

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113029.D
 Acq On : 13 Mar 2019 10:18
 Operator : JU/SJ
 Sample : K1817-15RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 12:28:04 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

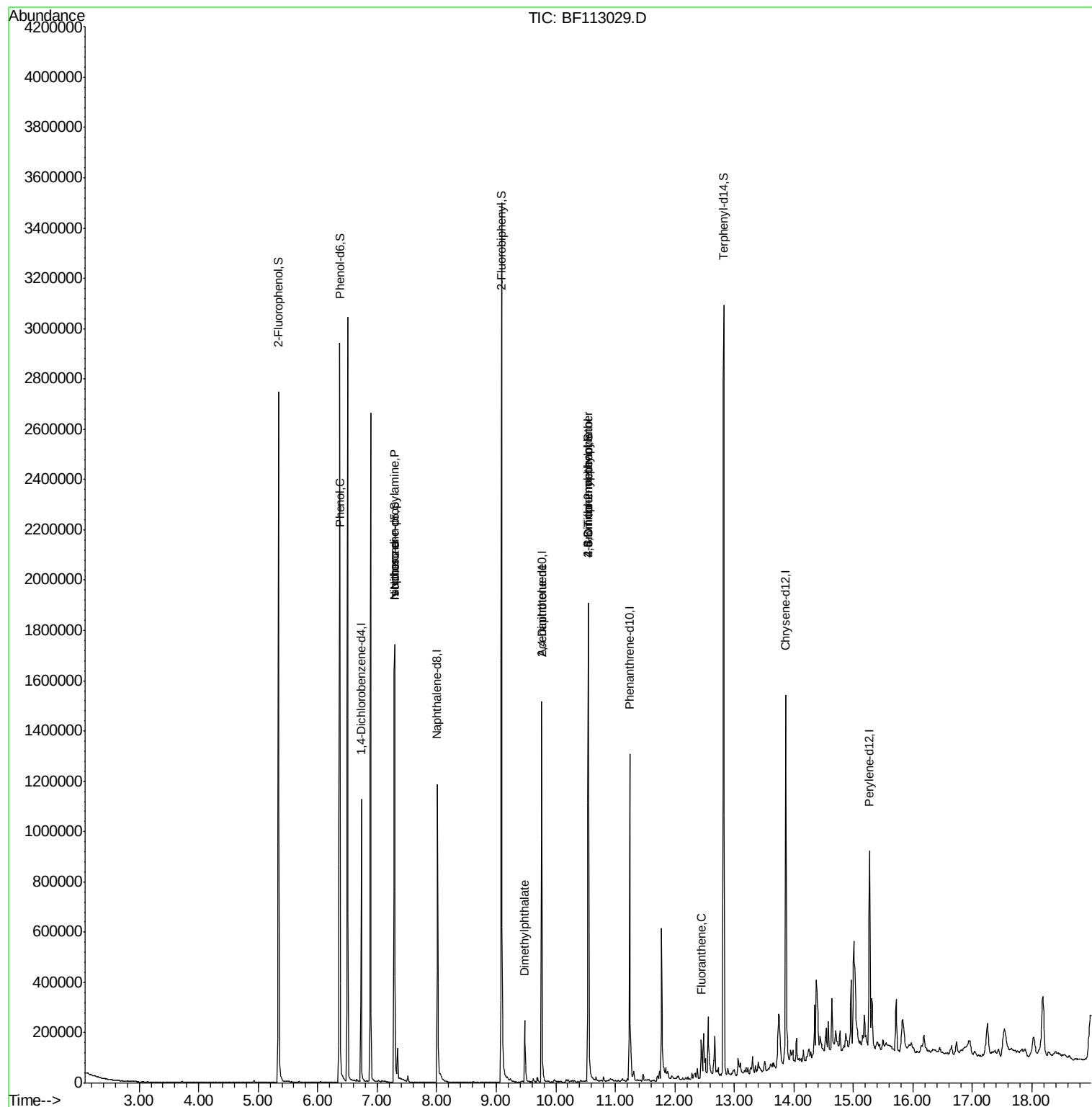
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	178809	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	687187	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	311640	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	528808	20.00	ng	0.00
76) Chrysene-d12	13.86	240	522609	20.00	ng	0.00
87) Perylene-d12	15.27	264	393979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	800457	69.64	ng	0.00
7) Phenol-d6	6.37	99	1104461	76.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	627547	54.64	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	290367	87.77	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1236299	61.01	ng	0.00
79) Terphenyl-d14	12.82	244	1145972	42.51	ng	0.00
Target Compounds						
10) Phenol	6.38	94	39681	2.355	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	79896	8.736	ng	# 74
25) Isophorone	7.29	82	627542	25.365	ng	# 66
50) Dimethylphthalate	9.48	163	112221	4.884	ng	99
57) 2,4-Dinitrotoluene	9.76	165	39251	6.599	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	335	4.752	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	15964	2.866	ng	# 1
75) Fluoranthene	12.44	202	59417	2.108	ng	97

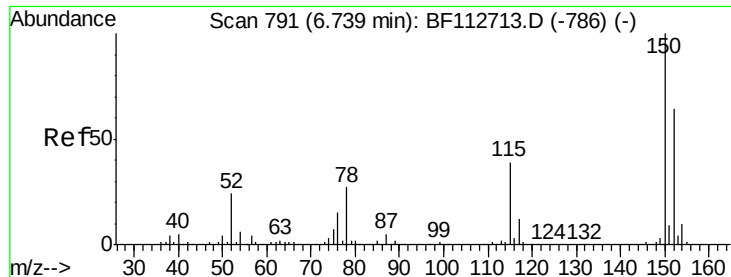
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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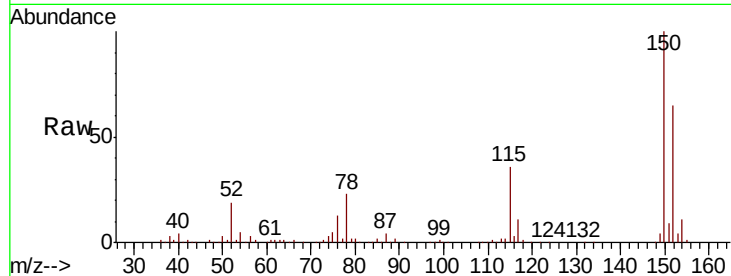


#1

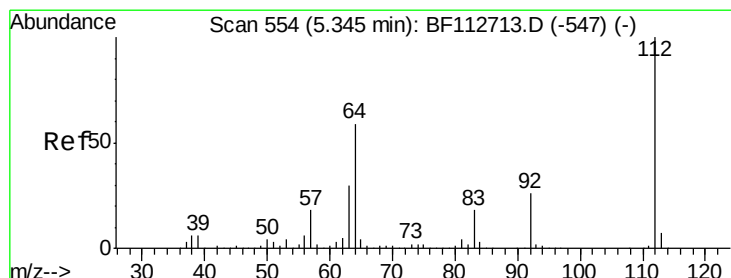
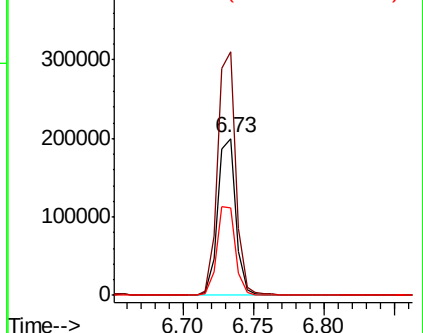
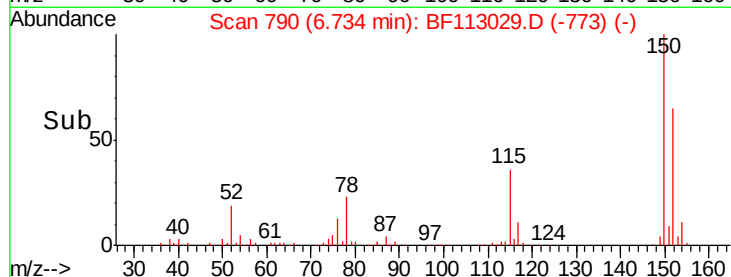
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 178809
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.2
115 55.9 48.2 72.4



