

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114688.D
 Acq On : 31 May 2019 3:51
 Operator : HP/JU
 Sample : K3068-19 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8N(3.5-4.5)

Quant Time: May 31 12:12:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

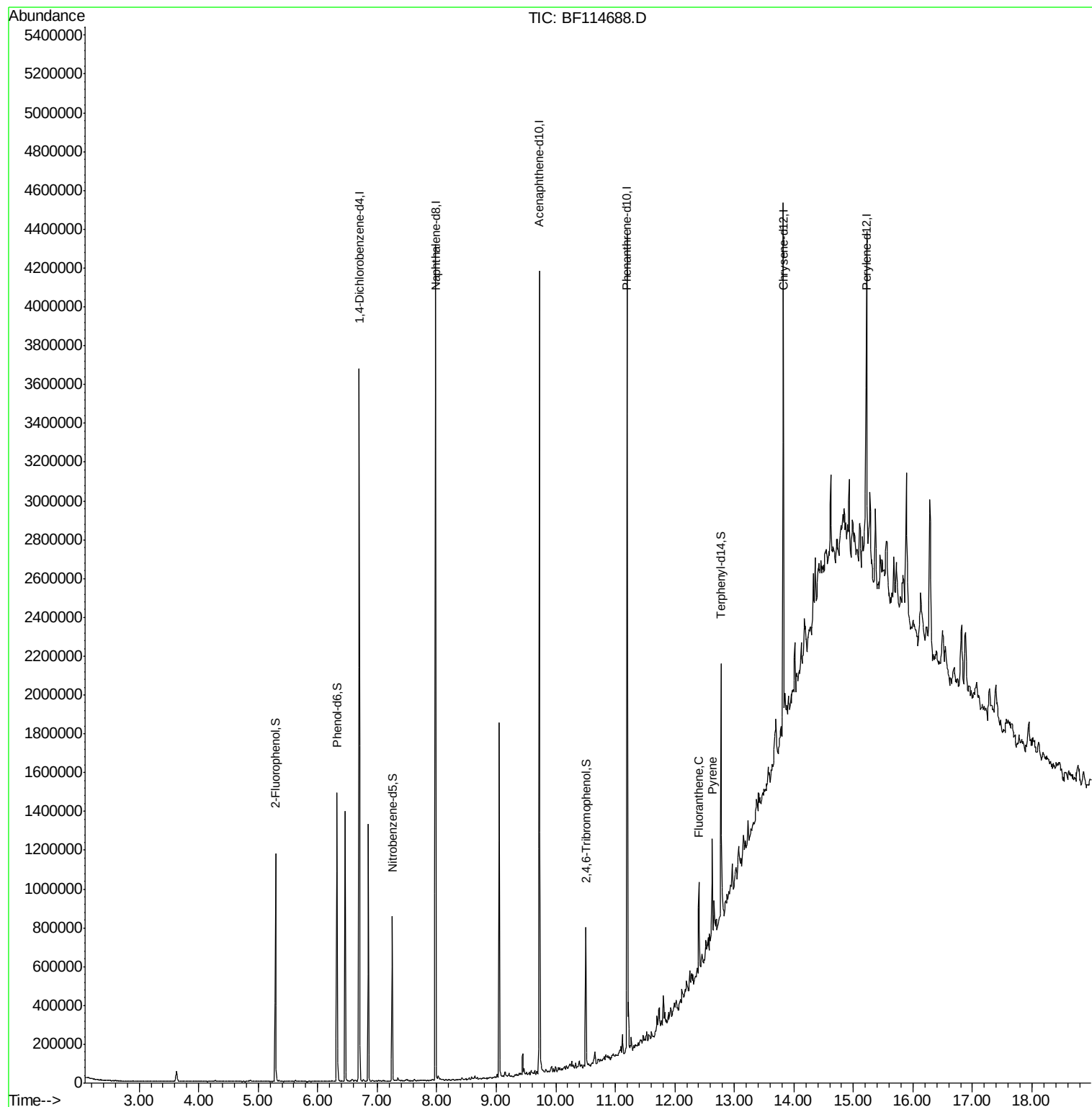
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	503470	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1809595	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	825798	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1488468	20.00	ng	0.00
76) Chrysene-d12	13.82	240	881067	20.00	ng	0.00
87) Perylene-d12	15.22	264	760333	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	365487	12.75	ng	0.00
7) Phenol-d6	6.32	99	451621	13.07	ng	0.00
23) Nitrobenzene-d5	7.25	82	226309	7.80	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	86926	11.05	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	0.00
79) Terphenyl-d14	12.78	244	474446	10.12	ng	0.00
Target Compounds						
75) Fluoranthene	12.40	202	173732	2.210	ng	95
78) Pyrene	12.63	202	204119	2.739	ng	98

