

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
 Data File : BE098892.D
 Acq On : 12 Mar 2019 11:27
 Operator : JU/SJ
 Sample : PB117818BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117818BL

Quant Time: Mar 12 12:34:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	603	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	2486	0.40	ng	0.02
13) Acenaphthene-d10	14.47	164	1866	0.40	ng	0.02
19) Phenanthrene-d10	17.23	188	4983	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6102	0.40	ng	0.00
34) Perylene-d12	23.90	264	5268	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	613	0.34	ng	0.01
5) Phenol-d6	7.04	99	730	0.29	ng	0.06
8) Nitrobenzene-d5	9.05	82	645	0.25	ng	0.09
11) 2-Methylnaphthalene-d10	12.22	152	1389	0.30	ng	0.03
14) 2,4,6-Tribromophenol	15.98	330	190	0.20	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2448	0.32	ng	0.02
25) Fluoranthene-d10	19.25	212	23548	0.30	ng	0.00
29) Terphenyl-d14	19.85	244	4693	0.32	ng	0.00

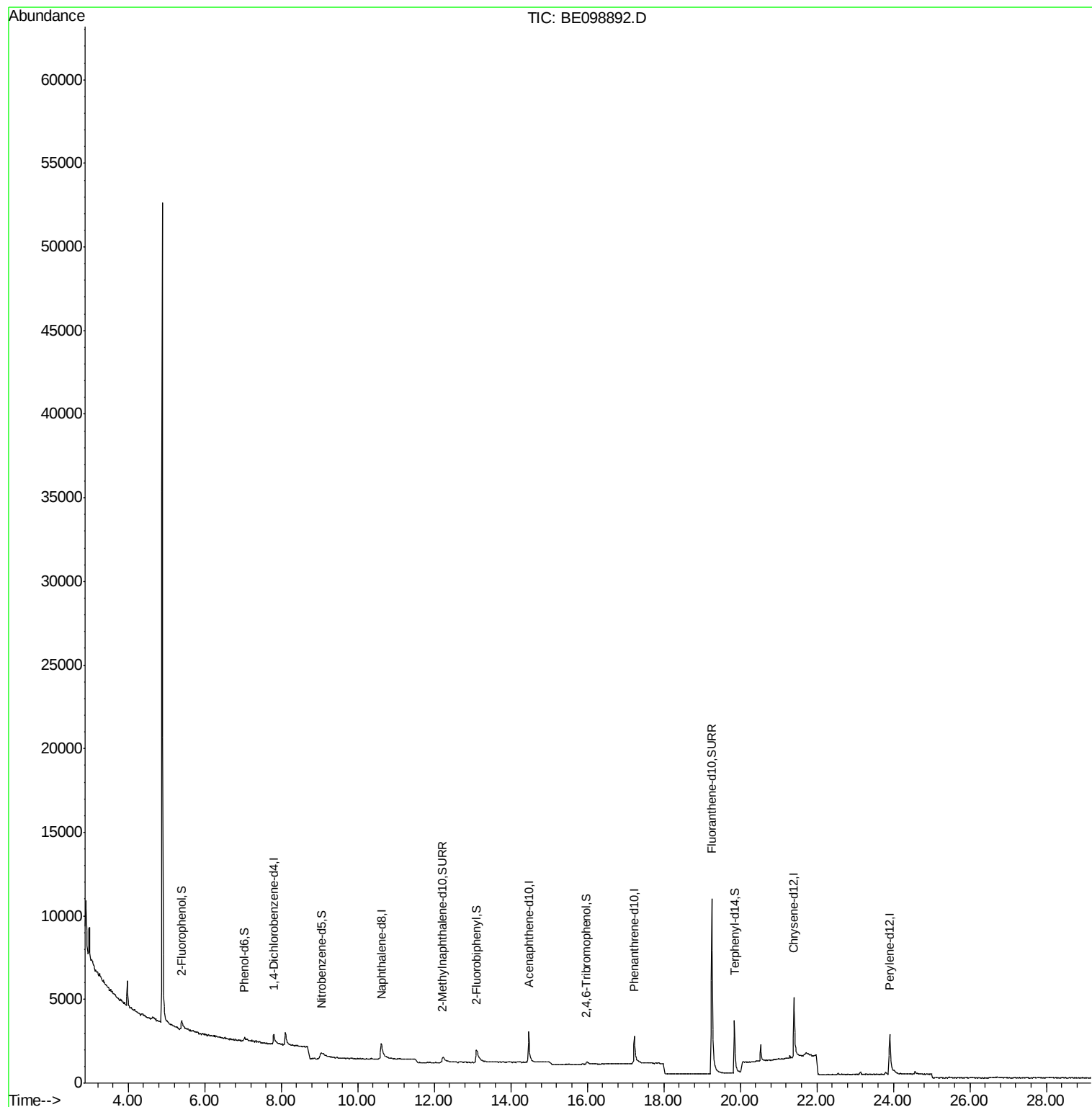
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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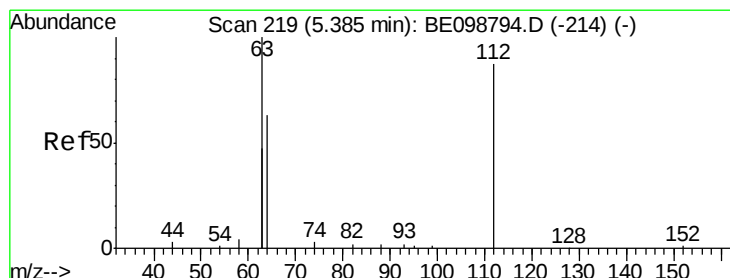
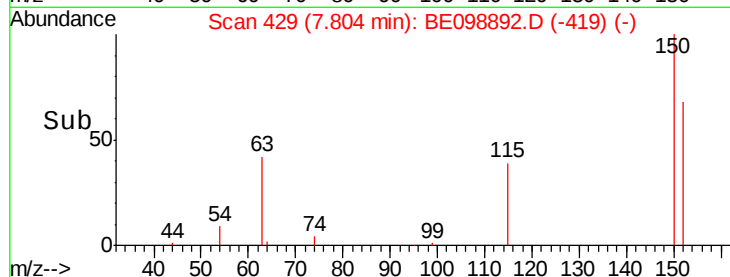
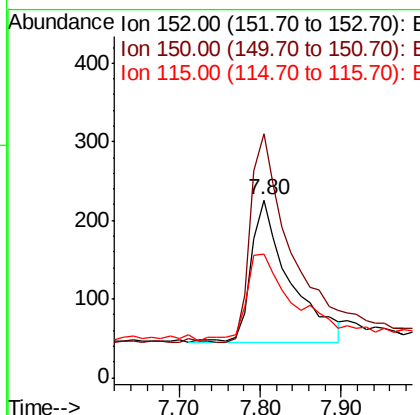
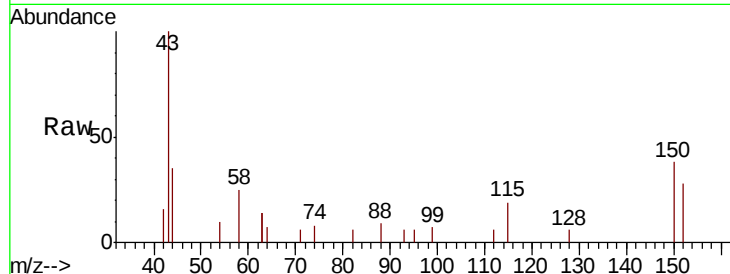