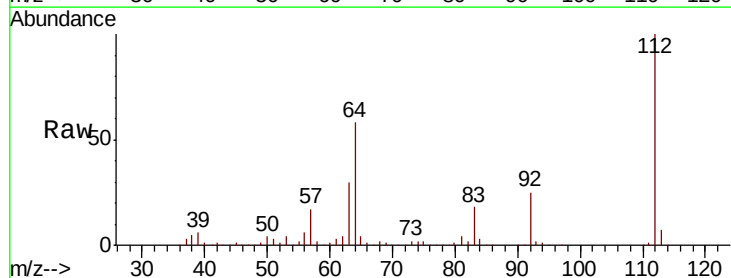
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



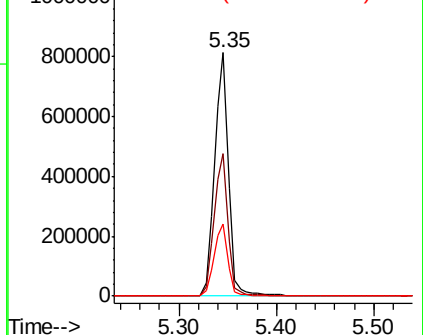
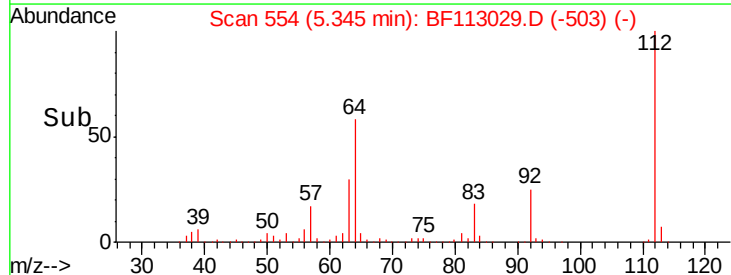
#5

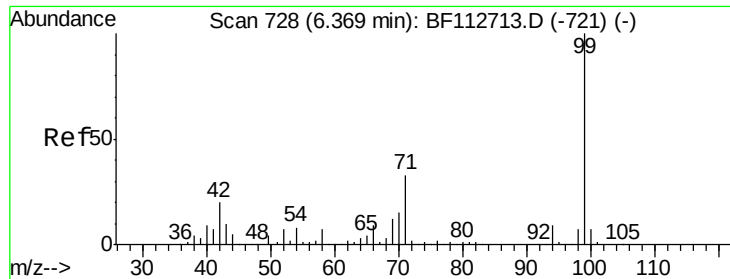
2-Fluorophenol
Concen: 69.636 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Tgt Ion:112 Resp: 800457
Ion Ratio Lower Upper
112 100
64 58.3 47.6 71.4
63 29.7 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: 76.489 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113029.D

Acq: 13 Mar 2019 10:18

Instrument :

BNA_F

ClientSampled :

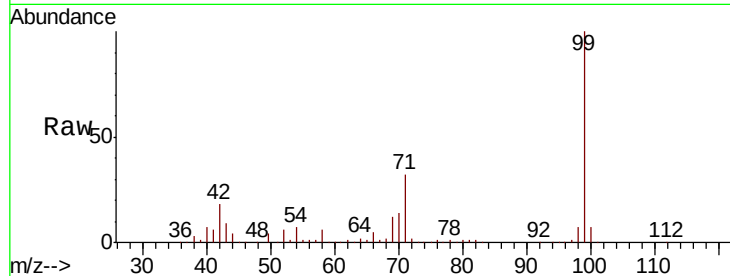
Tot Ion: 99 Resp: 1104461

Ion Ratio Lower Upper

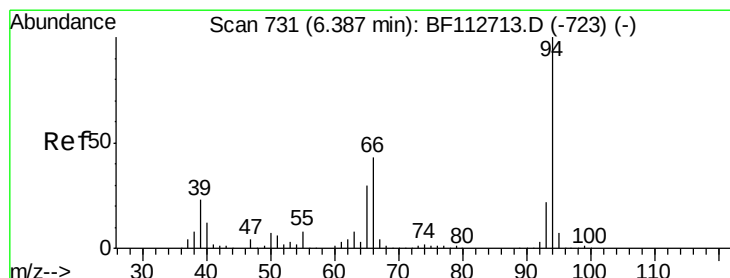
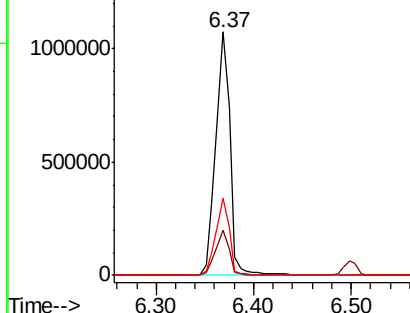
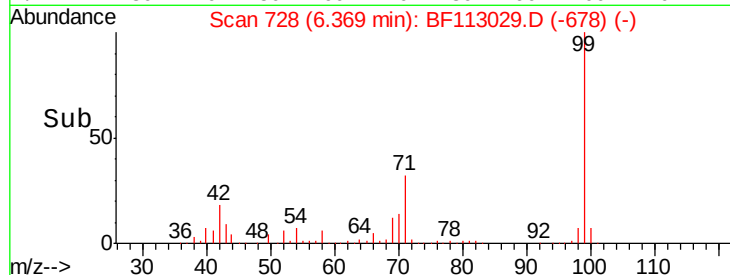
99 100

