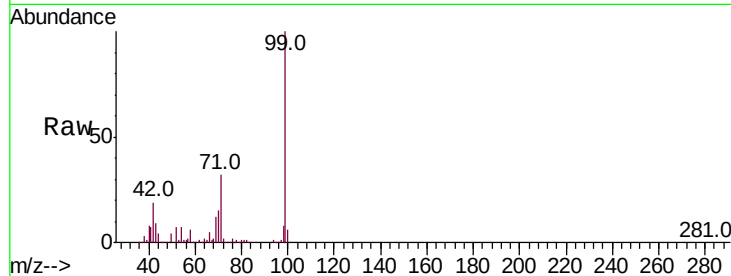
Tot Ion: 99 Resp: 1219811

Ion Ratio Lower Upper

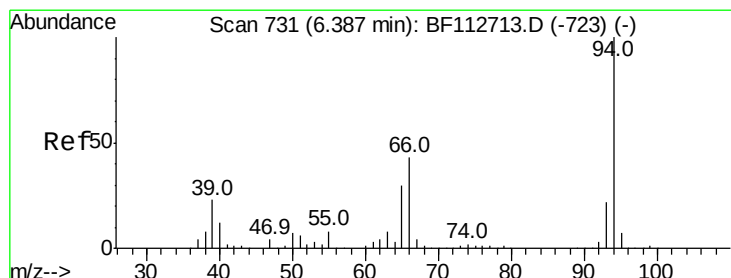
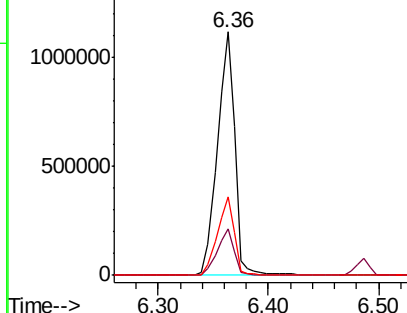
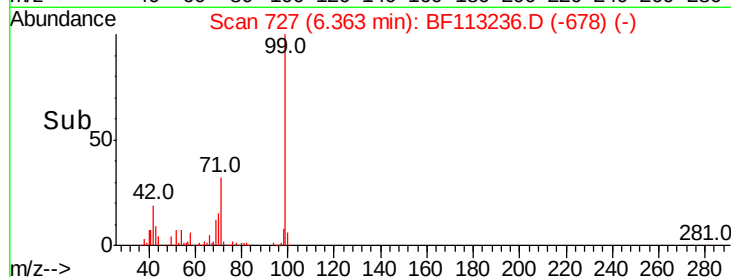
99 100

42 18.9 16.3 24.5

71 32.3 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.174 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF113236.D

Acq: 22 Mar 2019 15:56

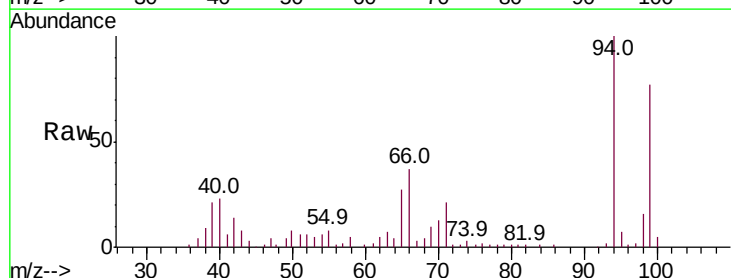
Tgt Ion: 94 Resp: 59023

Ion Ratio Lower Upper

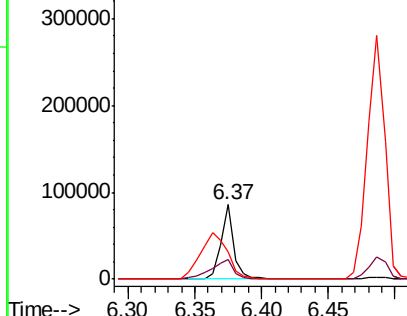
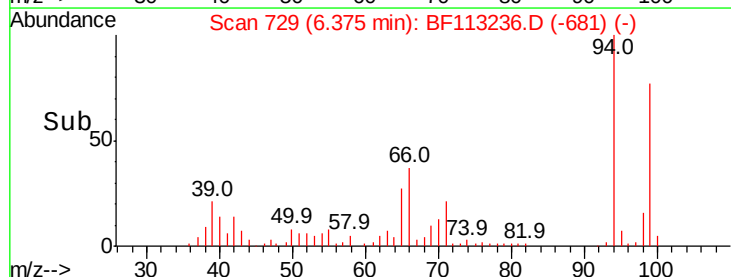
94 100

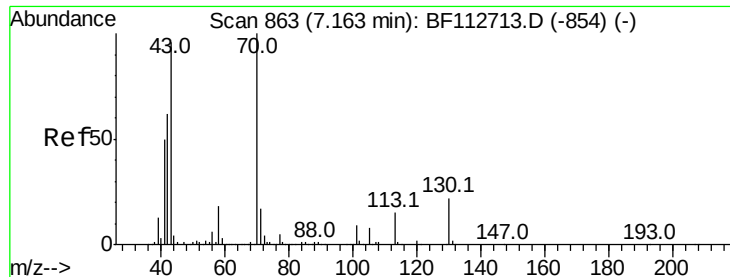
65 27.4 10.5 50.5

66 36.5 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
300000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 13.073 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.12 min

