

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098867.D
 Acq On : 11 Mar 2019 18:19
 Operator : JU/SJ
 Sample : K1839-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-20190307

Quant Time: Mar 12 07:26:00 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

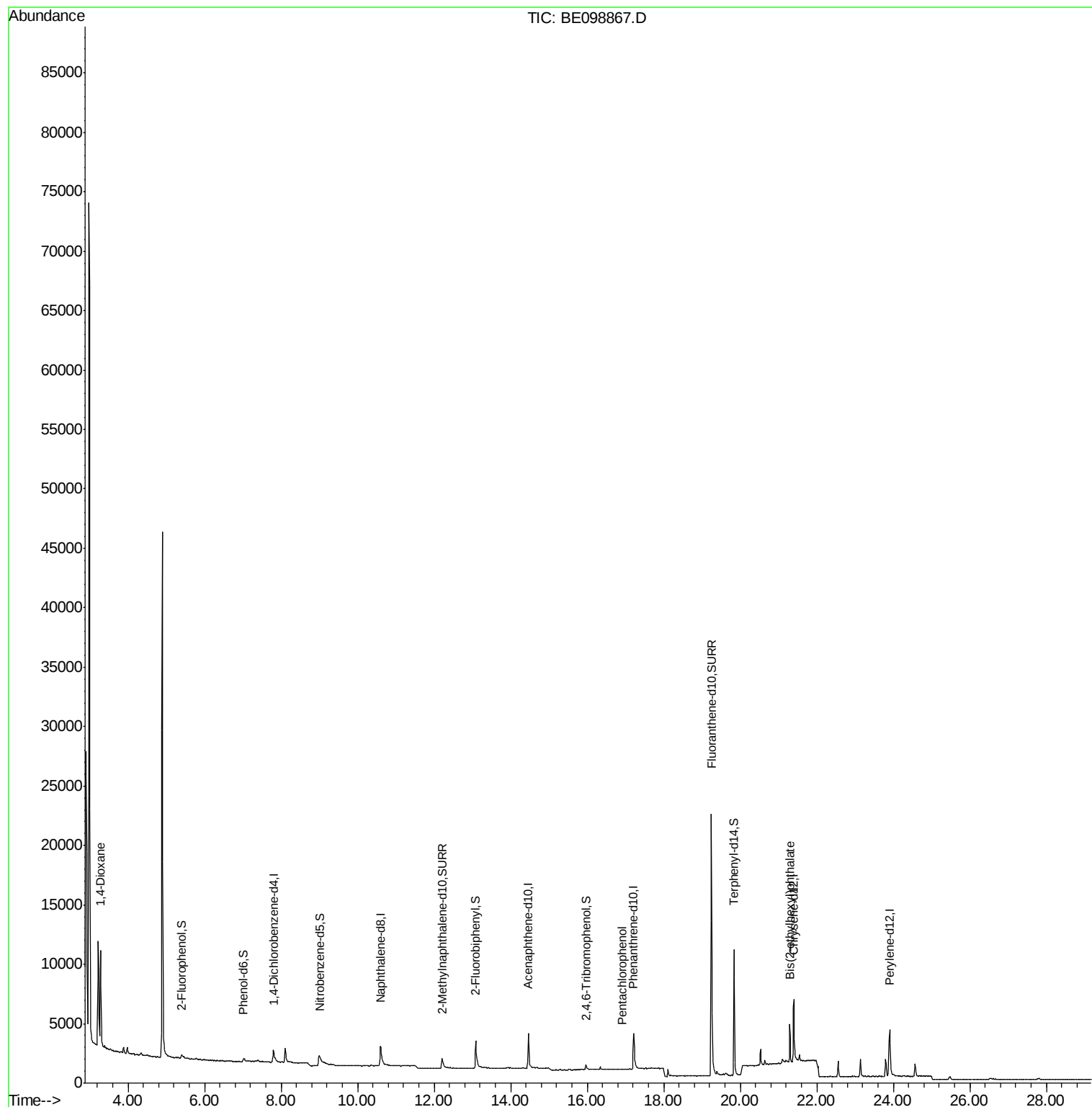
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	812	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3359	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2356	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6085	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7453	0.40	ng	0.00
34) Perylene-d12	23.90	264	7217	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	307	0.13	ng	0.01
5) Phenol-d6	7.01	99	245	0.07	ng	0.02
8) Nitrobenzene-d5	9.00	82	1135	0.32	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2346	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	391	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3908	0.40	ng	0.00
25) Fluoranthene-d10	19.25	212	36045	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	10007	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	4543	3.530	ng	97
22) Pentachlorophenol	16.91	266	6	0.269	ng	89
32) Bis(2-ethylhexyl)phthalate	21.29	149	4027	0.081	ng	# 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

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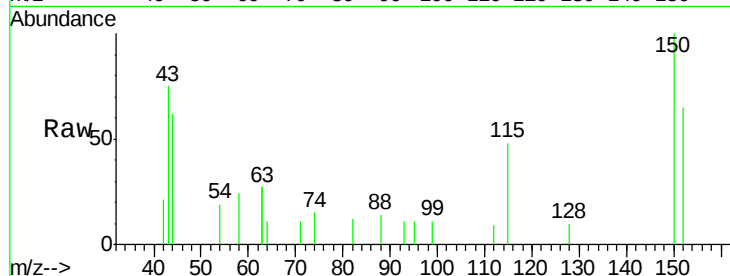
Tgt Ion:152 Resp: 812

