

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116684.D
 Acq On : 31 Aug 2019 6:55
 Operator : HP/JU
 Sample : K4089-06 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-082919

Quant Time: Aug 31 11:37:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

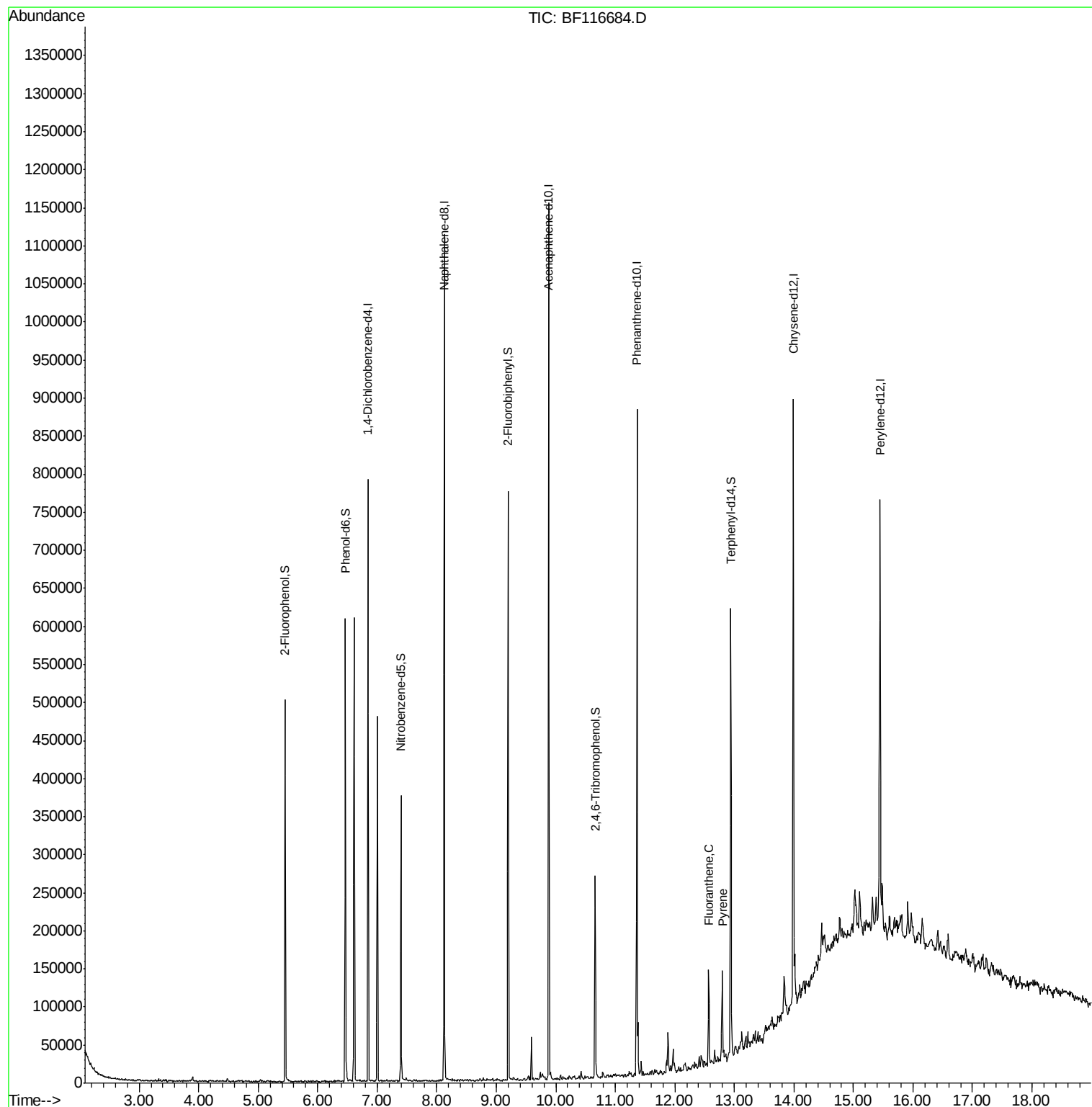
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105876	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	426167	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	204281	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	298541	20.00	ng	0.00
76) Chrysene-d12	13.99	240	236086	20.00	ng	0.00
87) Perylene-d12	15.44	264	243684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	136688	20.92	ng	-0.01
7) Phenol-d6	6.46	99	187800	21.88	ng	-0.02
23) Nitrobenzene-d5	7.40	82	103514	13.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	25725	18.84	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	204933	16.92	ng	-0.01
79) Terphenyl-d14	12.94	244	164089	12.86	ng	-0.01
Target Compounds						
75) Fluoranthene	12.57	202	42131	2.580	ng	95
78) Pyrene	12.80	202	43708	2.083	ng	99

