

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112827.D
 Acq On : 4 Mar 2019 16:34
 Operator : JU/SJ
 Sample : K1688-19 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-J

Quant Time: Mar 05 00:37:40 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

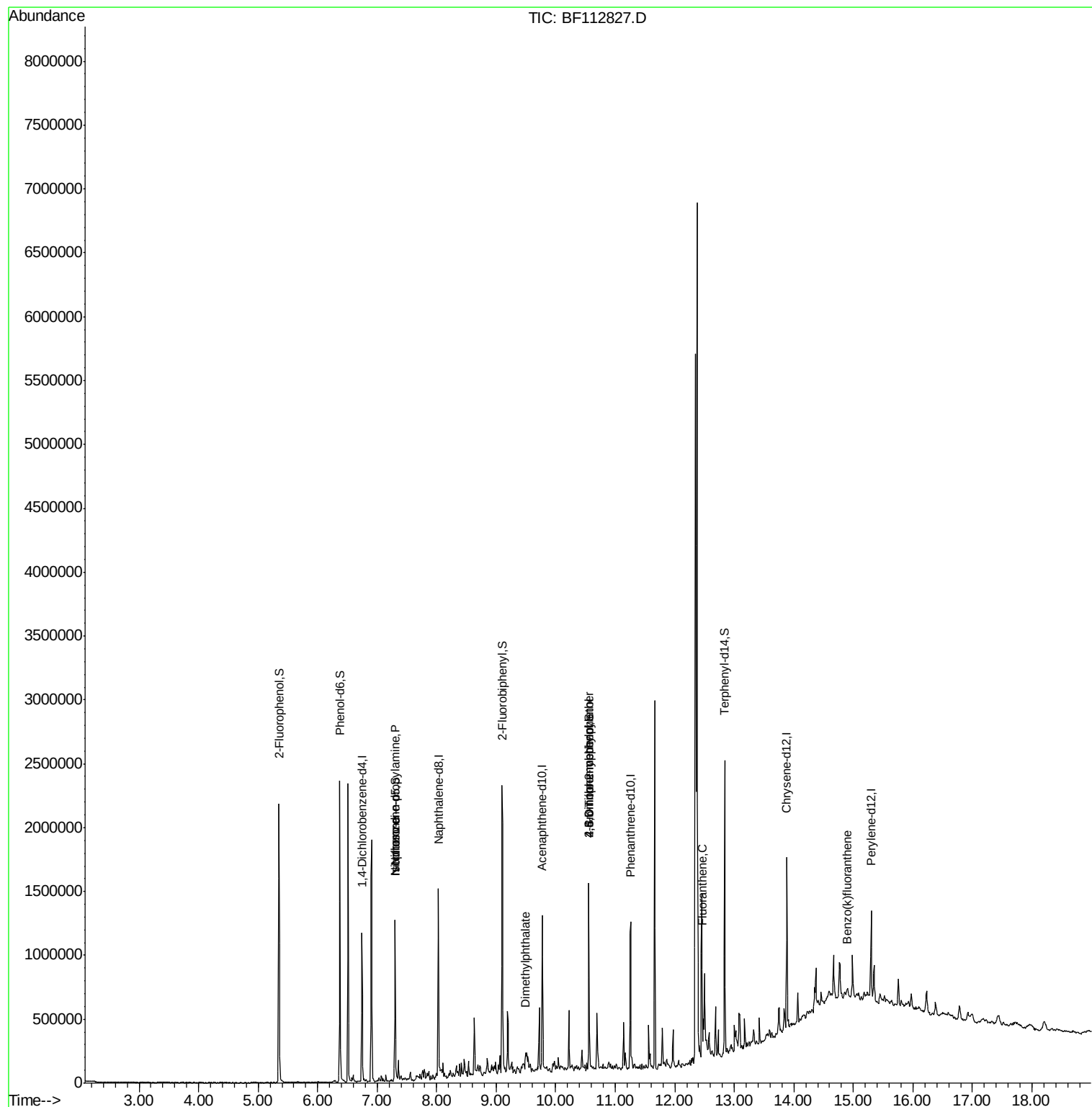
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	156751	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	550001	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	233186	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	462654	20.00	ng	0.01
76) Chrysene-d12	13.88	240	442070	20.00	ng	0.00
87) Perylene-d12	15.30	264	321349	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	620200	61.55	ng	0.00
7) Phenol-d6	6.37	99	777569	61.43	ng	0.00
23) Nitrobenzene-d5	7.30	82	435716	47.40	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	190971	77.14	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	749012	47.29	ng	0.00
79) Terphenyl-d14	12.84	244	811061	35.57	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	59478	7.419	ng	# 78
25) Isophorone	7.30	82	425440	21.485	ng	# 66
50) Dimethylphthalate	9.49	163	46877	2.726	ng	# 99
65) 4,6-Dinitro-2-methylphenol	10.56	198	287	4.749	ng	# 1
67) 4-Bromophenyl-phenylether	10.56	248	11500	2.360	ng	# 1
75) Fluoranthene	12.46	202	59181	2.400	ng	98
89) Benzo(k)fluoranthene	14.89	252	38308	2.035	ng	# 64

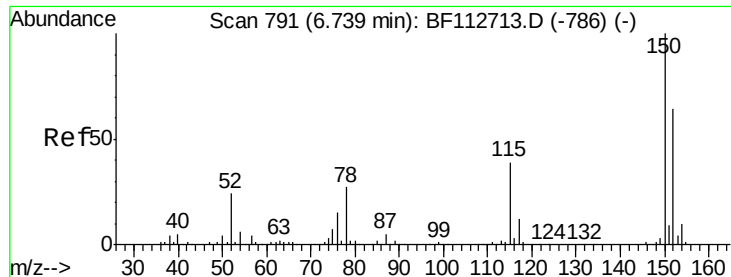
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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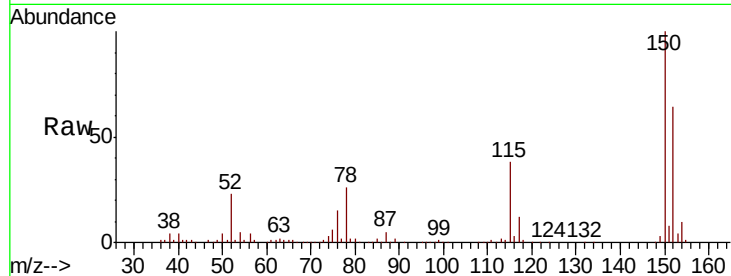


