

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
 Data File : BP001492.D
 Acq On : 28 Dec 2019 23:31
 Operator : JU
 Sample : K6439-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LIED-BF006-01

Quant Time: Dec 29 08:31:11 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

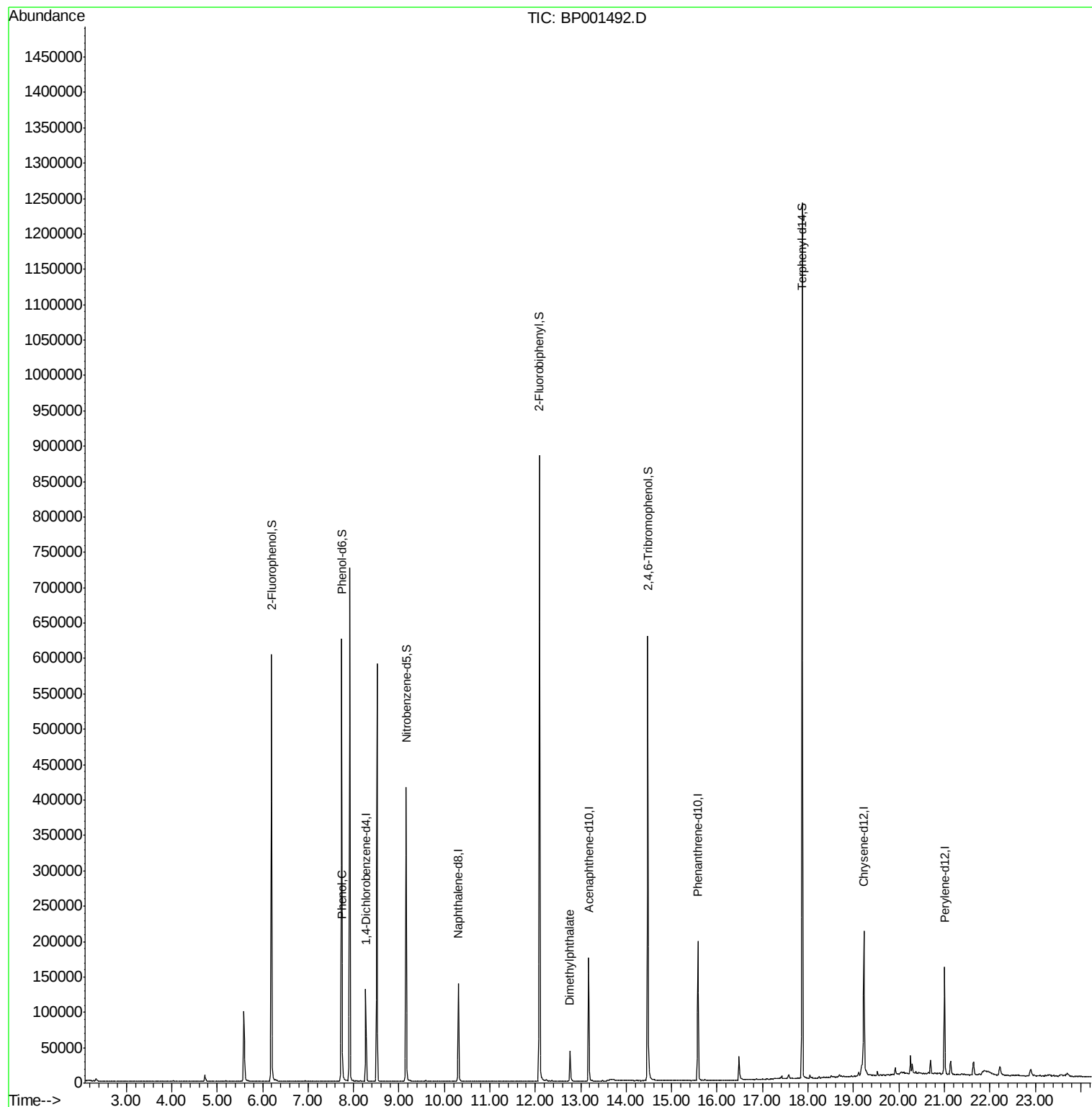
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	21979	20.00	ng	-0.02
21) Naphthalene-d8	10.31	136	77776	20.00	ng	-0.01
39) Acenaphthene-d10	13.17	164	48444	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	99104	20.00	ng	0.00
76) Chrysene-d12	19.23	240	82260	20.00	ng	0.00
87) Perylene-d12	21.00	264	82633	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	187698	138.02	ng	0.00
7) Phenol-d6	7.74	99	254763	143.57	ng	-0.01
23) Nitrobenzene-d5	9.16	82	166421	82.17	ng	-0.02
42) 2,4,6-Tribromophenol	14.47	330	93103	153.72	ng	0.00
45) 2-Fluorobiphenyl	12.09	172	349651	91.27	ng	0.00
79) Terphenyl-d14	17.87	244	480246	99.99	ng	0.00
Target Compounds						
10) Phenol	7.76	94	4824	2.379	ng	89
50) Dimethylphthalate	12.76	163	23138	5.822	ng	100

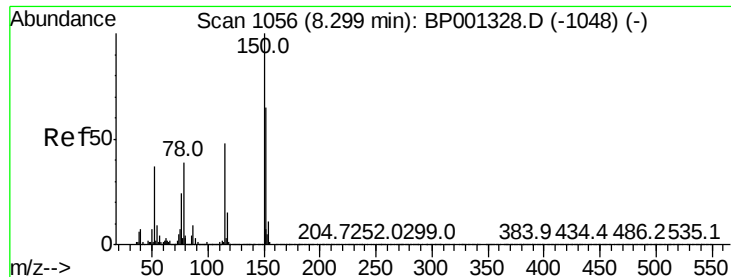
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BP001492.D

