

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000338.D
 Acq On : 19 Sep 2019 18:28
 Operator : HP/JU
 Sample : K4962-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TH-4

Quant Time: Sep 20 05:35:19 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

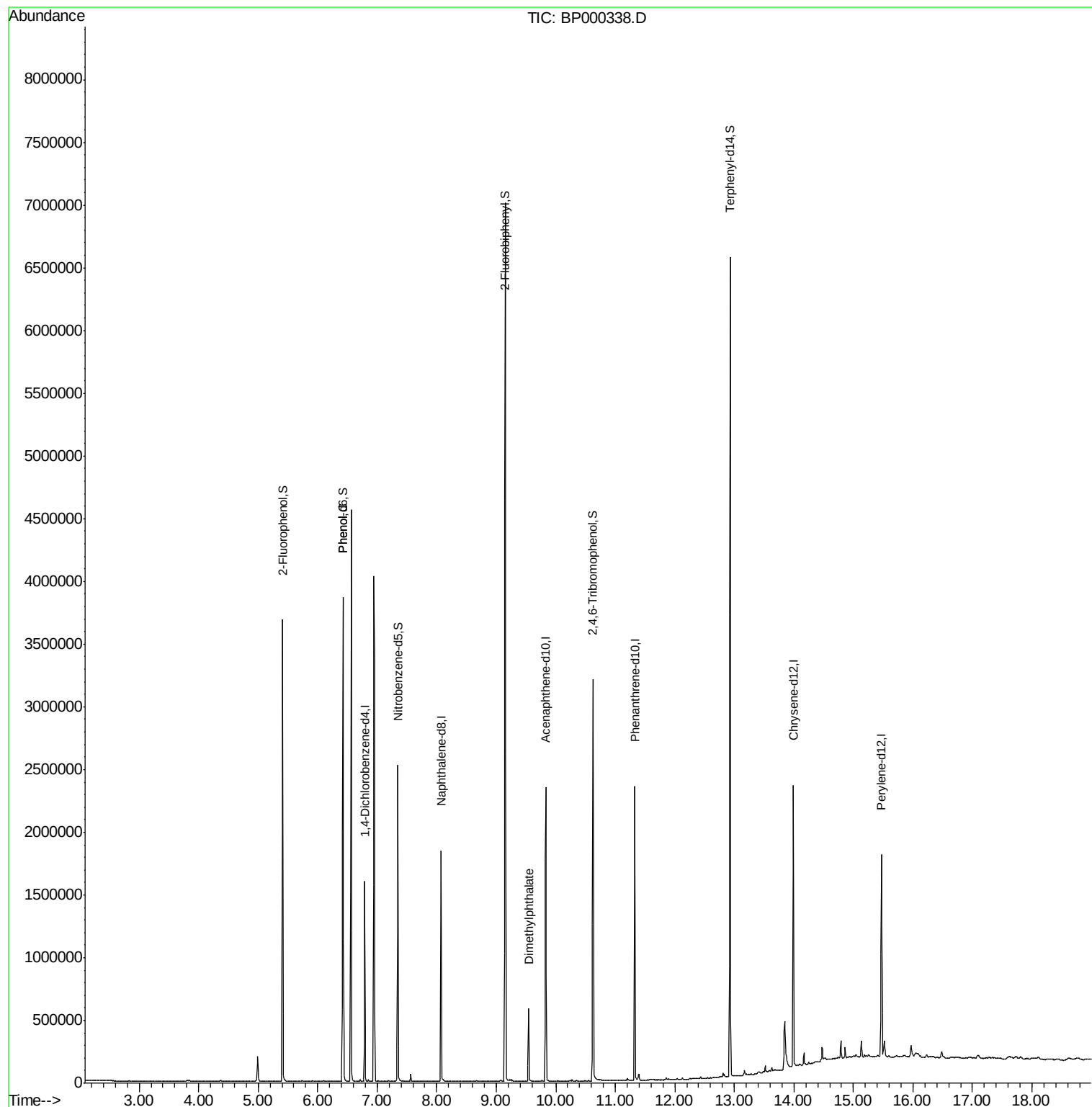
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	238232	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	844557	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	455875	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	797397	20.00	ng	0.00
76) Chrysene-d12	13.99	240	693400	20.00	ng	0.00
87) Perylene-d12	15.47	264	773389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1228698	89.04	ng	0.00
7) Phenol-d6	6.43	99	1564616	92.50	ng	0.00
23) Nitrobenzene-d5	7.35	82	834249	63.73	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	424503	93.88	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1964823	77.57	ng	0.00
79) Terphenyl-d14	12.93	244	2165831	65.53	ng	0.00
Target Compounds						
10) Phenol	6.43	94	97170	5.056	ng	88
50) Dimethylphthalate	9.55	163	254211	8.185	ng	99