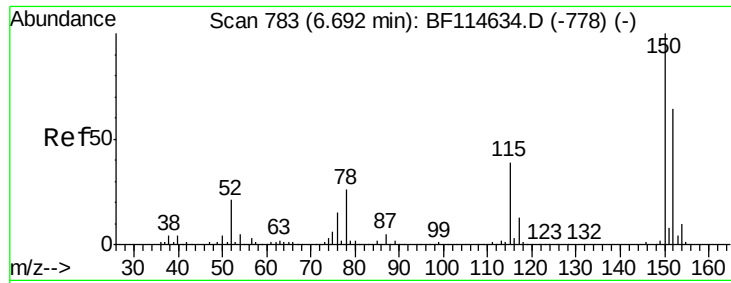
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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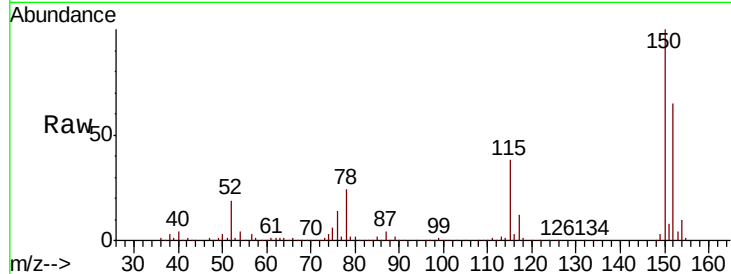


#1

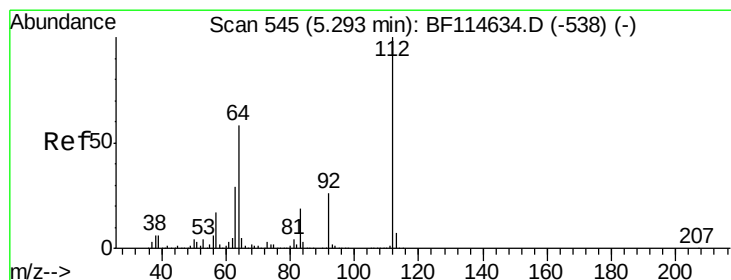
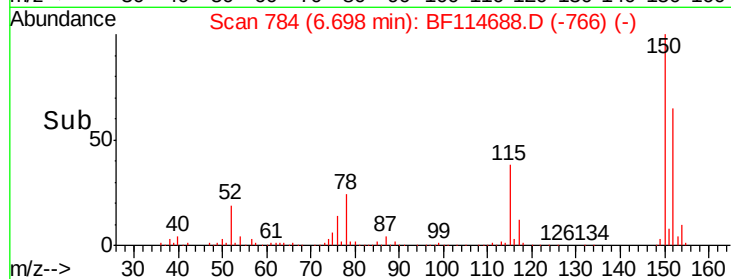
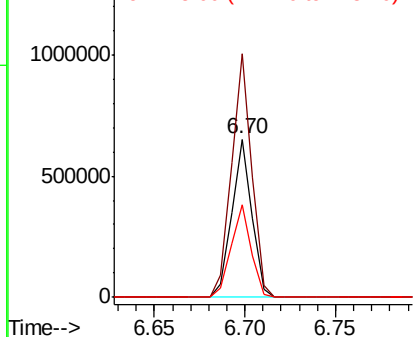
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF114688.D
 Acq: 31 May 2019 3:51

Instrument :
 BNA_F
 ClientSampleId :
 B-8N(3.5-4.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.4	186.6
115	58.4	48.7	73.1



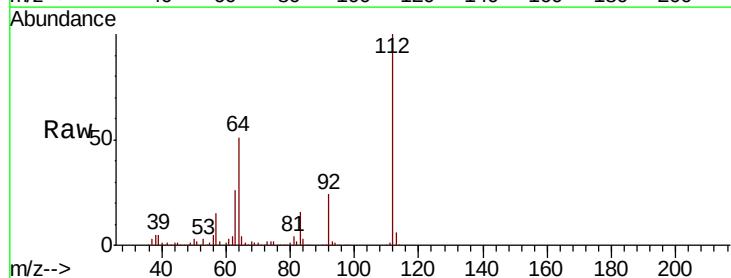
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



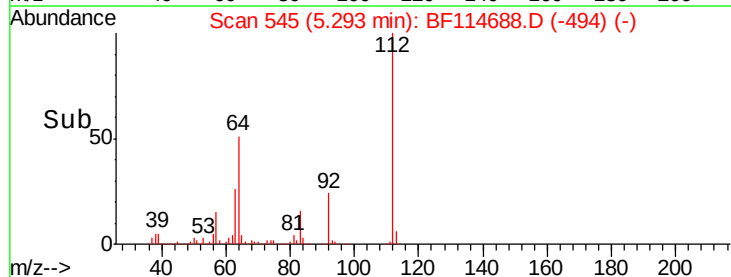
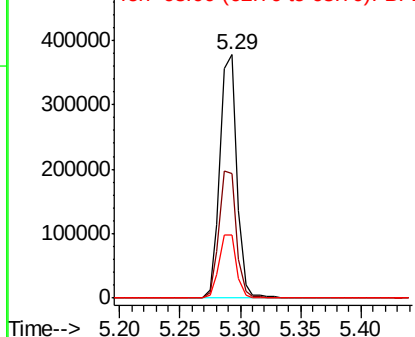
#5