Lab File: BF113236.D

Acq: 22 Mar 2019 15:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 100327

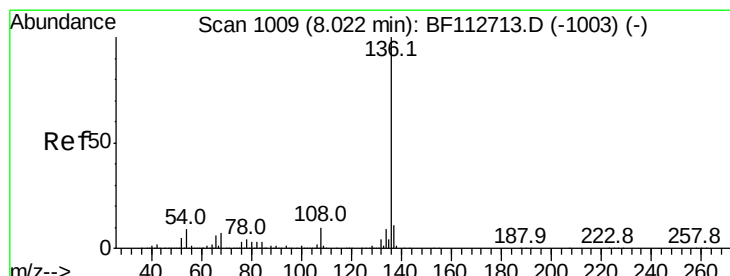
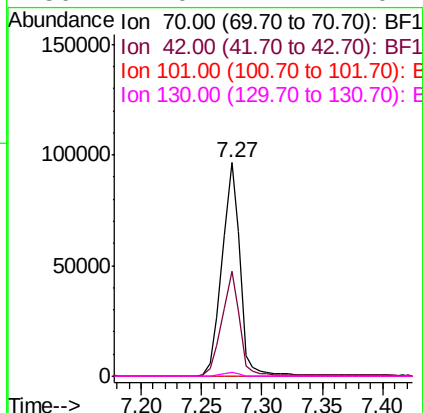
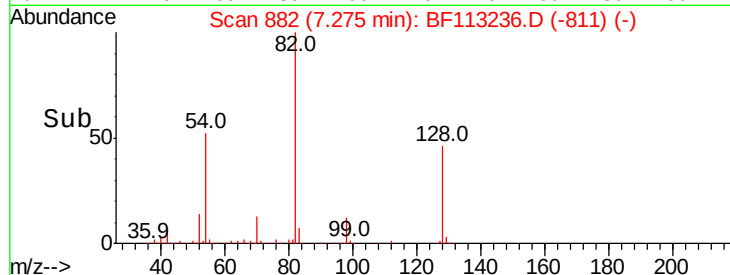
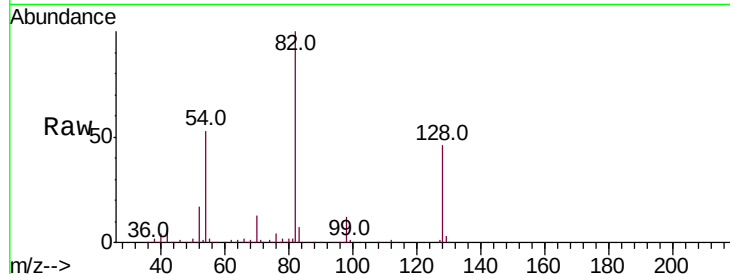
Ion Ratio Lower Upper

70 100

42 49.0 49.9 74.9#

101 0.0 7.4 11.2#

130 2.0 17.4 26.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF113236.D

Acq: 22 Mar 2019 15:56

Tgt Ion: 136 Resp: 609518

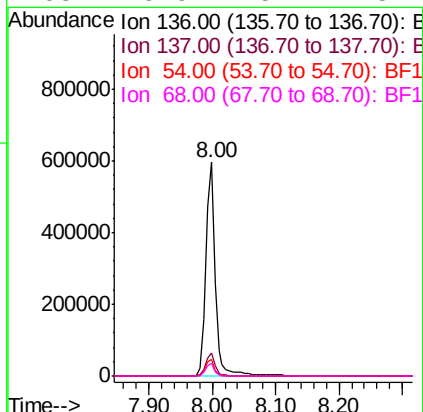
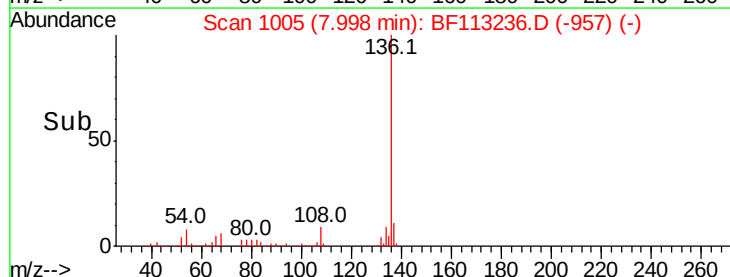
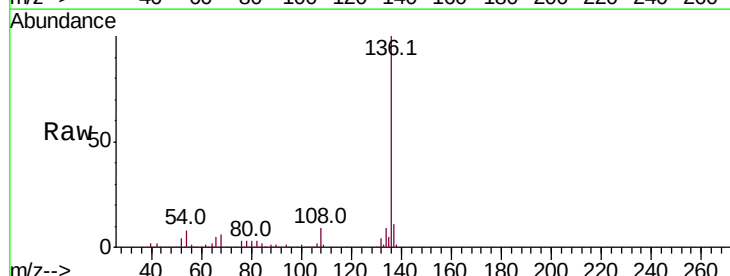
Ion Ratio Lower Upper