#1

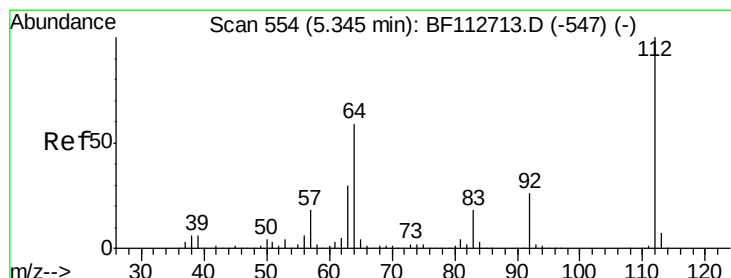
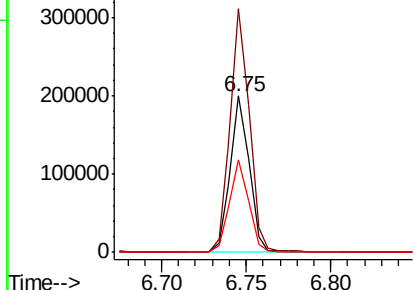
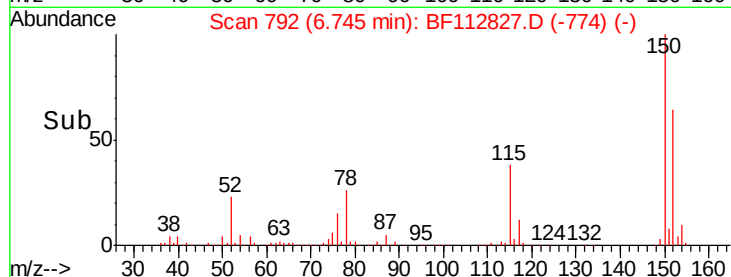
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112827.D
Acq: 4 Mar 2019 16:34

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-J

Tgt Ion:152 Resp: 156751
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.2
115 59.6 48.2 72.4



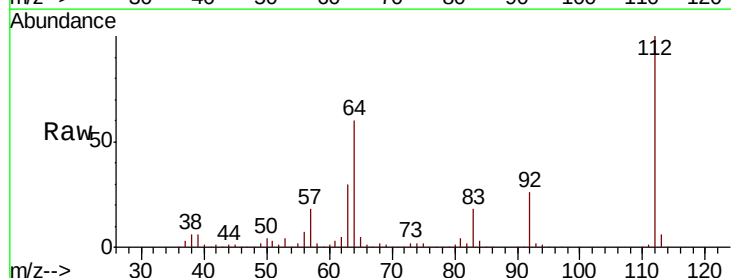
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



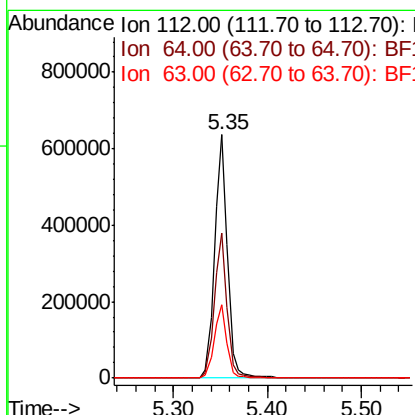
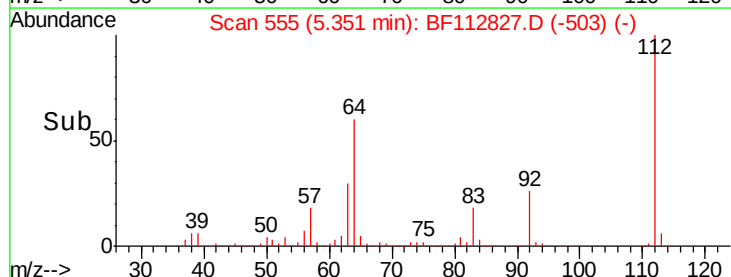
#5

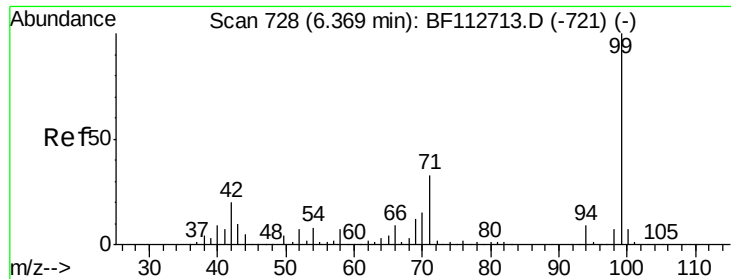
2-Fluorophenol
Concen: 61.547 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112827.D
Acq: 4 Mar 2019 16:34

Tgt Ion:112 Resp: 620200
Ion Ratio Lower Upper
112 100
64 59.8 47.6 71.4
63 30.0 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: 61.428 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112827.D

Acq: 4 Mar 2019 16:34

Instrument :

BNA_F

ClientSampleId :

JC-03-030119-J

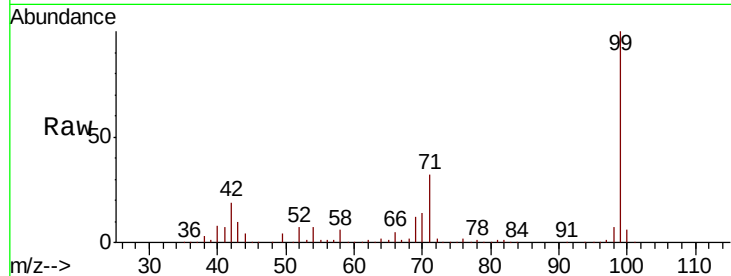
Tgt Ion: 99 Resp: 777569

Ion Ratio Lower Upper

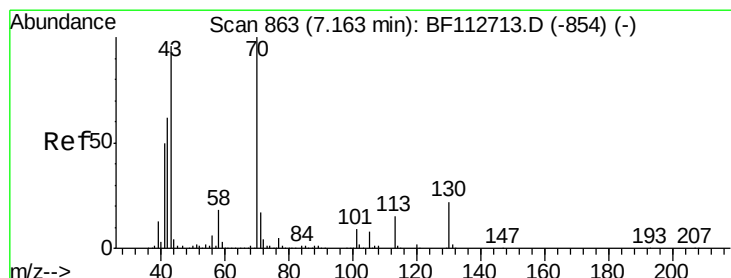
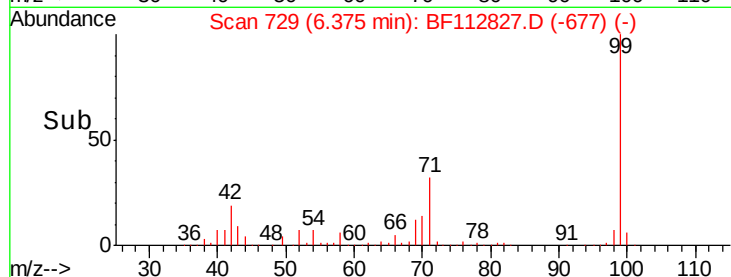
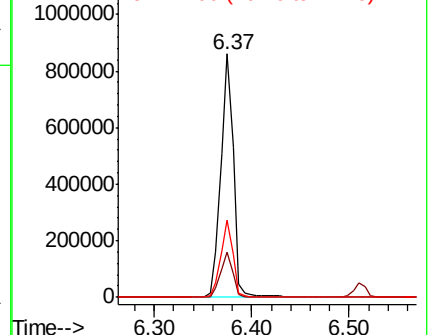
99 100

42 18.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 7.419 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112827.D

