

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113428.D
 Acq On : 29 Mar 2019 22:18
 Operator : JU/SJ
 Sample : K1685-13 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-032819-C

Quant Time: Mar 30 00:58:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

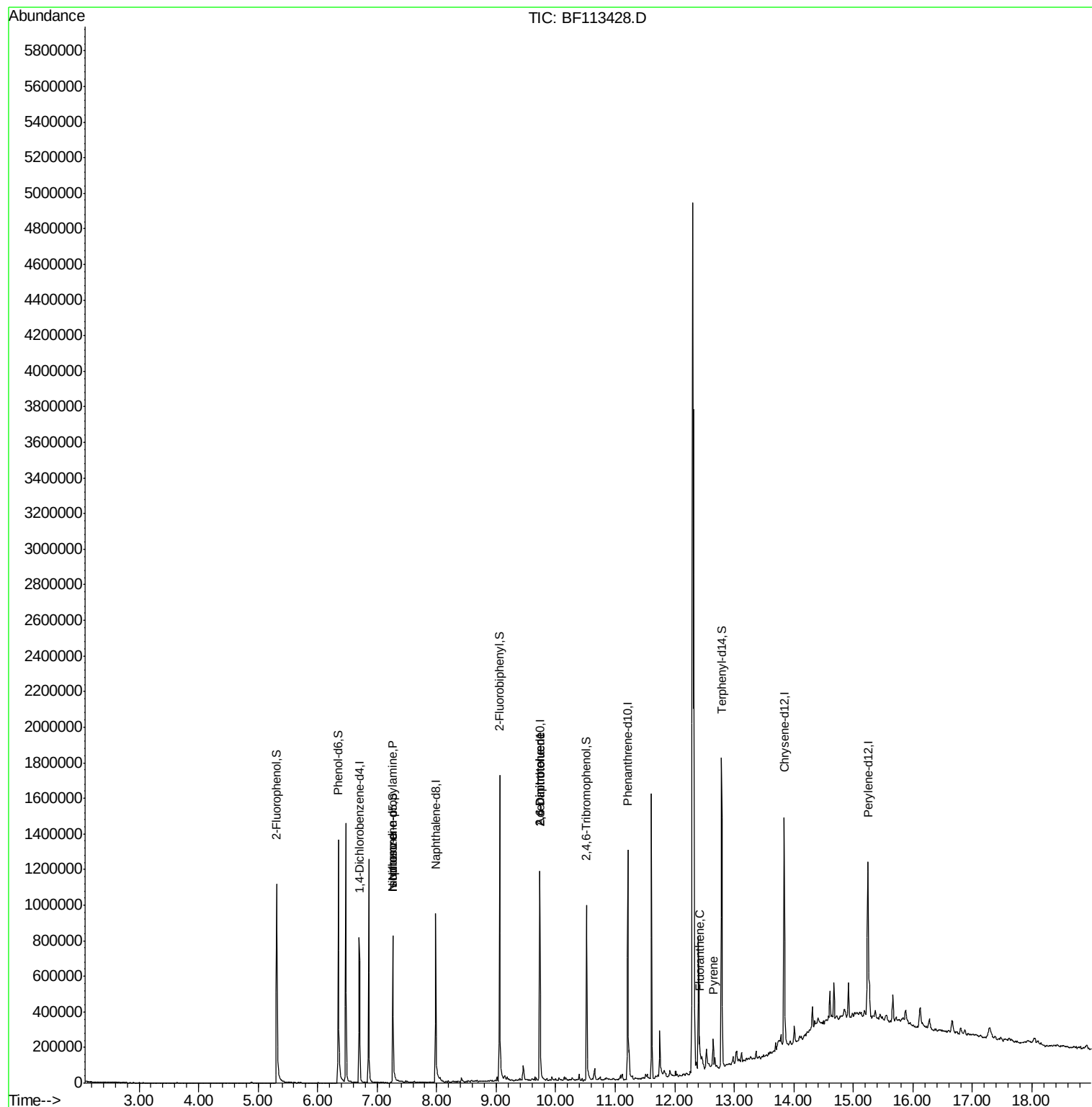
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	132335	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	514553	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	253435	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	504831	20.00	ng	0.00
76) Chrysene-d12	13.84	240	472065	20.00	ng	0.00
87) Perylene-d12	15.24	264	430173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	395888	48.92	ng	0.00
7) Phenol-d6	6.35	99	534213	52.18	ng	-0.01
23) Nitrobenzene-d5	7.26	82	307903	35.52	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	148257	47.36	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	593704	24.08	ng	0.00
79) Terphenyl-d14	12.79	244	631295	29.48	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	38521	5.990	ng	# 73
25) Isophorone	7.26	82	307902	18.327	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	32003	7.553	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	32003	5.939	ng	# 23
75) Fluoranthene	12.42	202	84229	2.972	ng	99
78) Pyrene	12.65	202	66340	2.028	ng	98

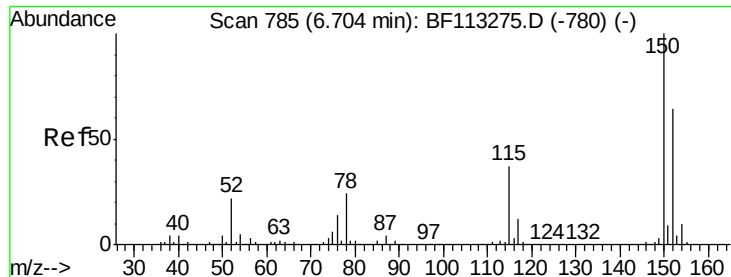
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF113428.D

Acq: 29 Mar 2019 22:18

Instrument :

BNA_F

ClientSampleId :

