

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
 Data File : BE098672.D
 Acq On : 18 Jan 2019 19:29
 Operator : SJ/JU
 Sample : K1136-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 18 21:30:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1047	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4249	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2414	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	4986	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6294	0.40	ng	0.00
34) Perylene-d12	23.92	264	6952	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	712	0.25	ng	0.01
5) Phenol-d6	7.00	99	982	0.25	ng	0.00
8) Nitrobenzene-d5	8.98	82	803	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2052	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	249	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2034	0.21	ng	0.01
25) Fluoranthene-d10	19.26	212	15677	0.25	ng	0.00
29) Terphenyl-d14	19.86	244	2762	0.20	ng	0.00

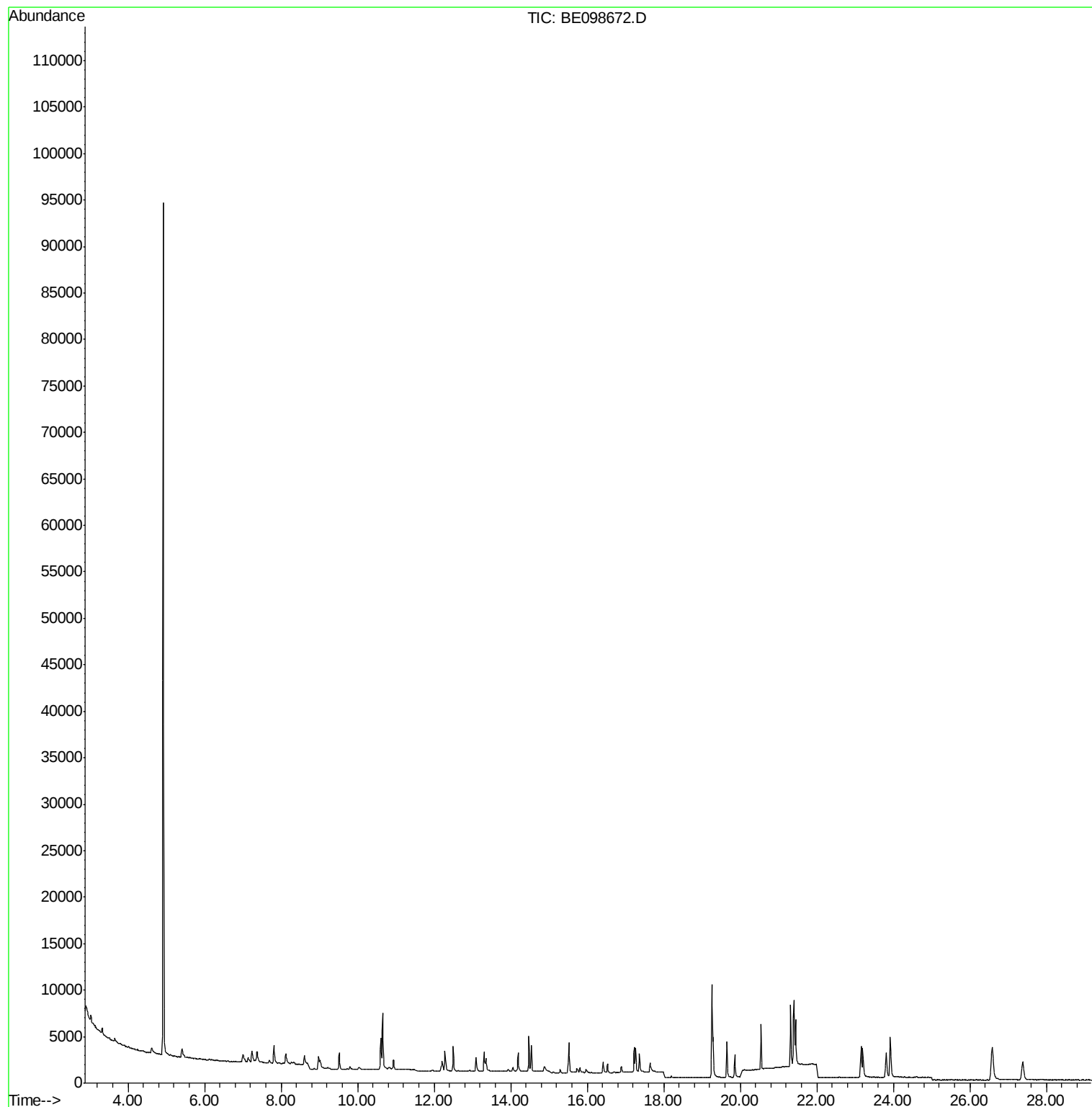
Target Compounds	Qvalue
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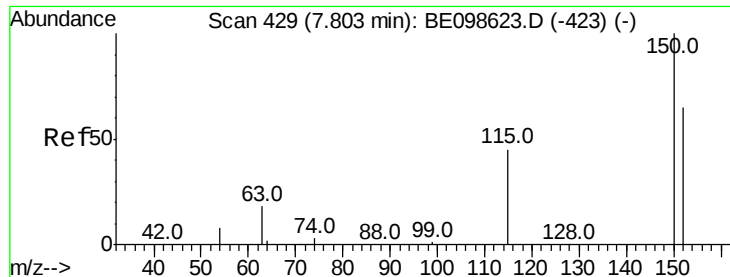
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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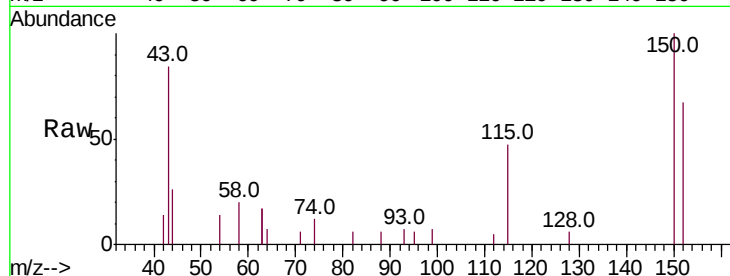


