

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001464.D
 Acq On : 27 Dec 2019 18:14
 Operator : JU
 Sample : K6437-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GP-5-(6-8)

Quant Time: Dec 28 05:22:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

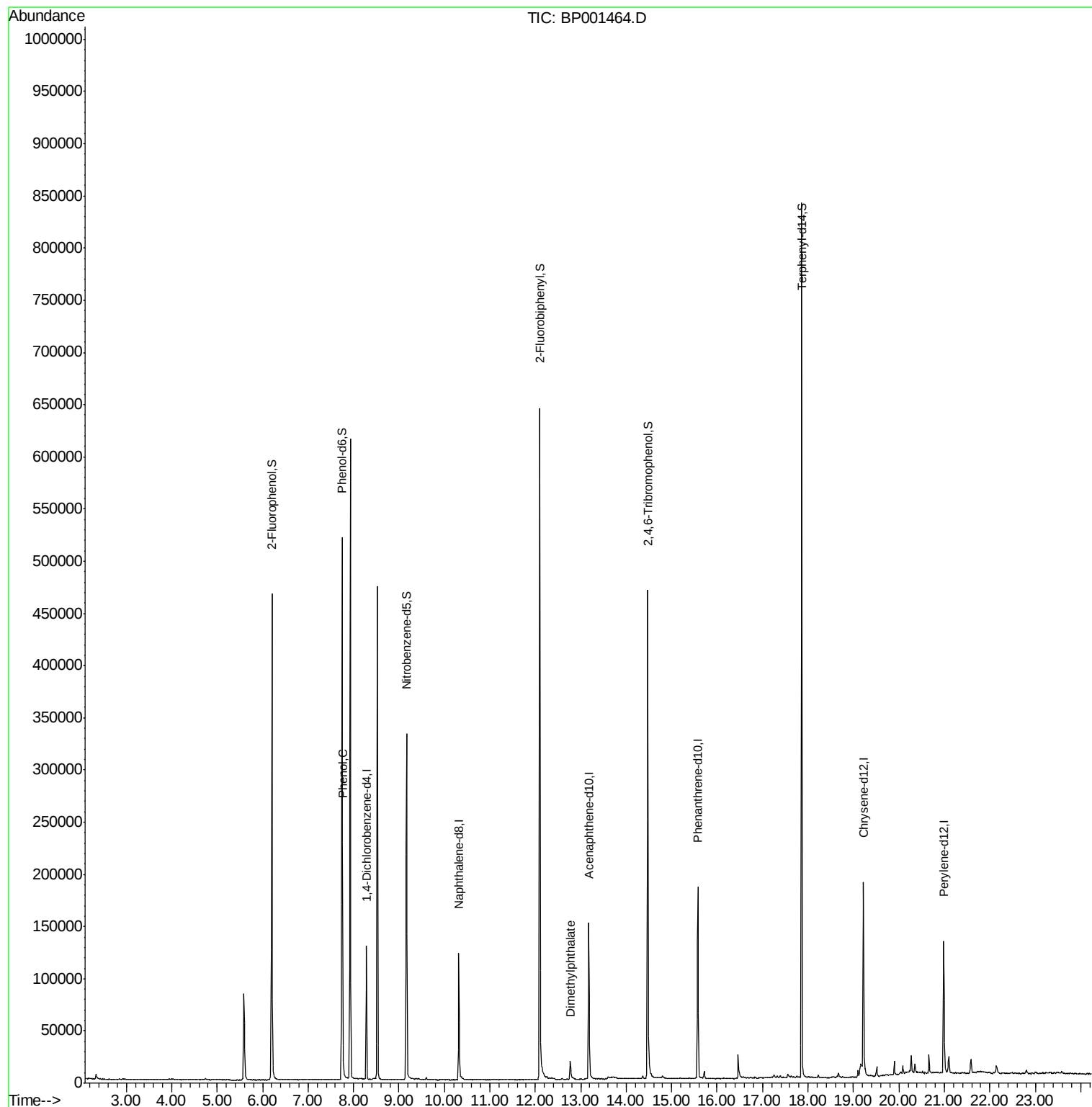
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	20607	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	68329	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	43743	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	86888	20.00	ng	0.00
76) Chrysene-d12	19.22	240	71697	20.00	ng	0.00
87) Perylene-d12	20.99	264	74828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	145350	114.00	ng	0.00
7) Phenol-d6	7.75	99	197307	118.59	ng	0.00
23) Nitrobenzene-d5	9.17	82	134014	75.32	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	70618	129.13	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	259951	75.14	ng	0.00
79) Terphenyl-d14	17.86	244	337109	80.53	ng	0.00
Target Compounds						
10) Phenol	7.76	94	5613	2.953	ng	76
50) Dimethylphthalate	12.77	163	10609	2.956	ng	# 92

