

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000444.D
 Acq On : 27 Sep 2019 03:02
 Operator : JU
 Sample : K4657-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-092419

Quant Time: Sep 27 06:30:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

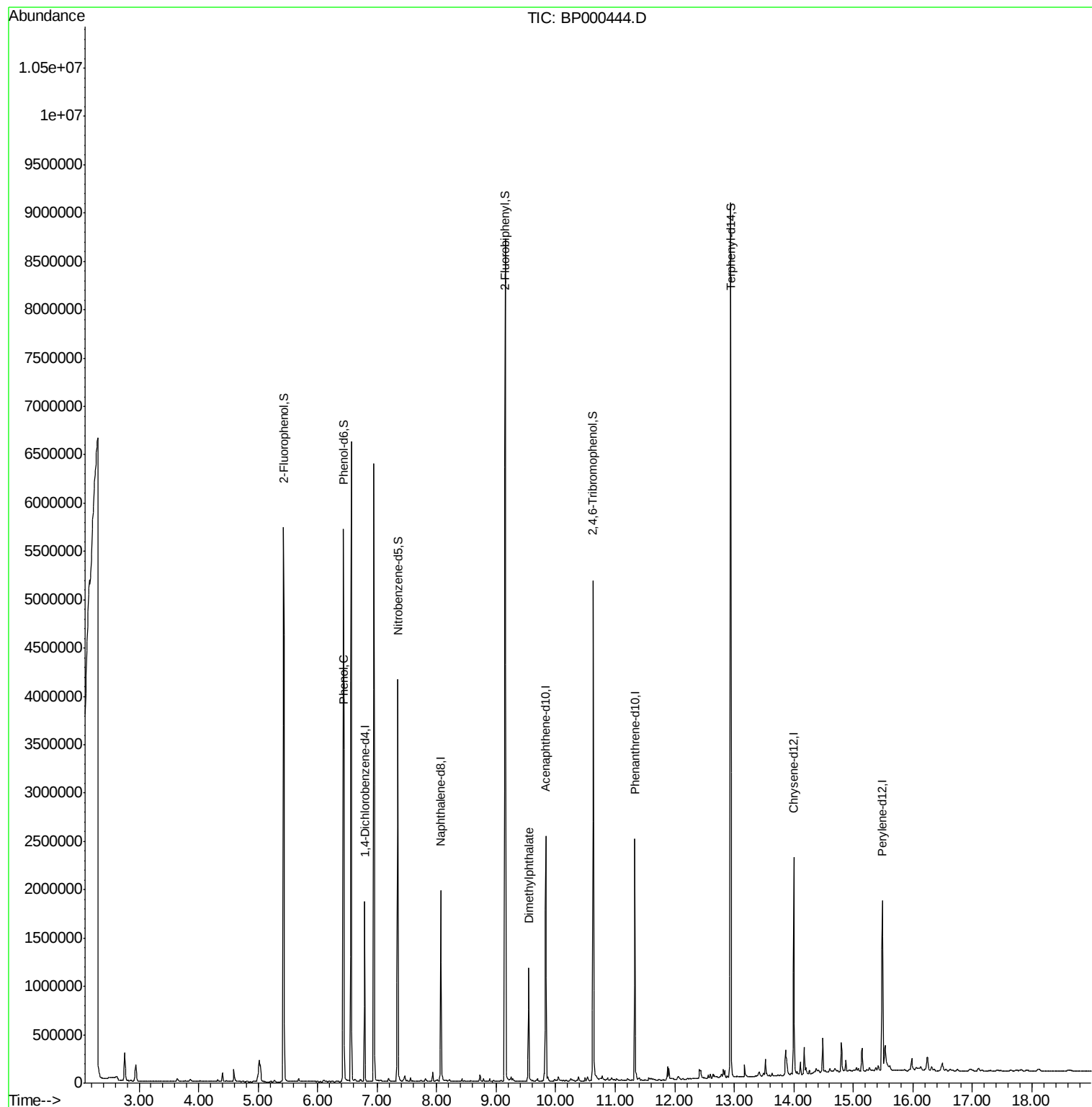
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	259022	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	930456	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	502158	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	889326	20.00	ng	0.00
76) Chrysene-d12	14.00	240	740507	20.00	ng	0.00
87) Perylene-d12	15.49	264	801314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1967127	131.11	ng	0.02
7) Phenol-d6	6.43	99	2416674	131.40	ng	0.01
23) Nitrobenzene-d5	7.35	82	1450356	100.57	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	743990	149.37	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2987069	107.06	ng	0.00
79) Terphenyl-d14	12.94	244	3290855	93.23	ng	0.00
Target Compounds						
10) Phenol	6.45	94	45859	2.195	ng	98
50) Dimethylphthalate	9.55	163	495670	14.488	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: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

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ClientSampleId :

