

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
 Data File : BF112932.D
 Acq On : 7 Mar 2019 20:12
 Operator : JU/SJ
 Sample : K1760-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 00:21:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

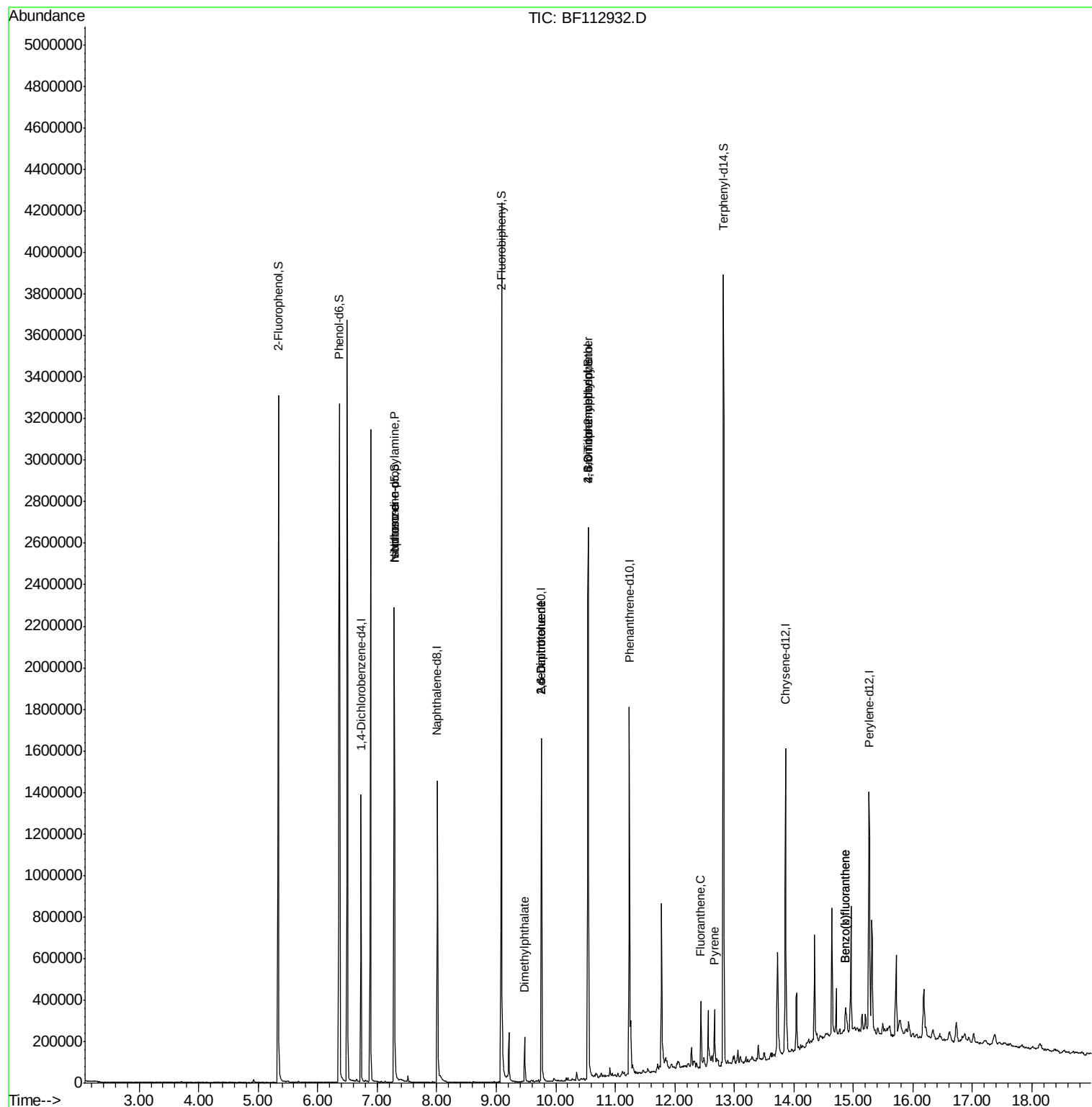
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	191283	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	745618	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	363413	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	755352	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	543361	20.00	ng	-0.02
87) Perylene-d12	15.26	264	553381	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	940848	76.51	ng	0.00
7) Phenol-d6	6.36	99	1229990	79.63	ng	0.00
23) Nitrobenzene-d5	7.29	82	739589	59.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	390392	101.19	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1414551	59.60	ng	-0.01
79) Terphenyl-d14	12.82	244	1406775	50.19	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	94808	9.691	ng	# 76
25) Isophorone	7.29	82	731094	27.234	ng	# 66
50) Dimethylphthalate	9.48	163	107005	3.993	ng	98
51) 2,6-Dinitrotoluene	9.76	165	46319	8.301	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	46435	6.695	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	634	4.797	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	22395	2.815	ng	# 1
75) Fluoranthene	12.44	202	133440	3.314	ng	97
78) Pyrene	12.67	202	112006	2.445	ng	98
88) Benzo(b)fluoranthene	14.86	252	88534	2.473	ng	95
89) Benzo(k)fluoranthene	14.86	252	88534	2.731	ng	94

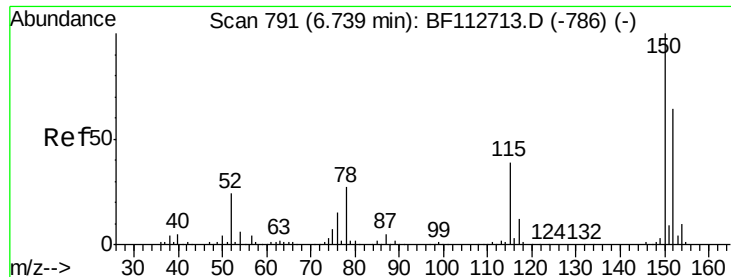
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
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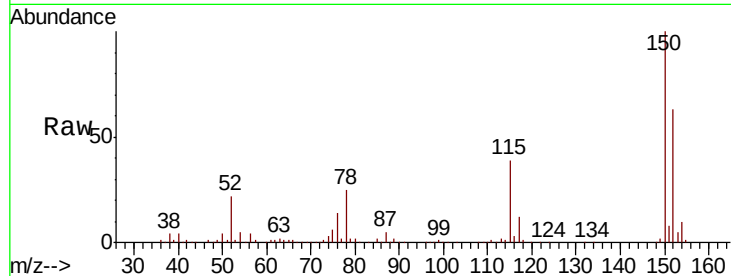


#1

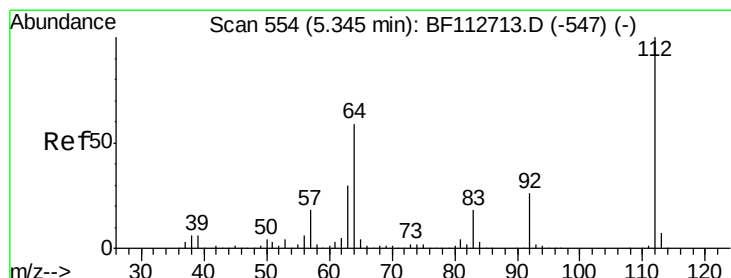
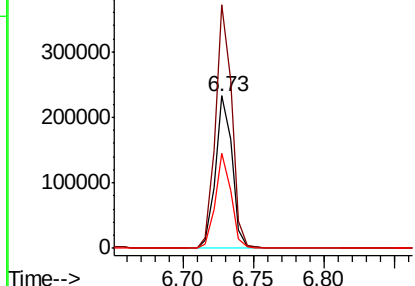
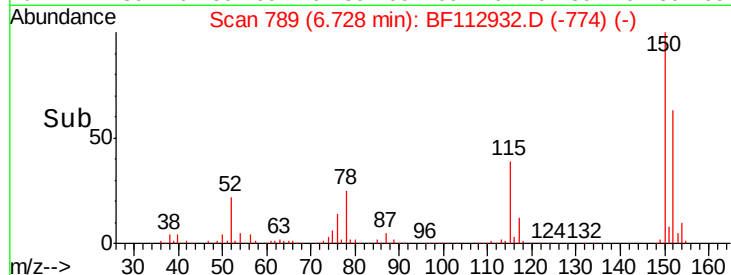
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

Instrument :
BNA_F
ClientSampled :

