

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001390.D
 Acq On : 24 Dec 2019 17:04
 Operator : JU
 Sample : K6396-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)

Quant Time: Dec 25 02:45:13 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

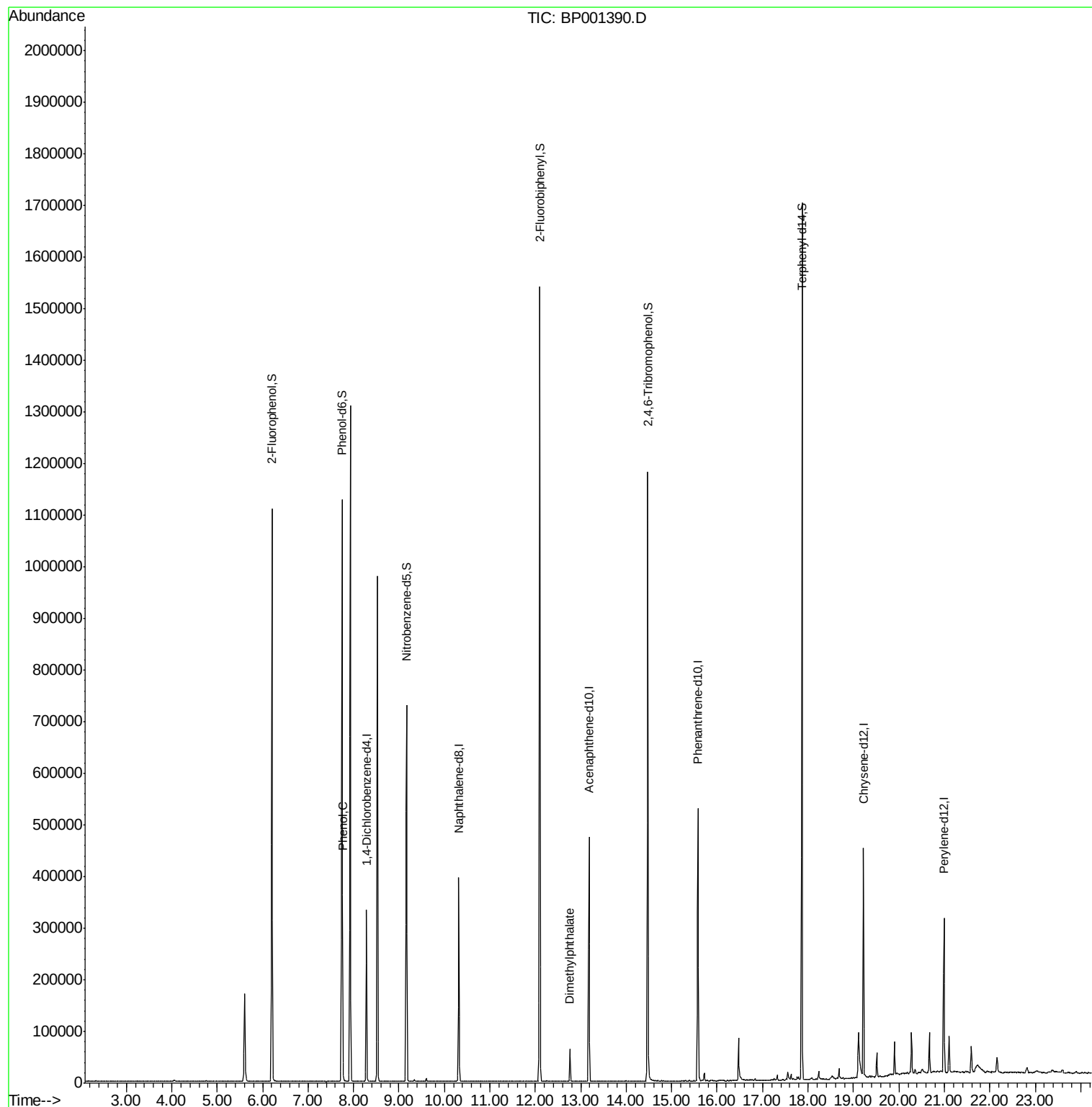
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	52813	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	203087	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	126117	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	244300	20.00	ng	0.00
76) Chrysene-d12	19.22	240	156326	20.00	ng	0.00
87) Perylene-d12	20.99	264	151122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	322776	98.78	ng	0.00
7) Phenol-d6	7.75	99	446475	104.71	ng	0.00
23) Nitrobenzene-d5	9.16	82	311998	59.00	ng	-0.01
42) 2,4,6-Tribromophenol	14.47	330	149029	94.52	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	592108	59.37	ng	0.00
79) Terphenyl-d14	17.87	244	672627	73.70	ng	0.00
Target Compounds						
10) Phenol	7.76	94	15104	3.100	ng	Qvalue # 78
50) Dimethylphthalate	12.76	163	27289	2.637	ng	99

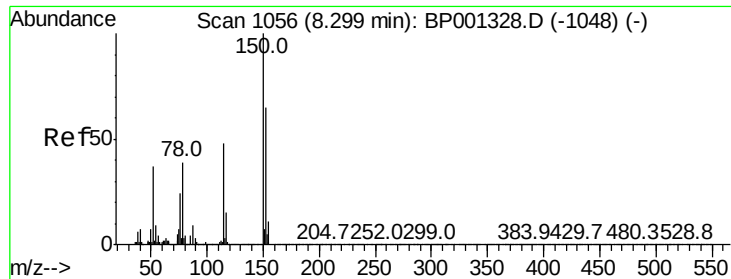
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BP001390.D