42 18.5 16.3 24.5

71 31.9 26.2 39.4



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



#10

Phenol

Concen: 2.355 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113029.D

Acq: 13 Mar 2019 10:18

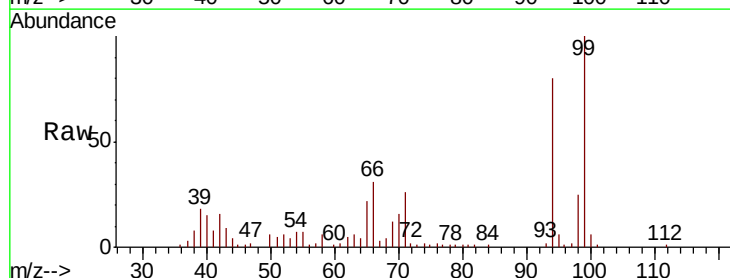
Tgt Ion: 94 Resp: 39681

Ion Ratio Lower Upper

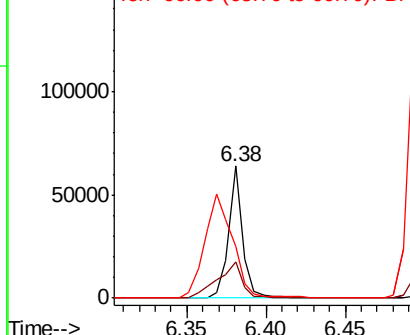
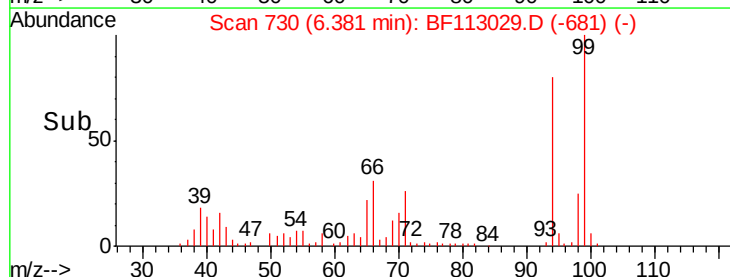
94 100

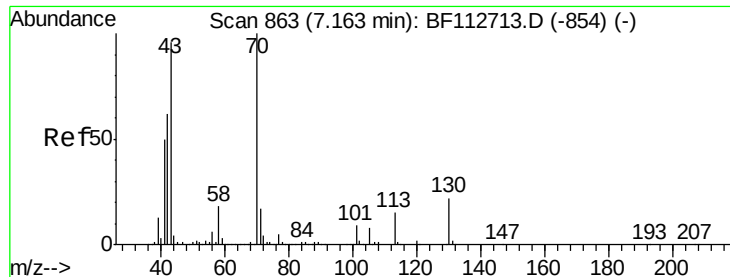
65 27.2 10.5 50.5

66 38.7 22.6 62.6



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

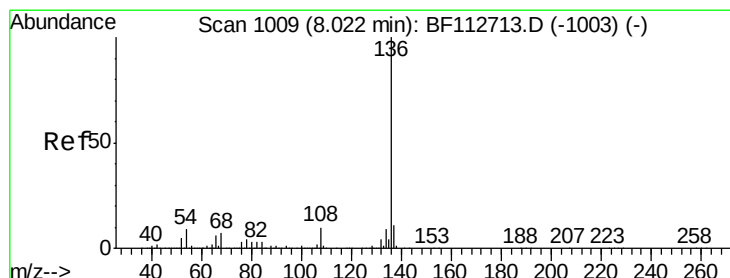
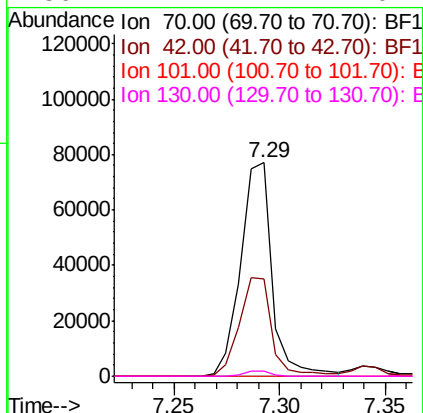
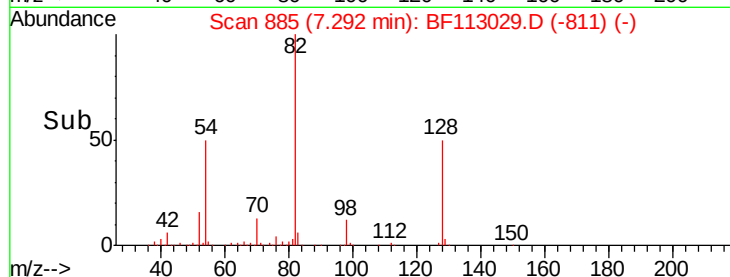
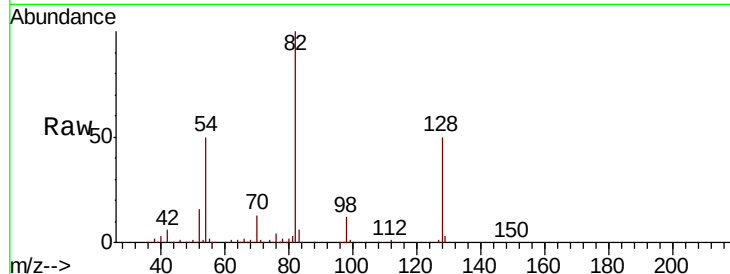




#19
n-Nitroso-di-n-propylamine
Concen: 8.736 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

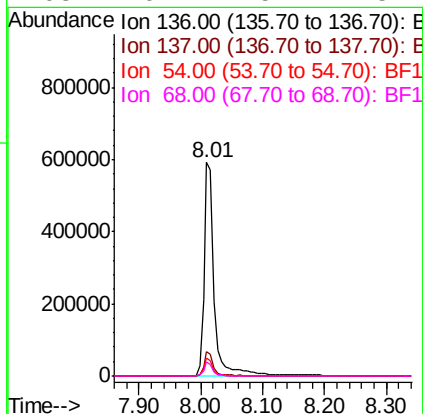
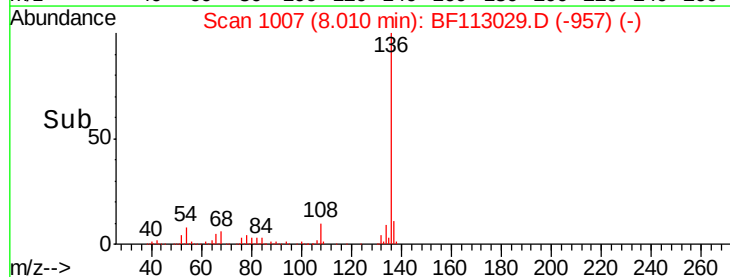
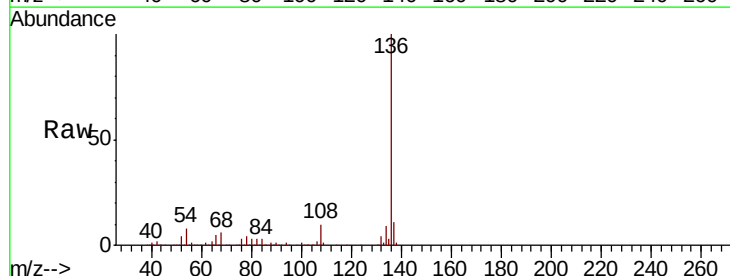
Instrument :
BNA_F
ClientSampleId :

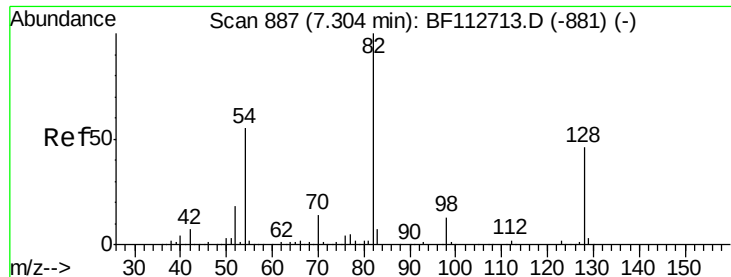
Tot Ion: 70 Resp: 79896
Ion Ratio Lower Upper
70 100
42 45.8 49.9 74.9#
101 0.0 7.4 11.2#
130 2.4 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Tgt Ion: 136 Resp: 687187
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.5 7.3 10.9
68 6.4 5.4 8.2