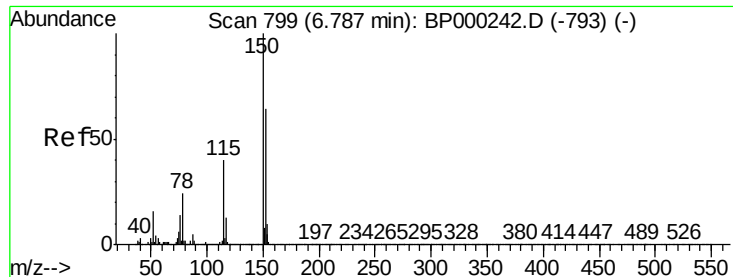
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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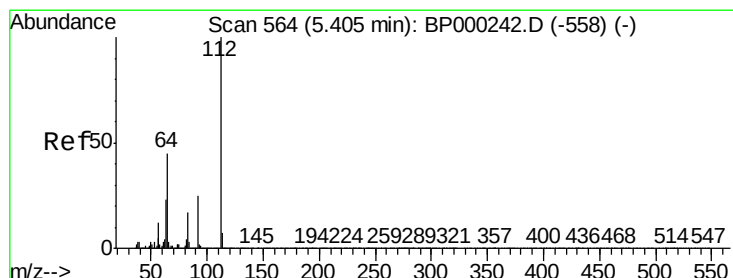
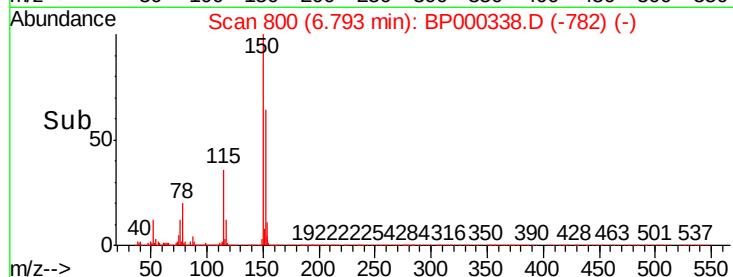
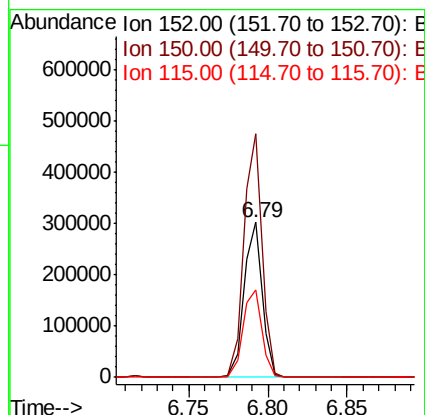
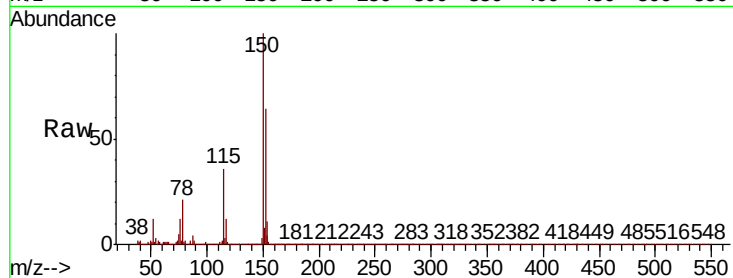


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000338.D
Acq: 19 Sep 2019 18:28

Instrument :
BNA_P
ClientSampleId :
TH-4

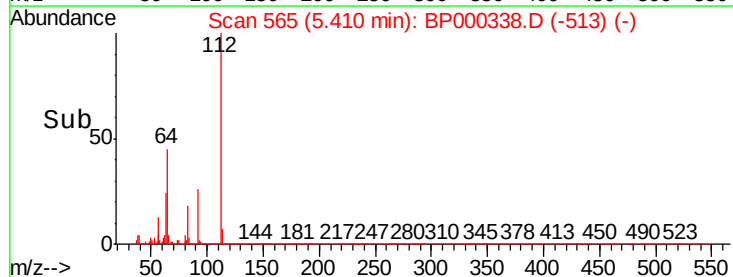
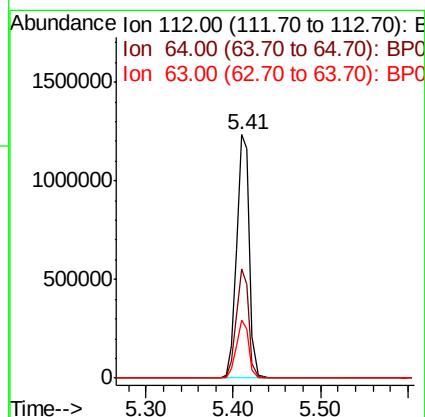
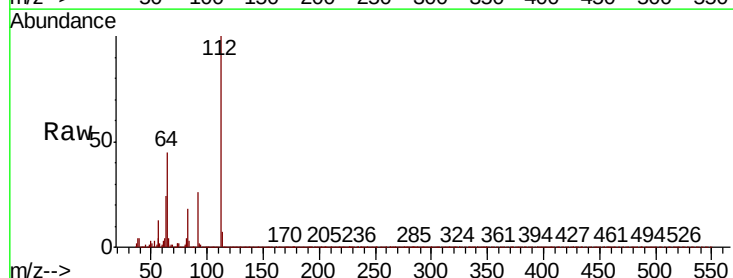
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.2	187.8
115	56.7	49.7	74.5