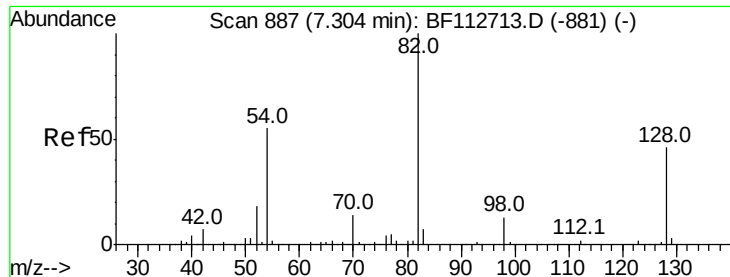
136 100

137 11.0 8.9 13.3

54 7.7 7.3 10.9

68 5.9 5.4 8.2

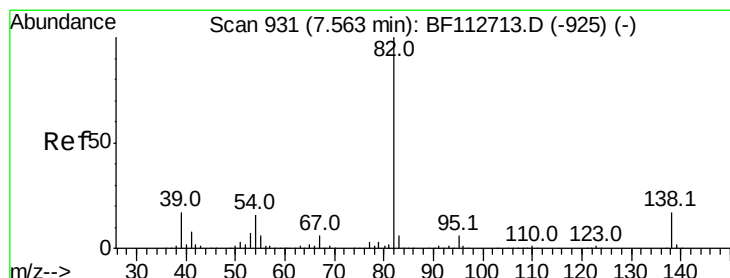
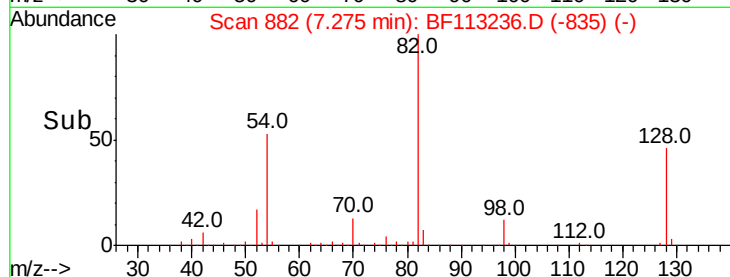
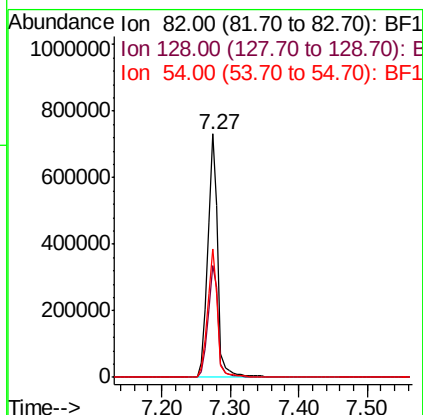
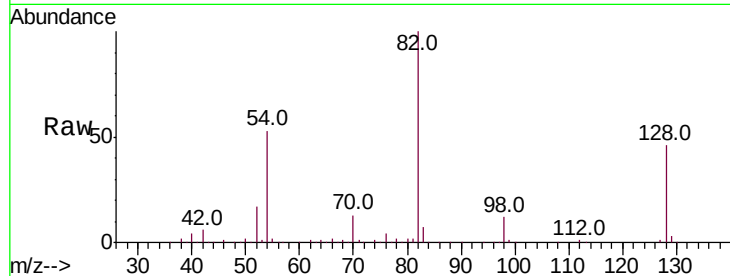




#23
 Nitrobenzene-d5
 Concen: 75.674 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF113236.D
 Acq: 22 Mar 2019 15:56

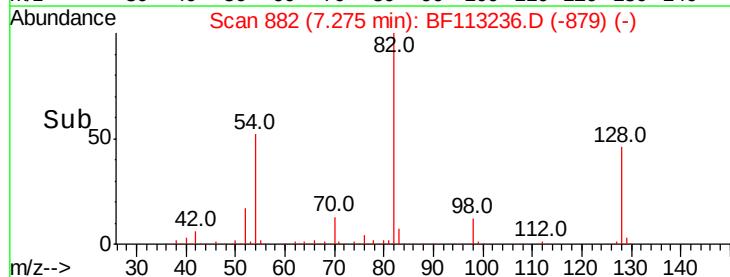
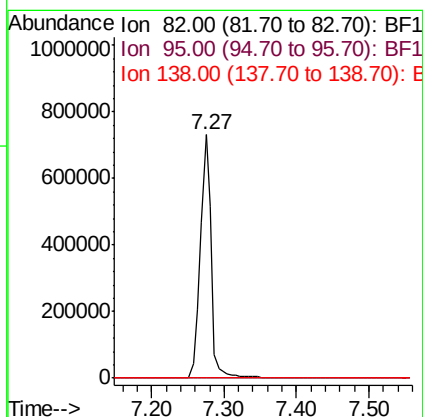
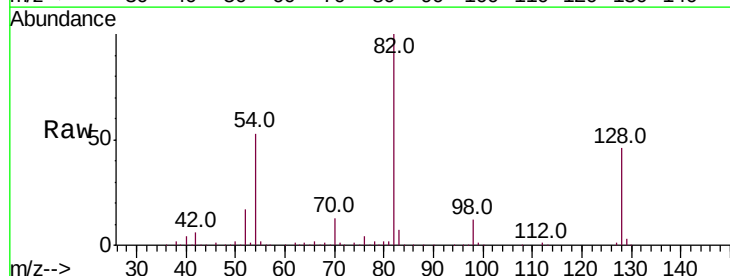
Instrument :
 BNA_F
 ClientSampleId :

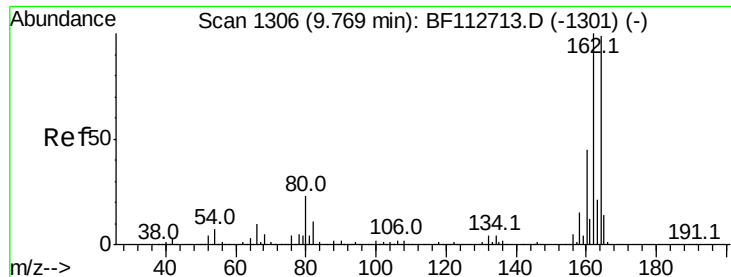
Tot Ion: 82 Resp: 770824
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.3 54.5
 54 52.9 43.7 65.5



#25
 Isophorone
 Concen: 34.640 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.28 min
 Lab File: BF113236.D
 Acq: 22 Mar 2019 15:56

Tgt Ion: 82 Resp: 760151
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 13.8 20.8#