Tgt Ion:152 Resp: 191283
Ion Ratio Lower Upper
152 100
150 159.7 124.2 186.2
115 62.5 48.2 72.4



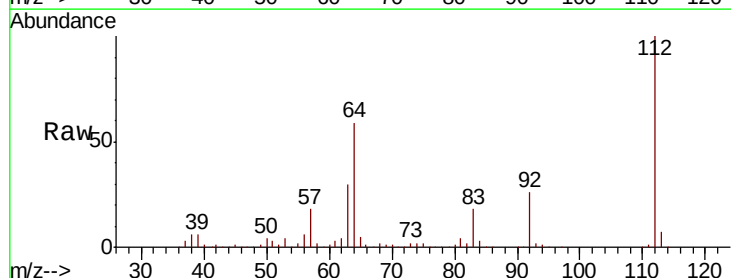
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



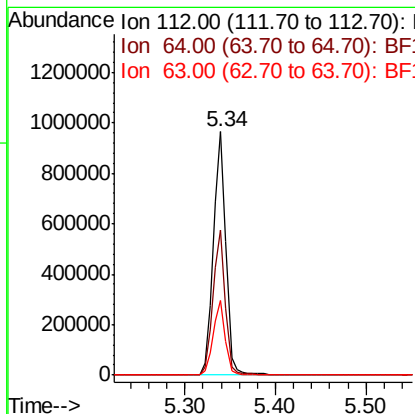
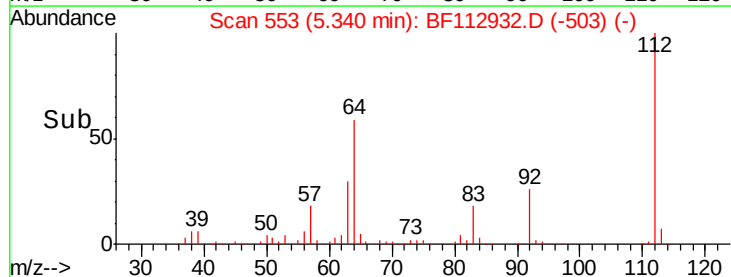
#5

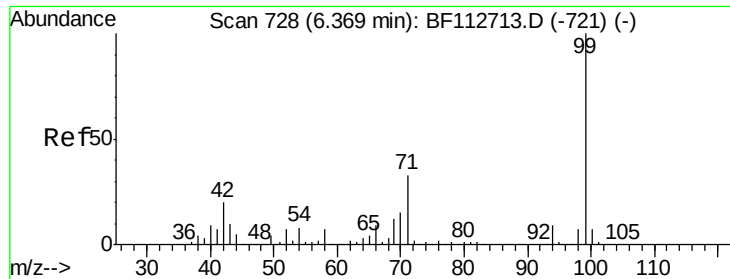
2-Fluorophenol
Concen: 76.511 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

Tgt Ion:112 Resp: 940848
Ion Ratio Lower Upper
112 100
64 59.5 47.6 71.4
63 30.4 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: 79.627 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

Instrument :

BNA_F

ClientSampleId :

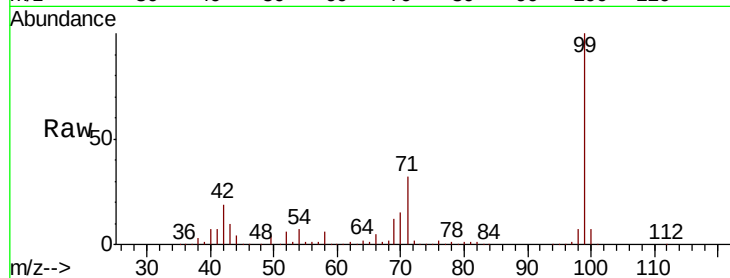
Tgt Ion: 99 Resp: 1229990

Ion Ratio Lower Upper

99 100

42 18.7 16.3 24.5

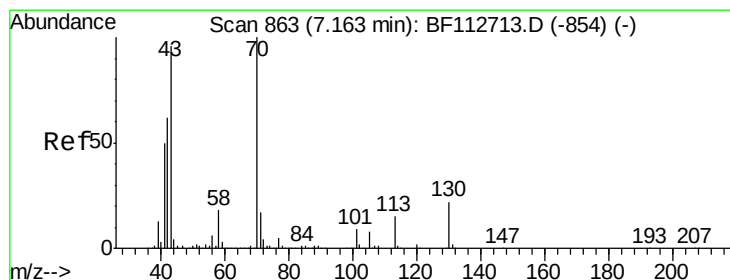
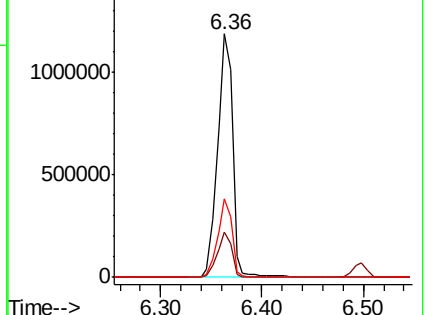
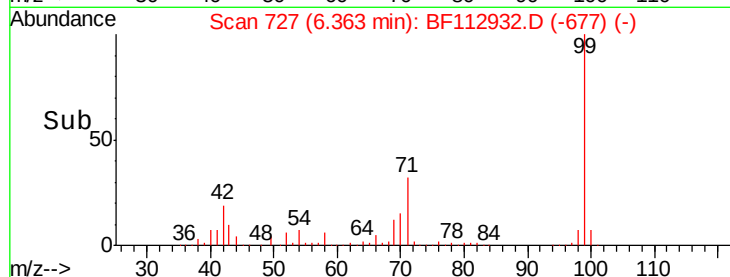
71 32.0 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.691 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

Tgt Ion: 70 Resp: 94808

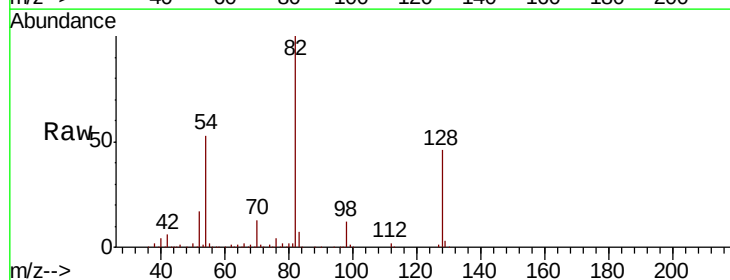
Ion Ratio Lower Upper

70 100

42 48.6 49.9 74.9#

101 0.0 7.4 11.2#

130 2.2 17.4 26.2#

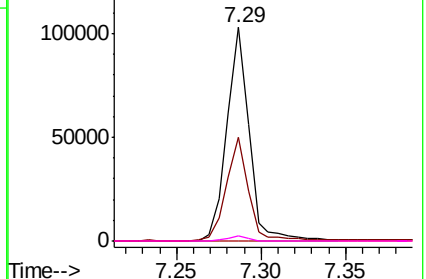
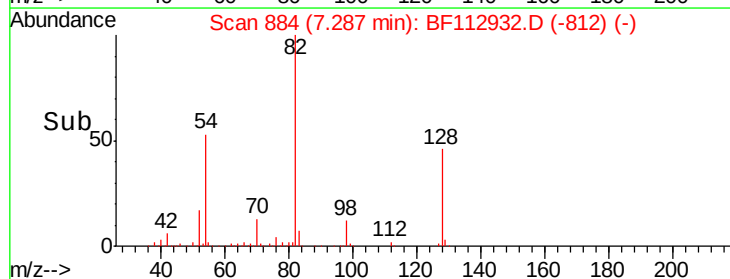


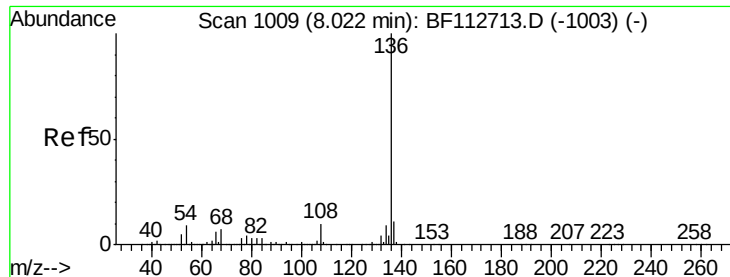
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

