

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
 Data File : BP001071.D
 Acq On : 19 Nov 2019 01:41
 Operator : JU
 Sample : K5865-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 4-(6-8)

Quant Time: Nov 19 05:01:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

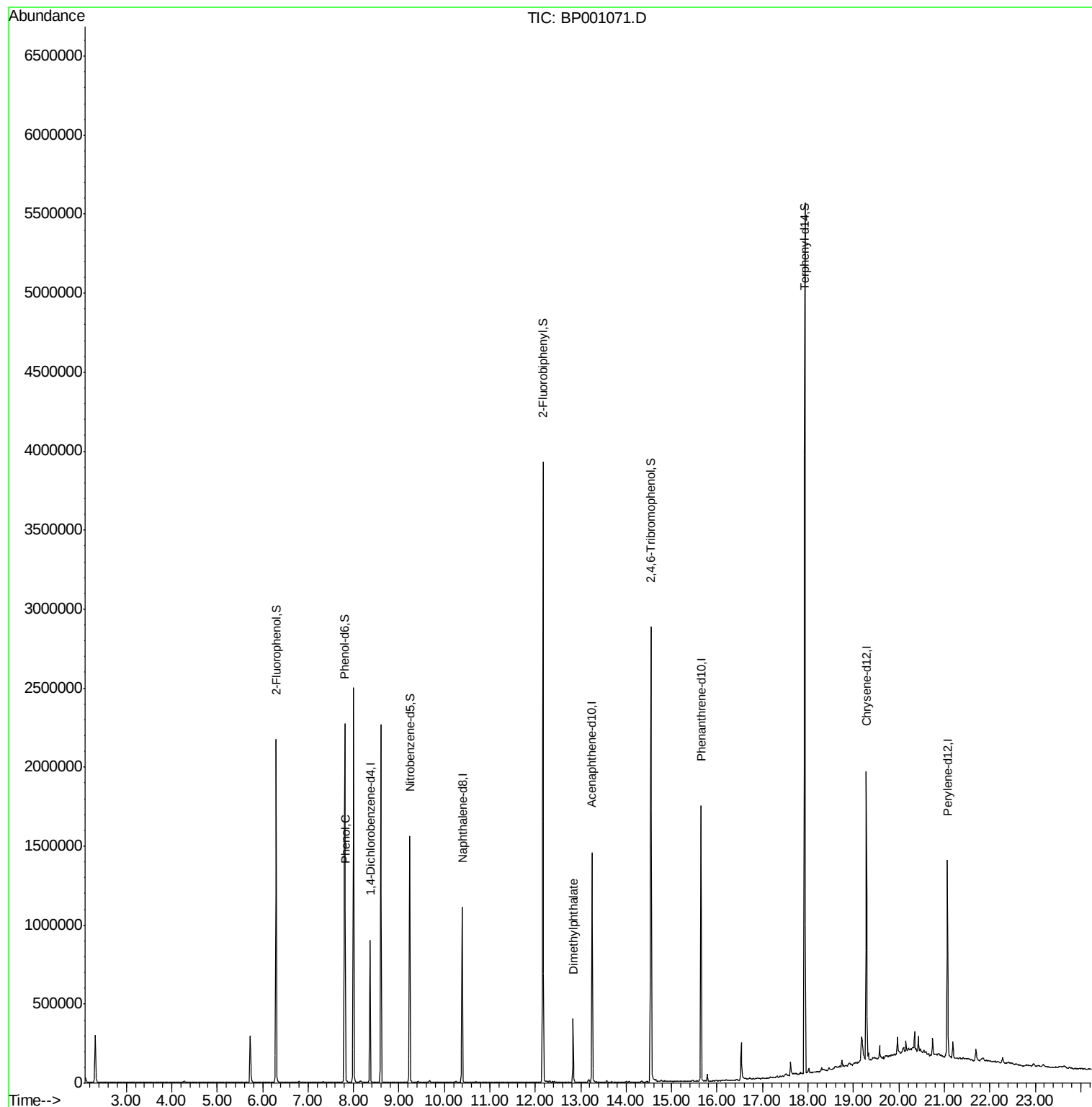
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	168668	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	635357	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	392129	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	829092	20.00	ng	-0.01
76) Chrysene-d12	19.29	240	696494	20.00	ng	-0.01
87) Perylene-d12	21.07	264	681780	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	783158	84.51	ng	0.00
7) Phenol-d6	7.81	99	1044999	89.18	ng	0.00
23) Nitrobenzene-d5	9.24	82	657805	57.27	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	503486	107.56	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	1543757	59.29	ng	-0.02
79) Terphenyl-d14	17.93	244	2292279	65.47	ng	-0.01
Target Compounds						
10) Phenol	7.82	94	77921	6.079	ng	88
50) Dimethylphthalate	12.83	163	197295	6.804	ng	99

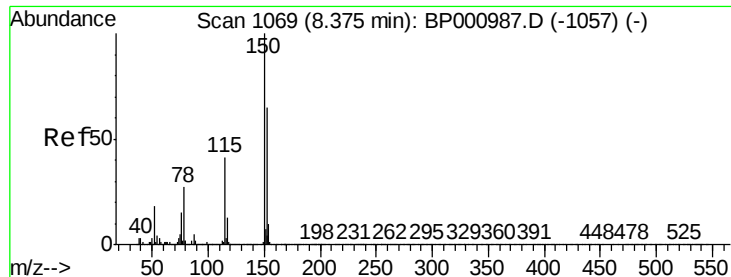
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BP001071.D