Acq: 4 Mar 2019 16:34

Tgt Ion: 70 Resp: 59478

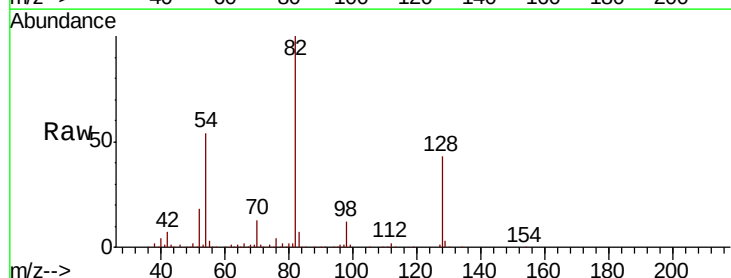
Ion Ratio Lower Upper

70 100

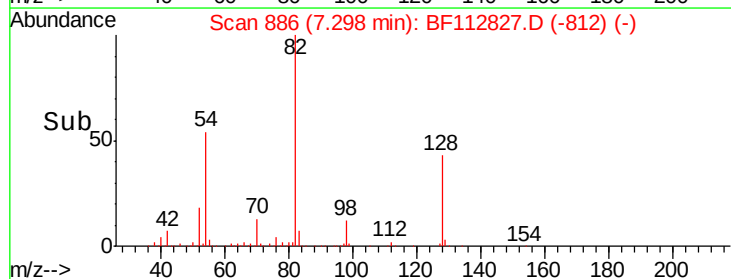
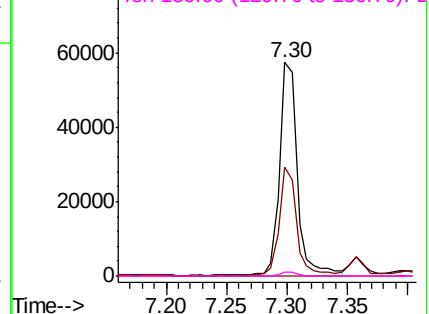
42 50.8 49.9 74.9

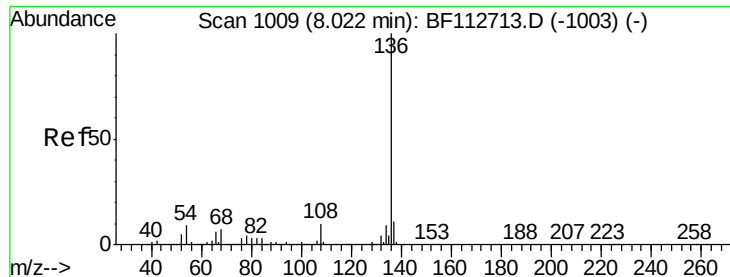
101 0.0 7.4 11.2#

130 2.0 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

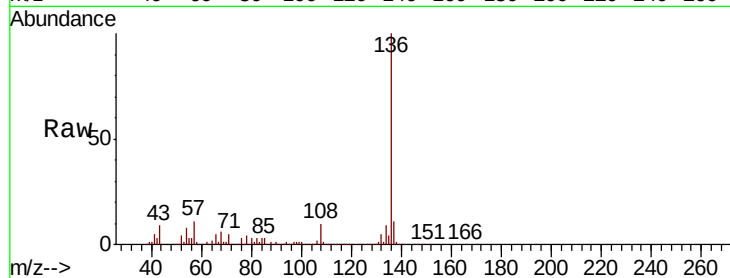




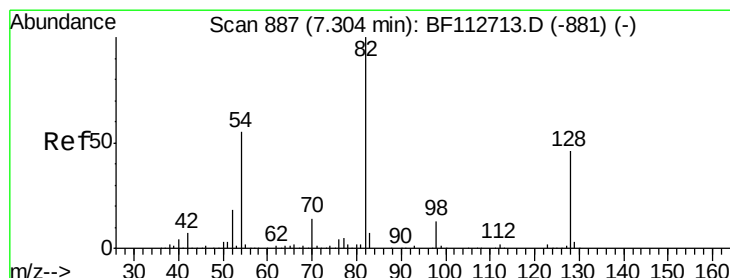
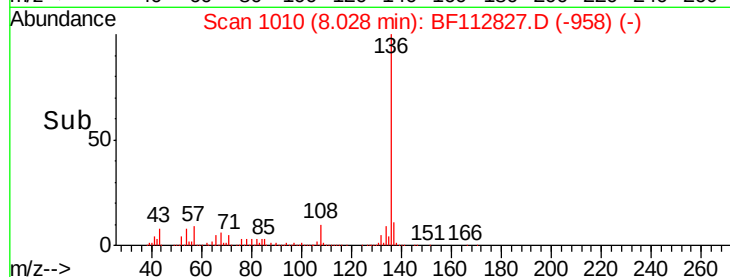
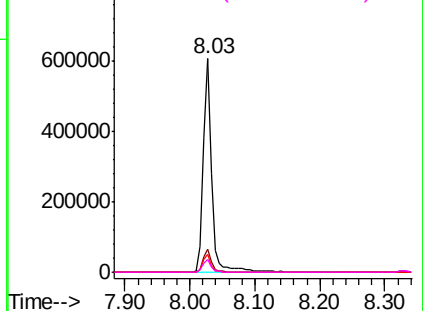
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112827.D
Acq: 4 Mar 2019 16:34

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-J

Tgt Ion:	136	Resp:	550001
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.1	7.3	10.9
68	5.8	5.4	8.2

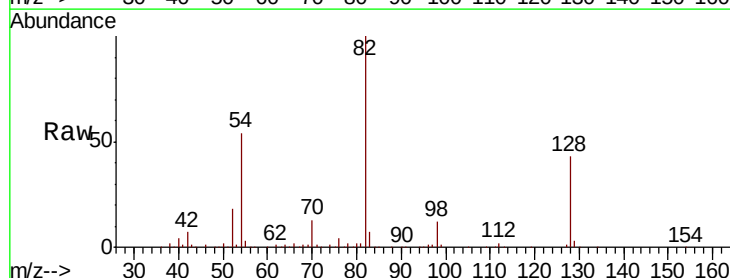


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

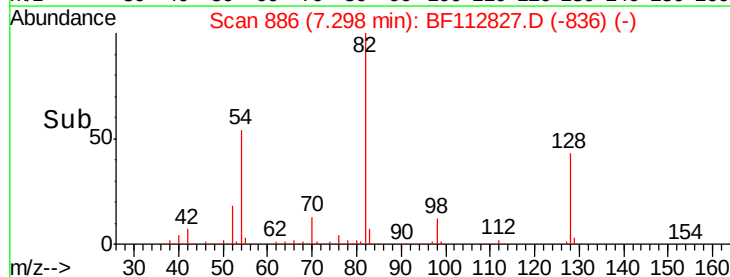
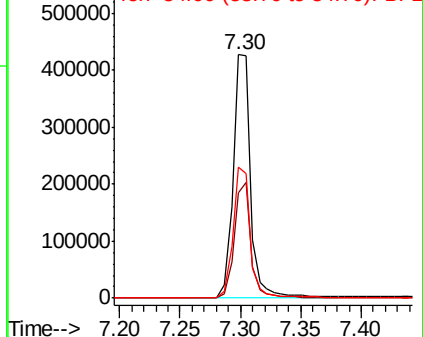