#1

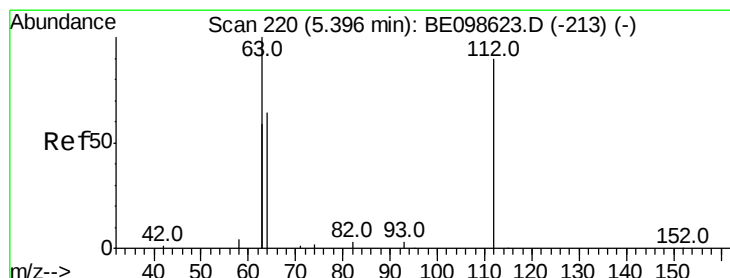
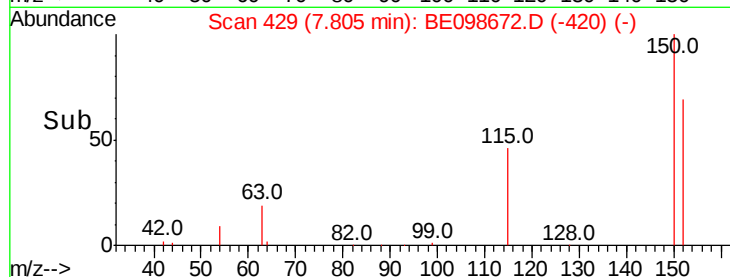
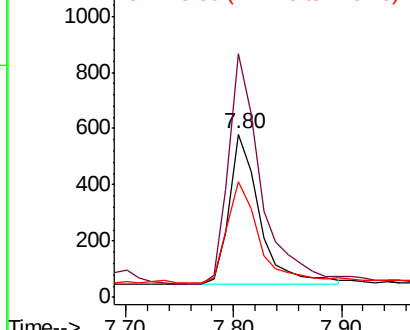
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1047
Ion Ratio Lower Upper
152 100
150 149.3 121.4 182.2
115 70.7 59.1 88.7



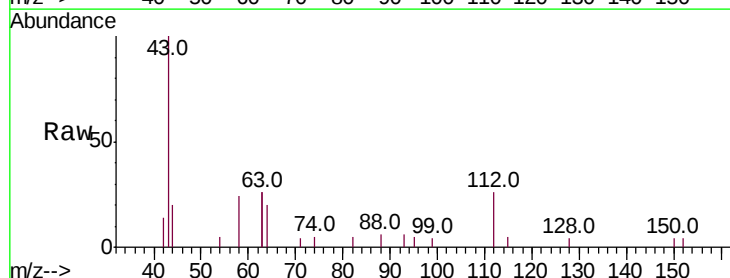
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



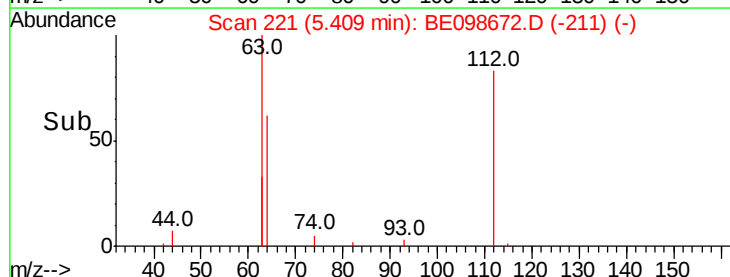
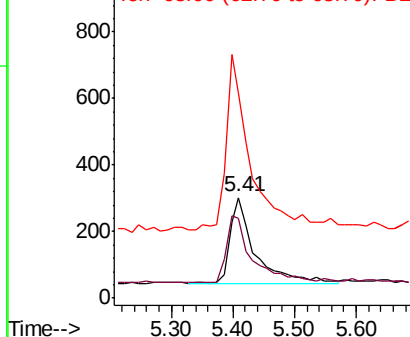
#4

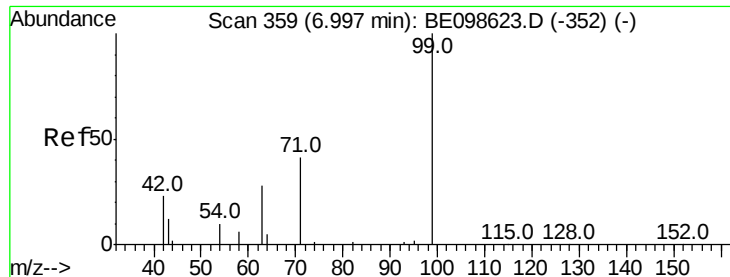
2-Fluorophenol
Concen: 0.255 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.01 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:112 Resp: 712
Ion Ratio Lower Upper
112 100
64 79.4 62.9 94.3
63 204.4 152.2 228.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.247 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