Acq: 24 Dec 2019 17:04

Instrument :

BNA_P

ClientSampleId :

SB-2-(4-5)

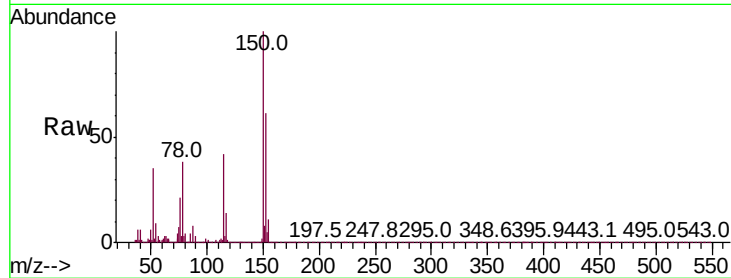
Tot Ion:152 Resp: 52813

Ion Ratio Lower Upper

152 100

150 164.8 127.0 190.6

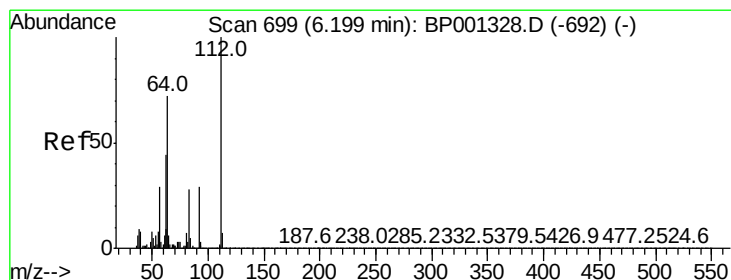
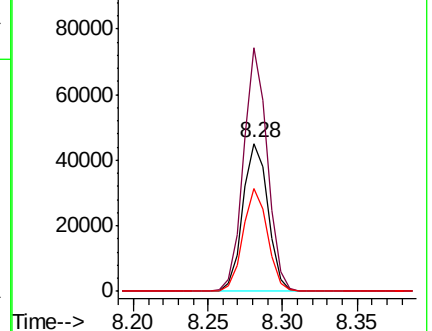
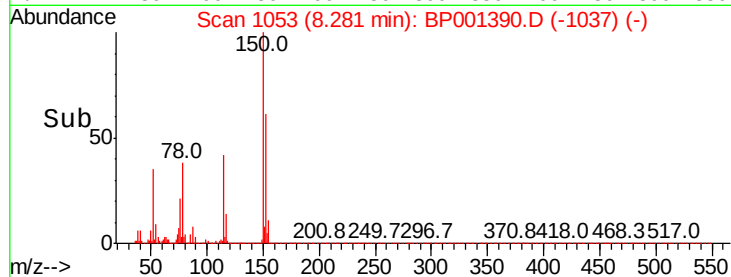
115 69.4 56.1 84.1



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: 98.776 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001390.D

Acq: 24 Dec 2019 17:04

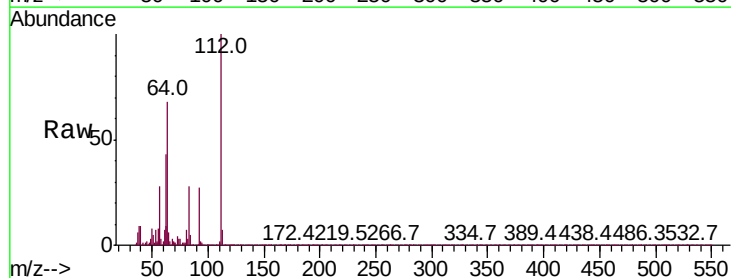
Tgt Ion:112 Resp: 322776

Ion Ratio Lower Upper

112 100

64 68.3 53.9 80.9

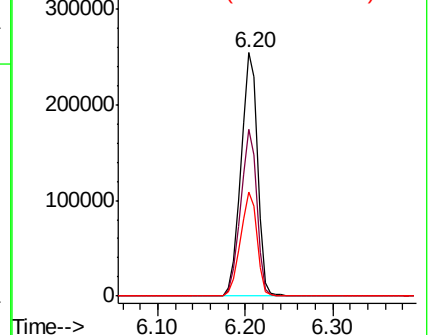
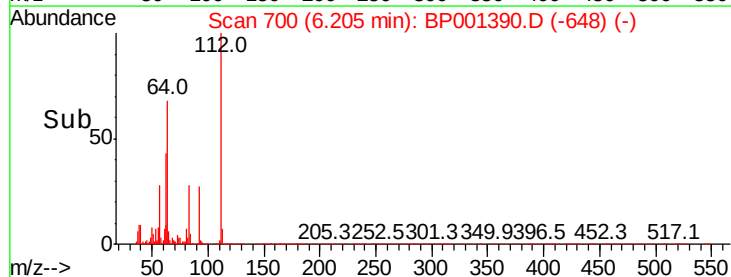
63 43.0 33.4 50.0

