

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116670.D
 Acq On : 31 Aug 2019 00:36
 Operator : HP/JU
 Sample : K4613-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-D

Quant Time: Aug 31 04:36:34 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

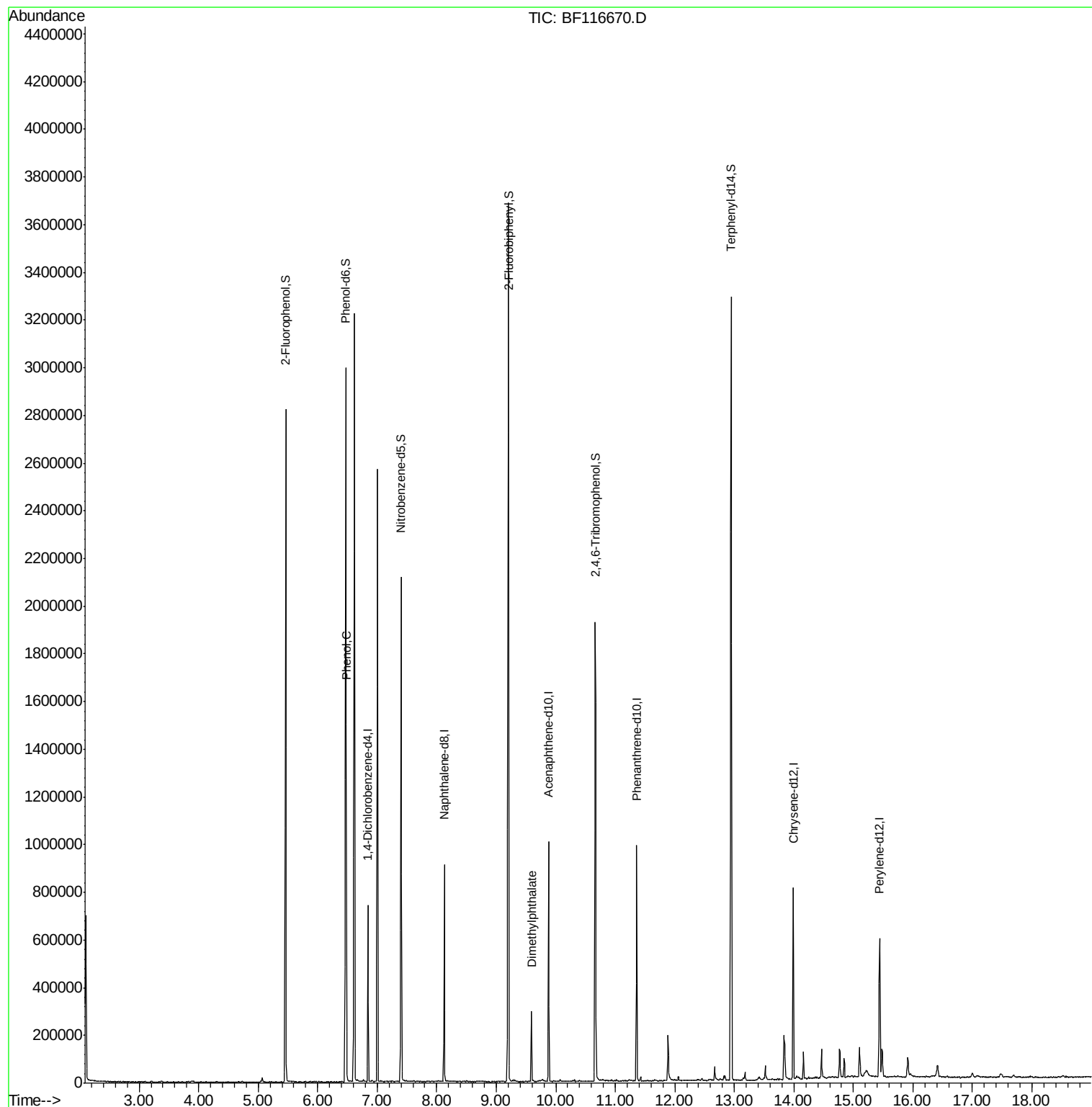
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	94984	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	373849	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	192072	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	326242	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	256934	20.00	ng	0.00
87) Perylene-d12	15.44	264	256011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	814780	138.97	ng	0.00
7) Phenol-d6	6.47	99	1125319	146.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	690308	105.41	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	203783	158.70	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1081455	94.98	ng	0.00
79) Terphenyl-d14	12.94	244	1057331	76.13	ng	0.00
Target Compounds						
10) Phenol	6.49	94	40843	4.791	ng	89
50) Dimethylphthalate	9.59	163	110212	8.311	ng	98