AU-06-032819-C

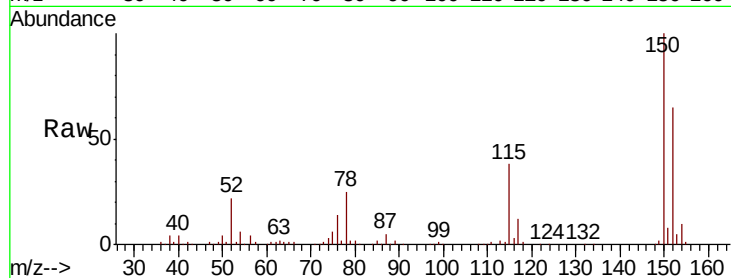
Tgt Ion:152 Resp: 132335

Ion Ratio Lower Upper

152 100

150 153.8 124.7 187.1

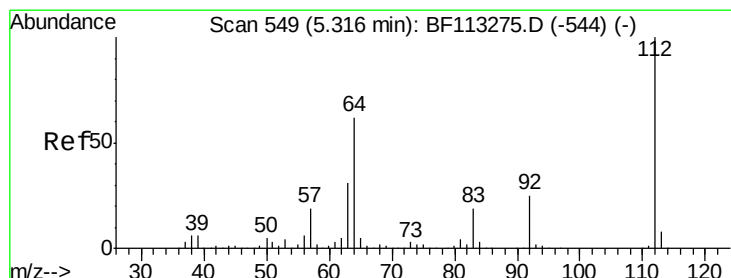
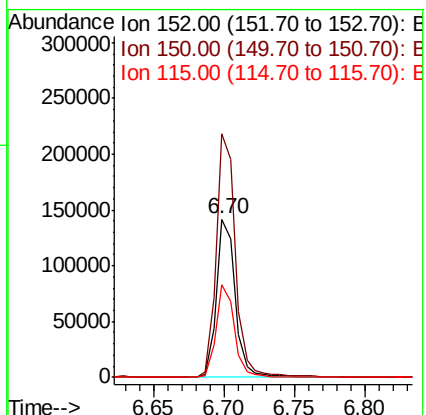
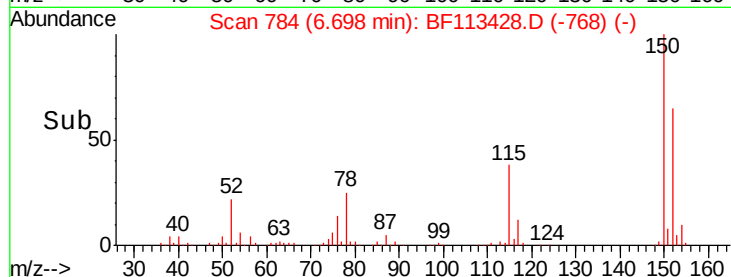
115 58.2 46.0 69.0



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: 48.916 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF113428.D

Acq: 29 Mar 2019 22:18

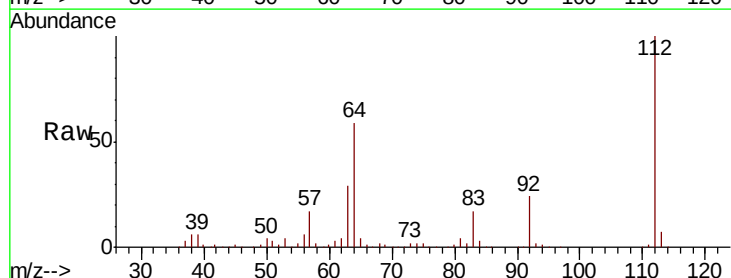
Tgt Ion:112 Resp: 395888

Ion Ratio Lower Upper

112 100

64 59.2 49.2 73.8

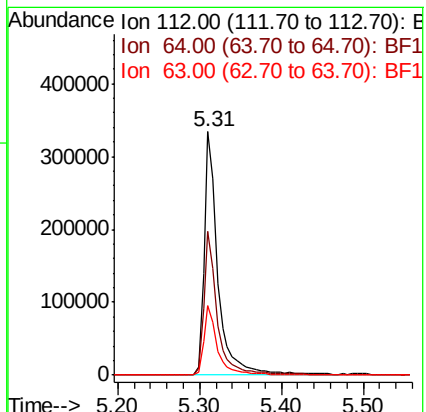
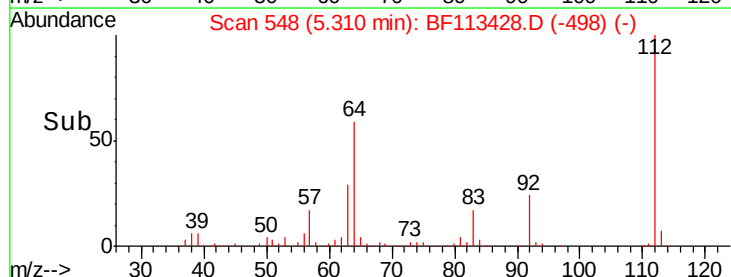
63 28.8 24.9 37.3

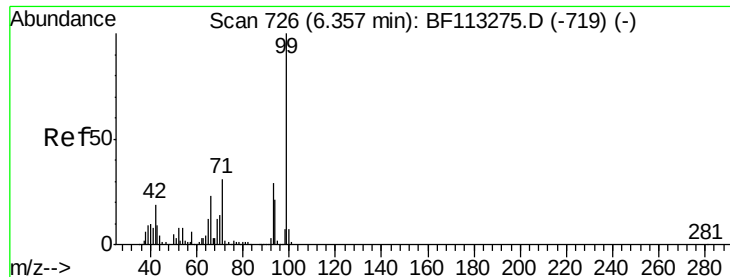


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 52.177 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113428.D

Acq: 29 Mar 2019 22:18

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ClientSampleId :

AU-06-032819-C

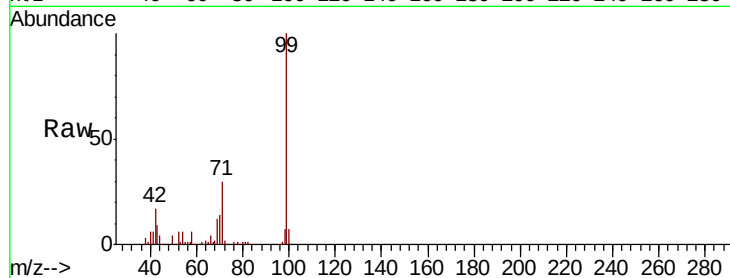
Tgt Ion: 99 Resp: 534213

Ion Ratio Lower Upper

99 100

42 17.2 14.8 22.2

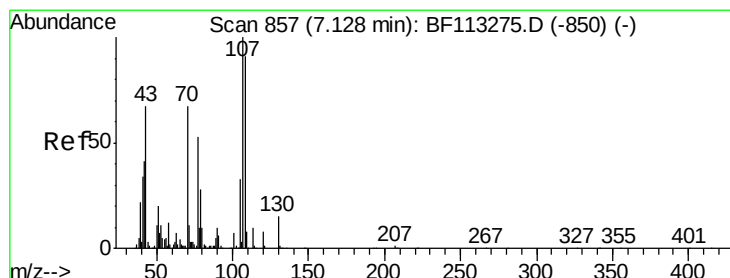
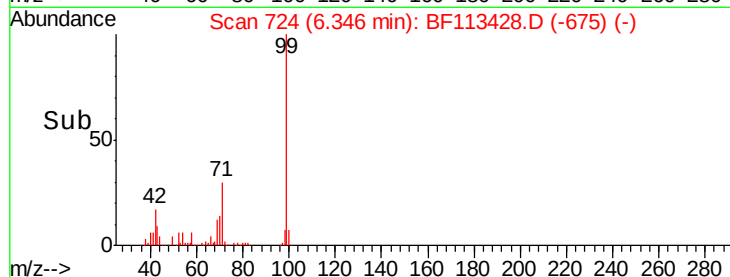
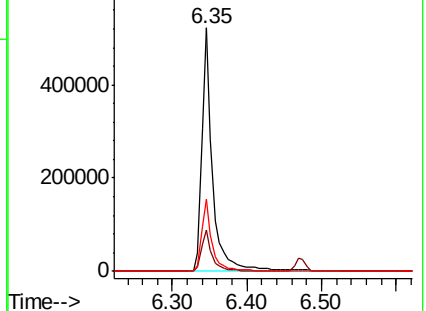
71 29.6 24.9 37.3