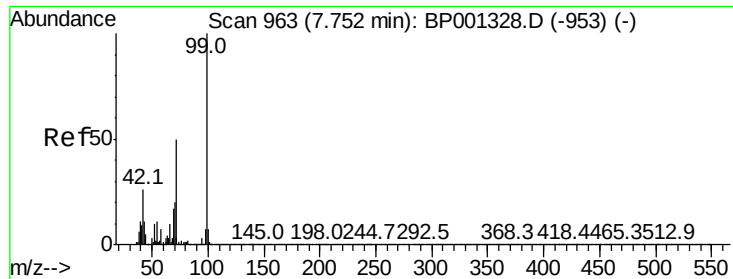


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 104.708 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001390.D

Acq: 24 Dec 2019 17:04

Instrument :

BNA_P

ClientSampleId :

SB-2-(4-5)

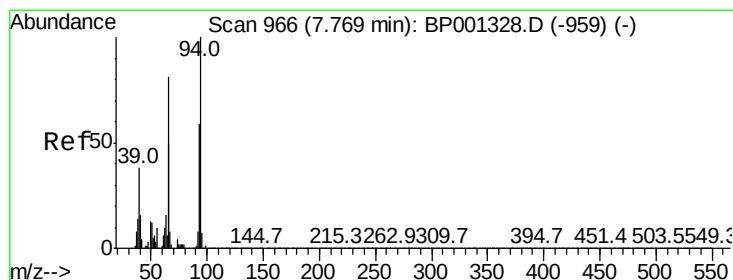
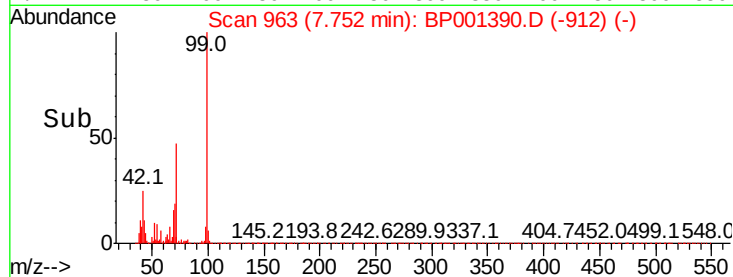
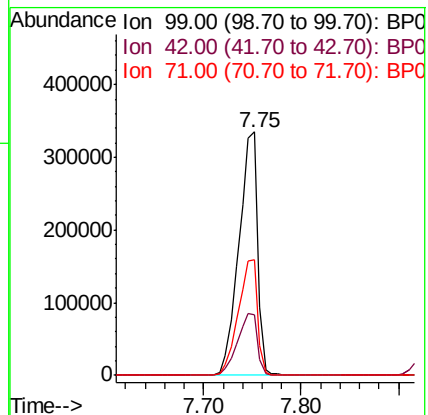
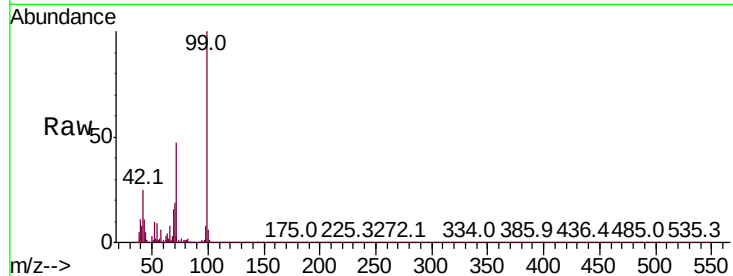
Tot Ion: 99 Resp: 446475

Ion Ratio Lower Upper

99 100

42 25.0 20.8 31.2

71 47.5 38.2 57.4



#10

Phenol

Concen: 3.100 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001390.D

Acq: 24 Dec 2019 17:04

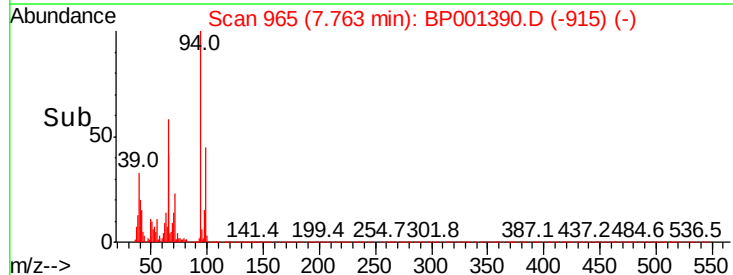
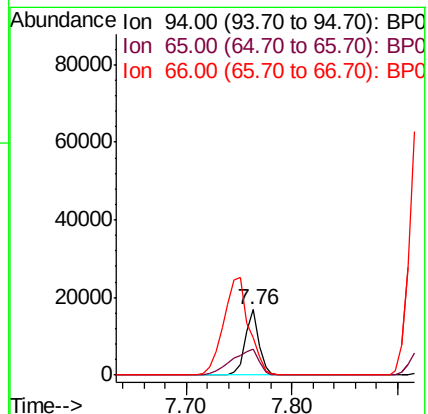
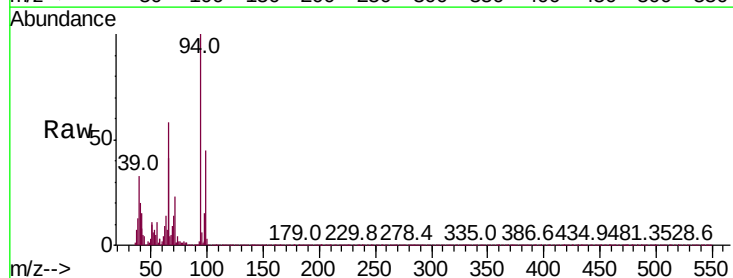
Tgt Ion: 94 Resp: 15104