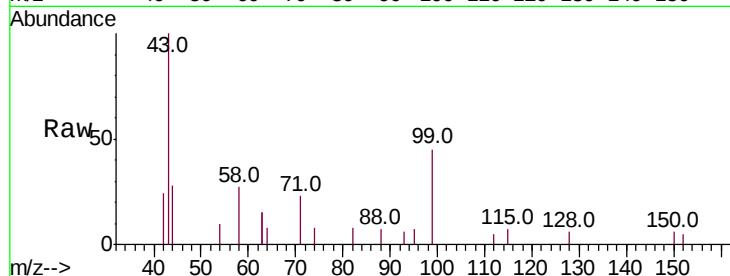
Instrument :

BNA_E

ClientSampled :

Tot Ion: 99 Resp: 982

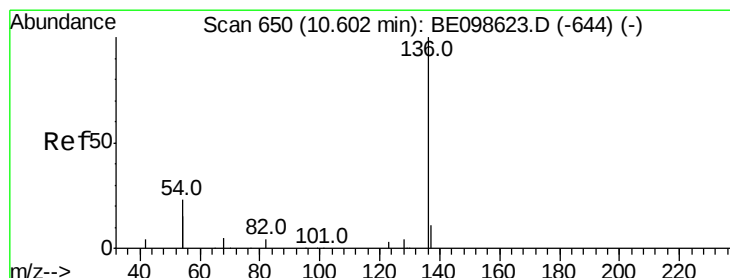
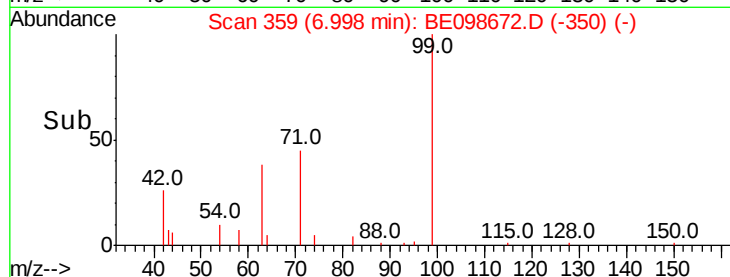
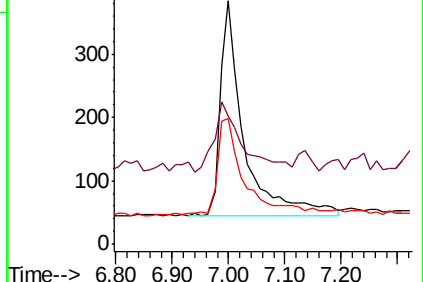
Ion	Ratio	Lower	Upper
99	100		
42	39.0	24.6	37.0#
71	50.3	35.1	52.7



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: 10.60 min Scan# 649

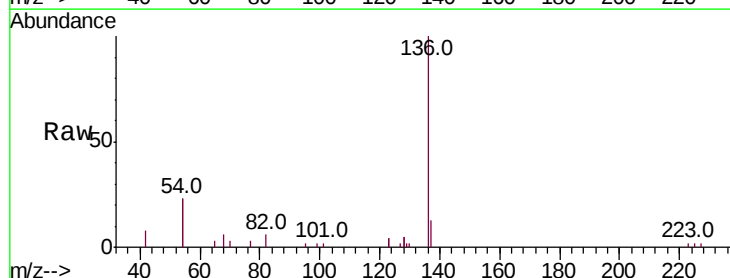
Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Tgt Ion: 136 Resp: 4249

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.7	14.5
54	45.9	35.5	53.3
68	6.3	5.0	7.6

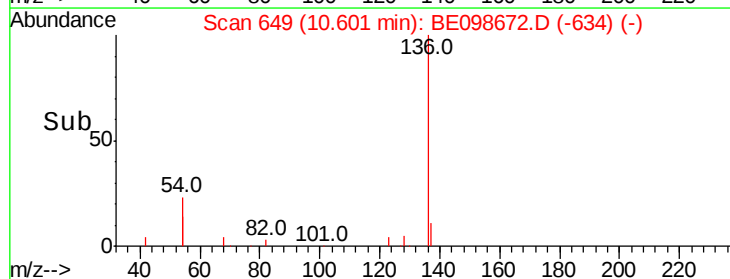
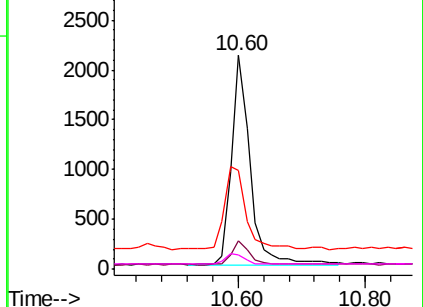