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: 5.990 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113428.D

Acq: 29 Mar 2019 22:18

Tgt Ion: 70 Resp: 38521

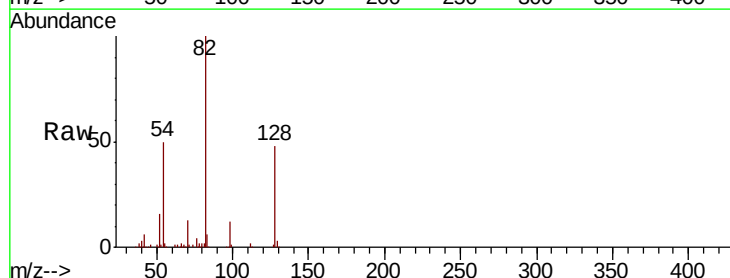
Ion Ratio Lower Upper

70 100

42 44.7 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

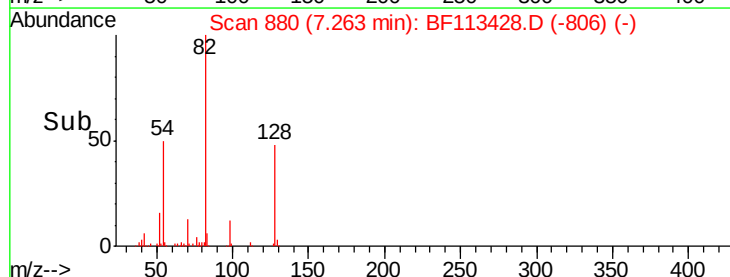
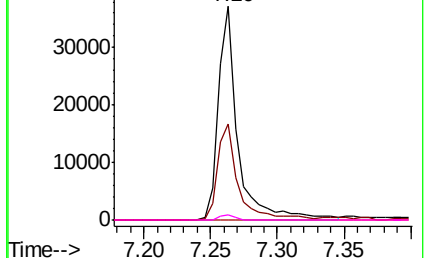


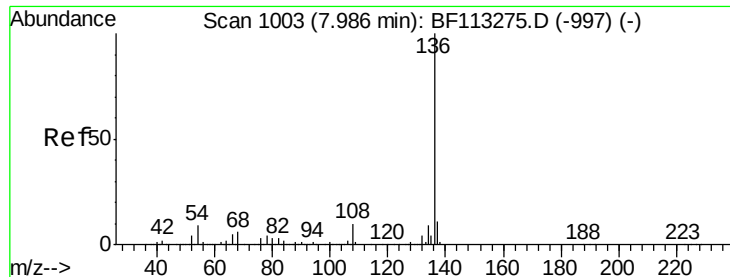
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

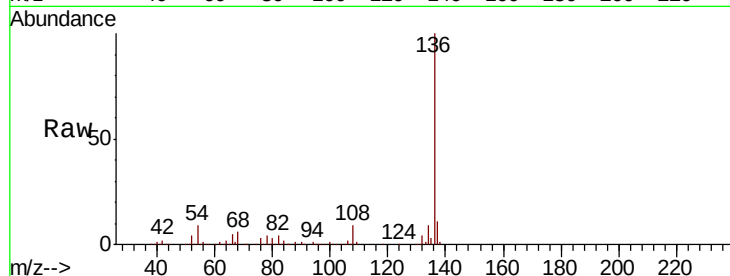




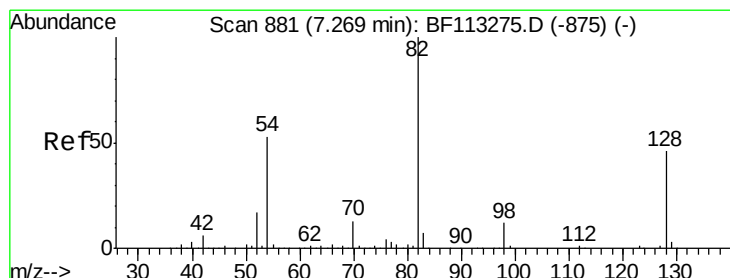
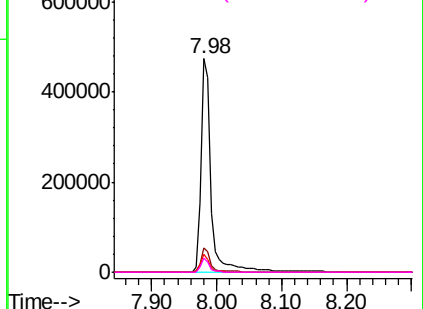
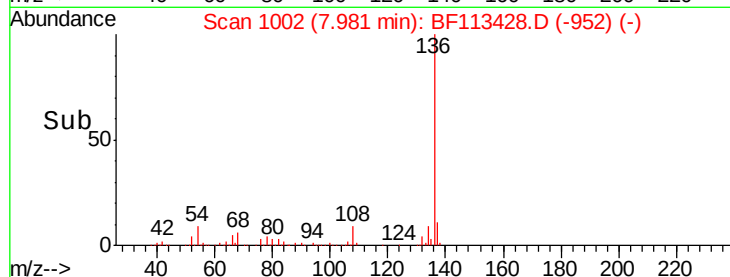
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

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BNA_F
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AU-06-032819-C

Tgt Ion:	136	Resp:	514553
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.6	7.0	10.6
68	6.3	4.8	7.2