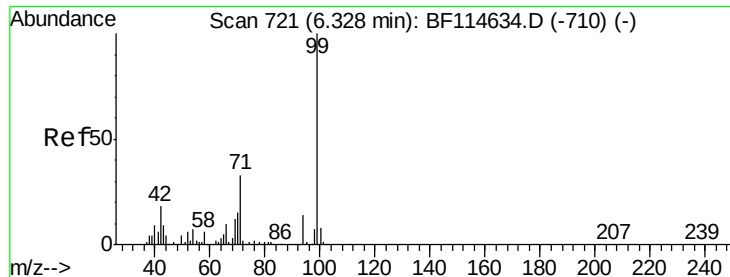
2-Fluorophenol
 Concen: 12.745 ng
 RT: 5.29 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF114688.D
 Acq: 31 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.0	46.1	69.1
63	26.1	23.4	35.2



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: 13.069 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114688.D

Acq: 31 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

B-8N(3.5-4.5)

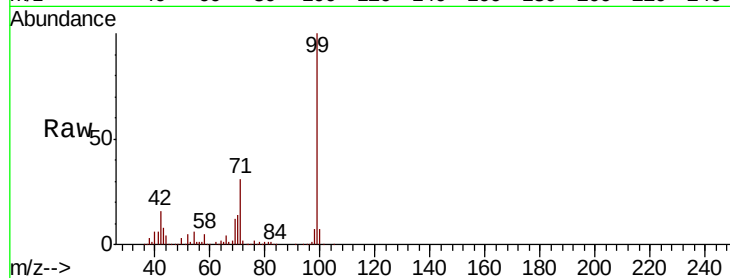
Tot Ion: 99 Resp: 451621

Ion Ratio Lower Upper

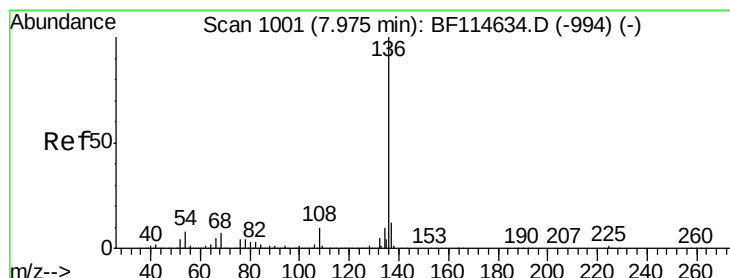
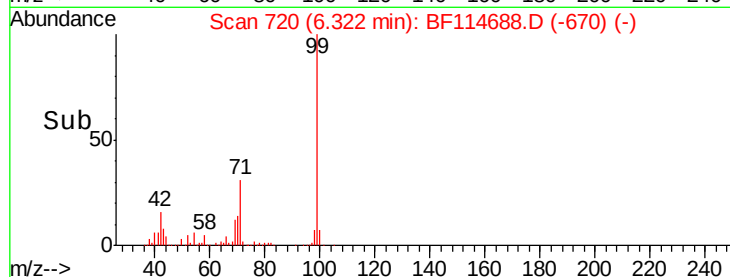
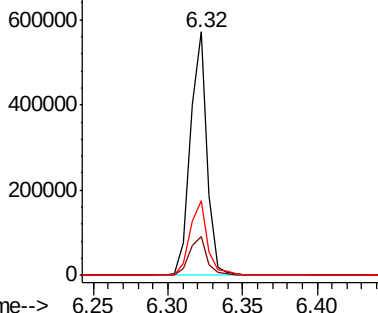
99 100

42 16.1 14.7 22.1

71 30.5 26.6 40.0



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: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF114688.D

Acq: 31 May 2019 3:51

Tgt Ion: 136 Resp: 1809595

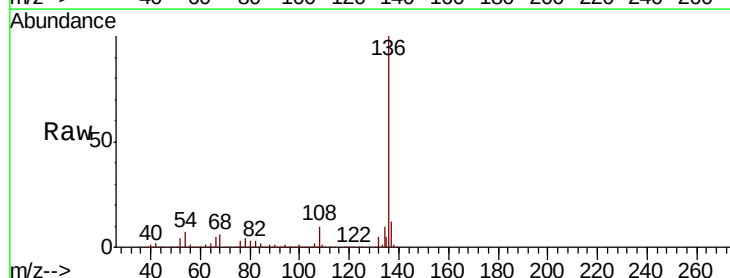
Ion Ratio Lower Upper

136 100

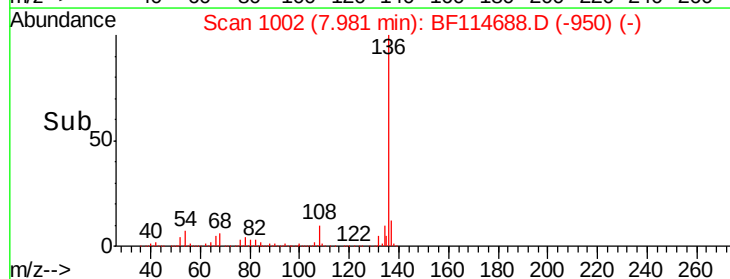
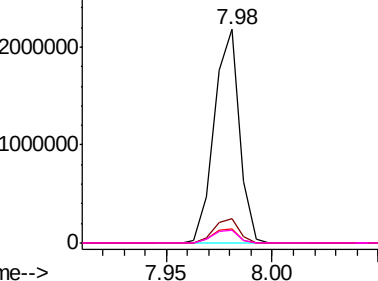
137 11.5 9.3 13.9