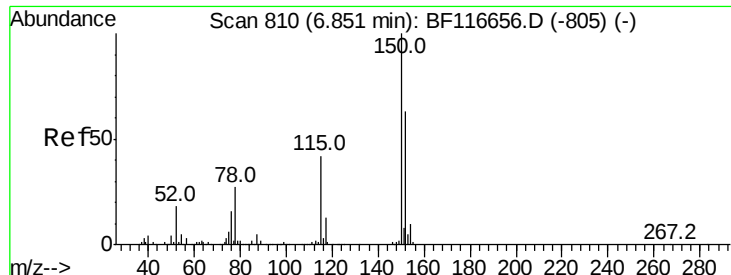
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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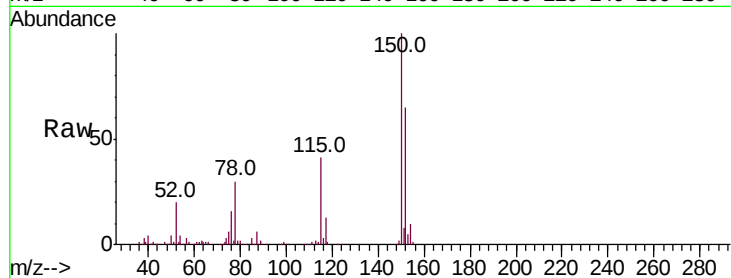


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116684.D
Acq: 31 Aug 2019 6:55

Instrument :
BNA_F
ClientSampleId :
OK-02-082919

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.4	186.6
115	62.5	49.9	74.9

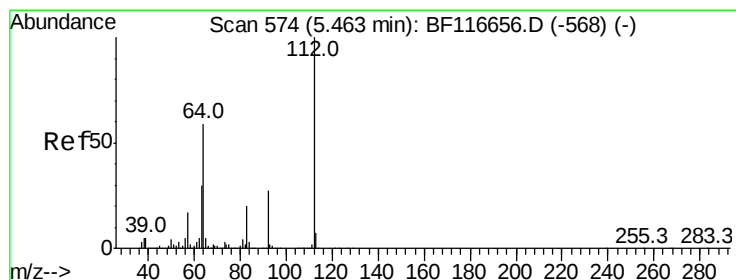
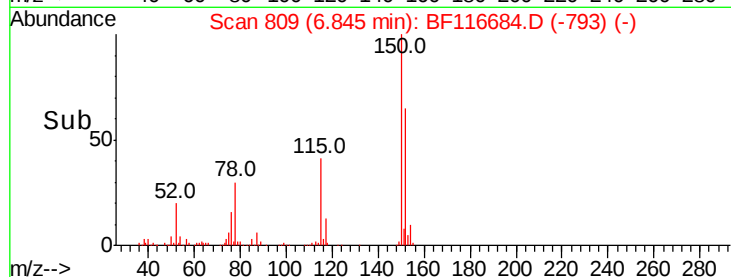
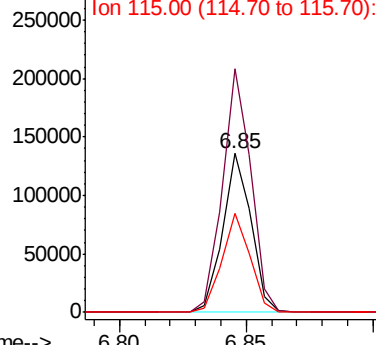


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

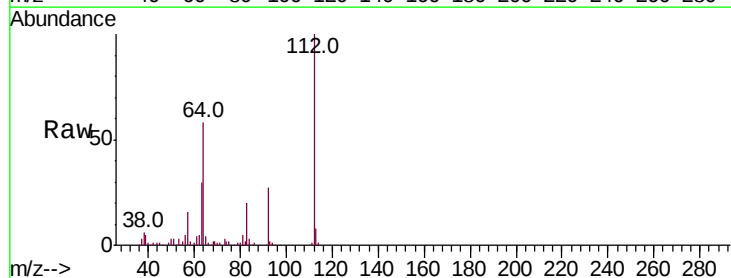
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 20.915 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116684.D
Acq: 31 Aug 2019 6:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.1	70.7
63	29.6	24.9	37.3

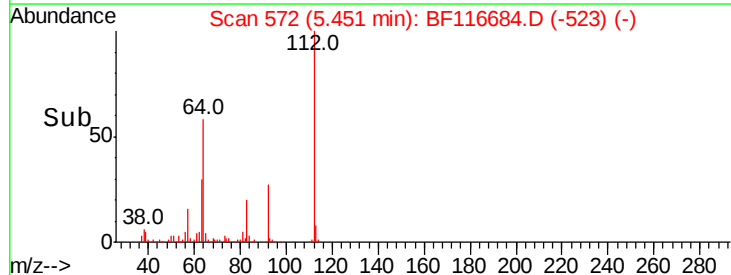
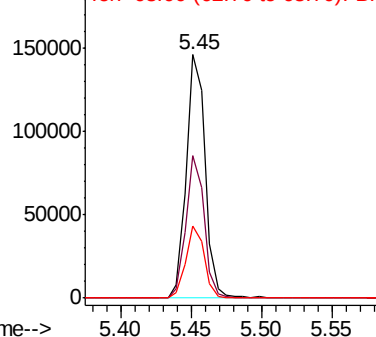


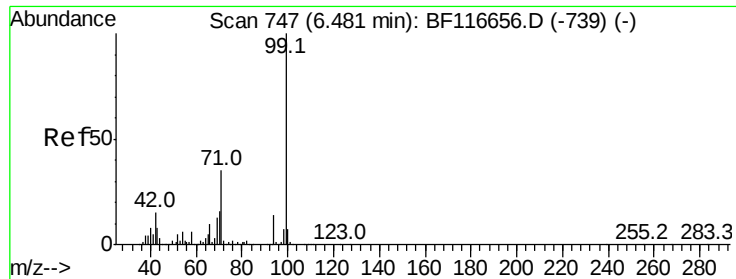
Abundance

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: 21.884 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116684.D