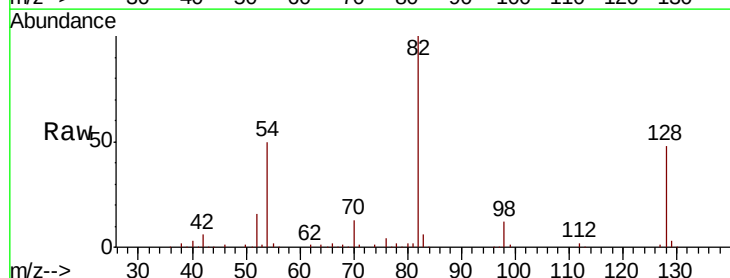


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

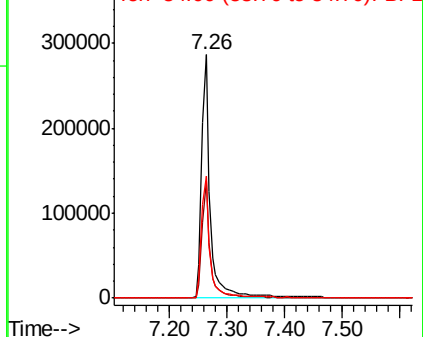
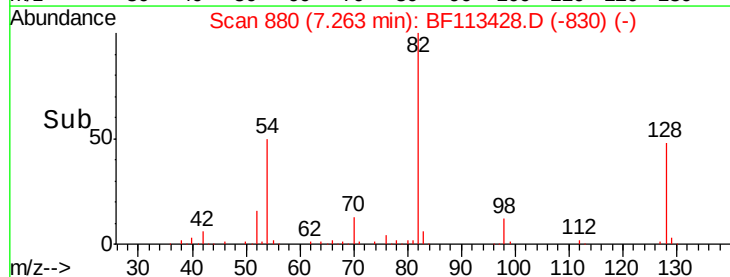


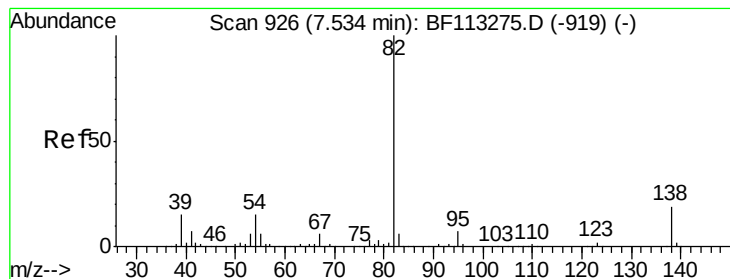
#23
Nitrobenzene-d5
Concen: 35.517 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion:	82	Resp:	307903
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.5	54.7
54	49.9	42.2	63.2



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: 18.327 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF113428.D

Acq: 29 Mar 2019 22:18

Instrument :

BNA_F

ClientSampleId :

AU-06-032819-C

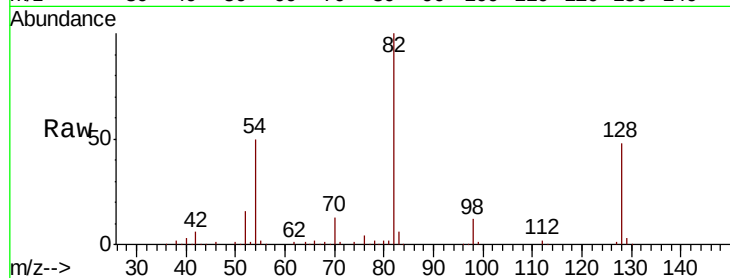
Tgt Ion: 82 Resp: 307902

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

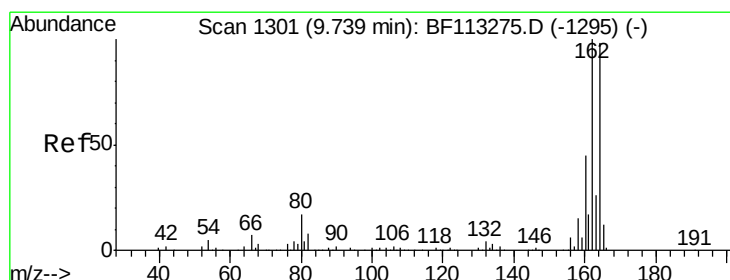
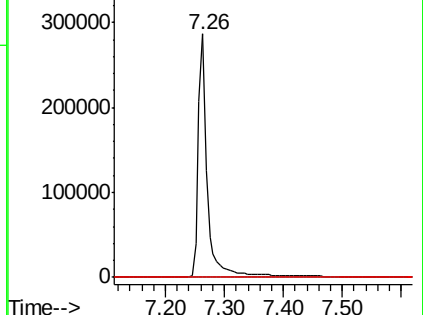
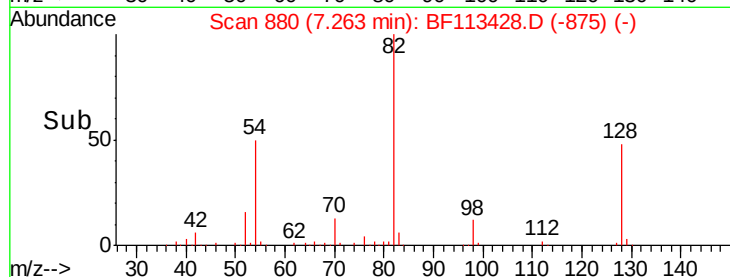
138 0.0 15.2 22.8#



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113428.D

Acq: 29 Mar 2019 22:18

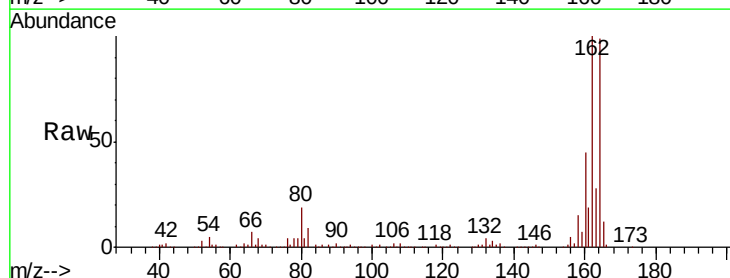
Tgt Ion: 164 Resp: 253435

Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.6

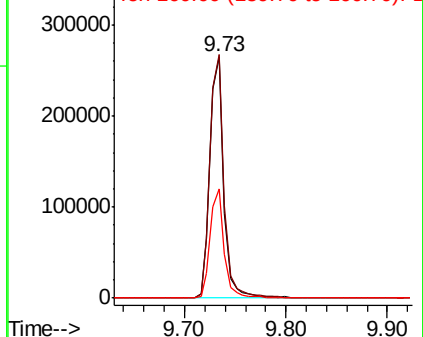
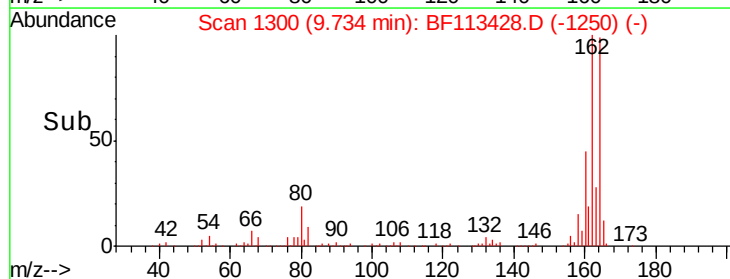
160 45.2 36.4 54.6