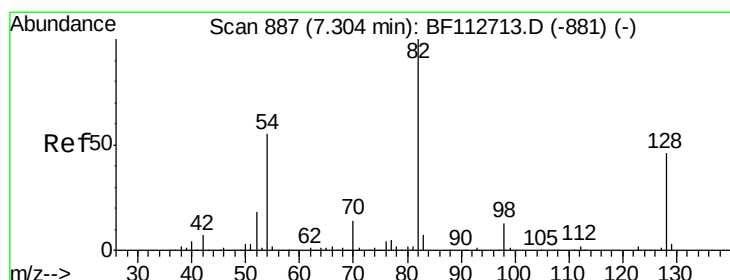
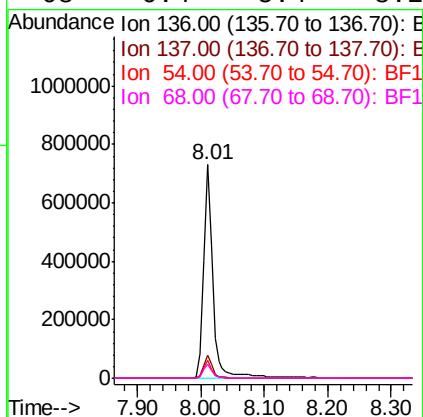
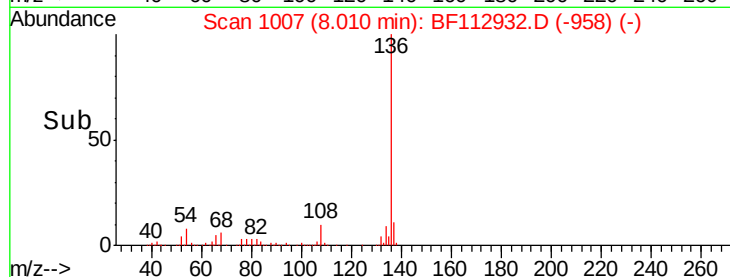
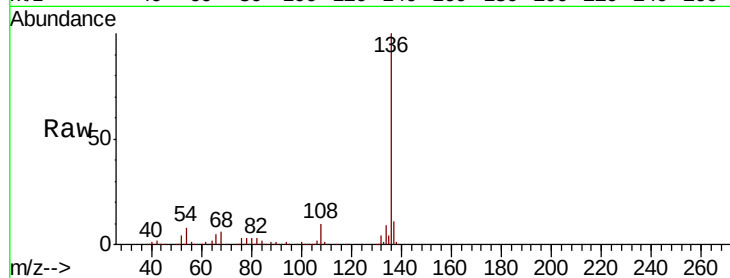




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

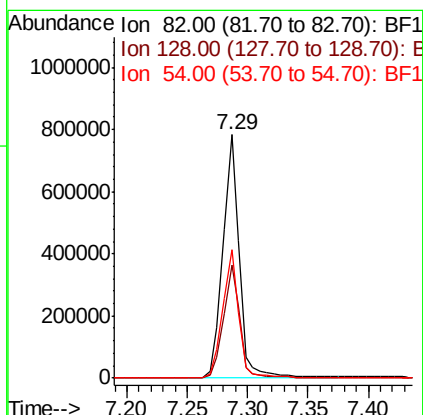
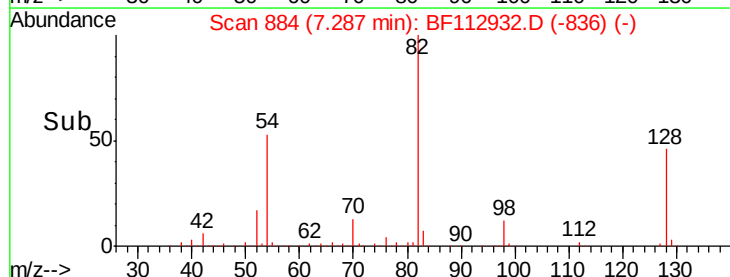
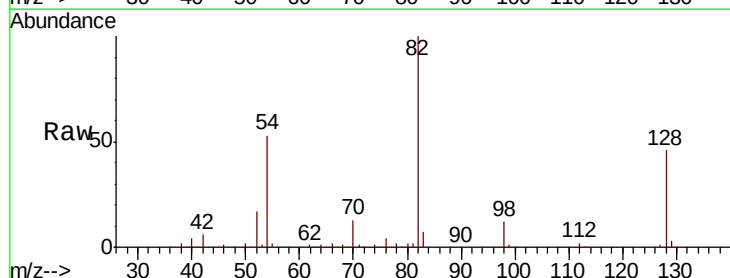
Instrument :
BNA_F
ClientSampleId :

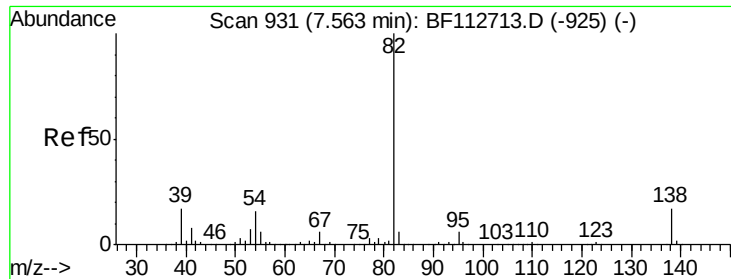
Tgt Ion:	136	Resp:	745618
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	7.3	10.9
68	6.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 59.354 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

Tgt Ion:	82	Resp:	739589
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	52.8	43.7	65.5

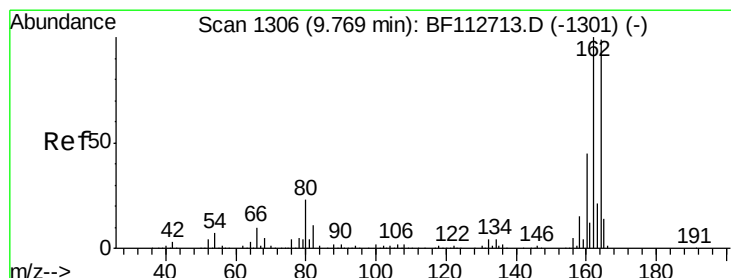
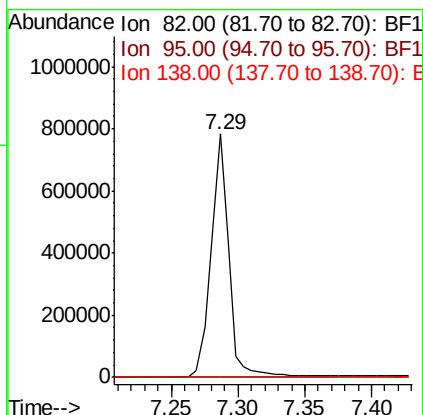
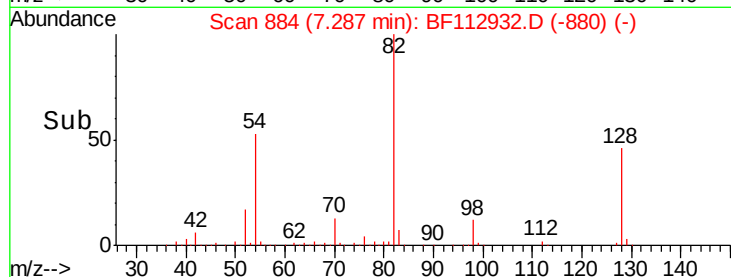
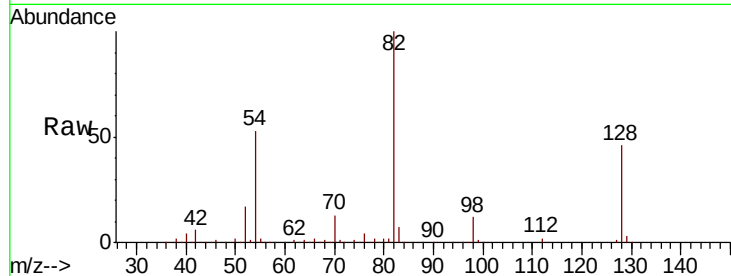




#25
Isophorone
Concen: 27.234 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