Ion Ratio Lower Upper

152 100

150 152.7 122.5 183.7

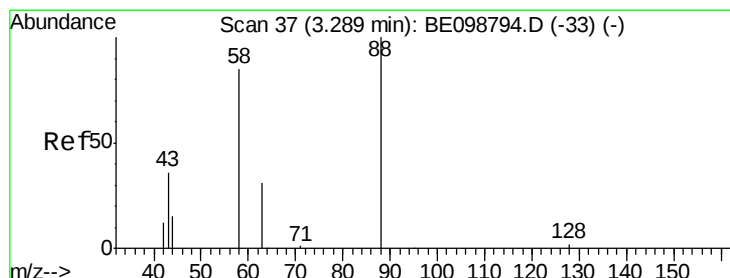
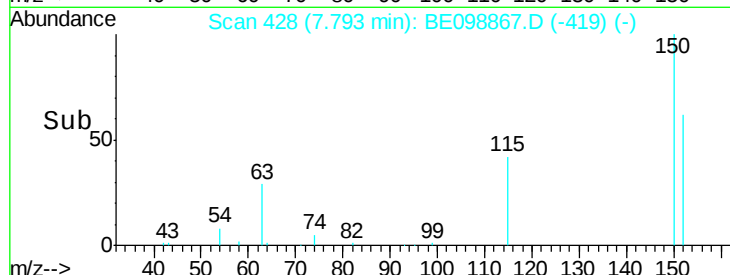
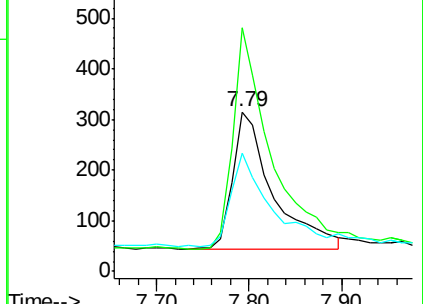
115 74.0 57.4 86.2



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



#2

1,4-Dioxane

Concen: 3.530 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098867.D

Acq: 11 Mar 2019 18:19

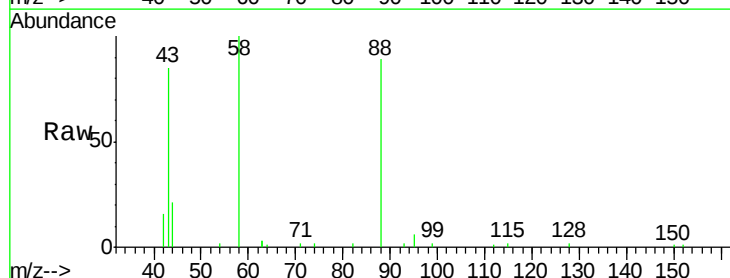
Tgt Ion: 88 Resp: 4543

Ion Ratio Lower Upper

88 100

58 96.9 75.8 113.6

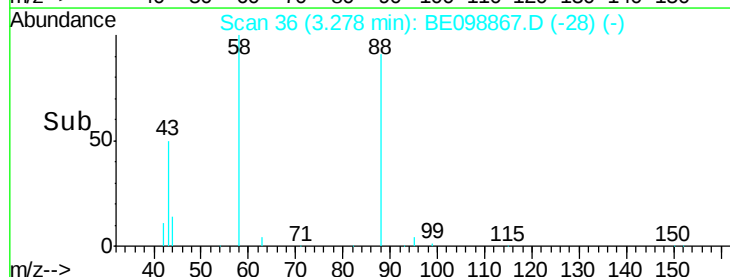
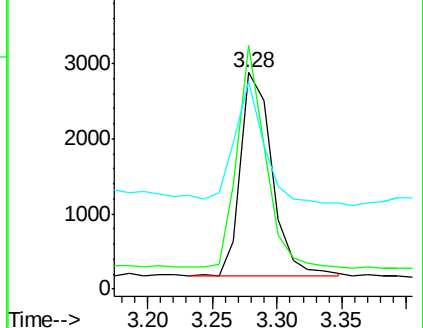
43 55.9 41.8 62.8



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.126 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098867.D