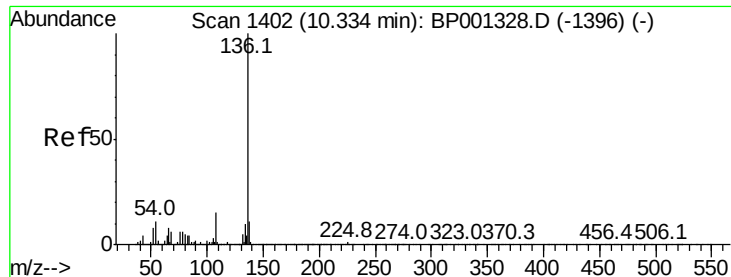
Ion Ratio Lower Upper

94 100

65 40.5 29.6 69.6

66 58.0 62.3 102.3#

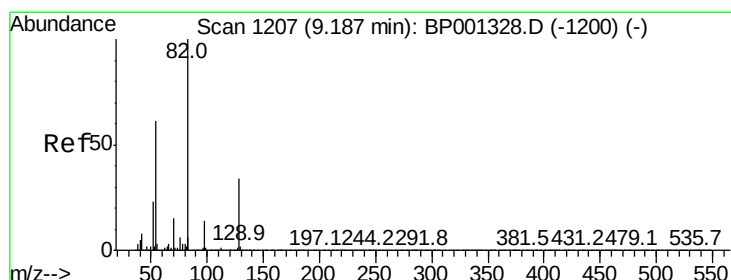
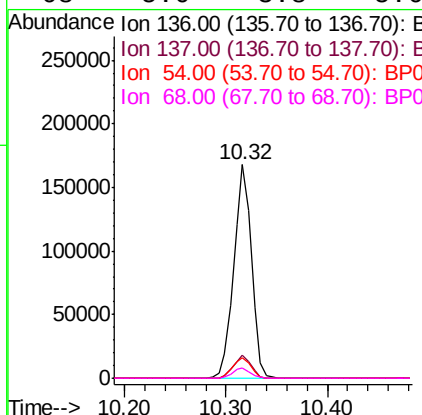
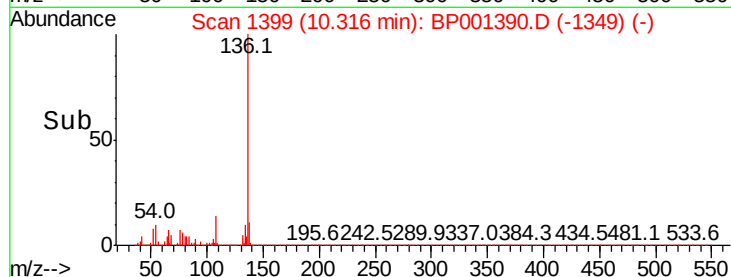
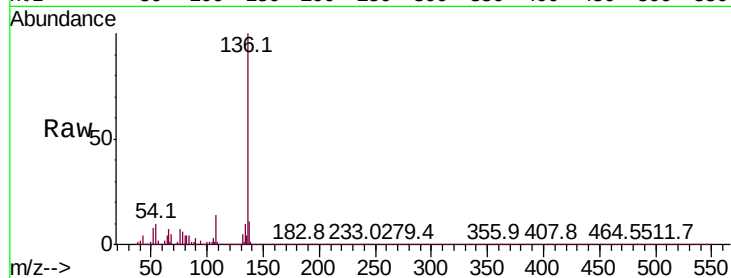




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001390.D
Acq: 24 Dec 2019 17:04

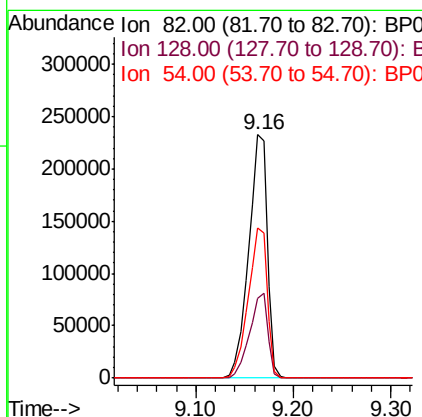
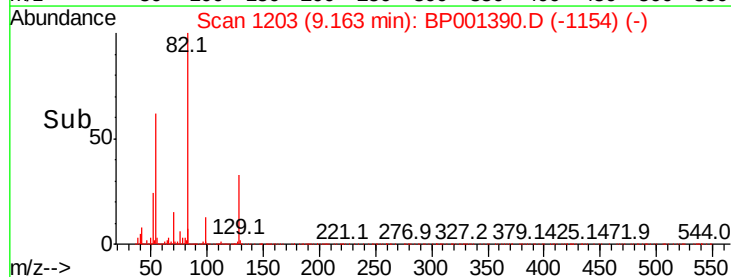
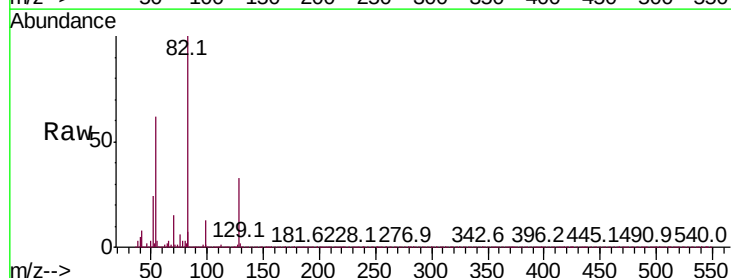
Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)