Acq: 31 Aug 2019 6:55

Instrument :

BNA_F

ClientSampleId :

OK-02-082919

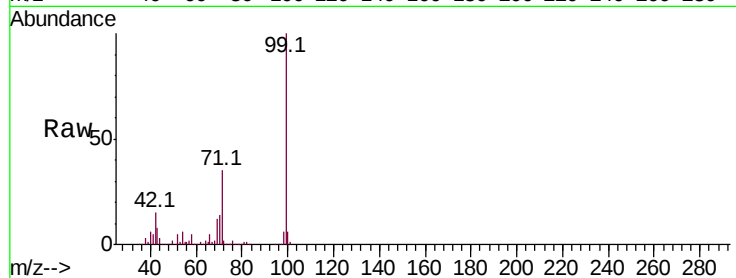
Tot Ion: 99 Resp: 187800

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

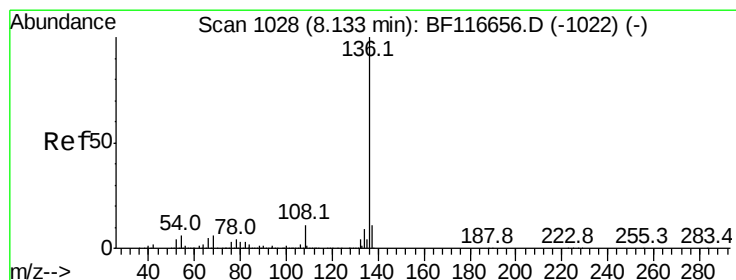
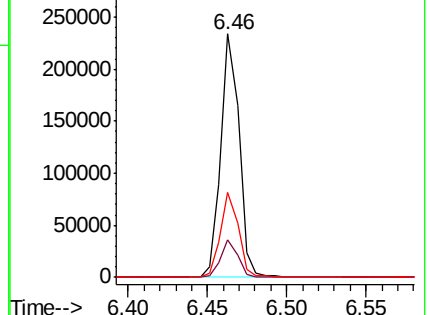
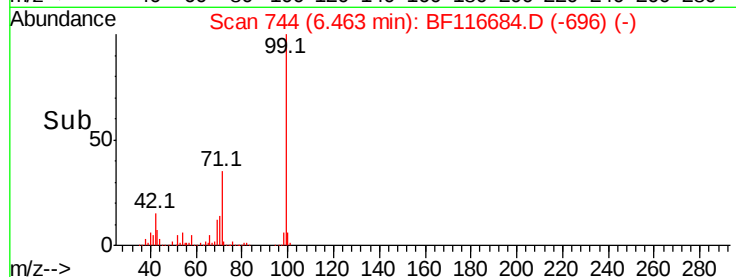
71 34.7 30.8 46.2



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116684.D

Acq: 31 Aug 2019 6:55

Tgt Ion: 136 Resp: 426167

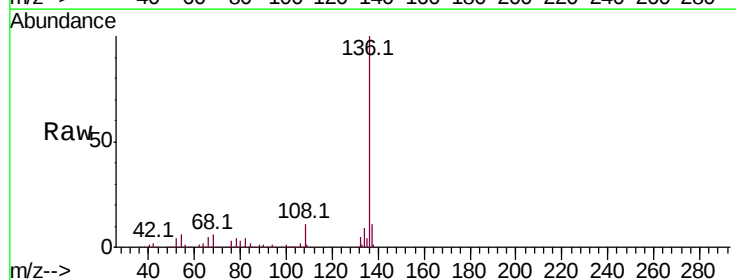
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 5.8 4.8 7.2

68 5.7 4.0 6.0

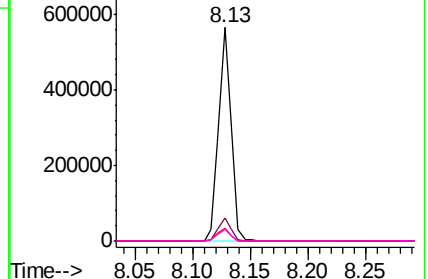
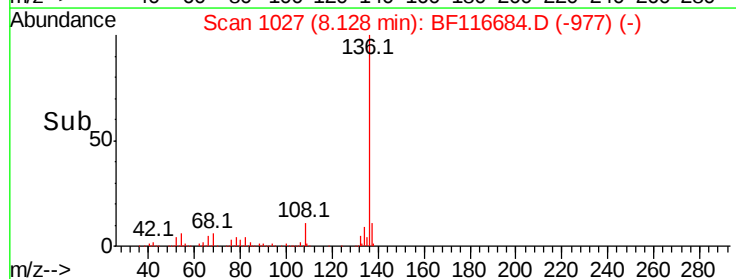