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BE098892.D
 Acq: 12 Mar 2019 11:27

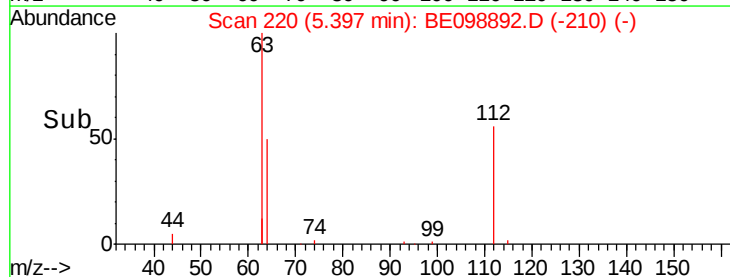
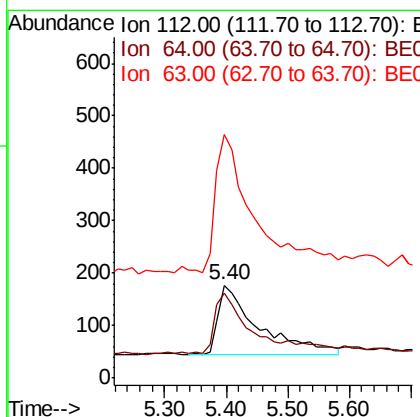
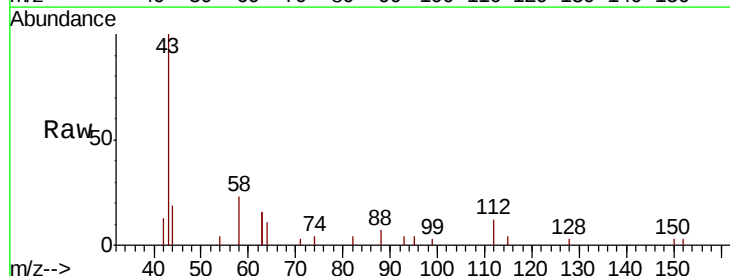
Instrument :
 BNA_E
 ClientSampleId :
 PB117818BL

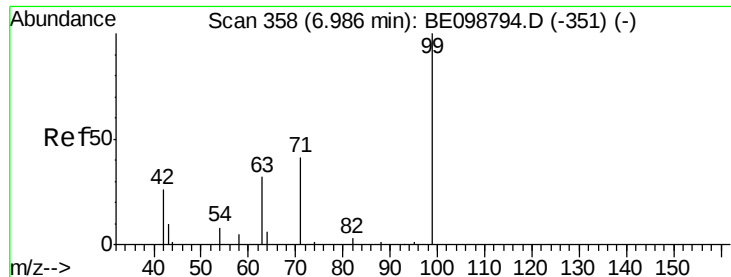
Tot Ion:152 Resp: 603
 Ion Ratio Lower Upper
 152 100
 150 137.2 122.5 183.7
 115 69.5 57.4 86.2



#4
 2-Fluorophenol
 Concen: 0.340 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE098892.D
 Acq: 12 Mar 2019 11:27

Tgt Ion:112 Resp: 613
 Ion Ratio Lower Upper
 112 100
 64 78.3 57.9 86.9
 63 189.9 158.3 237.5