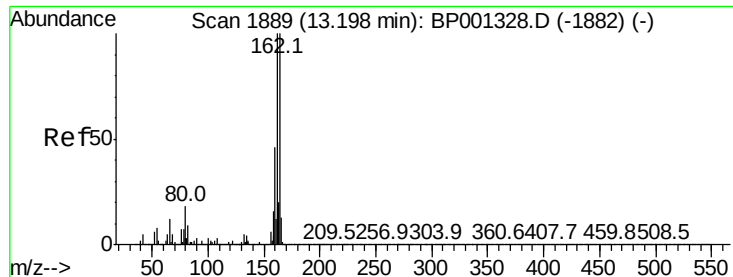
Tot Ion:136	Resp:	203087
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.0	13.4
54 9.8	7.3	10.9
68 5.0	3.8	5.6



#23
Nitrobenzene-d5
Concen: 58.995 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP001390.D
Acq: 24 Dec 2019 17:04

Tgt	Ion: 82	Resp:	311998
Ion	Ratio	Lower	Upper
82	100		
128	32.9	27.4	41.0
54	61.8	47.5	71.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001390.D

Acq: 24 Dec 2019 17:04

Instrument :

BNA_P

ClientSampleId :

SB-2-(4-5)

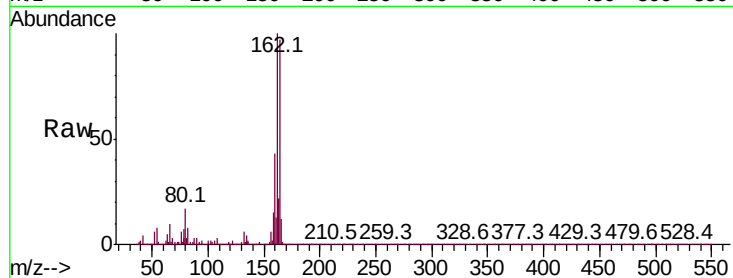
Tot Ion:164 Resp: 126117

Ion Ratio Lower Upper

164 100

162 103.3 78.2 117.4

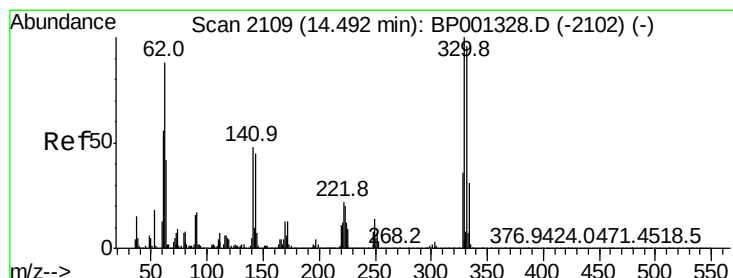
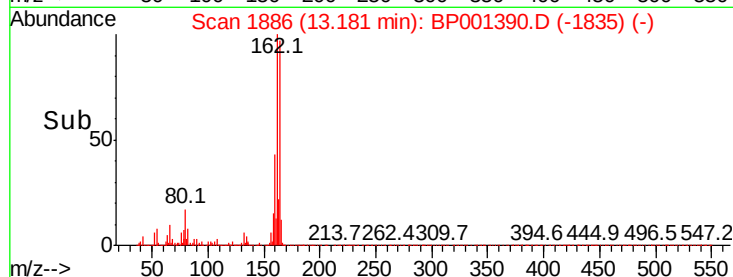
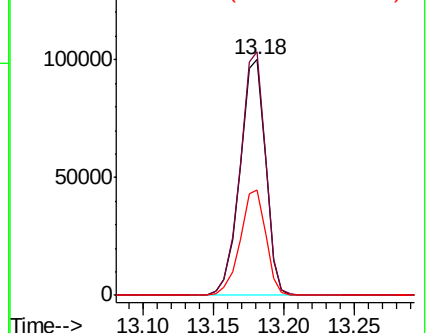
160 44.9 35.1 52.7



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: 94.516 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001390.D

Acq: 24 Dec 2019 17:04

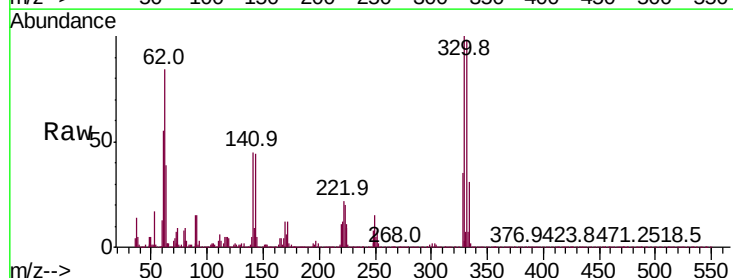
Tgt Ion:330 Resp: 149029

Ion Ratio Lower Upper

330 100

332 97.7 78.3 117.5

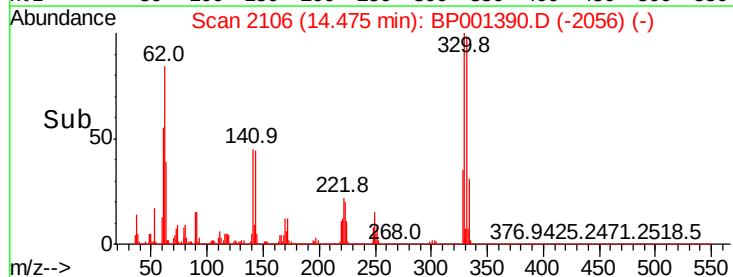
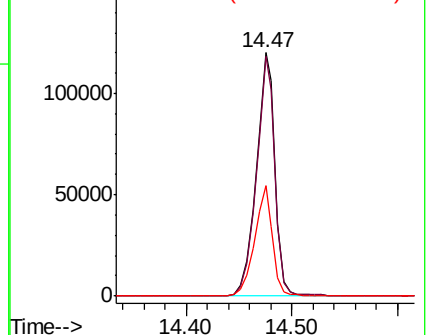
141 43.4 26.8 40.2#