BU-03-092419

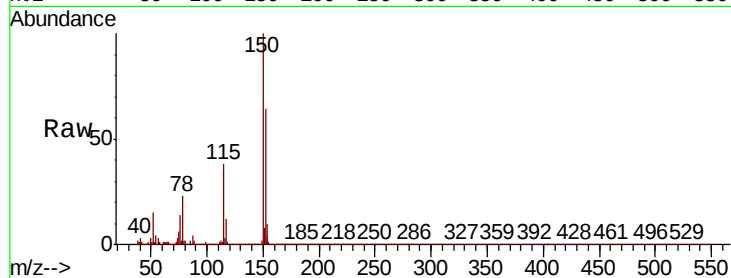
Tot Ion:152 Resp: 259022

Ion Ratio Lower Upper

152 100

150 157.1 125.2 187.8

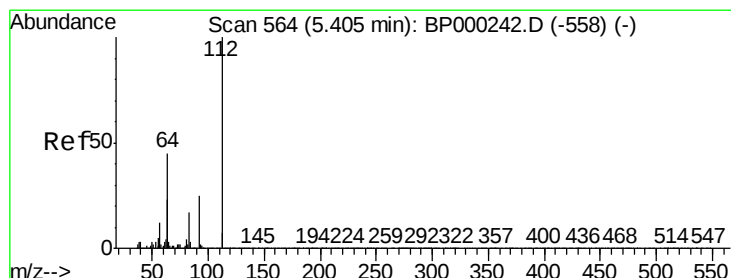
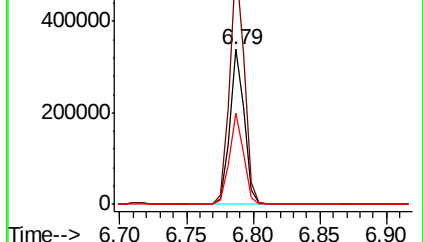
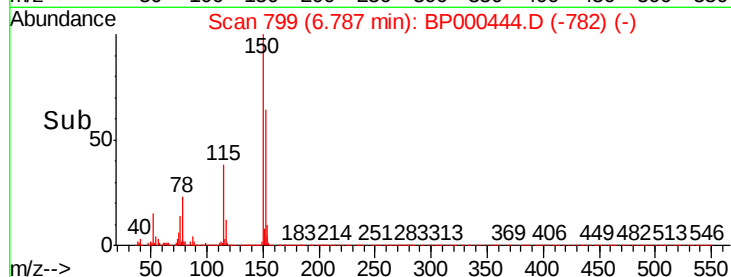
115 59.3 49.7 74.5



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: 131.107 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

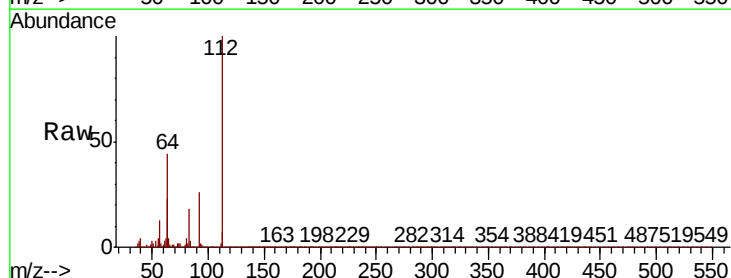
Tgt Ion:112 Resp: 1967127

Ion Ratio Lower Upper

112 100

64 44.1 36.2 54.4

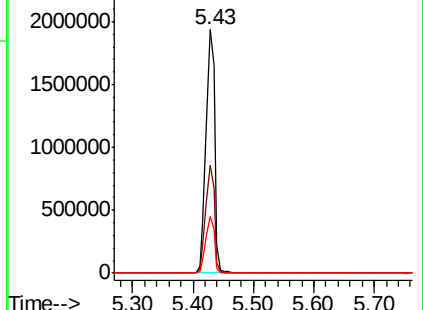
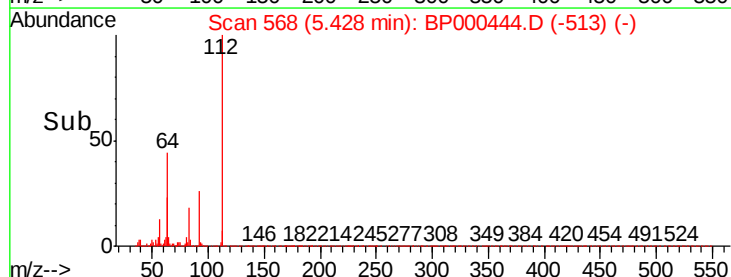
63 23.1 18.3 27.5

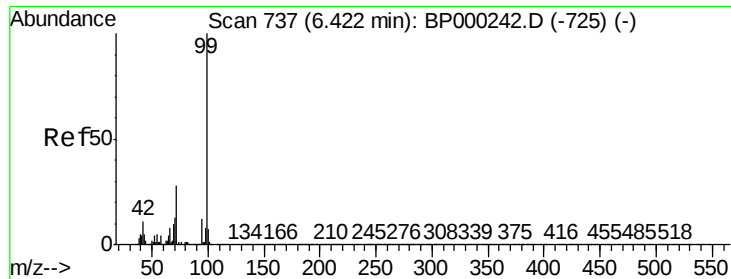


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 131.400 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

Instrument :

BNA_P

ClientSampleId :