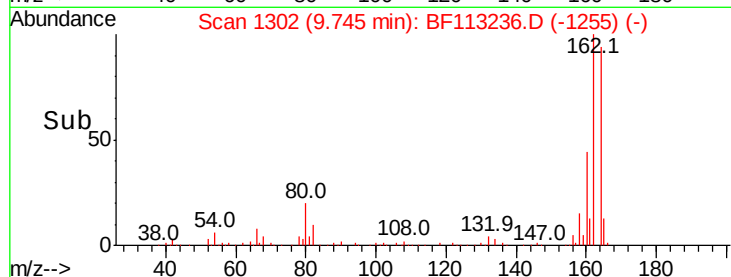
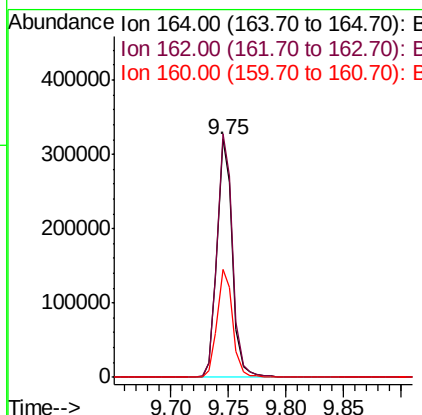
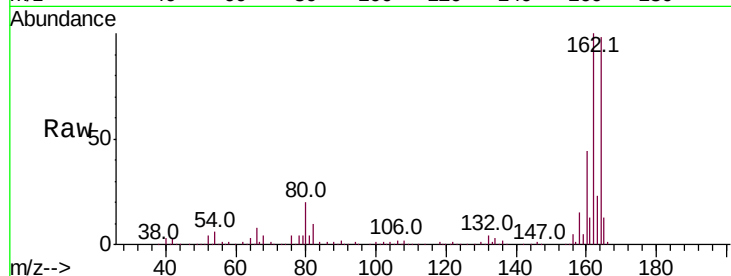




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF113236.D
 Acq: 22 Mar 2019 15:56

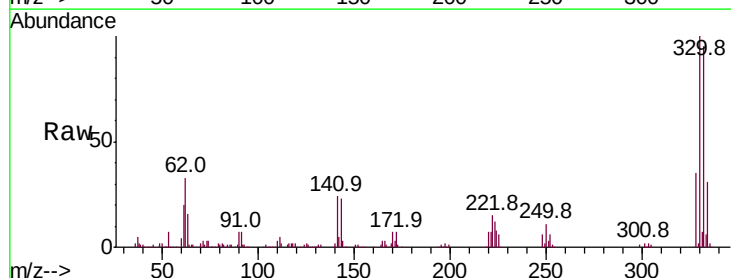
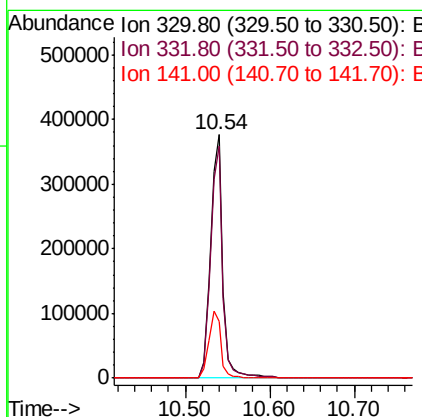
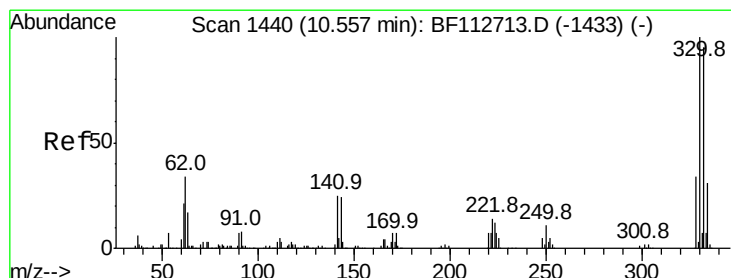
Instrument :
 BNA_F
 ClientSampleId :

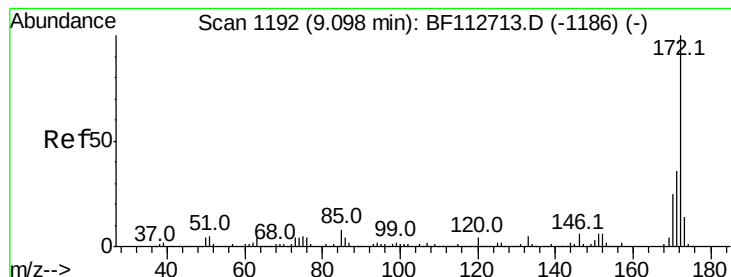
Tot Ion:164 Resp: 295822
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.6 120.8
 160 45.2 36.0 54.0



#42
 2,4,6-Tribromophenol
 Concen: 122.726 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113236.D
 Acq: 22 Mar 2019 15:56

Tgt Ion:330 Resp: 385425
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.4
 141 28.0 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 65.498 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF113236.D

Acq: 22 Mar 2019 15:56

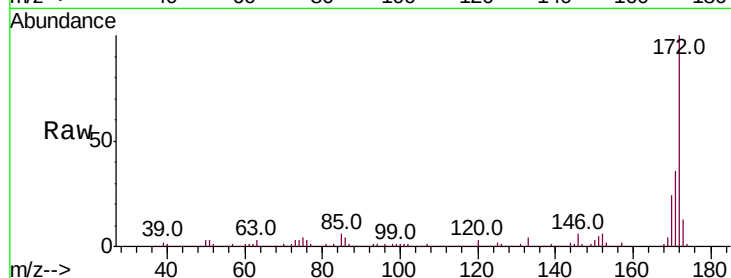
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1242367