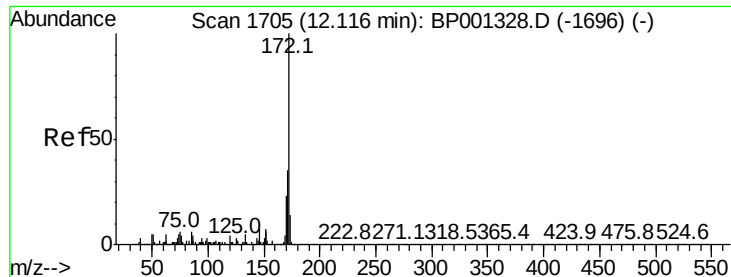


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

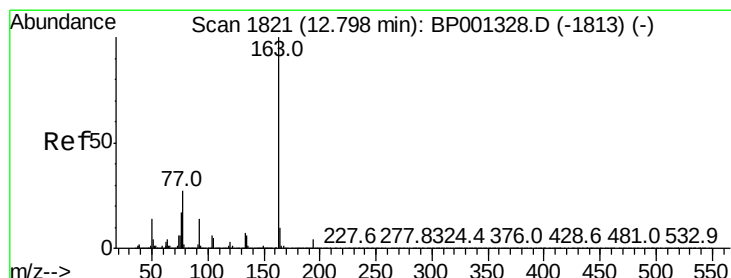
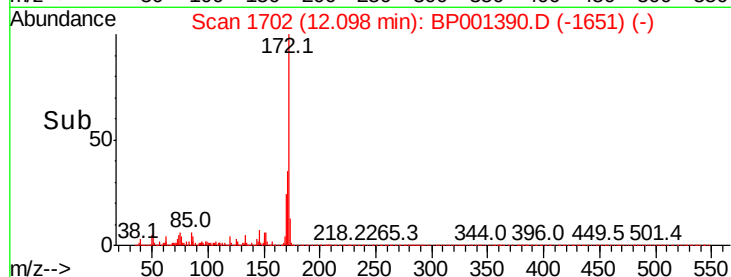
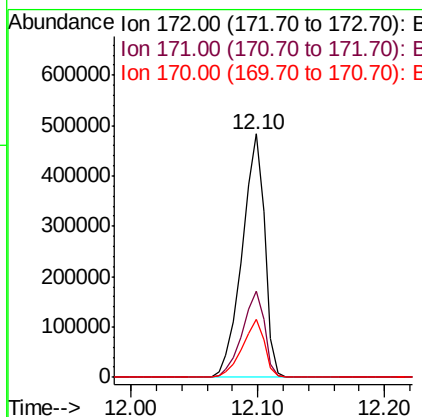
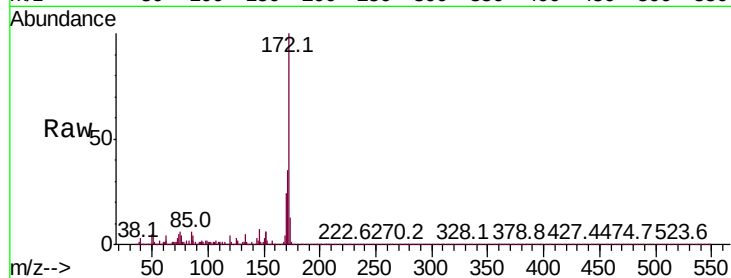




#45
2-Fluorobiphenyl
Concen: 59.367 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001390.D
Acq: 24 Dec 2019 17:04

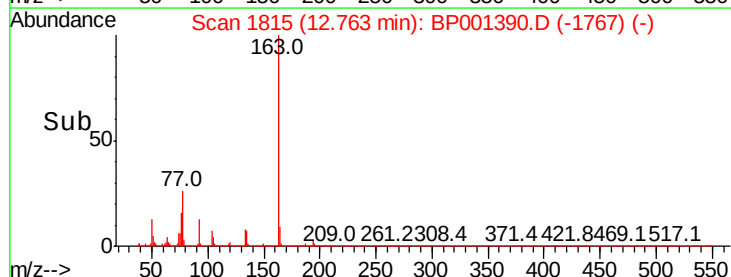
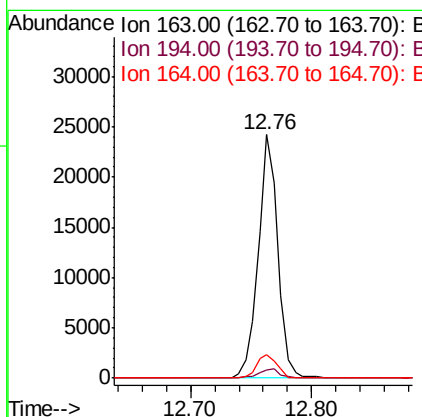
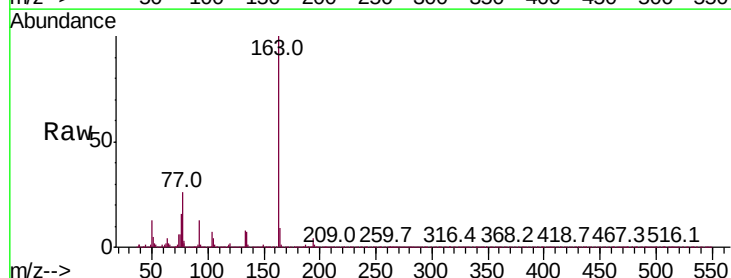
Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)