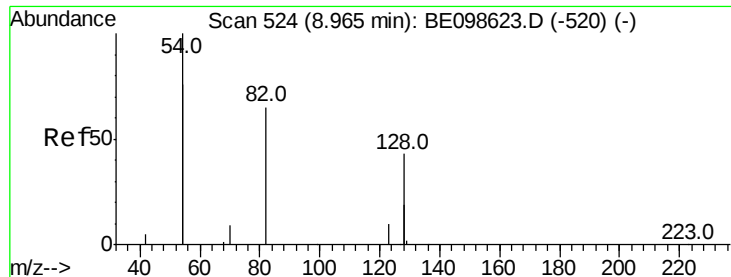
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.238 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampled :

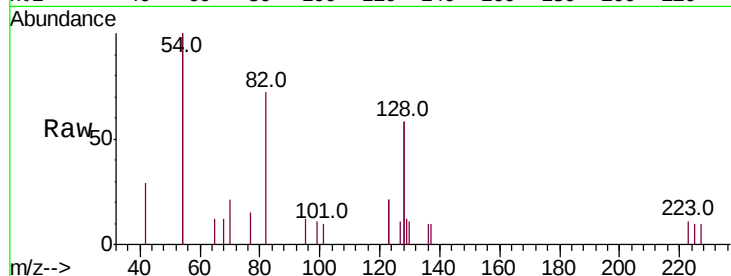
Tot Ion: 82 Resp: 803

Ion Ratio Lower Upper

82 100

128 159.6 96.5 144.7#

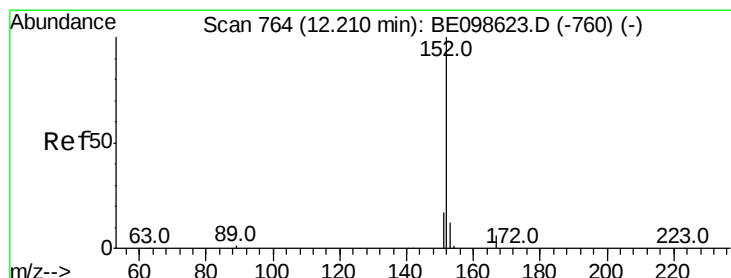
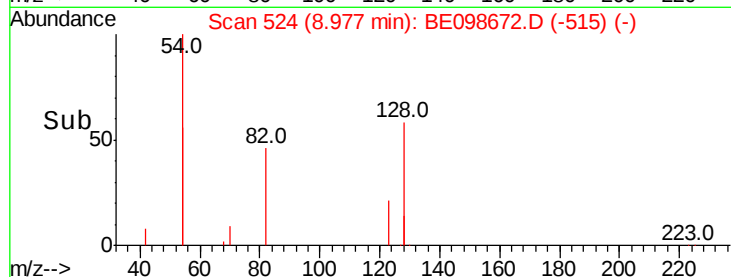
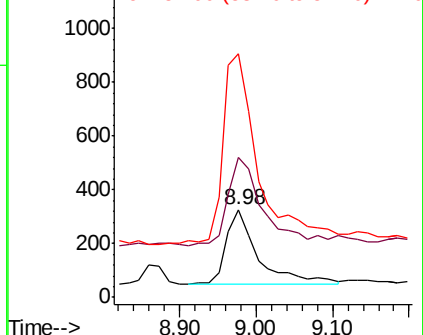
54 277.1 224.7 337.1



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.293 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098672.D

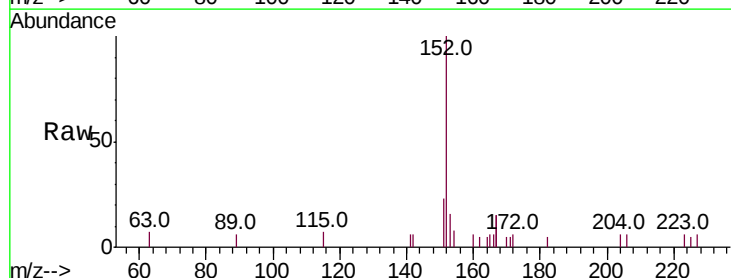
Acq: 18 Jan 2019 19:29

Tgt Ion: 152 Resp: 2052

Ion Ratio Lower Upper

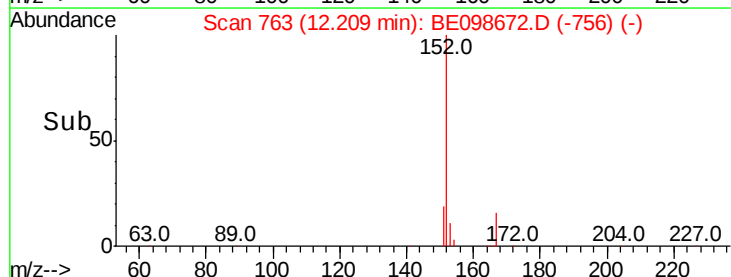
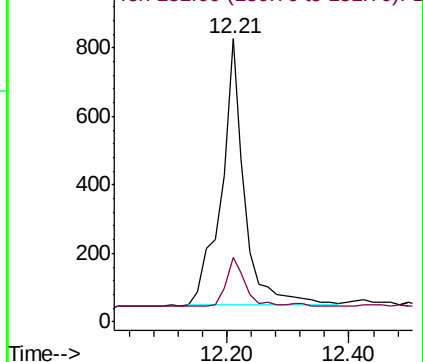
152 100