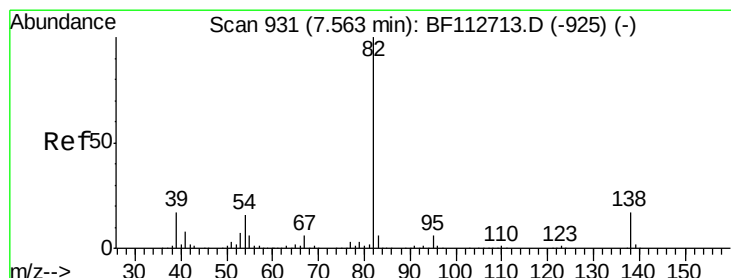
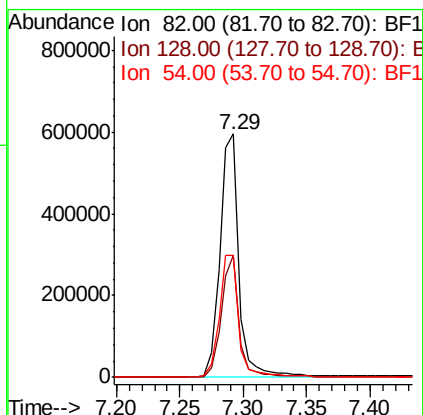
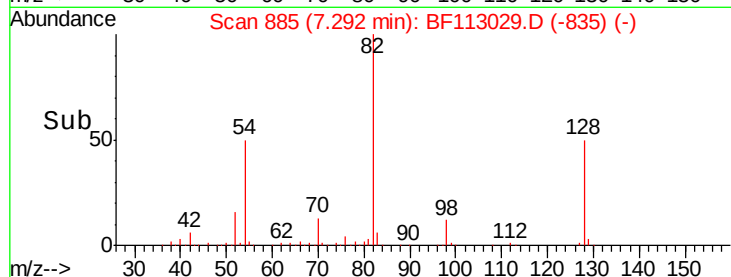
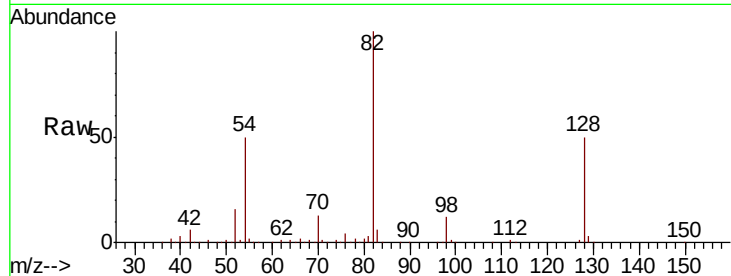




#23
Nitrobenzene-d5
Concen: 54.645 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

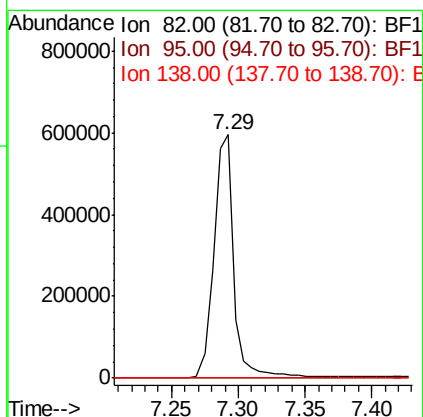
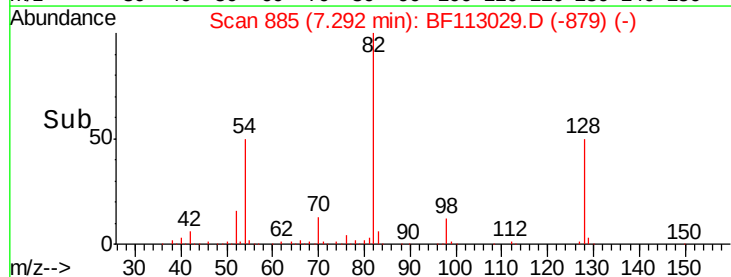
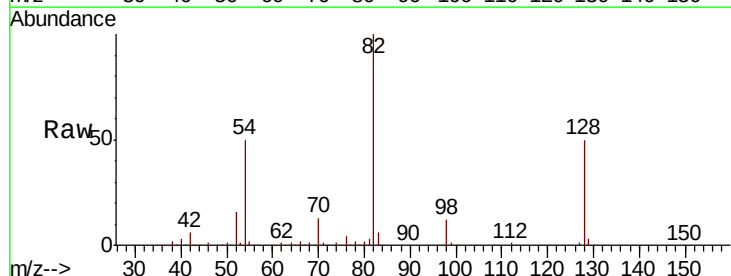
Instrument :
BNA_F
ClientSampleId :

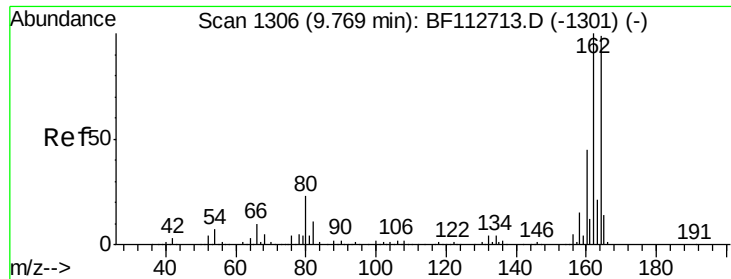
Tot Ion	82	Resp	627547
Ion Ratio	Lower	Upper	
82	100		
128	49.9	36.3	54.5
54	50.3	43.7	65.5



#25
Isophorone
Concen: 25.365 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Tgt Ion	82	Resp	627542
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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF113029.D

Acq: 13 Mar 2019 10:18

Instrument :

BNA_F

ClientSampled :