Acq: 11 Mar 2019 18:19

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190307

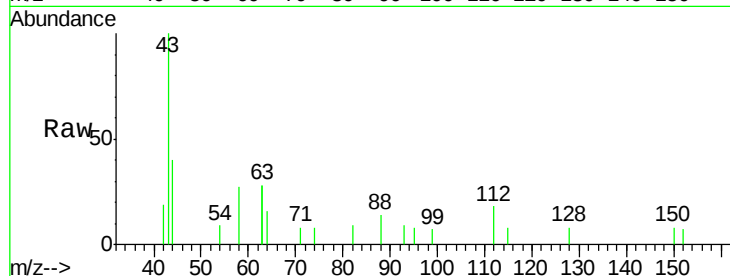
Tgt Ion: 112 Resp: 307

Ion Ratio Lower Upper

112 100

64 94.1 57.9 86.9#

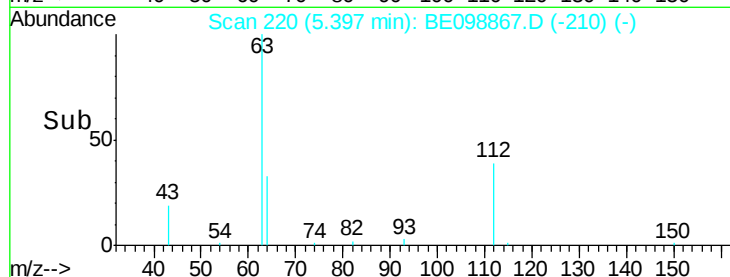
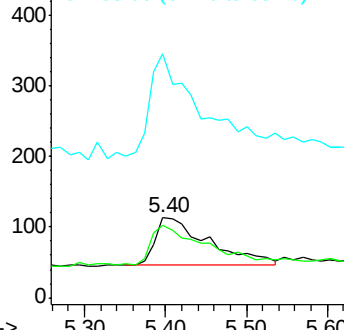
63 214.0 158.3 237.5



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: 0.071 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098867.D

Acq: 11 Mar 2019 18:19

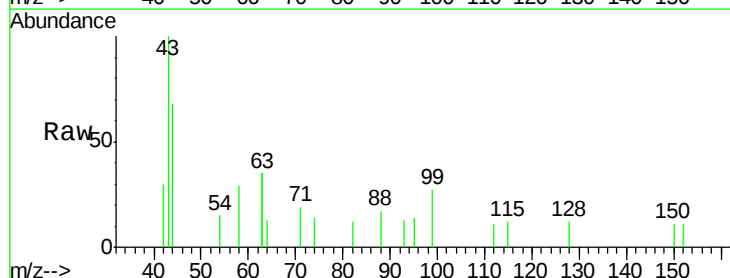
Tgt Ion: 99 Resp: 245

Ion Ratio Lower Upper

99 100

42 58.0 24.2 36.2#

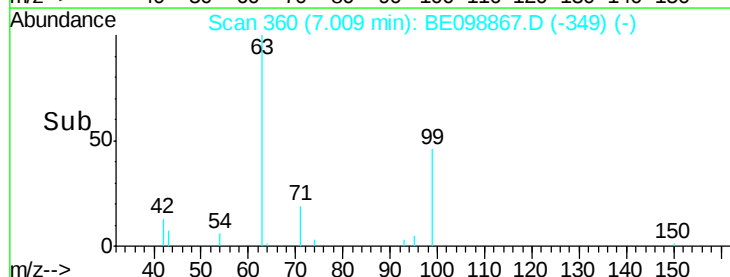
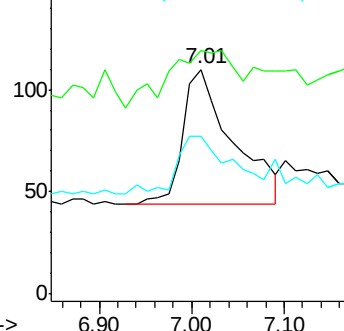
71 42.4 35.7 53.5