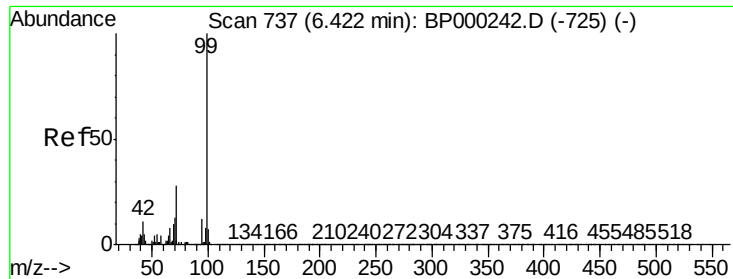


#5

2-Fluorophenol
Concen: 89.038 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000338.D
Acq: 19 Sep 2019 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.0	36.2	54.4
63	23.9	18.3	27.5





#7

Phenol-d6

Concen: 92.496 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

Instrument :

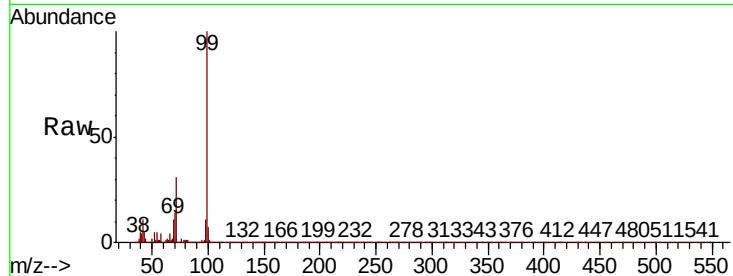
BNA_P

ClientSampleId :

TH-4

Tot Ion: 99 Resp: 1564616

Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.5	12.7
71	31.1	22.6	34.0

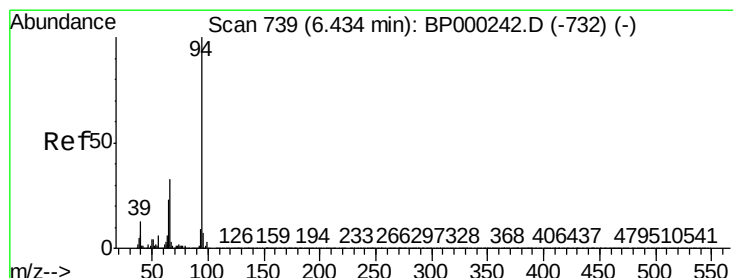
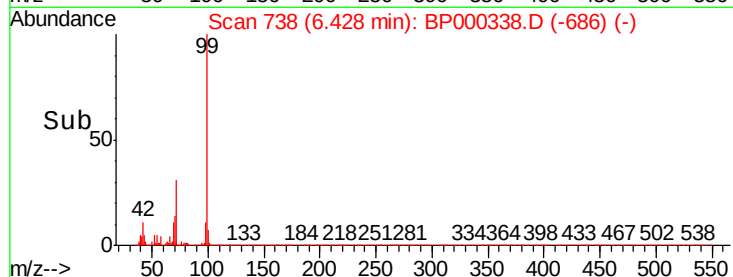
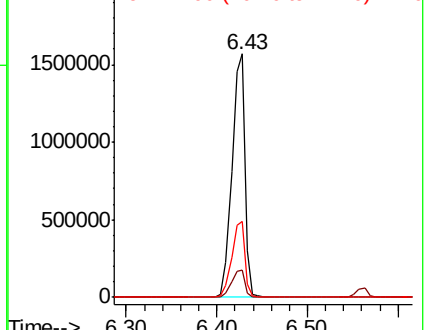


Abundance

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: 5.056 ng

RT: 6.43 min Scan# 739

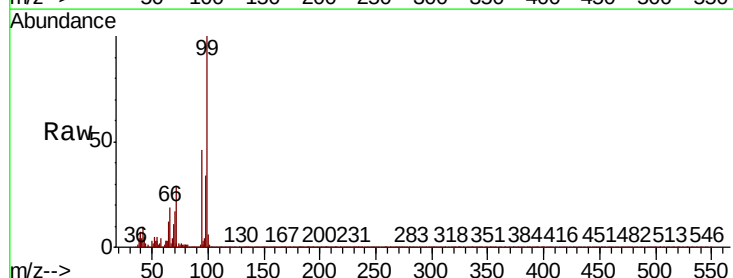
Delta R.T. -0.00 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

Tgt Ion: 94 Resp: 97170

Ion	Ratio	Lower	Upper
94	100		
65	25.9	3.3	43.3
66	42.1	12.7	52.7

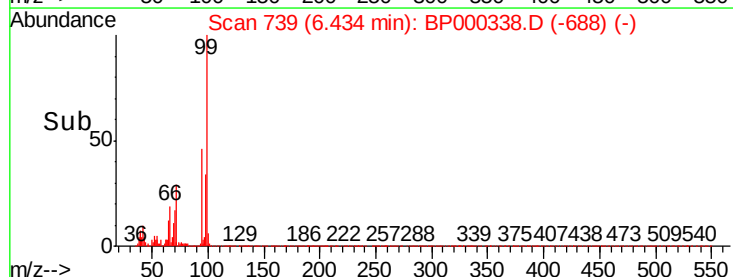
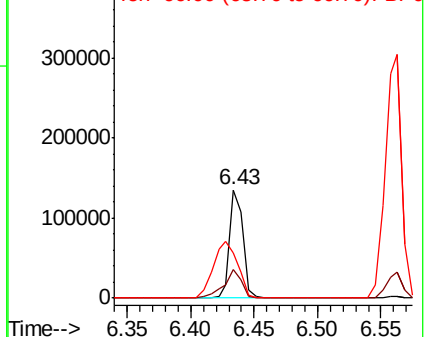