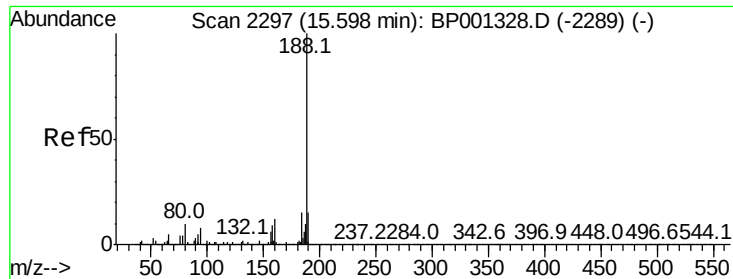
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.4	41.0
170	23.7	18.2	27.4



#50
Dimethylphthalate
Concen: 2.637 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BP001390.D
Acq: 24 Dec 2019 17:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.4	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: BP001390.D

Acq: 24 Dec 2019 17:04

Instrument :

BNA_P

ClientSampled :

SB-2-(4-5)

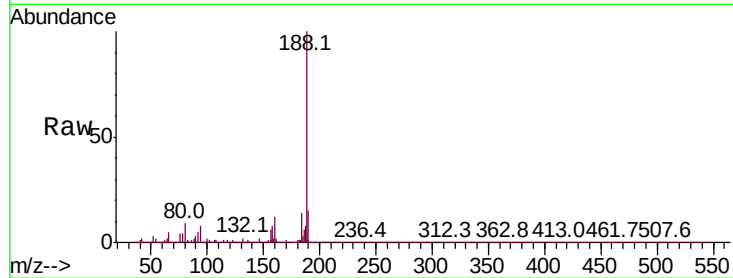
Tot Ion:188 Resp: 244300

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.8

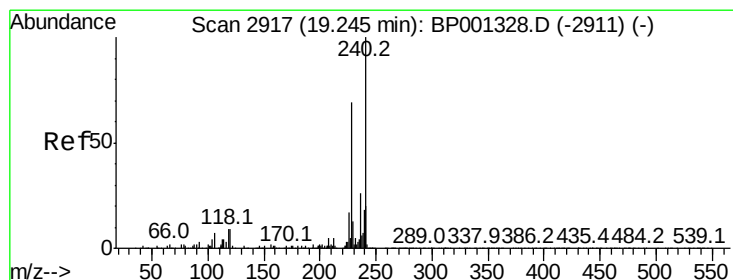
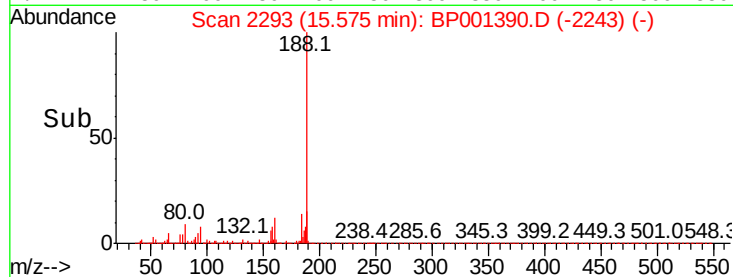
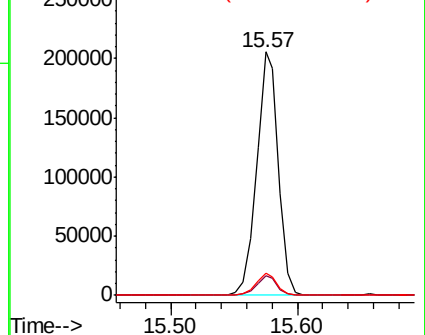
80 9.3 5.7 8.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001390.D

