

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 01:29:21 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

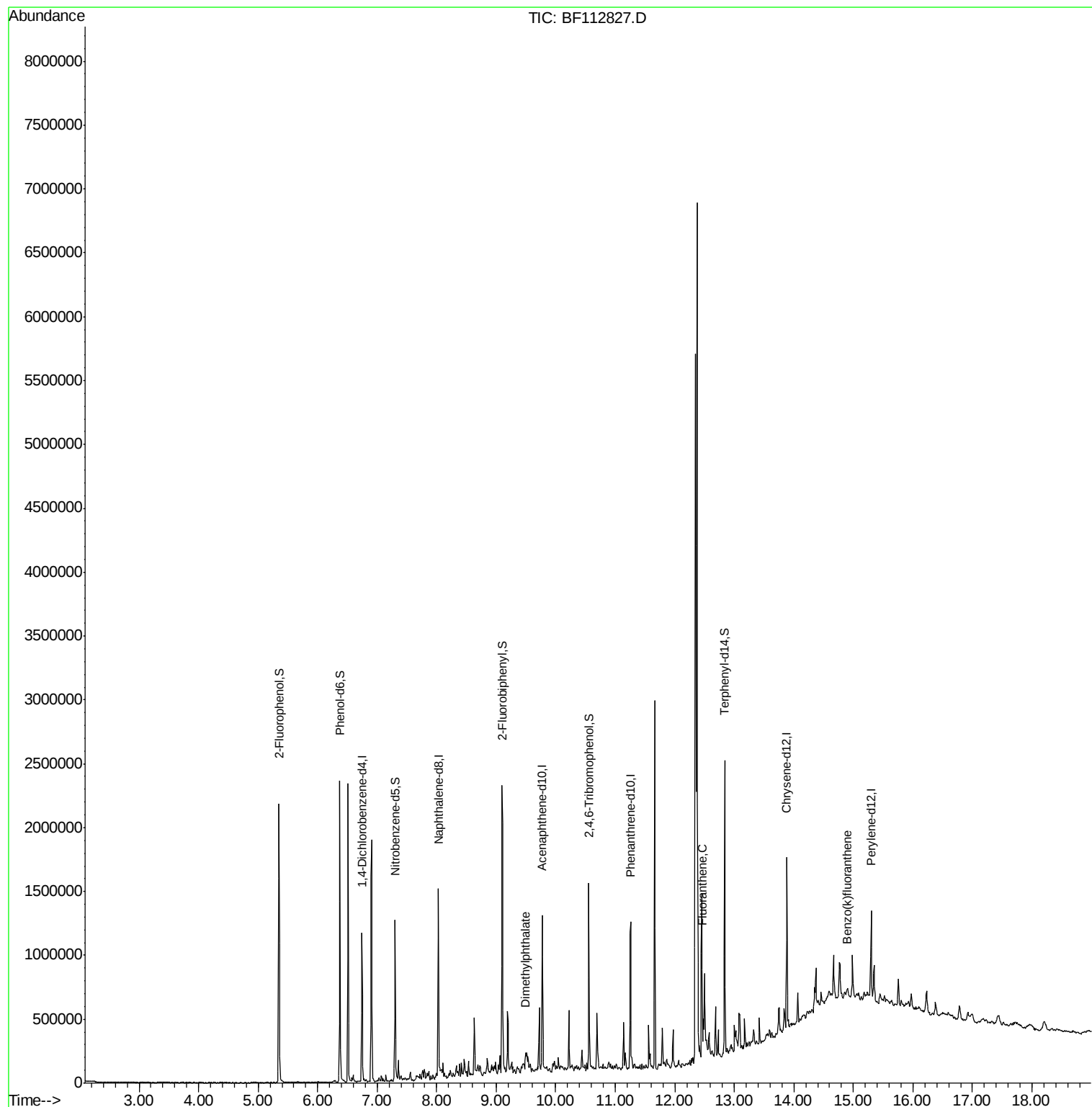
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	156751	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	550001	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	233186	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	462654	20.00	ng	0.01
76) Chrysene-d12	13.88	240	442070	20.00	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						
50) Dimethylphthalate	9.49	163	46877	2.726	ng	Qvalue # 99
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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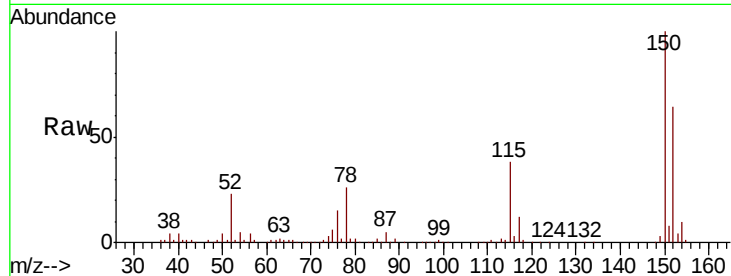


