

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117762.D
 Acq On : 12 Nov 2019 16:29
 Operator : JU
 Sample : K5789-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-S

Quant Time: Nov 13 01:24:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

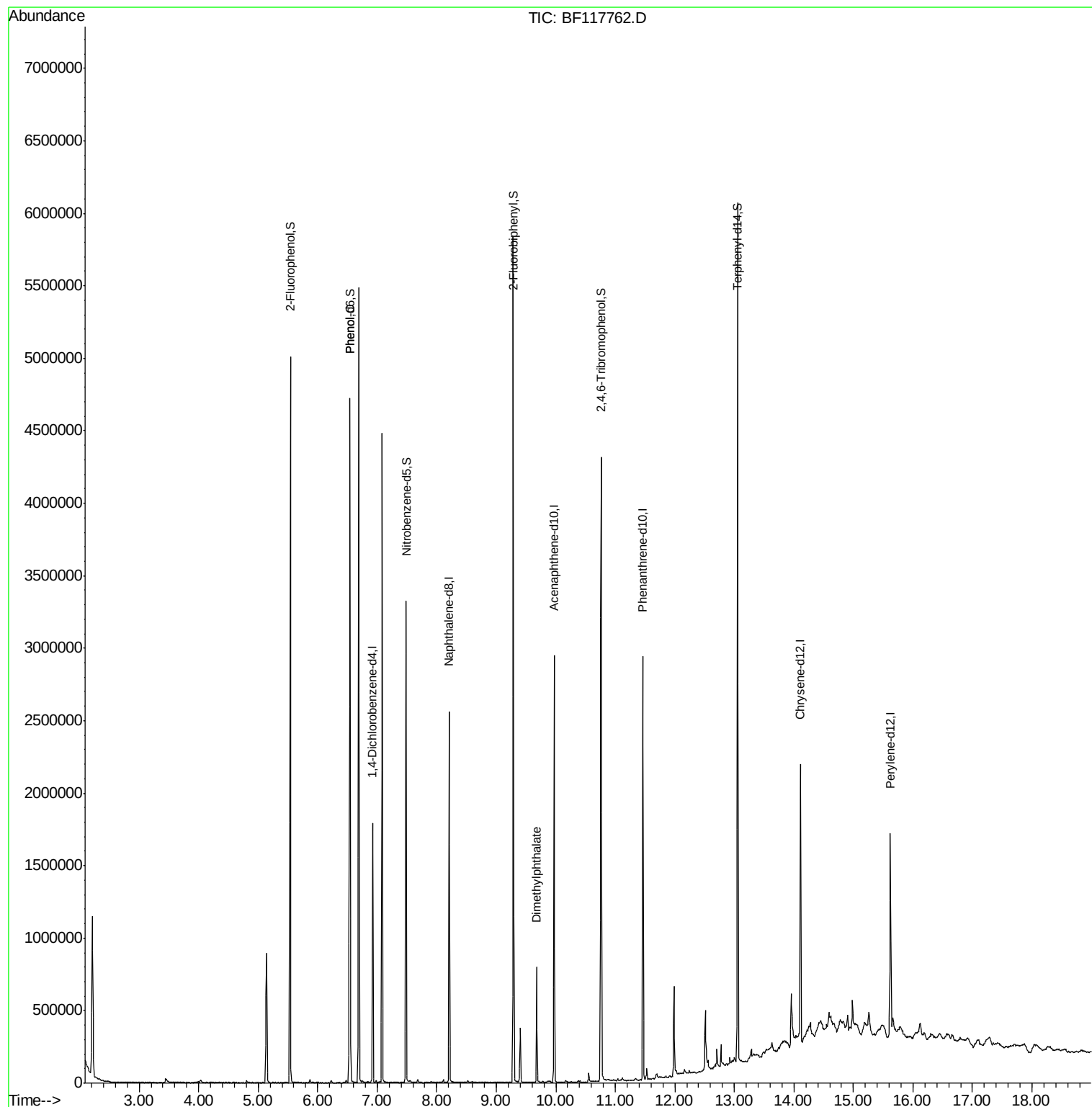
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	273027	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1072219	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	567173	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1043750	20.00	ng	0.00
76) Chrysene-d12	14.11	240	627041	20.00	ng	-0.01
87) Perylene-d12	15.62	264	687679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1351967	89.63	ng	0.00
7) Phenol-d6	6.55	99	1697270	91.26	ng	0.00
23) Nitrobenzene-d5	7.49	82	1039021	57.21	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	518157	93.39	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	1914729	66.61	ng	0.00
79) Terphenyl-d14	13.06	244	1966187	64.55	ng	0.00
Target Compounds						
10) Phenol	6.55	94	92464	4.614	ng	86
50) Dimethylphthalate	9.68	163	288835	7.533	ng	98