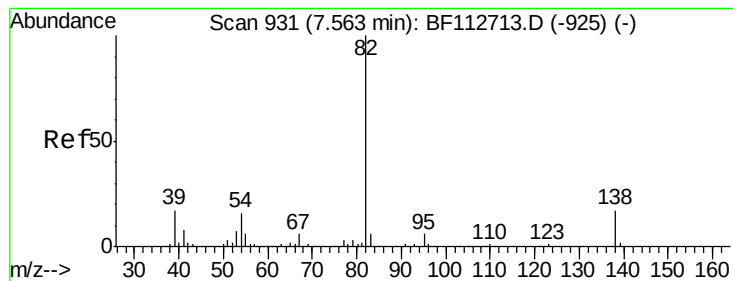
#23
Nitrobenzene-d5
Concen: 47.404 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112827.D
Acq: 4 Mar 2019 16:34

Tgt Ion:	82	Resp:	435716
Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.3	54.5
54	53.8	43.7	65.5



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: 21.485 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112827.D

Acq: 4 Mar 2019 16:34

Instrument :

BNA_F

ClientSampleId :

JC-03-030119-J

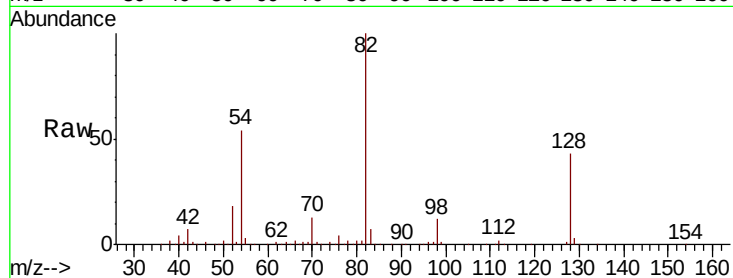
Tgt Ion: 82 Resp: 425440

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

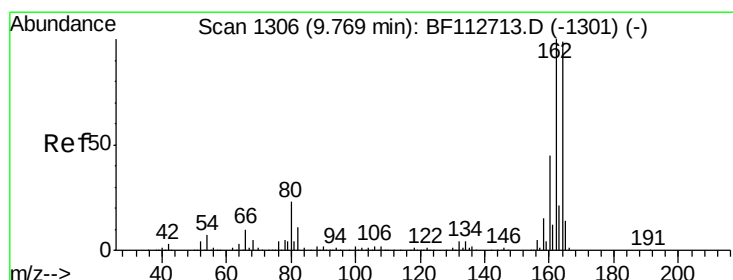
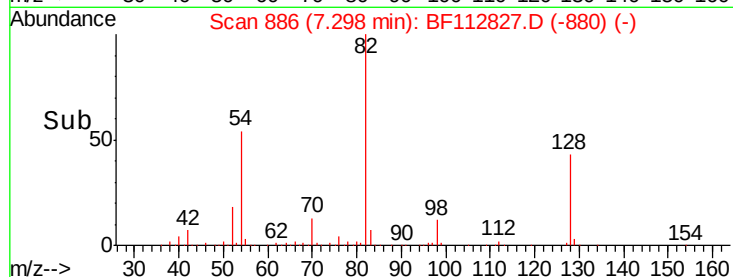
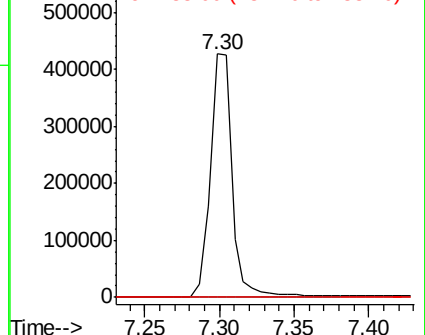
138 0.0 13.8 20.8#



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: 9.77 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF112827.D

Acq: 4 Mar 2019 16:34

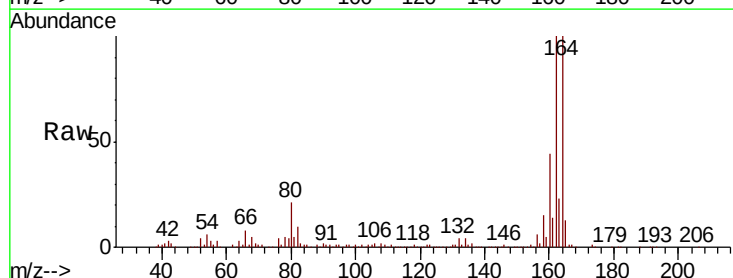
Tgt Ion: 164 Resp: 233186

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

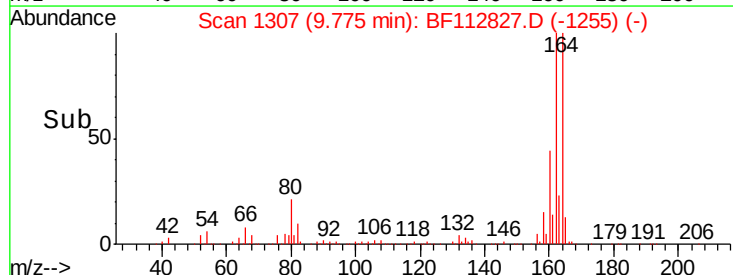
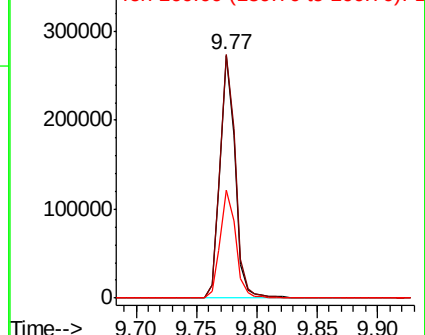
160 44.3 36.0 54.0