BU-03-092419

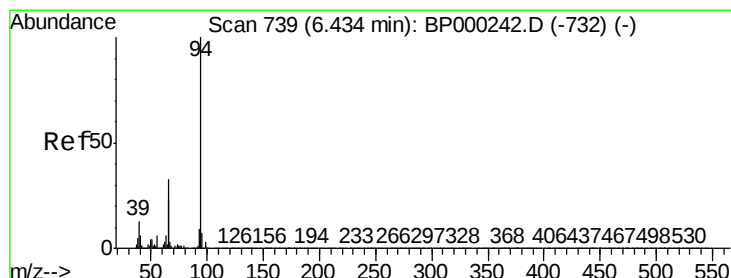
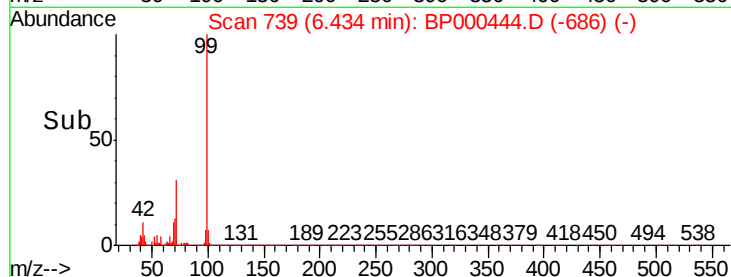
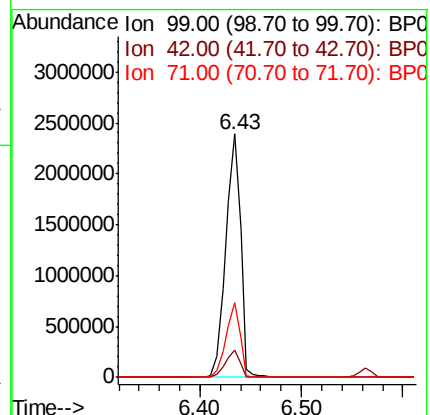
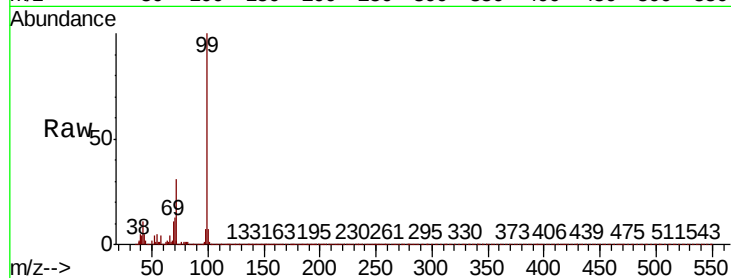
Tot Ion: 99 Resp: 2416674

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

71 30.6 22.6 34.0



#10

Phenol

Concen: 2.195 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

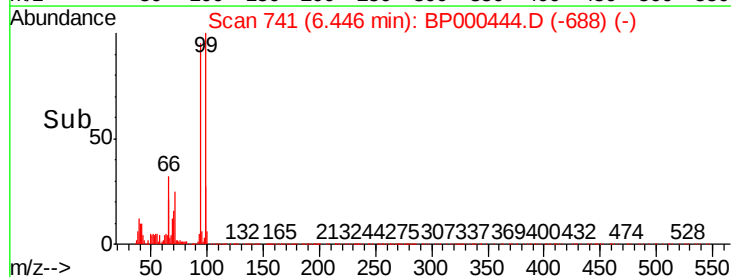
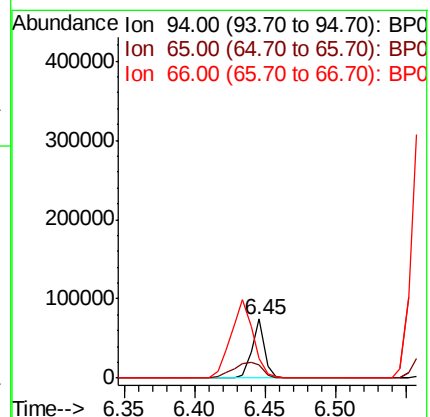
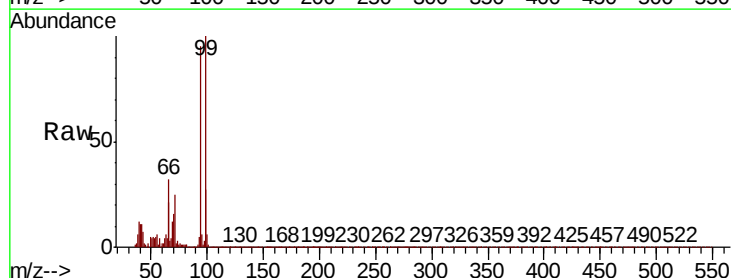
Tgt Ion: 94 Resp: 45859