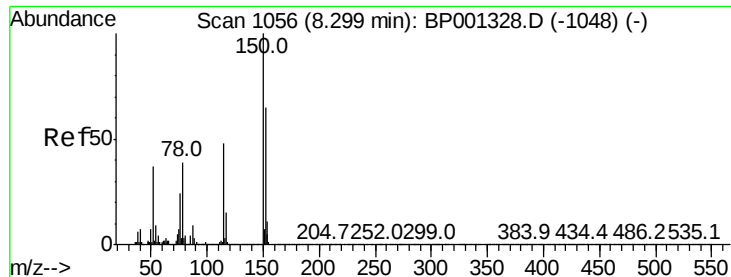
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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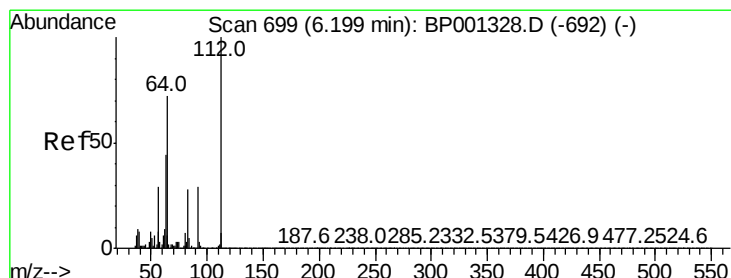
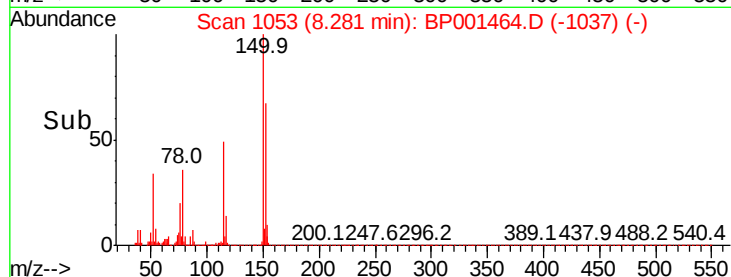
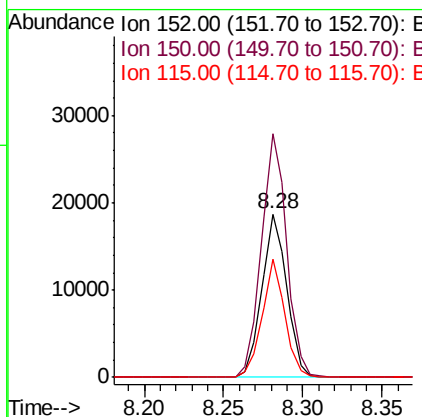
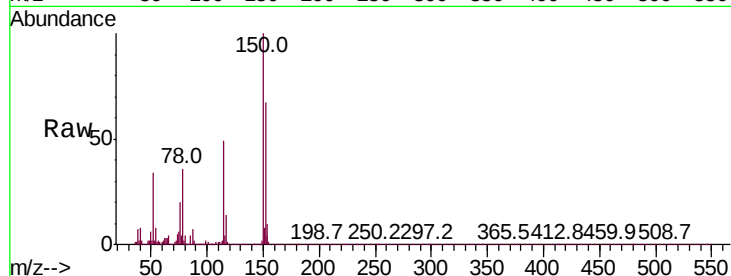




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BP001464.D
 Acq: 27 Dec 2019 18:14

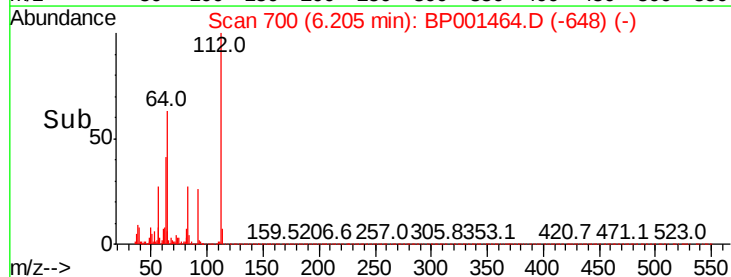
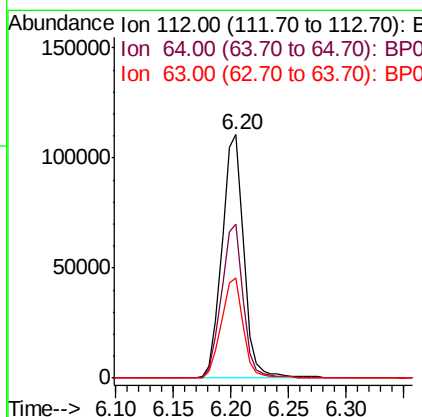
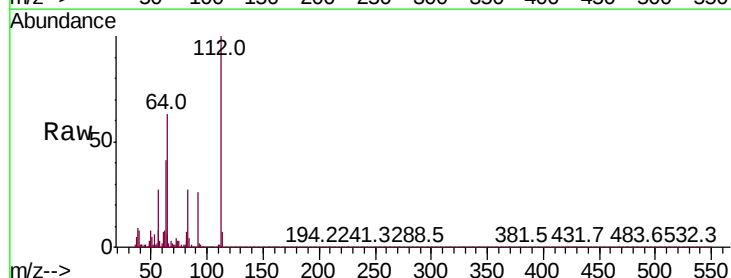
Instrument :
 BNA_P
 ClientSampleId :
 GP-5-(6-8)

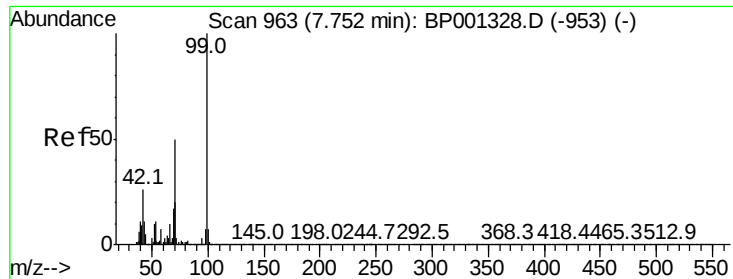
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	127.0	190.6
115	72.2	56.1	84.1