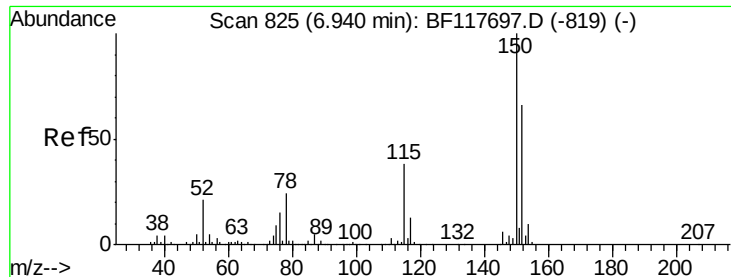
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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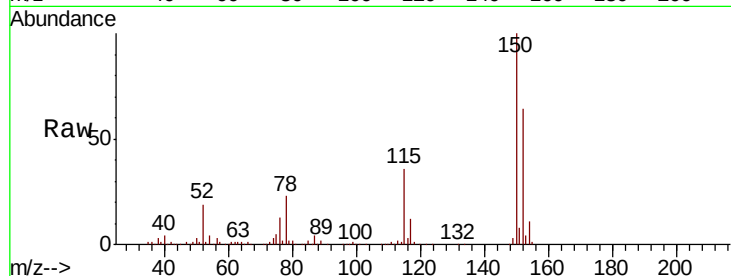


#1

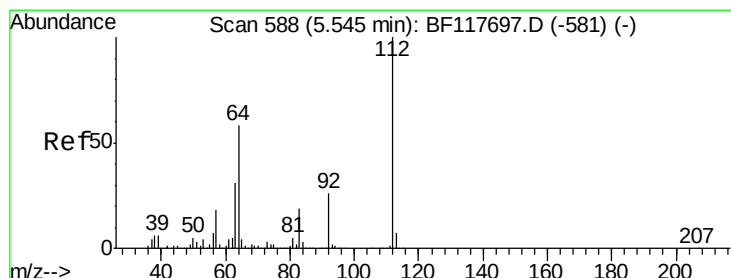
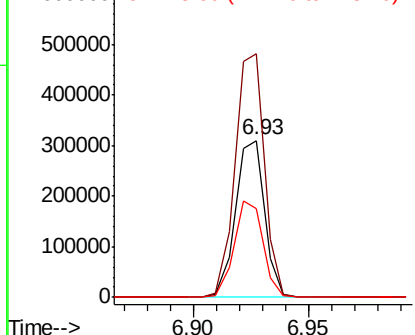
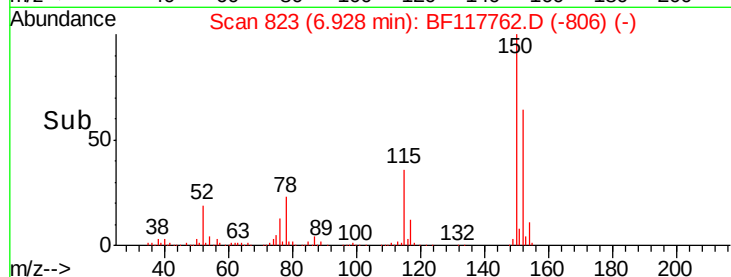
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

Instrument :
BNA_F
ClientSampleId :
TP-17-S

Tot Ion:152 Resp: 273027
Ion Ratio Lower Upper
152 100
150 155.1 126.6 190.0
115 56.5 47.6 71.4



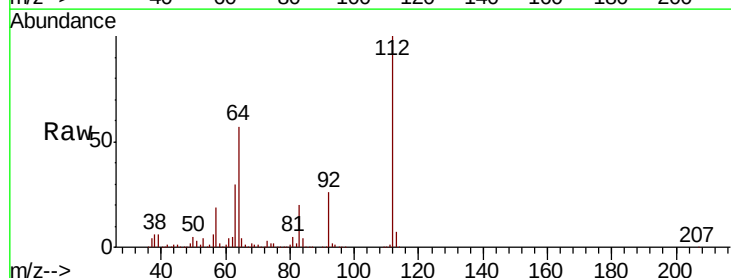
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



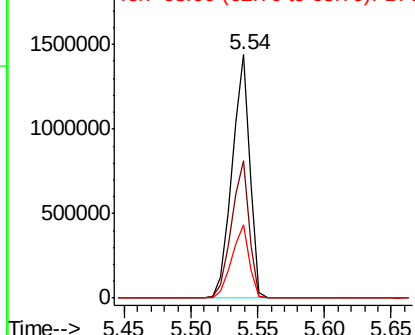
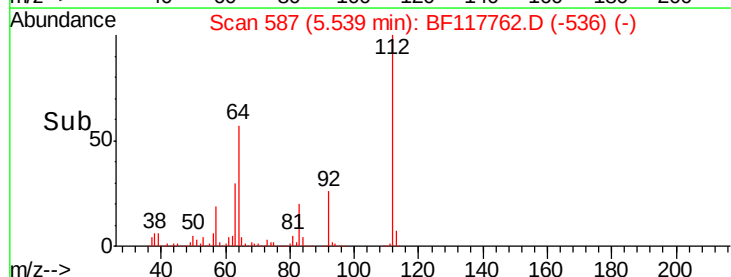
#5

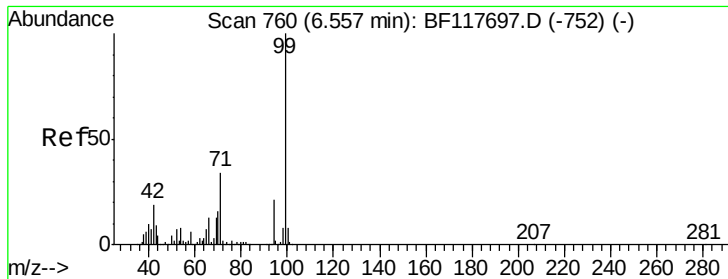
2-Fluorophenol
Concen: 89.635 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

