

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098838.D
 Acq On : 8 Mar 2019 17:25
 Operator : JU/SJ
 Sample : K1793-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20190305

Quant Time: Mar 09 00:45:41 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

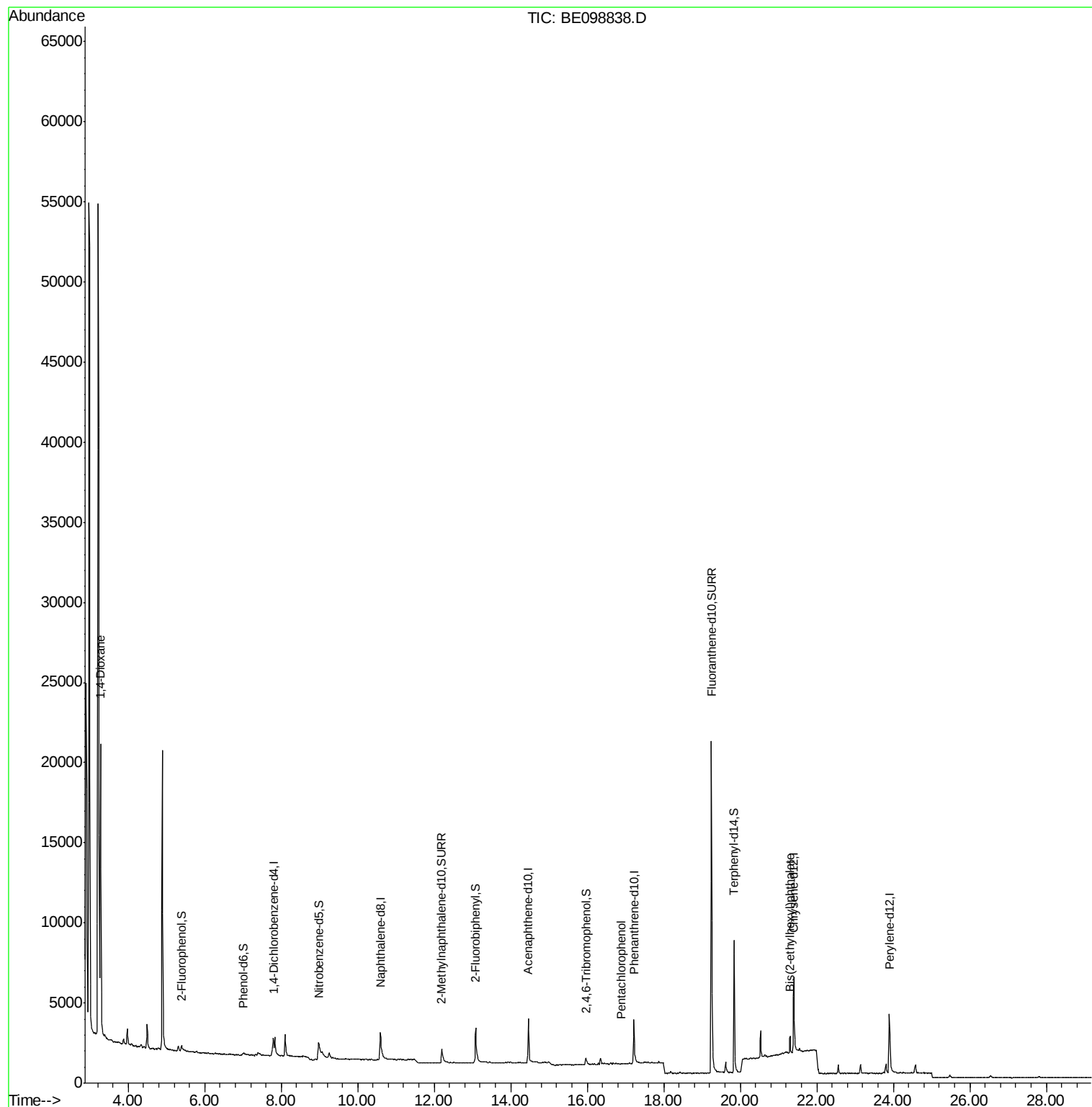
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	737	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	2986	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2142	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5195	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6522	0.40	ng	0.00
34) Perylene-d12	23.90	264	6441	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	326	0.15	ng	0.01
5) Phenol-d6	7.01	99	226	0.07	ng	0.02
8) Nitrobenzene-d5	8.98	82	1224	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2218	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	416	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3645	0.41	ng	0.00
25) Fluoranthene-d10	19.25	212	33383	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	8260	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	10014	8.721	ng	99
22) Pentachlorophenol	16.89	266	5	0.269	ng	88
32) Bis(2-ethylhexyl)phthalate	21.31	149	1591	0.037	ng	# 91