Acq: 28 Dec 2019 23:31

Instrument :

BNA_P

ClientSampleId :

LIED-BF006-01

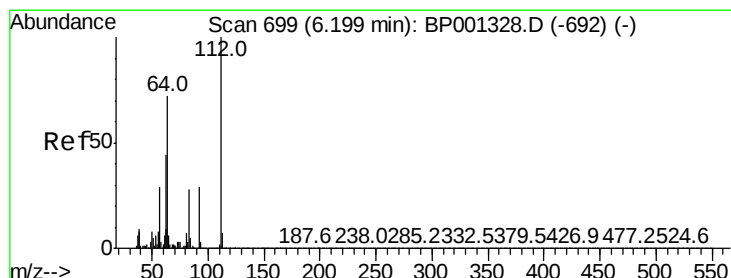
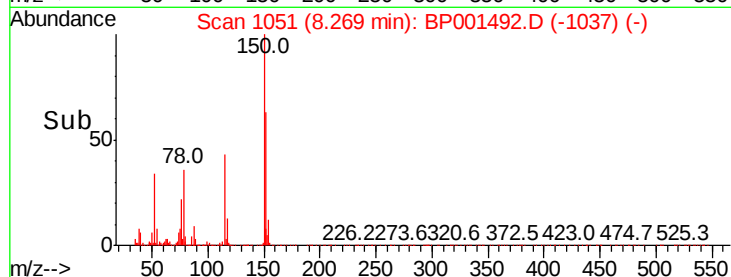
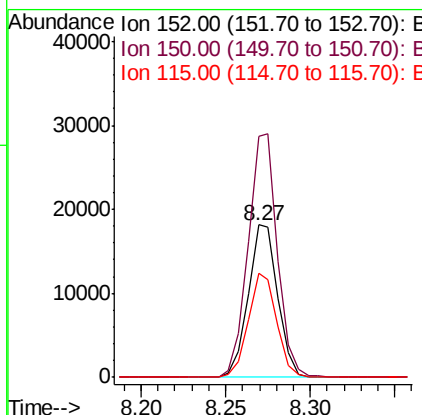
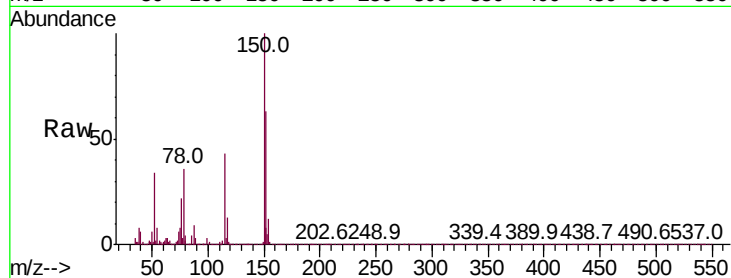
Tot Ion:152 Resp: 21979

Ion Ratio Lower Upper

152 100

150 157.9 127.0 190.6

115 68.6 56.1 84.1



#5

2-Fluorophenol

Concen: 138.021 ng

RT: 6.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BP001492.D

Acq: 28 Dec 2019 23:31

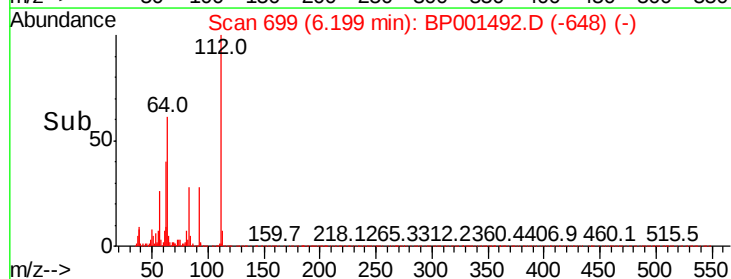
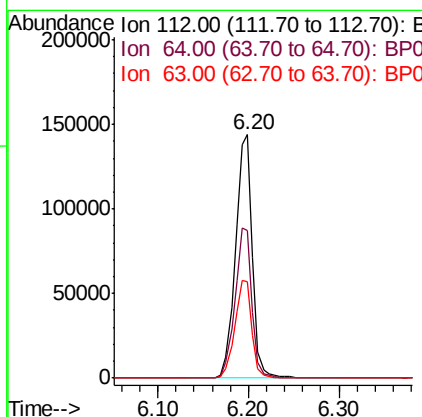
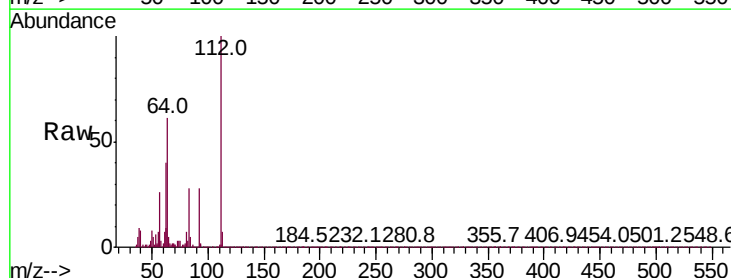
Tgt Ion:112 Resp: 187698