Acq: 19 Nov 2019 01:41

Instrument :

BNA_P

ClientSampleId :

4-(6-8)

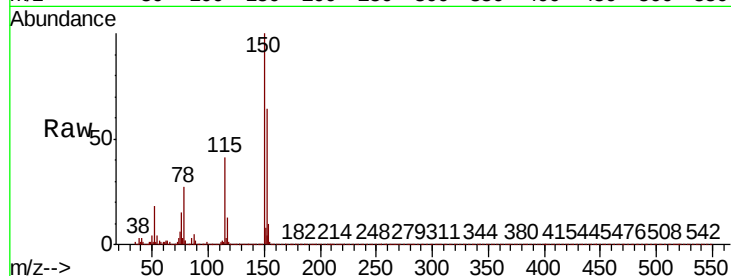
Tot Ion:152 Resp: 168668

Ion Ratio Lower Upper

152 100

150 156.5 123.6 185.4

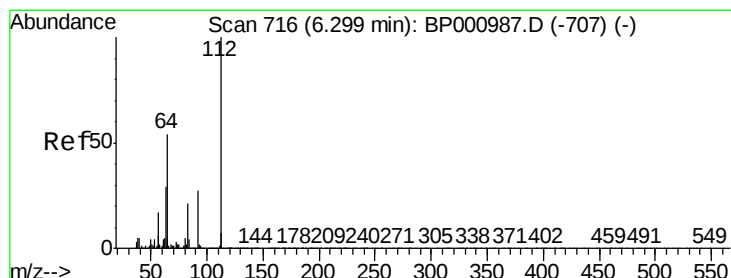
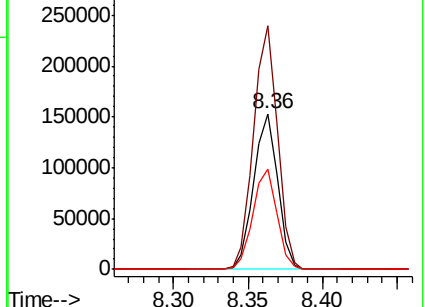
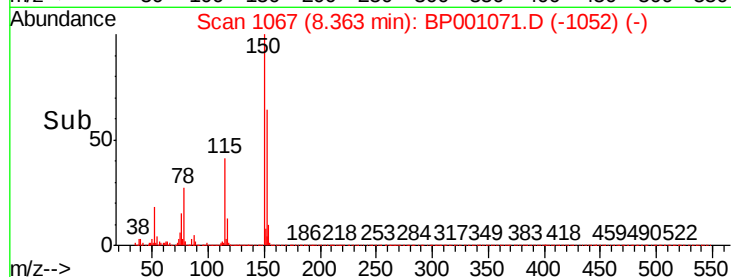
115 64.2 50.1 75.1



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: 84.514 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BP001071.D

Acq: 19 Nov 2019 01:41

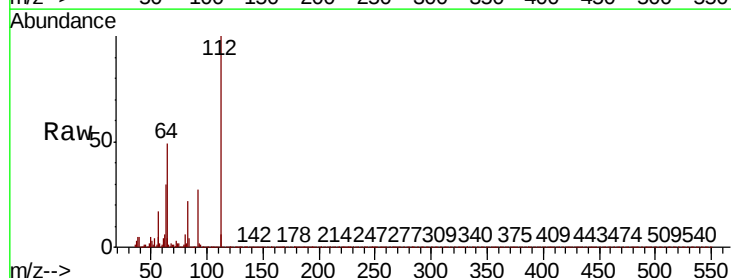
Tgt Ion:112 Resp: 783158

Ion Ratio Lower Upper

112 100

64 49.3 43.4 65.0

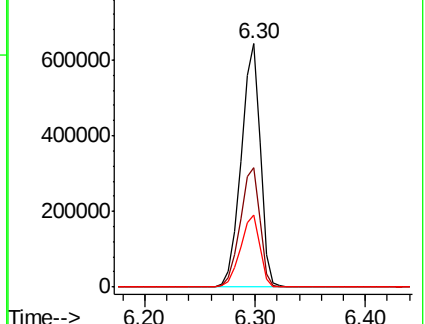
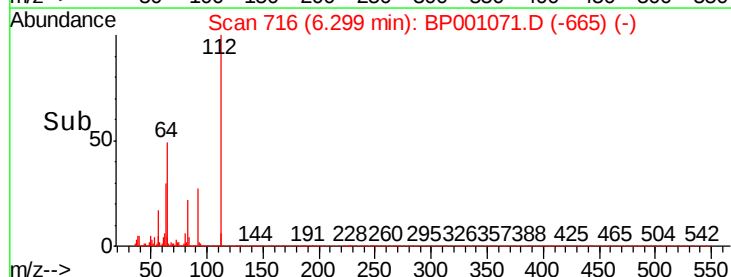
63 29.7 23.4 35.0

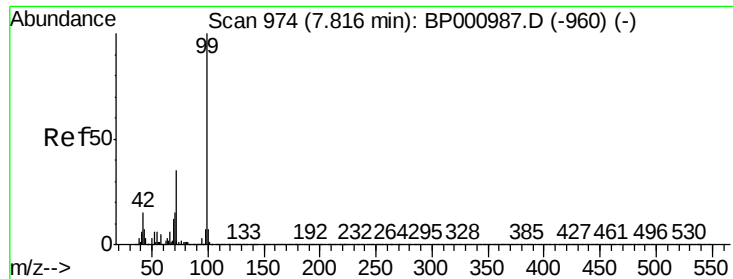


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 89.178 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001071.D