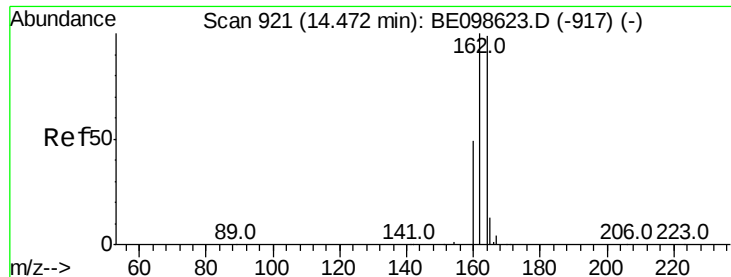
151 15.6 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

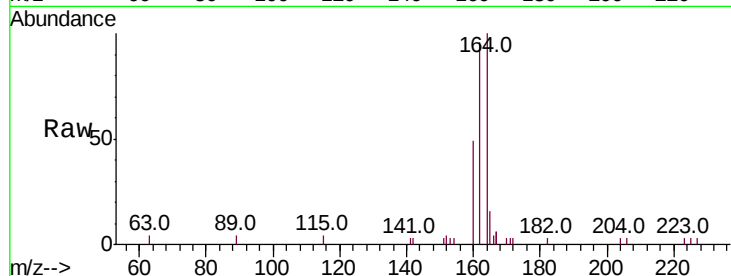




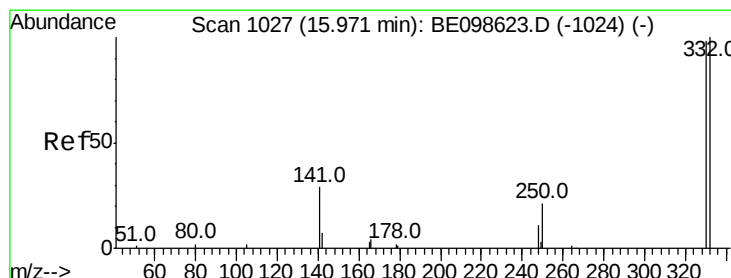
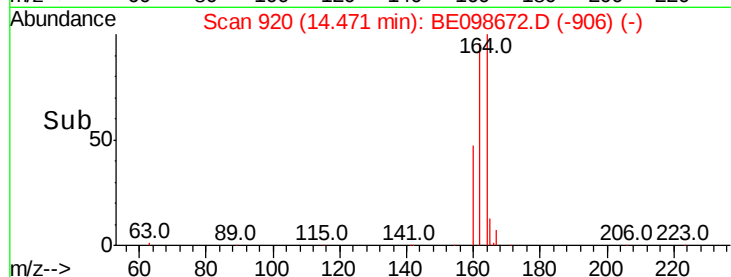
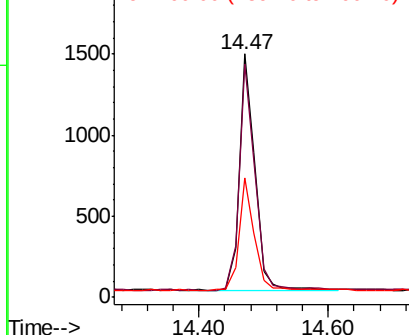
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2414
Ion Ratio Lower Upper
164 100
162 95.8 80.5 120.7
160 48.9 40.1 60.1

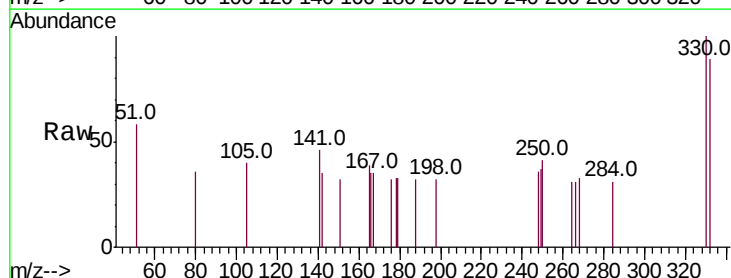


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

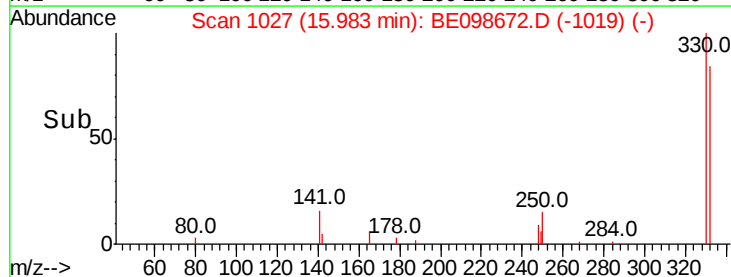
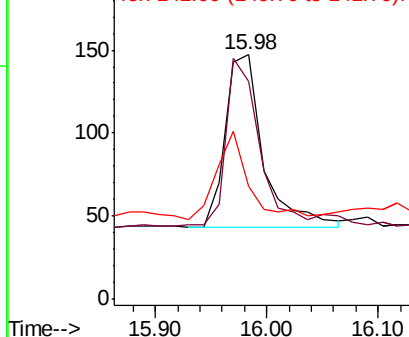