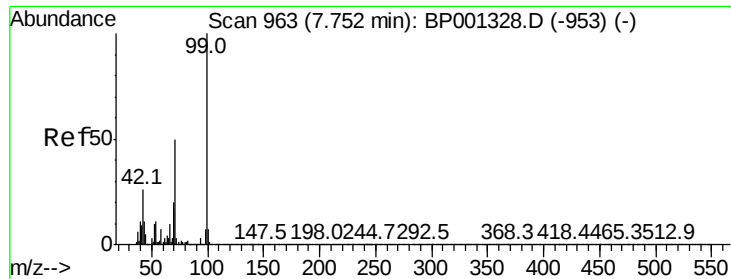
Ion Ratio Lower Upper

112 100

64 60.6 53.9 80.9

63 39.7 33.4 50.0





#7

Phenol-d6

Concen: 143.567 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BP001492.D

Acq: 28 Dec 2019 23:31

Instrument :

BNA_P

ClientSampleId :

LIED-BF006-01

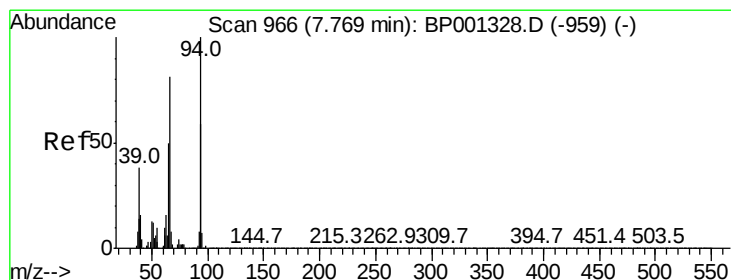
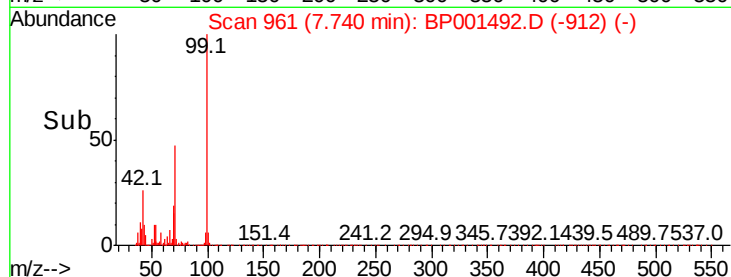
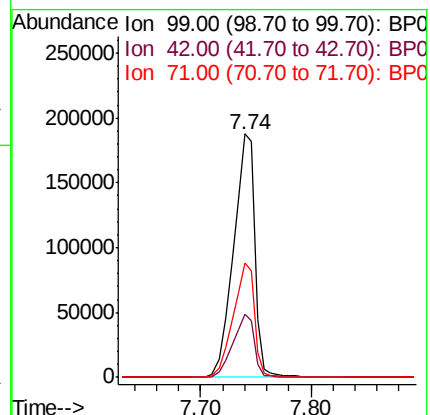
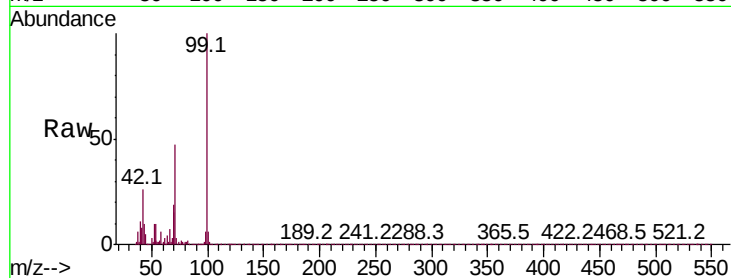
Tot Ion: 99 Resp: 254763

Ion Ratio Lower Upper

99 100

42 26.2 20.8 31.2

71 46.9 38.2 57.4



#10

Phenol

Concen: 2.379 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001492.D

Acq: 28 Dec 2019 23:31

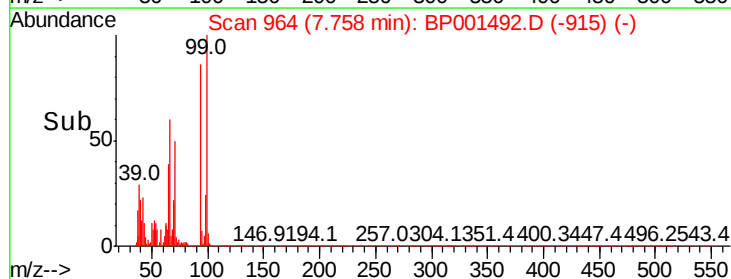
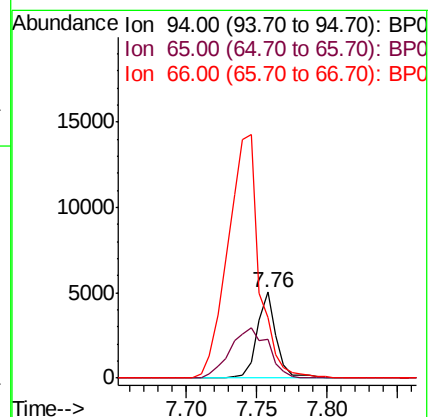
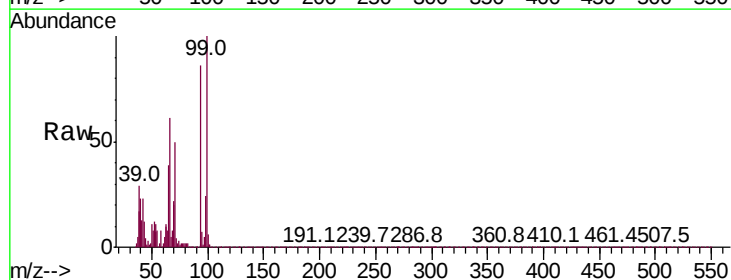
Tgt Ion: 94 Resp: 4824