#5

Phenol-d6

Concen: 0.287 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE098892.D

Acq: 12 Mar 2019 11:27

Instrument :

BNA_E

ClientSampleId :

PB117818BL

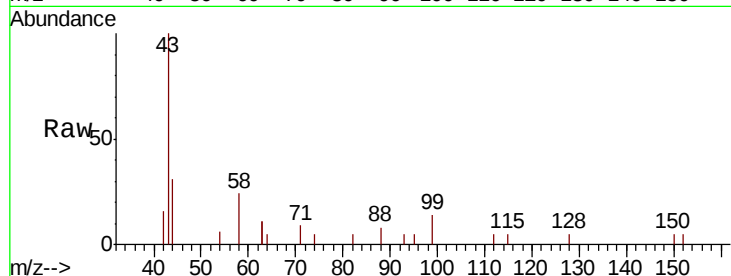
Tot Ion: 99 Resp: 730

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

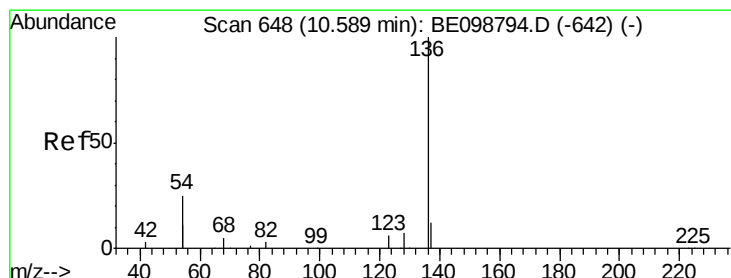
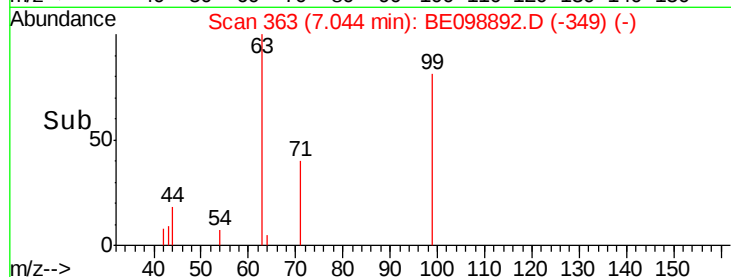
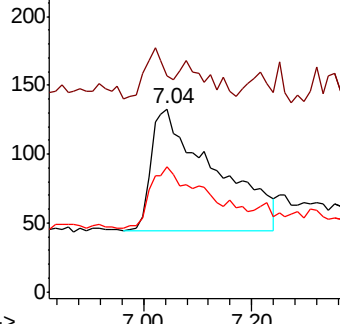
71 39.0 35.7 53.5



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.02 min

Lab File: BE098892.D

Acq: 12 Mar 2019 11:27

Tgt Ion: 136 Resp: 2486

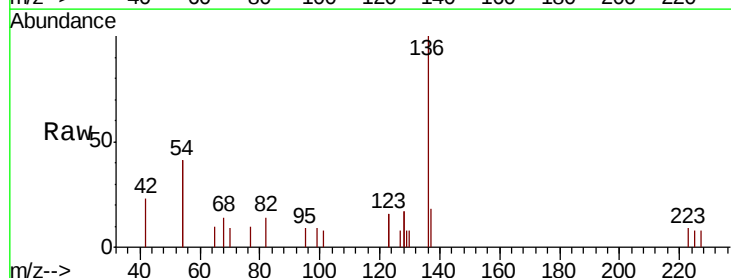
Ion Ratio Lower Upper

136 100

137 18.4 11.4 17.0#

54 81.8 39.3 58.9#

68 14.3 6.7 10.1#

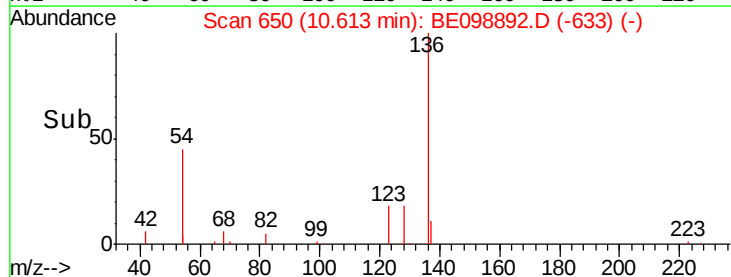
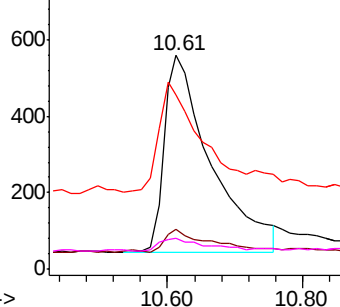


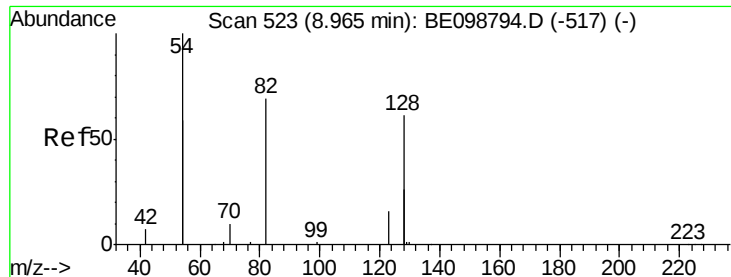
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