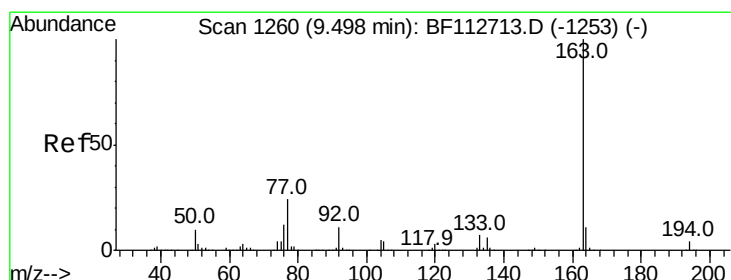
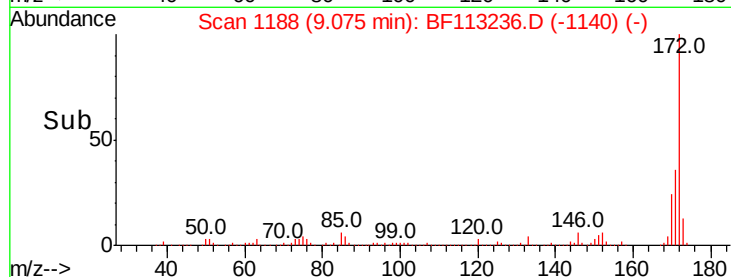
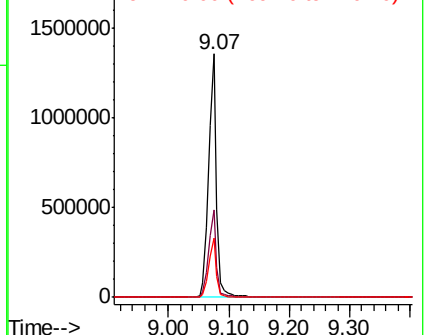
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.2	20.0	30.0



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: 5.682 ng

RT: 9.47 min Scan# 1255

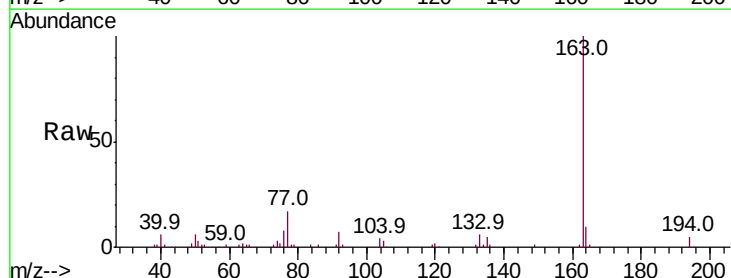
Delta R.T. -0.03 min

Lab File: BF113236.D

Acq: 22 Mar 2019 15:56

Tgt Ion:163 Resp: 123947

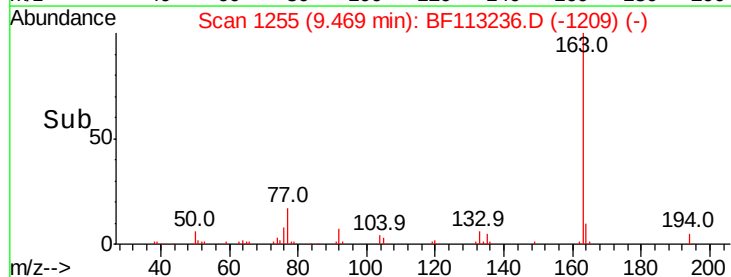
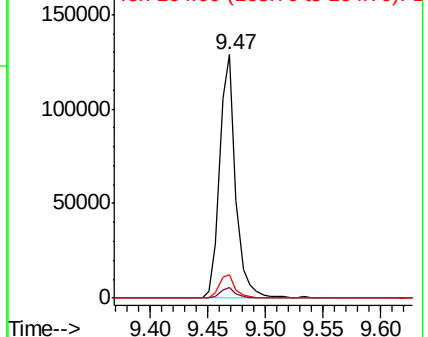
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.4#
164	9.9	8.4	12.6

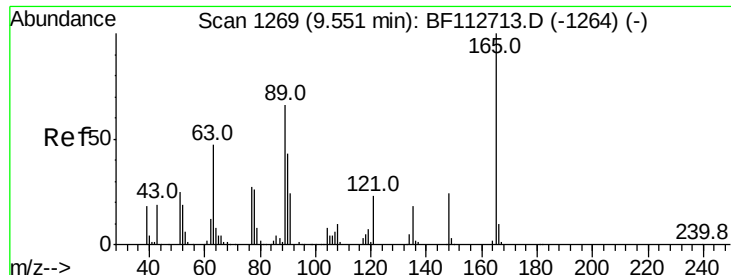


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

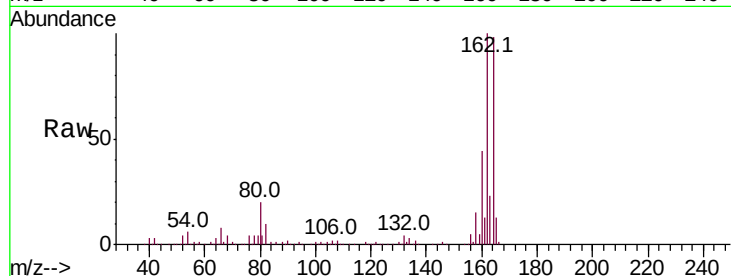




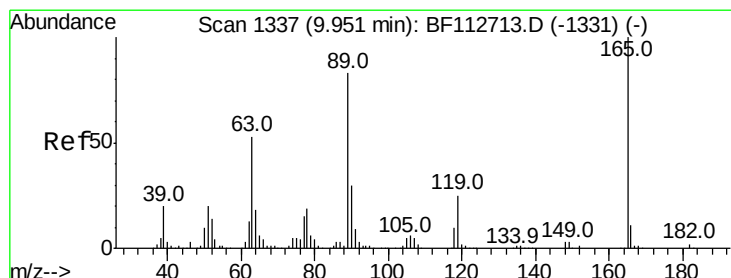
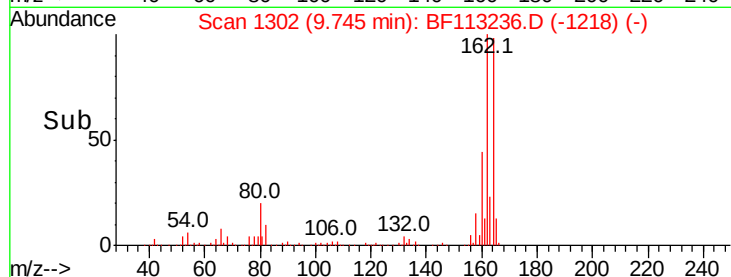
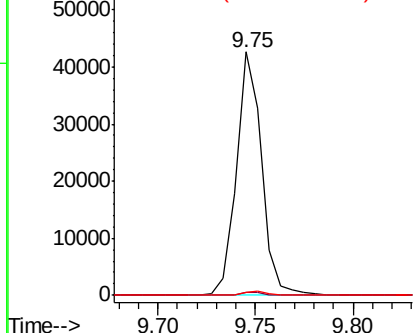
#51
 2,6-Dinitrotoluene
 Concen: 8.387 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF113236.D
 Acq: 22 Mar 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	54.1	81.1#
89	1.1	52.8	79.2#