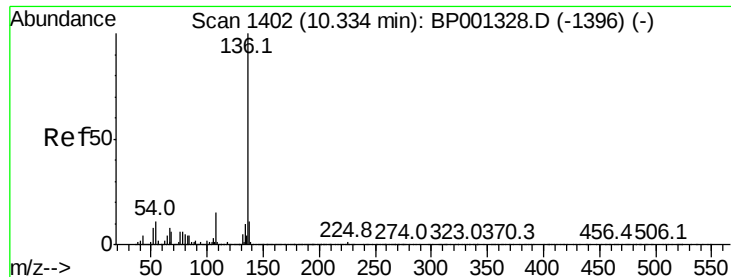
Ion Ratio Lower Upper

94 100

65 45.5 29.6 69.6

66 70.4 62.3 102.3

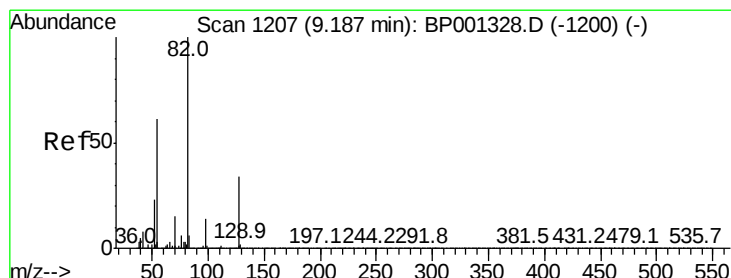
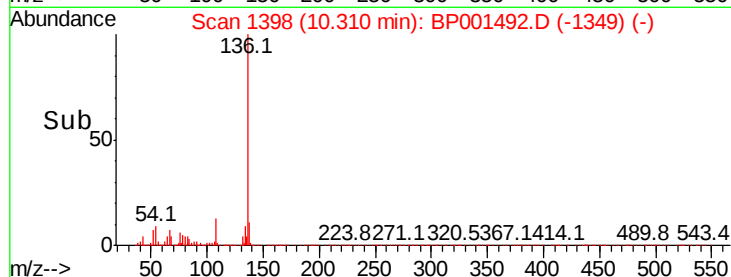
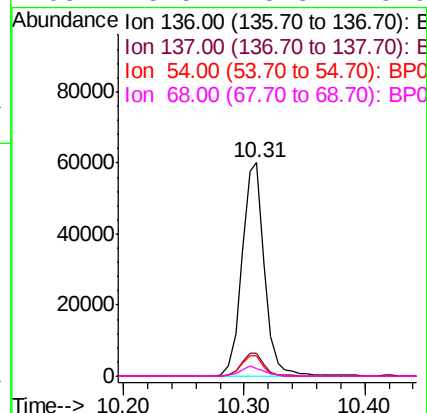
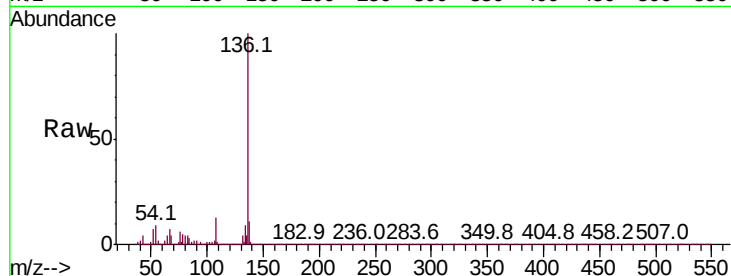




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BP001492.D
Acq: 28 Dec 2019 23:31

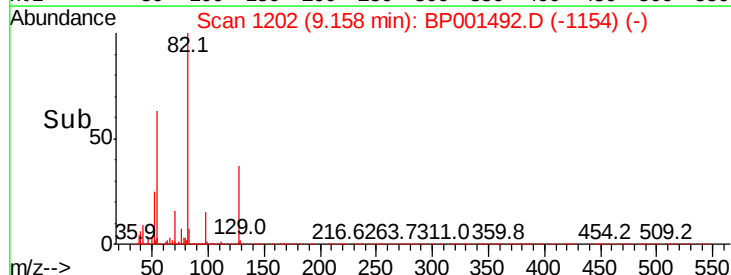
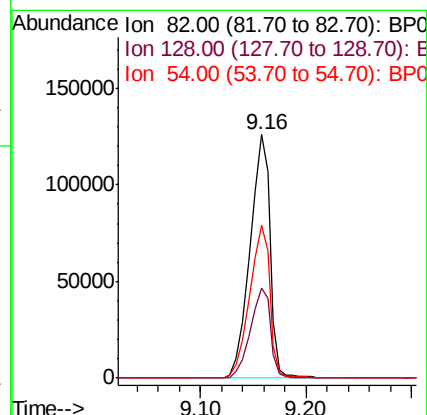
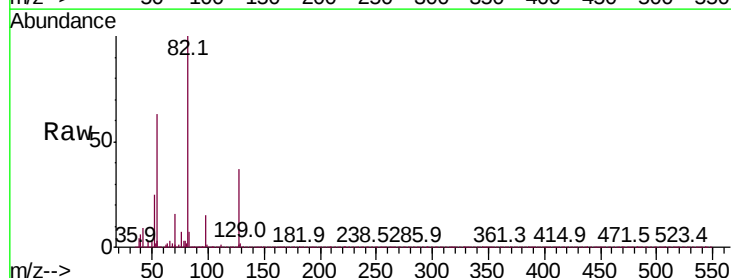
Instrument :
BNA_P
ClientSampleId :
LIED-BF006-01