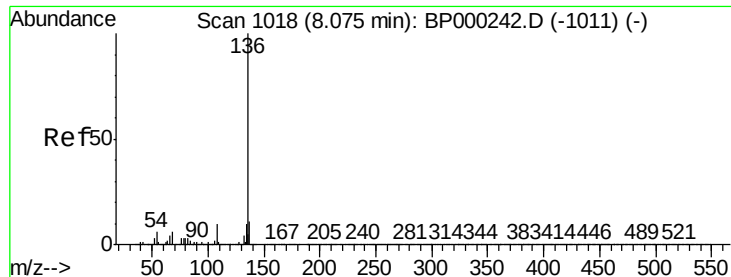
Abundance

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

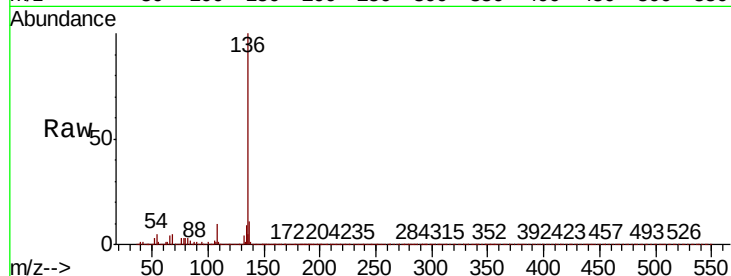




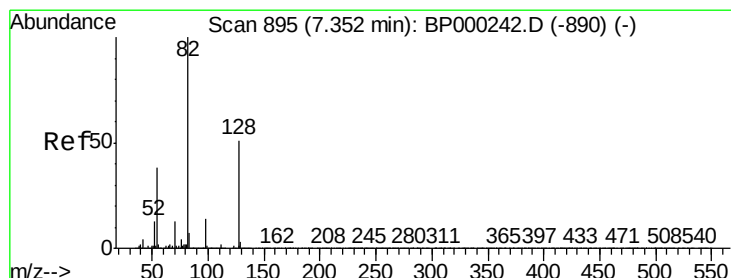
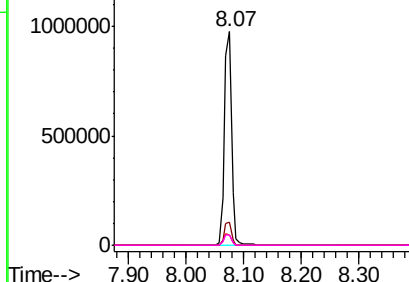
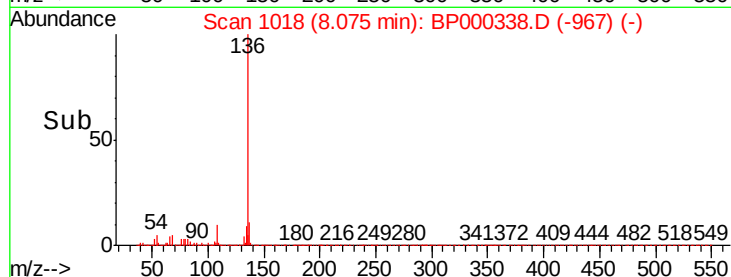
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000338.D
Acq: 19 Sep 2019 18:28

Instrument :
BNA_P
ClientSampled :
TH-4

Tot Ion:136	Resp:	844557
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 13.0
54	5.0	4.5 6.7
68	4.8	4.5 6.7

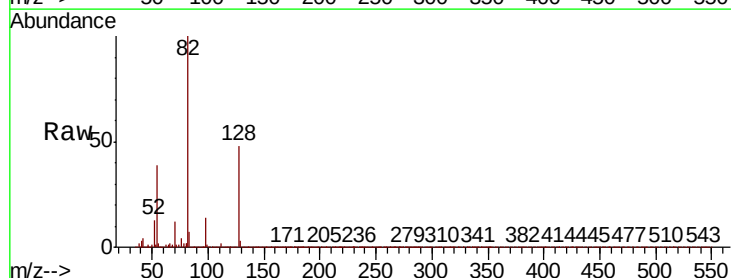


Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

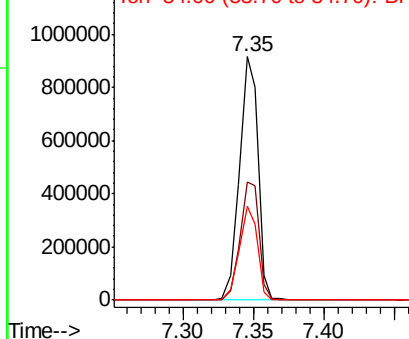
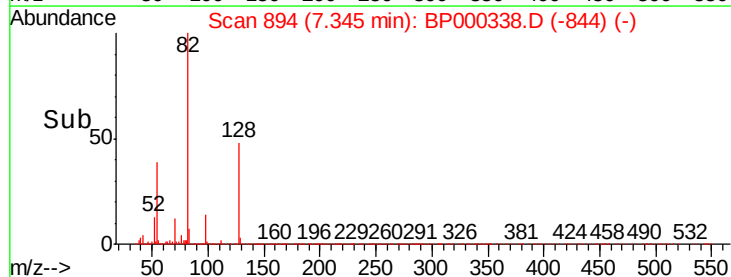