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

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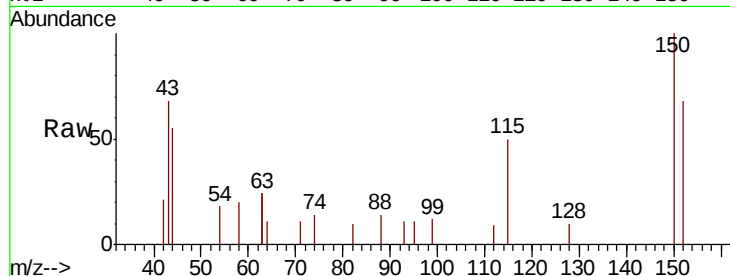


#1

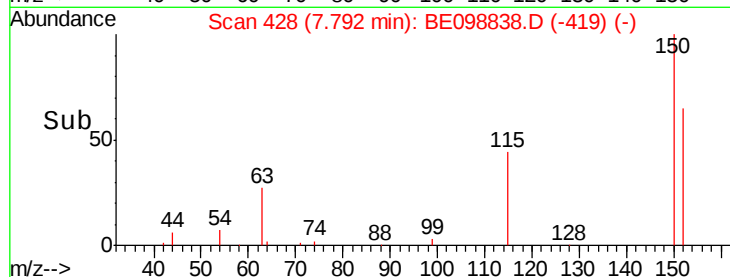
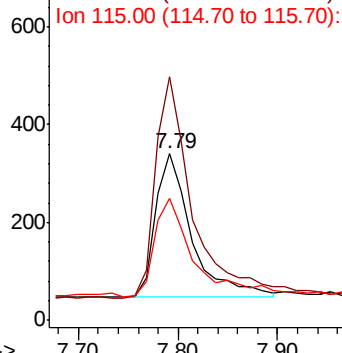
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE098838.D
Acq: 8 Mar 2019 17:25

Instrument :
BNA_E
ClientSampleId :
RE131D1-20190305

Tot Ion:152 Resp: 737
Ion Ratio Lower Upper
152 100
150 146.5 122.5 183.7
115 73.5 57.4 86.2



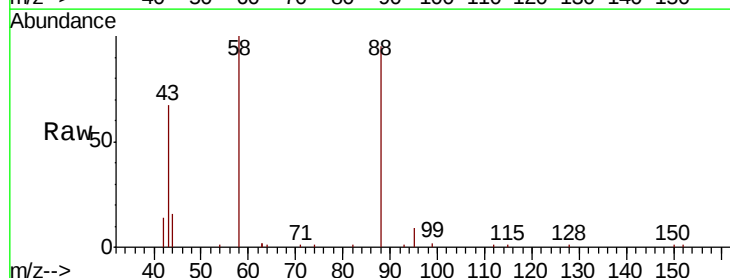
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



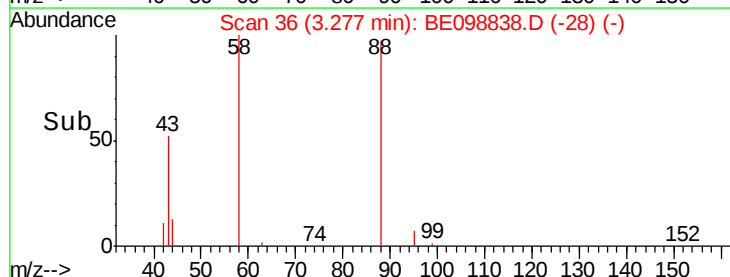
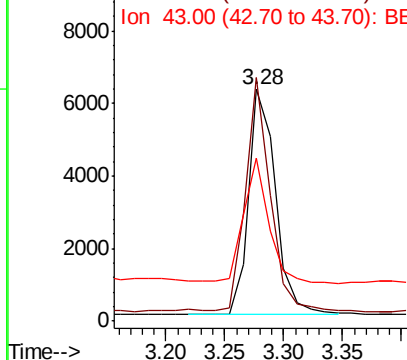
#2

1,4-Dioxane
Concen: 8.721 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098838.D
Acq: 8 Mar 2019 17:25

Tgt Ion: 88 Resp: 10014
Ion Ratio Lower Upper
88 100
58 92.9 75.8 113.6
43 51.9 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: 0.148 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098838.D