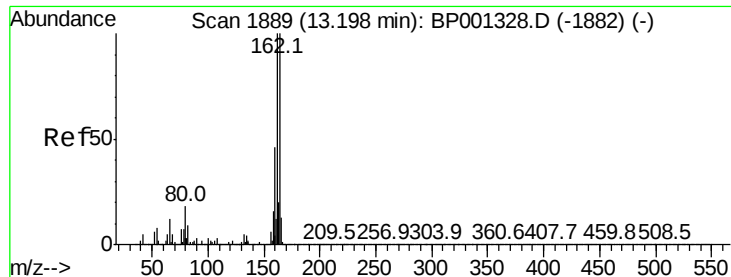
Tot Ion:	136	Resp:	77776
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.4	7.3	10.9
68	3.5	3.8	5.6#



#23
Nitrobenzene-d5
Concen: 82.169 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BP001492.D
Acq: 28 Dec 2019 23:31

Tgt Ion:	82	Resp:	166421
Ion	Ratio	Lower	Upper
82	100		
128	37.1	27.4	41.0
54	62.7	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: BP001492.D

Acq: 28 Dec 2019 23:31

Instrument :

BNA_P

ClientSampleId :

LIED-BF006-01

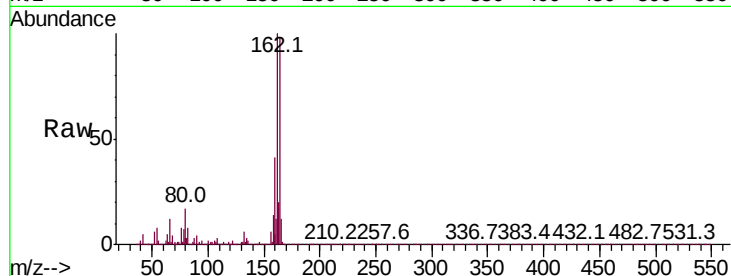
Tot Ion:164 Resp: 48444

Ion Ratio Lower Upper

164 100

162 102.3 78.2 117.4

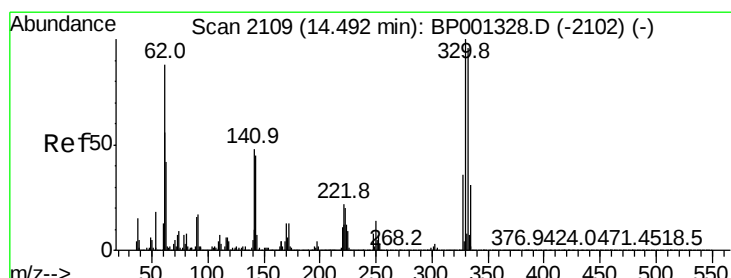
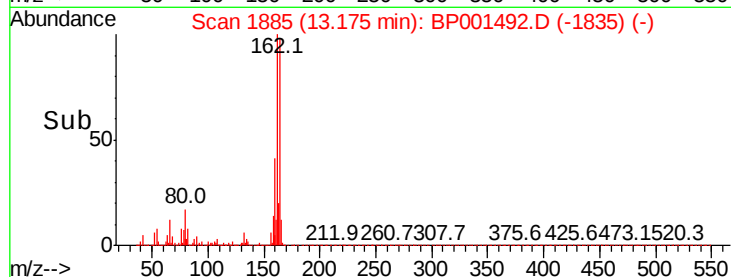
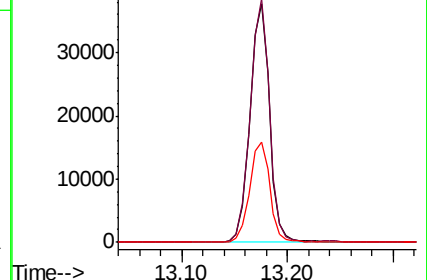
160 42.3 35.1 52.7



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: 153.721 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001492.D

Acq: 28 Dec 2019 23:31

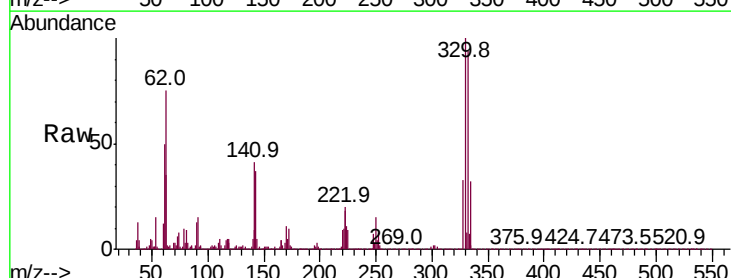
Tgt Ion:330 Resp: 93103

Ion Ratio Lower Upper

330 100

332 95.2 78.3 117.5

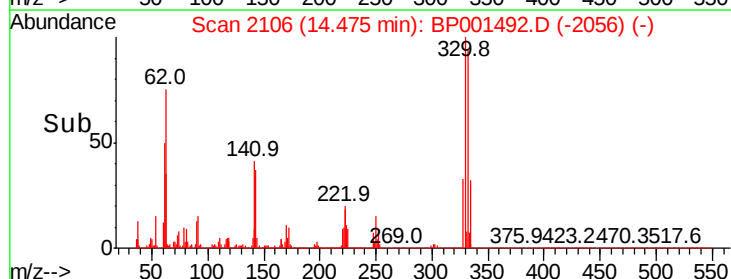
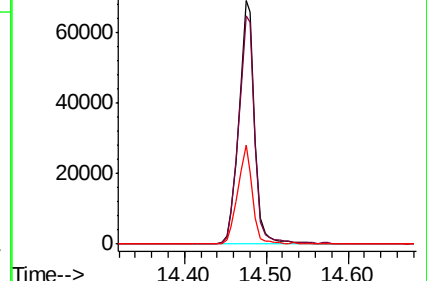
141 38.1 26.8 40.2