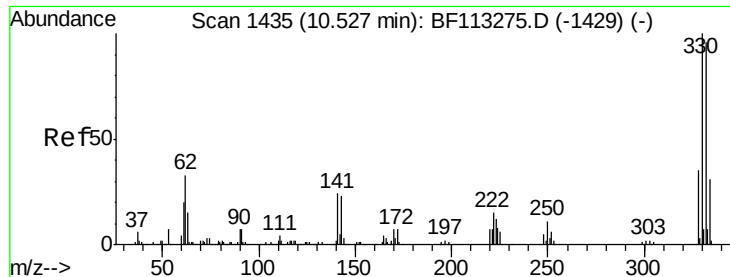


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

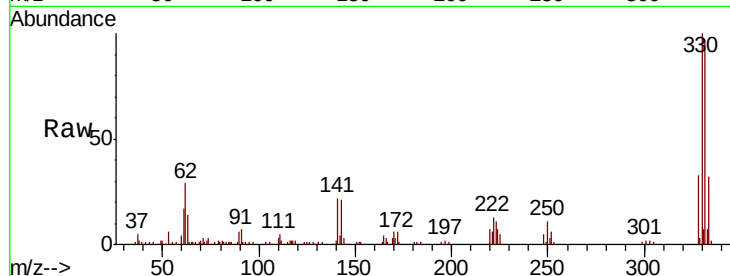




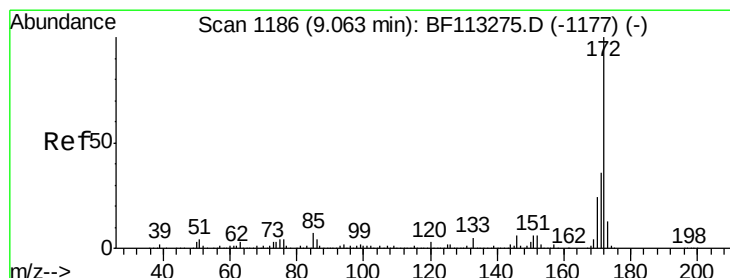
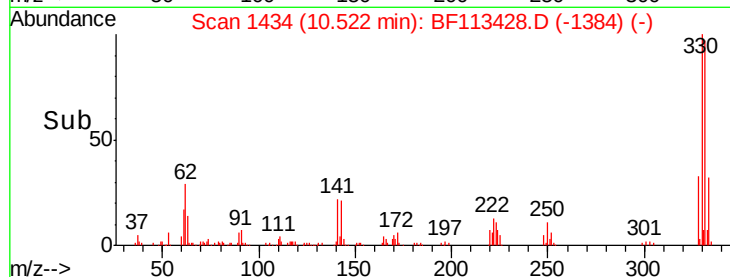
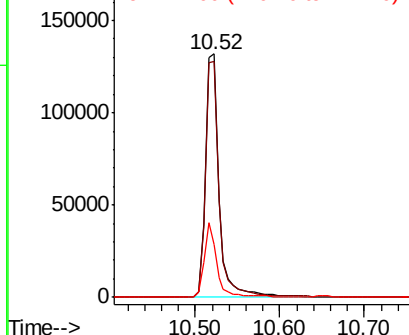
#42
 2,4,6-Tribromophenol
 Concen: 47.359 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113428.D
 Acq: 29 Mar 2019 22:18

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 BNA_F
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 AU-06-032819-C

Tgt Ion:330 Resp: 148257
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.8 116.6
 141 27.8 22.7 34.1

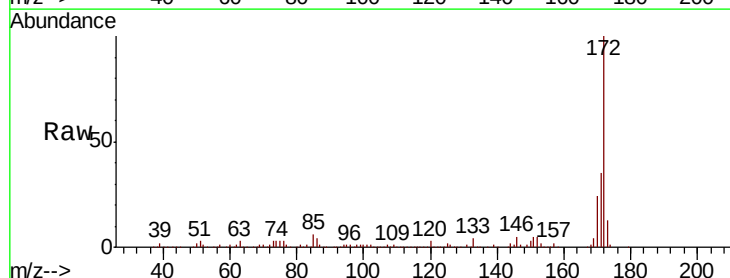


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

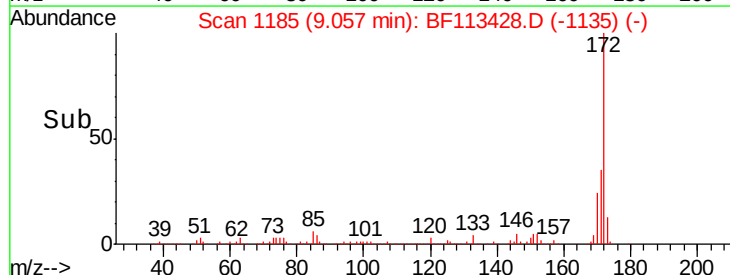
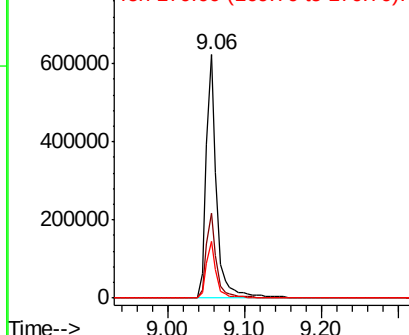


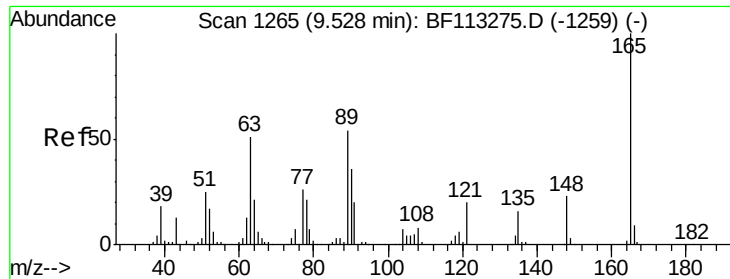
#45
 2-Fluorobiphenyl
 Concen: 24.076 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF113428.D
 Acq: 29 Mar 2019 22:18

Tgt Ion:172 Resp: 593704
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.0 43.6
 170 23.5 19.5 29.3