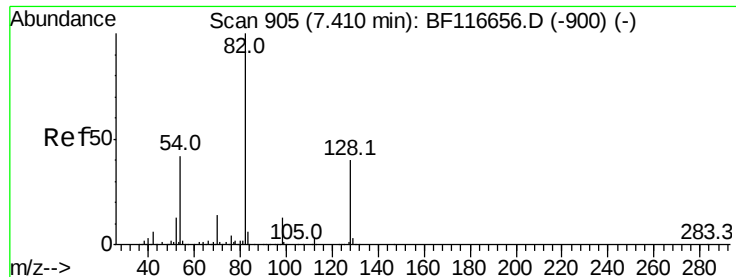
Abundance Ion 136.00 (135.70 to 136.70): E

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

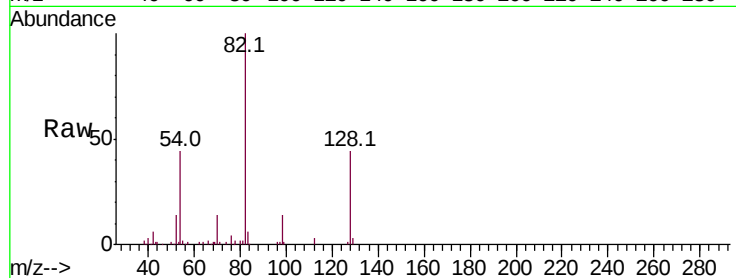




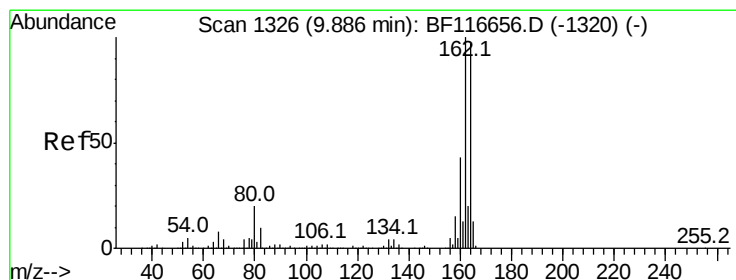
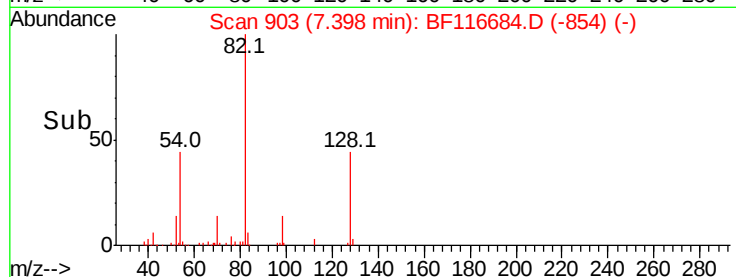
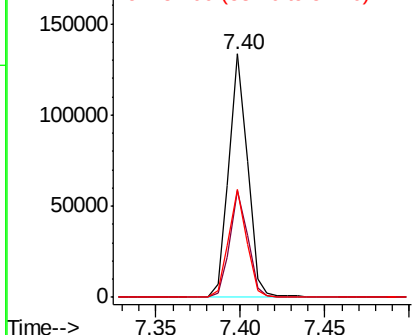
#23
Nitrobenzene-d5
Concen: 13.866 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116684.D
Acq: 31 Aug 2019 6:55

Instrument :
BNA_F
ClientSampleId :
OK-02-082919

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	32.8	49.2
54	44.3	36.9	55.3

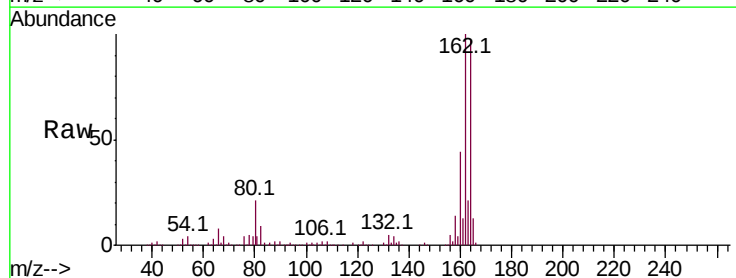


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

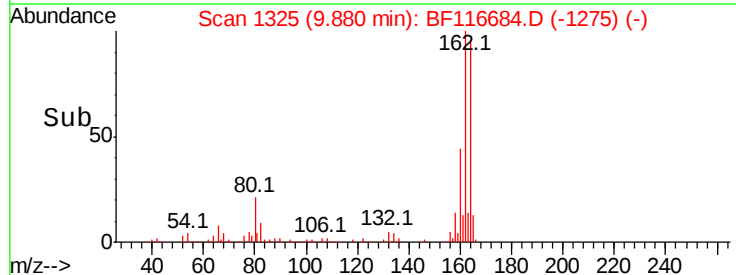
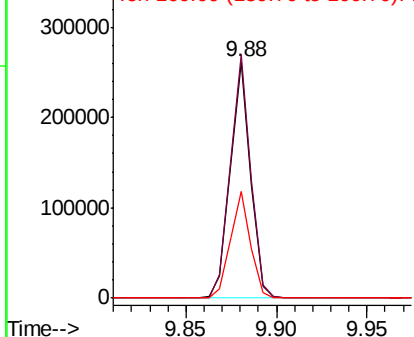