Tgt Ion:112 Resp: 1351967
Ion Ratio Lower Upper
112 100
64 56.7 43.5 65.3
63 30.3 23.5 35.3



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: 91.261 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117762.D

Acq: 12 Nov 2019 16:29

Instrument :

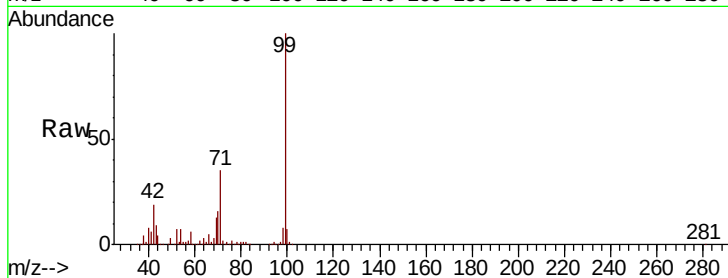
BNA_F

ClientSampleId :

TP-17-S

Tot Ion: 99 Resp: 1697270

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.3	22.9
71	35.3	28.2	42.2

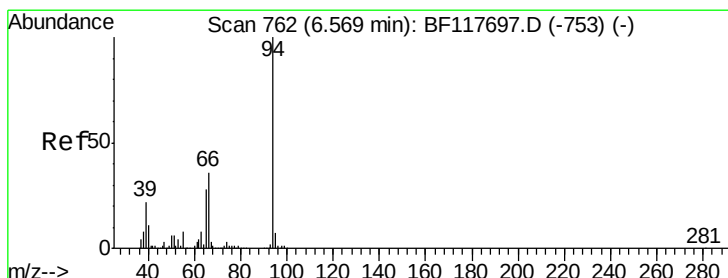
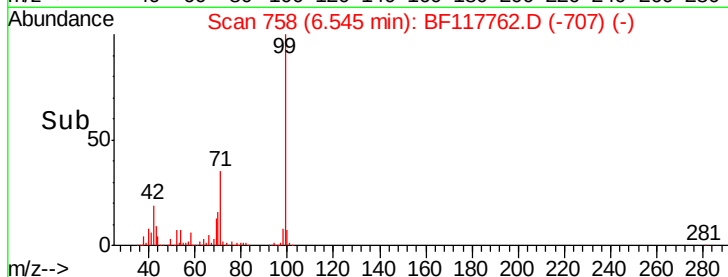
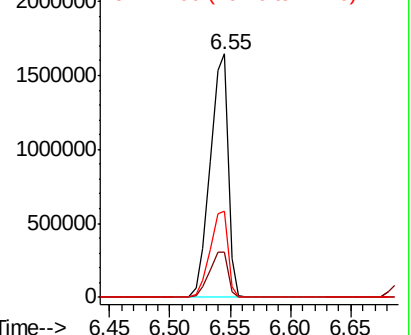


Abundance

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: 4.614 ng

RT: 6.55 min Scan# 759

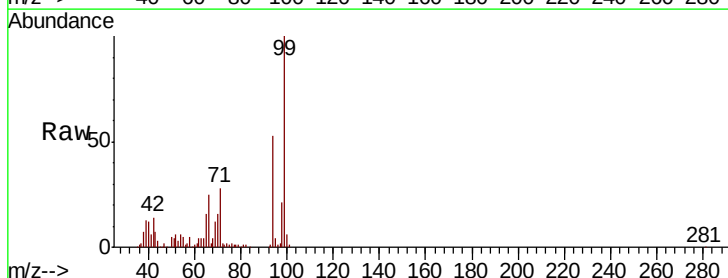
Delta R.T. -0.01 min

Lab File: BF117762.D

Acq: 12 Nov 2019 16:29

Tgt Ion: 94 Resp: 92464

Ion	Ratio	Lower	Upper
94	100		
65	30.5	6.4	46.4
66	46.0	14.9	54.9

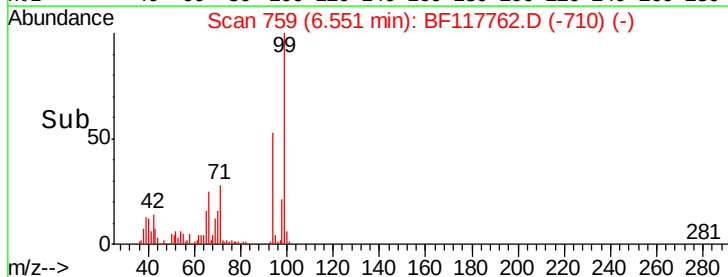
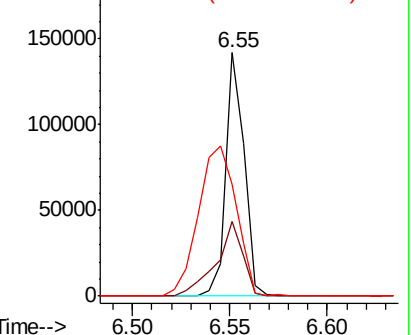