Acq: 19 Nov 2019 01:41

Instrument :

BNA_P

ClientSampleId :

4-(6-8)

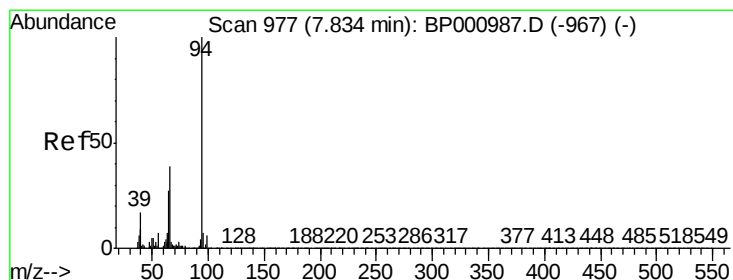
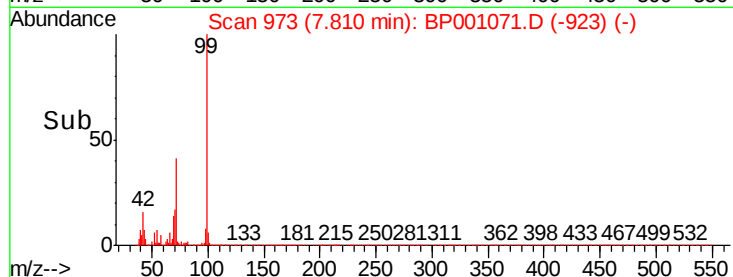
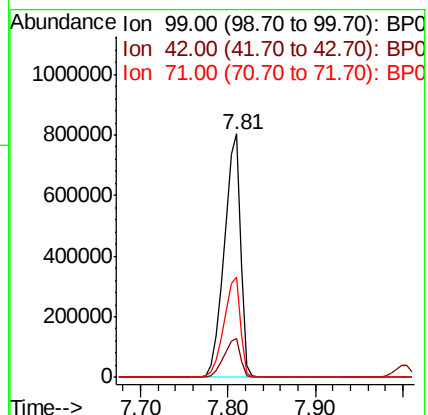
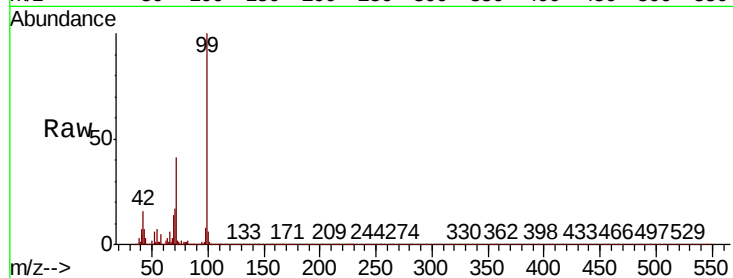
Tot Ion: 99 Resp: 1044999

Ion Ratio Lower Upper

99 100

42 15.7 11.6 17.4

71 41.2 28.0 42.0



#10

Phenol

Concen: 6.079 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BP001071.D

Acq: 19 Nov 2019 01:41

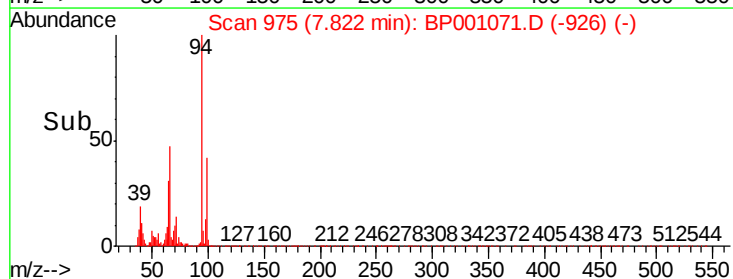
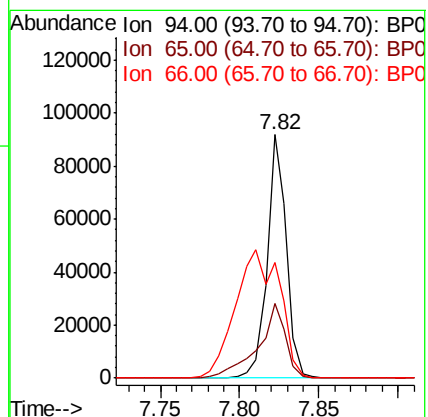
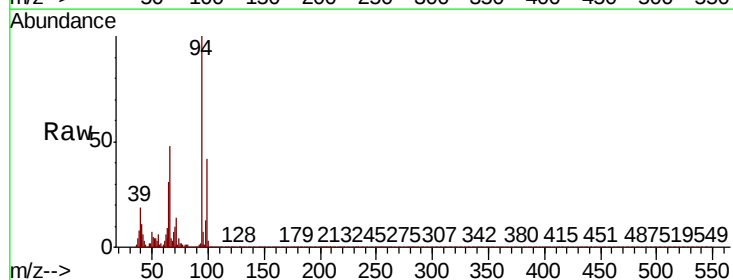
Tgt Ion: 94 Resp: 77921