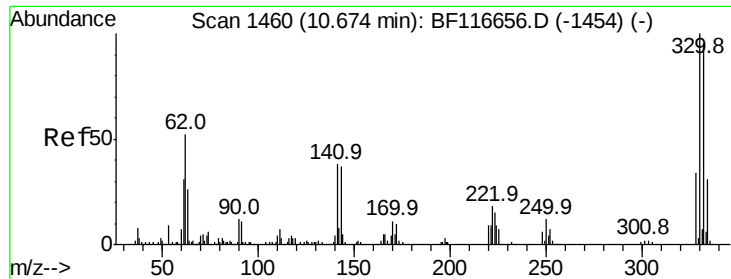
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116684.D
Acq: 31 Aug 2019 6:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.0
160	45.0	35.4	53.2



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: 18.837 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116684.D

Acq: 31 Aug 2019 6:55

Instrument :

BNA_F

ClientSampleId :

OK-02-082919

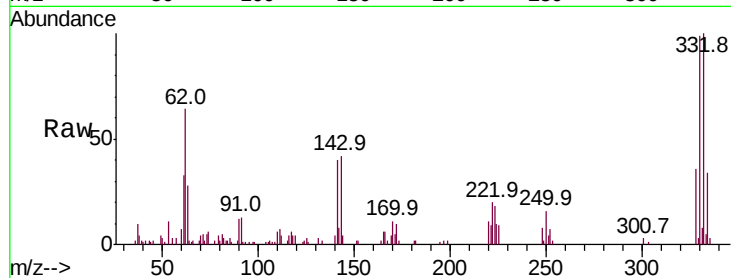
Tot Ion:330 Resp: 25725

Ion Ratio Lower Upper

330 100

332 97.5 76.9 115.3

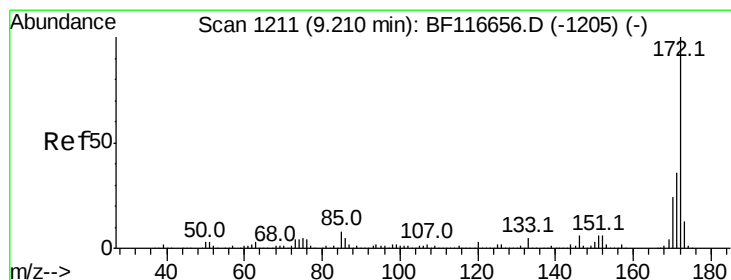
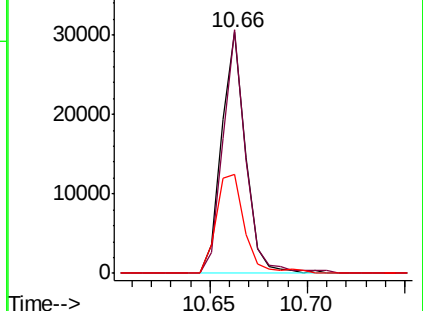
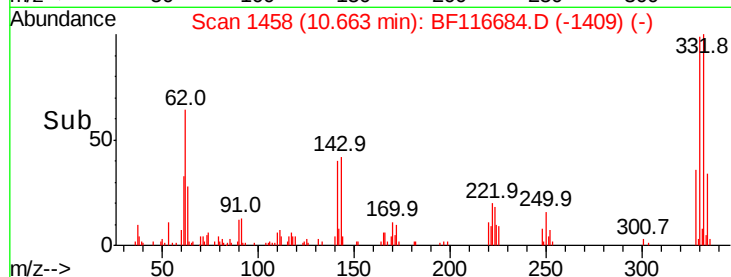
141 49.0 31.4 47.2#



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: 16.923 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF116684.D

Acq: 31 Aug 2019 6:55

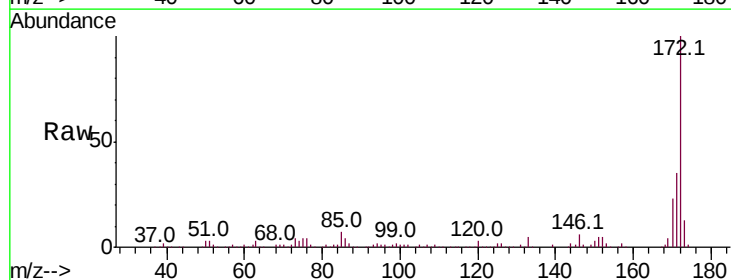
Tgt Ion:172 Resp: 204933

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

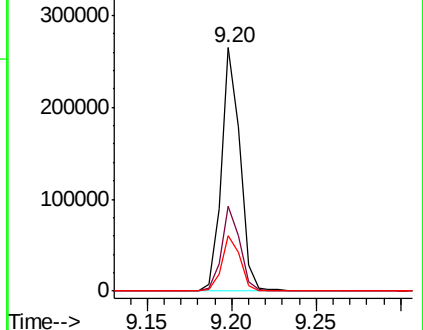
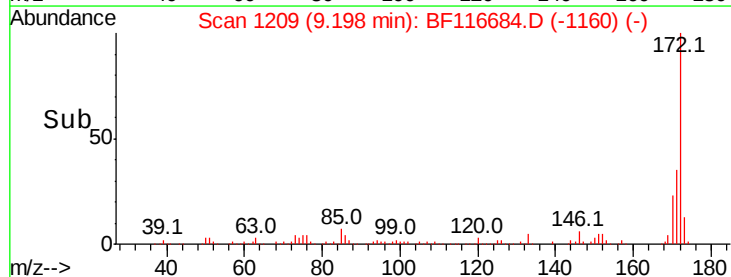
170 23.0 18.9 28.3