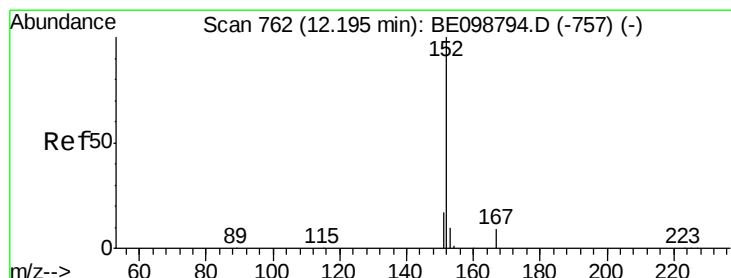
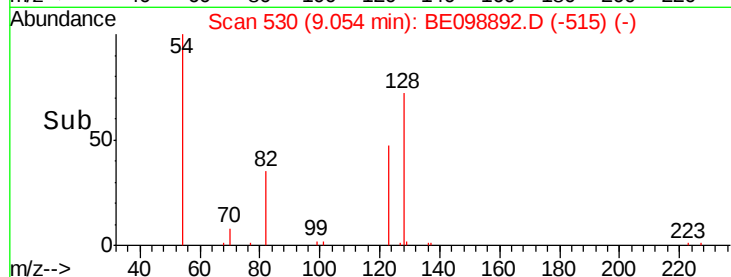
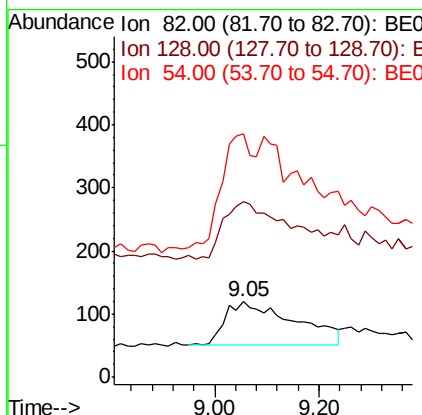
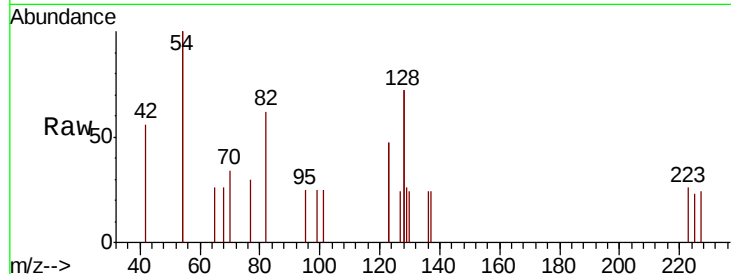




#8
 Nitrobenzene-d5
 Concen: 0.247 ng
 RT: 9.05 min Scan# 530
 Delta R.T. 0.09 min
 Lab File: BE098892.D
 Acq: 12 Mar 2019 11:27

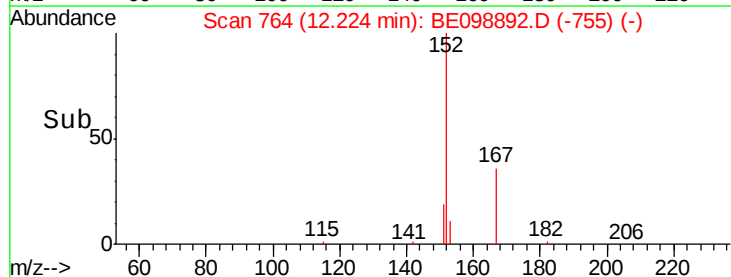
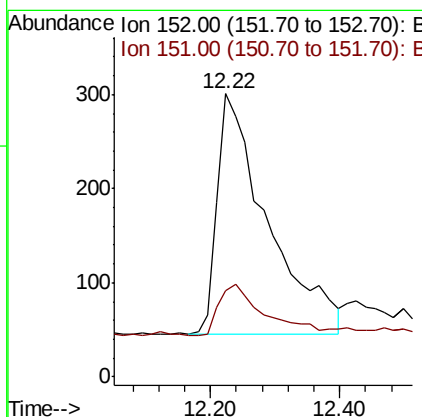
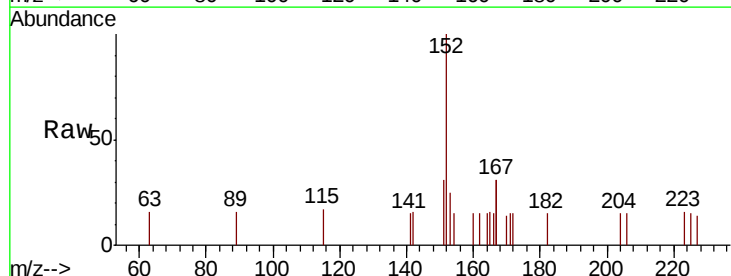
Instrument :
 BNA_E
 ClientSampleId :
 PB117818BL