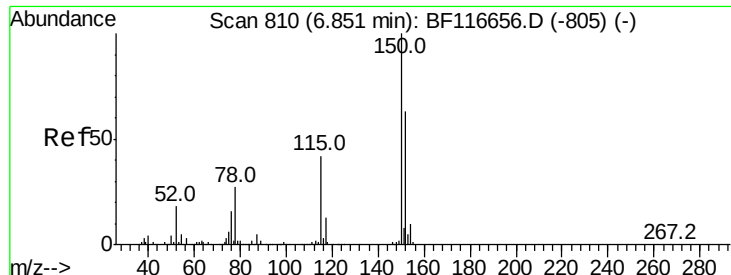
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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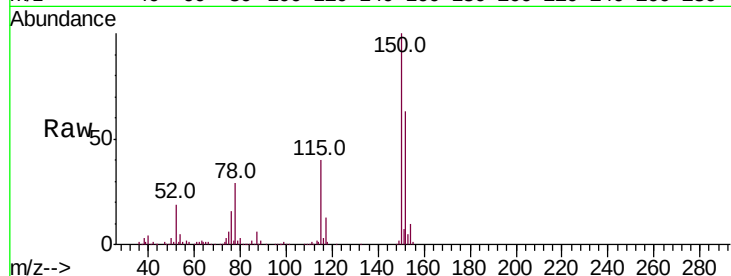


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Instrument :
BNA_F
ClientSampleId :
TP-10-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.4	186.6
115	63.2	49.9	74.9

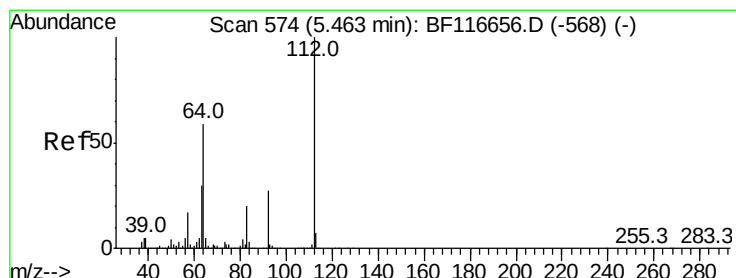
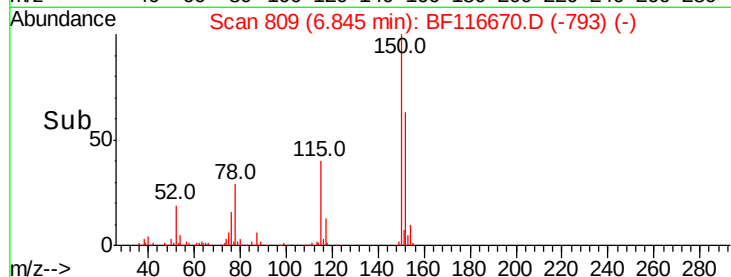
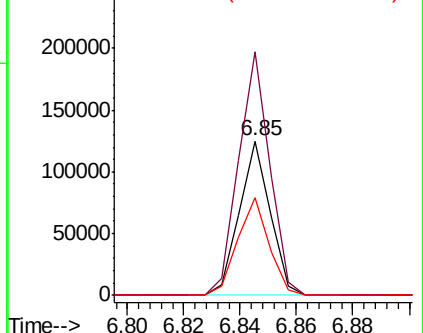


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

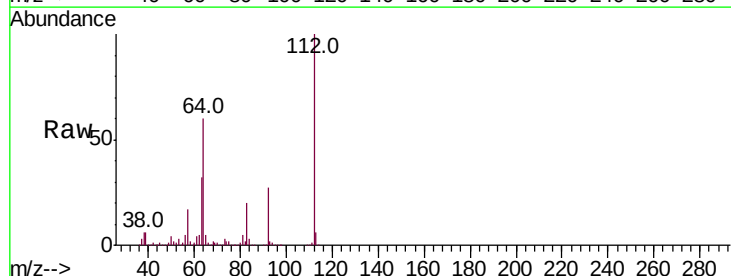
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 138.970 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.1	70.7
63	31.7	24.9	37.3

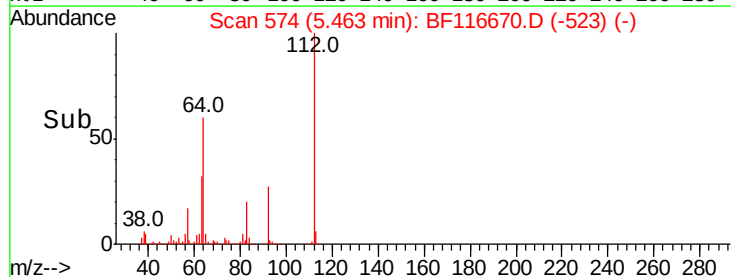
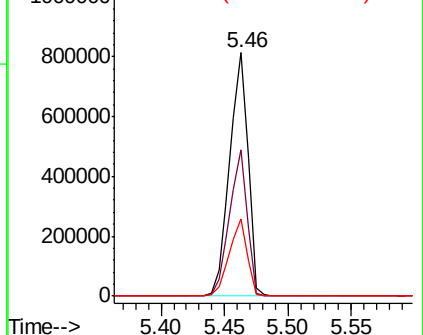


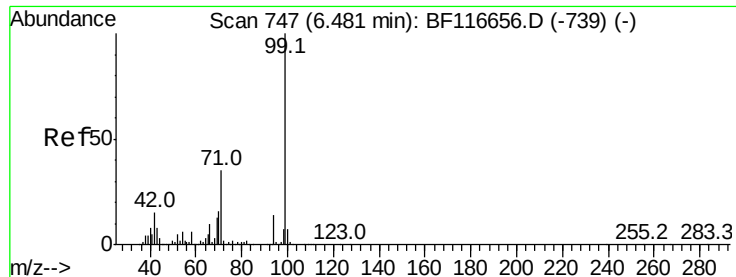
Abundance

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: 146.169 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