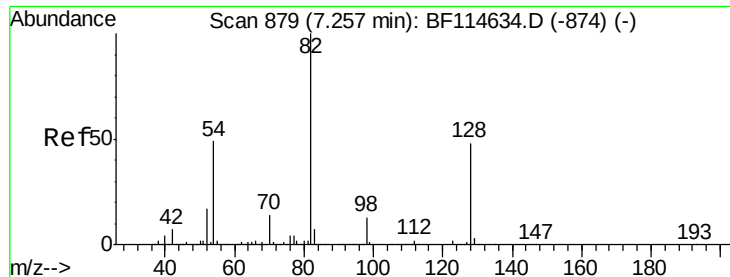
54 6.7 6.3 9.5

68 5.7 5.4 8.0



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

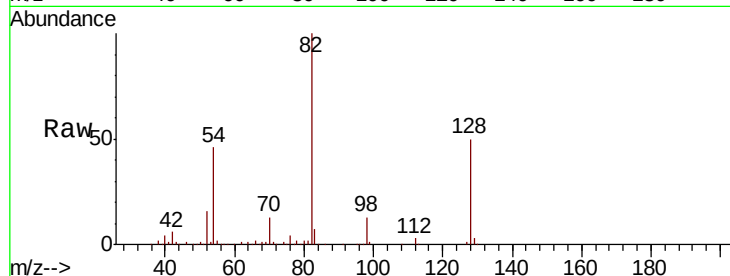




#23
Nitrobenzene-d5
Concen: 7.802 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114688.D
Acq: 31 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
B-8N(3.5-4.5)

Tot Ion	82	Resp	226309
Ion Ratio	Lower	Upper	
82	100		
128	49.6	38.5	57.7
54	45.8	39.1	58.7

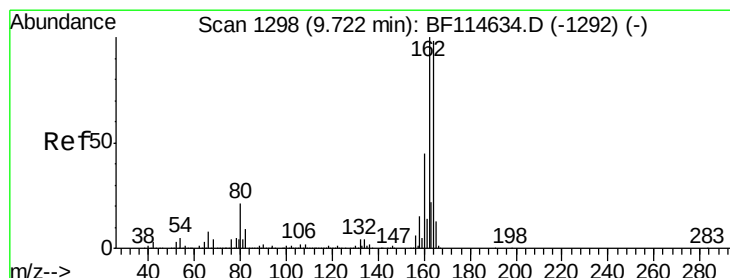
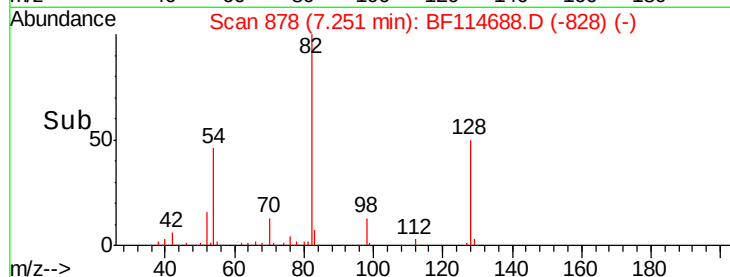
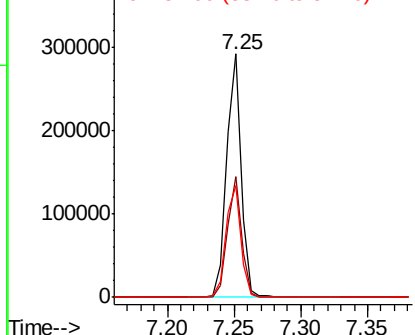


Abundance

Ion 82.00 (81.70 to 82.70): BF1

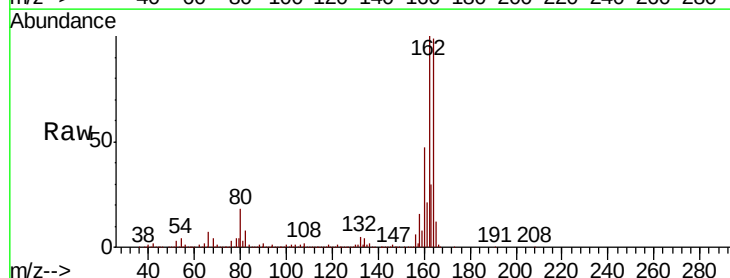
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF114688.D
Acq: 31 May 2019 3:51

Tgt Ion	164	Resp	825798
Ion Ratio	Lower	Upper	
164	100		
162	101.4	81.4	122.2
160	47.4	36.6	54.8

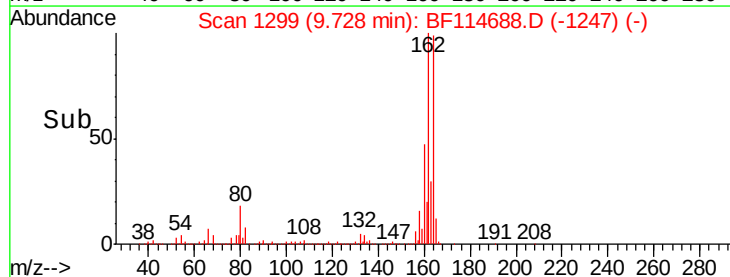
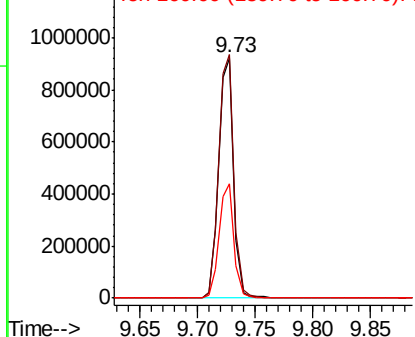