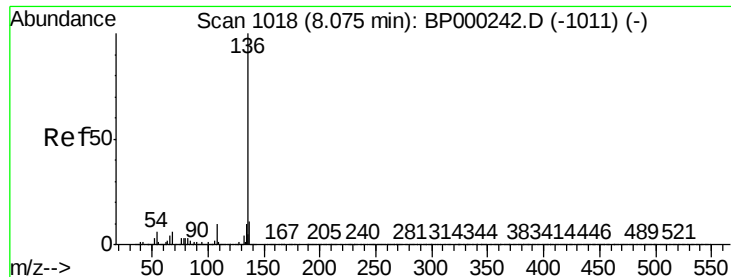
Ion Ratio Lower Upper

94 100

65 22.6 3.3 43.3

66 33.8 12.7 52.7

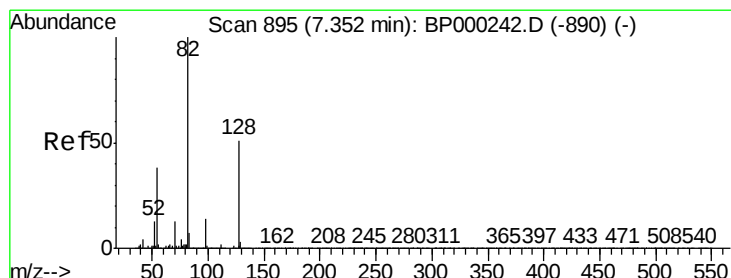
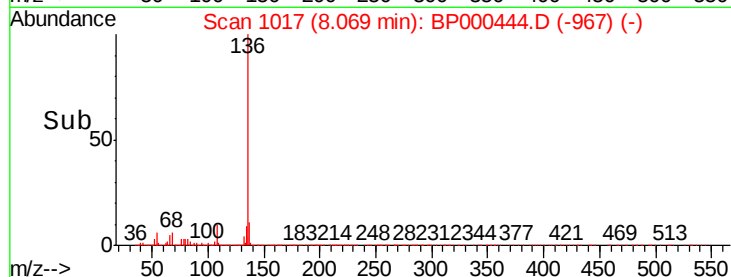
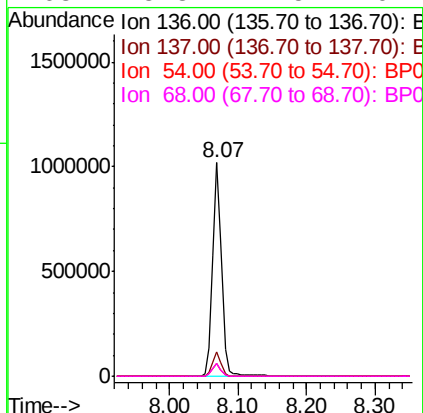
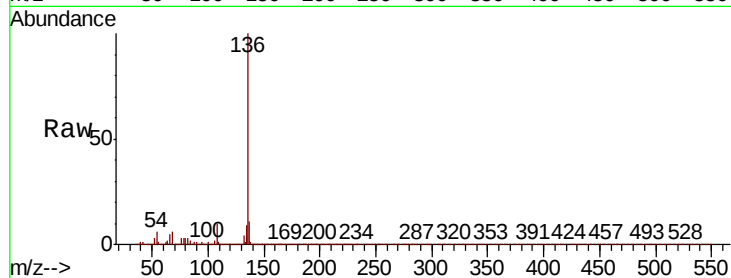




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000444.D
Acq: 27 Sep 2019 03:02

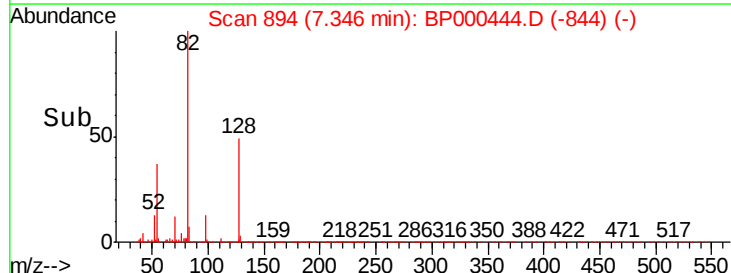
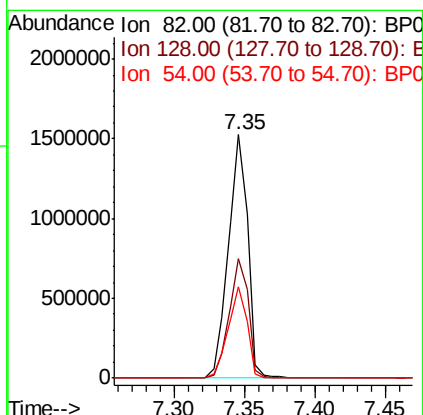
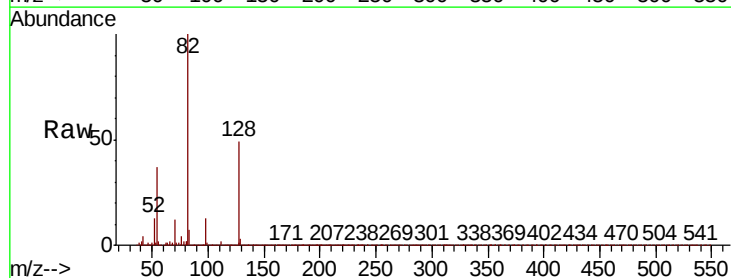
Instrument :
BNA_P
ClientSampleId :
BU-03-092419