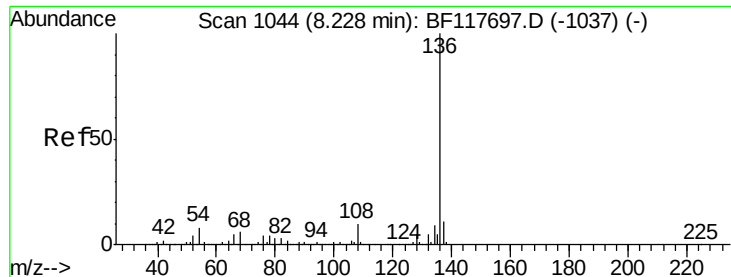
Abundance

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



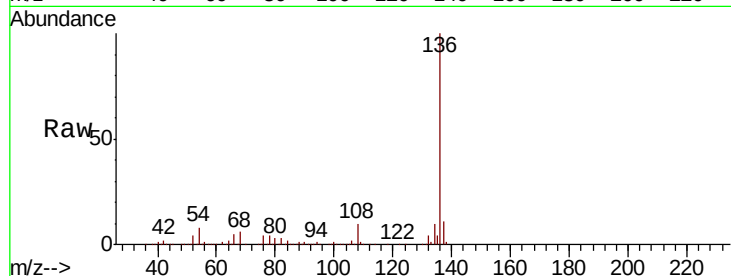


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

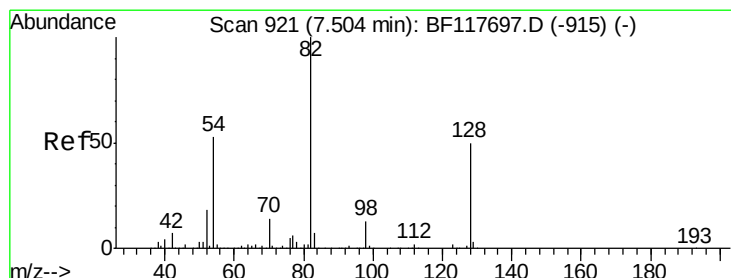
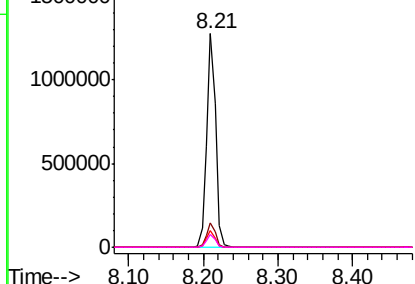
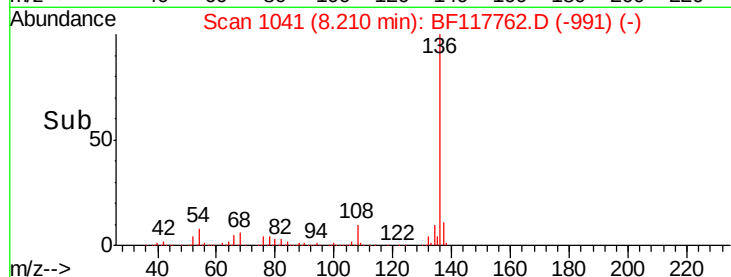
Instrument :
BNA_F
ClientSampleId :
TP-17-S

Tot Ion:136 Resp: 1072219

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	7.6	6.1	9.1
68	5.8	4.6	7.0



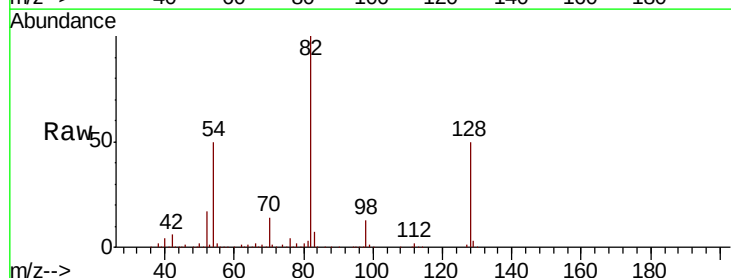
Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



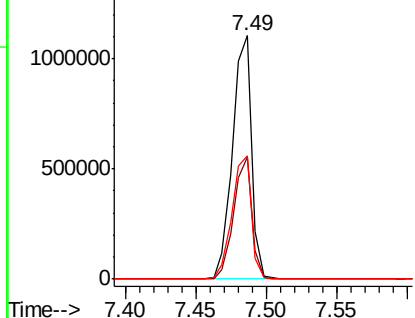
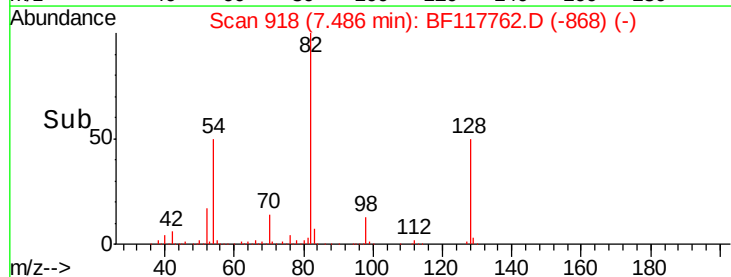
#23
Nitrobenzene-d5
Concen: 57.211 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