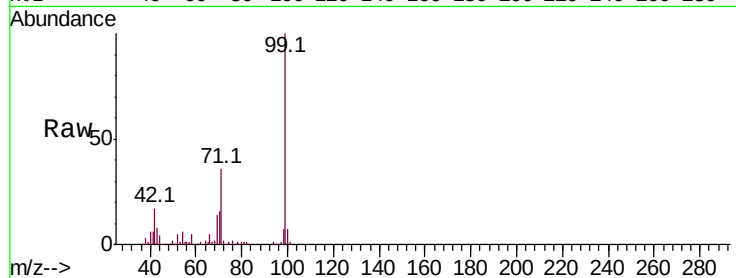
BNA_F

ClientSampled :

TP-10-D

Tot Ion: 99 Resp: 1125319

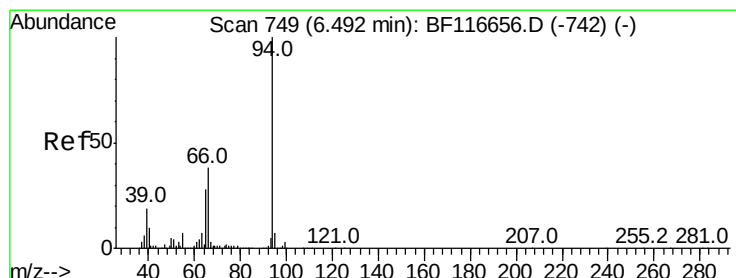
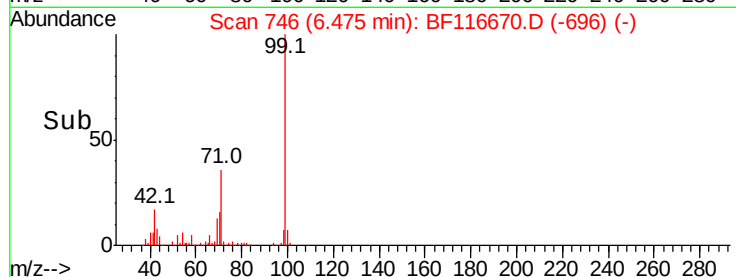
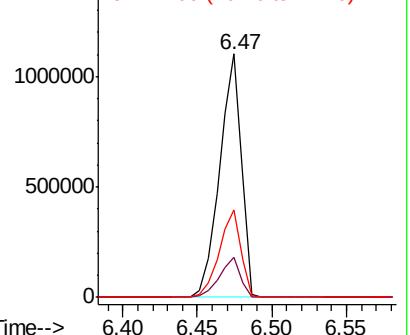
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	35.9	30.8	46.2



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



#10

Phenol

Concen: 4.791 ng

RT: 6.49 min Scan# 748

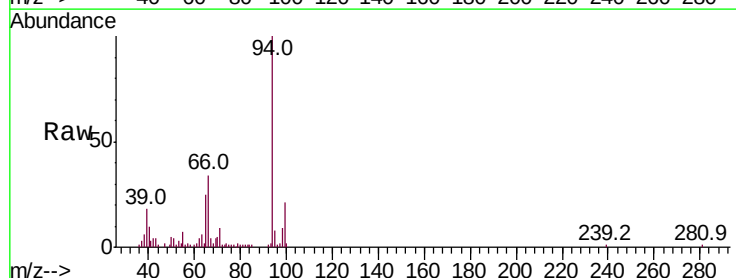
Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Tgt Ion: 94 Resp: 40843

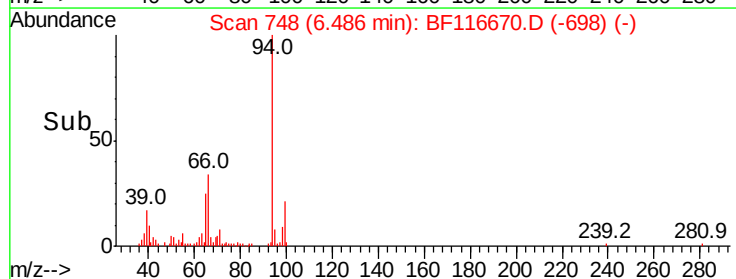
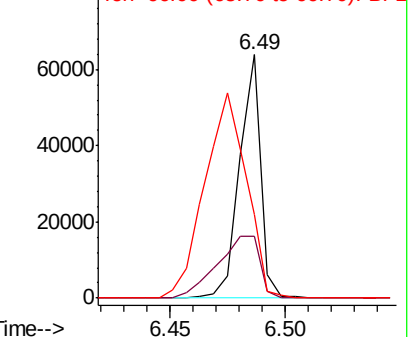
Ion	Ratio	Lower	Upper
94	100		
65	25.2	10.8	50.8
66	34.2	21.1	61.1