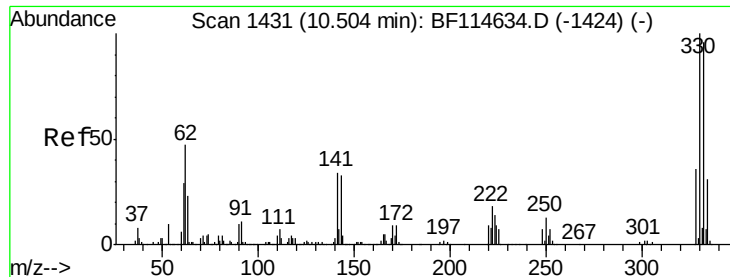
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

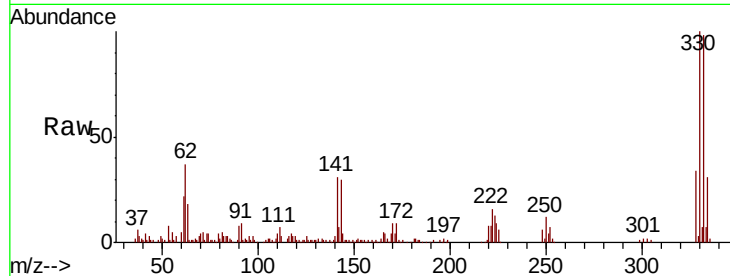




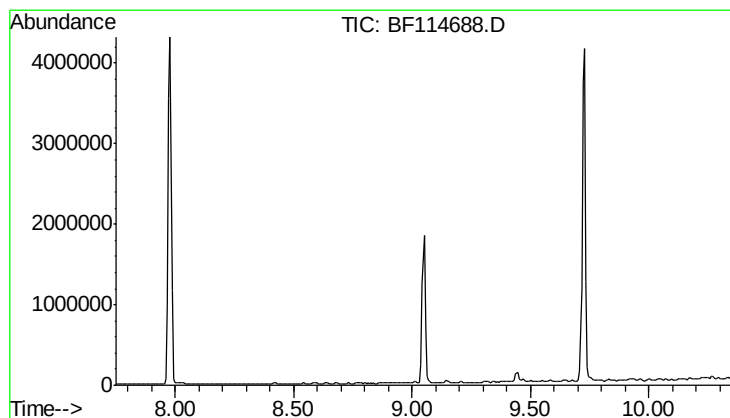
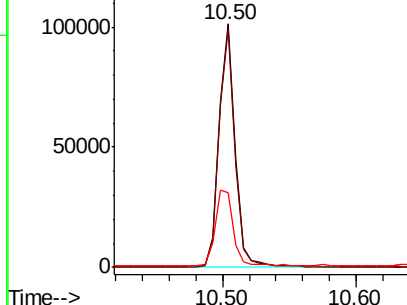
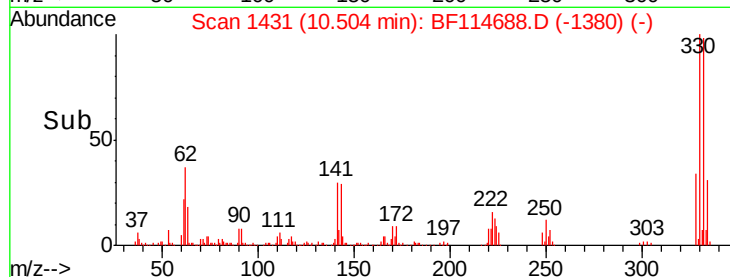
#42
 2,4,6-Tribromophenol
 Concen: 11.047 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114688.D
 Acq: 31 May 2019 3:51

Instrument :
 BNA_F
 ClientSampleId :
 B-8N(3.5-4.5)

Tot Ion:330 Resp: 86926
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.8 113.8
 141 34.6 27.8 41.8

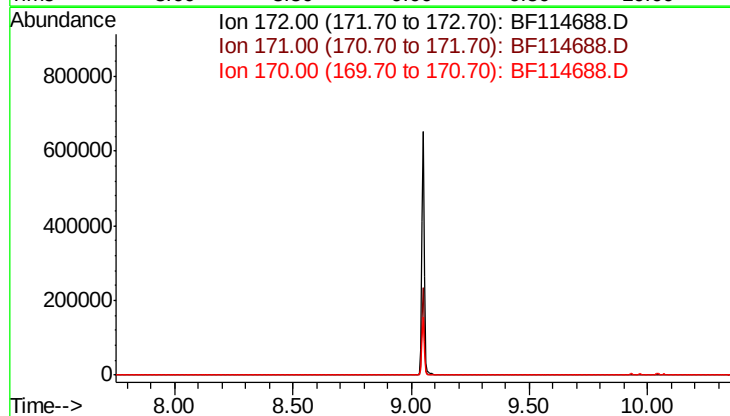


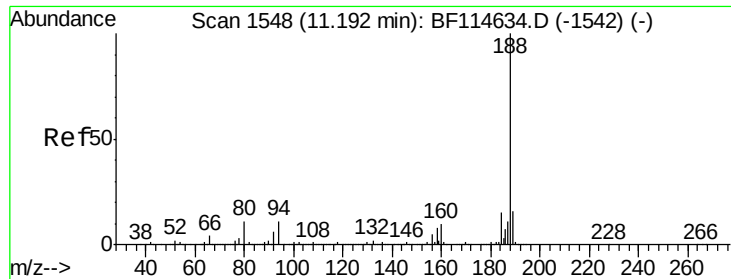
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.05 min
 Lab File: BF114688.D
 Acq: 31 May 2019 3:51