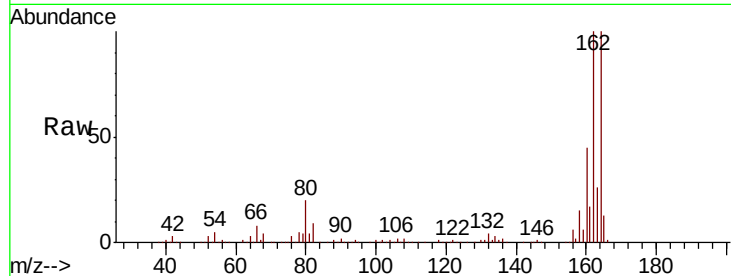
Tot Ion:164 Resp: 311640

Ion Ratio Lower Upper

164 100

162 100.1 80.6 120.8

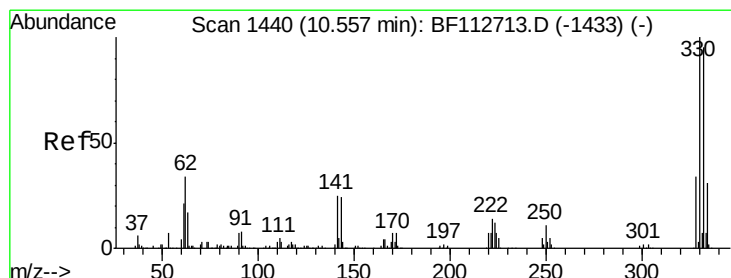
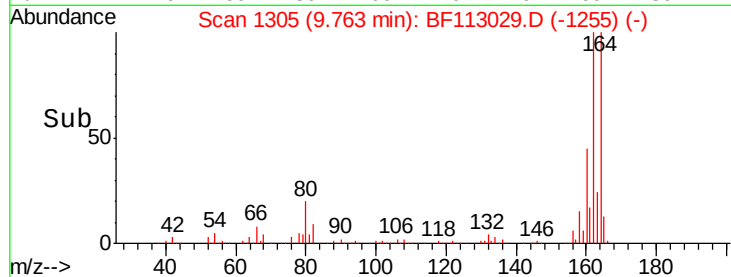
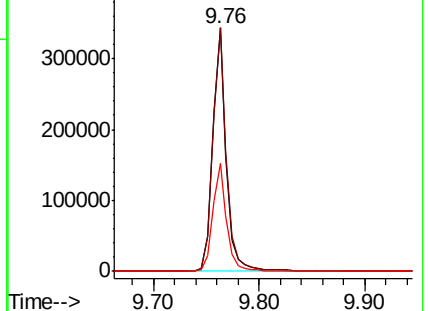
160 44.6 36.0 54.0



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: 87.765 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113029.D

Acq: 13 Mar 2019 10:18

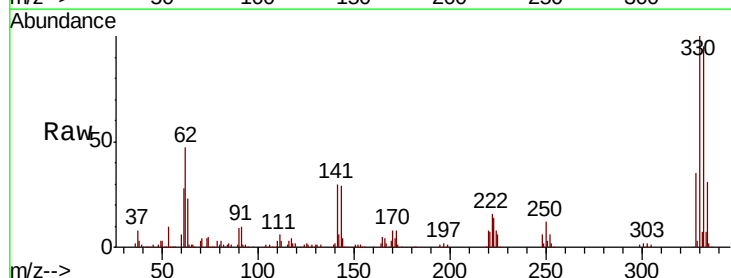
Tgt Ion:330 Resp: 290367

Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

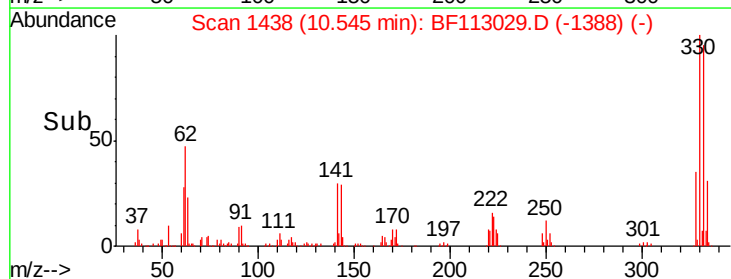
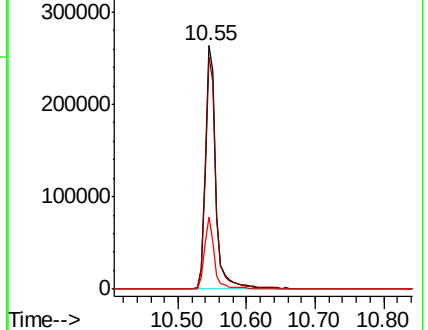
141 27.9 27.0 40.6

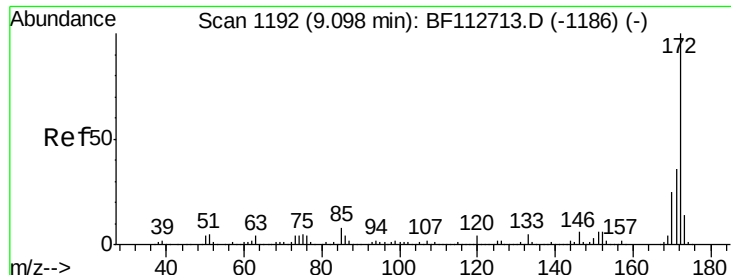


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

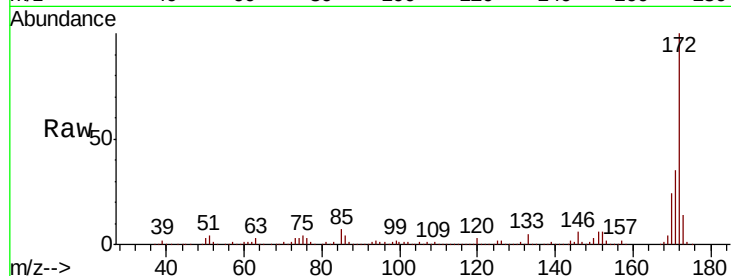




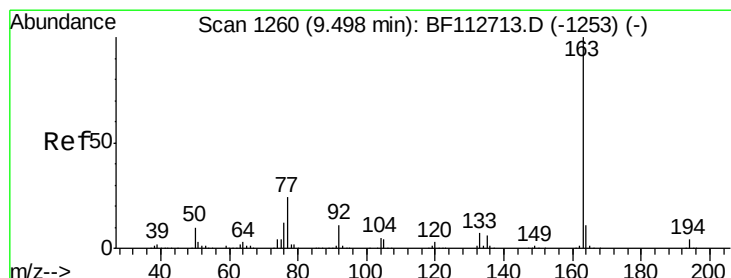
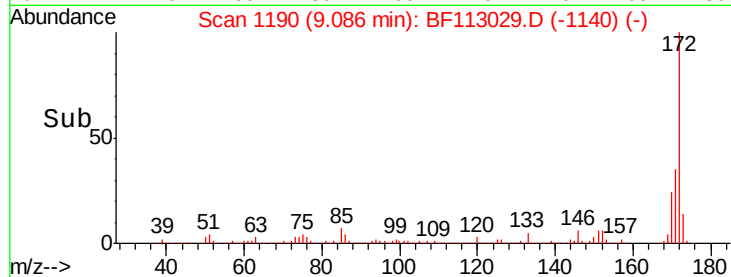
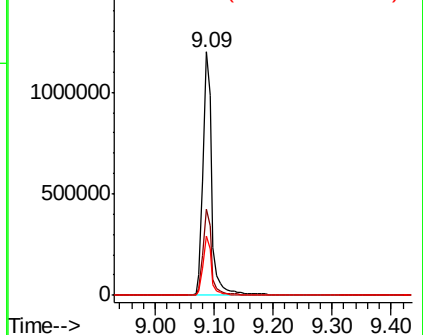
#45
2-Fluorobiphenyl
Concen: 61.012 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1236299
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 24.3 20.0 30.0