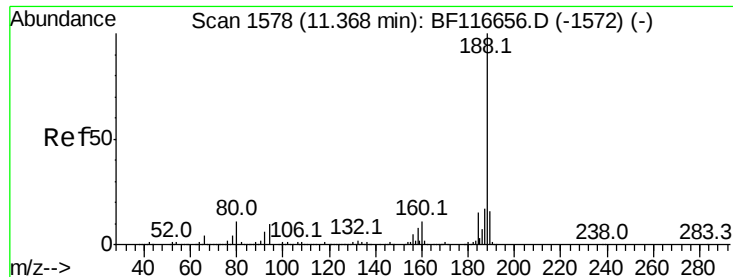


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116684.D

Acq: 31 Aug 2019 6:55

Instrument :

BNA_F

ClientSampleId :

OK-02-082919

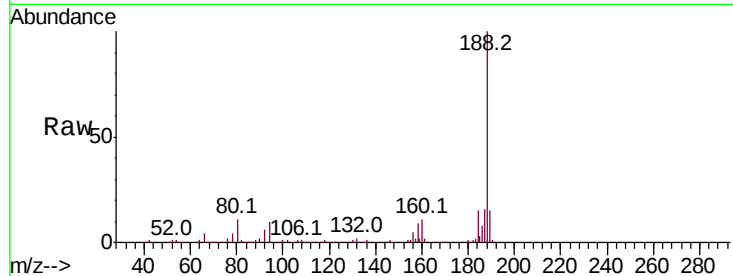
Tot Ion:188 Resp: 298541

Ion Ratio Lower Upper

188 100

94 9.9 7.3 10.9

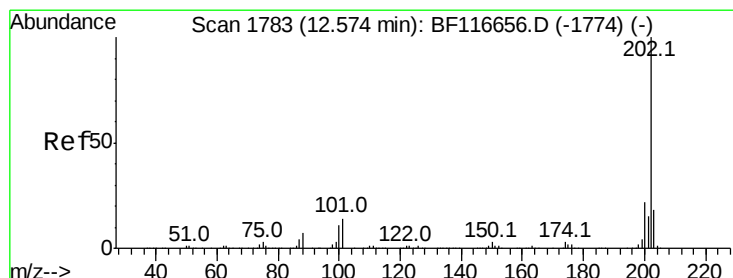
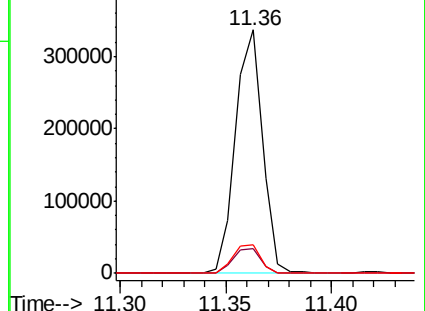
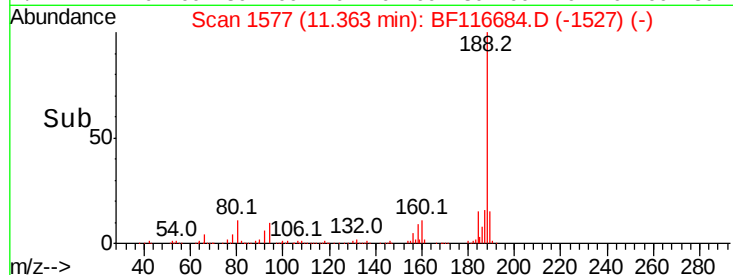
80 11.5 8.4 12.6



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: 2.580 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF116684.D

Acq: 31 Aug 2019 6:55

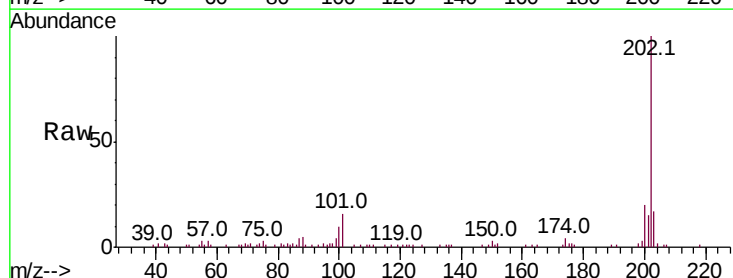
Tgt Ion:202 Resp: 42131

Ion Ratio Lower Upper

202 100

101 16.0 0.0 31.3

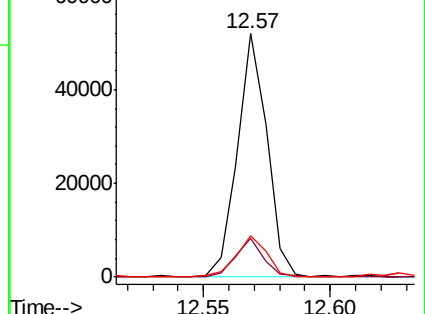
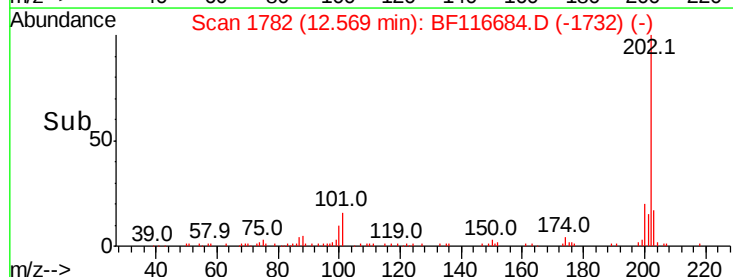
203 17.2 0.0 37.6