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098867.D

Acq: 11 Mar 2019 18:19

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190307

Tgt Ion: 136 Resp: 3359

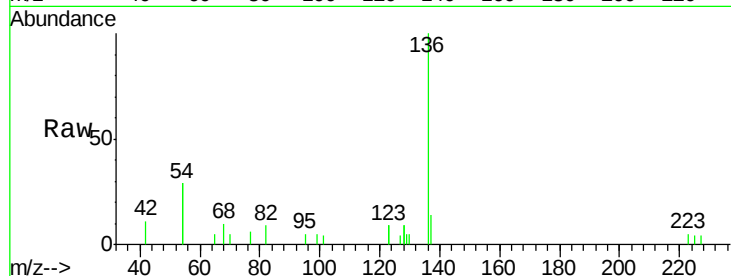
Ion Ratio Lower Upper

136 100

137 14.2 11.4 17.0

54 58.5 39.3 58.9

68 9.9 6.7 10.1

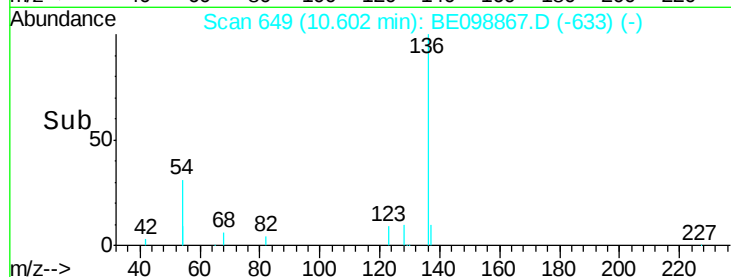


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time-->



#8

Nitrobenzene-d5

Concen: 0.322 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098867.D

Acq: 11 Mar 2019 18:19

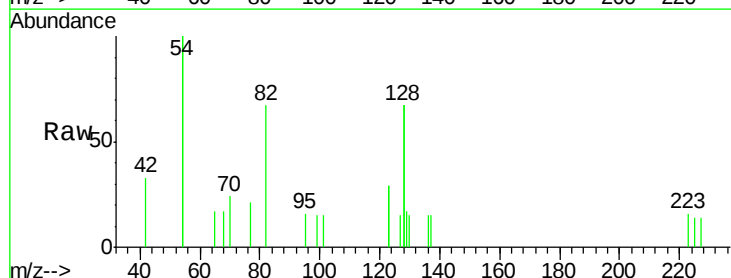
Tgt Ion: 82 Resp: 1135

Ion Ratio Lower Upper

82 100

128 199.0 123.8 185.8#

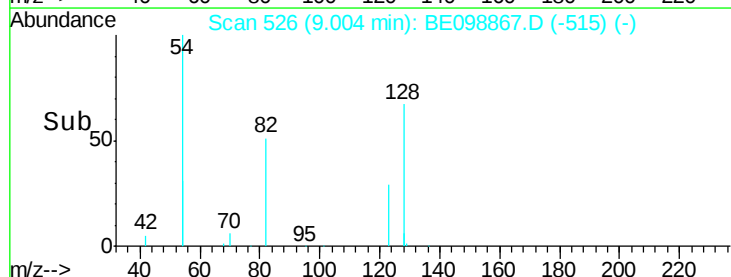
54 297.1 203.4 305.2



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



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098867.D

Acq: 11 Mar 2019 18:19

Instrument :

BNA_E

ClientSampleId :

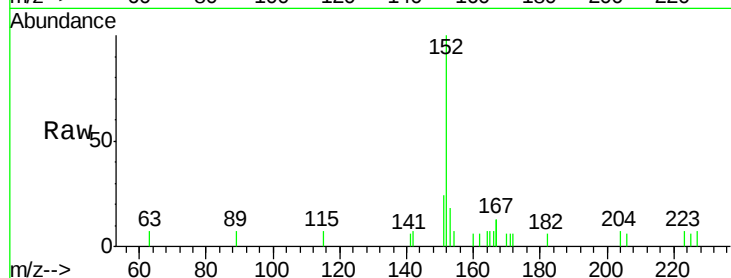
RE109D1-20190307

Tgt Ion:152 Resp: 2346

Ion Ratio Lower Upper

152 100

151 16.8 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

800

600

400

200

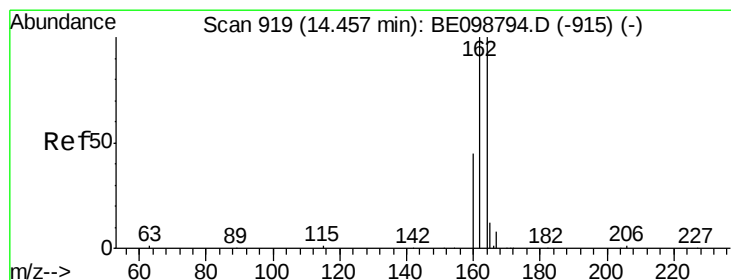
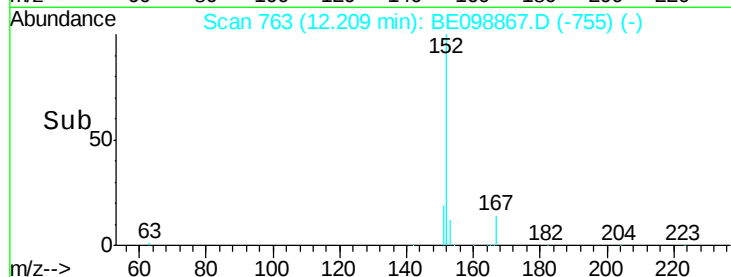
0

12.21

12.20

12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098867.D

Acq: 11 Mar 2019 18:19

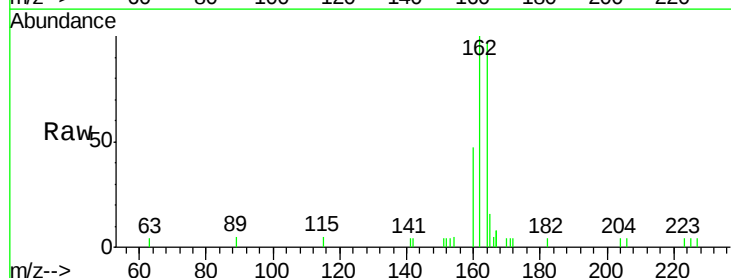
Tgt Ion:164 Resp: 2356

Ion Ratio Lower Upper

164 100

162 102.7 80.2 120.2

160 48.7 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

1500

1000

500

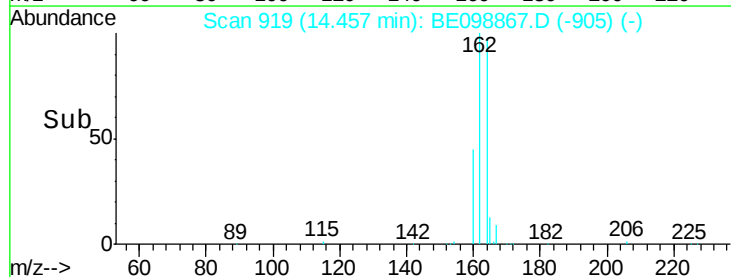
0

14.46

14.40

14.60

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.329 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098867.D