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

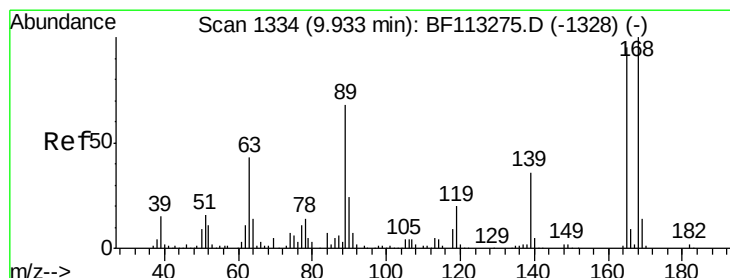
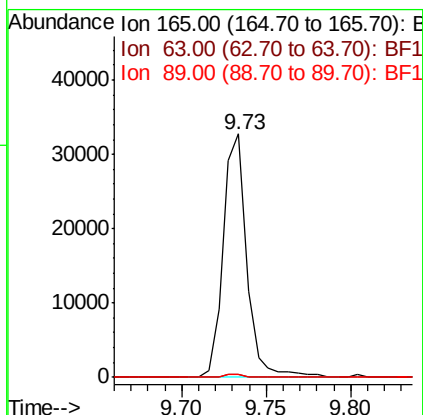
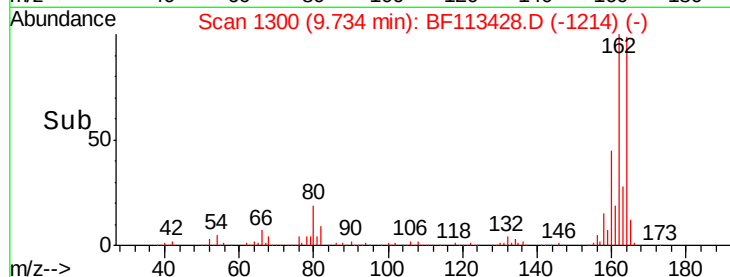
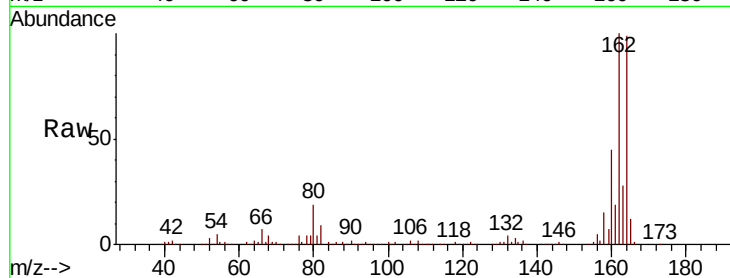




#51
 2,6-Dinitrotoluene
 Concen: 7.553 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113428.D
 Acq: 29 Mar 2019 22:18

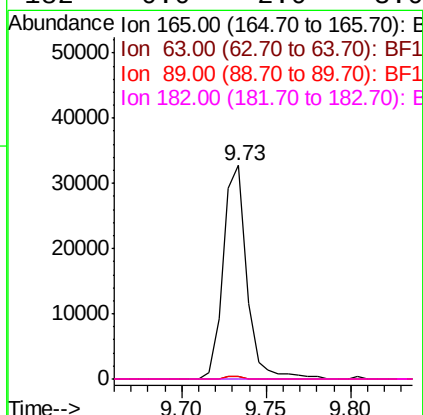
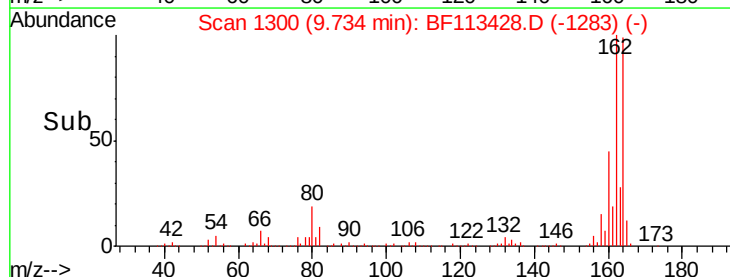
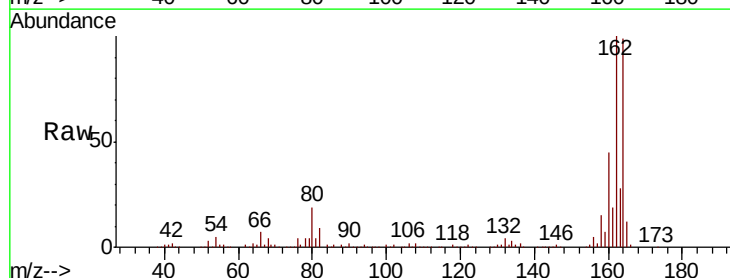
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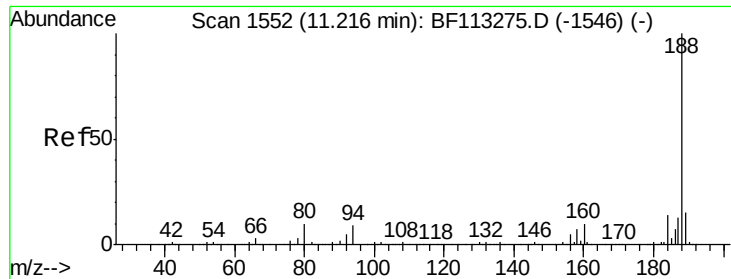
Tgt Ion:165 Resp: 32003
 Ion Ratio Lower Upper
 165 100
 63 1.5 43.4 65.0#
 89 1.3 43.1 64.7#



#57
 2,4-Dinitrotoluene
 Concen: 5.939 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113428.D
 Acq: 29 Mar 2019 22:18

Tgt Ion:165 Resp: 32003
 Ion Ratio Lower Upper
 165 100
 63 1.5 37.5 56.3#
 89 1.3 57.4 86.2#
 182 0.0 2.0 3.0#