#5
 2-Fluorophenol
 Concen: 113.997 ng
 RT: 6.20 min Scan# 700
 Delta R.T. 0.01 min
 Lab File: BP001464.D
 Acq: 27 Dec 2019 18:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	53.9	80.9
63	41.1	33.4	50.0





#7

Phenol-d6

Concen: 118.591 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001464.D

Acq: 27 Dec 2019 18:14

Instrument :

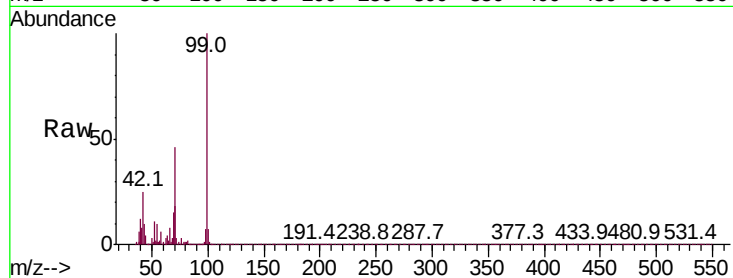
BNA_P

ClientSampleId :

GP-5-(6-8)

Tot Ion: 99 Resp: 197307

Ion	Ratio	Lower	Upper
99	100		
42	25.2	20.8	31.2
71	46.2	38.2	57.4

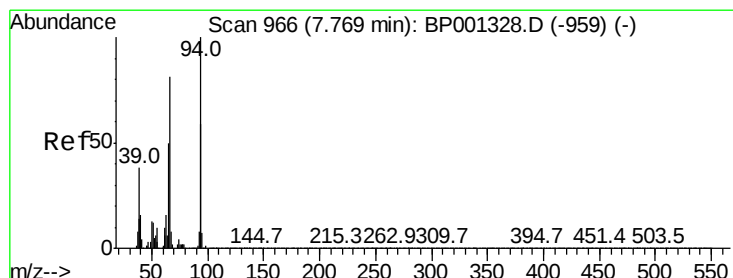
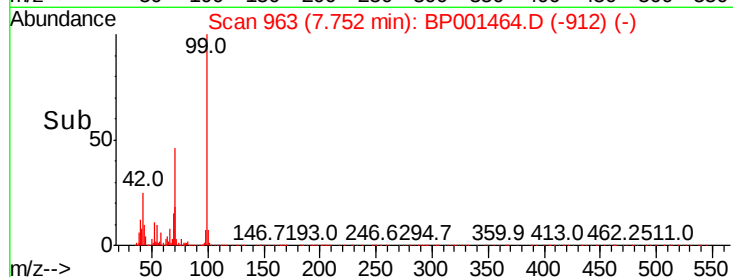
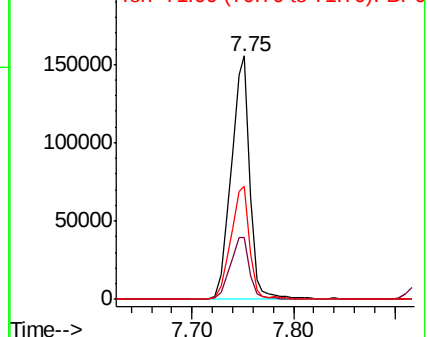


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 2.953 ng

RT: 7.76 min Scan# 965

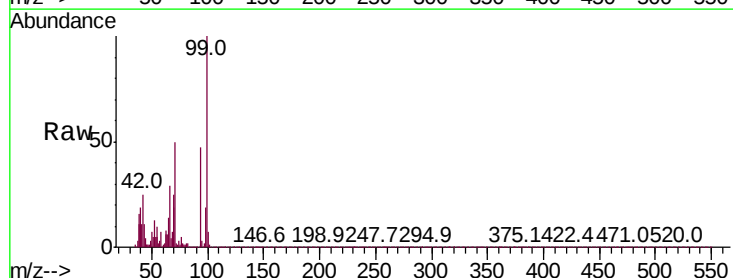
Delta R.T. -0.01 min

Lab File: BP001464.D

Acq: 27 Dec 2019 18:14

Tgt Ion: 94 Resp: 5613

Ion	Ratio	Lower	Upper
94	100		
65	30.4	29.6	69.6
66	63.0	62.3	102.3

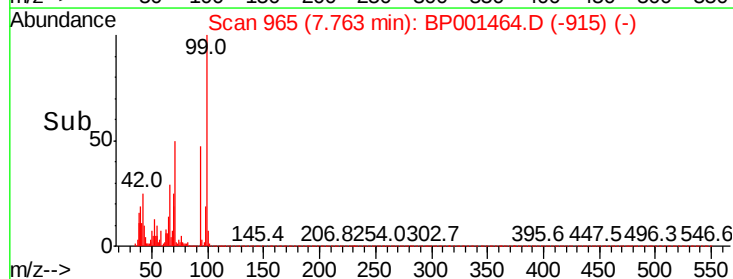
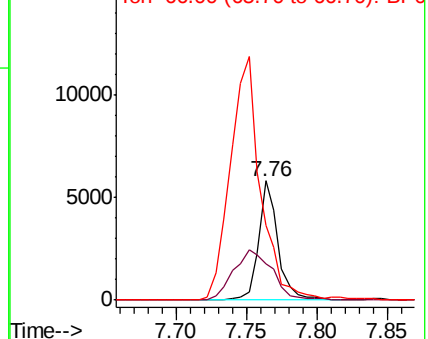