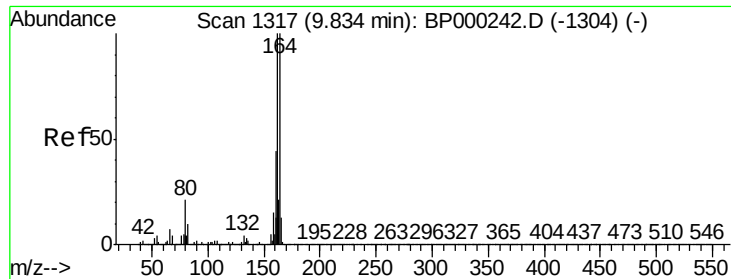
#23
Nitrobenzene-d5
Concen: 63.732 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000338.D
Acq: 19 Sep 2019 18:28

Tgt Ion: 82	Resp:	834249
Ion	Ratio	Lower Upper
82	100	
128	48.5	40.7 61.1
54	38.6	30.1 45.1



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

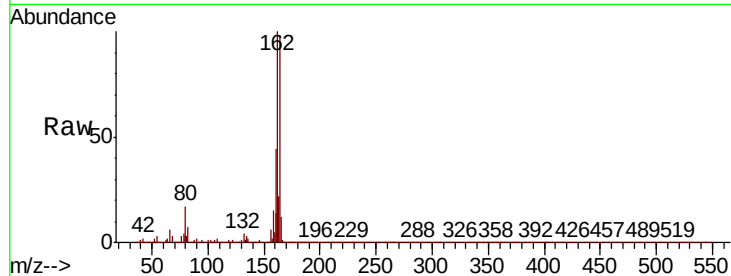




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000338.D
Acq: 19 Sep 2019 18:28

Instrument :
BNA_P
ClientSampleId :
TH-4

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.9	119.9
160	45.1	35.6	53.4

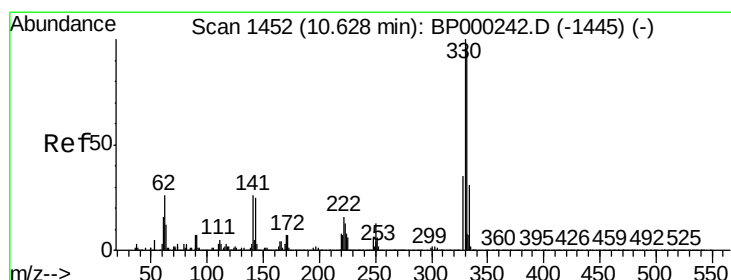
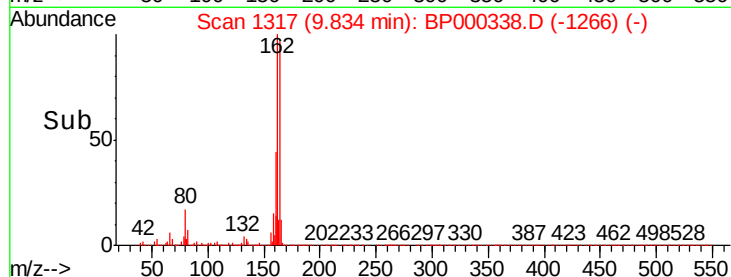
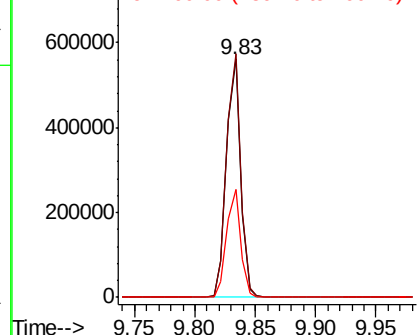


Abundance

Ion 164.00 (163.70 to 164.70): E

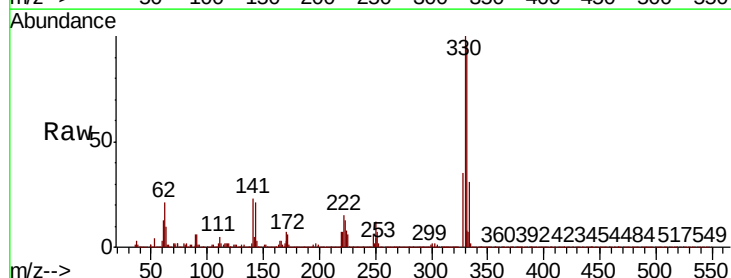
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 93.882 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000338.D
Acq: 19 Sep 2019 18:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	30.4	26.5	39.7

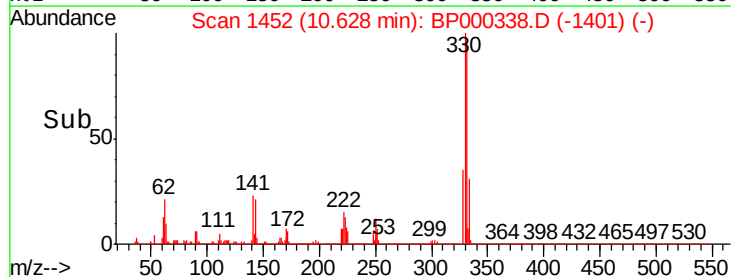
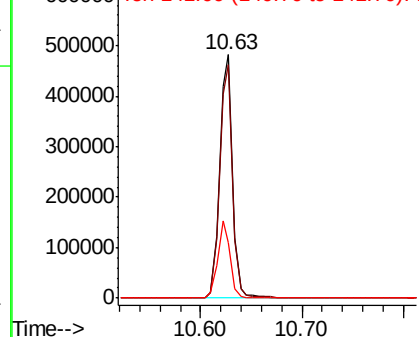