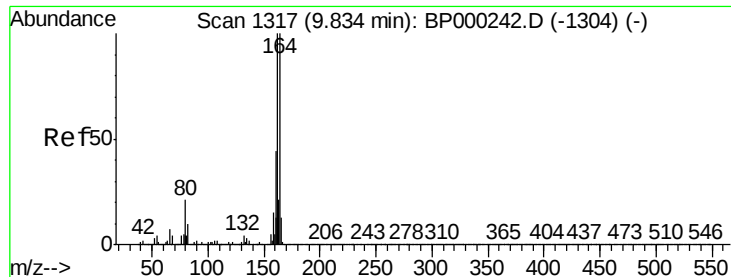
Tot Ion:136	Resp:	930456
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.6	13.0
54 5.9	4.5	6.7
68 5.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 100.570 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000444.D
Acq: 27 Sep 2019 03:02

Tgt Ion: 82	Resp: 1450356
Ion Ratio	Lower Upper
82 100	
128 49.2	40.7 61.1
54 37.3	30.1 45.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

Instrument :

BNA_P

ClientSampleId :

BU-03-092419

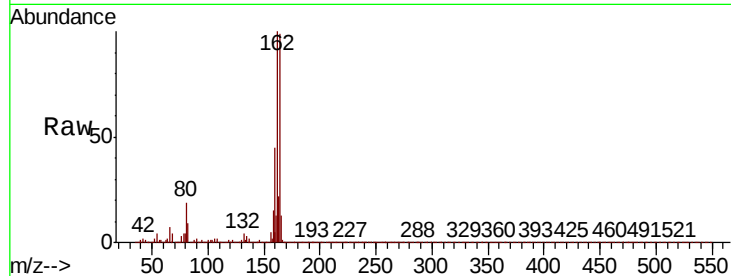
Tot Ion:164 Resp: 502158

Ion Ratio Lower Upper

164 100

162 101.3 79.9 119.9

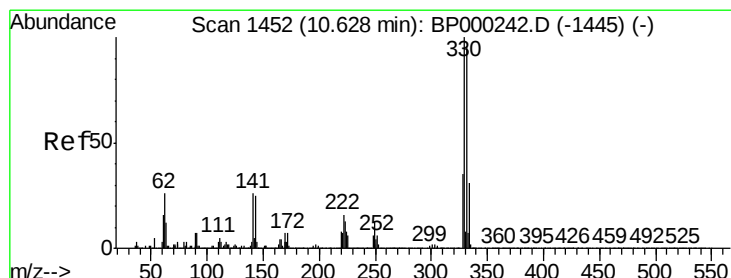
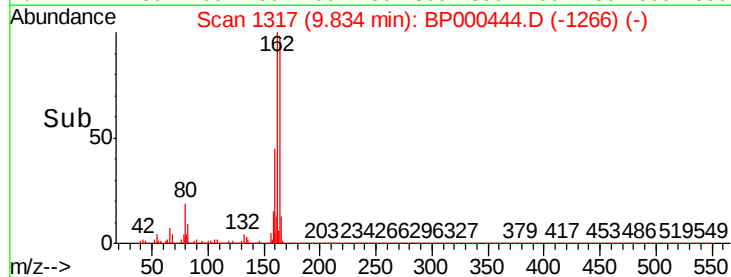
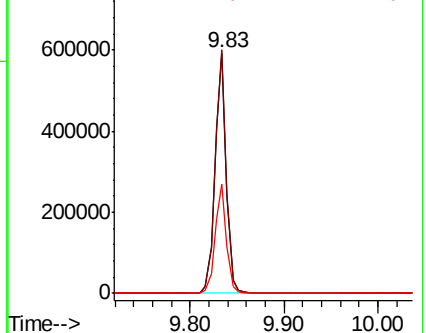
160 45.6 35.6 53.4



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: 149.374 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

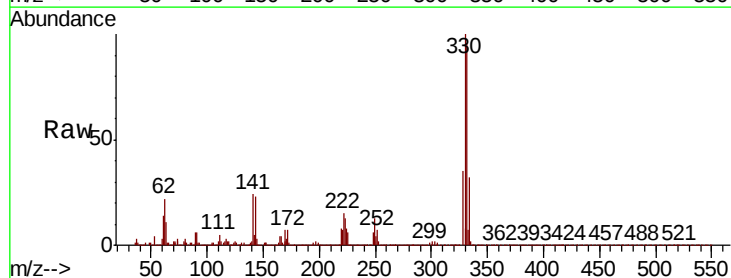
Tgt Ion:330 Resp: 743990

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

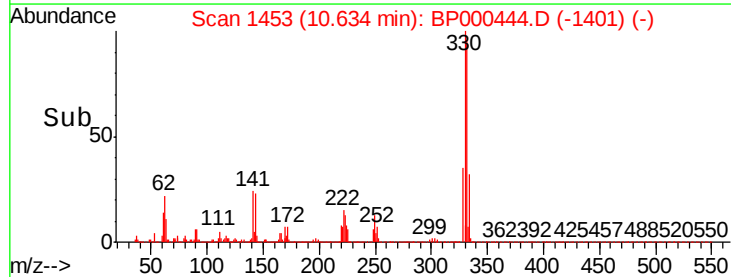
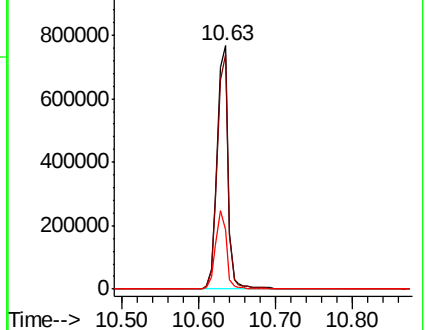
141 32.1 26.5 39.7