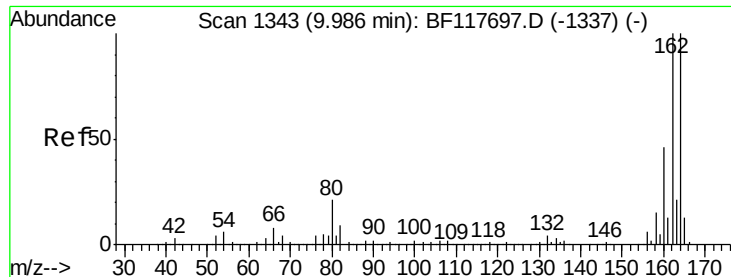
Tgt Ion: 82 Resp: 1039021

Ion	Ratio	Lower	Upper
82	100		
128	50.0	38.7	58.1
54	50.5	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF117762.D

Acq: 12 Nov 2019 16:29

Instrument :

BNA_F

ClientSampleId :

TP-17-S

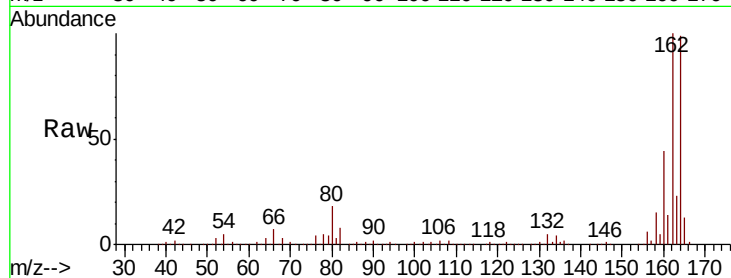
Tot Ion:164 Resp: 567173

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

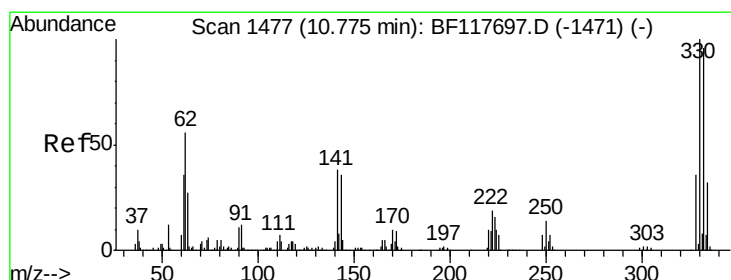
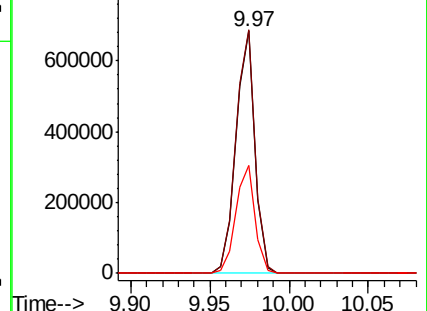
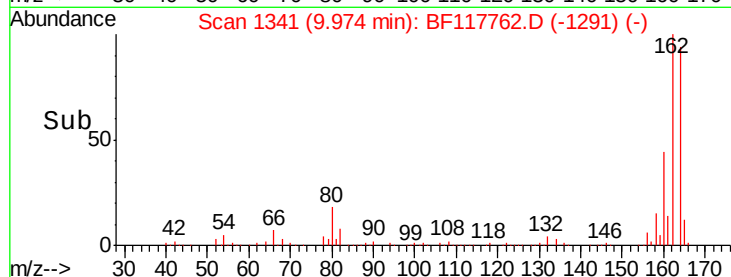
160 44.7 36.3 54.5



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: 93.391 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117762.D

Acq: 12 Nov 2019 16:29

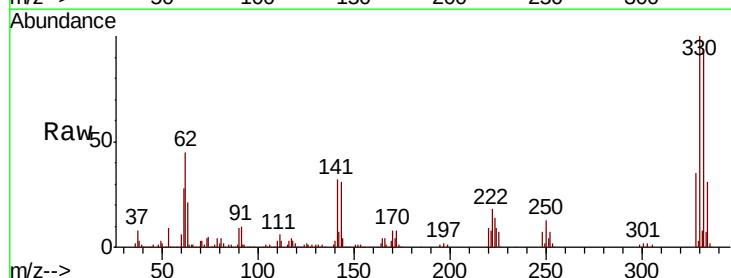
Tgt Ion:330 Resp: 518157

Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

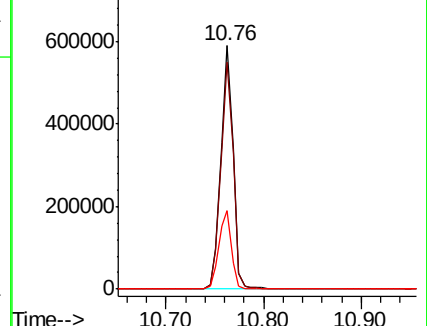
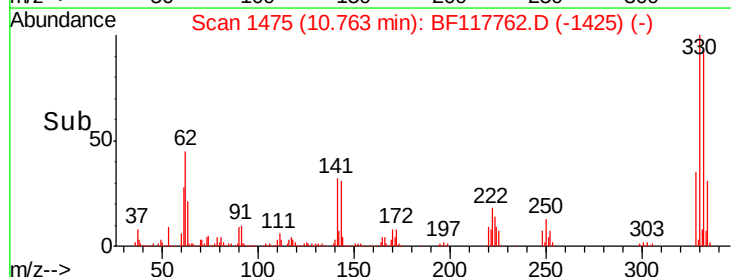
141 33.3 26.5 39.7