#1

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.2	186.2
115	59.6	48.2	72.4

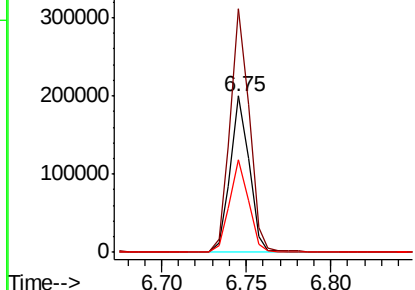
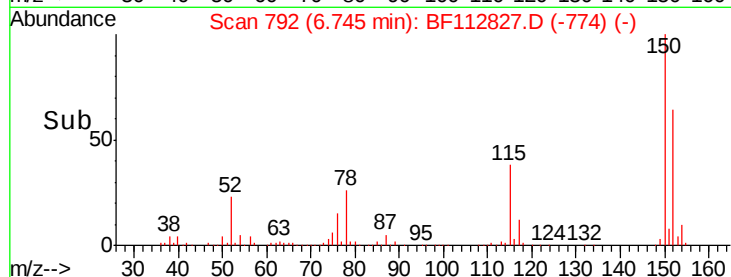


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

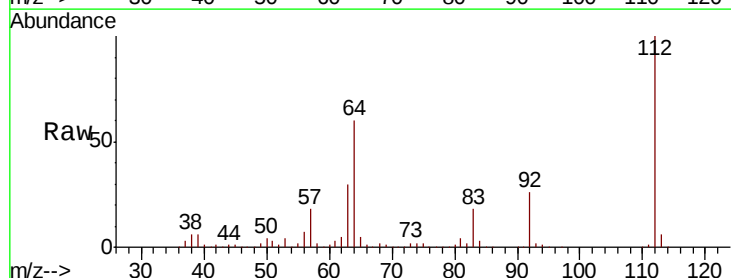
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
112	100		
64	59.8	47.6	71.4
63	30.0	24.4	36.6

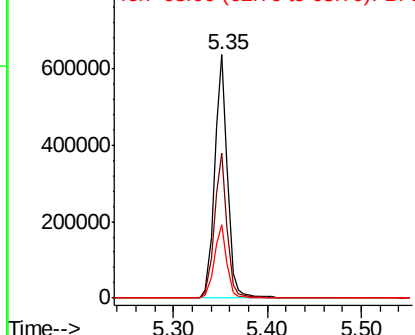
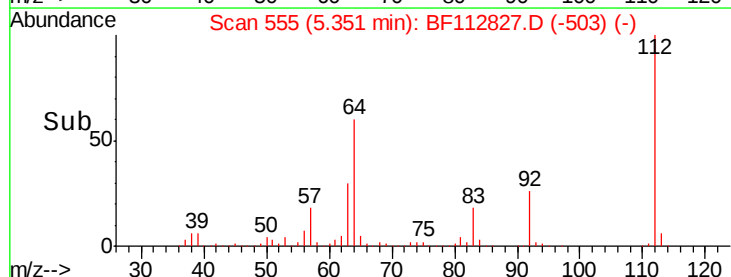


Abundance

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

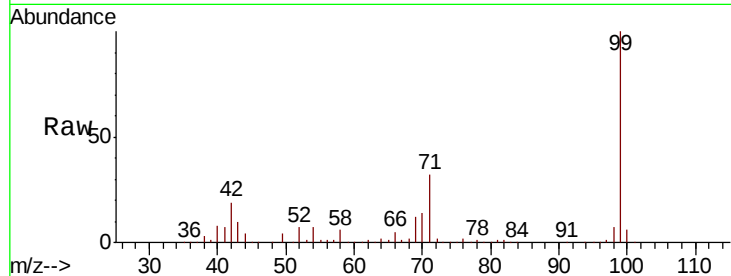
Tot Ion: 99 Resp: 777569

Ion Ratio Lower Upper

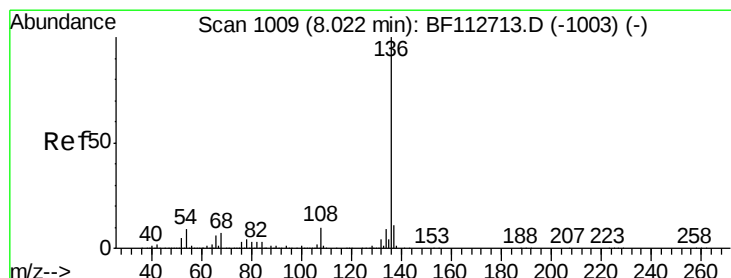
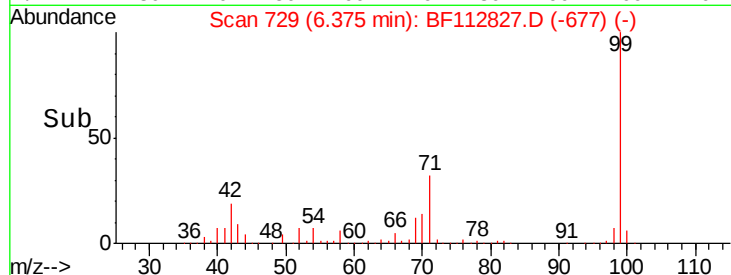
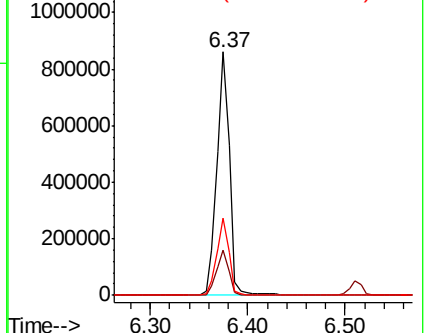
99 100