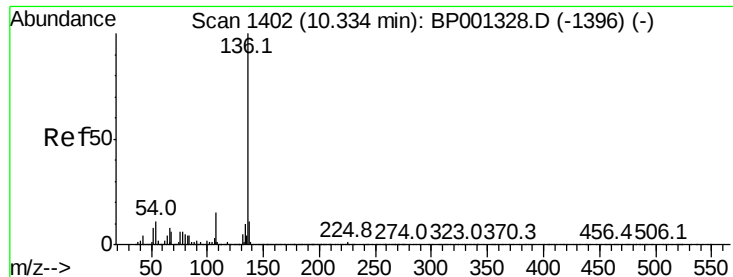
Abundance

Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

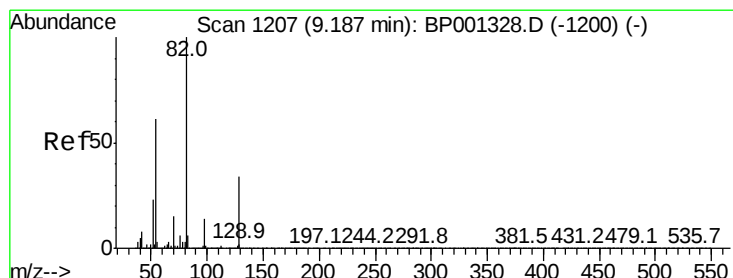
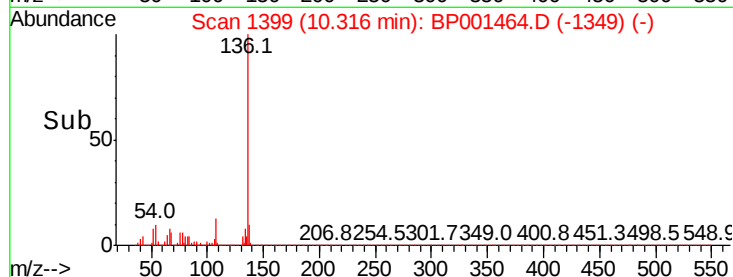
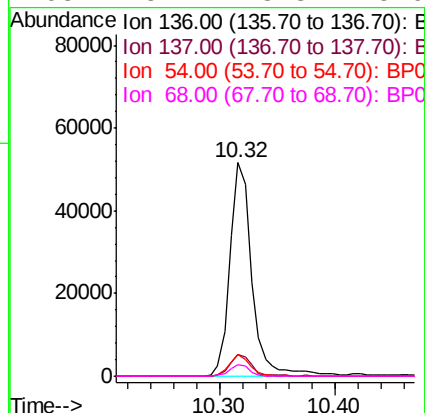
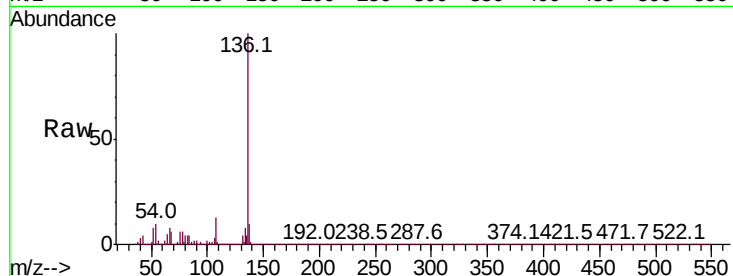




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001464.D
Acq: 27 Dec 2019 18:14

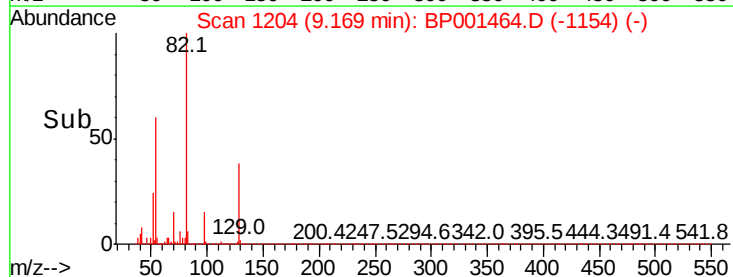
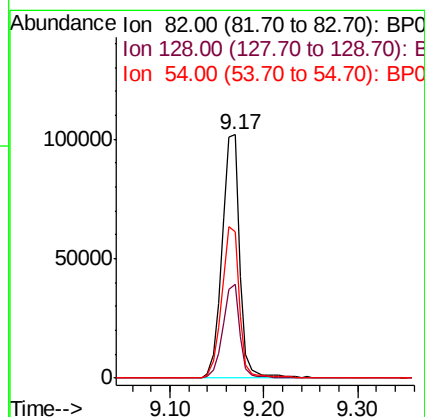
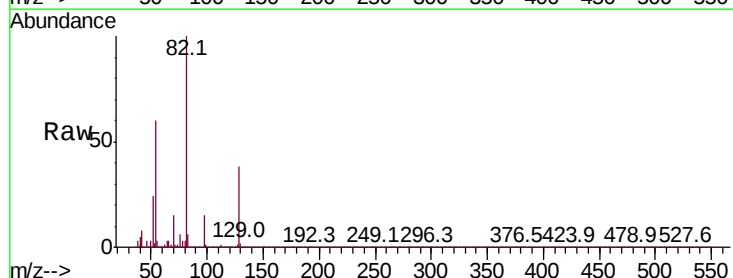
Instrument :
BNA_P
ClientSampleId :
GP-5-(6-8)