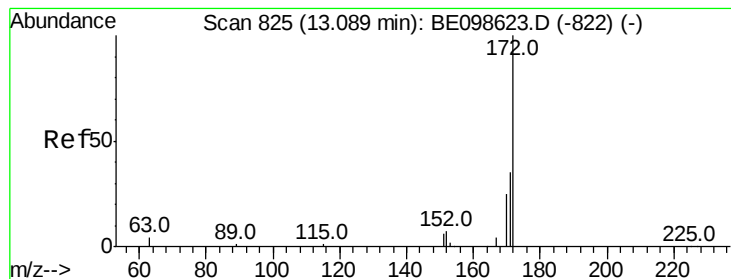
#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:330 Resp: 249
Ion Ratio Lower Upper
330 100
332 89.2 73.3 109.9
141 42.6 33.1 49.7



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

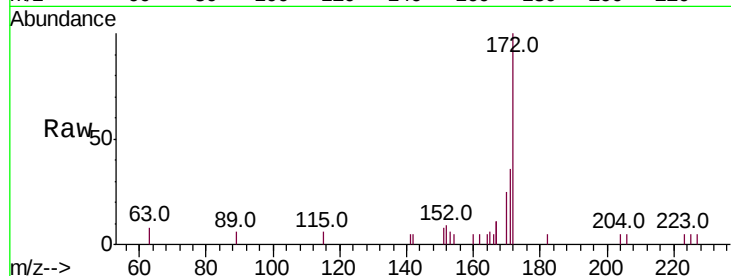




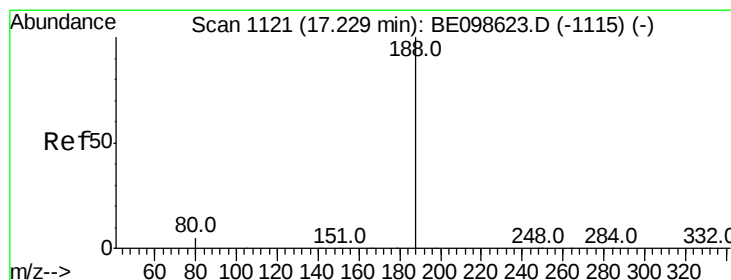
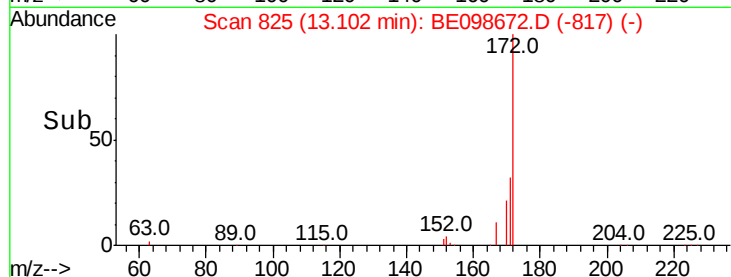
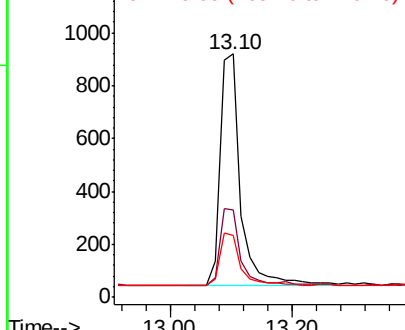
#15
2-Fluorobiphenyl
Concen: 0.206 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2034
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 25.4 20.8 31.2

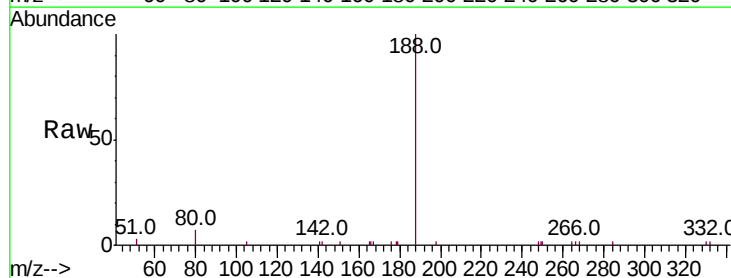


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

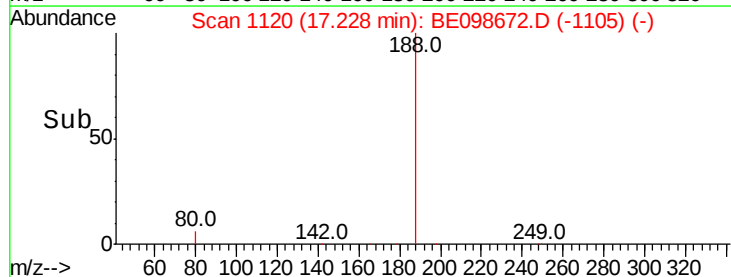
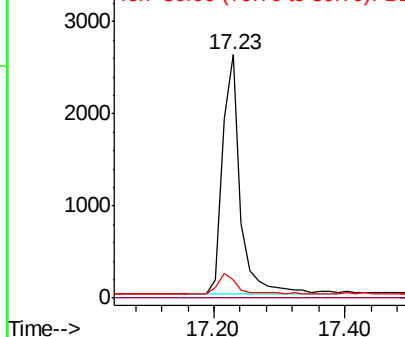