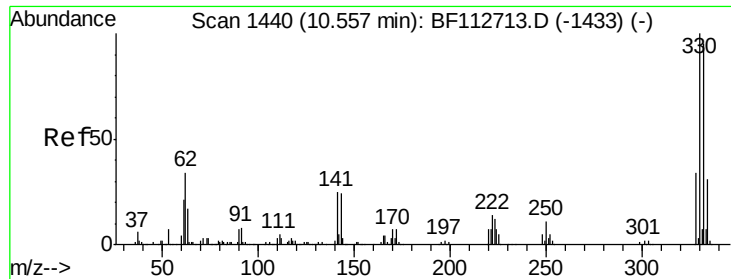


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

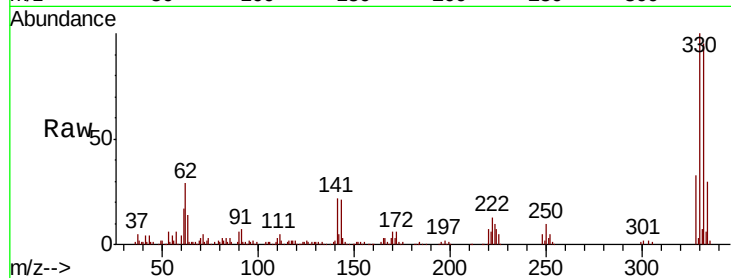




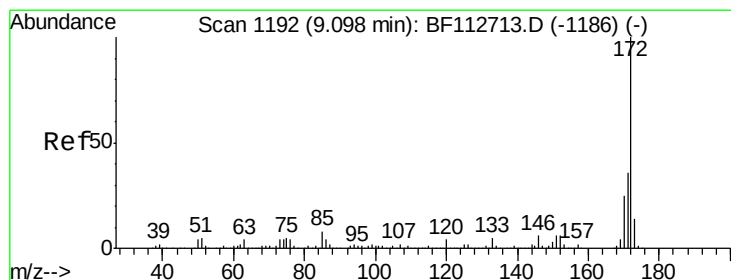
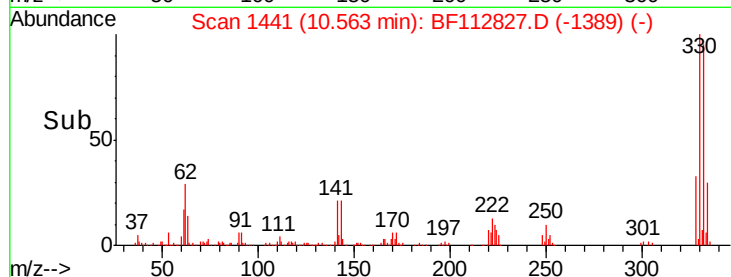
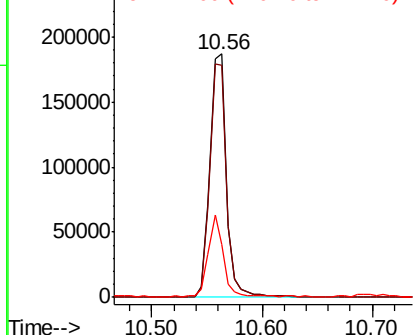
#42
 2,4,6-Tribromophenol
 Concen: 77.143 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112827.D
 Acq: 4 Mar 2019 16:34

Instrument :
 BNA_F
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 JC-03-030119-J

Tgt Ion:330 Resp: 190971
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.2 114.4
 141 29.6 27.0 40.6

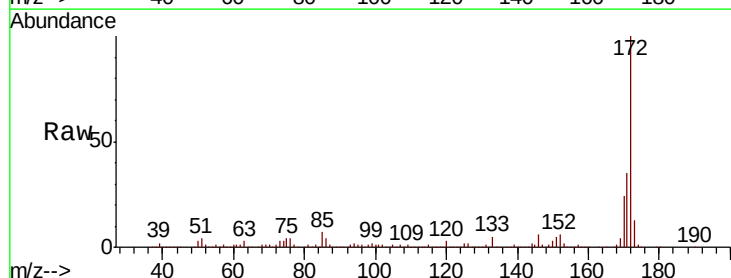


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

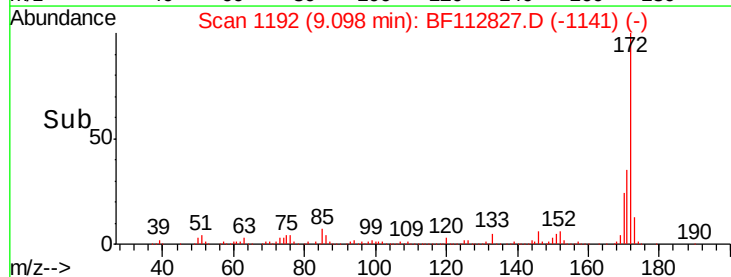
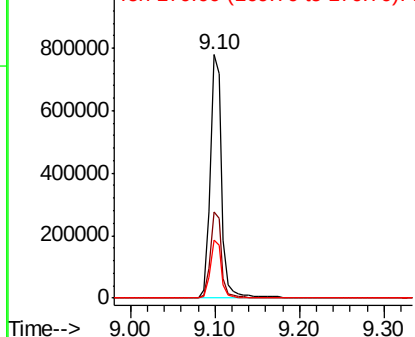


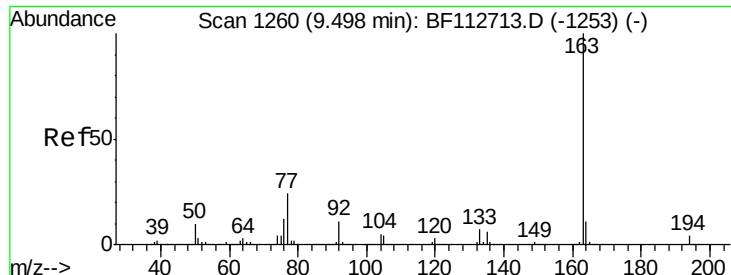
#45
 2-Fluorobiphenyl
 Concen: 47.286 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112827.D
 Acq: 4 Mar 2019 16:34

Tgt Ion:172 Resp: 749012
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.4
 170 23.7 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

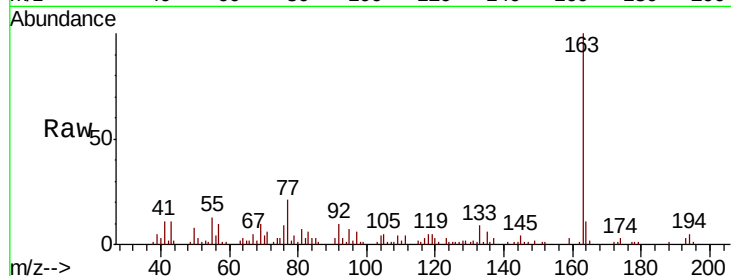




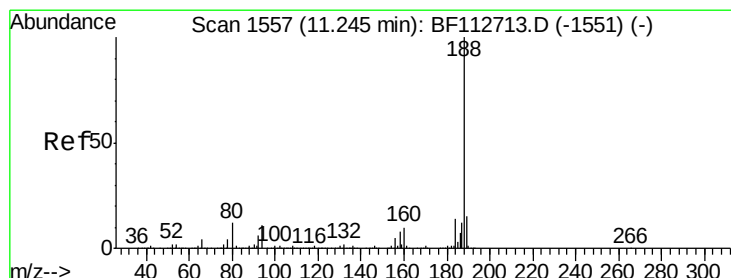
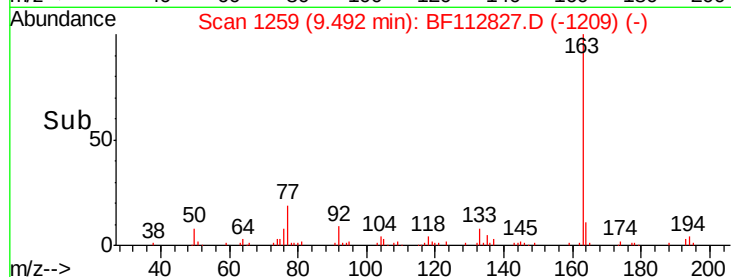
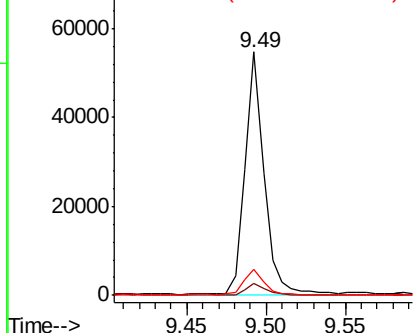
#50
Dimethylphthalate
Concen: 2.726 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112827.D
Acq: 4 Mar 2019 16:34