Acq: 11 Mar 2019 18:19

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190307

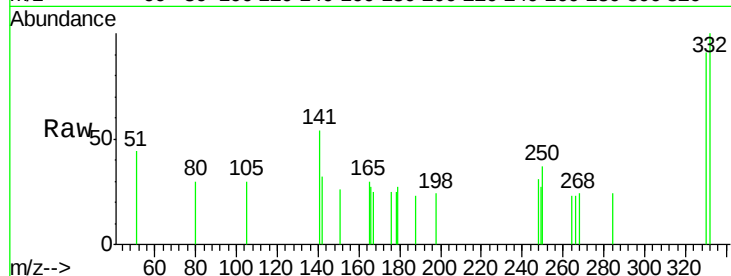
Tgt Ion:330 Resp: 391

Ion Ratio Lower Upper

330 100

332 104.9 77.6 116.4

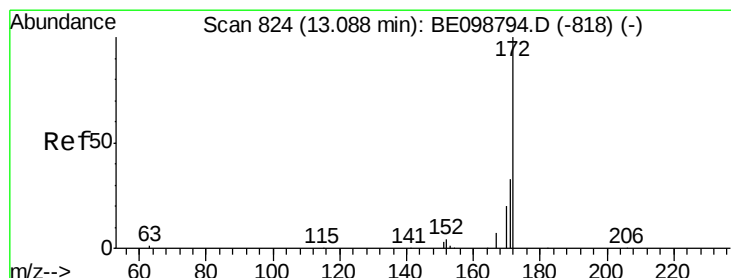
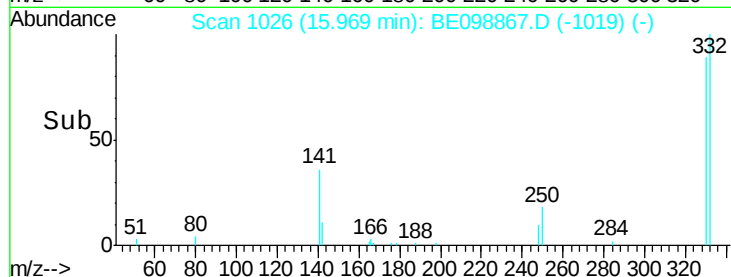
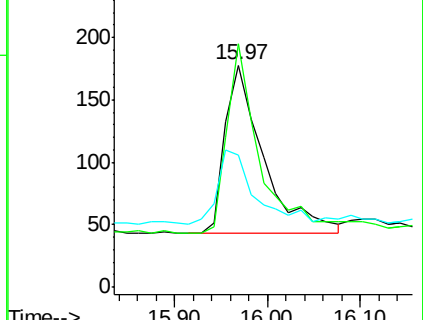
141 46.3 31.0 46.4



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: 0.401 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098867.D

Acq: 11 Mar 2019 18:19

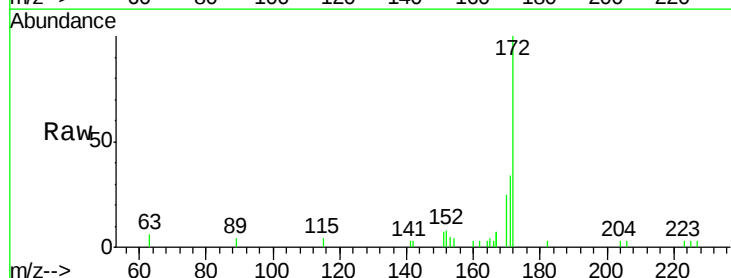
Tgt Ion:172 Resp: 3908

Ion Ratio Lower Upper

172 100

171 34.1 28.0 42.0

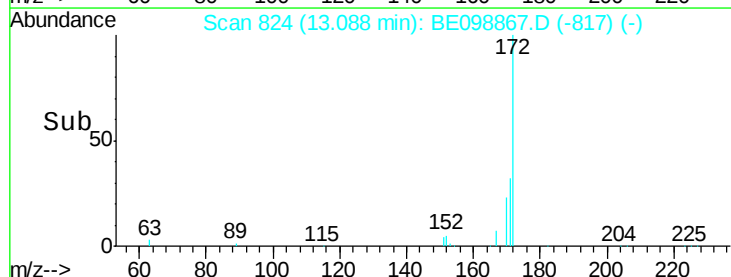
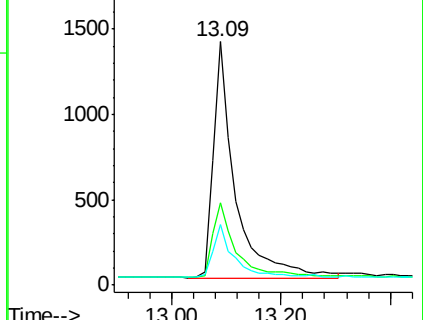
170 24.9 17.7 26.5



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098867.D

Acq: 11 Mar 2019 18:19

Instrument :