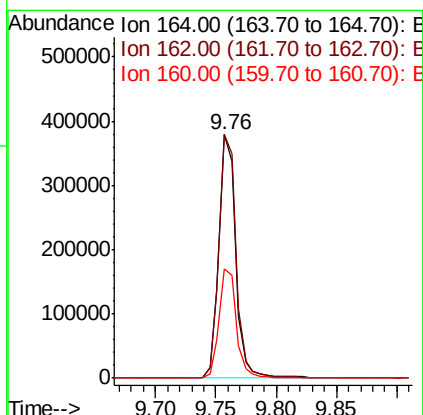
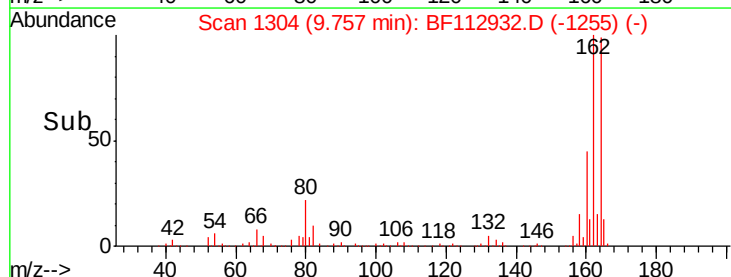
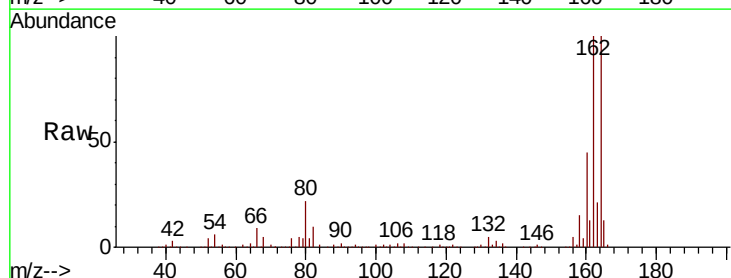
Instrument :
BNA_F
ClientSampleId :

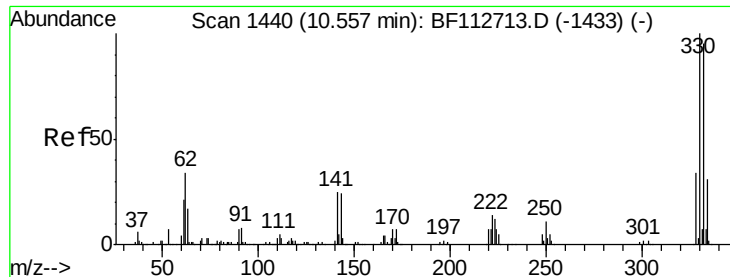
Tgt Ion: 82 Resp: 731094
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

Tgt Ion: 164 Resp: 363413
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 45.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 101.188 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

Instrument :

BNA_F

ClientSampleId :

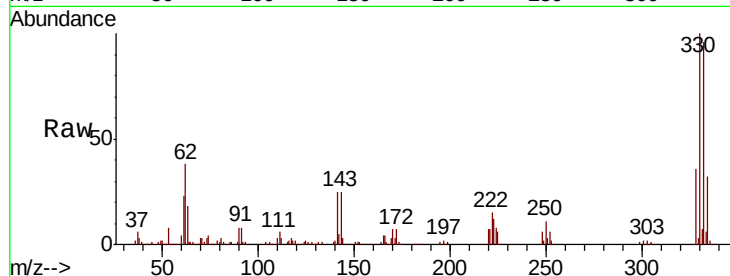
Tgt Ion:330 Resp: 390392

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

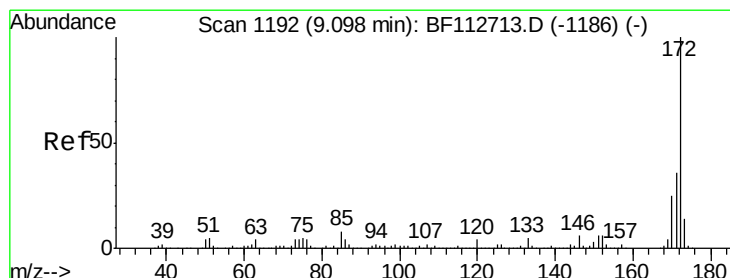
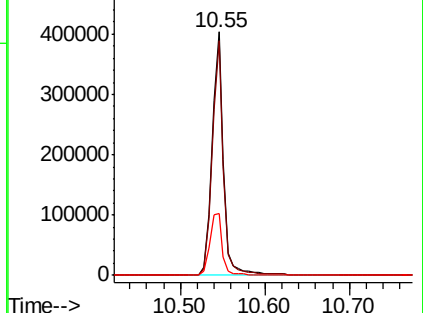
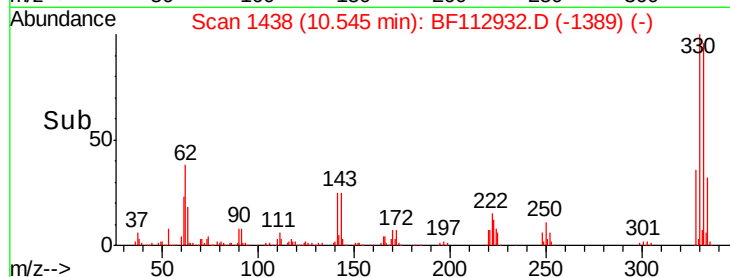
141 28.5 27.0 40.6



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: 59.600 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

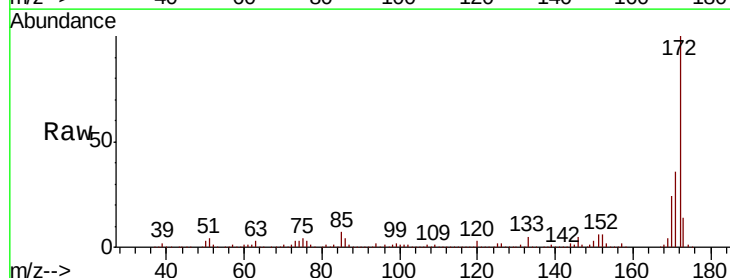
Tgt Ion:172 Resp: 1414551

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

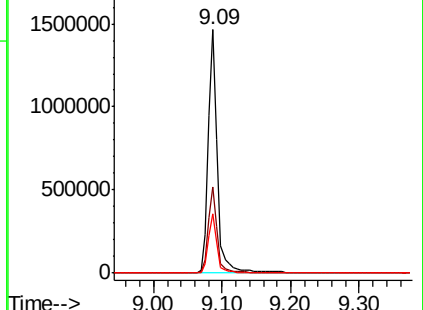
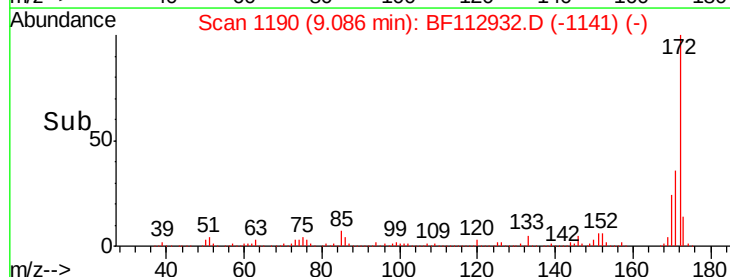
170 24.2 20.0 30.0