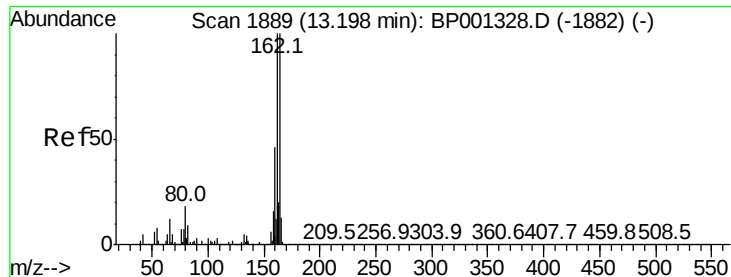
Tot Ion:	136	Resp:	68329
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	10.2	7.3	10.9
68	5.7	3.8	5.6#



#23
Nitrobenzene-d5
Concen: 75.317 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001464.D
Acq: 27 Dec 2019 18:14

Tgt Ion:	82	Resp:	134014
Ion	Ratio	Lower	Upper
82	100		
128	38.4	27.4	41.0
54	60.2	47.5	71.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.17 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BP001464.D

Acq: 27 Dec 2019 18:14

Instrument :

BNA_P

ClientSampleId :

GP-5-(6-8)

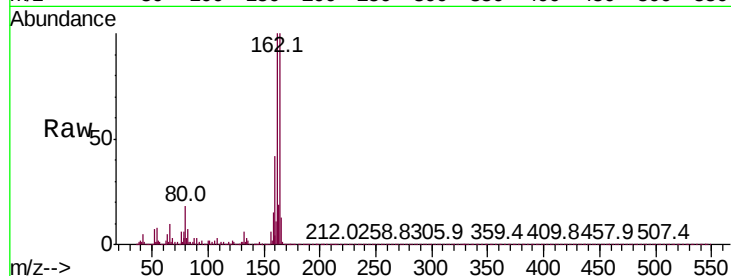
Tot Ion:164 Resp: 43743

Ion Ratio Lower Upper

164 100

162 100.3 78.2 117.4

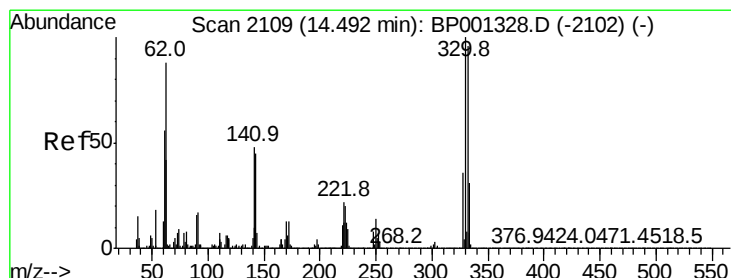
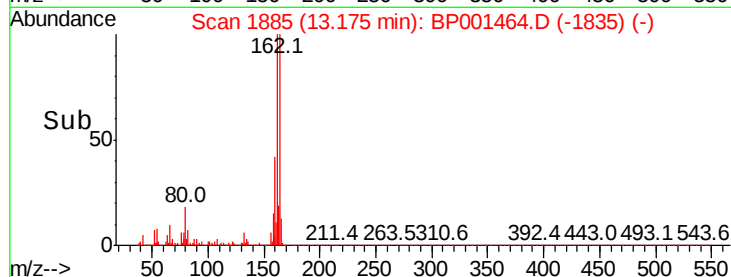
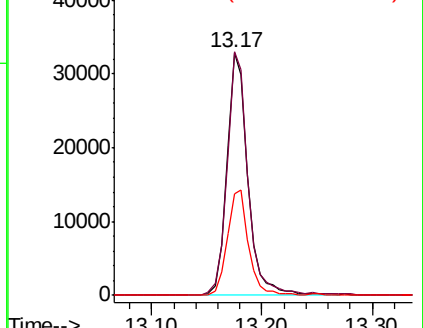
160 41.9 35.1 52.7



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: 129.127 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001464.D

Acq: 27 Dec 2019 18:14

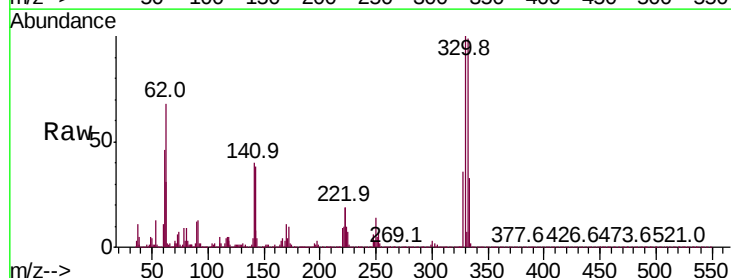
Tgt Ion:330 Resp: 70618

Ion Ratio Lower Upper

330 100

332 94.0 78.3 117.5

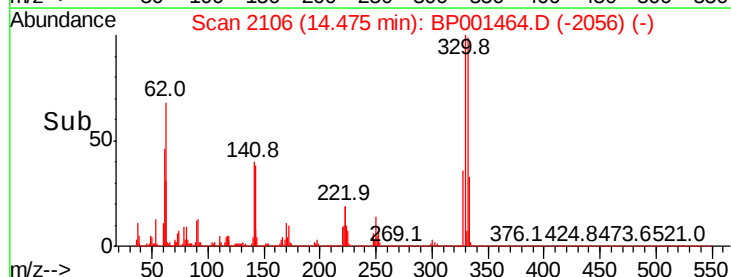
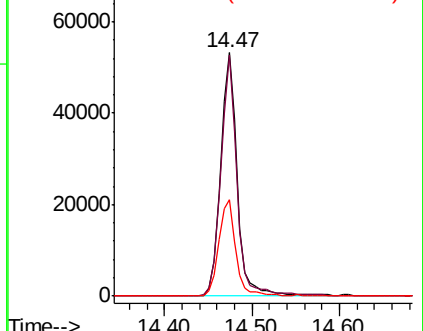
141 40.1 26.8 40.2