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RE109D1-20190307

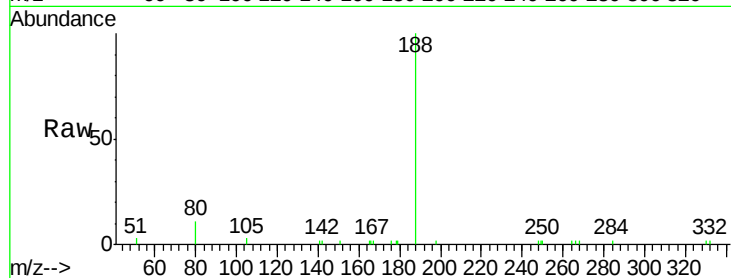
Tgt Ion:188 Resp: 6085

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

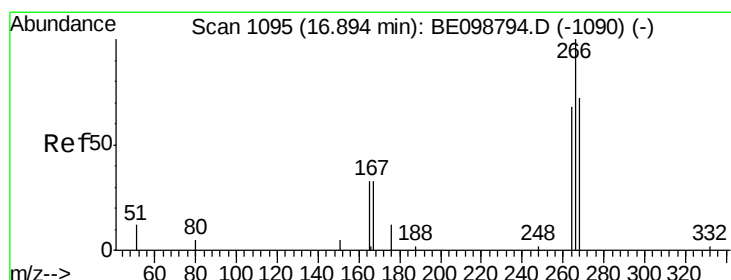
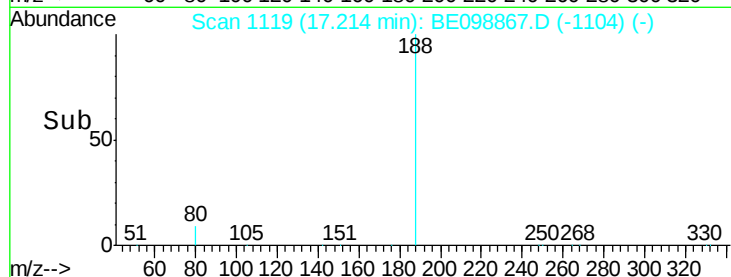
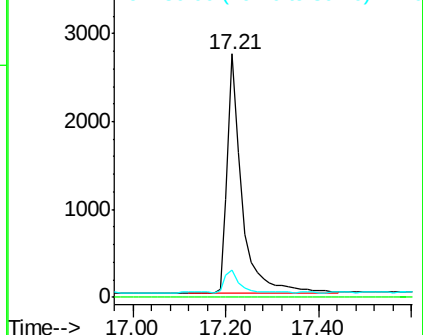
80 11.0 6.3 9.5#



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



#22

Pentachlorophenol

Concen: 0.269 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098867.D

Acq: 11 Mar 2019 18:19

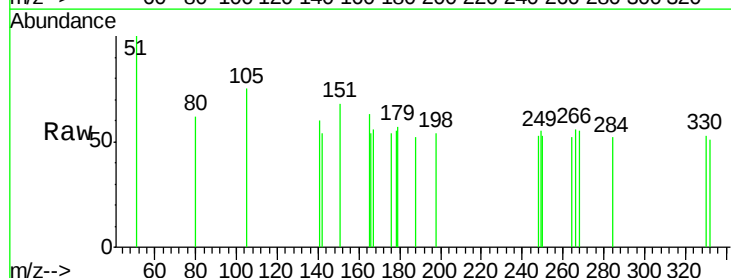
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 91.8 66.6 100.0

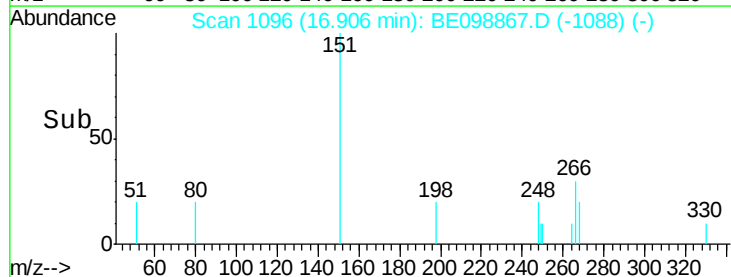
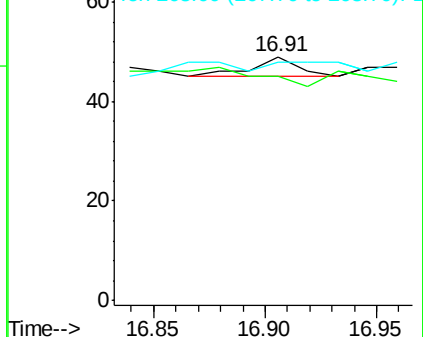
268 98.0 69.8 104.8



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE098867.D

Acq: 11 Mar 2019 18:19

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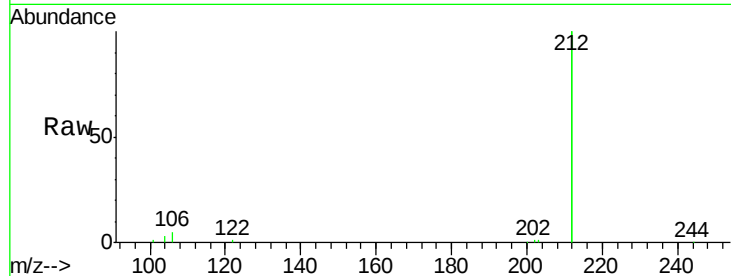
Tgt Ion:212 Resp: 36045