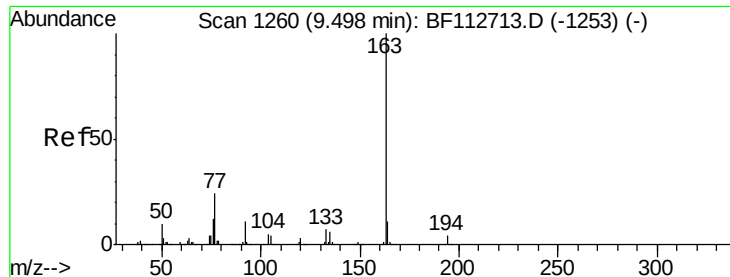


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

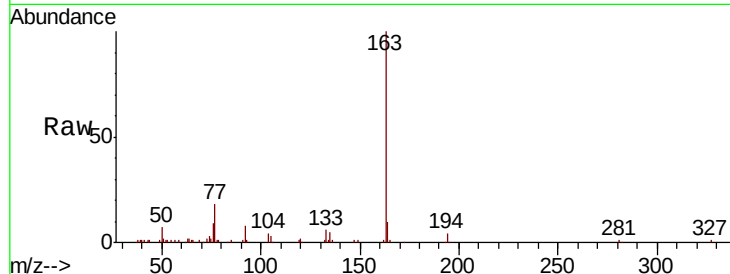




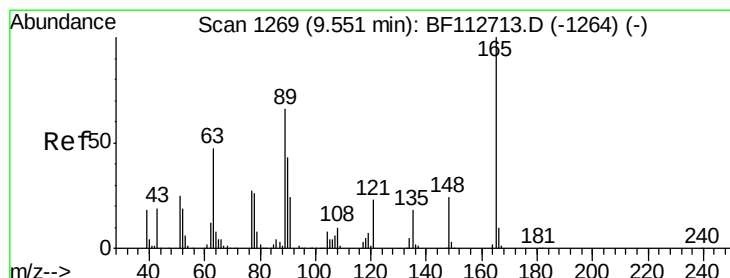
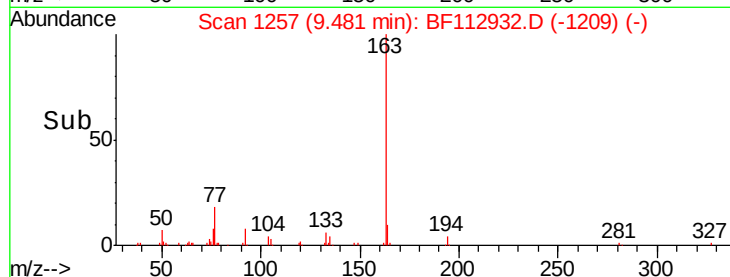
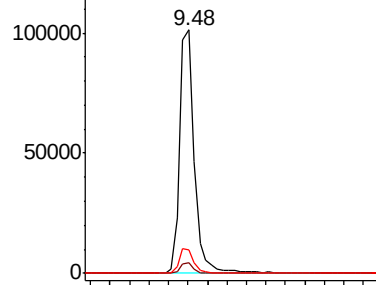
#50
Dimethylphthalate
Concen: 3.993 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

Instrument :
BNA_F
ClientSampled :

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	9.8	8.4	12.6

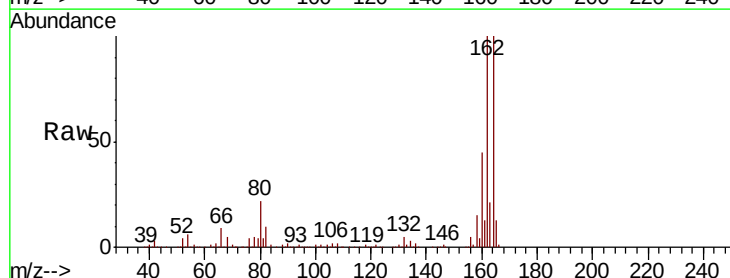


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

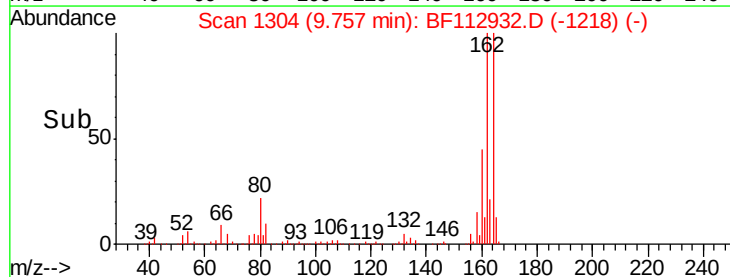
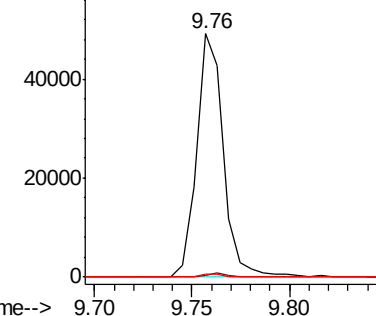


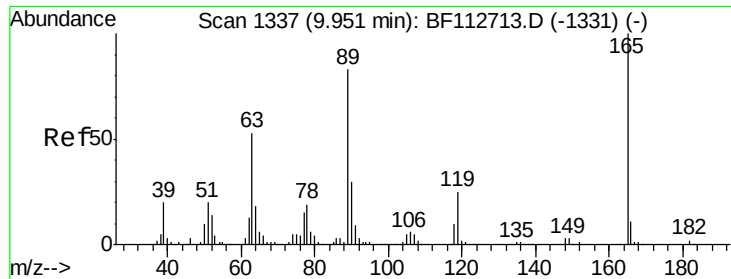
#51
2,6-Dinitrotoluene
Concen: 8.301 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	54.1	81.1#
89	1.0	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

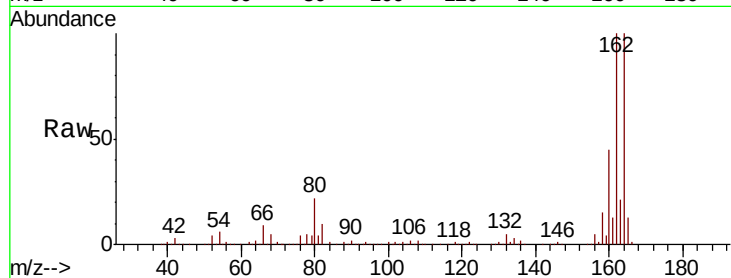




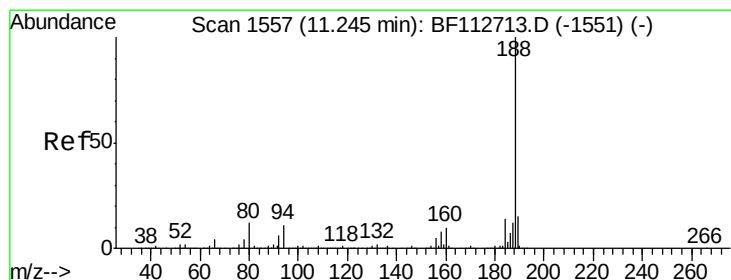
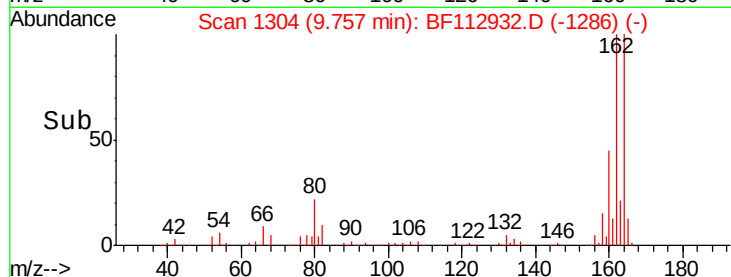
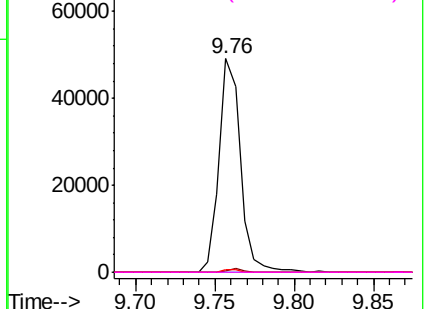
#57
2,4-Dinitrotoluene
Concen: 6.695 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	165	Resp:	46435
Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.2	63.2#
89	1.0	66.2	99.4#
182	0.0	1.8	2.6#