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 38.2
 170 25.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114688.D

Acq: 31 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

B-8N(3.5-4.5)

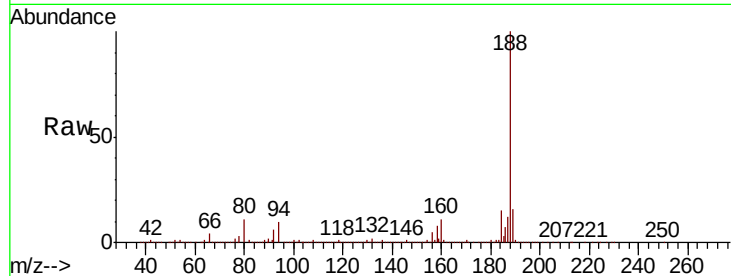
Tot Ion:188 Resp: 1488468

Ion Ratio Lower Upper

188 100

94 10.2 8.6 13.0

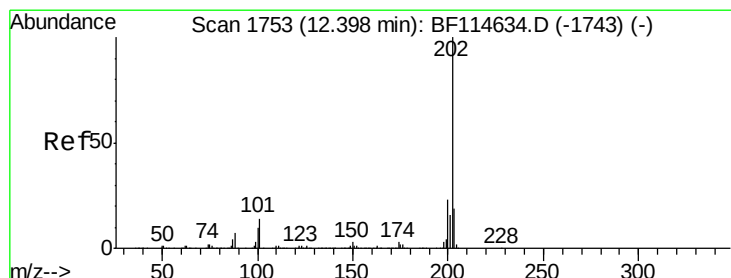
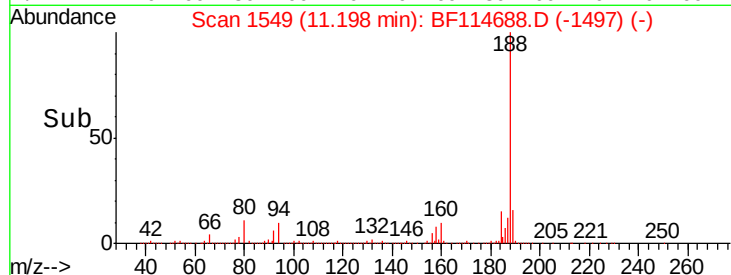
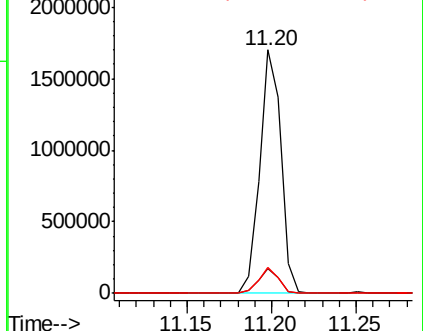
80 10.9 9.0 13.6



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: 2.210 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114688.D

Acq: 31 May 2019 3:51

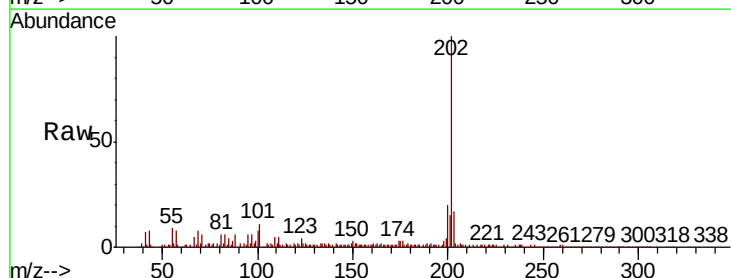
Tgt Ion:202 Resp: 173732

Ion Ratio Lower Upper

202 100

101 11.2 0.0 33.9

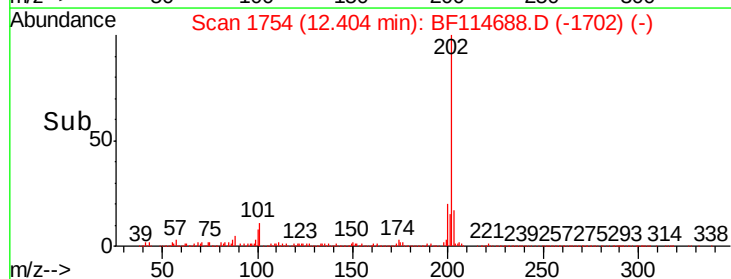
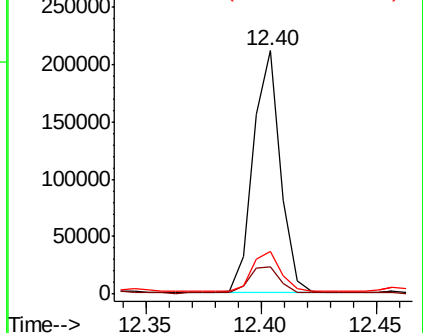
203 17.5 0.0 39.1