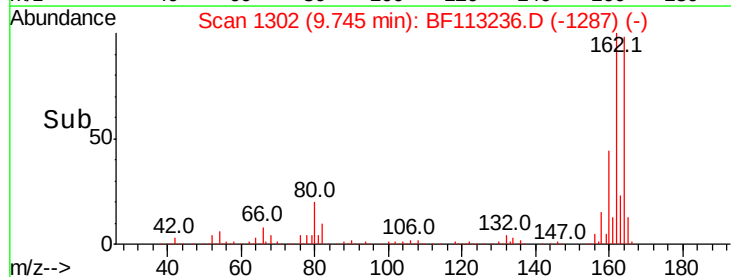
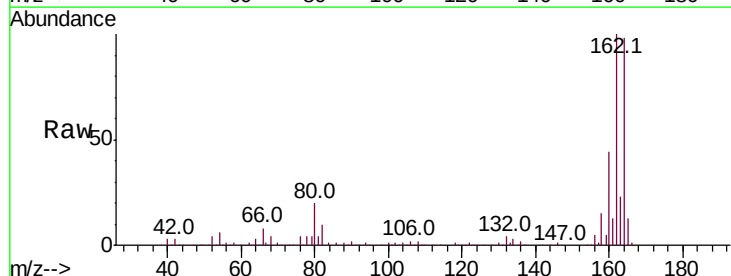
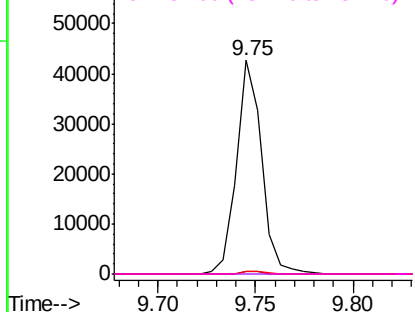
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

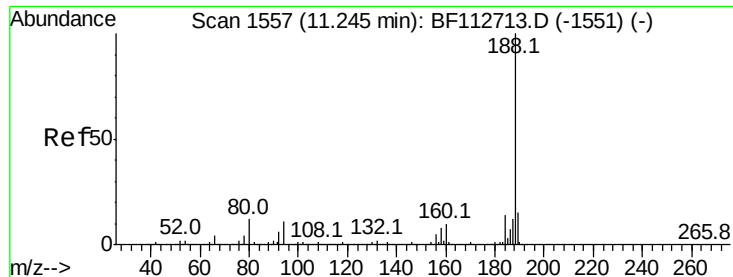


#57
 2,4-Dinitrotoluene
 Concen: 6.747 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF113236.D
 Acq: 22 Mar 2019 15:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#

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
 Ion 182.00 (181.70 to 182.70): E

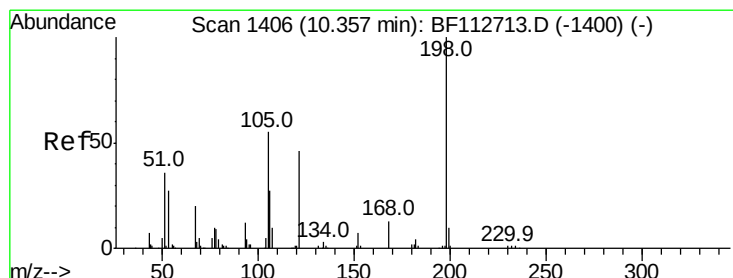
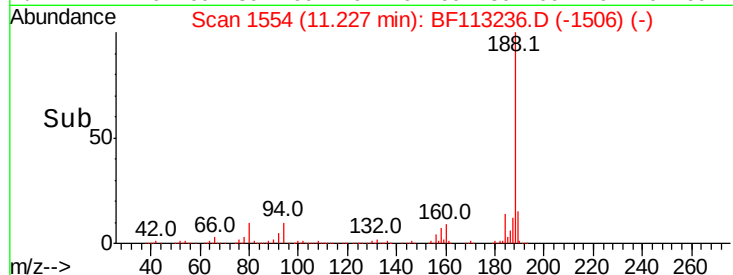
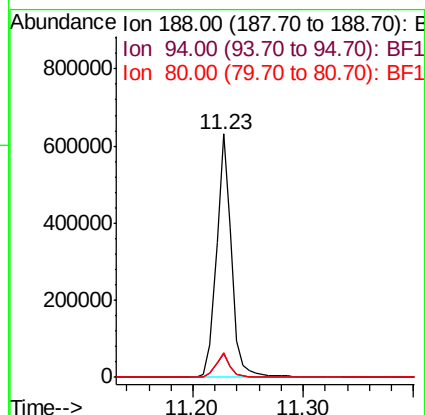
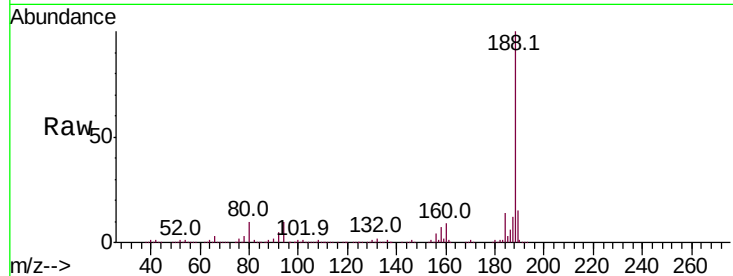