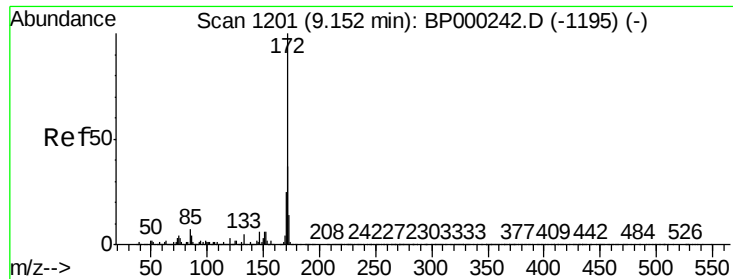


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

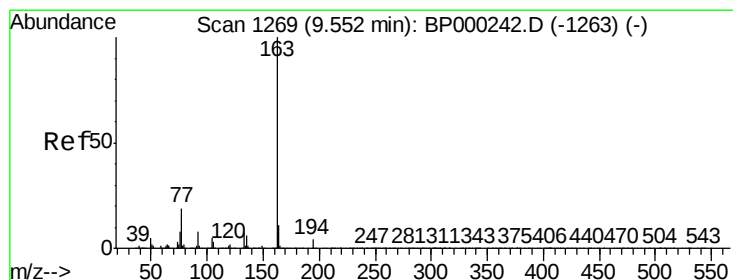
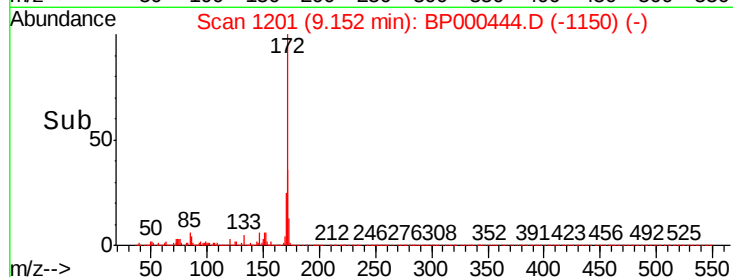
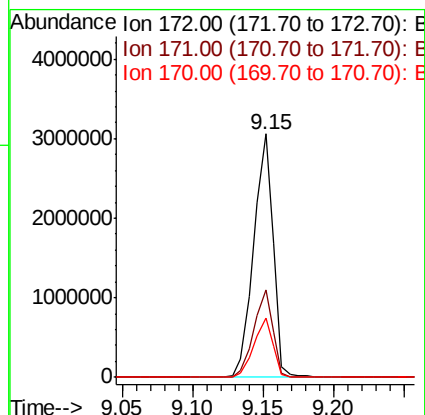
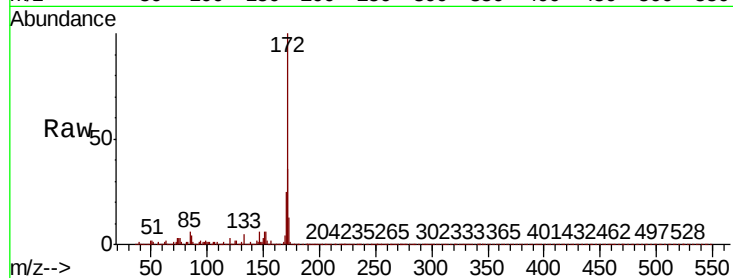




#45
2-Fluorobiphenyl
Concen: 107.061 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000444.D
Acq: 27 Sep 2019 03:02

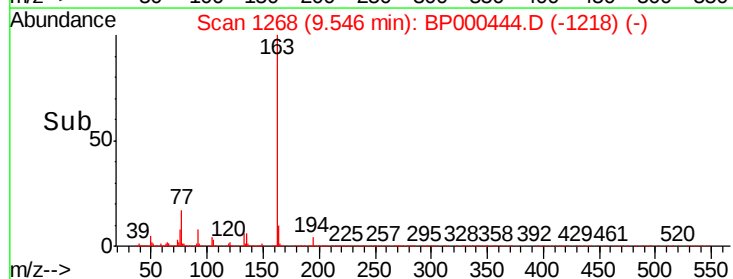
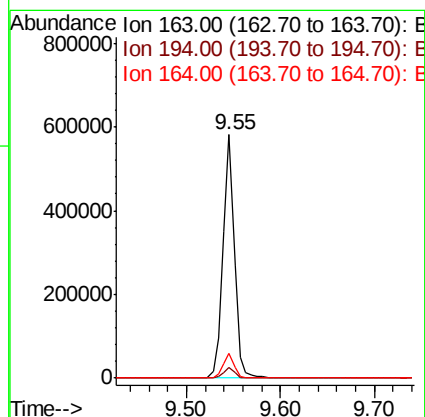
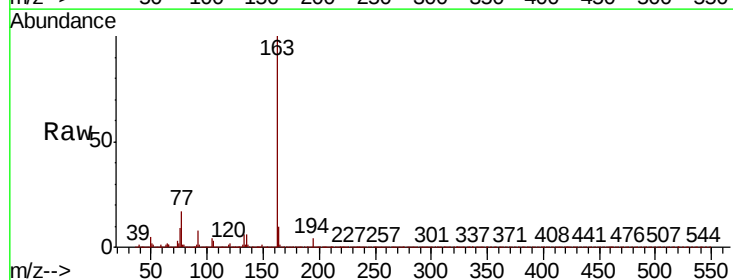
Instrument :
BNA_P
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BU-03-092419