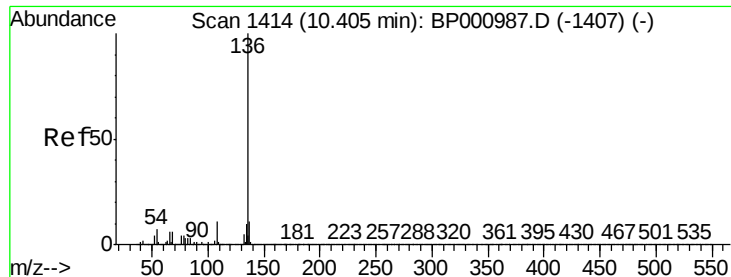
Ion Ratio Lower Upper

94 100

65 30.5 6.7 46.7

66 47.5 18.6 58.6

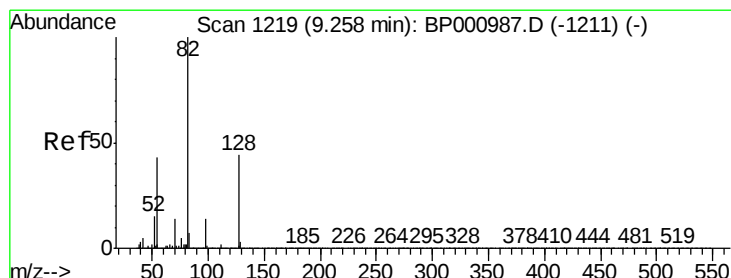
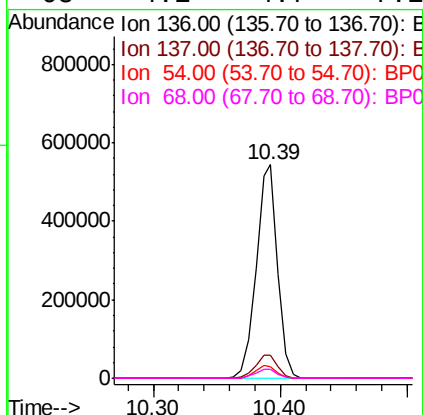
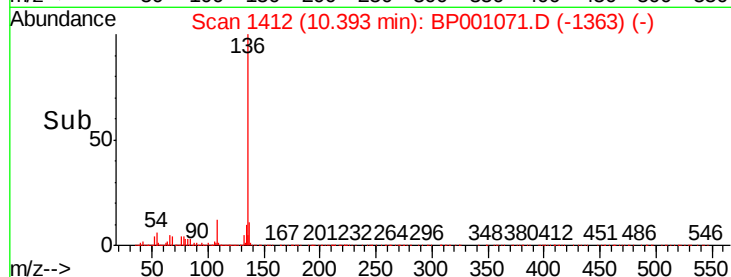
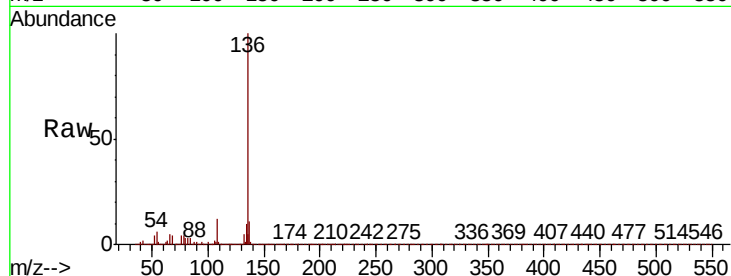




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001071.D
Acq: 19 Nov 2019 01:41

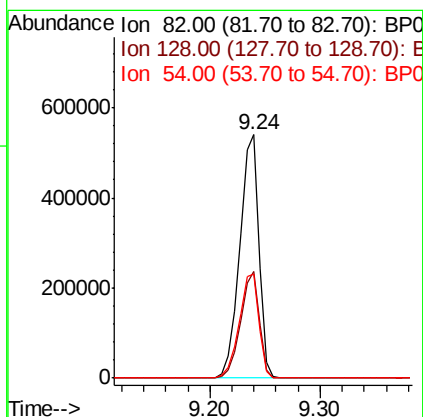
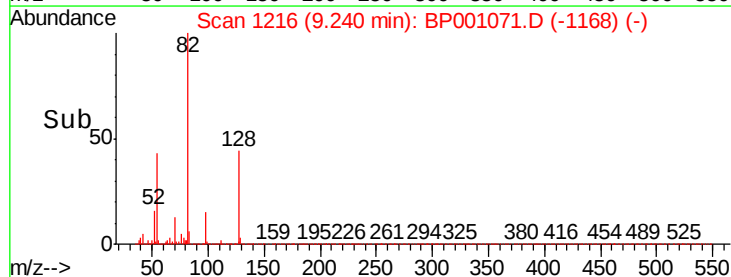
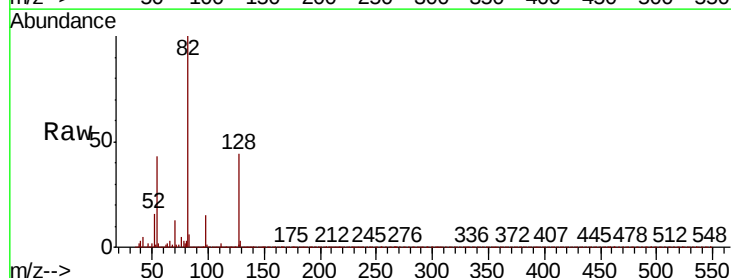
Instrument :
BNA_P
ClientSampleId :
4-(6-8)