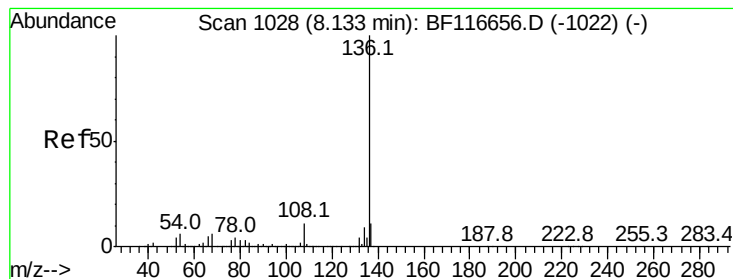


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampleId :

TP-10-D

Tot Ion:136 Resp: 373849

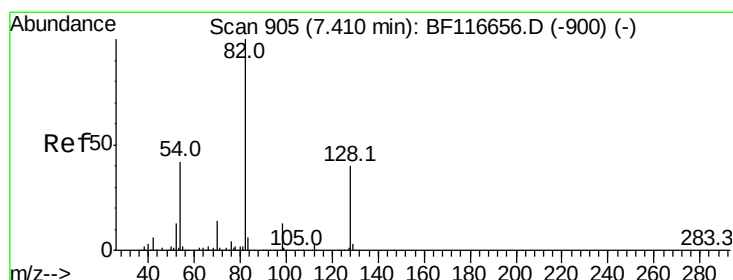
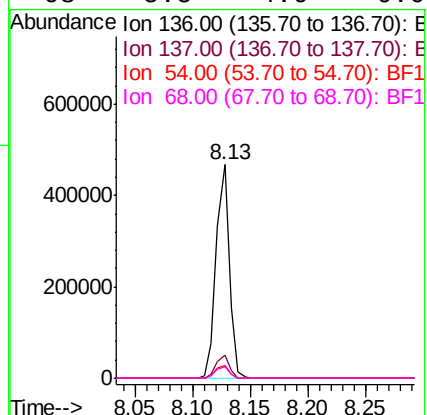
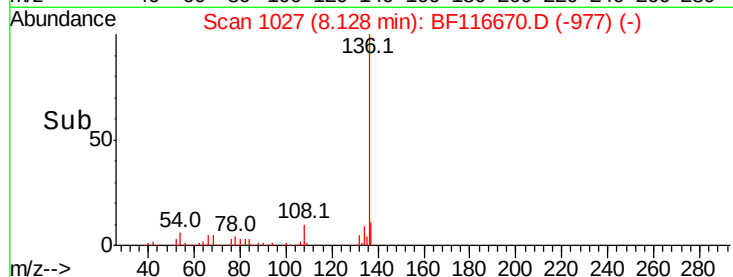
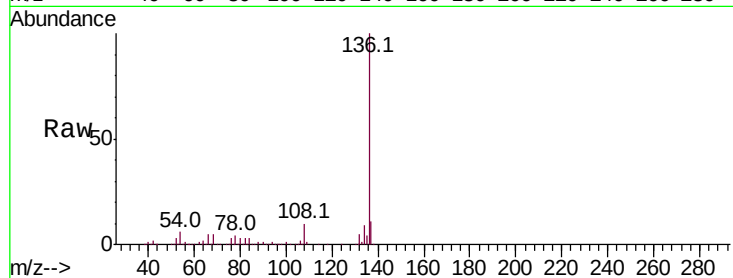
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.9 4.8 7.2

68 5.5 4.0 6.0



#23

Nitrobenzene-d5

Concen: 105.411 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

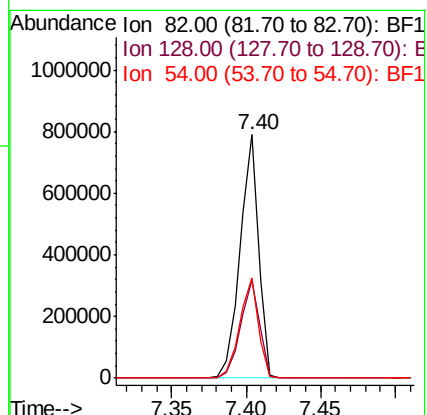
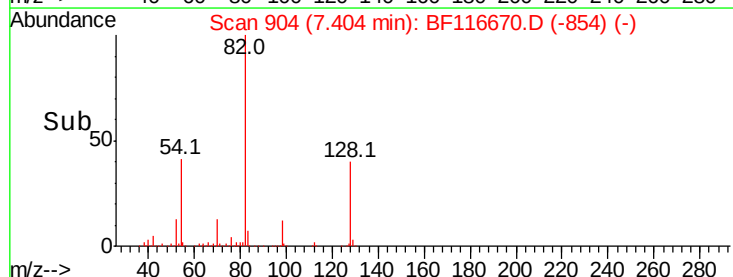
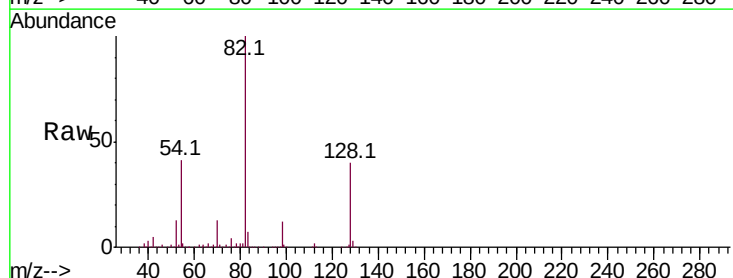
Tgt Ion: 82 Resp: 690308