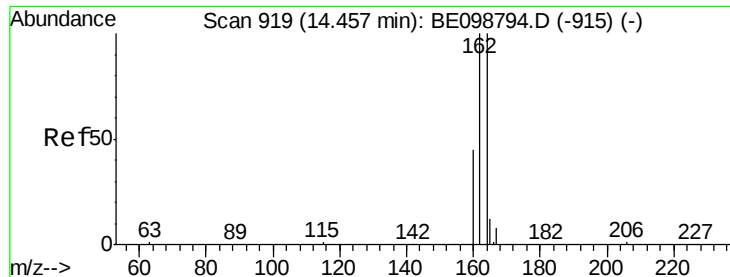
Tot Ion	82	Resp	645
Ion Ratio	Lower	Upper	
82	100		
128	233.6	123.8	185.8#
54	324.4	203.4	305.2#



#11
 2-Methylnaphthalene-d10
 Concen: 0.302 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.03 min
 Lab File: BE098892.D
 Acq: 12 Mar 2019 11:27

Tgt Ion	152	Resp	1389
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.5	24.7

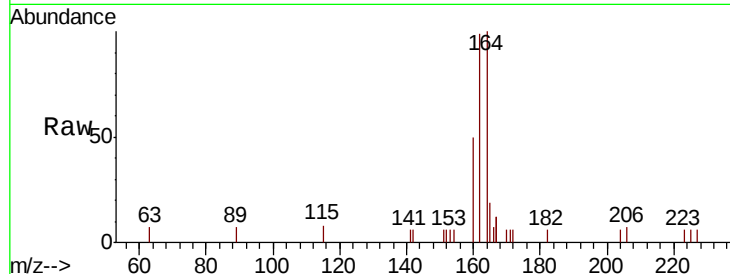




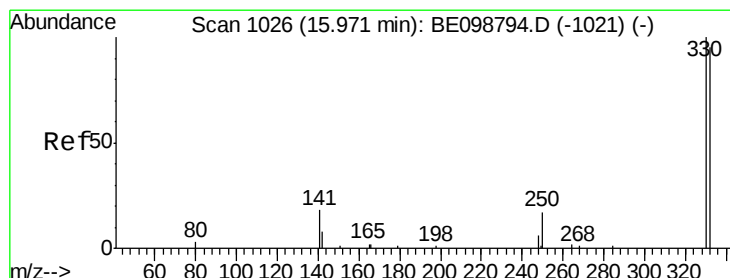
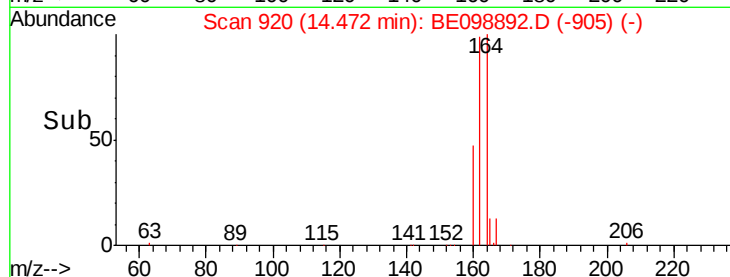
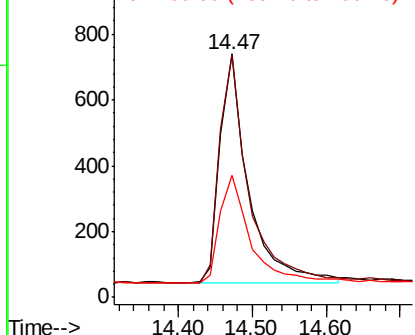
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.02 min
Lab File: BE098892.D
Acq: 12 Mar 2019 11:27

Instrument :
BNA_E
ClientSampleId :
PB117818BL

Tot Ion:164 Resp: 1866
Ion Ratio Lower Upper
164 100
162 99.3 80.2 120.2
160 50.3 37.8 56.8

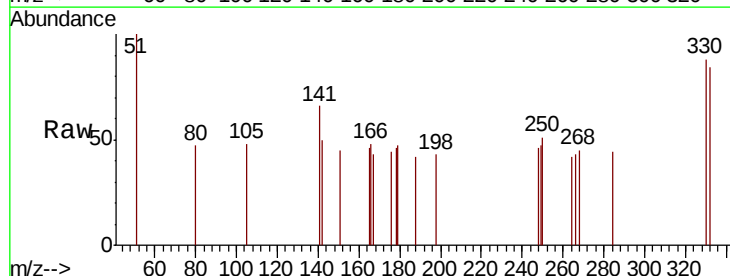


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

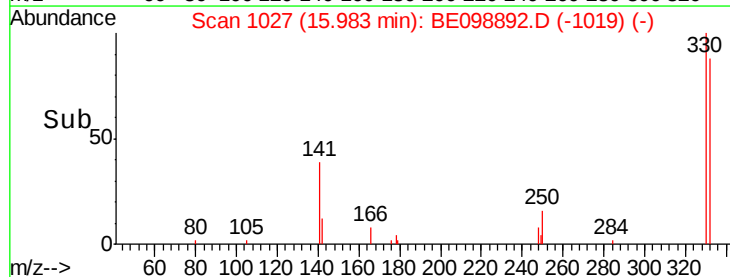
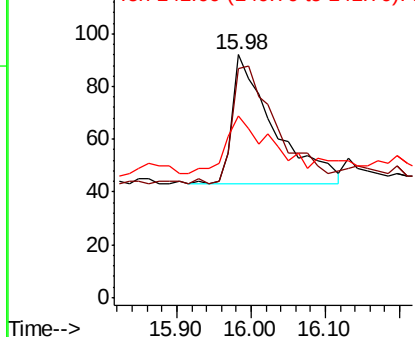