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



#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

Tgt Ion: 136 Resp: 550001

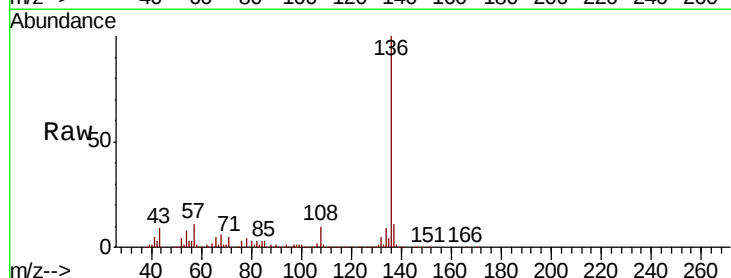
Ion Ratio Lower Upper

136 100

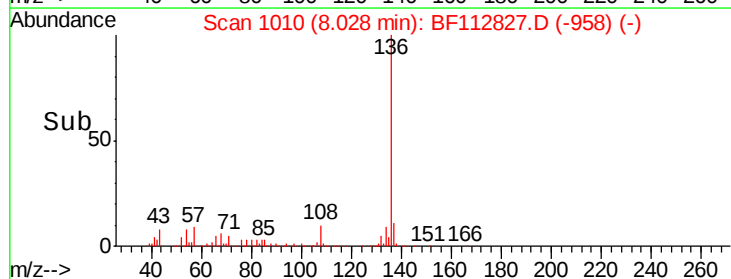
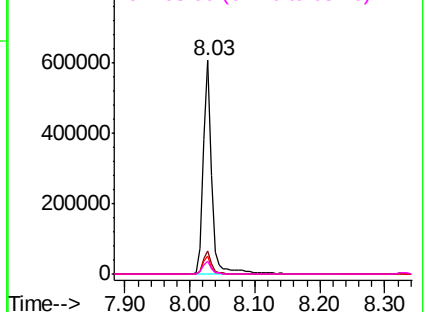
137 10.7 8.9 13.3

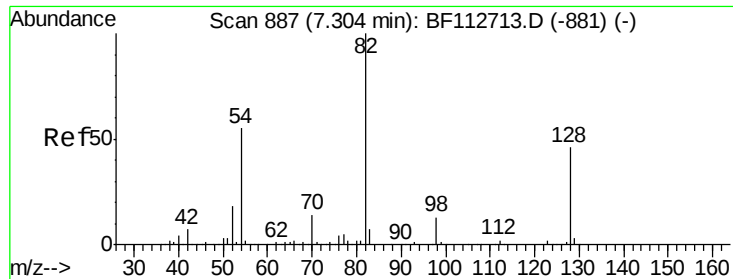
54 8.1 7.3 10.9

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

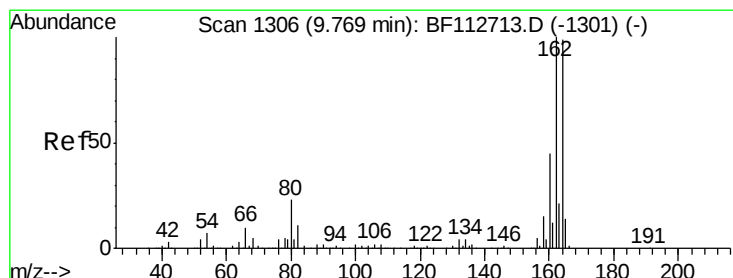
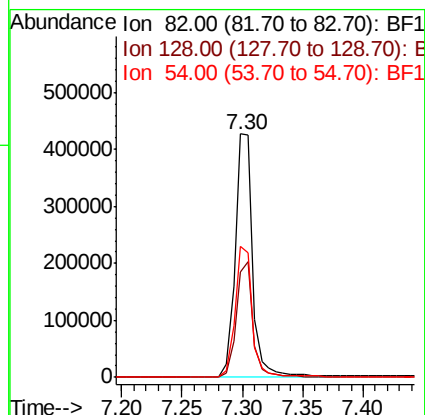
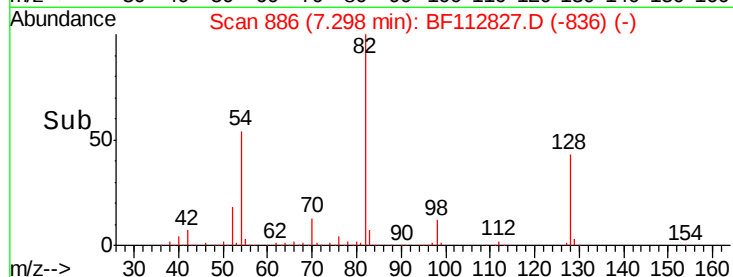
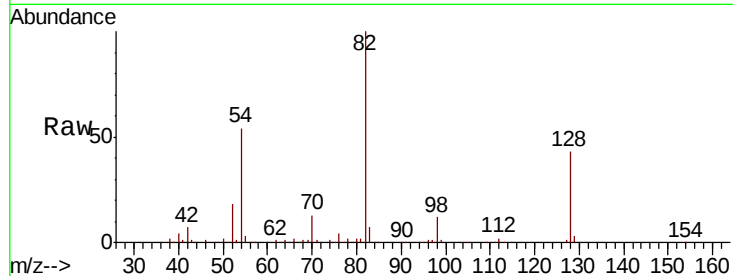