Acq: 8 Mar 2019 17:25

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190305

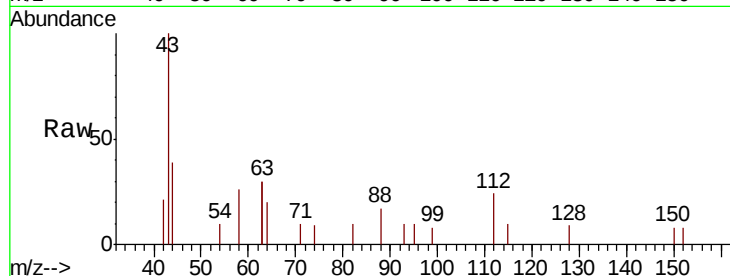
Tot Ion:112 Resp: 326

Ion Ratio Lower Upper

112 100

64 81.3 57.9 86.9

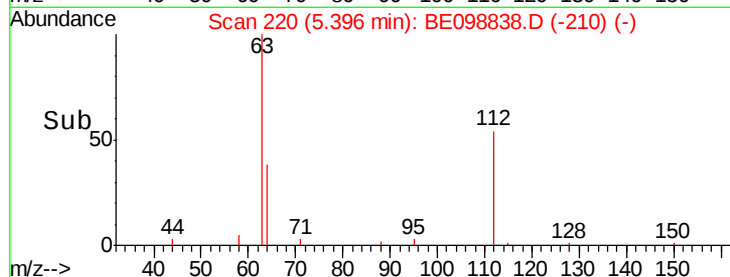
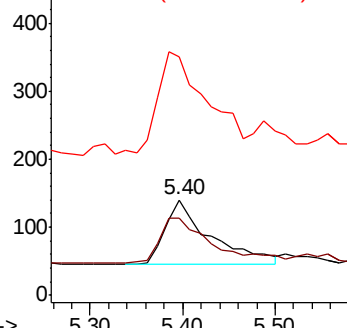
63 177.3 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.073 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098838.D

Acq: 8 Mar 2019 17:25

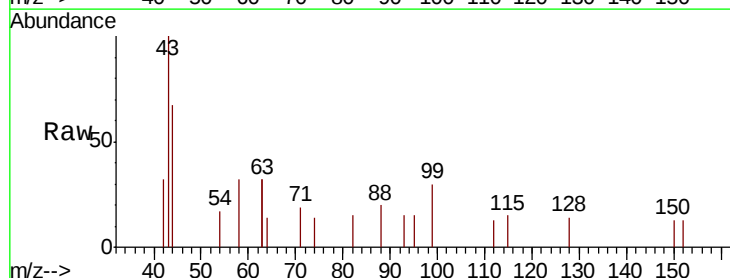
Tgt Ion: 99 Resp: 226

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

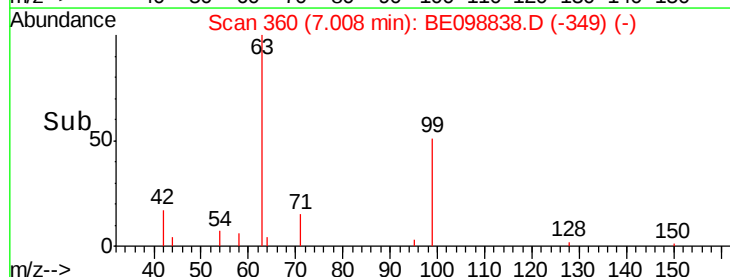
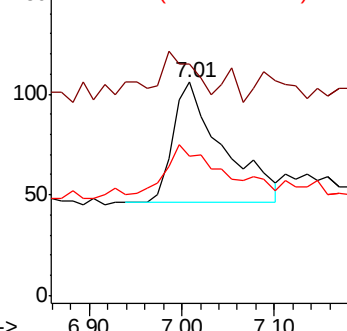
71 47.3 35.7 53.5



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: 10.59 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE098838.D