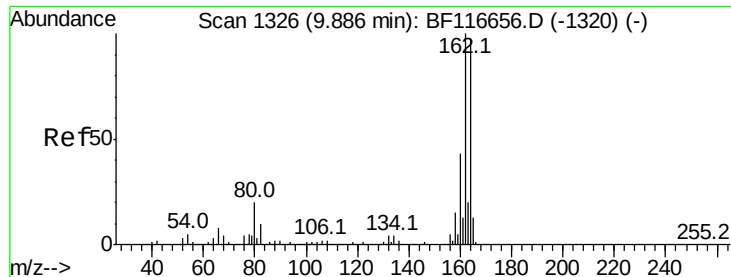
Ion Ratio Lower Upper

82 100

128 40.3 32.8 49.2

54 41.1 36.9 55.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampleId :

TP-10-D

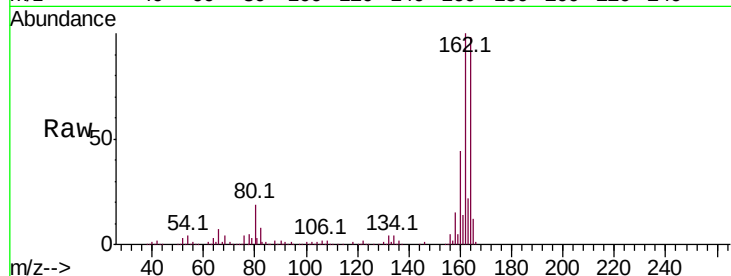
Tot Ion:164 Resp: 192072

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

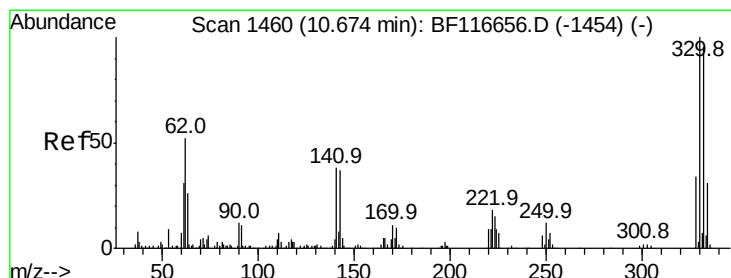
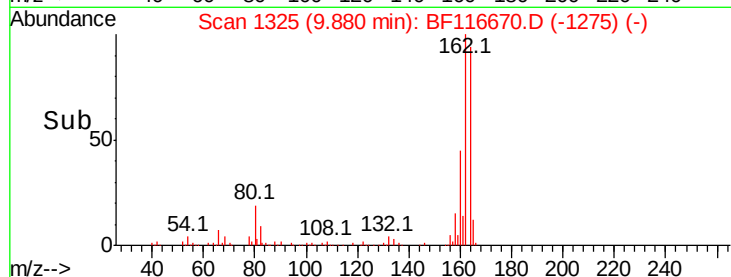
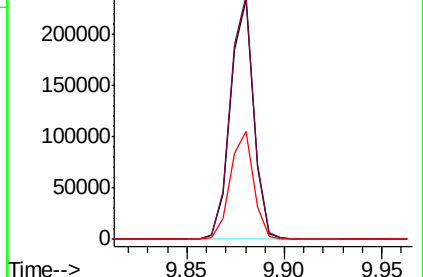
160 45.0 35.4 53.2



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: 158.704 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

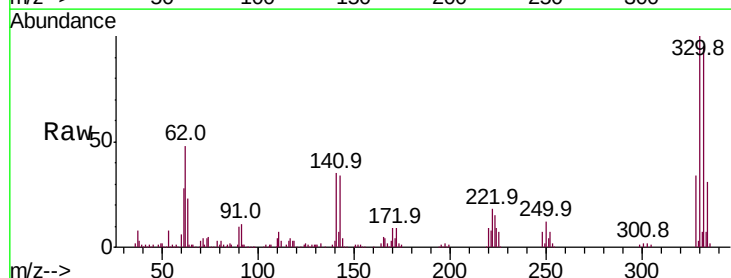
Tgt Ion:330 Resp: 203783

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

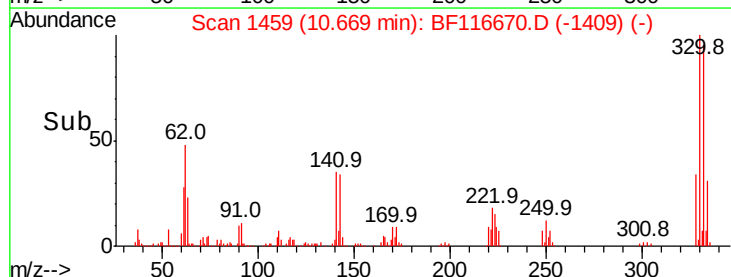
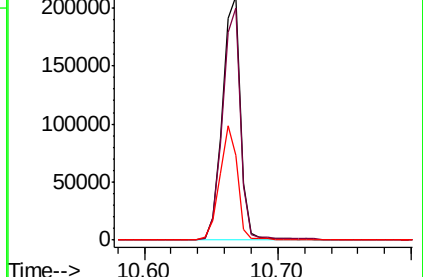
141 45.8 31.4 47.2