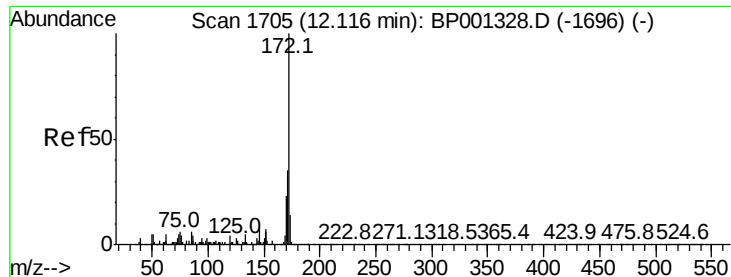


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

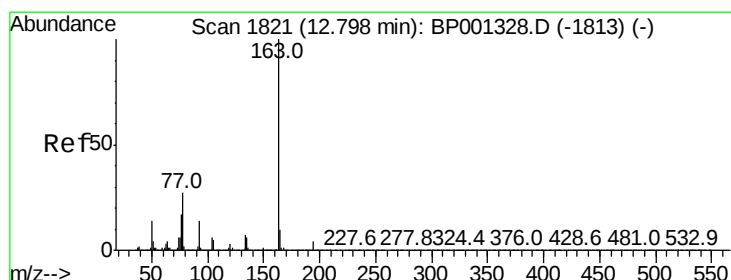
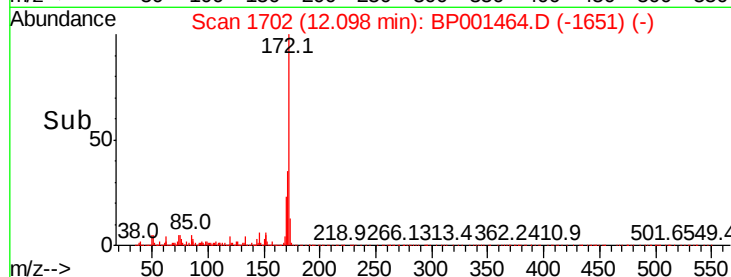
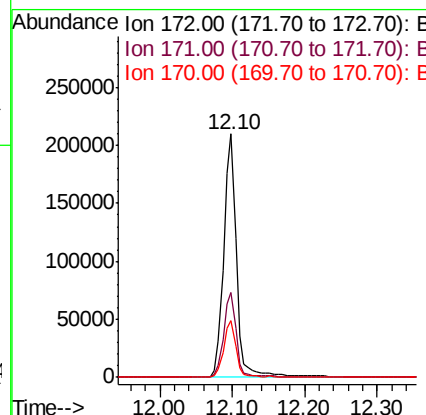
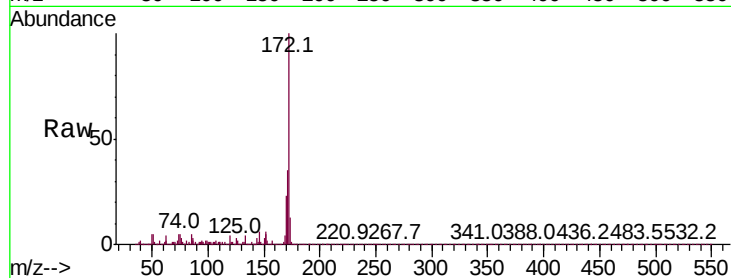




#45
2-Fluorobiphenyl
Concen: 75.144 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001464.D
Acq: 27 Dec 2019 18:14

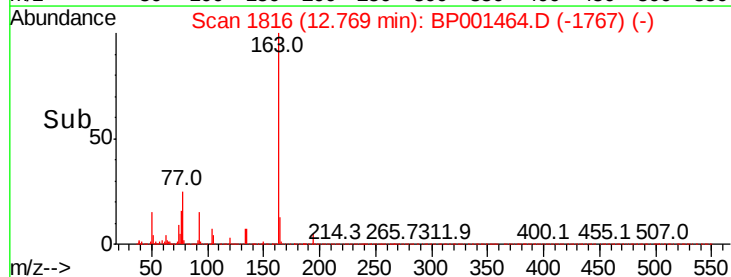
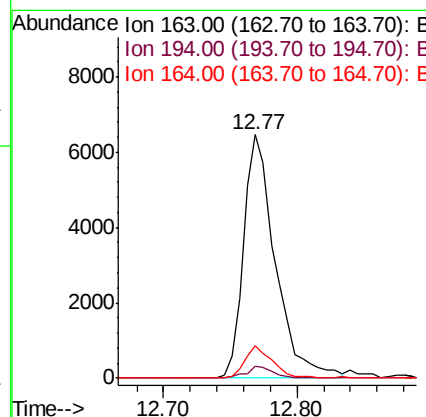
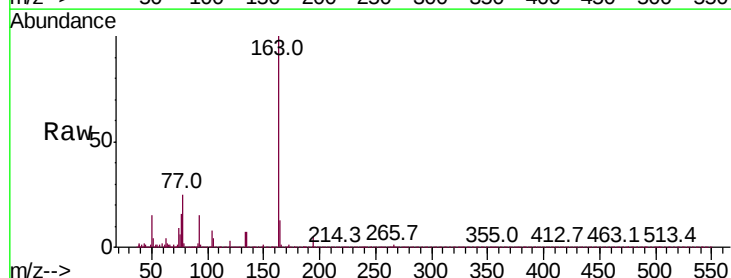
Instrument :
BNA_P
ClientSampleId :
GP-5-(6-8)