Acq: 8 Mar 2019 17:25

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190305

Tot Ion:136 Resp: 2986

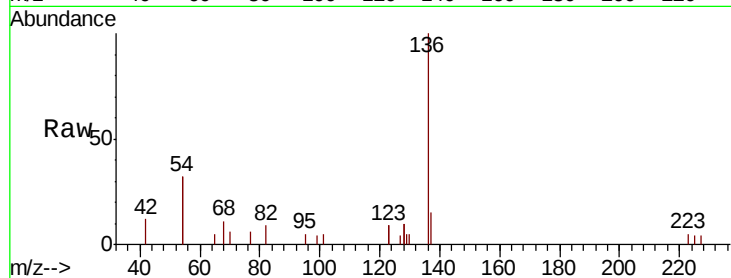
Ion Ratio Lower Upper

136 100

137 14.5 11.4 17.0

54 64.6 39.3 58.9#

68 11.0 6.7 10.1#

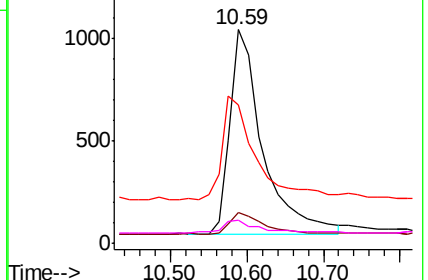
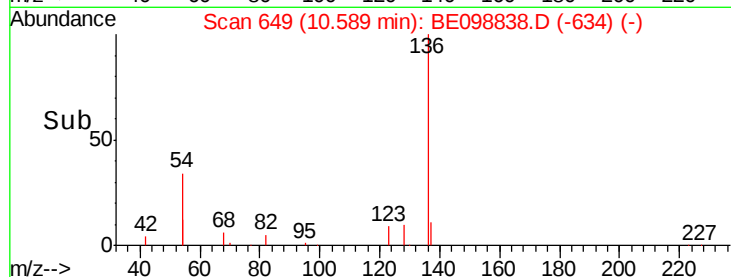


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.391 ng

RT: 8.98 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE098838.D

Acq: 8 Mar 2019 17:25

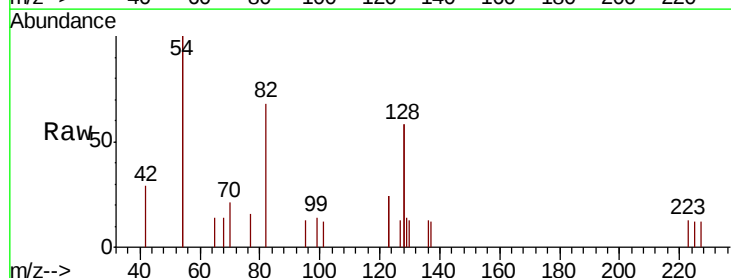
Tgt Ion: 82 Resp: 1224

Ion Ratio Lower Upper

82 100

128 170.8 123.8 185.8

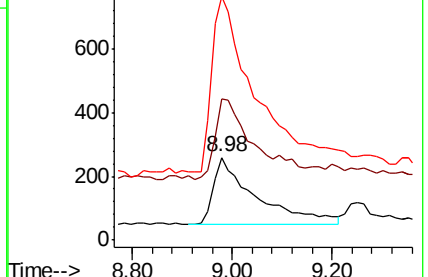
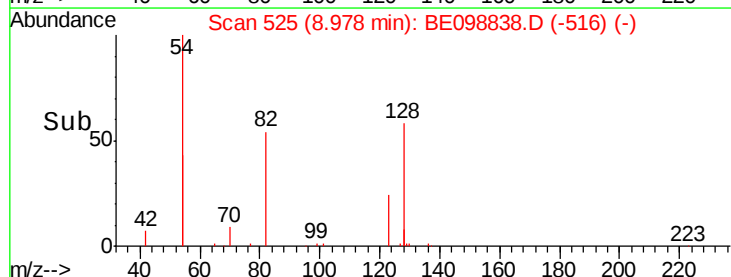
54 293.8 203.4 305.2



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





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.19 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098838.D

Acq: 8 Mar 2019 17:25

Instrument :

BNA_E

ClientSampleId :