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113236.D
Acq: 22 Mar 2019 15:56

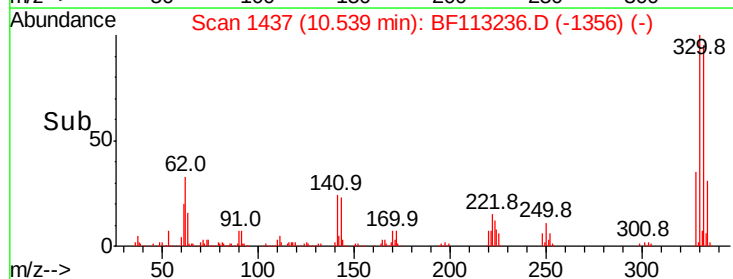
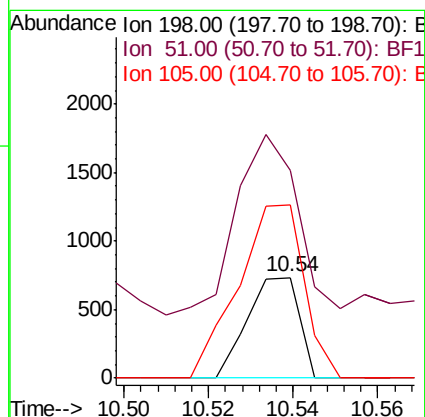
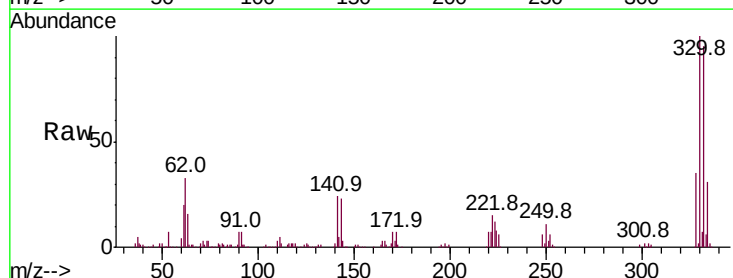
Instrument :
BNA_F
ClientSampleId :

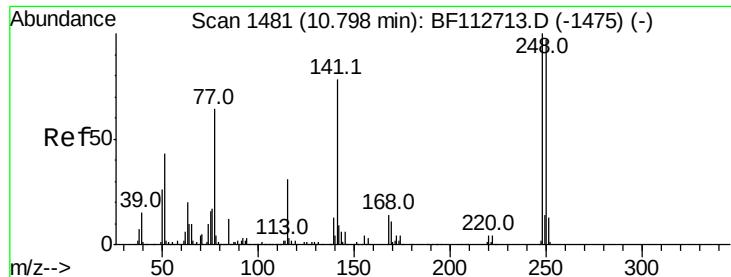
Tot Ion:188 Resp: 580567
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 10.0 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.851 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113236.D
Acq: 22 Mar 2019 15:56

Tgt Ion:198 Resp: 628
Ion Ratio Lower Upper
198 100
51 207.7 43.8 83.8#
105 172.4 36.5 76.5#

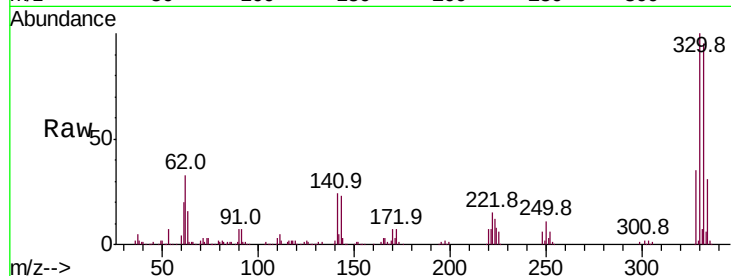




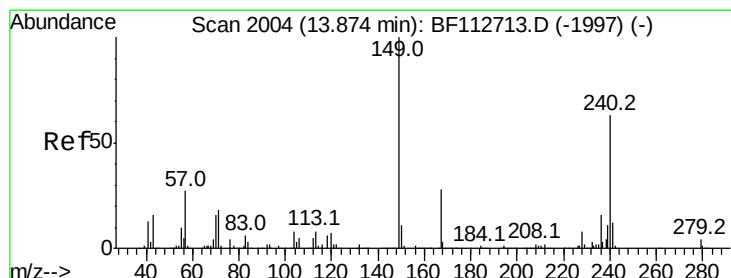
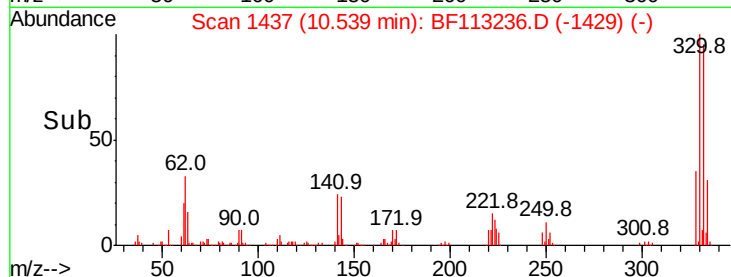
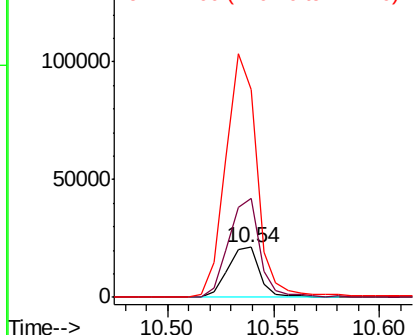
#67
 4-Bromophenyl-phenylether
 Concen: 3.611 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF113236.D
 Acq: 22 Mar 2019 15:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 22083
 Ion Ratio Lower Upper
 248 100
 250 197.8 77.5 116.3#
 141 418.1 62.4 93.6#