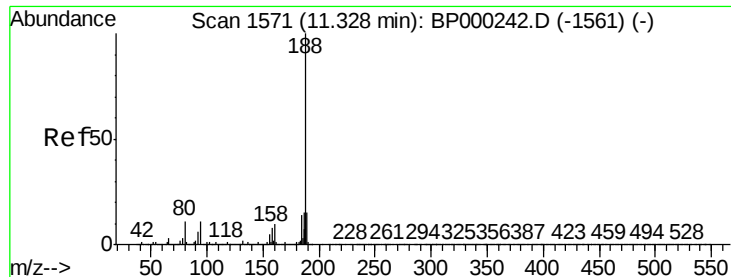
Tot Ion:172 Resp: 2987069
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 24.6 19.8 29.6



#50
Dimethylphthalate
Concen: 14.488 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000444.D
Acq: 27 Sep 2019 03:02

Tgt Ion:163 Resp: 495670
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.0 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

Instrument :

BNA_P

ClientSampleId :

BU-03-092419

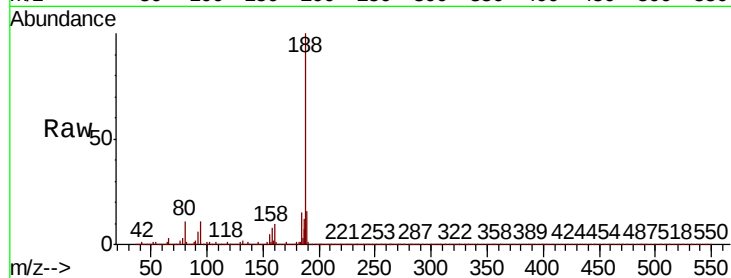
Tot Ion:188 Resp: 889326

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

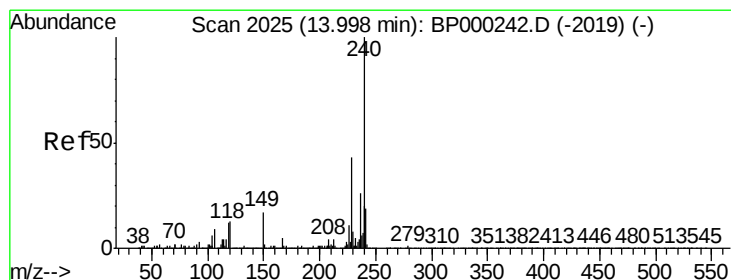
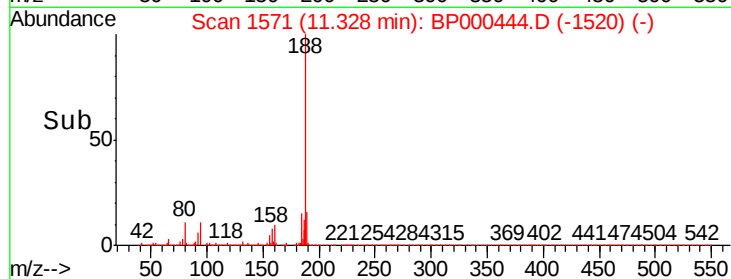
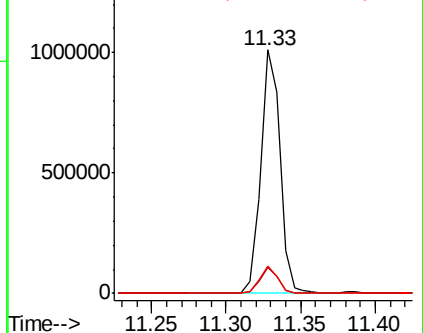
80 11.1 8.6 13.0



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: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