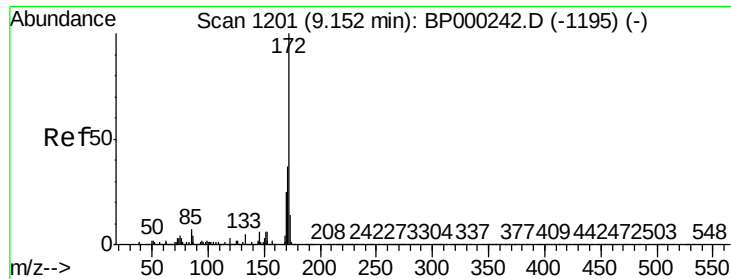
Abundance

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

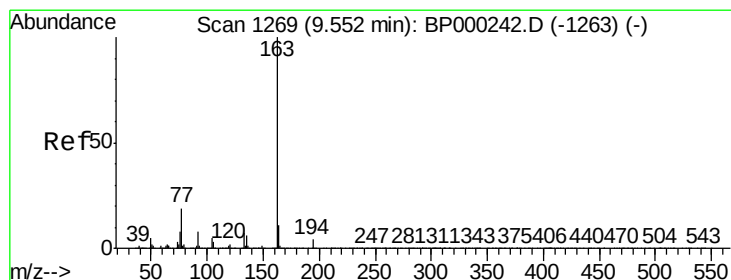
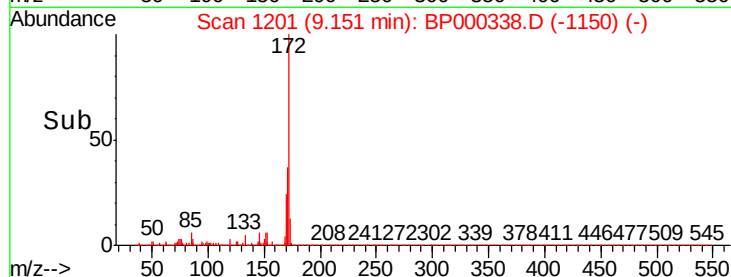
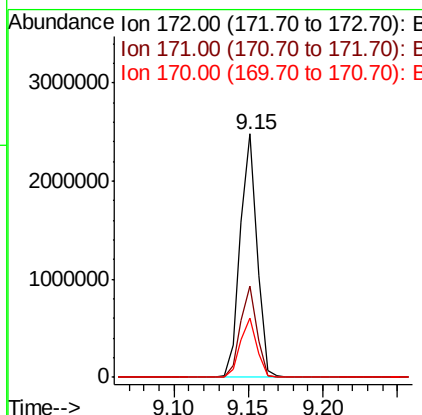
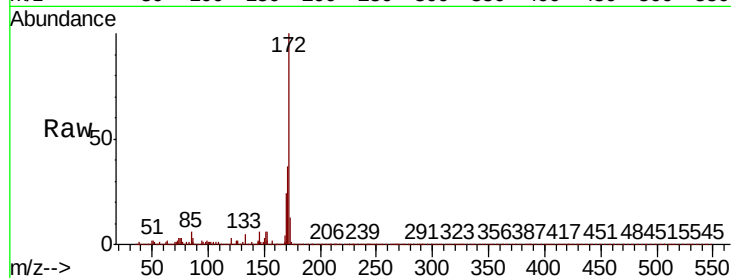




#45
2-Fluorobiphenyl
Concen: 77.572 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000338.D
Acq: 19 Sep 2019 18:28

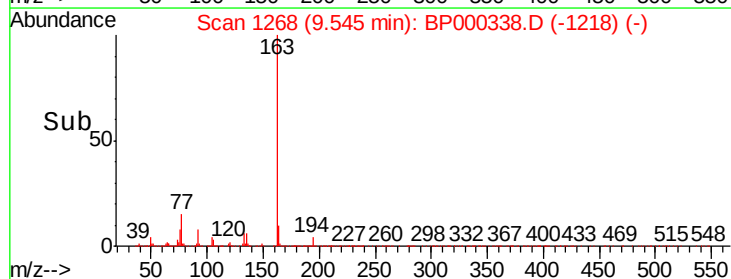
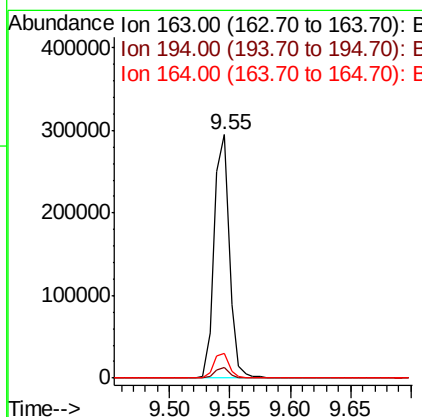
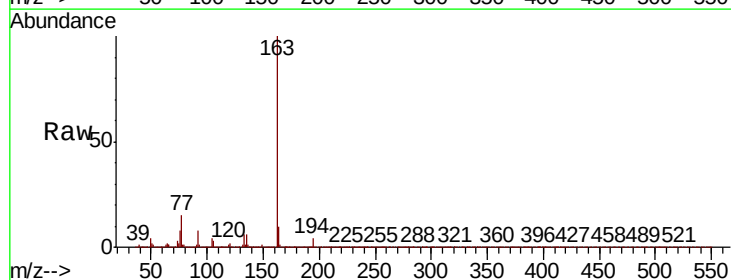
Instrument :
BNA_P
ClientSampleId :
TH-4