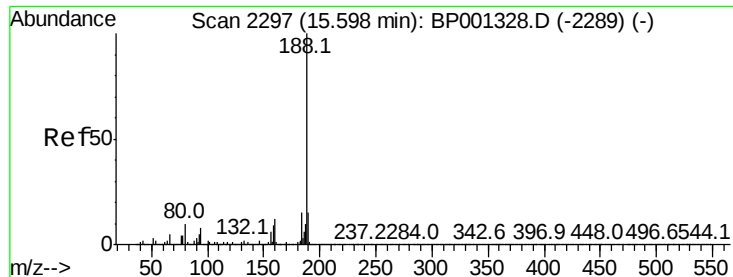
Tot Ion:172 Resp: 259951
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.0
170 23.0 18.2 27.4



#50
Dimethylphthalate
Concen: 2.956 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP001464.D
Acq: 27 Dec 2019 18:14

Tgt Ion:163 Resp: 10609
Ion Ratio Lower Upper
163 100
194 5.1 3.2 4.8#
164 13.1 7.7 11.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BP001464.D

Acq: 27 Dec 2019 18:14

Instrument :

BNA_P

ClientSampleId :

GP-5-(6-8)

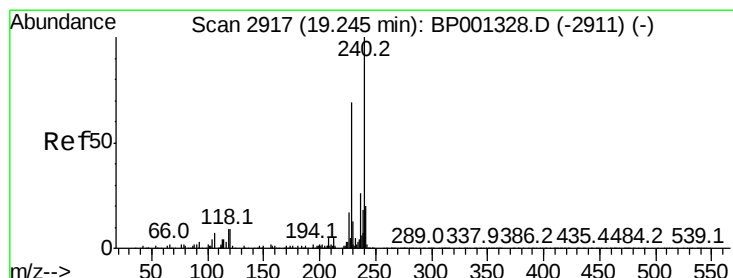
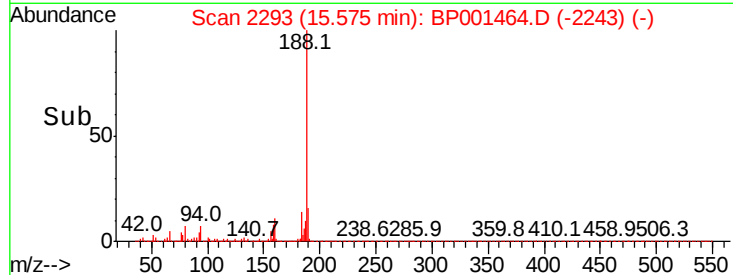
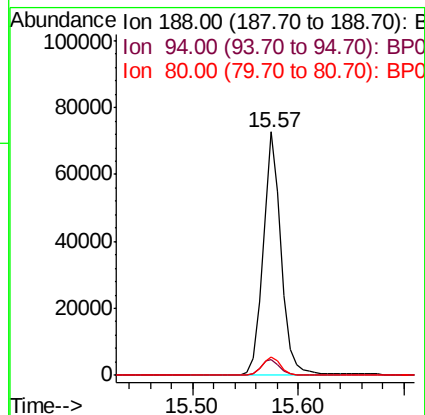
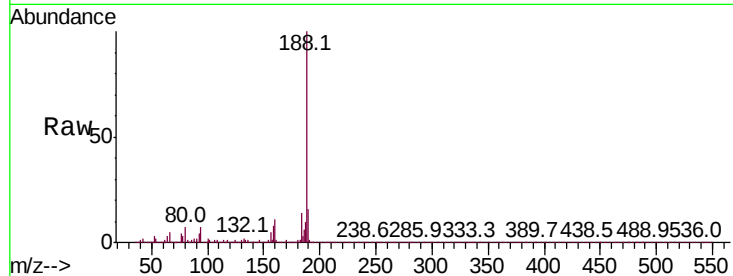
Tot Ion:188 Resp: 86888

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

80 7.3 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001464.D

Acq: 27 Dec 2019 18:14

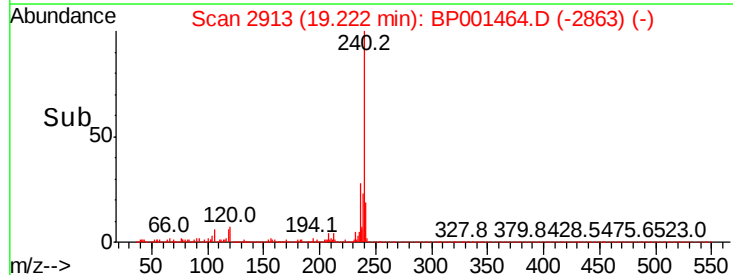
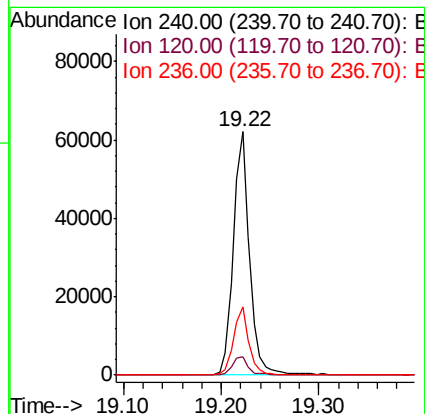
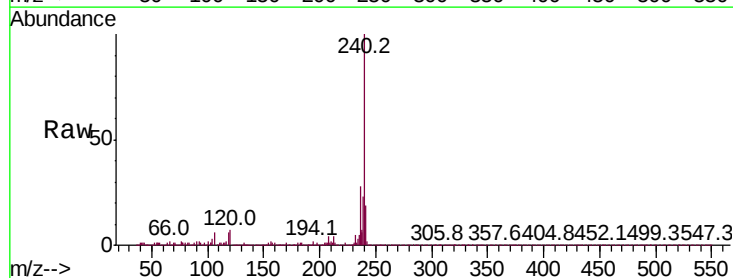
Tgt Ion:240 Resp: 71697