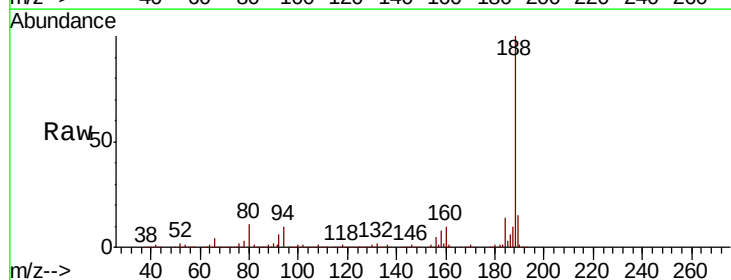


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

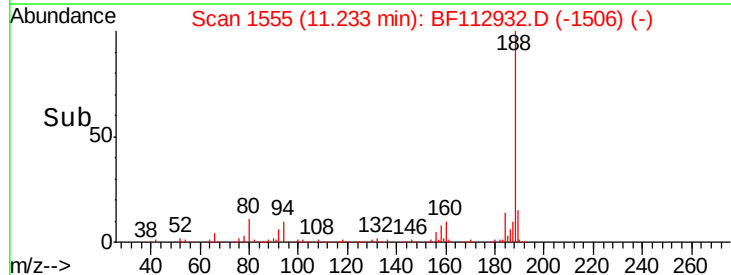
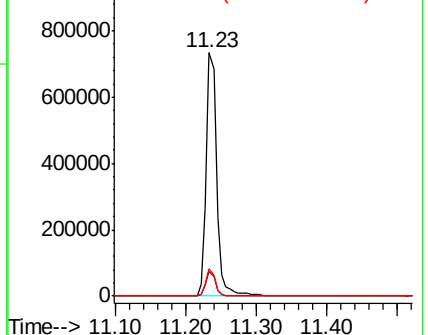


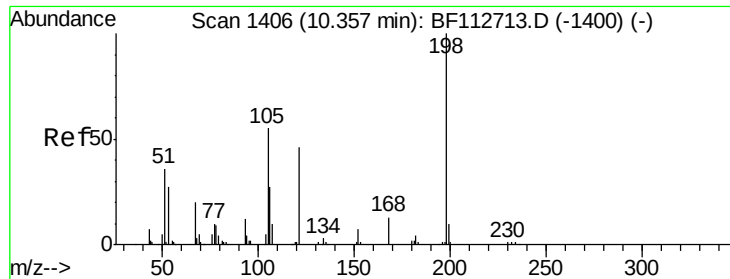
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

Tgt Ion:	188	Resp:	755352
Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.4
80	11.2	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

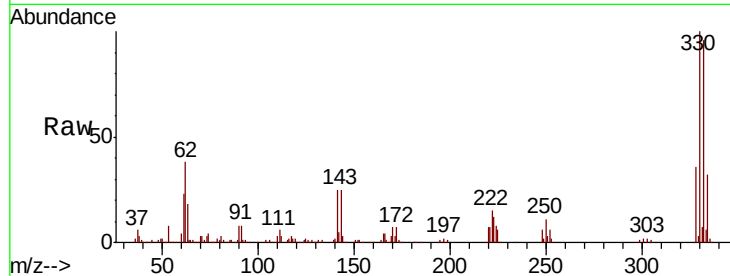




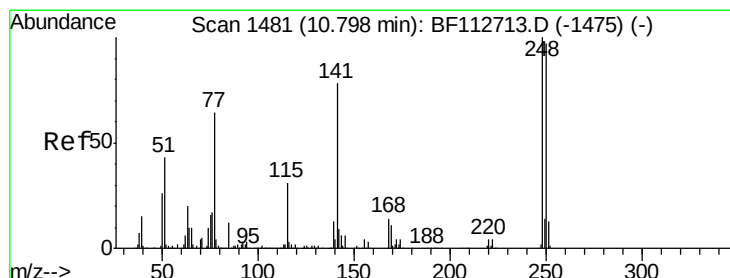
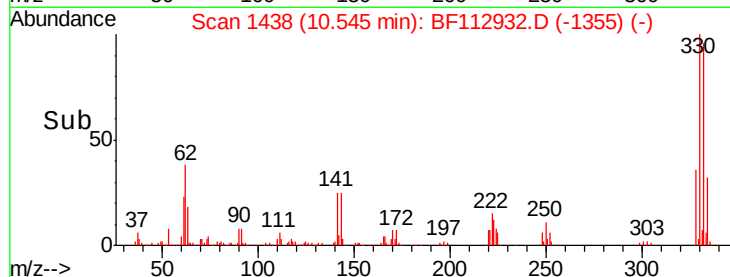
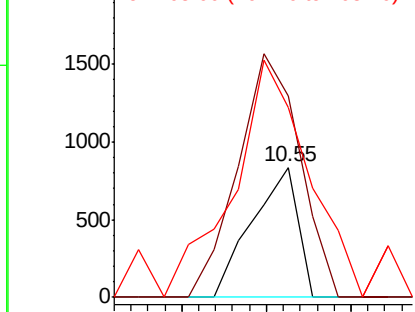
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.797 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112932.D
 Acq: 7 Mar 2019 20:12

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:198 Resp: 634
 Ion Ratio Lower Upper
 198 100
 51 154.9 43.8 83.8#
 105 146.6 36.5 76.5#

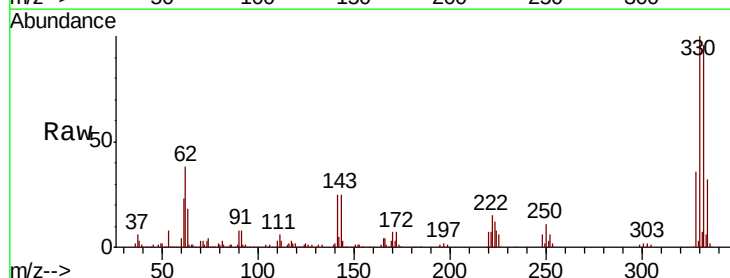


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

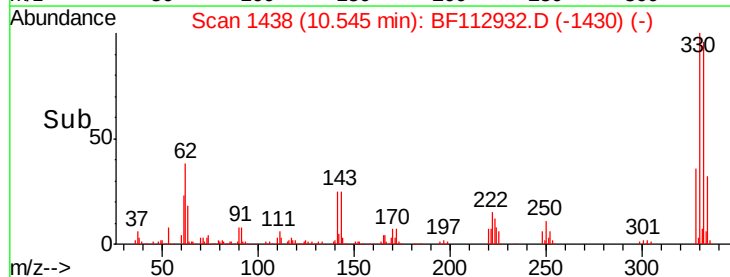
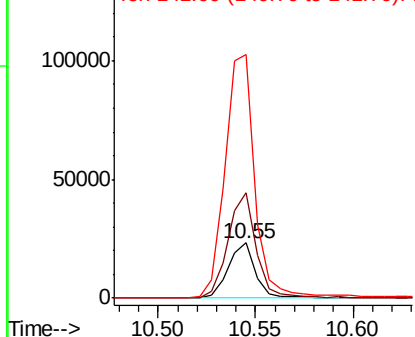


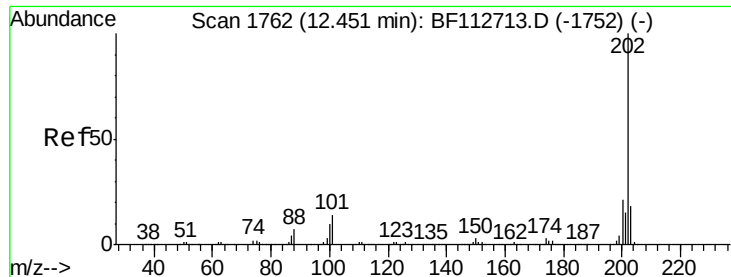
#67
 4-Bromophenyl-phenylether
 Concen: 2.815 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112932.D
 Acq: 7 Mar 2019 20:12

Tgt Ion:248 Resp: 22395
 Ion Ratio Lower Upper
 248 100
 250 192.2 77.5 116.3#
 141 444.0 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: 3.314 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

Instrument :

BNA_F

ClientSampleId :