#23
Nitrobenzene-d5
Concen: 47.404 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112827.D
Acq: 4 Mar 2019 16:34

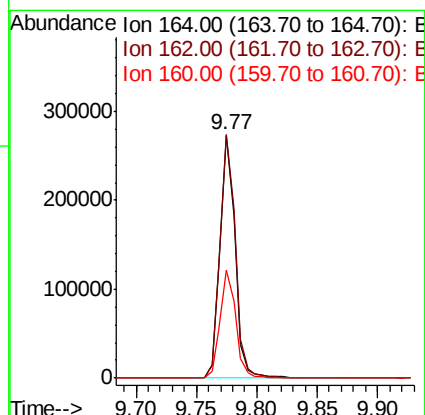
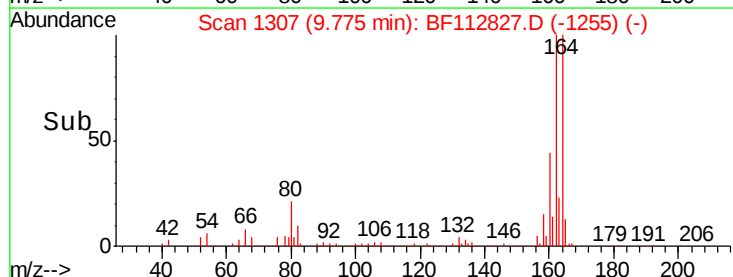
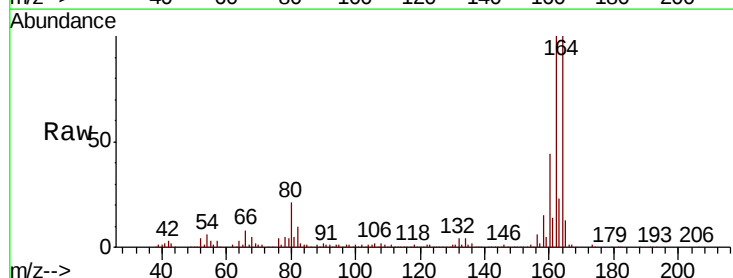
Instrument :
BNA_F
ClientSampleId :
JC-03-030119-J

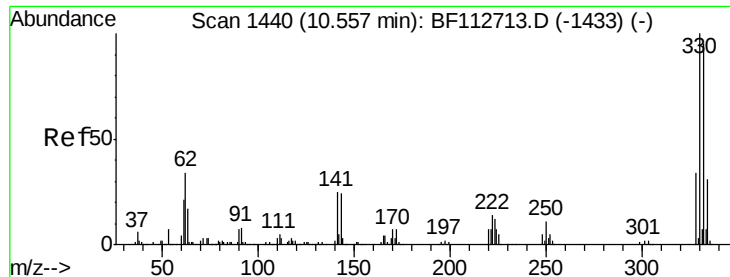
Tot Ion: 82 Resp: 435716
Ion Ratio Lower Upper
82 100
128 43.4 36.3 54.5
54 53.8 43.7 65.5