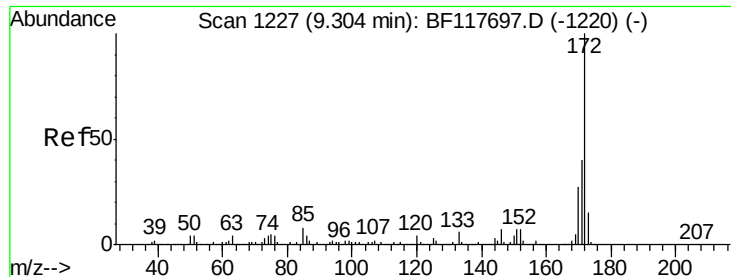


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

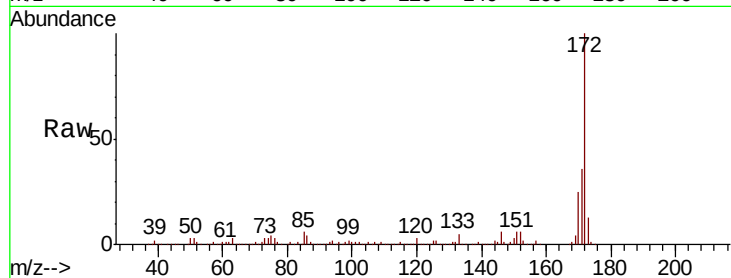




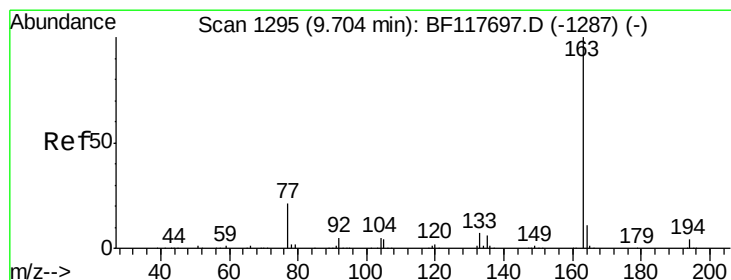
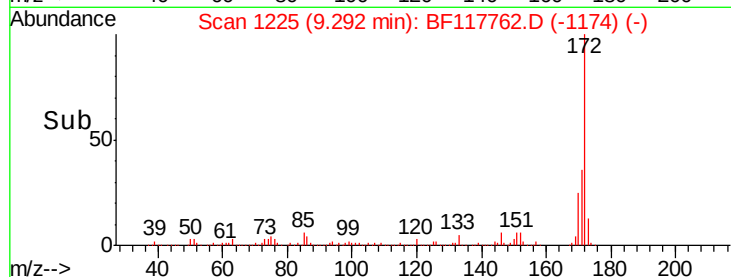
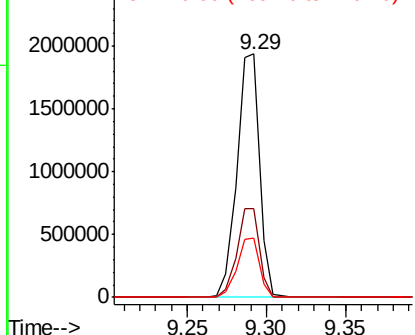
#45
2-Fluorobiphenyl
Concen: 66.607 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

Instrument :
BNA_F
ClientSampleId :
TP-17-S

Tot Ion:172 Resp: 1914729
Ion Ratio Lower Upper
172 100
171 36.5 30.7 46.1
170 24.6 20.6 30.8

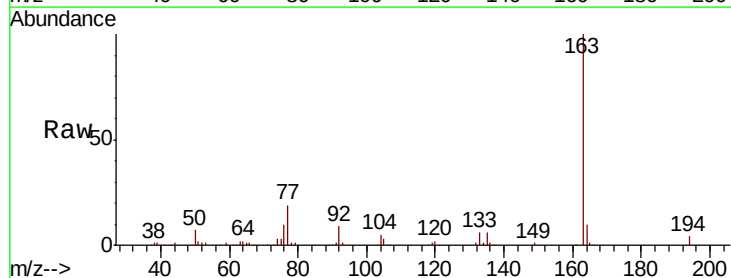


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

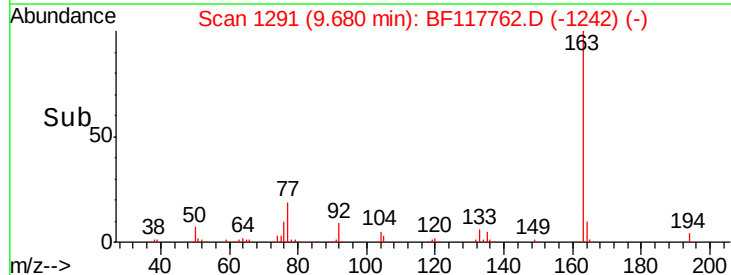
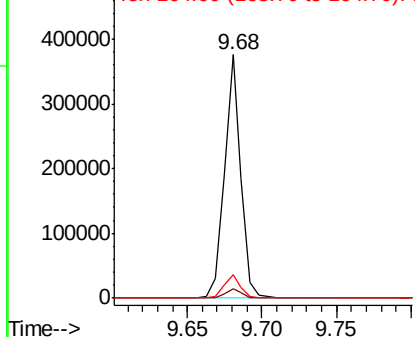