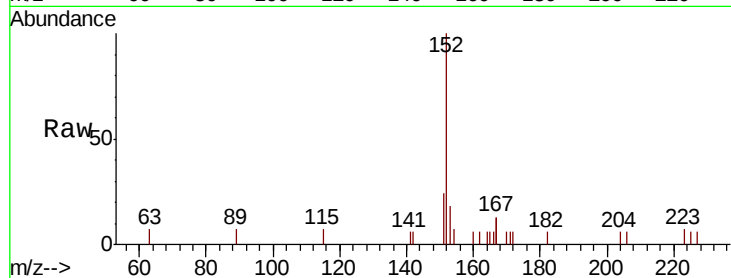
RE131D1-20190305

Tot Ion:152 Resp: 2218

Ion Ratio Lower Upper

152 100

151 17.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.19

800

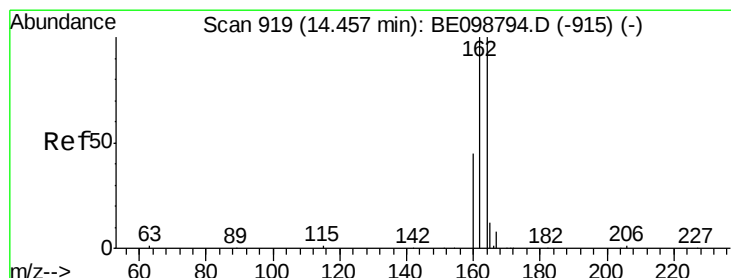
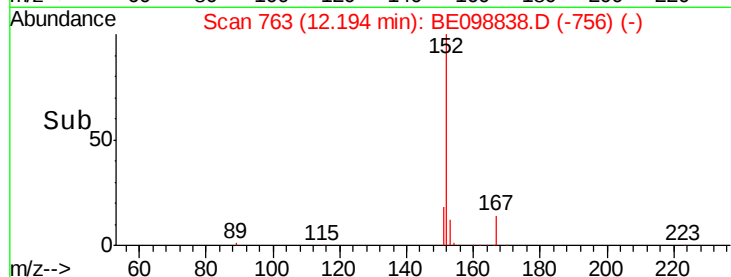
600

400

200

0

Time--> 12.00 12.20 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE098838.D