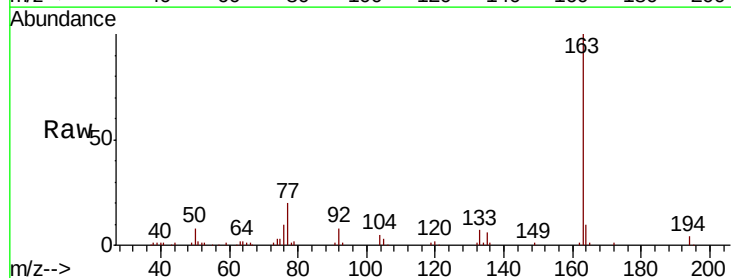


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

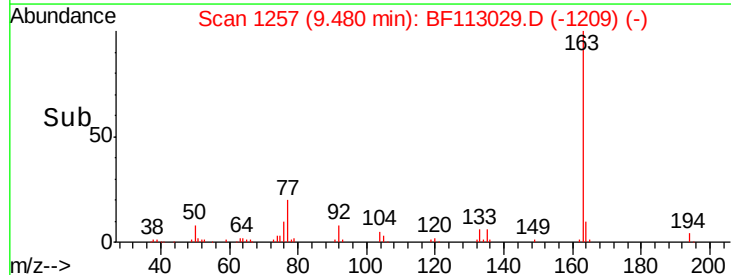
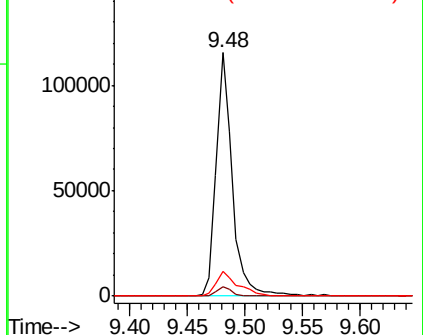


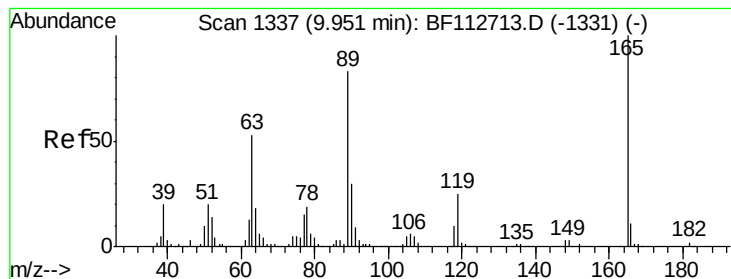
#50
Dimethylphthalate
Concen: 4.884 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Tgt Ion:163 Resp: 112221
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.0 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





#57

2,4-Dinitrotoluene

Concen: 6.599 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.19 min

Lab File: BF113029.D

Acq: 13 Mar 2019 10:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 39251

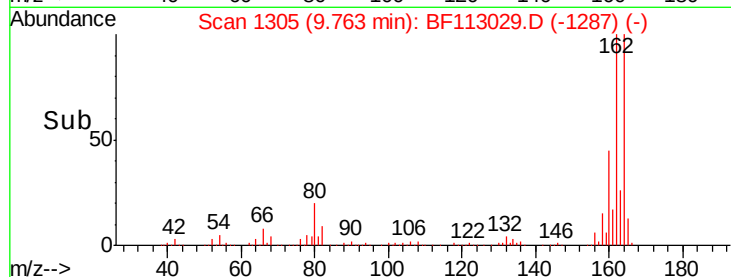
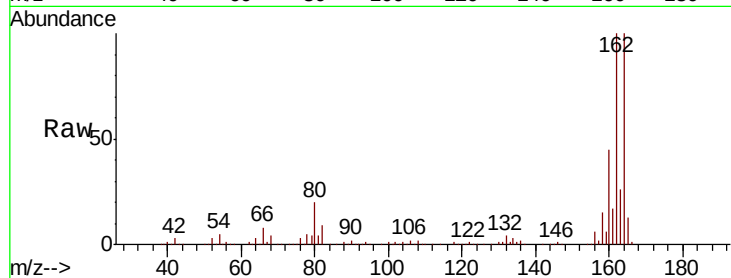
Ion Ratio Lower Upper

165 100

63 1.1 42.2 63.2#

89 1.3 66.2 99.4#

182 0.0 1.8 2.6#

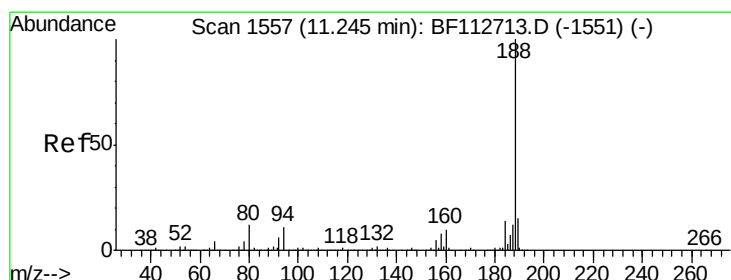
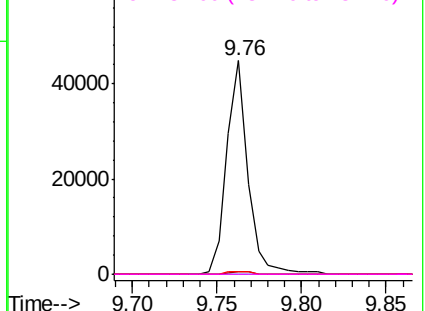


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113029.D

Acq: 13 Mar 2019 10:18

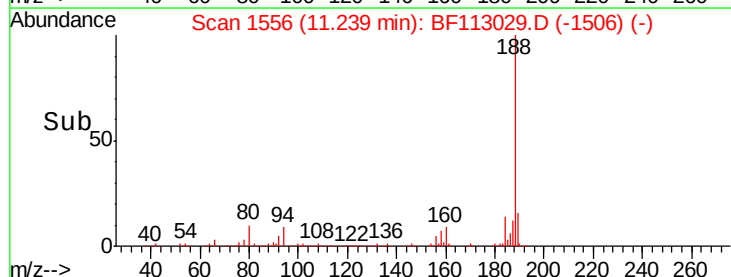
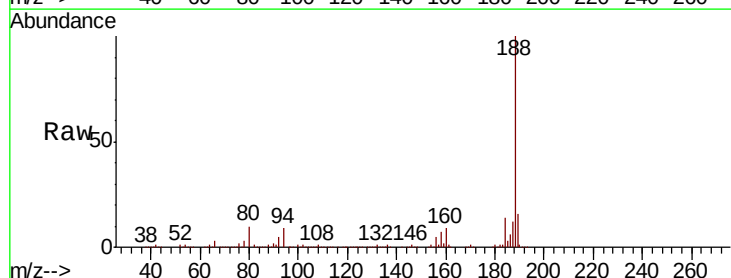
Tgt Ion:188 Resp: 528808

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

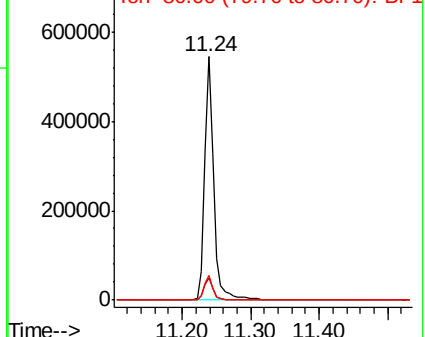
80 10.0 9.2 13.8

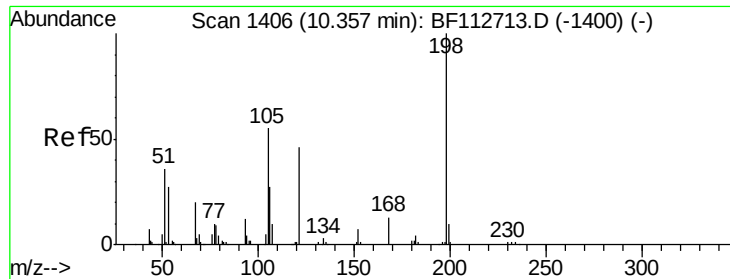


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 4.752 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF113029.D