#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

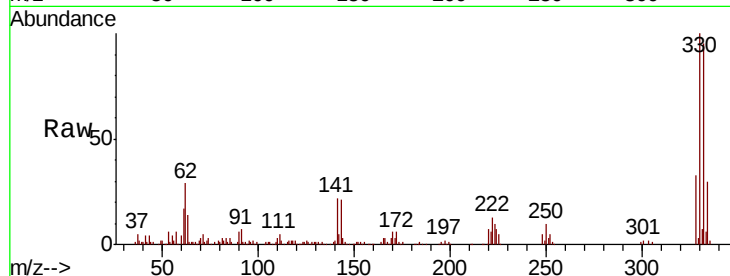




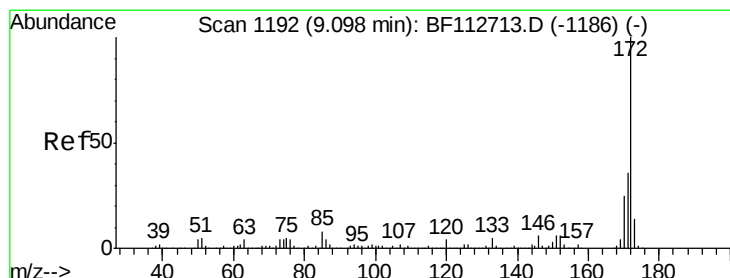
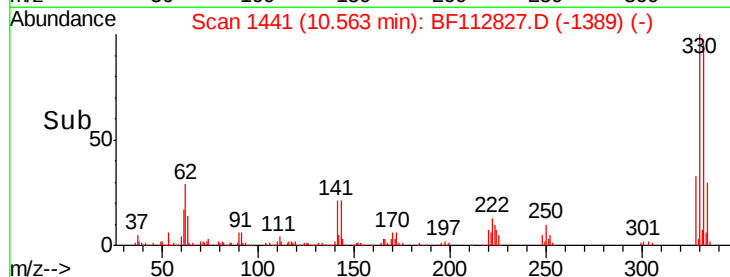
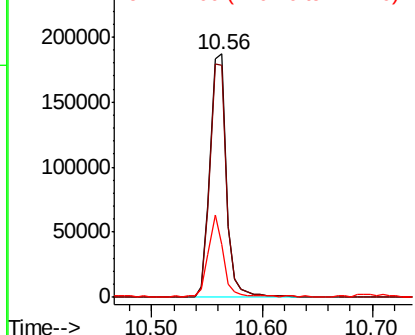
#42
 2,4,6-Tribromophenol
 Concen: 77.143 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112827.D
 Acq: 4 Mar 2019 16:34

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

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

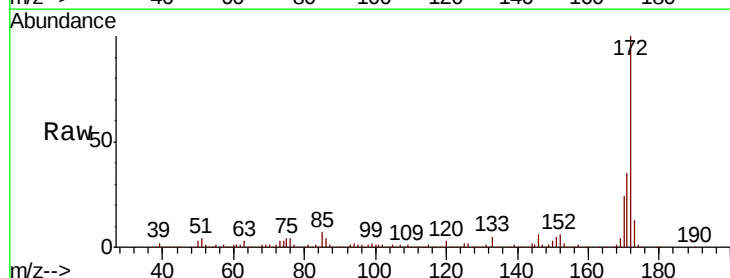


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

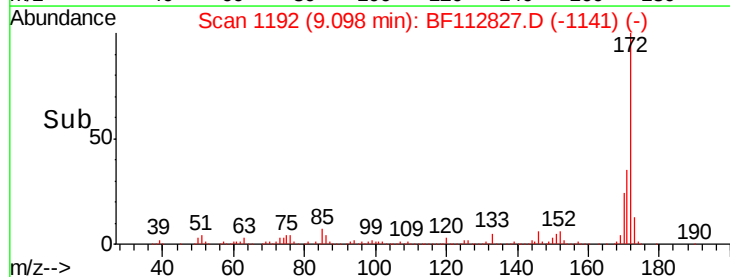
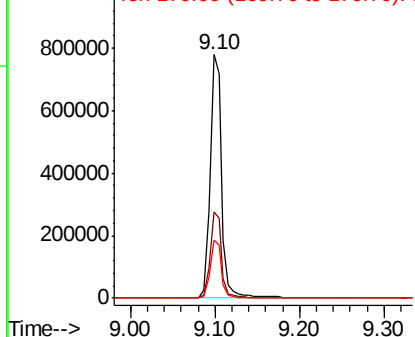


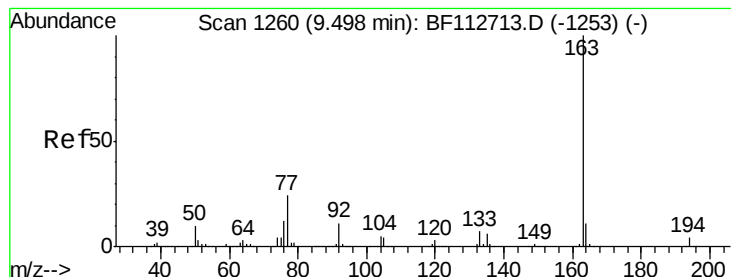
#45
 2-Fluorobiphenyl
 Concen: 47.286 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112827.D
 Acq: 4 Mar 2019 16:34