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

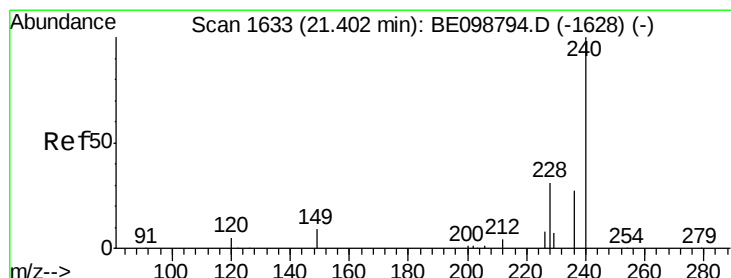
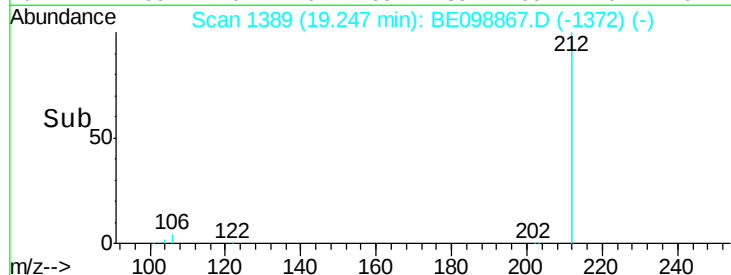
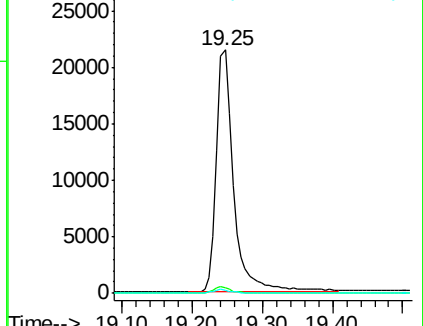
104 1.3 1.0 1.6



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: BE098867.D

Acq: 11 Mar 2019 18:19

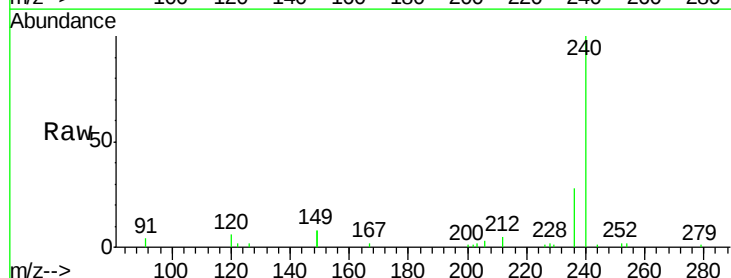
Tgt Ion:240 Resp: 7453

Ion Ratio Lower Upper

240 100

120 5.9 5.0 7.4

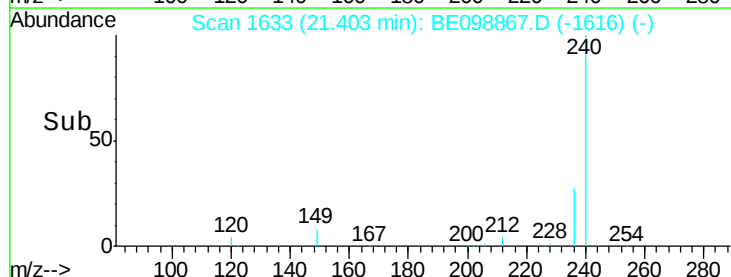
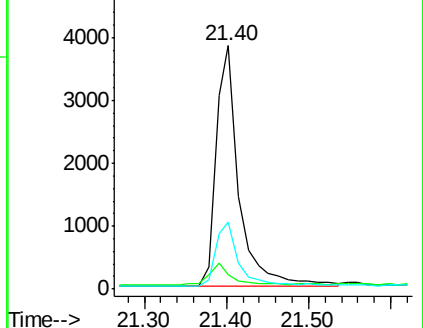
236 27.6 22.7 34.1

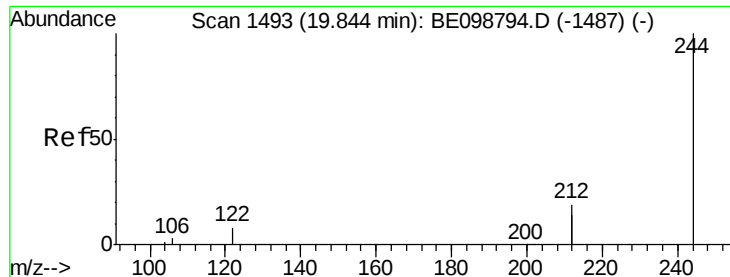


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.552 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098867.D

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ClientSampleId :