Acq: 13 Mar 2019 10:18

Instrument :

BNA_F

ClientSampled :

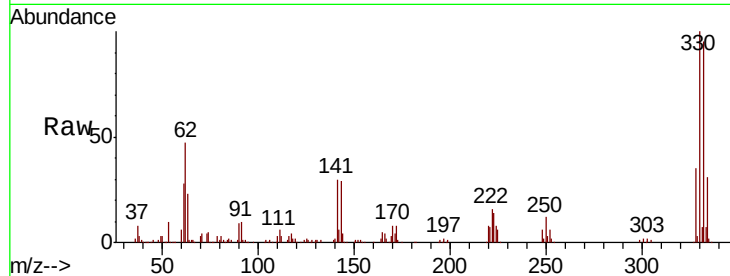
Tot Ion:198 Resp: 335

Ion Ratio Lower Upper

198 100

51 177.7 43.8 83.8#

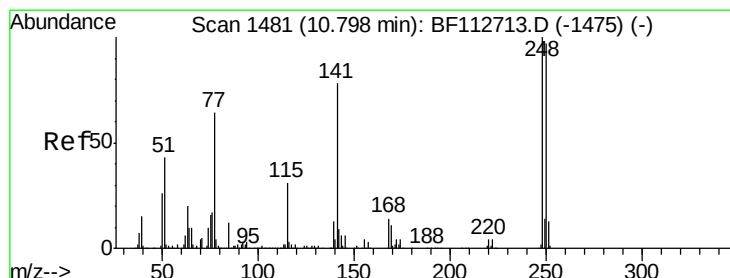
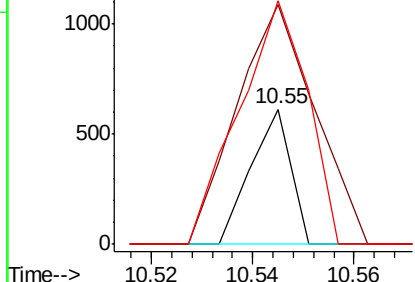
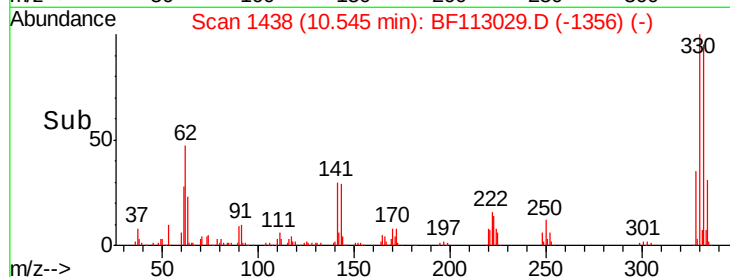
105 180.0 36.5 76.5#



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: 2.866 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.25 min

Lab File: BF113029.D

Acq: 13 Mar 2019 10:18

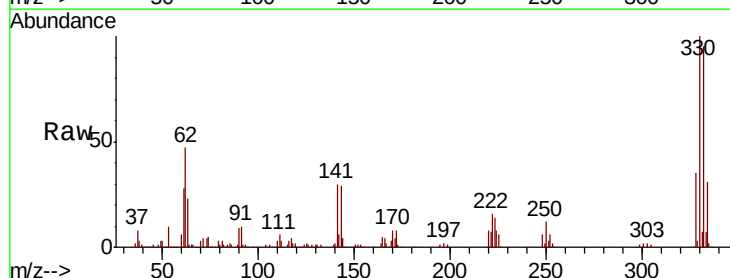
Tgt Ion:248 Resp: 15964

Ion Ratio Lower Upper

248 100

250 205.5 77.5 116.3#

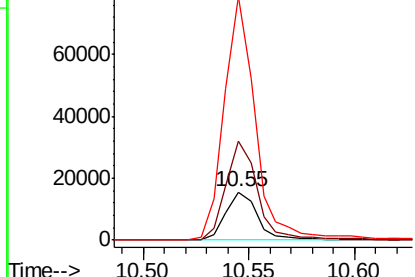
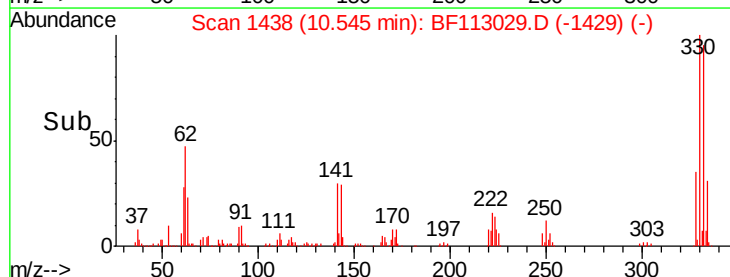
141 506.0 62.4 93.6#