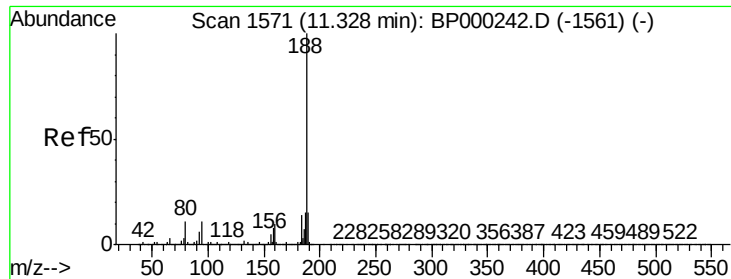
Tot Ion:172 Resp: 1964823
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.3 19.8 29.6



#50
Dimethylphthalate
Concen: 8.185 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000338.D
Acq: 19 Sep 2019 18:28

Tgt Ion:163 Resp: 254211
Ion Ratio Lower Upper
163 100
194 4.5 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: BP000338.D

Acq: 19 Sep 2019 18:28

Instrument :

BNA_P

ClientSampleId :

TH-4

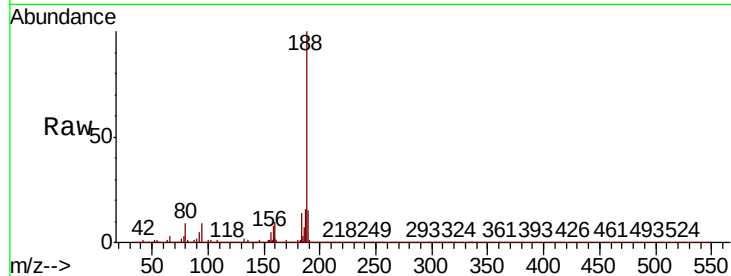
Tot Ion:188 Resp: 797397

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

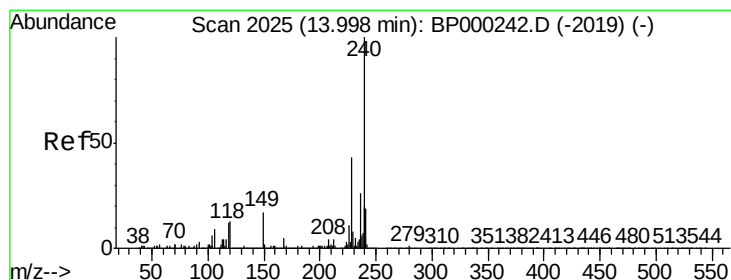
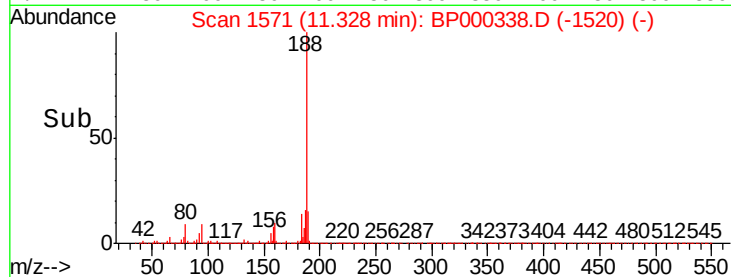
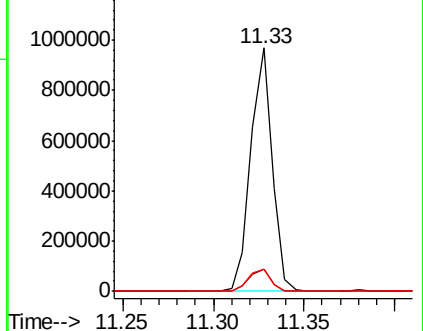
80 8.9 8.6 13.0



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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