RE109D1-20190307

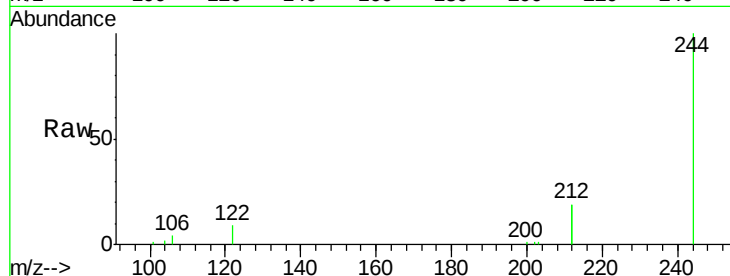
Tgt Ion:244 Resp: 10007

Ion Ratio Lower Upper

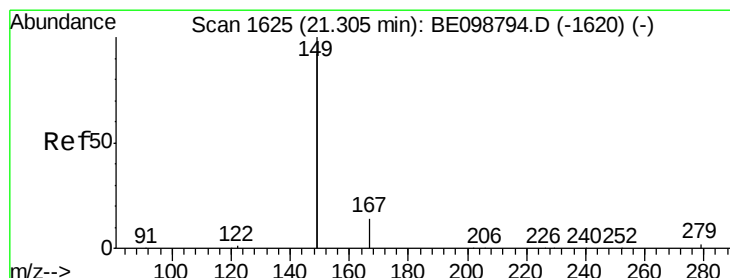
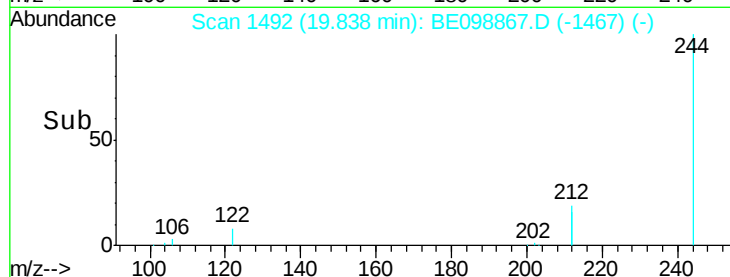
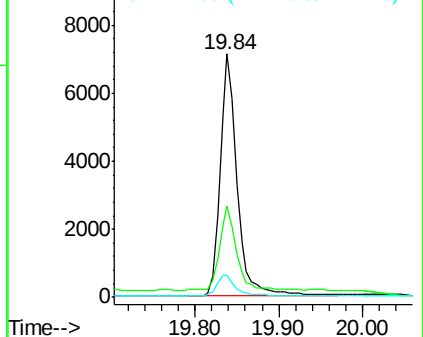
244 100

212 37.7 29.4 44.2

122 9.2 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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.081 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098867.D

Acq: 11 Mar 2019 18:19

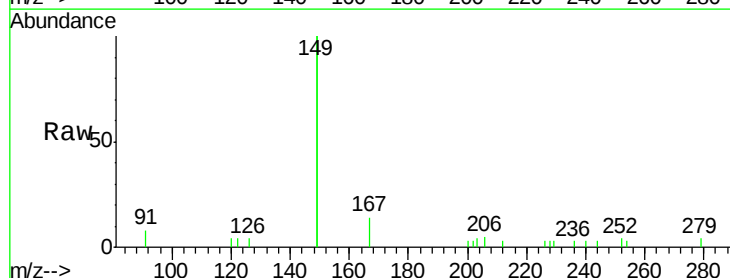
Tgt Ion:149 Resp: 4027

Ion Ratio Lower Upper

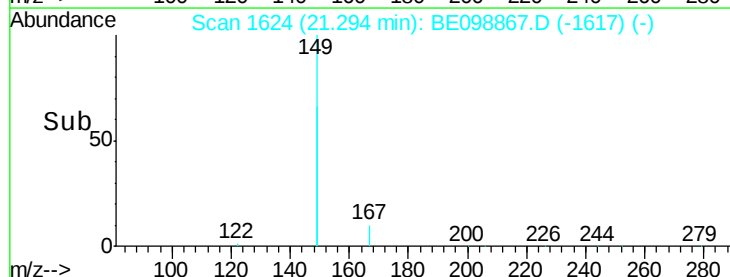
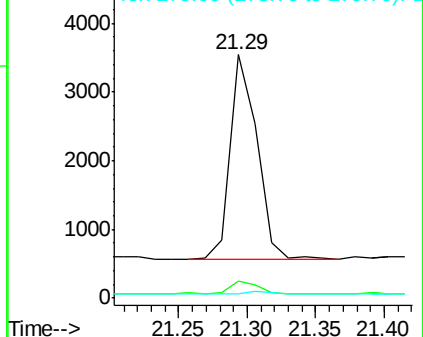
149 100

167 7.1 5.4 8.0

279 1.8 1.0 1.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

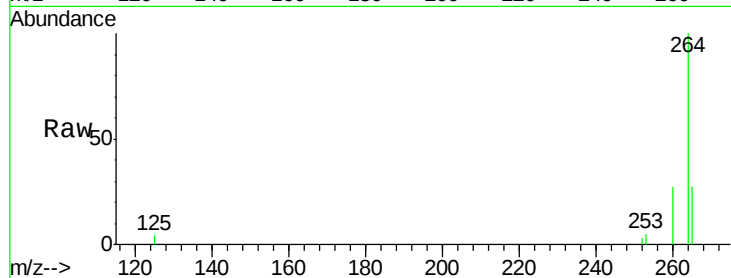




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

Instrument :
BNA_E
ClientSampleId :
RE109D1-20190307

Tgt Ion: 264 Resp: 7217
Ion Ratio Lower Upper
264 100
260 26.7 21.2 31.8
265 27.4 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