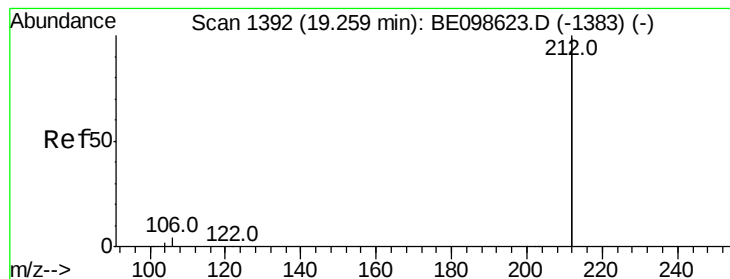
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:188 Resp: 4986
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 4.7 7.1#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.254 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampled :

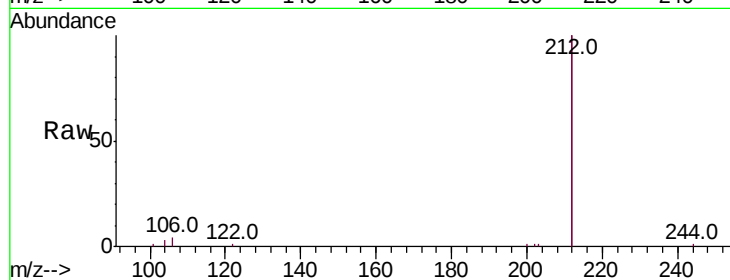
Tot Ion:212 Resp: 15677

Ion Ratio Lower Upper

212 100

106 1.9 1.7 2.5

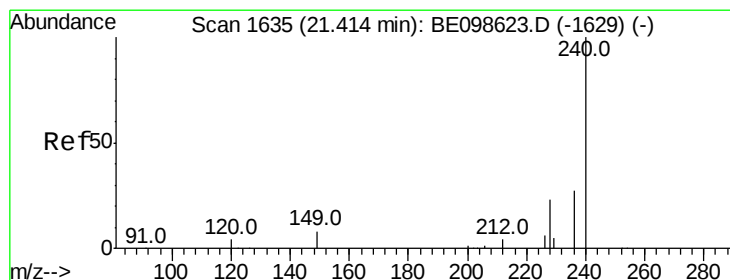
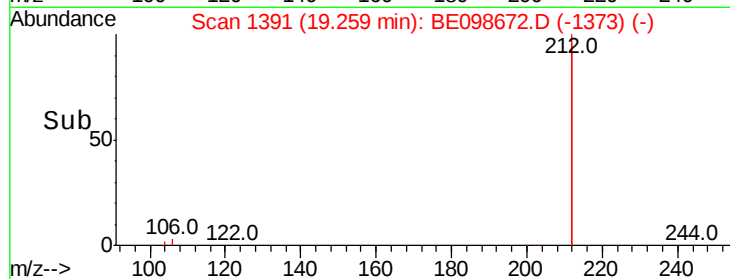
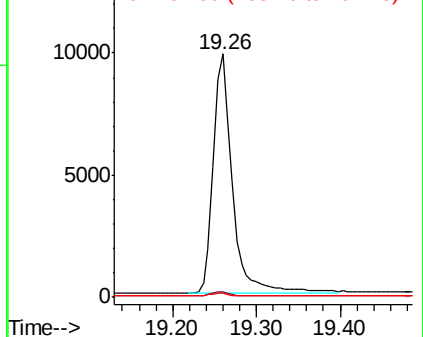
104 1.1 1.0 1.6



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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