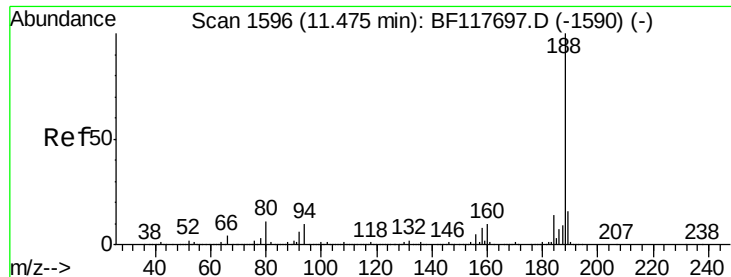
#50
Dimethylphthalate
Concen: 7.533 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

Tgt Ion:163 Resp: 288835
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.6 8.6 13.0



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

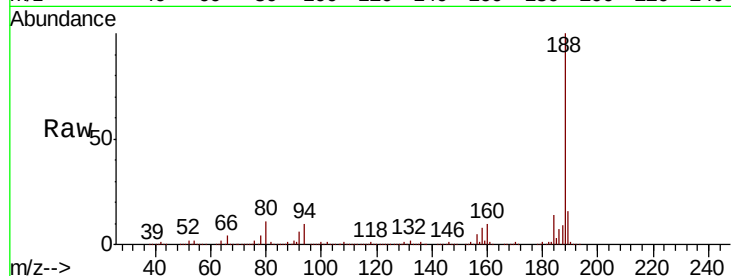




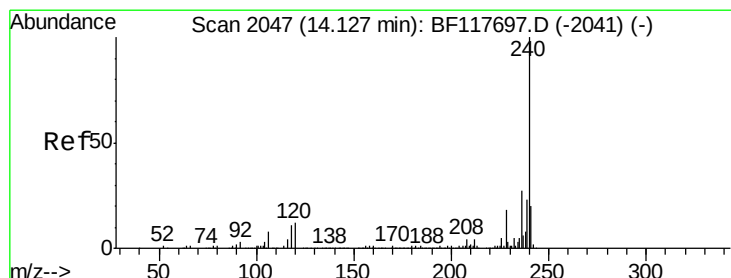
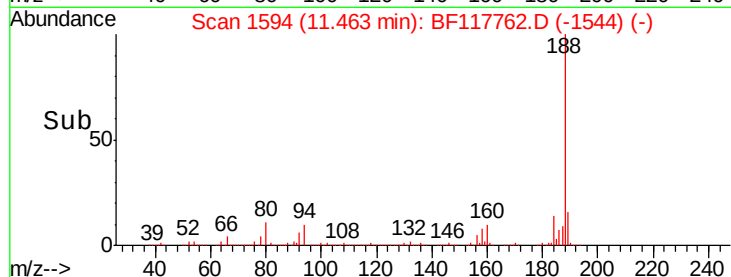
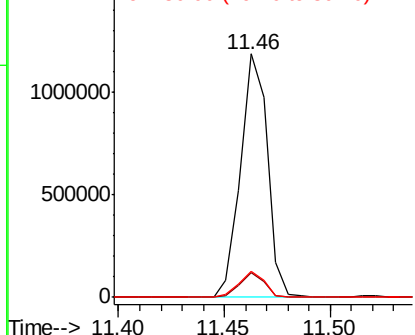
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

Instrument :
BNA_F
ClientSampleId :
TP-17-S

Tot Ion:188 Resp: 1043750
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.7 8.1 12.1

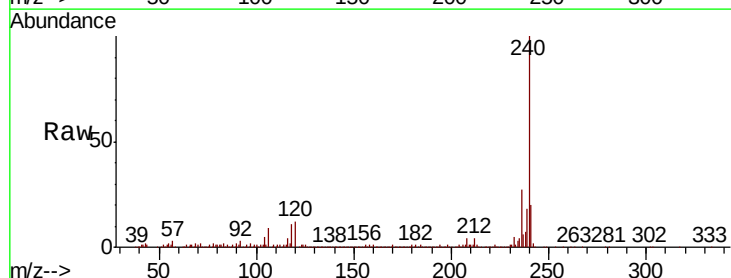


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

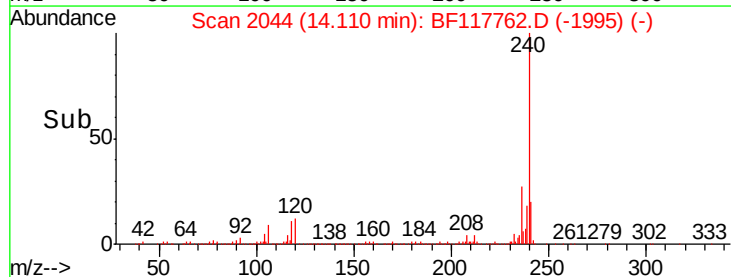
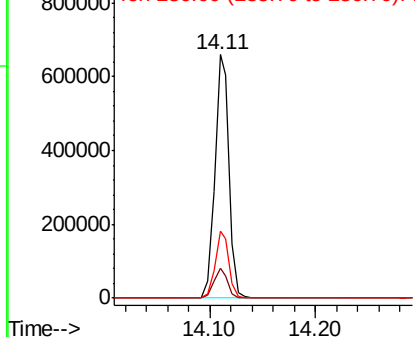