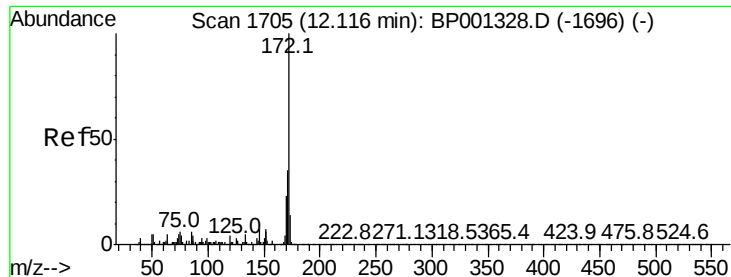


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

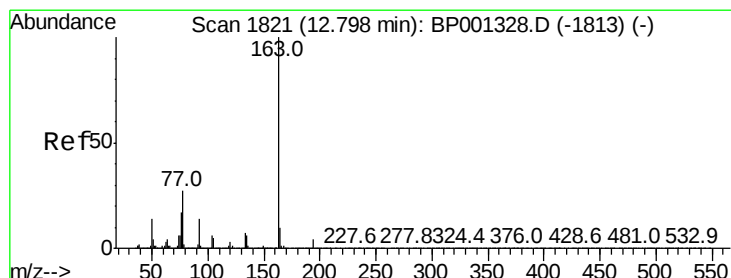
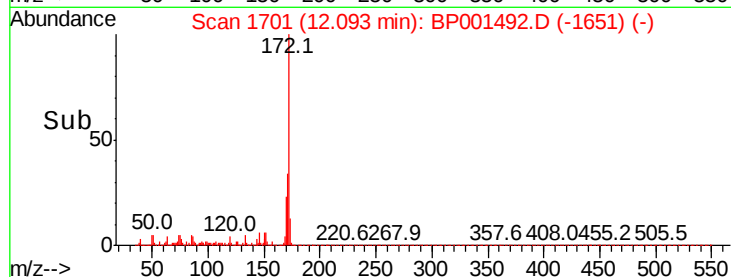
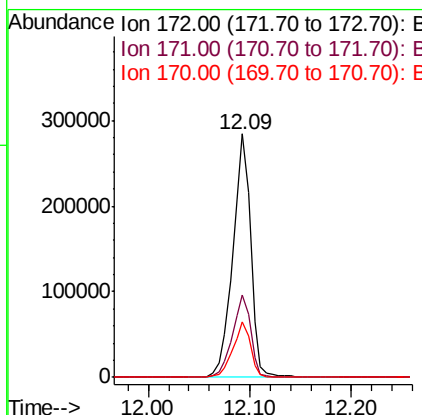
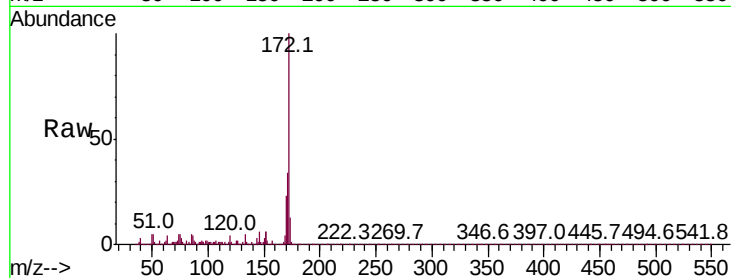




#45
2-Fluorobiphenyl
Concen: 91.266 ng
RT: 12.09 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BP001492.D
Acq: 28 Dec 2019 23:31

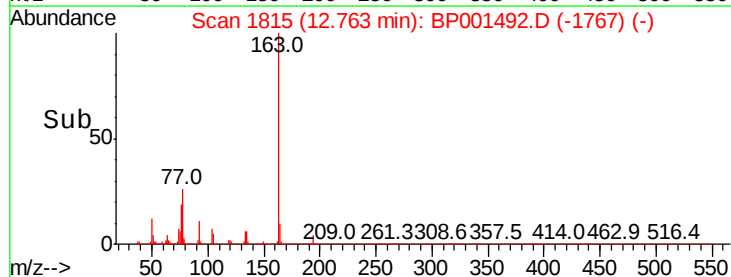
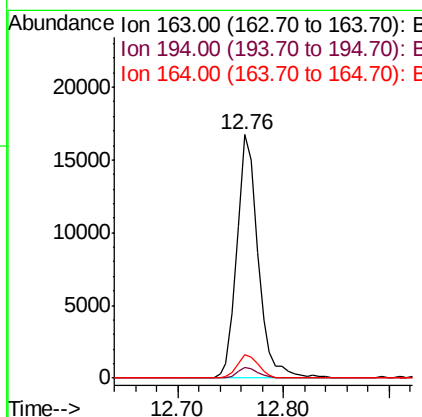
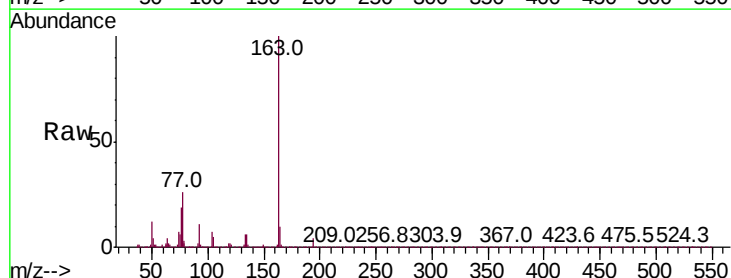
Instrument :
BNA_P
ClientSampleId :
LIED-BF006-01