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-J

Tgt Ion:163 Resp: 46877
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.4#
164 10.6 8.4 12.6

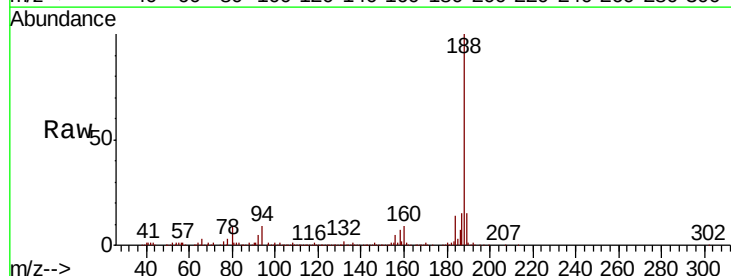


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

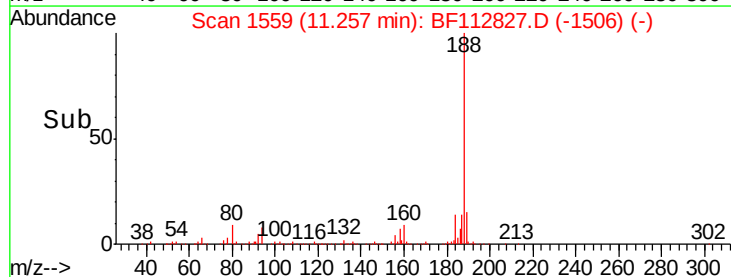
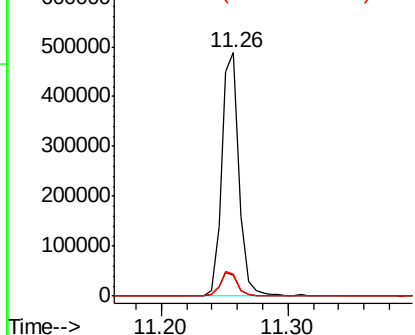


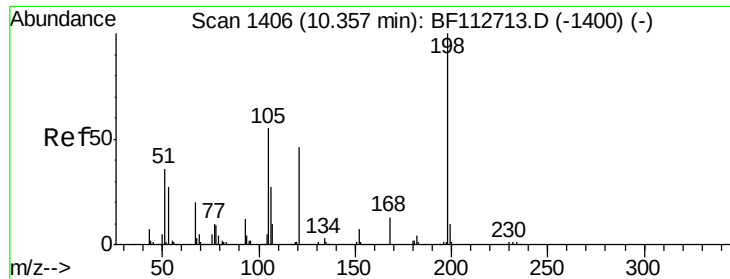
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112827.D
Acq: 4 Mar 2019 16:34

Tgt Ion:188 Resp: 462654
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.4#
80 9.1 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

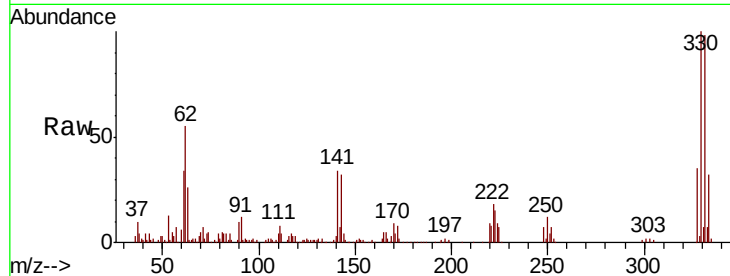




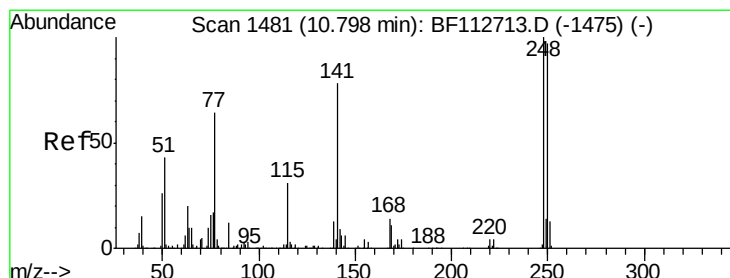
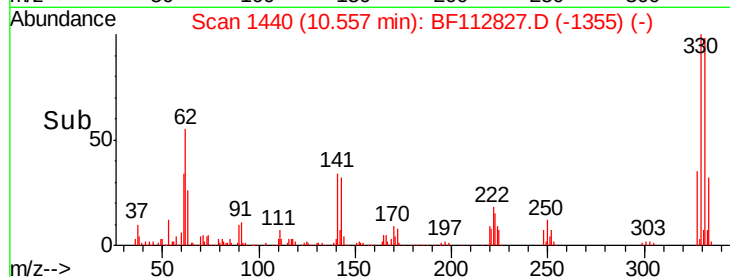
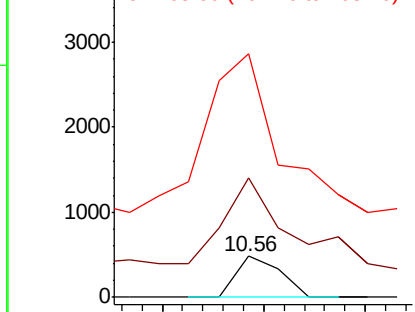
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.749 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.20 min
 Lab File: BF112827.D
 Acq: 4 Mar 2019 16:34

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-J

Tgt Ion:198 Resp: 287
 Ion Ratio Lower Upper
 198 100
 51 289.2 43.8 83.8#
 105 592.5 36.5 76.5#