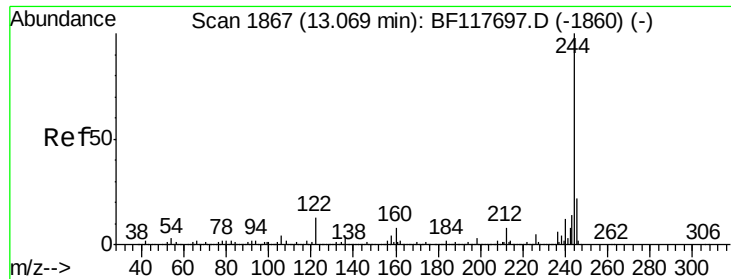
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

Tgt Ion:240 Resp: 627041
Ion Ratio Lower Upper
240 100
120 12.3 9.3 13.9
236 27.3 21.4 32.0



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: 64.550 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF117762.D

Acq: 12 Nov 2019 16:29

Instrument :

BNA_F

ClientSampleId :

TP-17-S

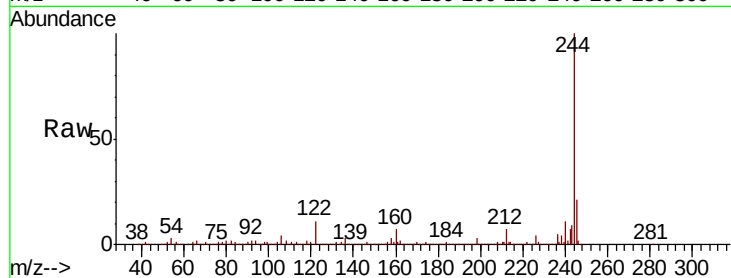
Tot Ion:244 Resp: 1966187

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.4

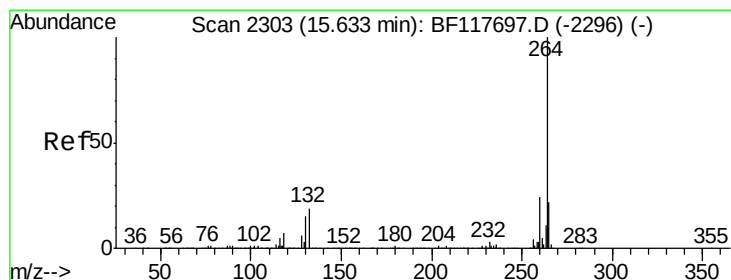
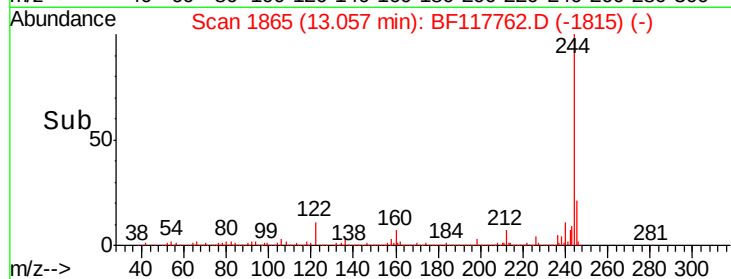
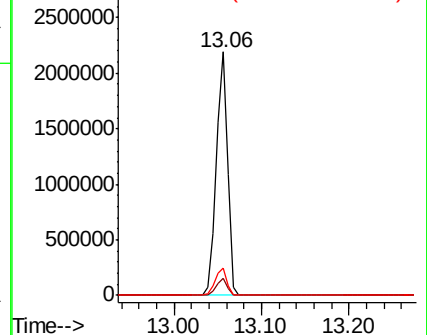
122 11.1 9.1 13.7



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: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BF117762.D

Acq: 12 Nov 2019 16:29

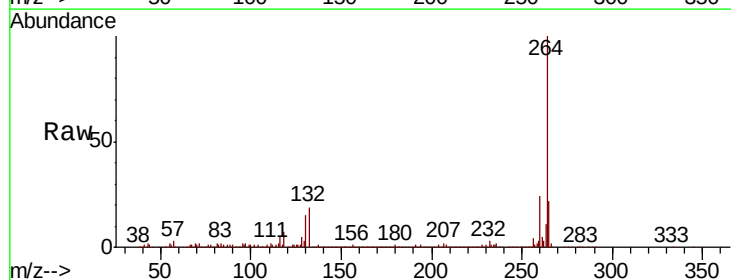
Tgt Ion:264 Resp: 687679

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 22.1 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