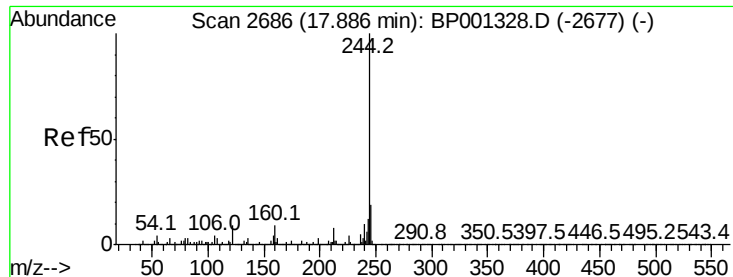
Ion Ratio Lower Upper

240 100

120 7.4 6.2 9.2

236 28.0 20.2 30.2





#79

Terphenyl-d14

Concen: 80.532 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001464.D

Acq: 27 Dec 2019 18:14

Instrument :

BNA_P

ClientSampleId :

GP-5-(6-8)

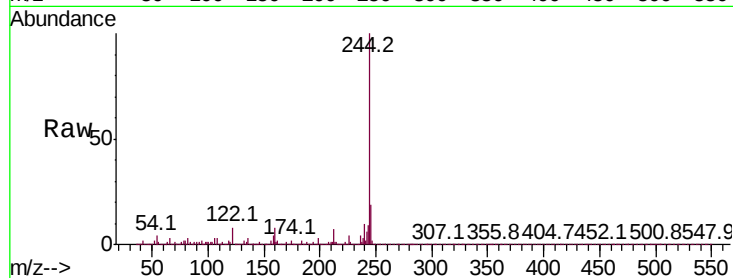
Tot Ion:244 Resp: 337109

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	7.8	6.4	9.6

244 100

212 7.3 5.8 8.8

122 7.8 6.4 9.6

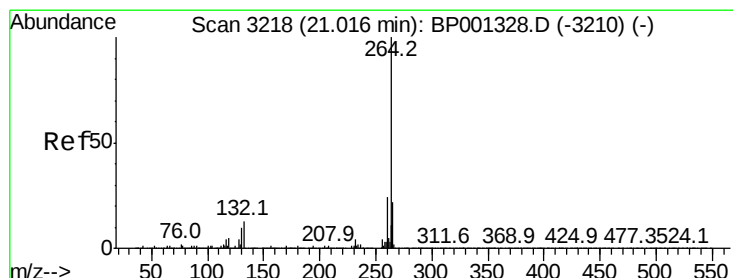
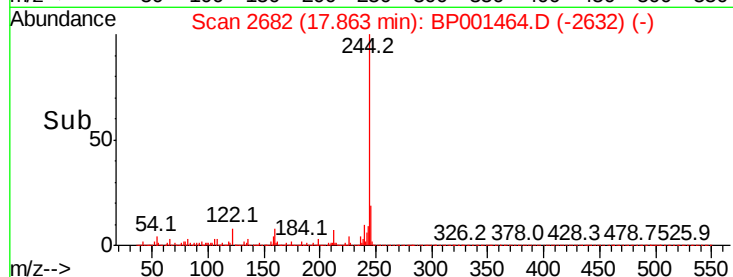
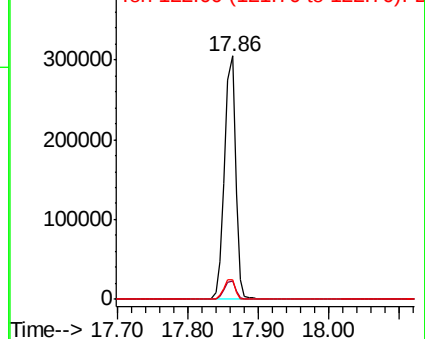


Abundance

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: 20.99 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BP001464.D

Acq: 27 Dec 2019 18:14

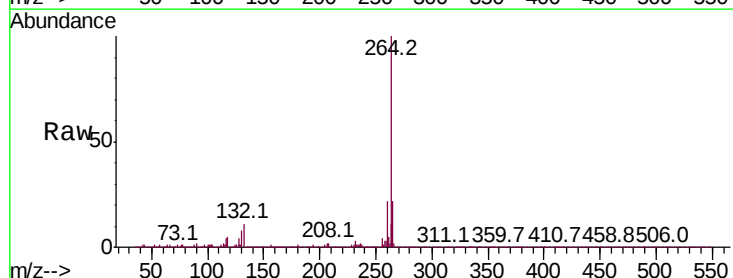
Tgt Ion:264 Resp: 74828

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.0	28.4
265	21.9	17.0	25.4

264 100

260 21.8 19.0 28.4

265 21.9 17.0 25.4



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