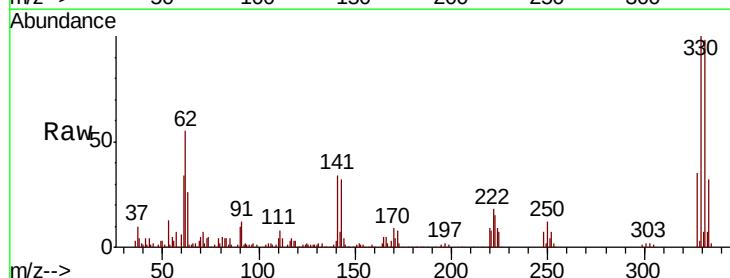


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

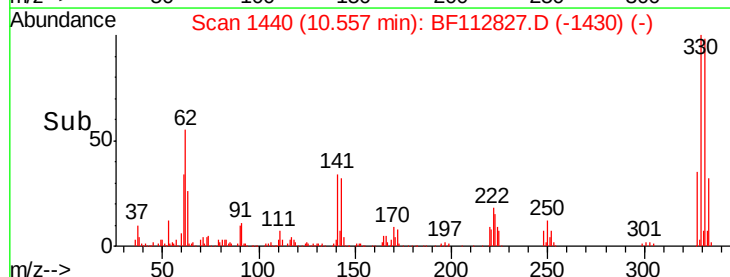
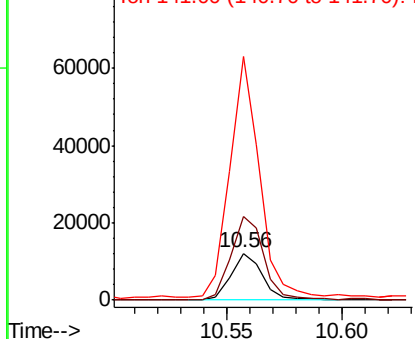


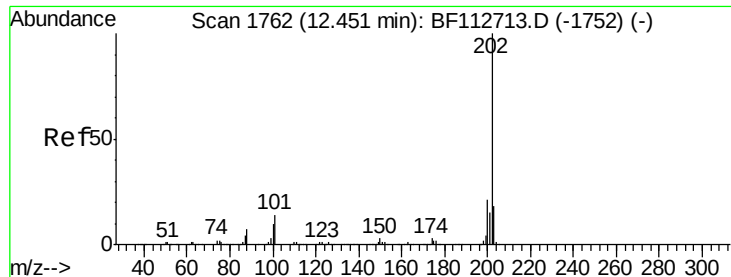
#67
 4-Bromophenyl-phenylether
 Concen: 2.360 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF112827.D
 Acq: 4 Mar 2019 16:34

Tgt Ion:248 Resp: 11500
 Ion Ratio Lower Upper
 248 100
 250 177.7 77.5 116.3#
 141 517.8 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: 2.400 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF112827.D

Acq: 4 Mar 2019 16:34

Instrument :

BNA_F

ClientSampleId :

JC-03-030119-J

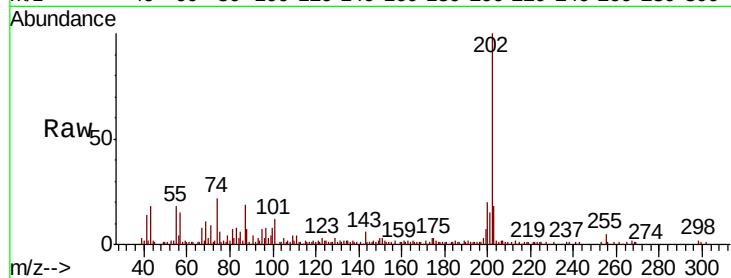
Tgt Ion:202 Resp: 59181

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.8

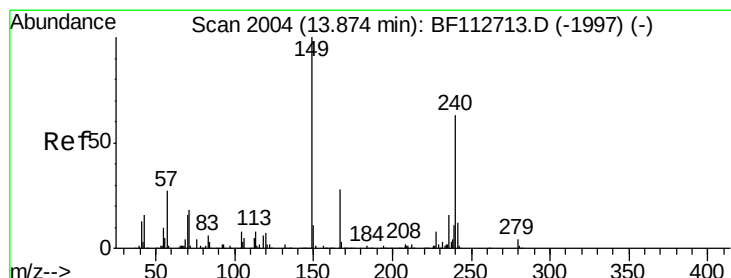
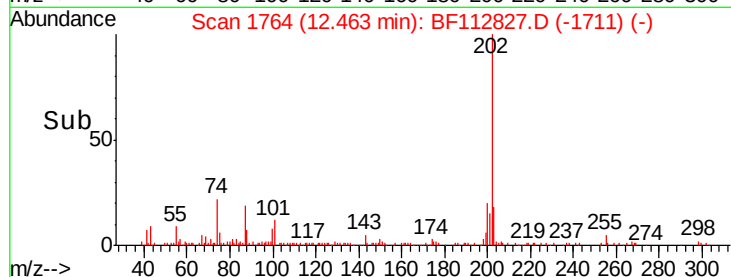
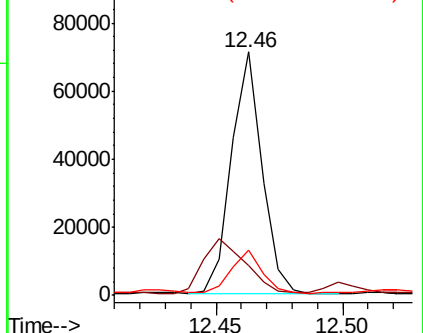
203 18.4 0.0 38.4



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: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF112827.D

Acq: 4 Mar 2019 16:34

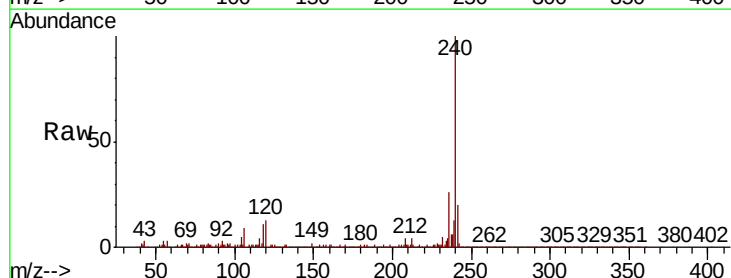
Tgt Ion:240 Resp: 442070

Ion Ratio Lower Upper

240 100

120 12.6 8.9 13.3

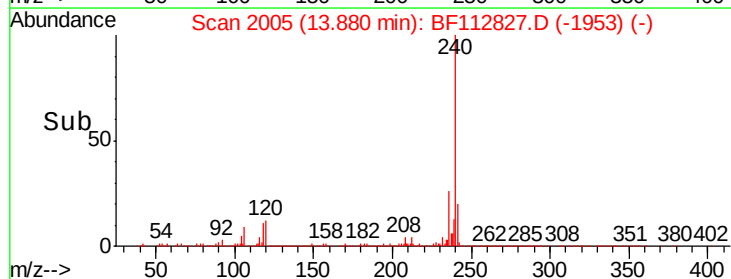
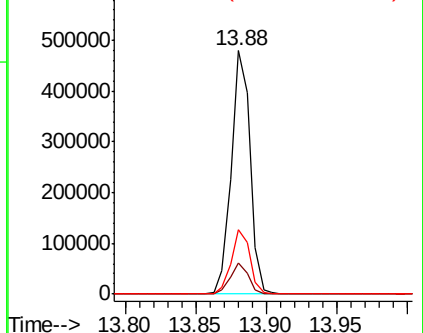
236 26.5 20.7 31.1