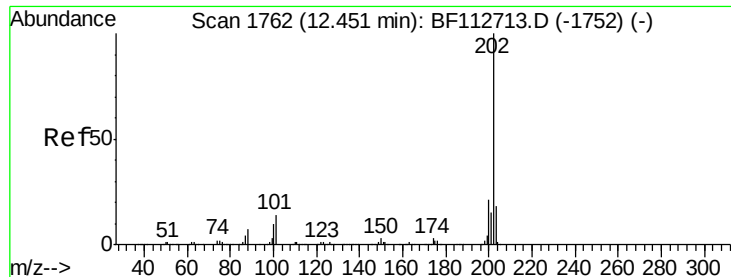


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

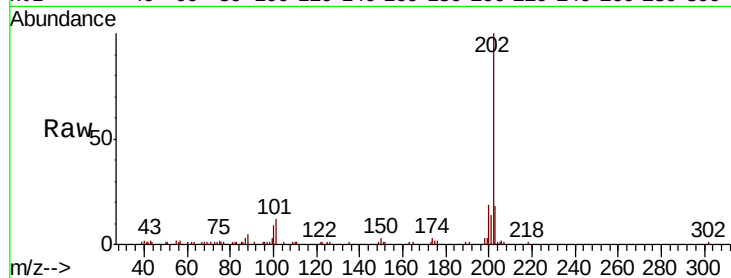




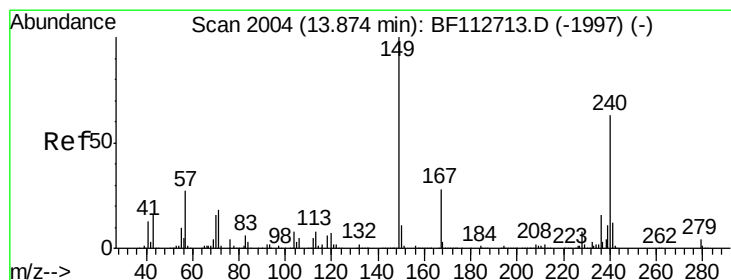
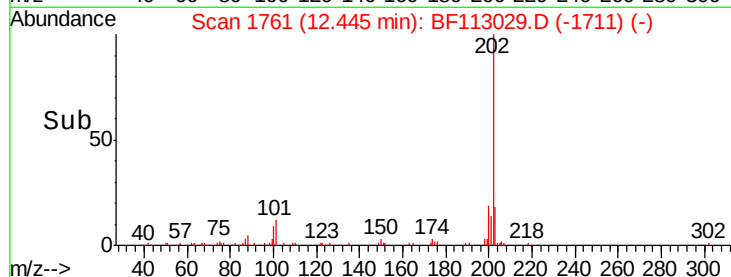
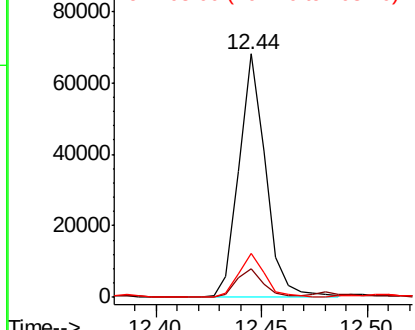
#75
Fluoranthene
Concen: 2.108 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.8
203	17.9	0.0	38.4

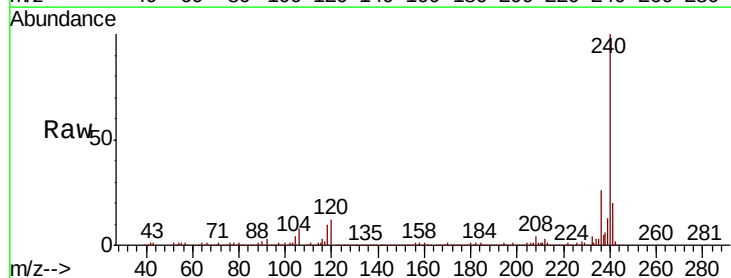


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

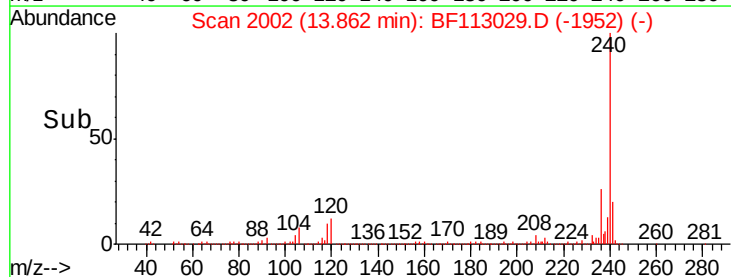
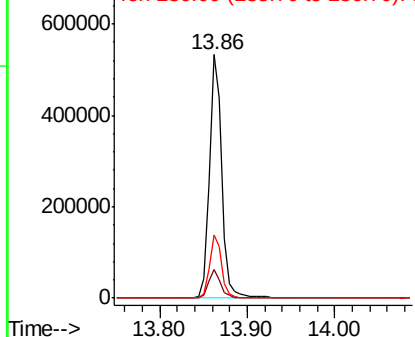


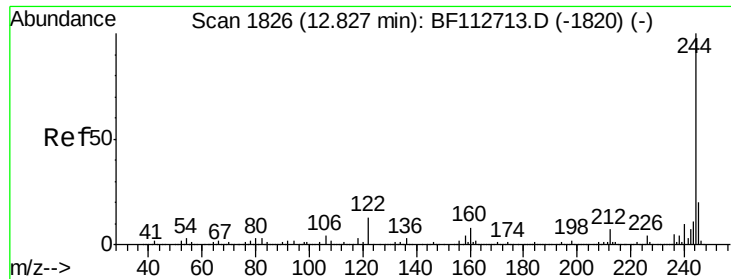
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113029.D
Acq: 13 Mar 2019 10:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	25.7	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: 42.507 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113029.D

Acq: 13 Mar 2019 10:18

Instrument :

BNA_F

ClientSampleId :

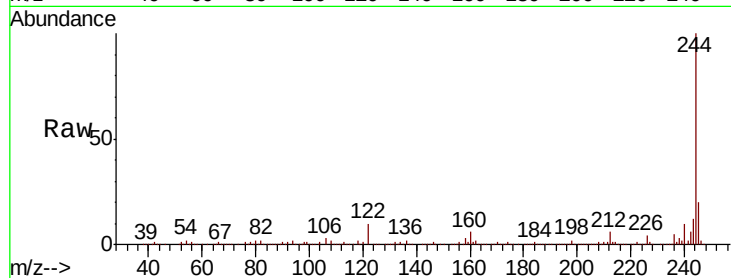
Tot Ion:244 Resp: 1145972

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

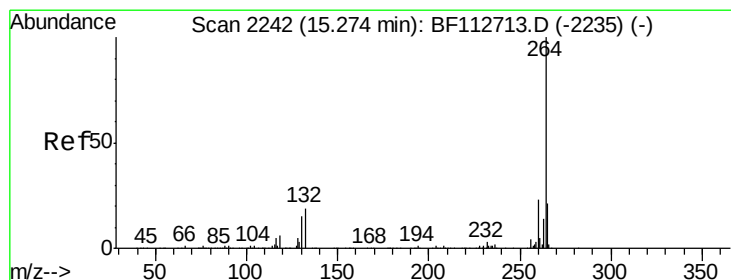
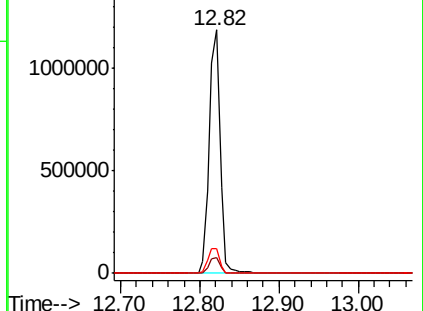
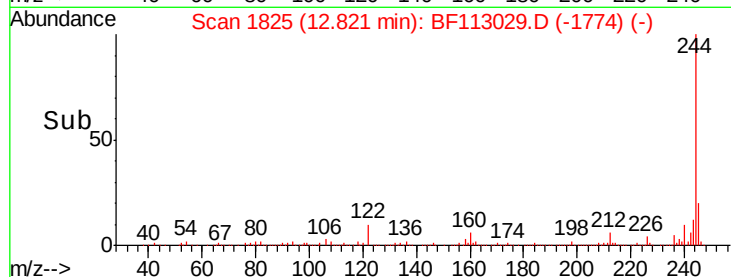
122 10.1 10.5 15.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113029.D

Acq: 13 Mar 2019 10:18

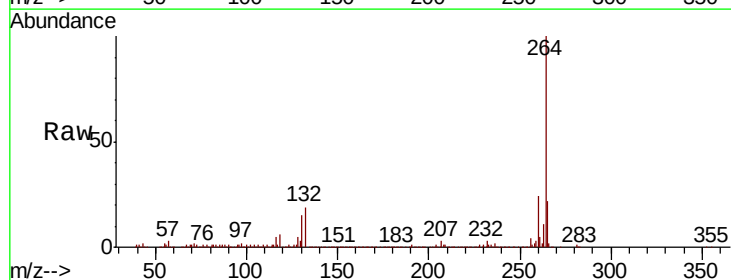
Tgt Ion:264 Resp: 393979

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