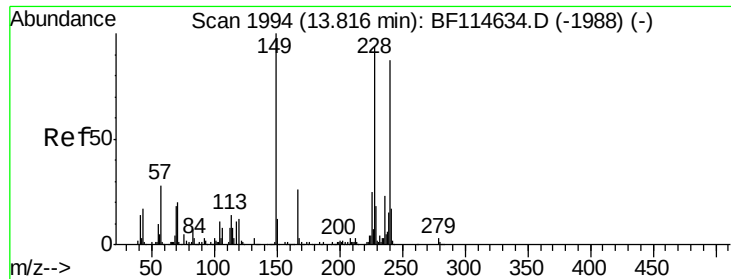


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

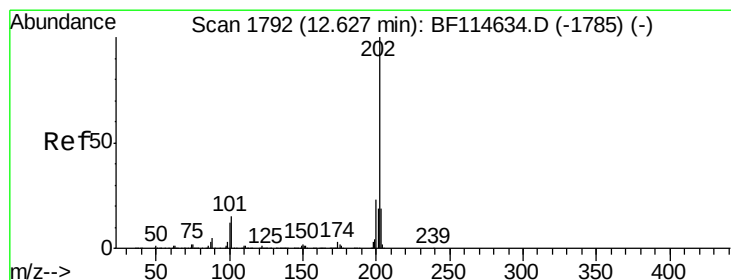
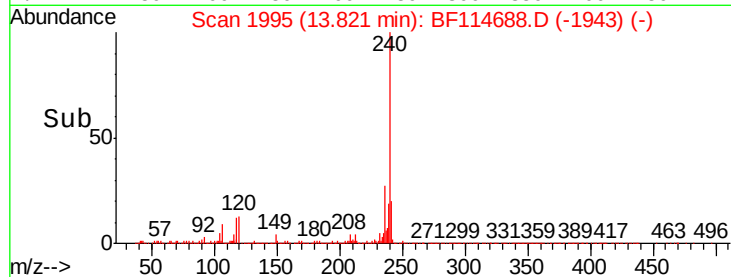
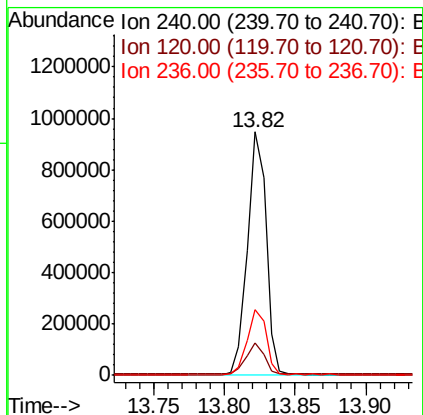
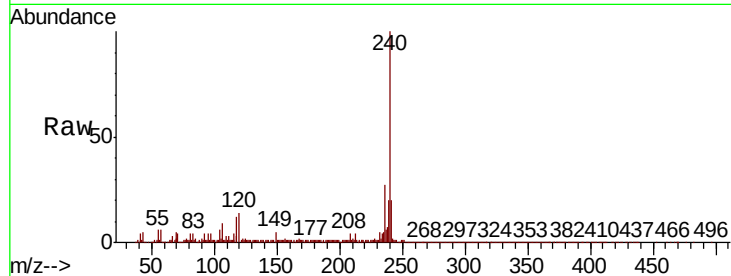




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF114688.D
Acq: 31 May 2019 3:51

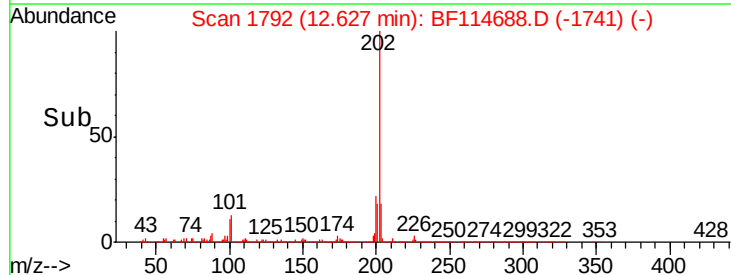
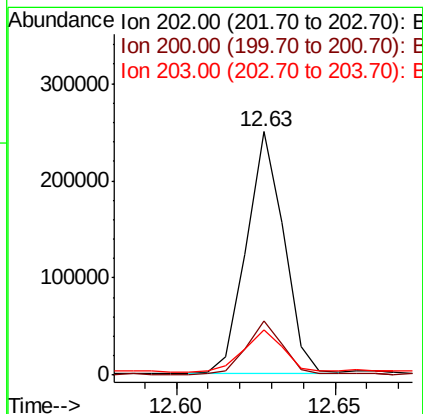
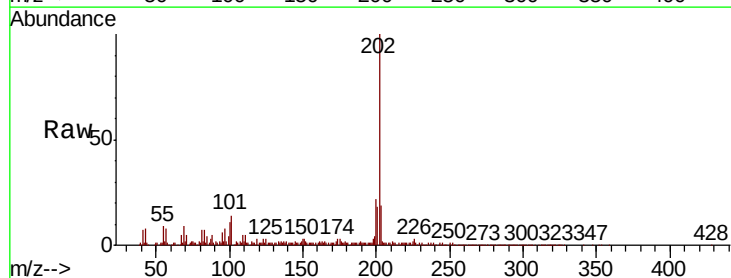
Instrument :
BNA_F
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B-8N(3.5-4.5)