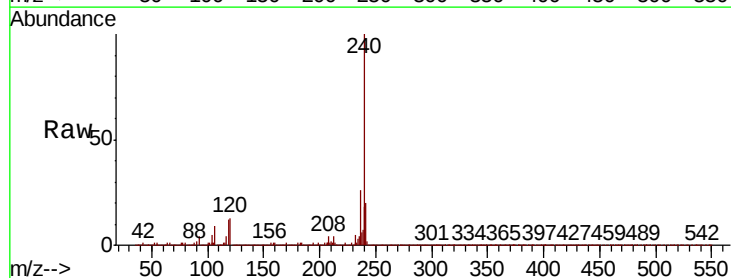
Tgt Ion:240 Resp: 740507

Ion Ratio Lower Upper

240 100

120 13.2 10.4 15.6

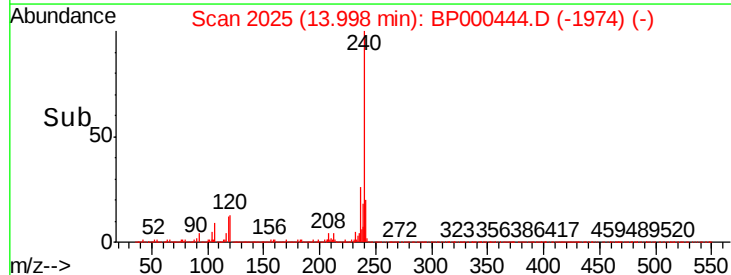
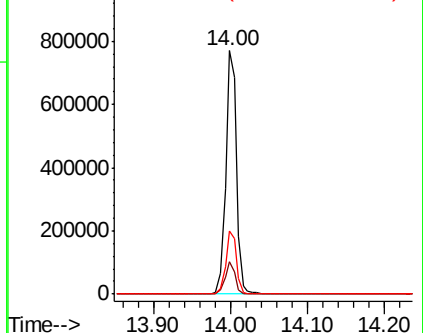
236 25.9 21.0 31.6

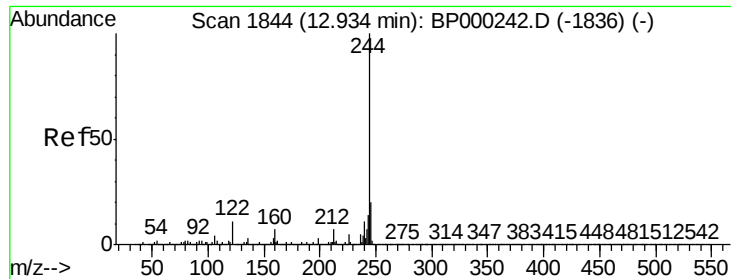


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.229 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

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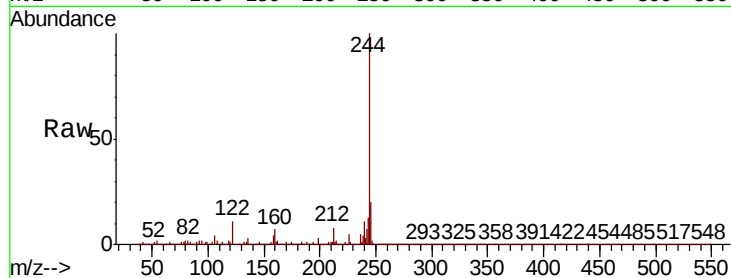
Tot Ion:244 Resp: 3290855

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

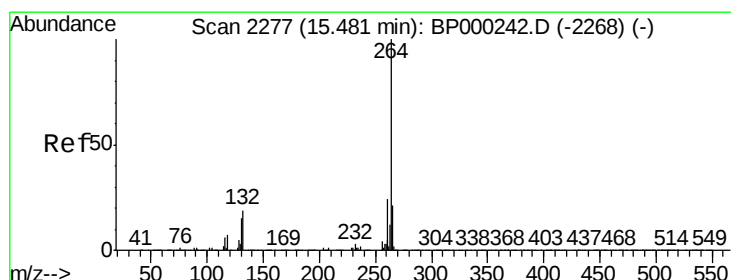
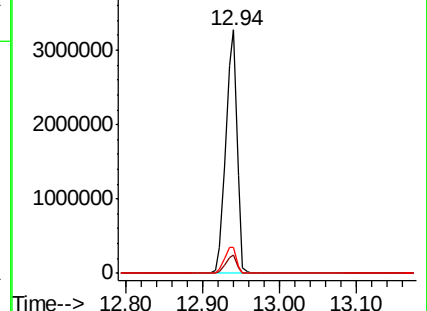
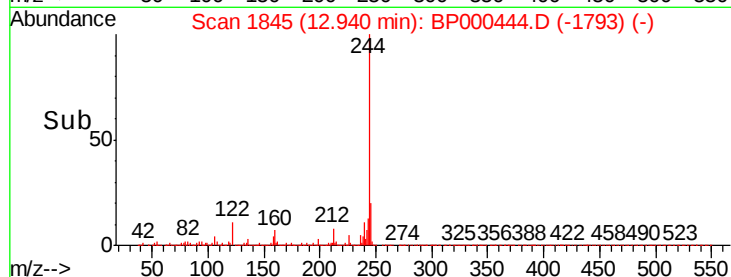
122 10.8 9.0 13.4



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BP000444.D

Acq: 27 Sep 2019 03:02

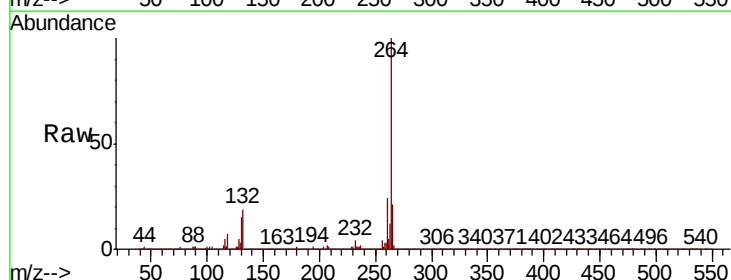
Tgt Ion:264 Resp: 801314

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.4 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