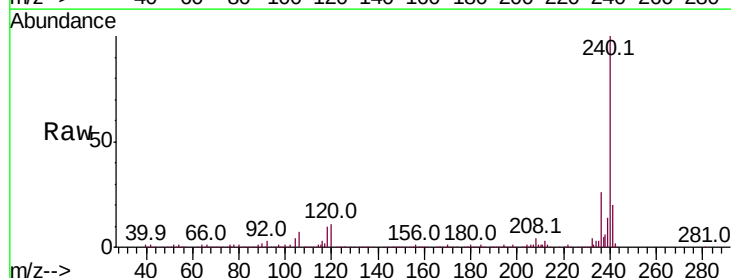


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

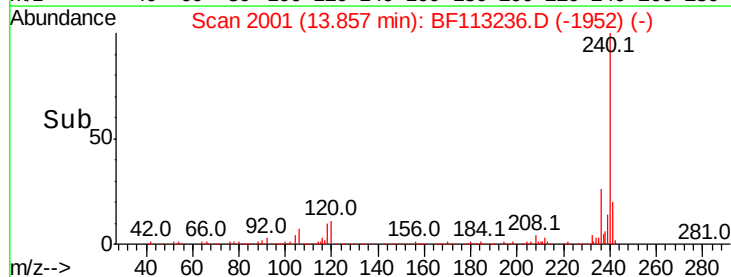
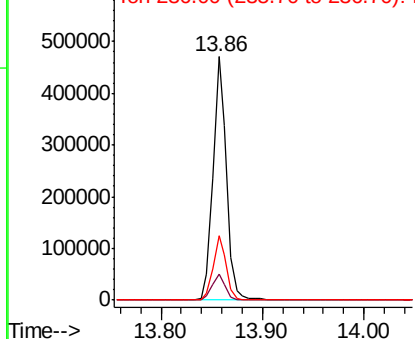


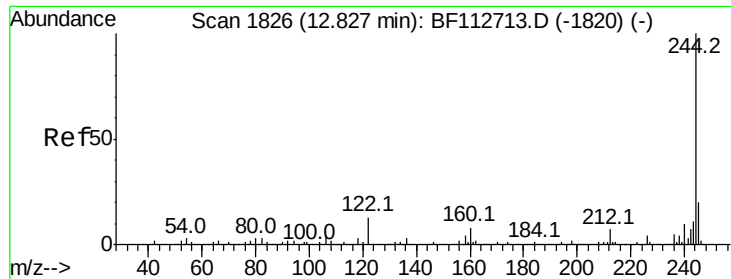
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF113236.D
 Acq: 22 Mar 2019 15:56

Tgt Ion:240 Resp: 432233
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.9 13.3
 236 26.2 20.7 31.1



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

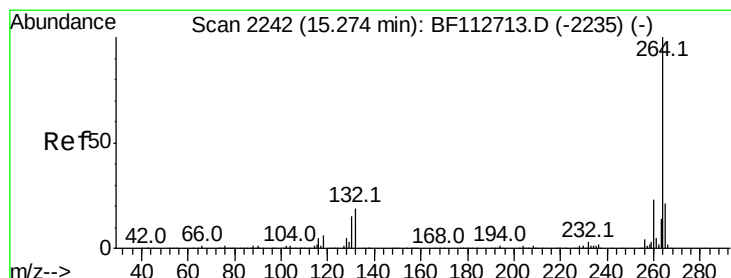
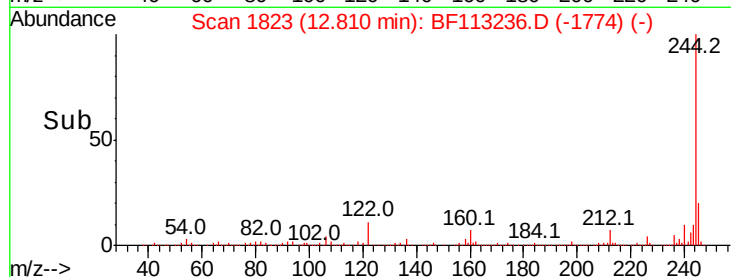
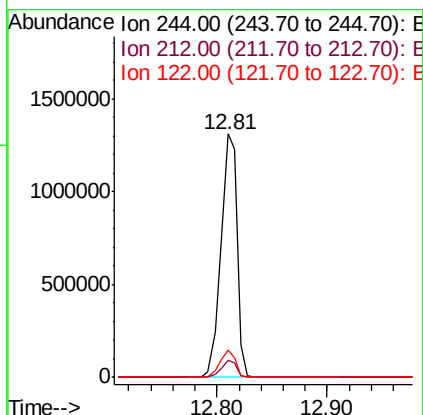
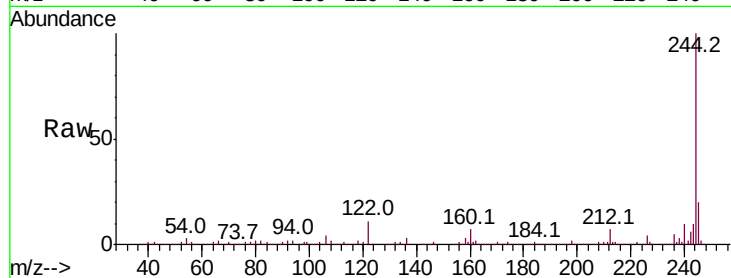




#79
 Terphenyl-d14
 Concen: 60.171 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113236.D
 Acq: 22 Mar 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1341641
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.2 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113236.D
 Acq: 22 Mar 2019 15:56

Tgt Ion:264 Resp: 340465
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.5 17.2 25.8