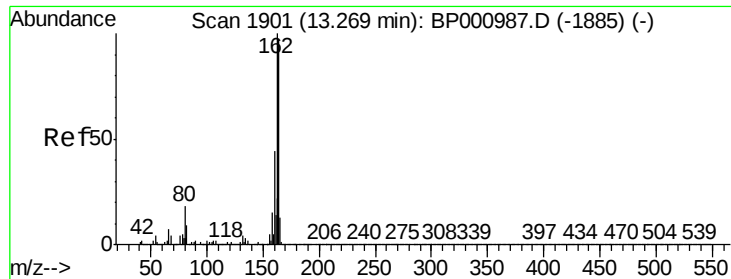
Tot Ion:136	Resp:	635357
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.6
54	5.5	5.4 8.2
68	4.1	4.7 7.1#



#23
Nitrobenzene-d5
Concen: 57.271 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001071.D
Acq: 19 Nov 2019 01:41

Tgt Ion: 82	Resp:	657805
Ion Ratio	Lower	Upper
82	100	
128	43.9	35.3 52.9
54	43.0	34.3 51.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BP001071.D

Acq: 19 Nov 2019 01:41

Instrument :

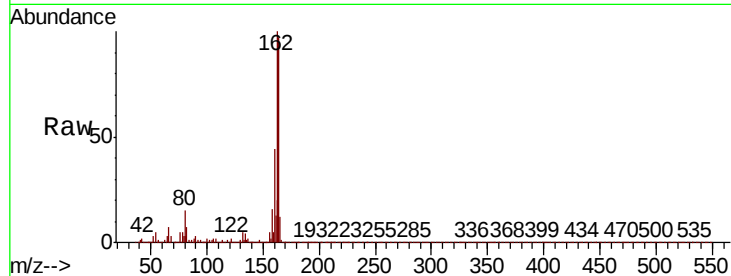
BNA_P

ClientSampleId :

4-(6-8)

Tot Ion:164 Resp: 392129

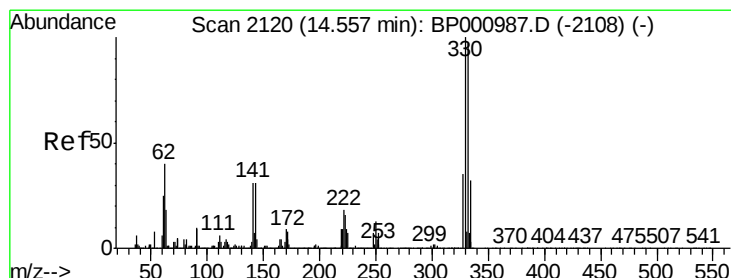
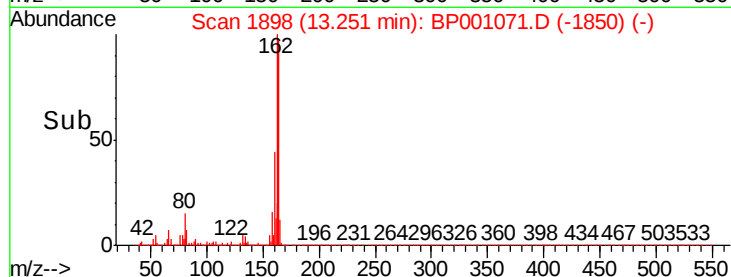
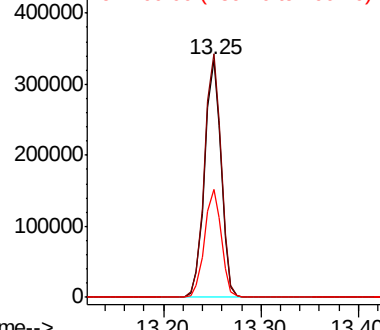
Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	45.3	36.5	54.7



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: 107.557 ng

RT: 14.55 min Scan# 2118

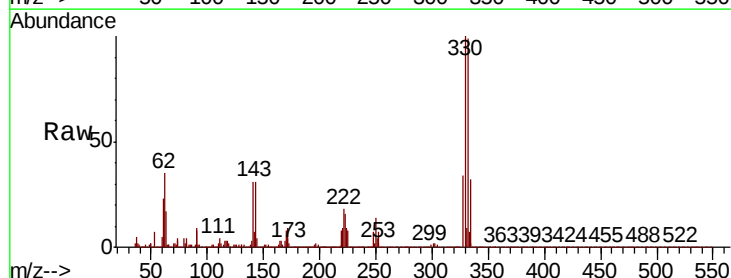
Delta R.T. -0.01 min

Lab File: BP001071.D

Acq: 19 Nov 2019 01:41

Tgt Ion:330 Resp: 503486

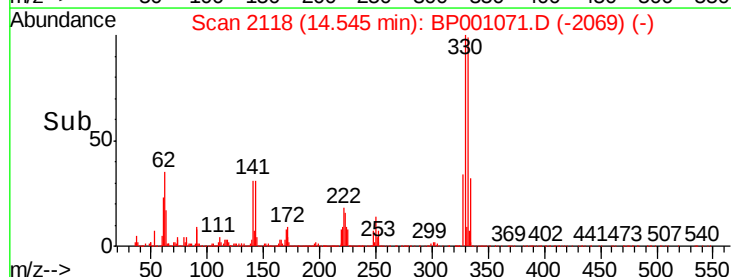
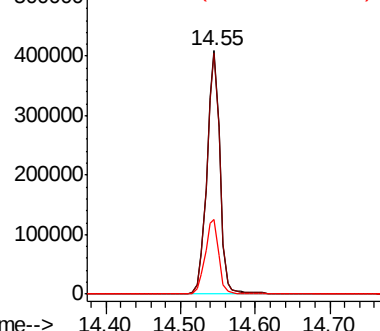
Ion	Ratio	Lower	Upper
330	100		
332	99.5	78.3	117.5
141	32.3	25.0	37.4