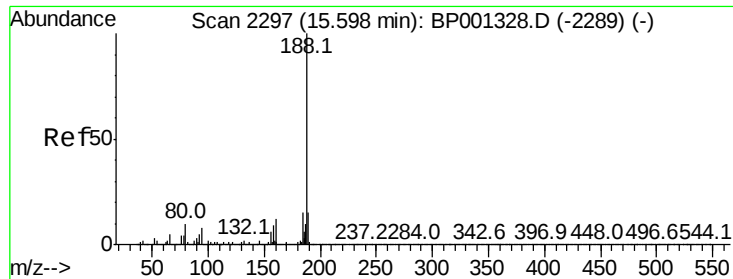
Tot Ion:172 Resp: 349651
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 22.6 18.2 27.4



#50
Dimethylphthalate
Concen: 5.822 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BP001492.D
Acq: 28 Dec 2019 23:31

Tgt Ion:163 Resp: 23138
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.6 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BP001492.D

Acq: 28 Dec 2019 23:31

Instrument :

BNA_P

ClientSampleId :

LIED-BF006-01

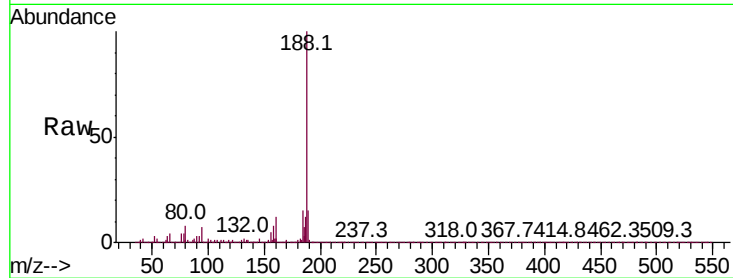
Tot Ion:188 Resp: 99104

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

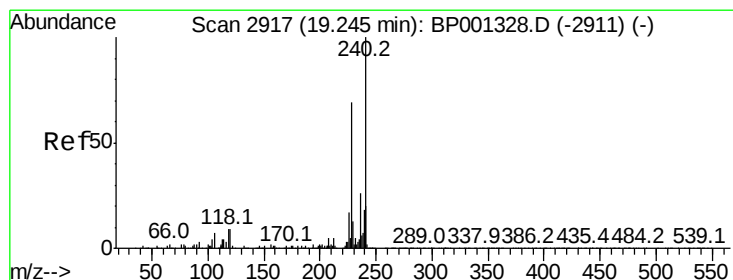
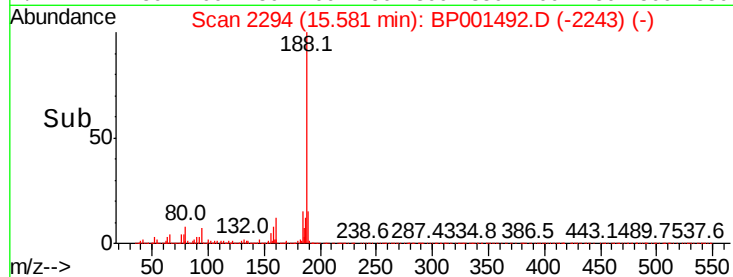
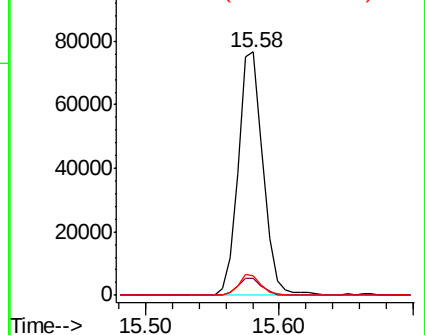
80 7.9 5.7 8.5



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: 19.23 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BP001492.D