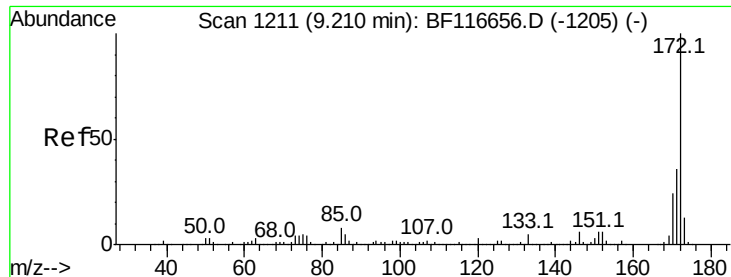


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

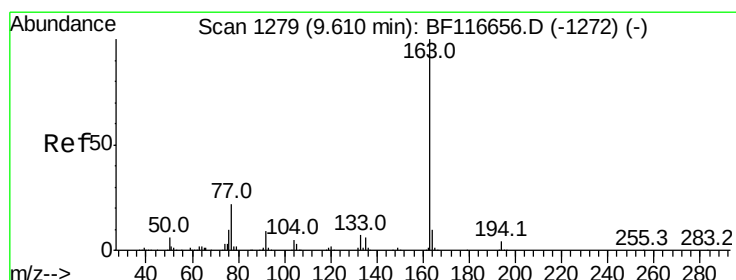
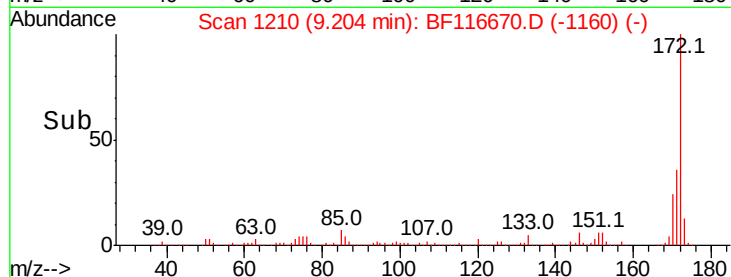
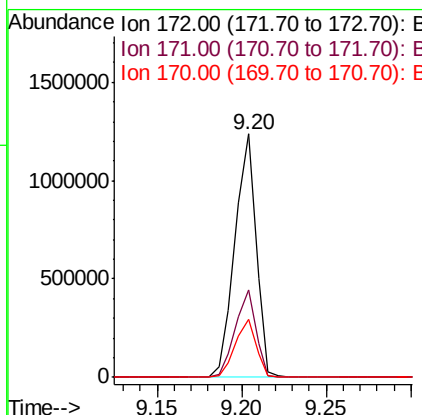
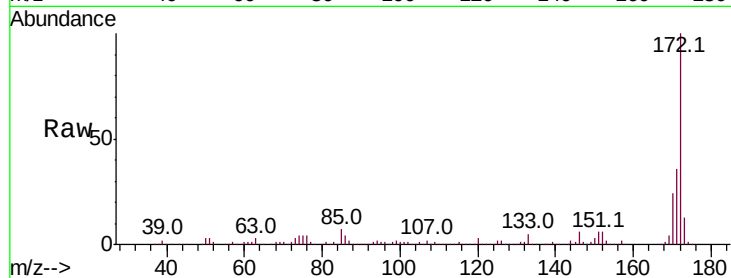




#45
2-Fluorobiphenyl
Concen: 94.980 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

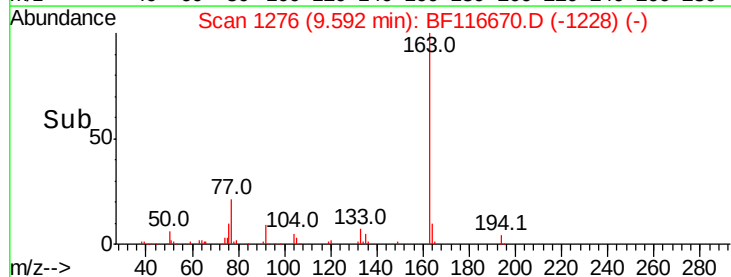
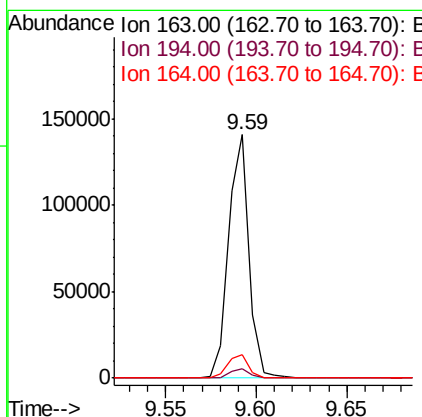
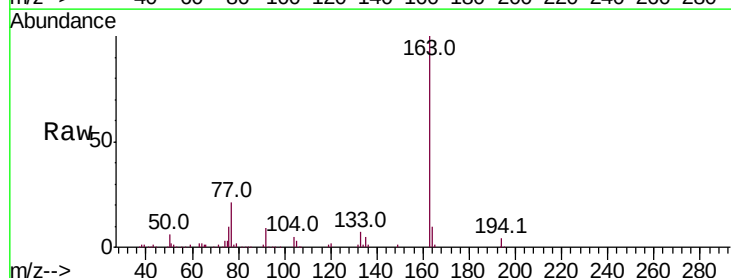
Instrument :
BNA_F
ClientSampleId :
TP-10-D