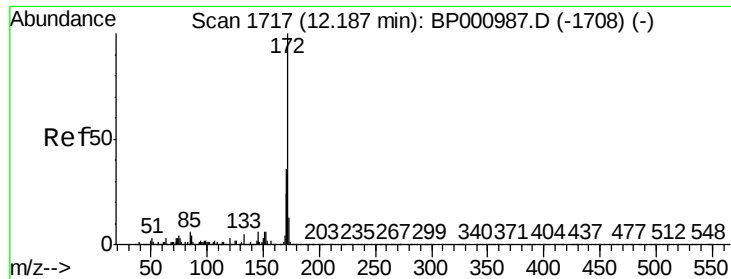


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

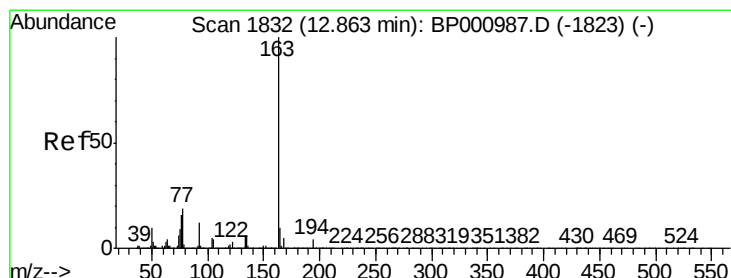
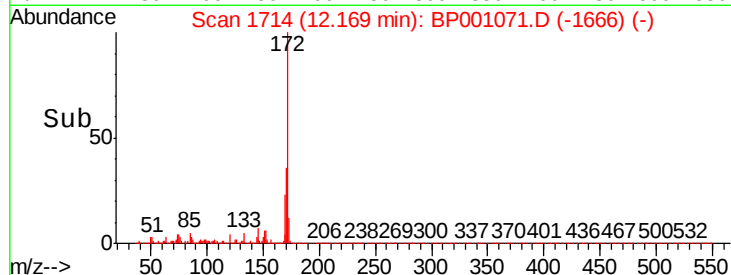
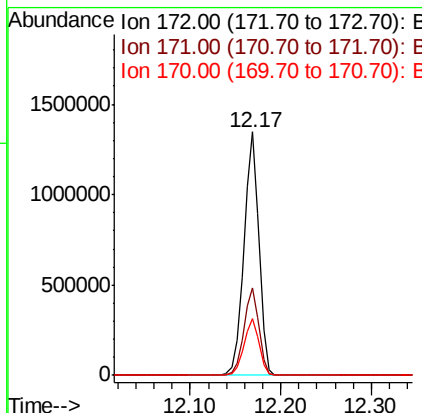
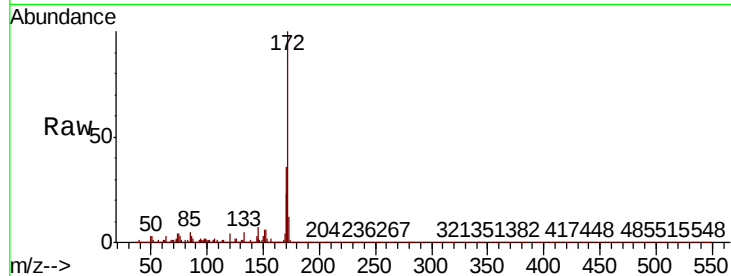




#45
2-Fluorobiphenyl
Concen: 59.293 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001071.D
Acq: 19 Nov 2019 01:41

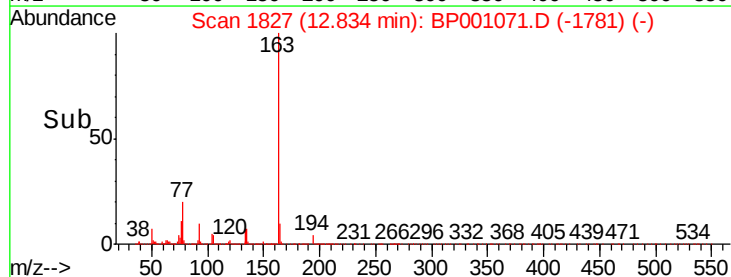
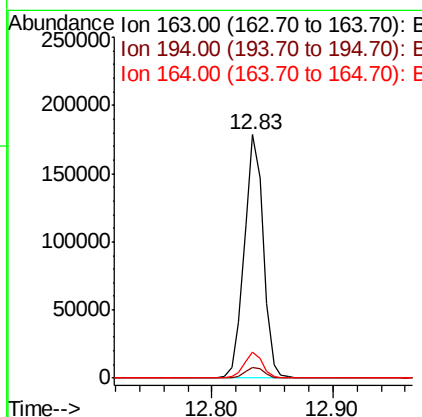
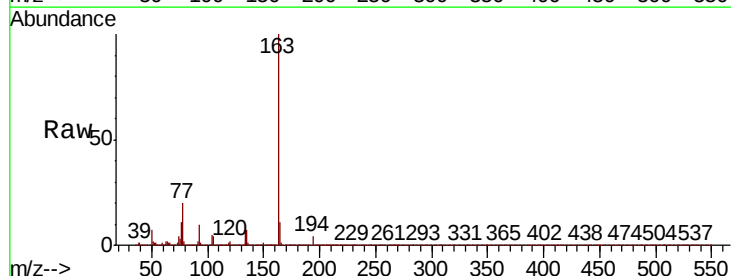
Instrument :
BNA_P
ClientSampleId :
4-(6-8)