Acq: 8 Mar 2019 17:25

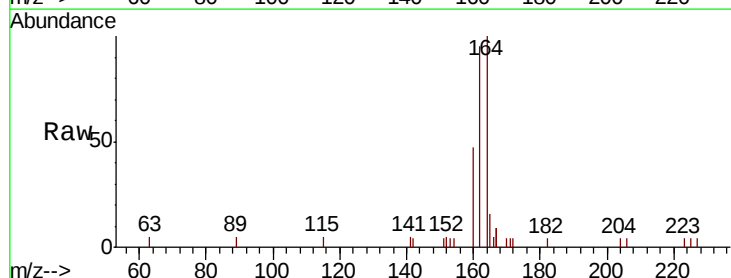
Tgt Ion:164 Resp: 2142

Ion Ratio Lower Upper

164 100

162 94.8 80.2 120.2

160 46.6 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

14.46

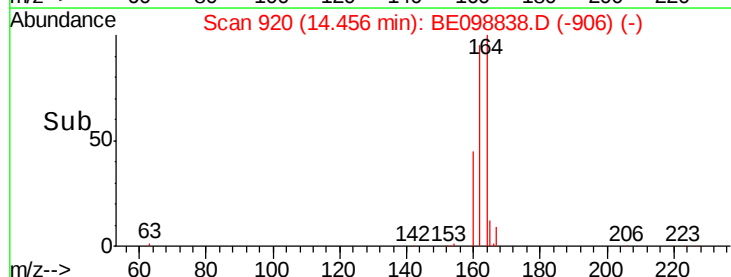
1500

1000

500

0

Time--> 14.40 14.50 14.60

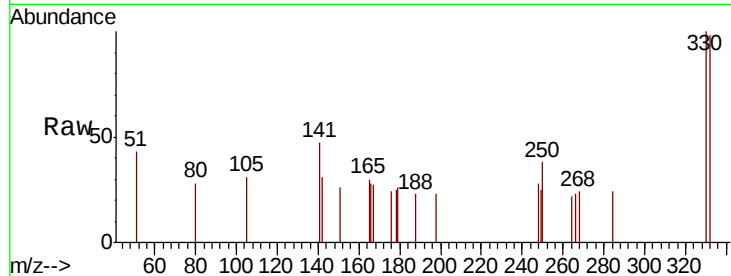




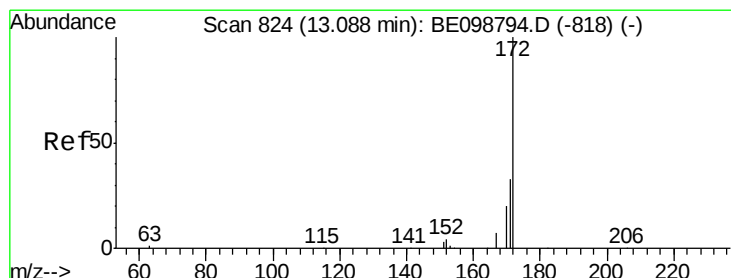
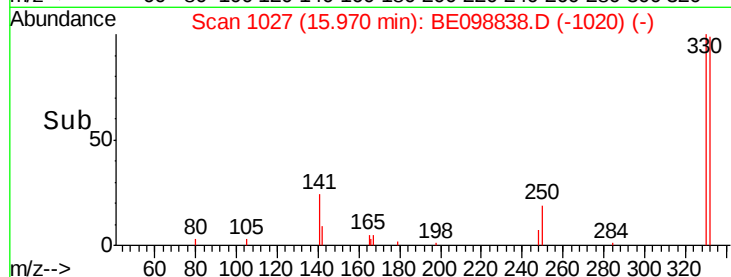
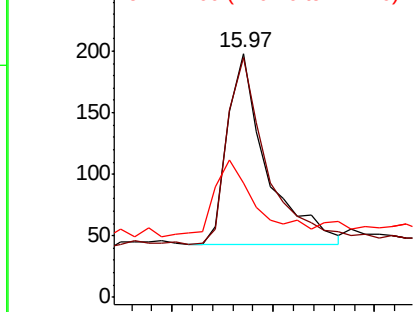
#14
 2,4,6-Tribromophenol
 Concen: 0.385 ng
 RT: 15.97 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE098838.D
 Acq: 8 Mar 2019 17:25

Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20190305

Tot Ion:330 Resp: 416
 Ion Ratio Lower Upper
 330 100
 332 110.3 77.6 116.4
 141 39.4 31.0 46.4

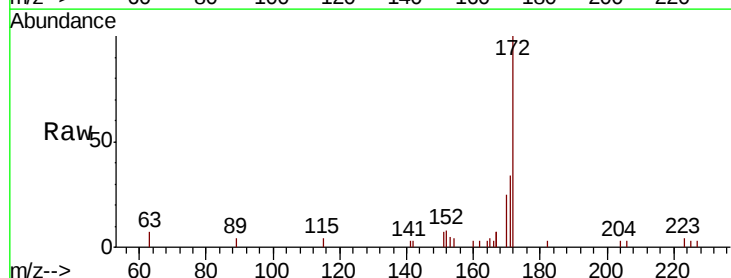


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

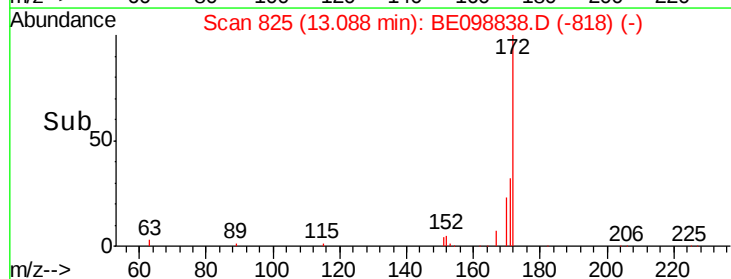
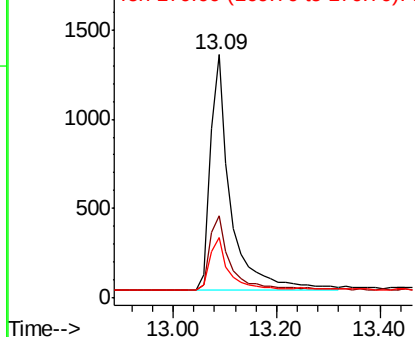


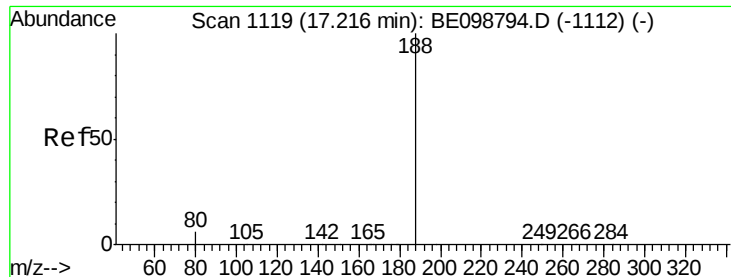
#15
 2-Fluorobiphenyl
 Concen: 0.411 ng
 RT: 13.09 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE098838.D
 Acq: 8 Mar 2019 17:25

Tgt Ion:172 Resp: 3645
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.0 42.0
 170 25.1 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: 17.22 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098838.D