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

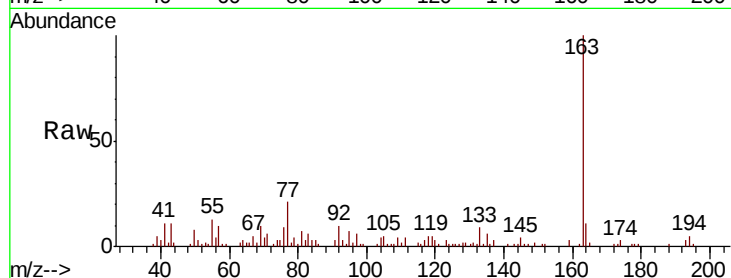
Tot Ion:163 Resp: 46877

Ion Ratio Lower Upper

163 100

194 4.8 3.0 4.4#

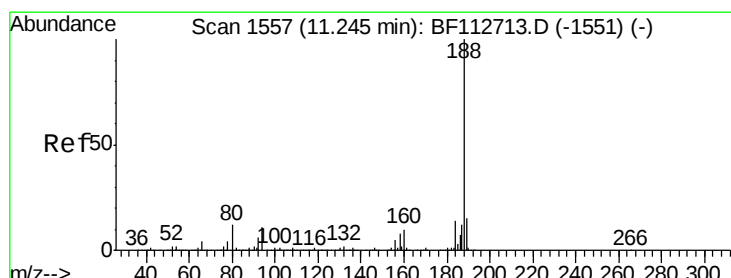
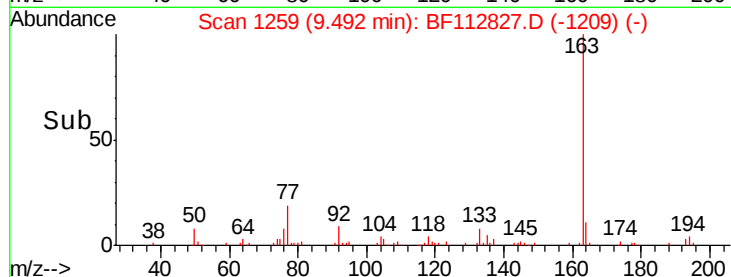
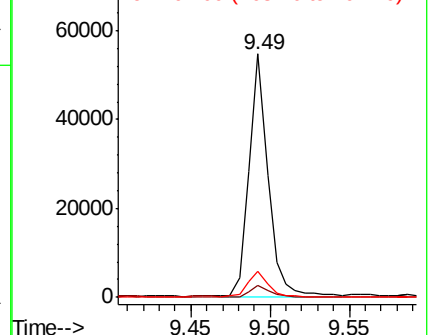
164 10.6 8.4 12.6



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

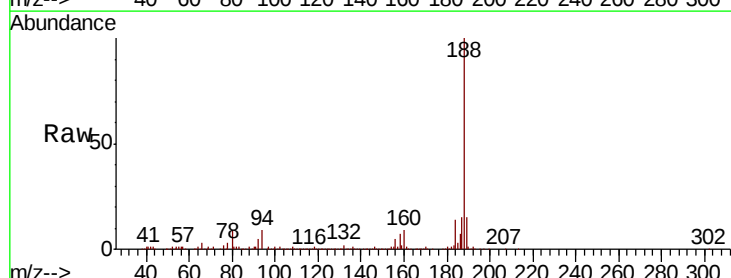
Tgt Ion:188 Resp: 462654

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

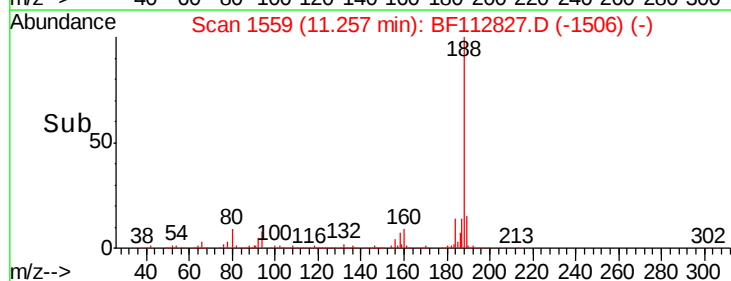
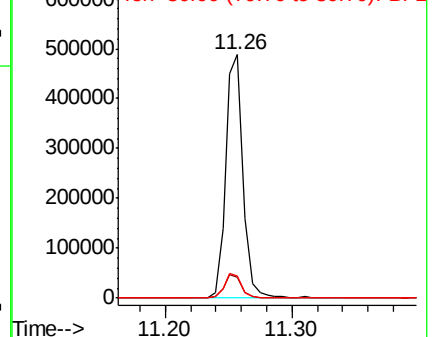
80 9.1 9.2 13.8#

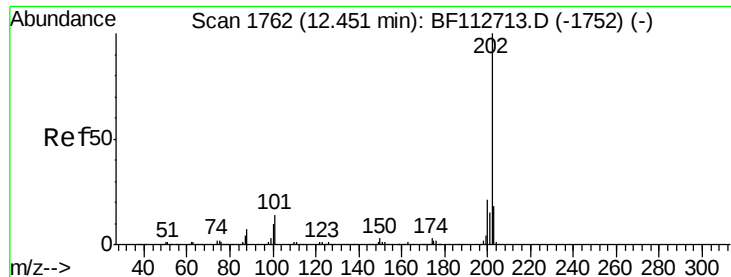


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#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 :

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ClientSampleId :