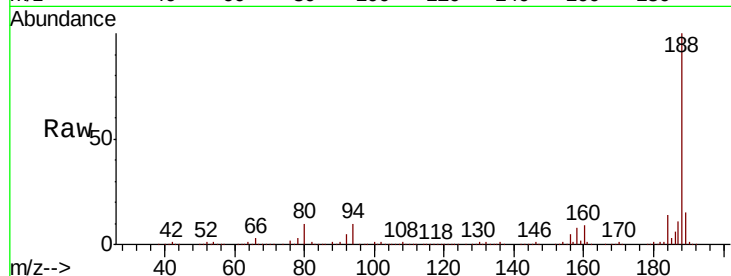




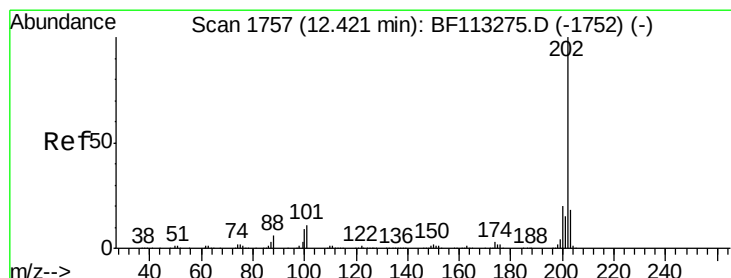
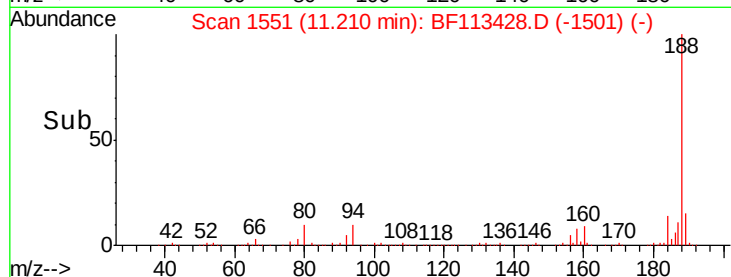
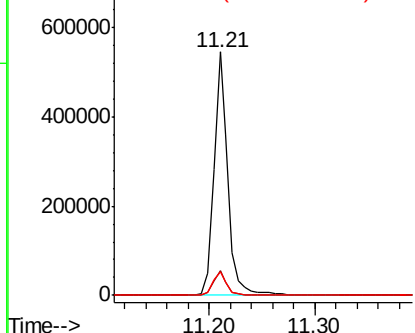
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tgt Ion:188 Resp: 504831
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 9.9 7.7 11.5

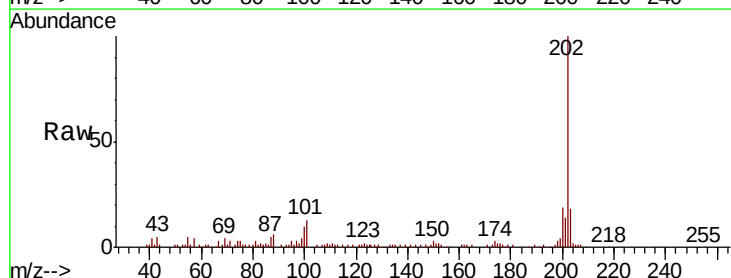


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

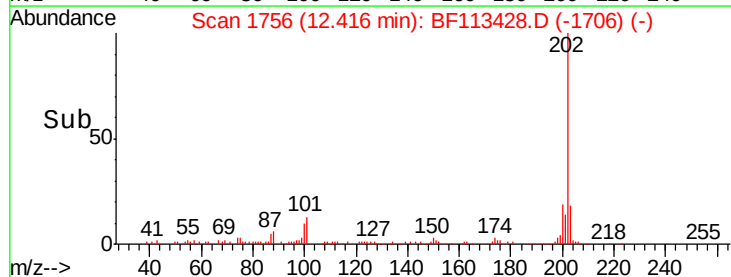
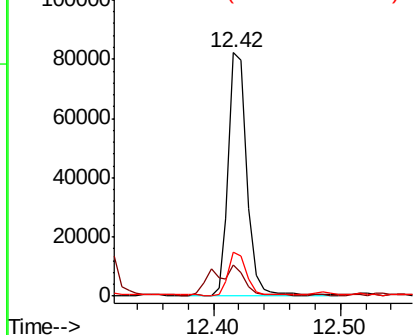


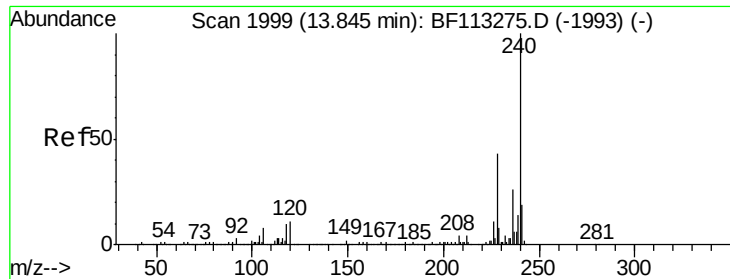
#75
Fluoranthene
Concen: 2.972 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion:202 Resp: 84229
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.4
203 18.0 0.0 38.0



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

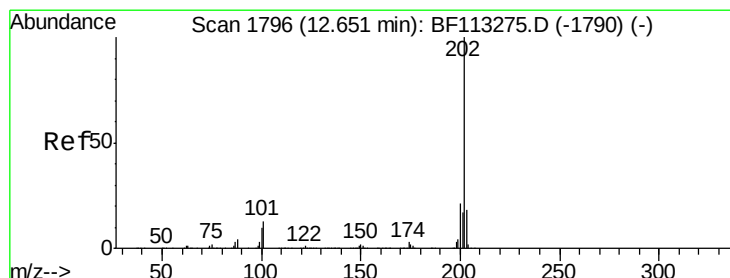
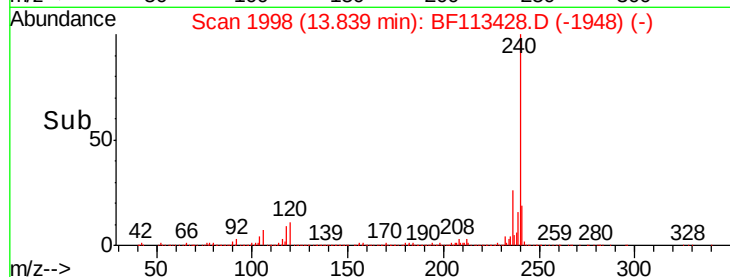
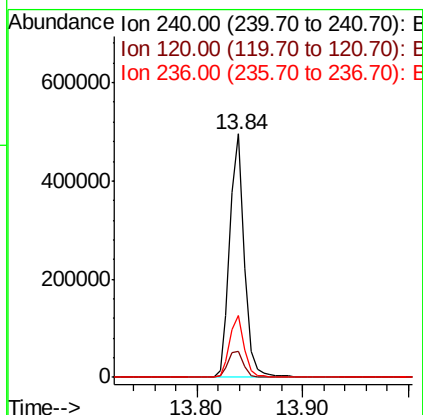
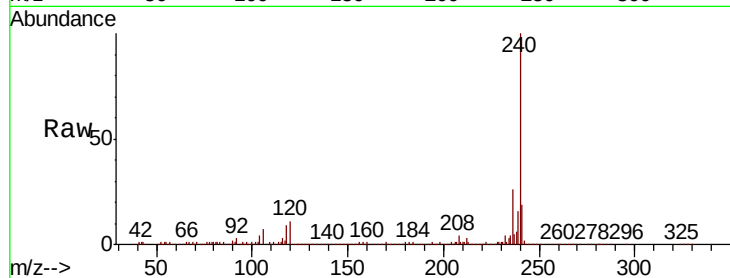