Acq: 28 Dec 2019 23:31

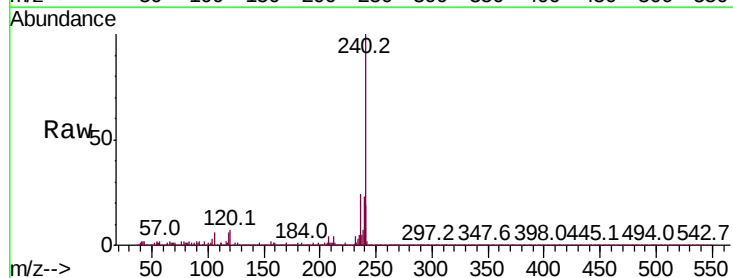
Tgt Ion:240 Resp: 82260

Ion Ratio Lower Upper

240 100

120 6.6 6.2 9.2

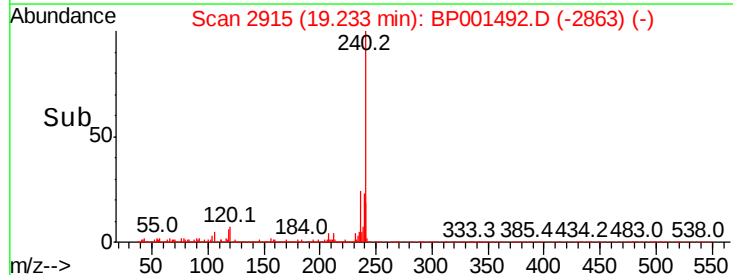
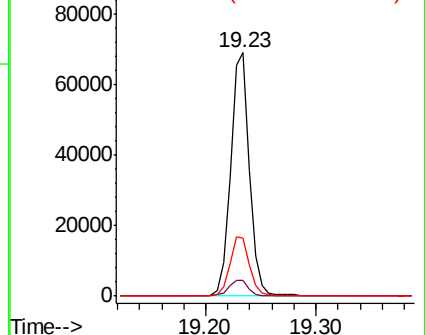
236 24.1 20.2 30.2

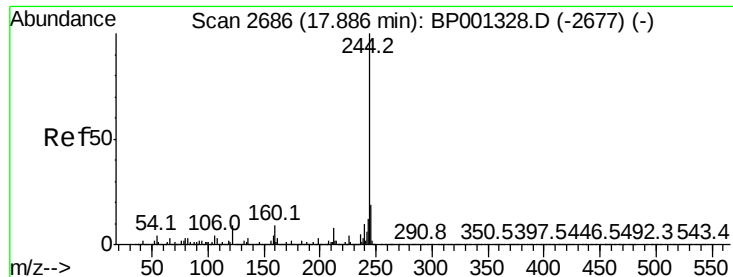


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.994 ng

RT: 17.87 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BP001492.D

Acq: 28 Dec 2019 23:31

Instrument :

BNA_P

ClientSampleId :

LIED-BF006-01

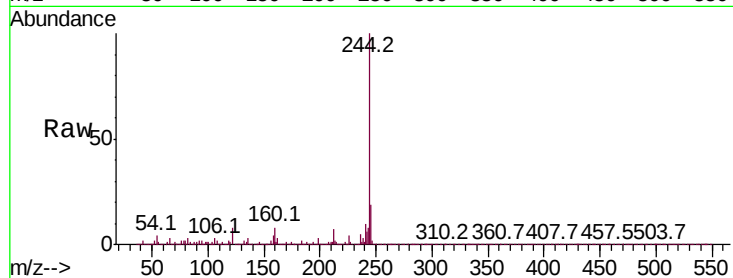
Tot Ion:244 Resp: 480246

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

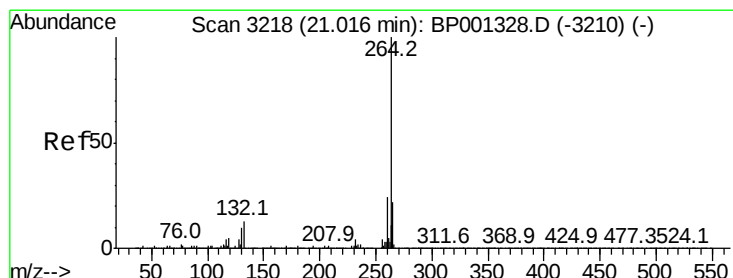
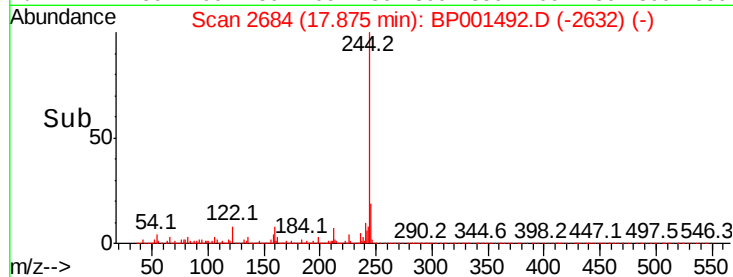
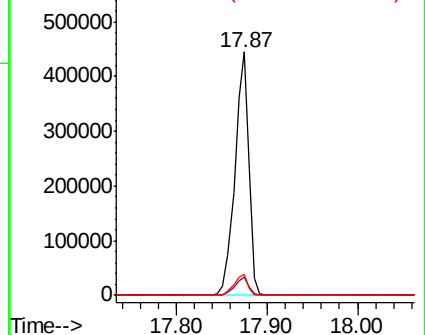
122 8.4 6.4 9.6



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: 21.00 min Scan# 3216

Delta R.T. 0.01 min

Lab File: BP001492.D

Acq: 28 Dec 2019 23:31

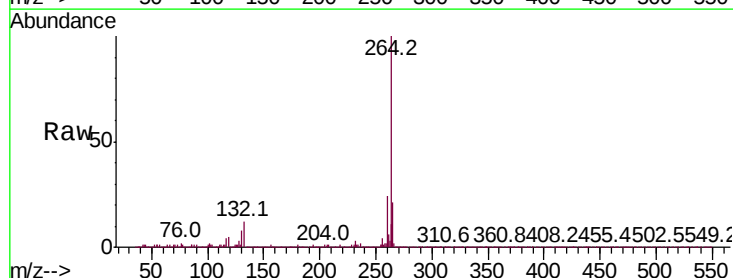
Tgt Ion:264 Resp: 82633

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 21.3 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