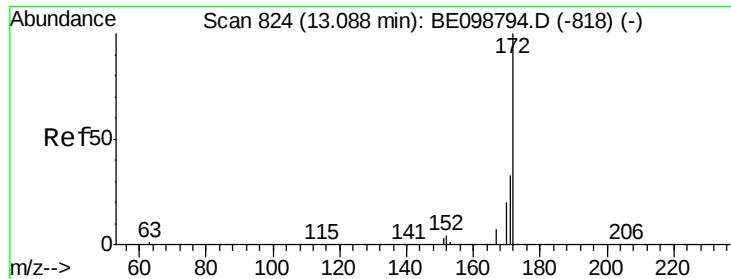
#14
2,4,6-Tribromophenol
Concen: 0.202 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098892.D
Acq: 12 Mar 2019 11:27

Tgt Ion:330 Resp: 190
Ion Ratio Lower Upper
330 100
332 99.5 77.6 116.4
141 47.4 31.0 46.4#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

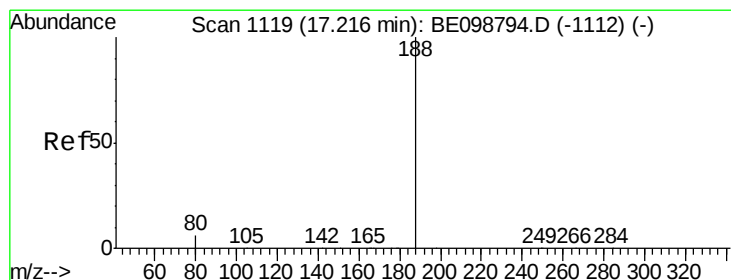
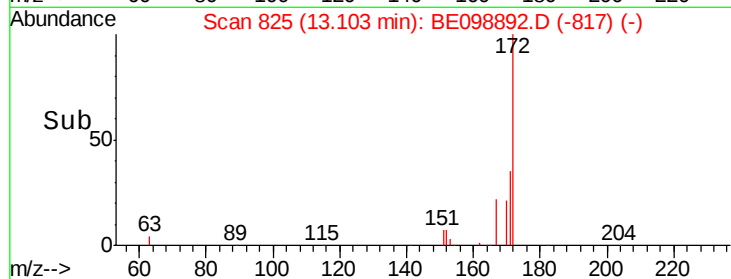
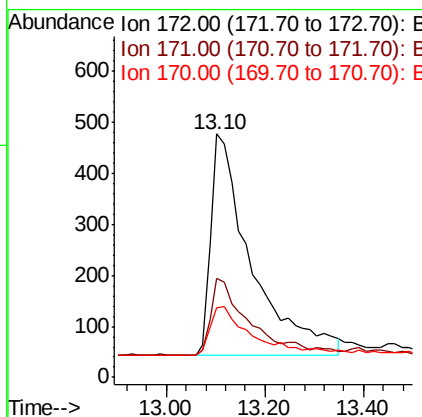
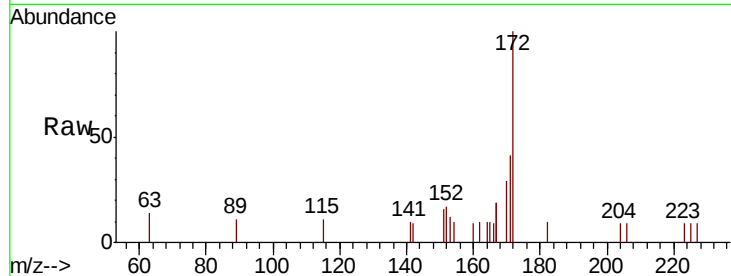




#15
 2-Fluorobiphenyl
 Concen: 0.317 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.02 min
 Lab File: BE098892.D
 Acq: 12 Mar 2019 11:27

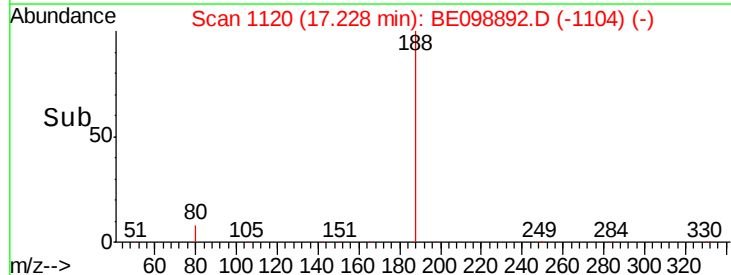
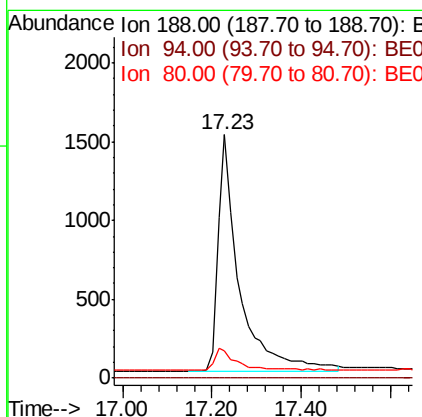
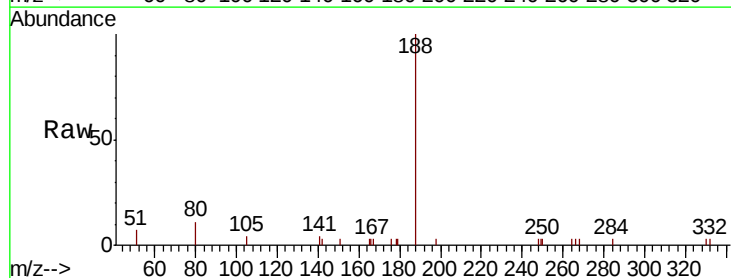
Instrument :
 BNA_E
 ClientSampleId :
 PB117818BL