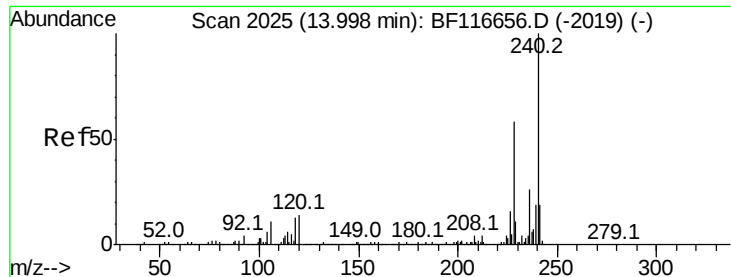


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

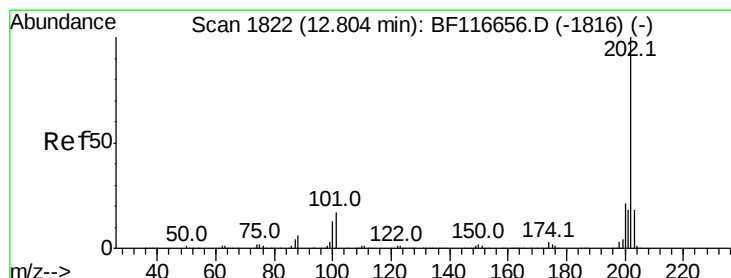
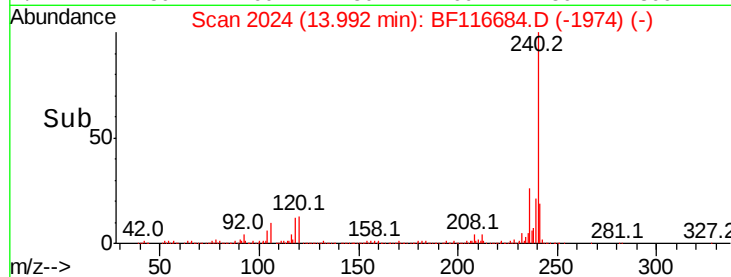
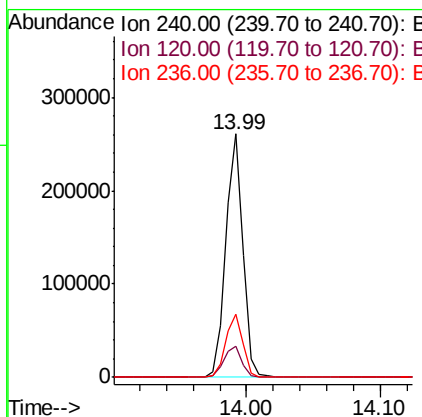
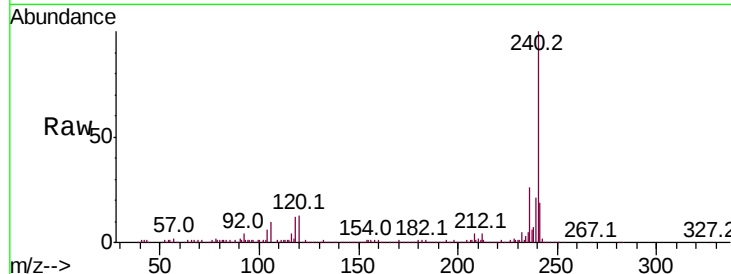




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116684.D
Acq: 31 Aug 2019 6:55