JC-03-030119-J

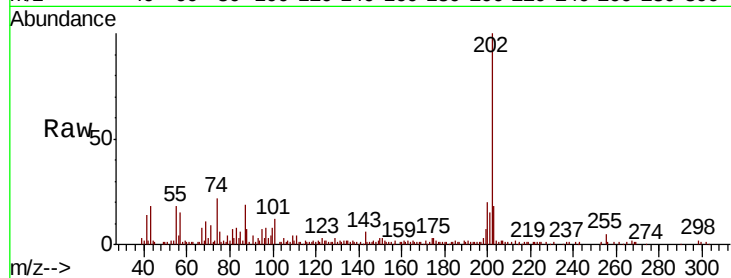
Tot Ion:202 Resp: 59181

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.8

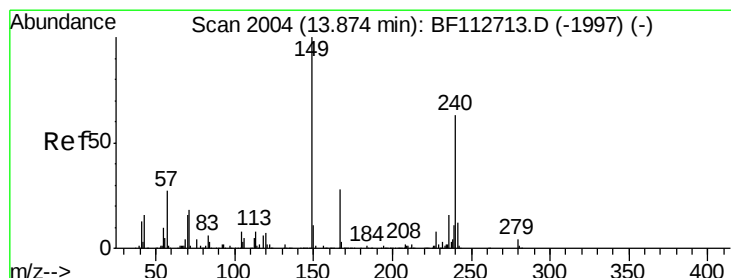
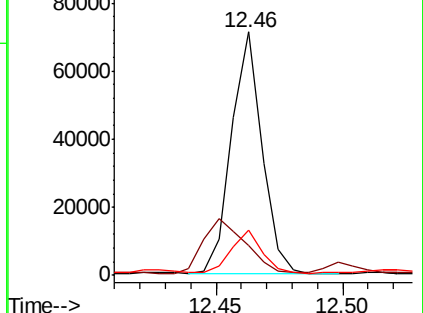
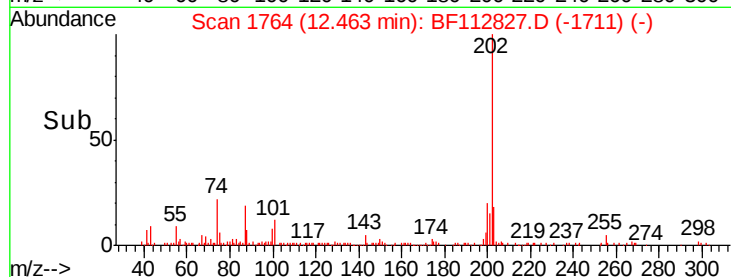
203 18.4 0.0 38.4



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

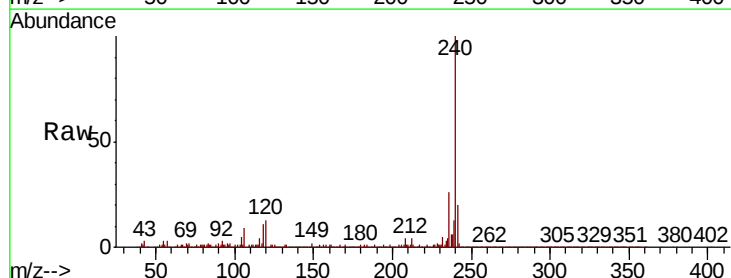
Tgt Ion:240 Resp: 442070

Ion Ratio Lower Upper

240 100

120 12.6 8.9 13.3

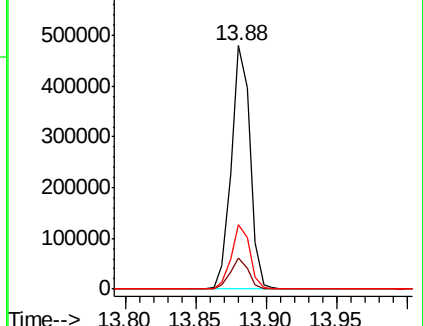
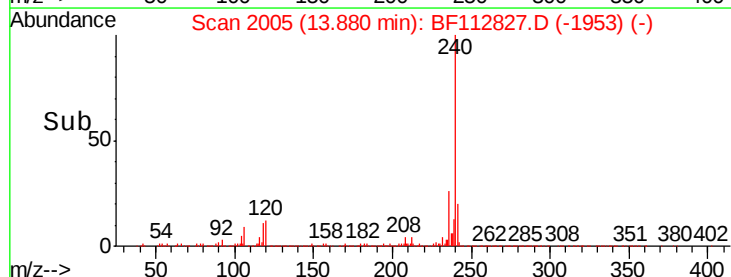
236 26.5 20.7 31.1