Acq: 24 Dec 2019 17:04

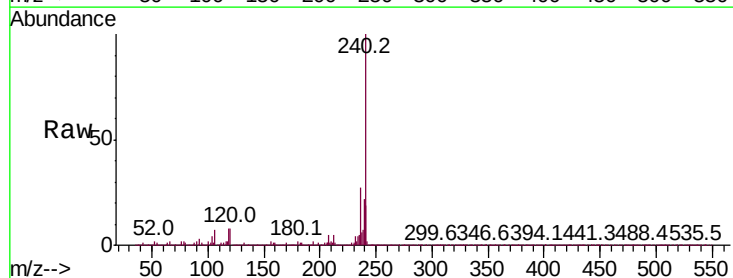
Tgt Ion:240 Resp: 156326

Ion Ratio Lower Upper

240 100

120 8.3 6.2 9.2

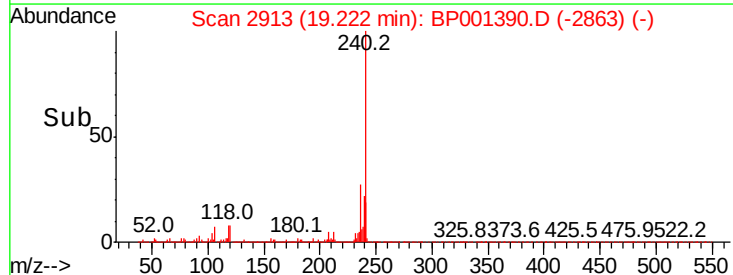
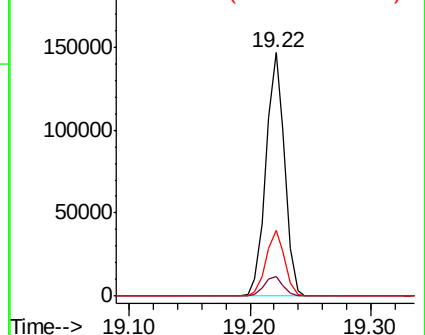
236 26.9 20.2 30.2

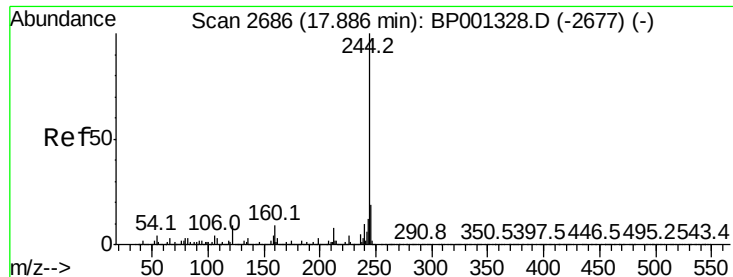


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.695 ng

RT: 17.87 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BP001390.D

Acq: 24 Dec 2019 17:04

Instrument :

BNA_P

ClientSampleId :

SB-2-(4-5)

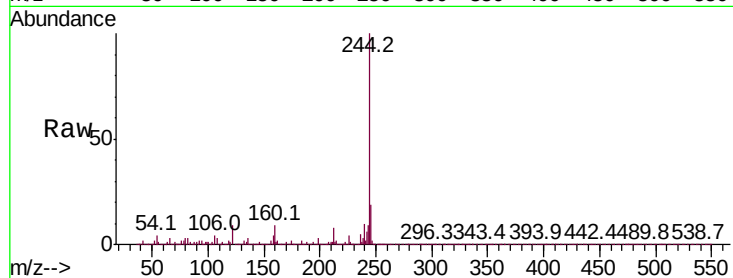
Tot Ion:244 Resp: 672627

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

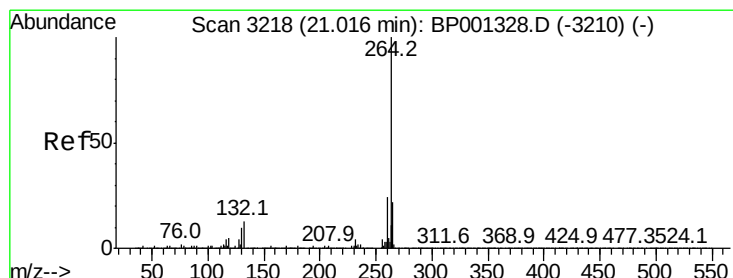
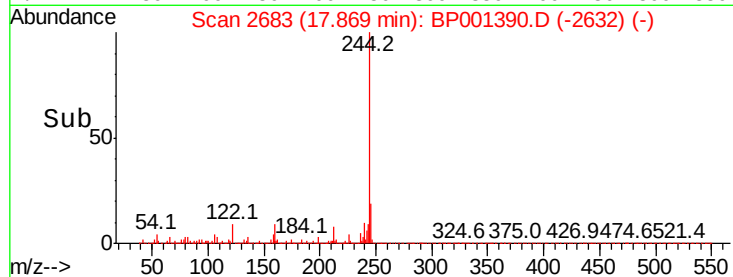
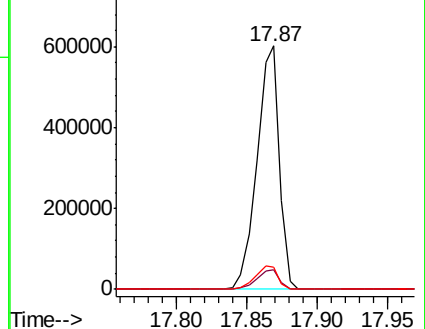
122 8.9 6.4 9.6



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# 3214

Delta R.T. -0.00 min

Lab File: BP001390.D

Acq: 24 Dec 2019 17:04

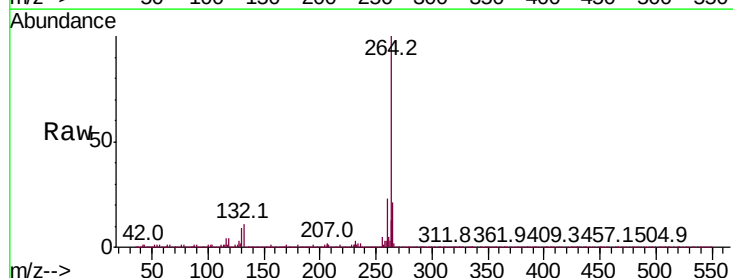
Tgt Ion:264 Resp: 151122

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

265 21.4 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