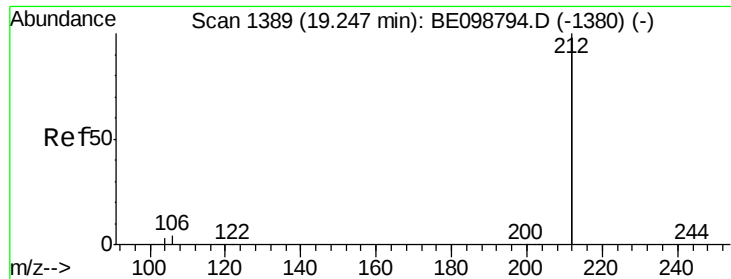
Tot Ion:172 Resp: 2448
 Ion Ratio Lower Upper
 172 100
 171 40.9 28.0 42.0
 170 28.5 17.7 26.5#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.01 min
 Lab File: BE098892.D
 Acq: 12 Mar 2019 11:27

Tgt Ion:188 Resp: 4983
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 11.2 6.3 9.5#





#25

Fluoranthene-d10

Concen: 0.296 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE098892.D

Acq: 12 Mar 2019 11:27

Instrument :

BNA_E

ClientSampleId :

PB117818BL

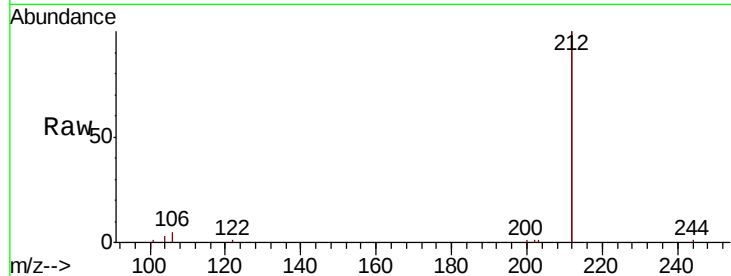
Tot Ion:212 Resp: 23548

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

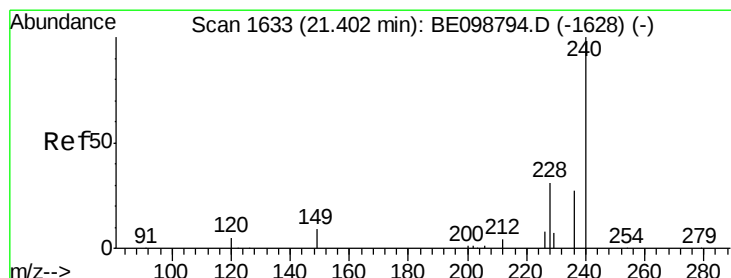
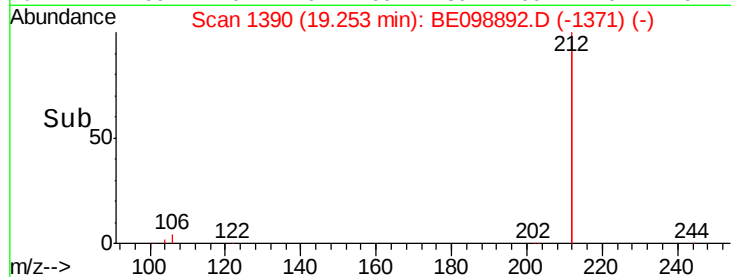
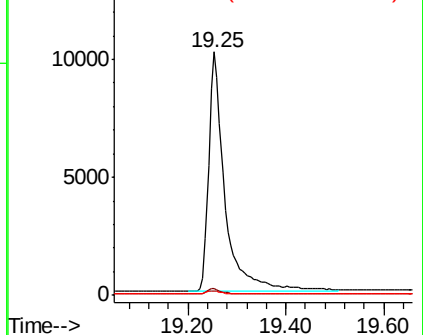
104 1.4 1.0 1.6