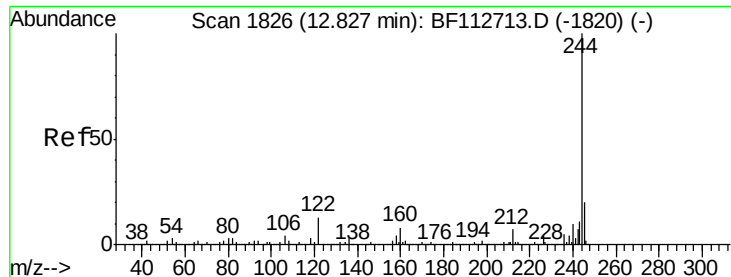


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 35.565 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF112827.D

Acq: 4 Mar 2019 16:34

Instrument :

BNA_F

ClientSampleId :

JC-03-030119-J

Tgt Ion:244 Resp: 811061

Ion Ratio Lower Upper

244 100

212 6.5

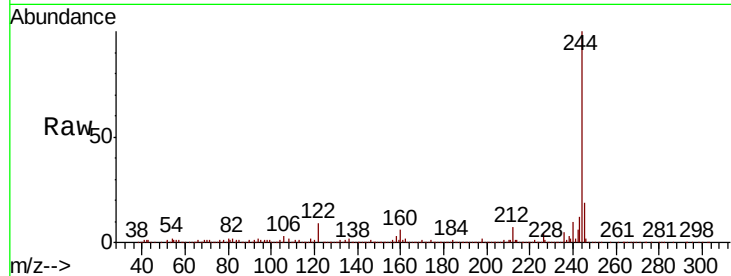
122 9.4

5.6

10.5

8.4

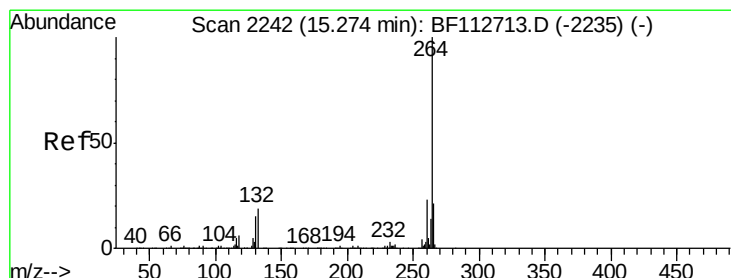
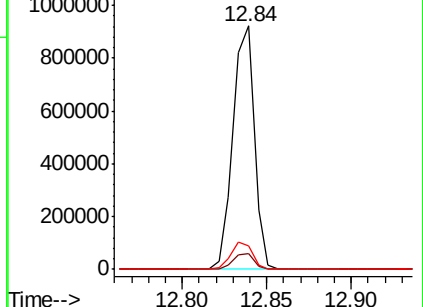
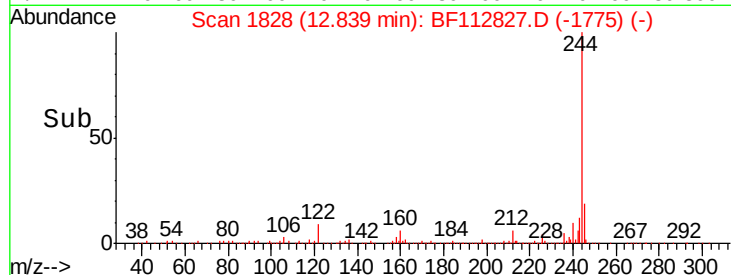
15.7#



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: 15.30 min Scan# 2246

Delta R.T. 0.02 min

Lab File: BF112827.D

Acq: 4 Mar 2019 16:34

Tgt Ion:264 Resp: 321349

Ion Ratio Lower Upper

264 100

260 23.8

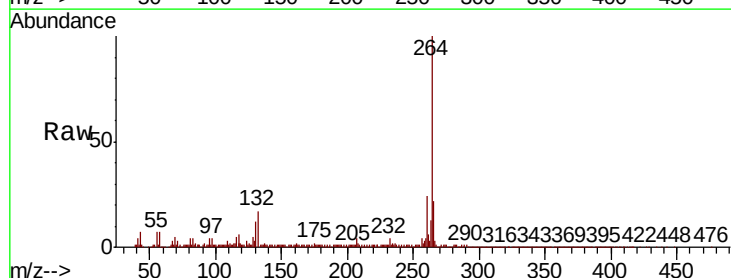
265 22.0

18.7

17.2

28.1

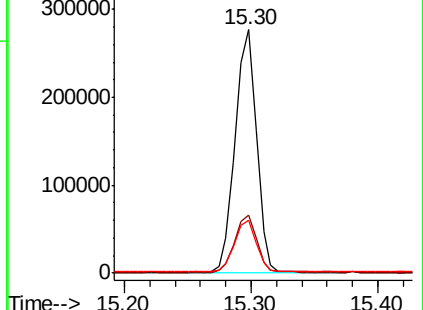
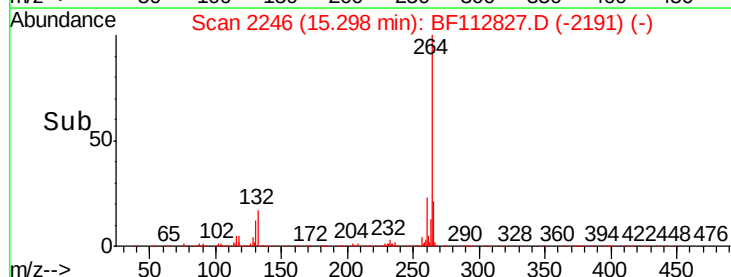
25.8

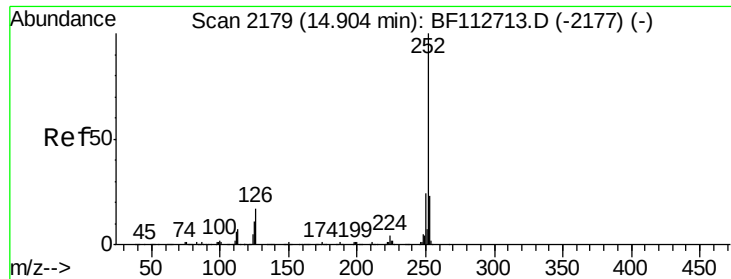


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(k)fluoranthene

Concen: 2.035 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BF112827.D

Acq: 4 Mar 2019 16:34

Instrument :

BNA_F

ClientSampleId :

JC-03-030119-J

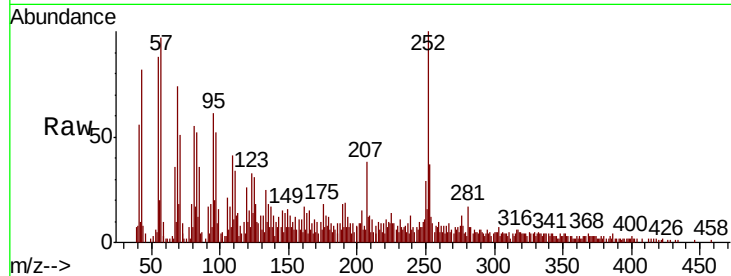
Tgt Ion: 252 Resp: 38308

Ion Ratio Lower Upper

252 100

253 37.0 18.2 27.2#

125 30.9 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