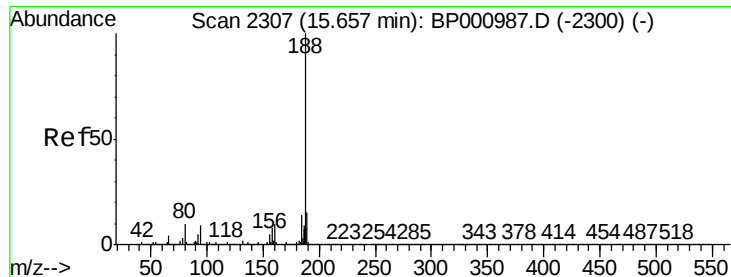
Tot Ion:172 Resp: 1543757
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.4 18.9 28.3



#50
Dimethylphthalate
Concen: 6.804 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001071.D
Acq: 19 Nov 2019 01:41

Tgt Ion:163 Resp: 197295
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.5 7.9 11.9

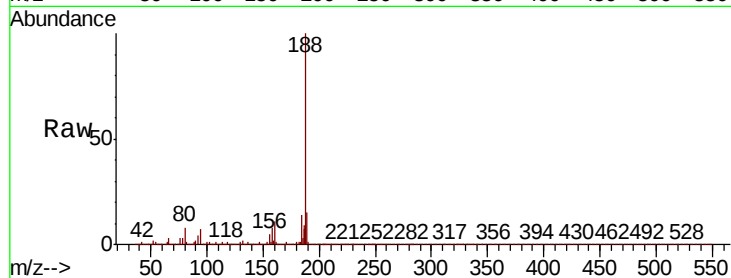




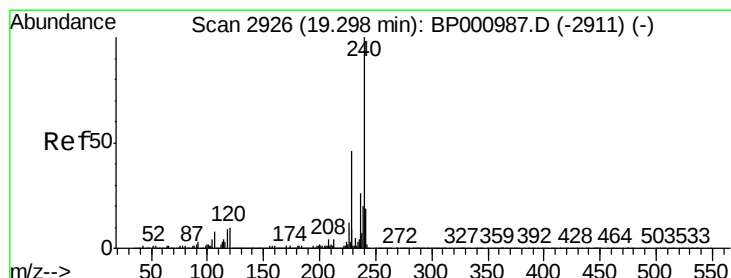
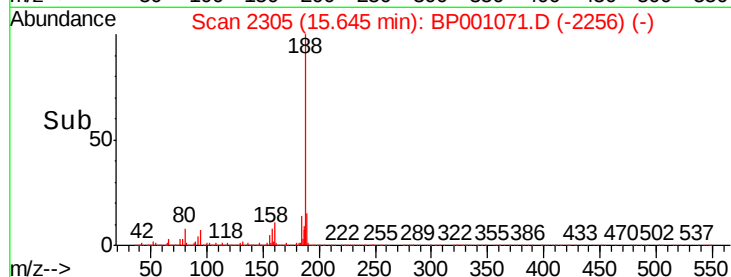
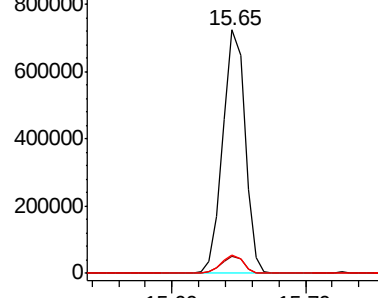
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP001071.D
Acq: 19 Nov 2019 01:41

Instrument :
BNA_P
ClientSampleId :
4-(6-8)

Tot Ion:188 Resp: 829092
Ion Ratio Lower Upper
188 100
94 7.2 7.4 11.2#
80 7.8 7.9 11.9#

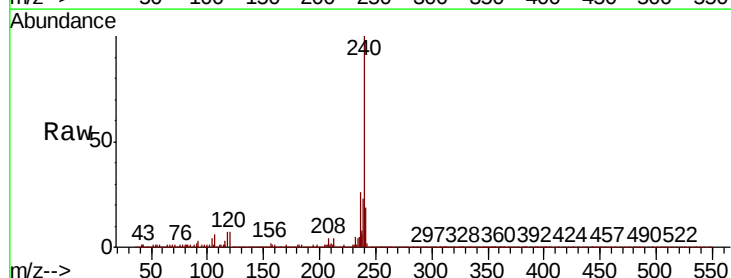


Abundance Ion 188.00 (187.70 to 188.70): E
1000000
Ion 94.00 (93.70 to 94.70): BPO
Ion 80.00 (79.70 to 80.70): BPO