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098892.D

Acq: 12 Mar 2019 11:27

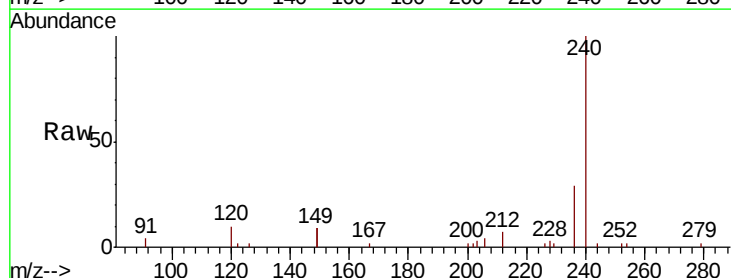
Tgt Ion:240 Resp: 6102

Ion Ratio Lower Upper

240 100

120 10.4 5.0 7.4#

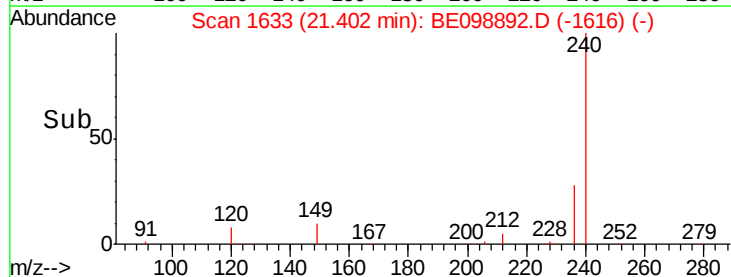
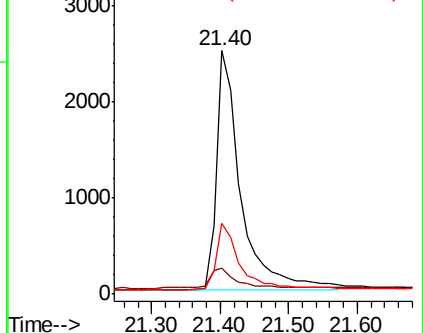
236 29.3 22.7 34.1

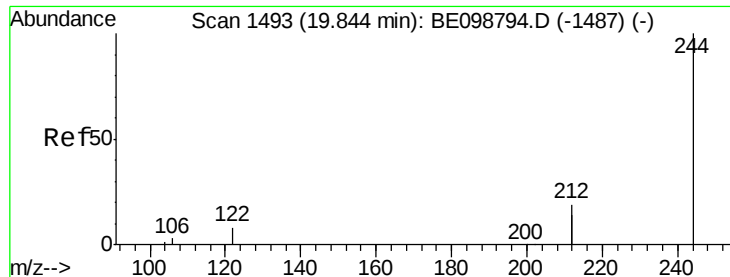


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.316 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098892.D

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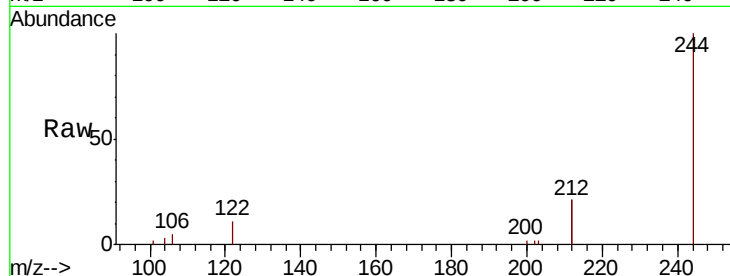
Tot Ion:244 Resp: 4693

Ion Ratio Lower Upper

244 100

212 42.3 29.4 44.2

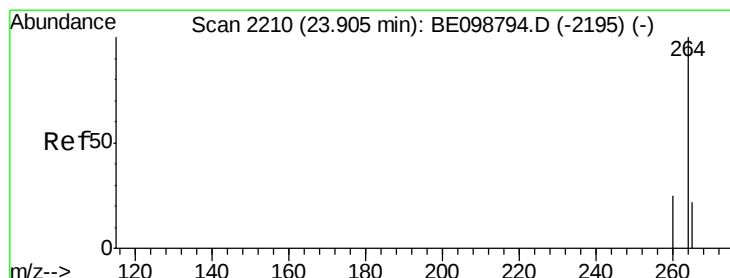
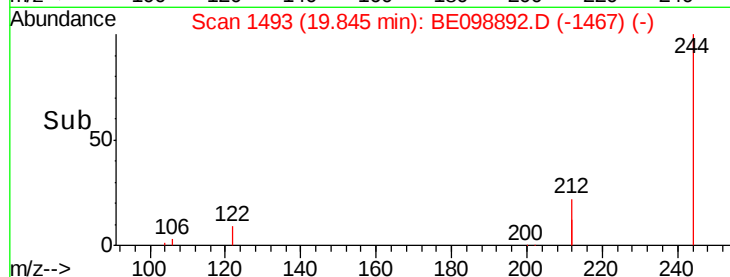
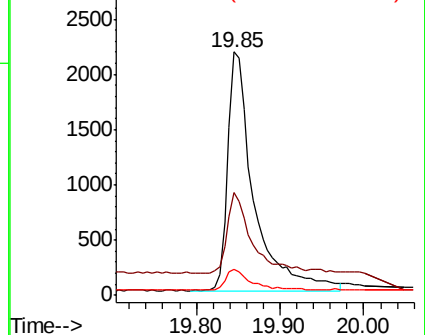
122 10.8 7.1 10.7#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BE098892.D

Acq: 12 Mar 2019 11:27

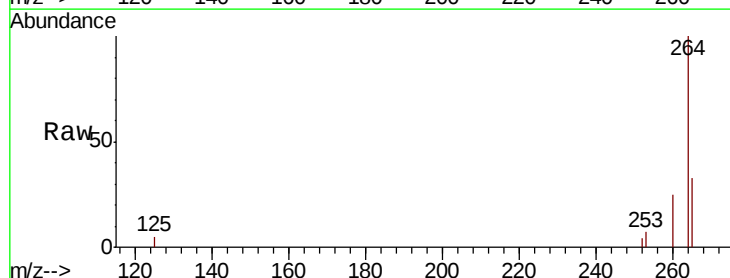
Tgt Ion:264 Resp: 5268

Ion Ratio Lower Upper

264 100

260 24.6 21.2 31.8

265 33.4 24.6 36.8



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