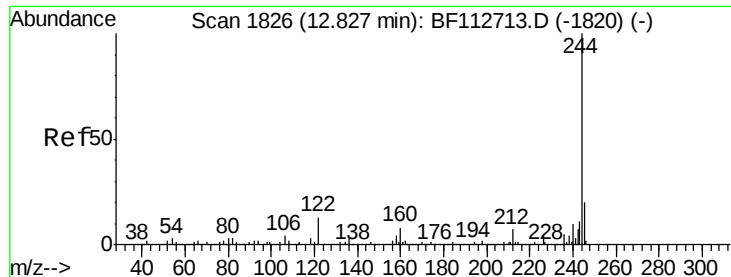


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

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JC-03-030119-J

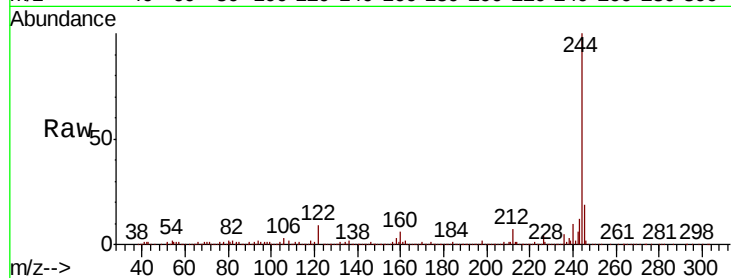
Tot Ion:244 Resp: 811061

Ion Ratio Lower Upper

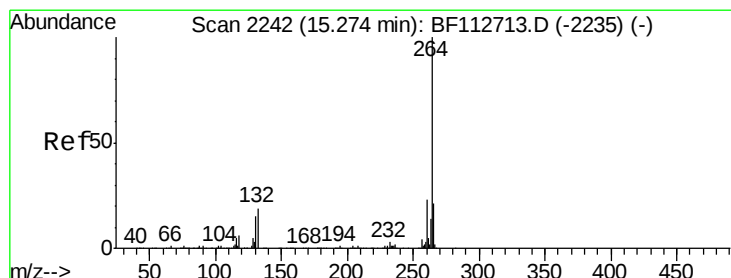
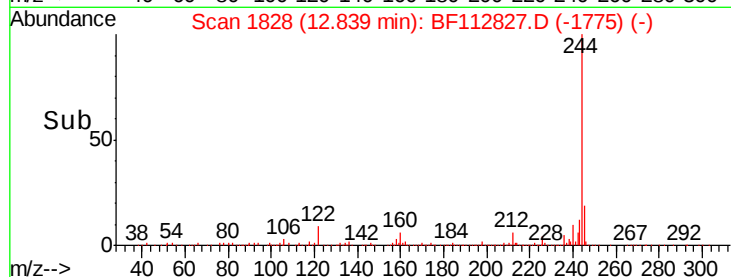
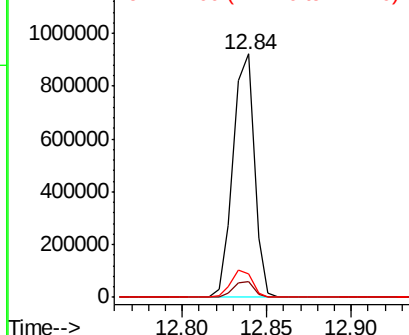
244 100

212 6.5 5.6 8.4

122 9.4 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: 15.30 min Scan# 2246

Delta R.T. 0.02 min

Lab File: BF112827.D

Acq: 4 Mar 2019 16:34

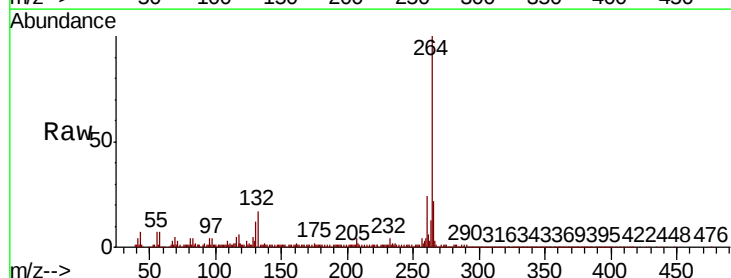
Tgt Ion:264 Resp: 321349

Ion Ratio Lower Upper

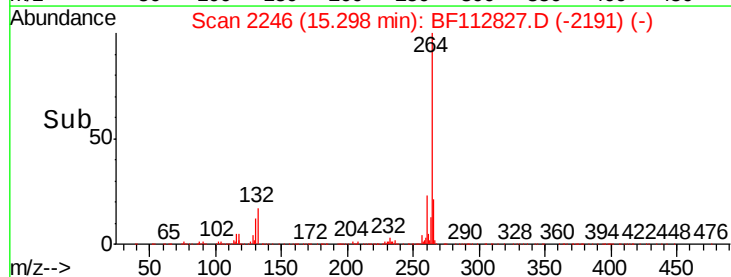
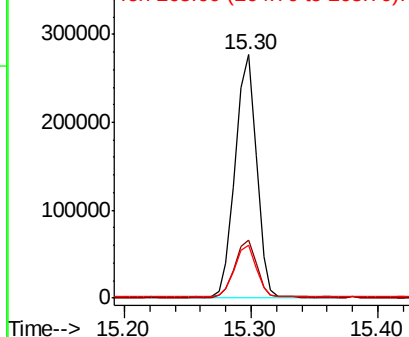
264 100

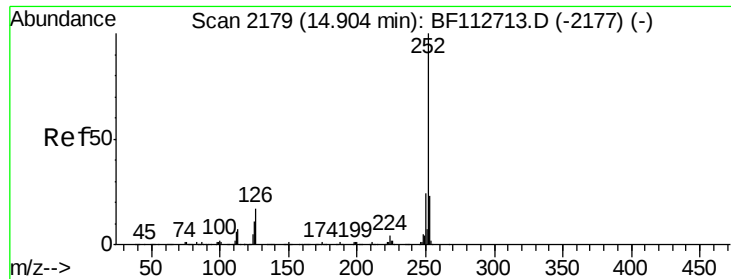
260 23.8 18.7 28.1

265 22.0 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





#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

Tot Ion: 252 Resp: 38308

Ion Ratio Lower Upper

252 100

253 37.0 18.2 27.2#

125 30.9 9.8 14.6#