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

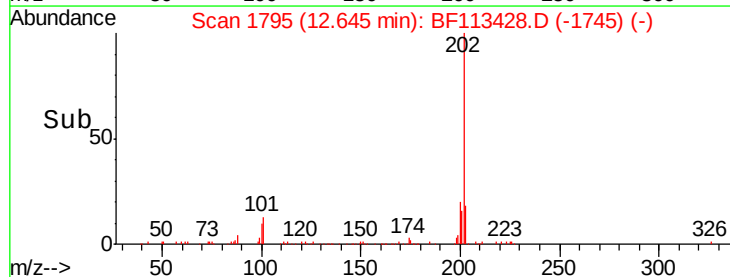
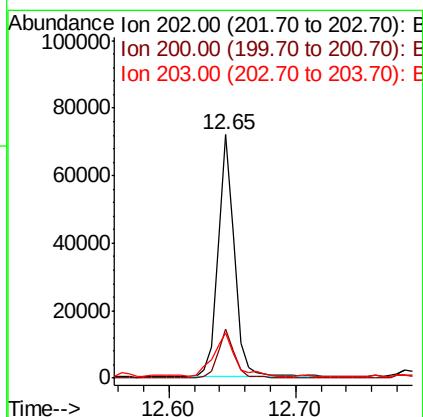
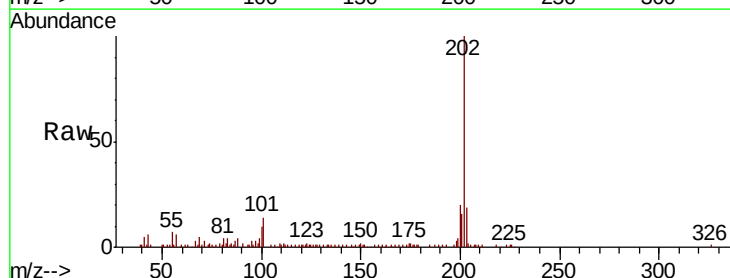
Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

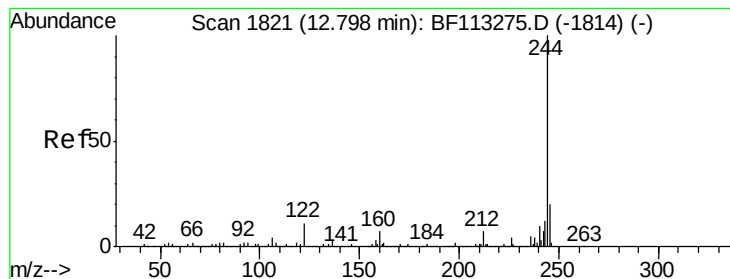
Tgt Ion:240 Resp: 472065
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.6 20.9 31.3



#78
Pyrene
Concen: 2.028 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion:202 Resp: 66340
Ion Ratio Lower Upper
202 100
200 20.1 16.8 25.2
203 18.6 14.4 21.6





#79

Terphenyl-d14

Concen: 29.476 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113428.D

Acq: 29 Mar 2019 22:18

Instrument :

BNA_F

ClientSampleId :

AU-06-032819-C

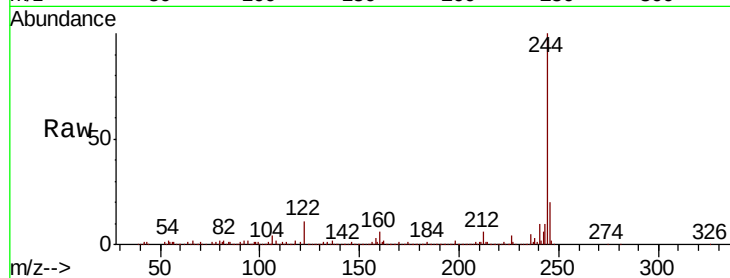
Tgt Ion:244 Resp: 631295

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

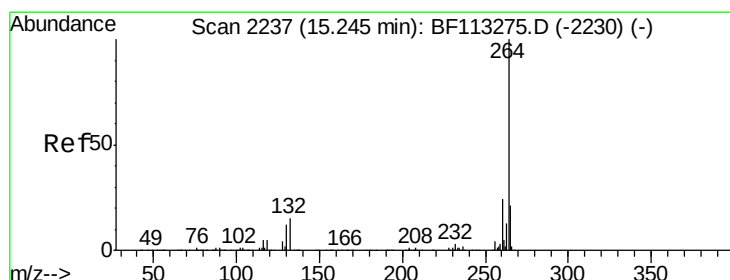
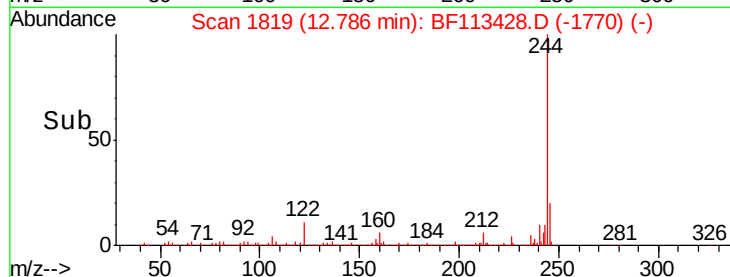
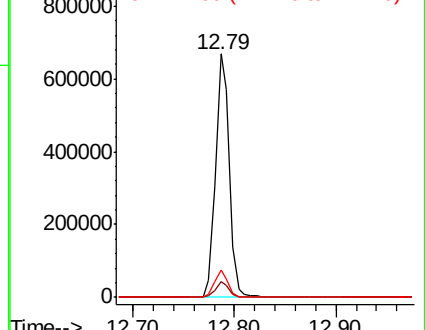
122 11.3 8.6 13.0



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: 15.24 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF113428.D

Acq: 29 Mar 2019 22:18

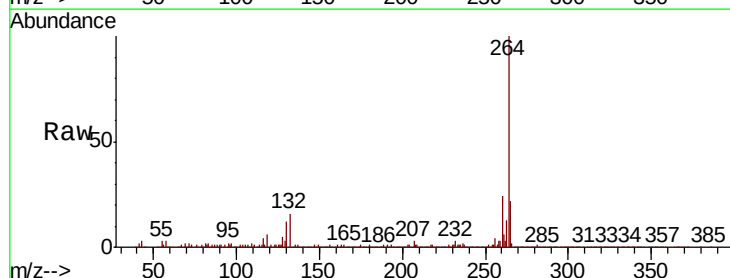
Tgt Ion:264 Resp: 430173

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.7 17.1 25.7



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