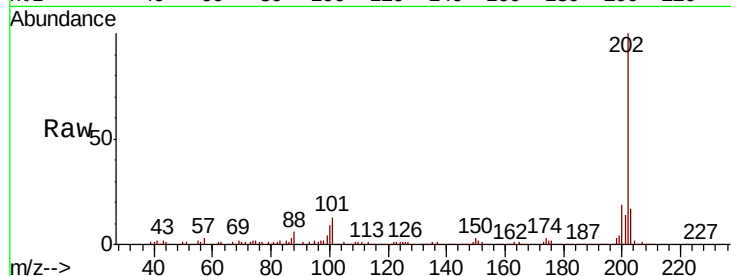
Tgt Ion: 202 Resp: 133440

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.8

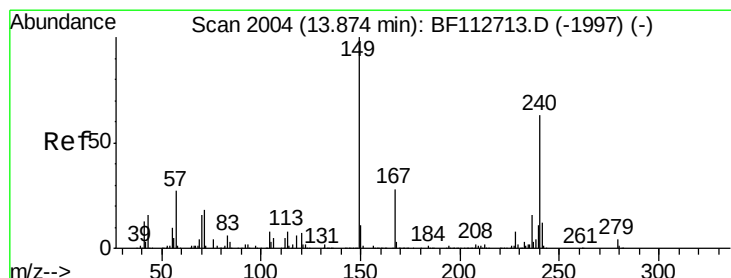
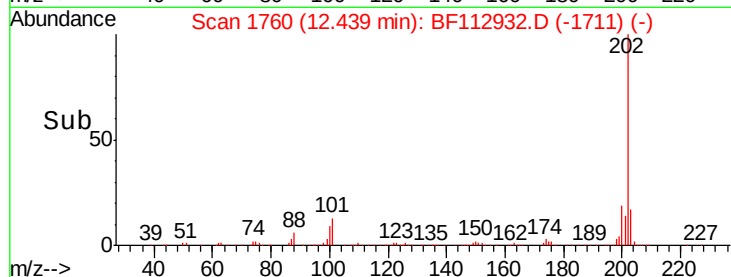
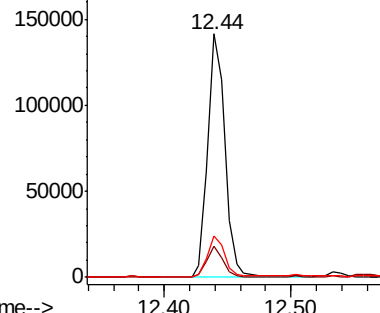
203 16.8 0.0 38.4



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# 2001

Delta R.T. -0.02 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

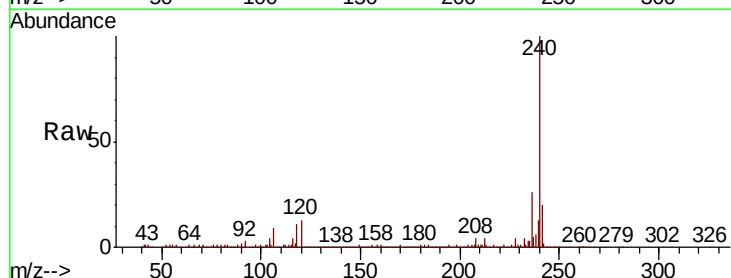
Tgt Ion: 240 Resp: 543361

Ion Ratio Lower Upper

240 100

120 12.9 8.9 13.3

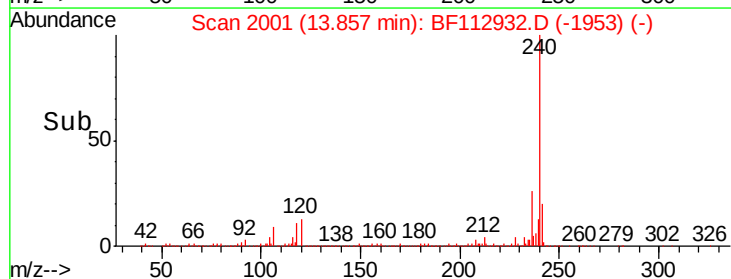
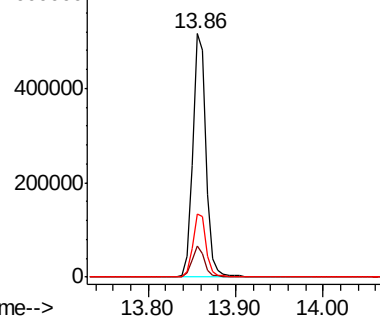
236 25.9 20.7 31.1

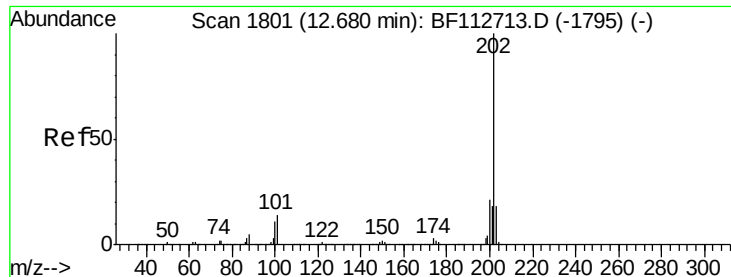


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

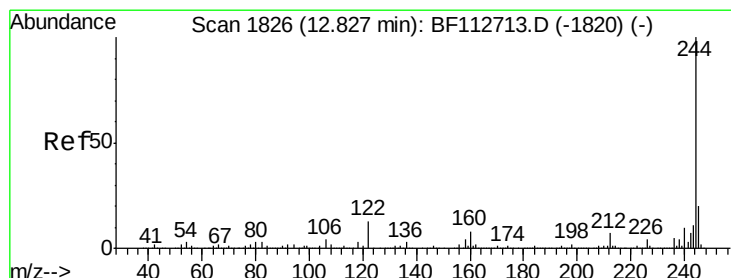
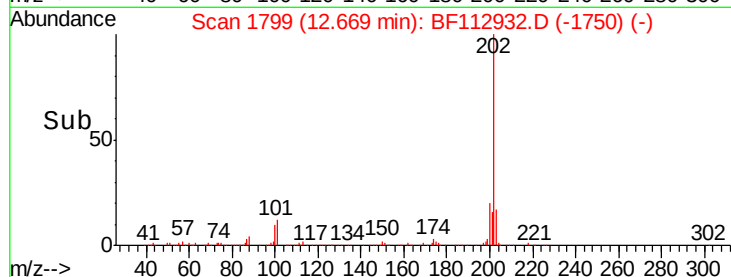
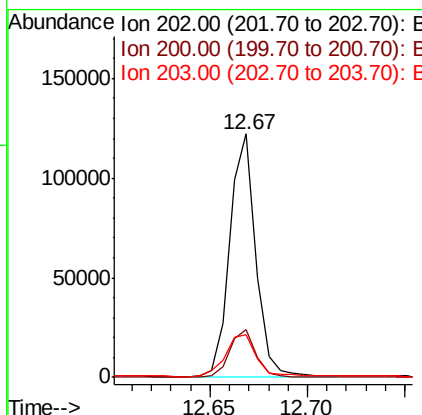
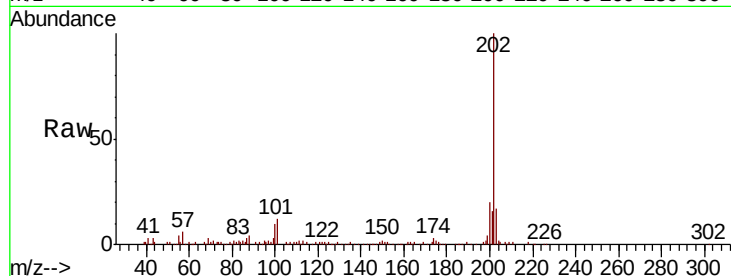




#78
 Pyrene
 Concen: 2.445 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF112932.D
 Acq: 7 Mar 2019 20:12

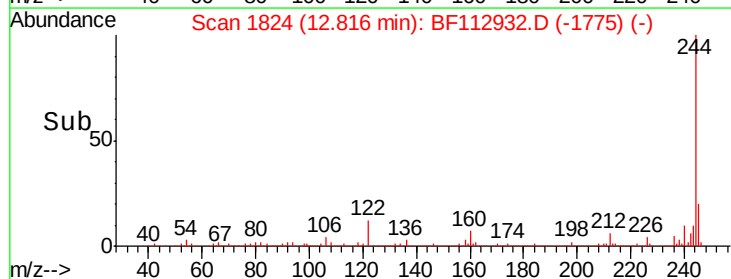
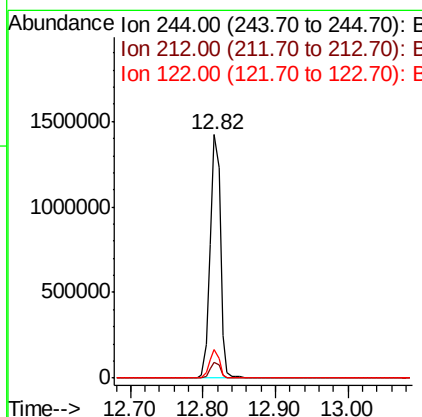
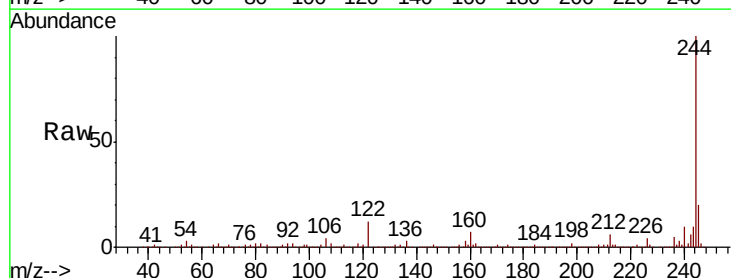
Instrument :
 BNA_F
 ClientSampleId :