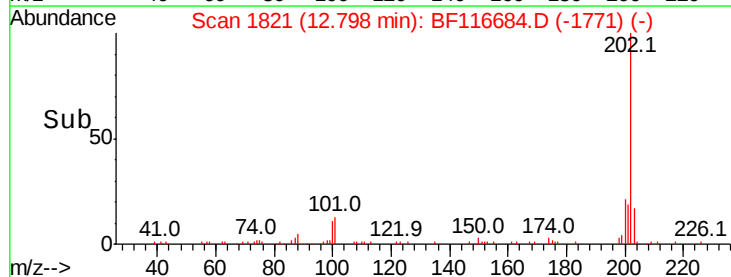
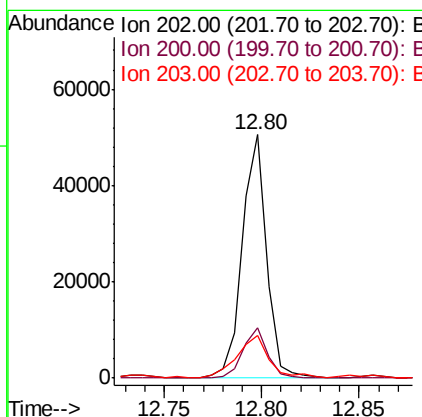
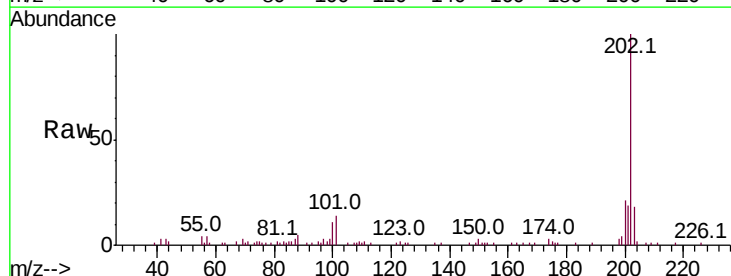
Instrument :
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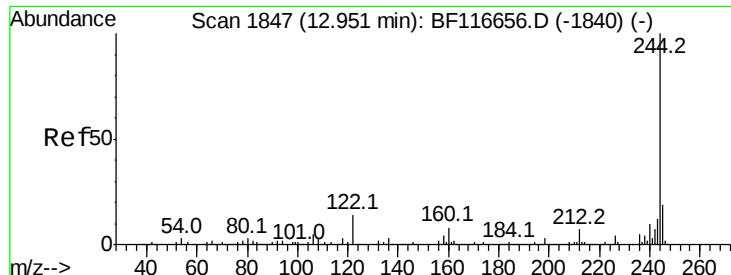
Tot Ion:240 Resp: 236086
Ion Ratio Lower Upper
240 100
120 13.0 9.1 13.7
236 26.1 21.1 31.7



#78
Pyrene
Concen: 2.083 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116684.D
Acq: 31 Aug 2019 6:55

Tgt Ion:202 Resp: 43708
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.6 13.7 20.5





#79

Terphenyl-d14

Concen: 12.858 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116684.D

Acq: 31 Aug 2019 6:55

Instrument :

BNA_F

ClientSampleId :

OK-02-082919

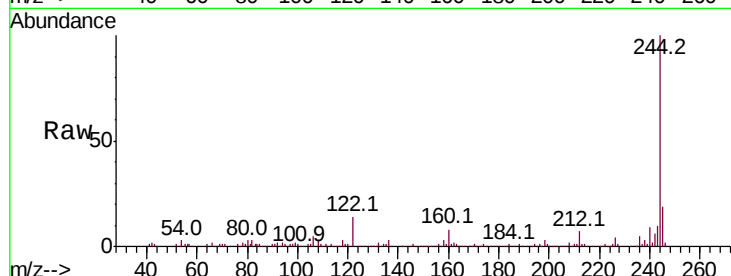
Tot Ion:244 Resp: 164089

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

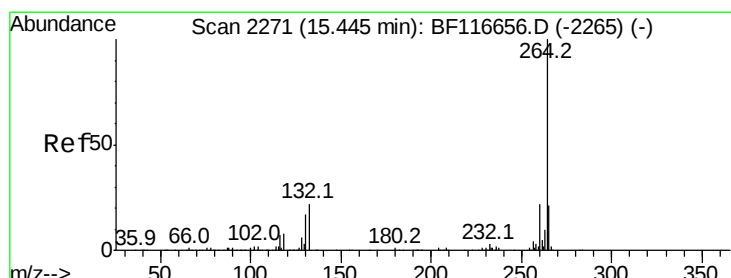
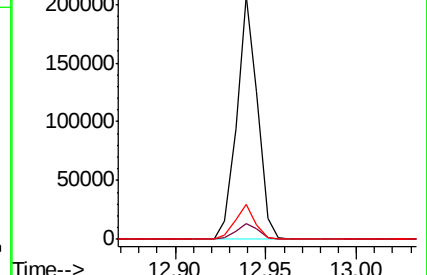
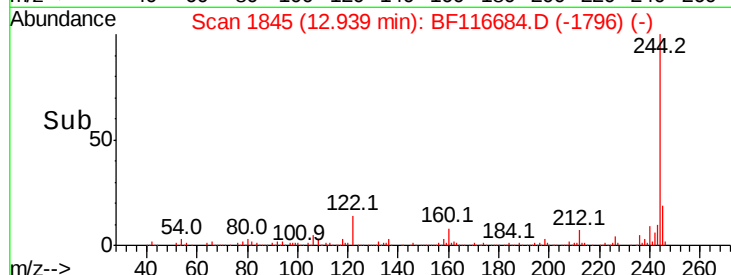
122 14.1 10.2 15.4



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: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF116684.D

Acq: 31 Aug 2019 6:55

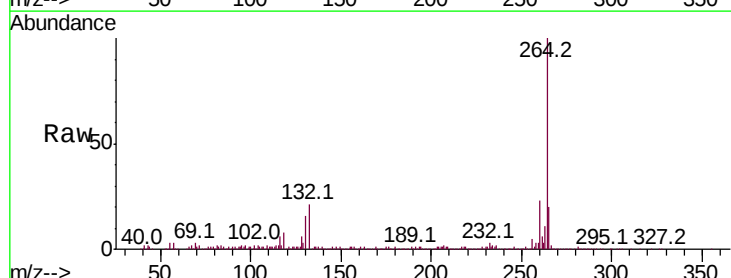
Tgt Ion:264 Resp: 243684

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 20.3 16.5 24.7



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