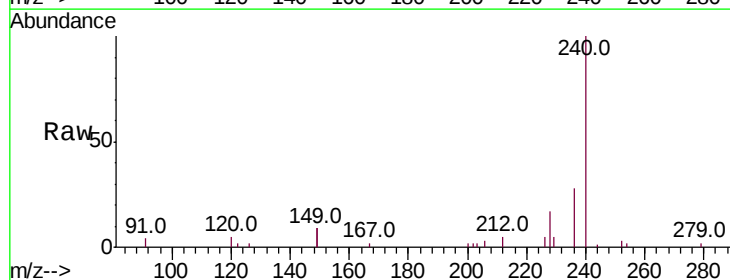
Tgt Ion:240 Resp: 6294

Ion Ratio Lower Upper

240 100

120 5.3 4.7 7.1

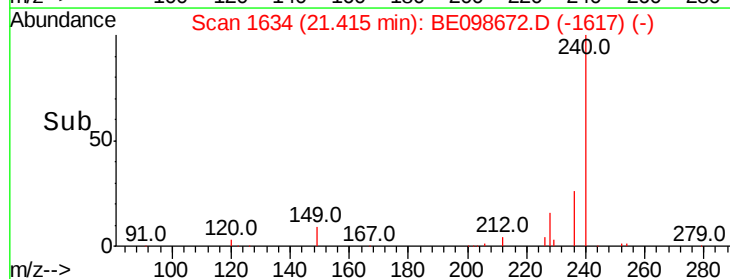
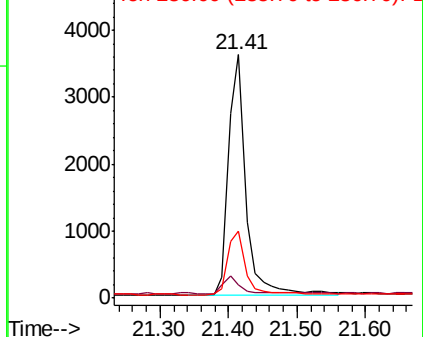
236 27.5 21.9 32.9

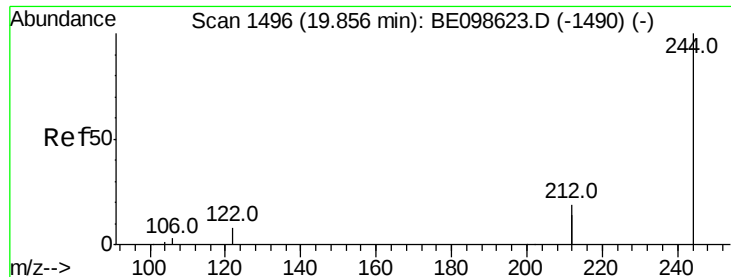


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.198 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampleId :

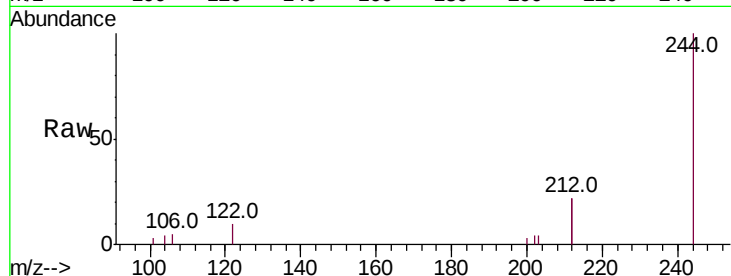
Tot Ion:244 Resp: 2762

Ion Ratio Lower Upper

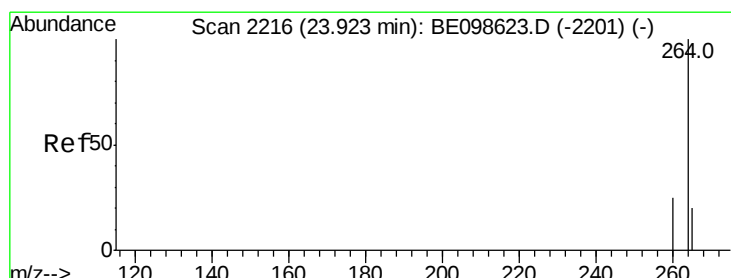
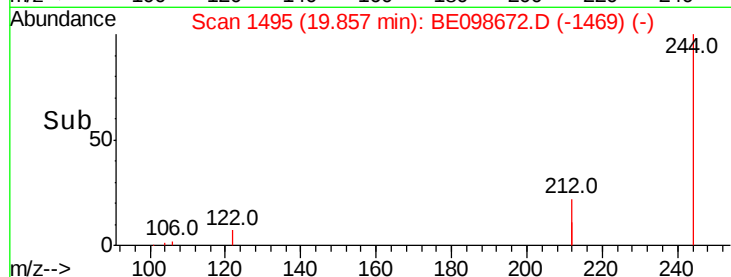
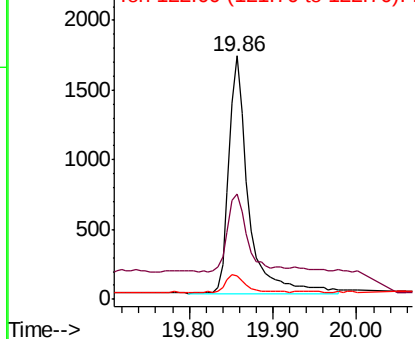
244 100

212 43.4 29.4 44.2

122 9.7 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: 23.92 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

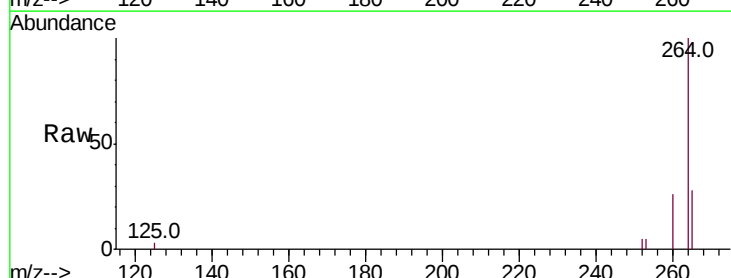
Tgt Ion:264 Resp: 6952

Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

265 28.5 22.3 33.5



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