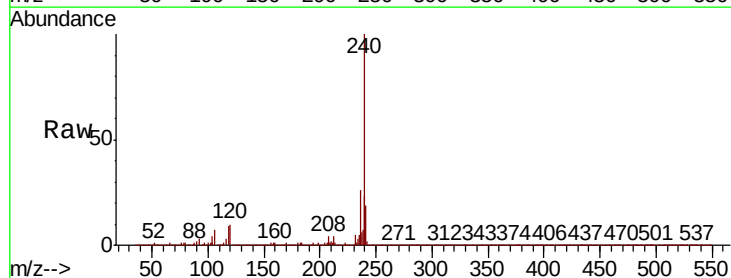
Tgt Ion:240 Resp: 693400

Ion Ratio Lower Upper

240 100

120 10.4 10.4 15.6

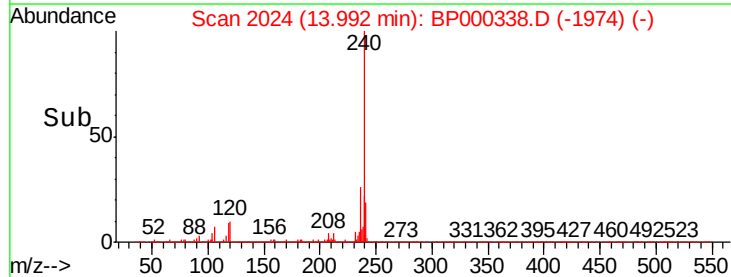
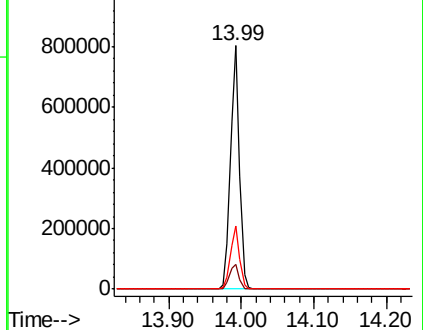
236 26.1 21.0 31.6

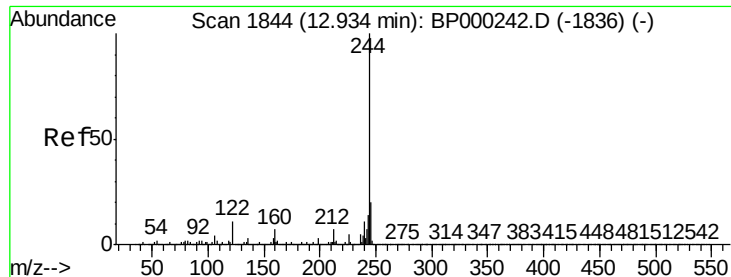


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.526 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

Instrument :

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ClientSampleId :

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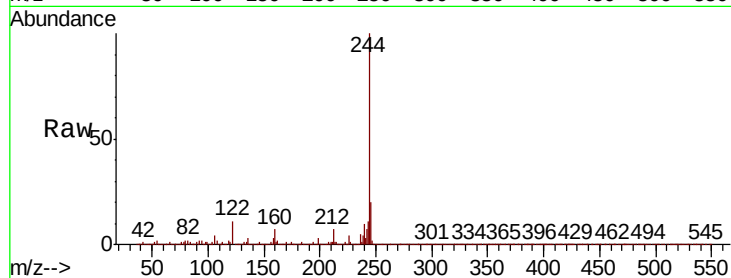
Tot Ion:244 Resp: 2165831

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

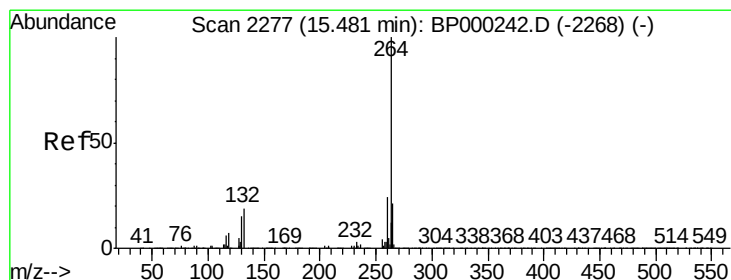
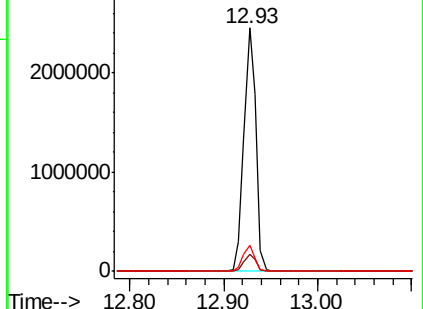
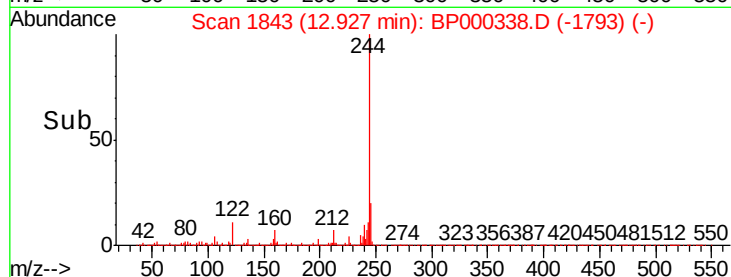
122 10.5 9.0 13.4



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: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BP000338.D

Acq: 19 Sep 2019 18:28

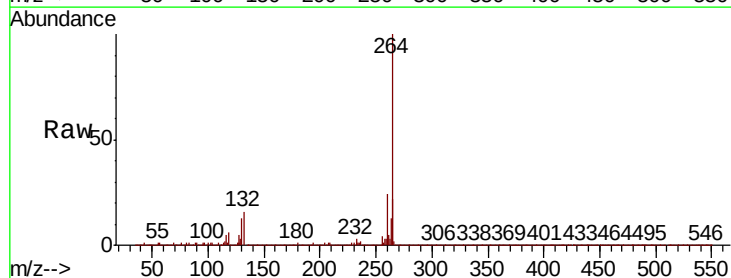
Tgt Ion:264 Resp: 773389

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.7 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