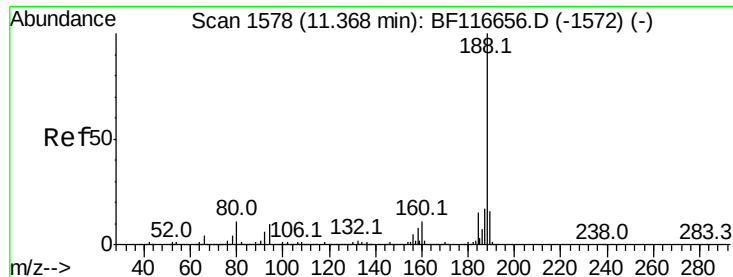
Tot Ion:172 Resp: 1081455
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.6
170 24.1 18.9 28.3



#50
Dimethylphthalate
Concen: 8.311 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Tgt Ion:163 Resp: 110212
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.7 8.6 12.8

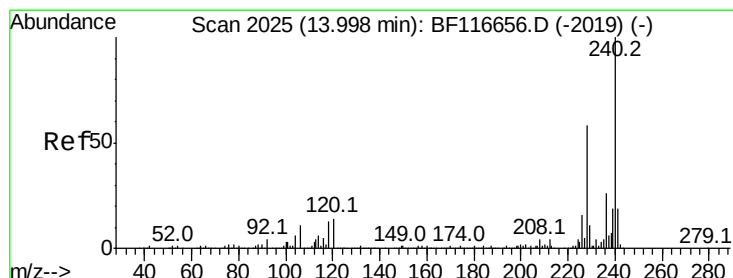
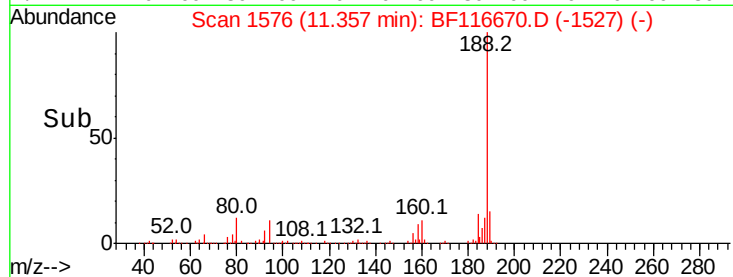
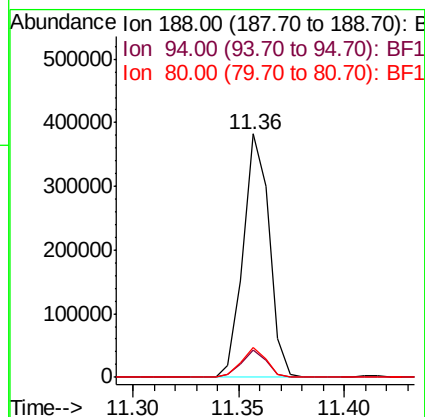
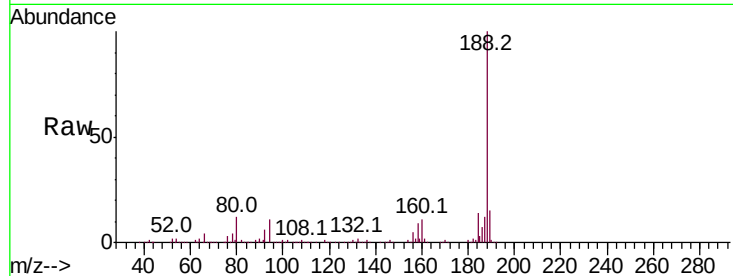




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

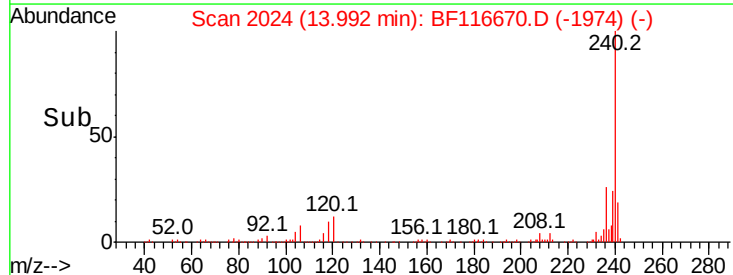
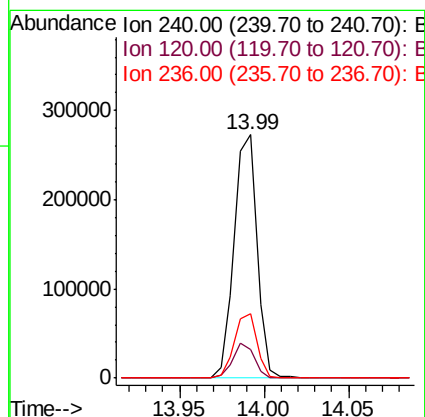
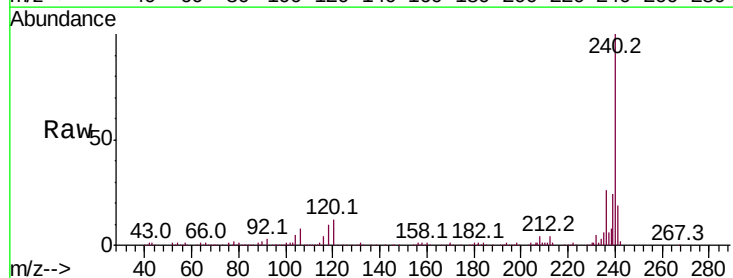
Instrument :
BNA_F
ClientSampled :
TP-10-D