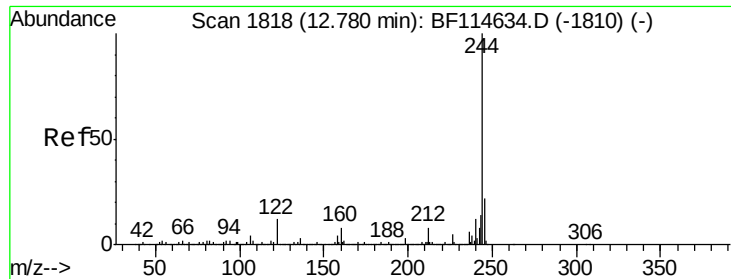
Tot Ion:240 Resp: 881067
Ion Ratio Lower Upper
240 100
120 13.6 11.2 16.8
236 26.9 21.2 31.8



#78
Pyrene
Concen: 2.739 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BF114688.D
Acq: 31 May 2019 3:51

Tgt Ion:202 Resp: 204119
Ion Ratio Lower Upper
202 100
200 22.2 18.6 28.0
203 18.8 15.4 23.2





#79

Terphenyl-d14

Concen: 10.124 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114688.D

Acq: 31 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

B-8N(3.5-4.5)

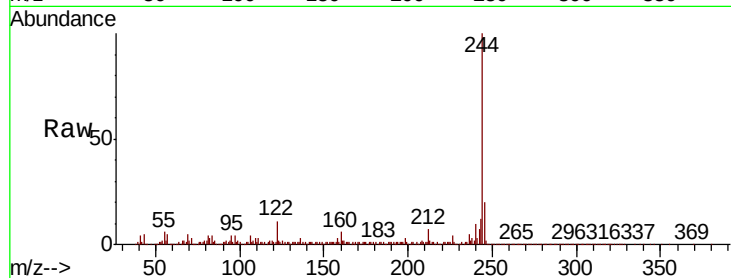
Tot Ion:244 Resp: 474446

Ion Ratio Lower Upper

244 100

212 6.5 6.1 9.1

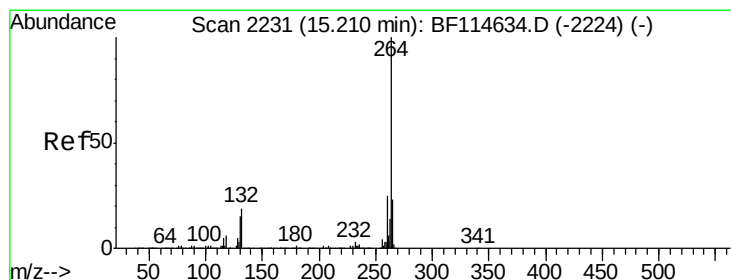
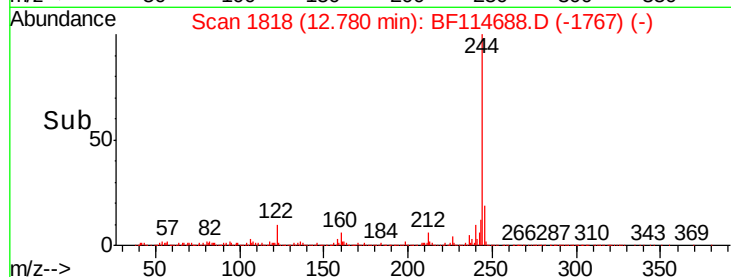
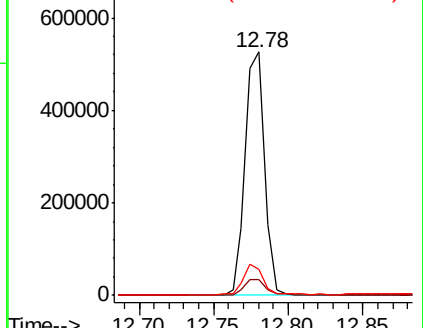
122 10.6 9.8 14.8



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: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF114688.D

Acq: 31 May 2019 3:51

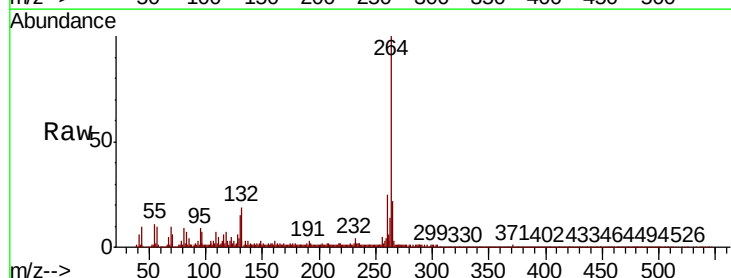
Tgt Ion:264 Resp: 760333

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 22.4 18.1 27.1



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