Acq: 8 Mar 2019 17:25

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190305

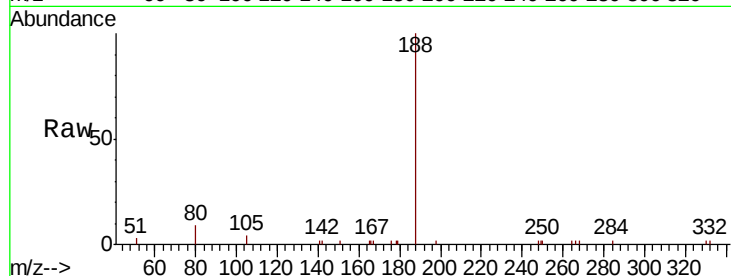
Tot Ion:188 Resp: 5195

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

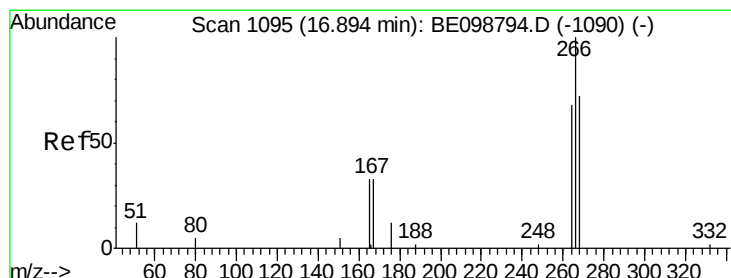
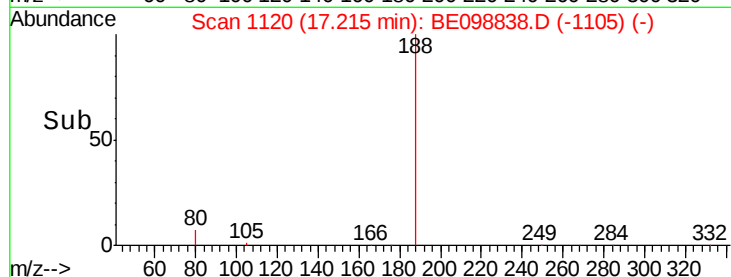
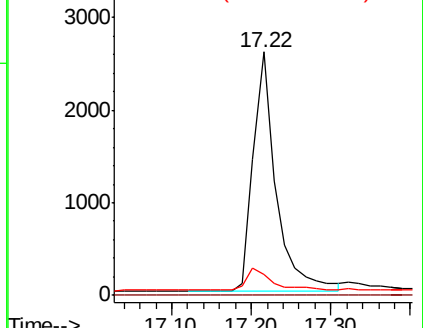
80 8.6 6.3 9.5



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: 16.89 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BE098838.D

Acq: 8 Mar 2019 17:25

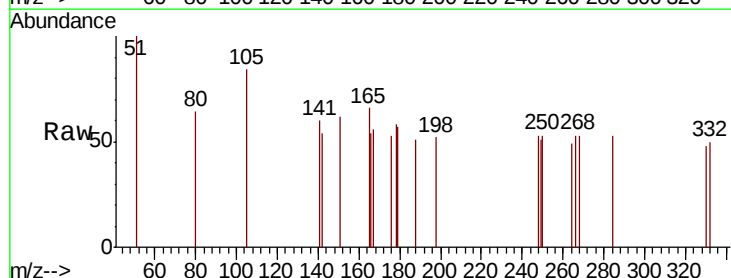
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 91.7 66.6 100.0

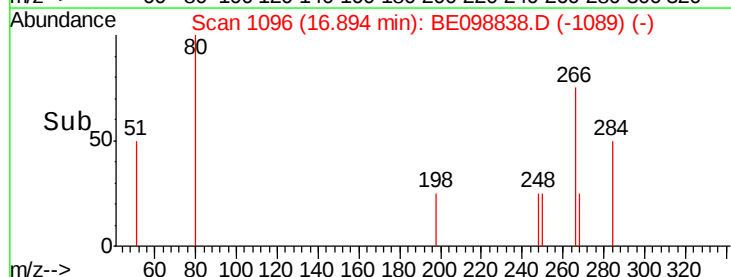
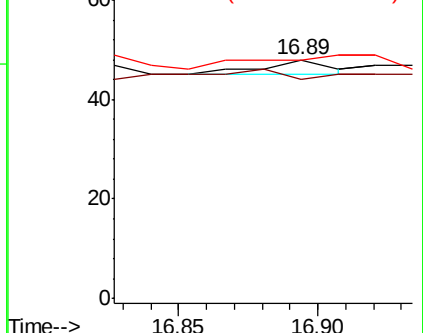
268 100.0 69.8 104.8