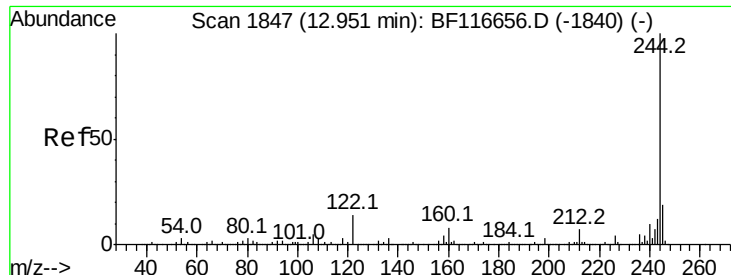
Tot Ion:188 Resp: 326242
Ion Ratio Lower Upper
188 100
94 11.2 7.3 10.9#
80 12.1 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Tgt Ion:240 Resp: 256934
Ion Ratio Lower Upper
240 100
120 11.8 9.1 13.7
236 26.4 21.1 31.7





#79

Terphenyl-d14

Concen: 76.129 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampled :

TP-10-D

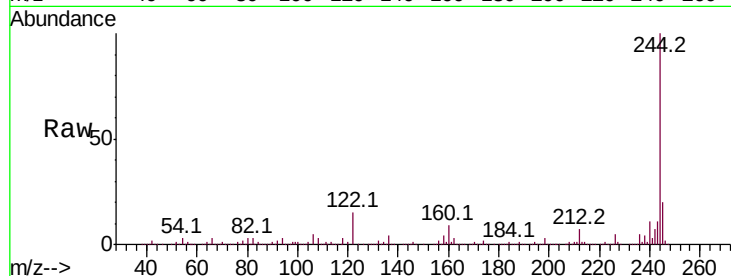
Tot Ion:244 Resp: 1057331

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

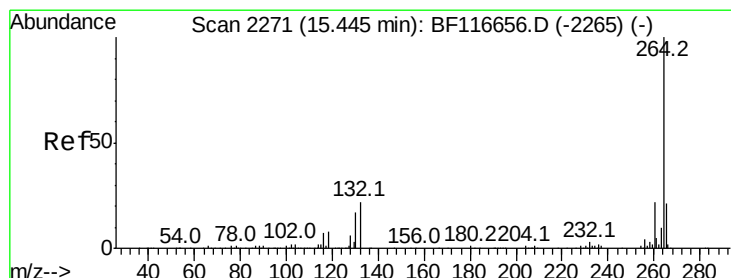
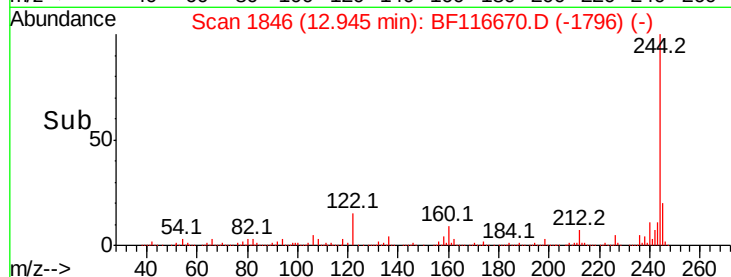
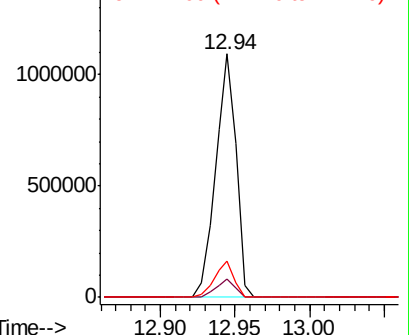
122 15.1 10.2 15.4



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# 2270

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

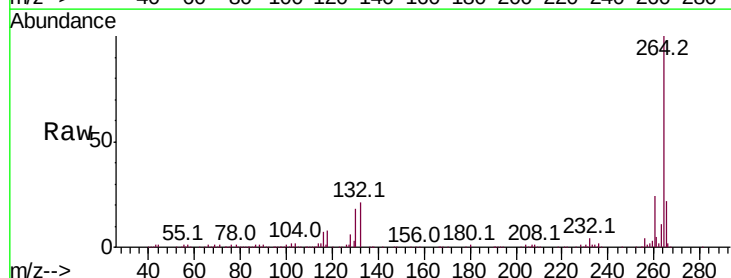
Tgt Ion:264 Resp: 256011

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.7 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