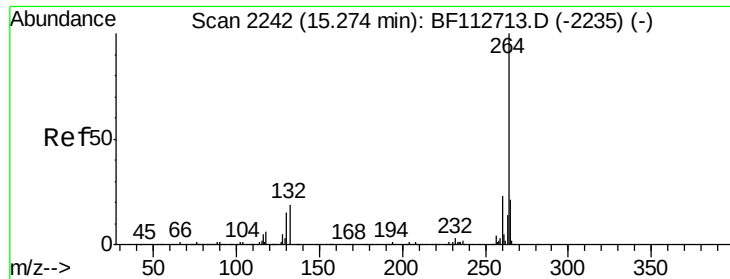
Tgt Ion: 202 Resp: 112006
 Ion Ratio Lower Upper
 202 100
 200 19.7 17.0 25.4
 203 17.3 14.4 21.6



#79
 Terphenyl-d14
 Concen: 50.188 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112932.D
 Acq: 7 Mar 2019 20:12

Tgt Ion: 244 Resp: 1406775
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 12.0 10.5 15.7

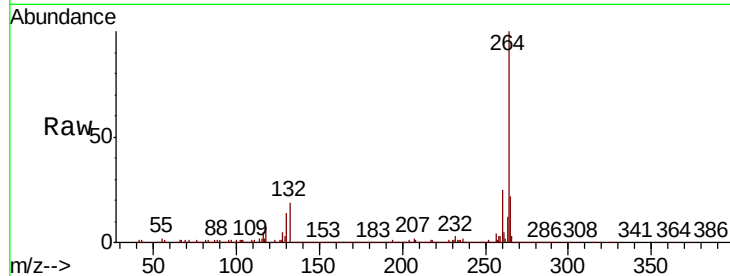




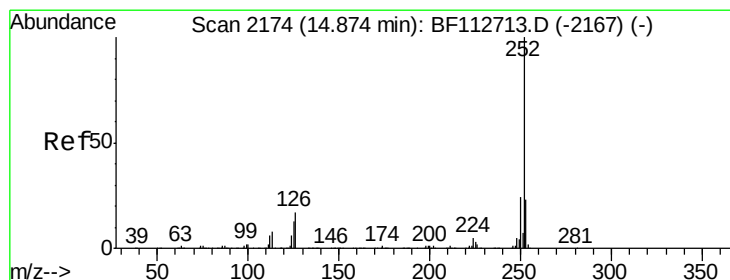
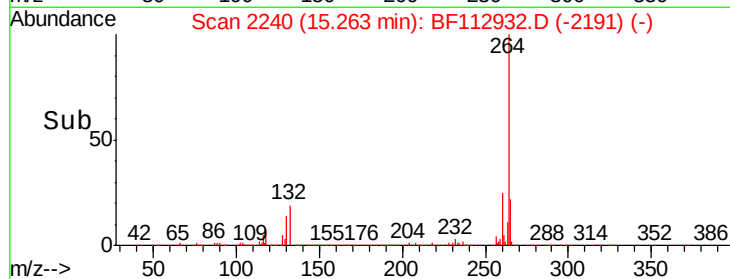
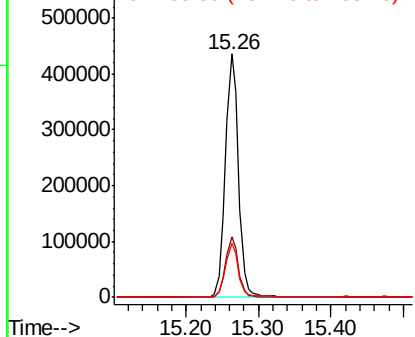
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

Instrument :
BNA_F
ClientSampled :

Tgt Ion:264 Resp: 553381
Ion Ratio Lower Upper
264 100
260 24.9 18.7 28.1
265 22.4 17.2 25.8

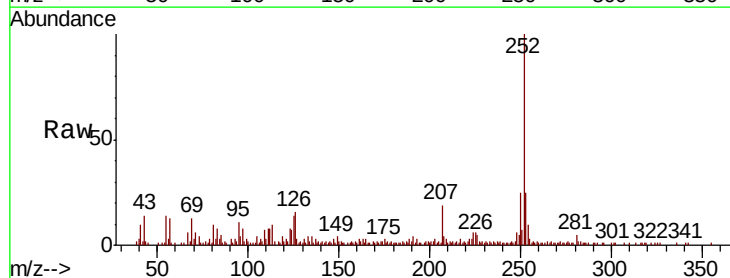


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

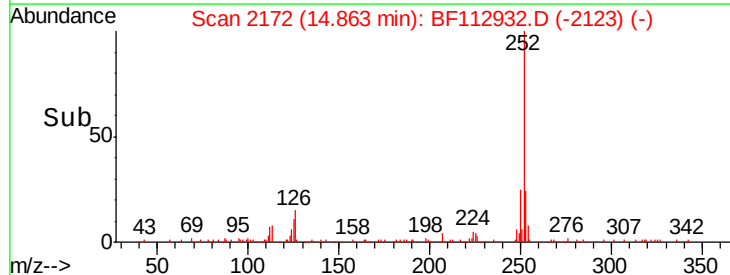
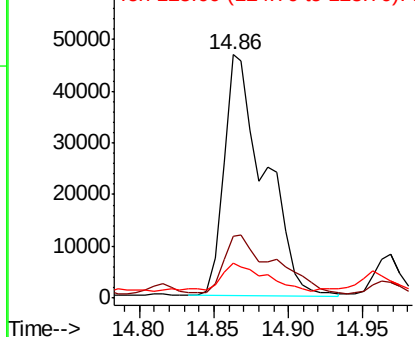


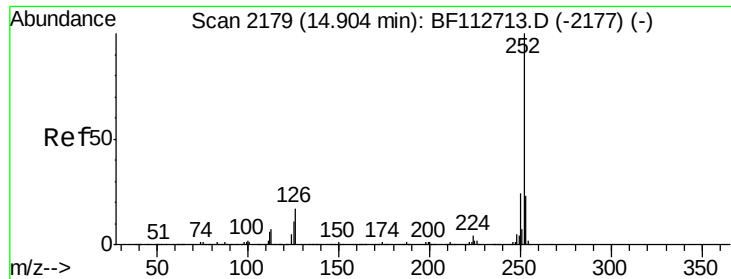
#88
Benzo(b)fluoranthene
Concen: 2.473 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

Tgt Ion:252 Resp: 88534
Ion Ratio Lower Upper
252 100
253 25.4 18.0 27.0
125 14.4 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

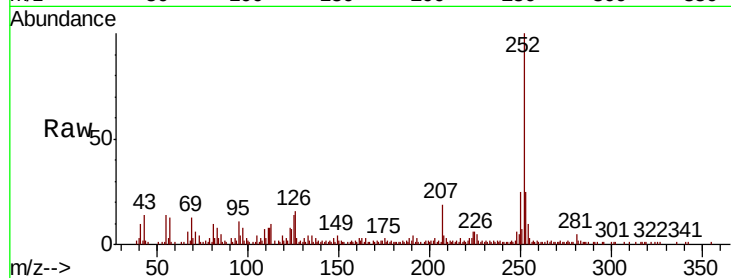




#89
 Benzo(k)fluoranthene
 Concen: 2.731 ng
 RT: 14.86 min Scan# 2172
 Delta R.T. -0.04 min
 Lab File: BF112932.D
 Acq: 7 Mar 2019 20:12

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.2	27.2
125	14.4	9.8	14.6



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