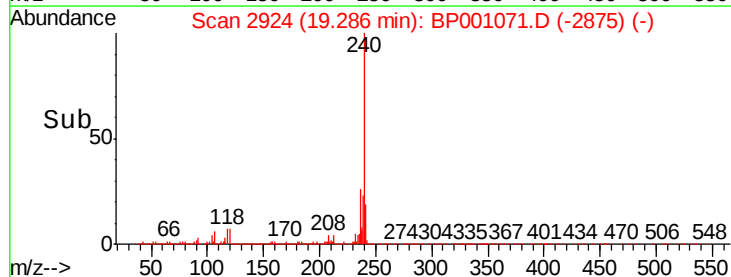
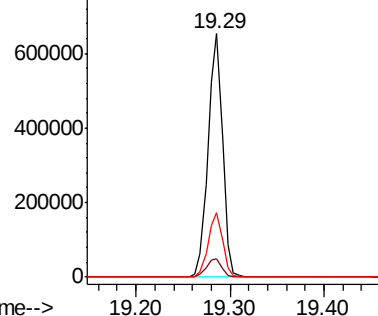


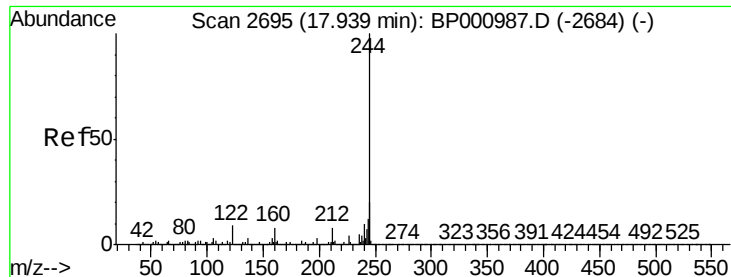
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.29 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BP001071.D
Acq: 19 Nov 2019 01:41

Tgt Ion:240 Resp: 696494
Ion Ratio Lower Upper
240 100
120 7.5 8.2 12.2#
236 26.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
800000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.466 ng

RT: 17.93 min Scan# 2693

Delta R.T. -0.01 min

Lab File: BP001071.D

Acq: 19 Nov 2019 01:41

Instrument :

BNA_P

ClientSampled :

4-(6-8)

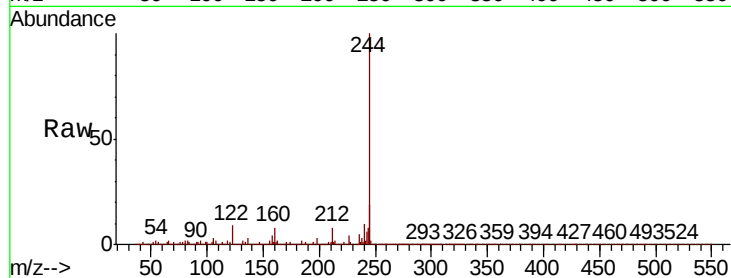
Tot Ion:244 Resp: 2292279

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

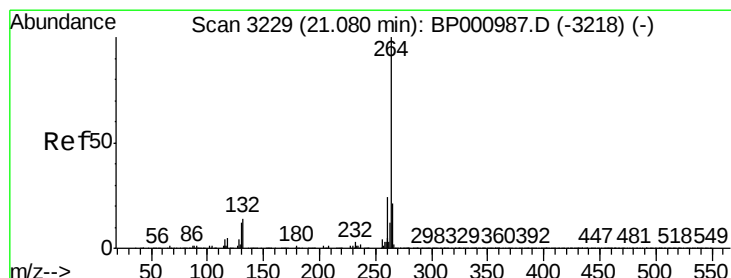
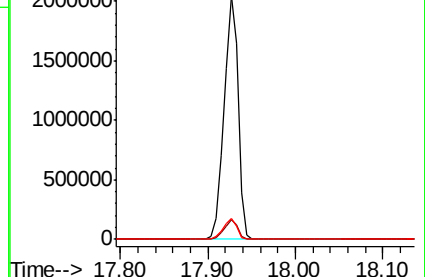
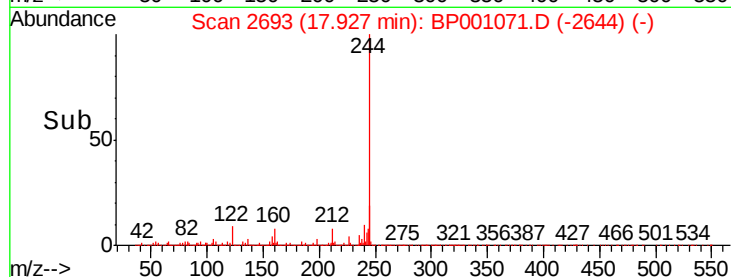
122 8.8 7.4 11.2



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: 21.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BP001071.D

Acq: 19 Nov 2019 01:41

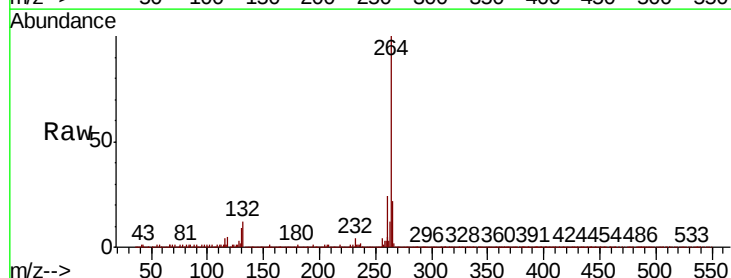
Tgt Ion:264 Resp: 681780

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.9 17.1 25.7



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