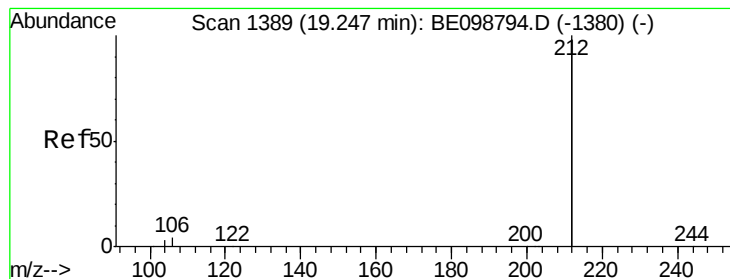


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE098838.D

Acq: 8 Mar 2019 17:25

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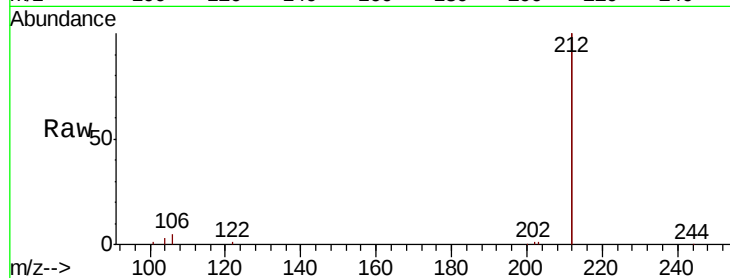
Tot Ion:212 Resp: 33383

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

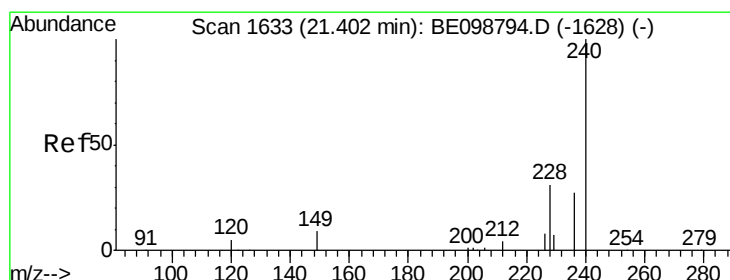
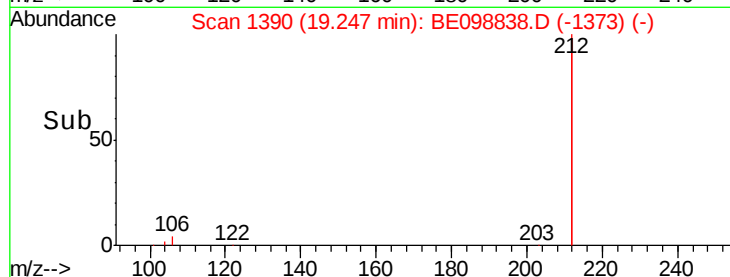
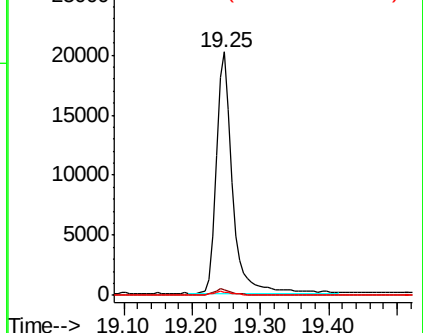
104 1.4 1.0 1.6



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# 1634

Delta R.T. -0.00 min

Lab File: BE098838.D

Acq: 8 Mar 2019 17:25

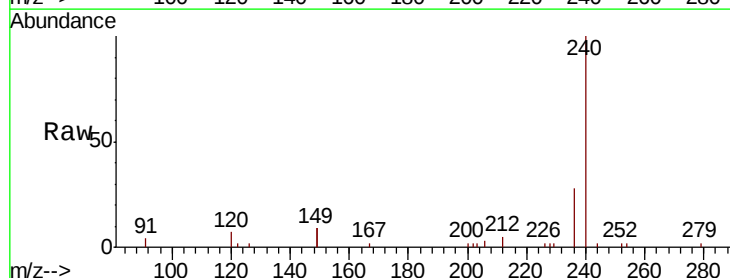
Tgt Ion:240 Resp: 6522

Ion Ratio Lower Upper

240 100

120 6.9 5.0 7.4

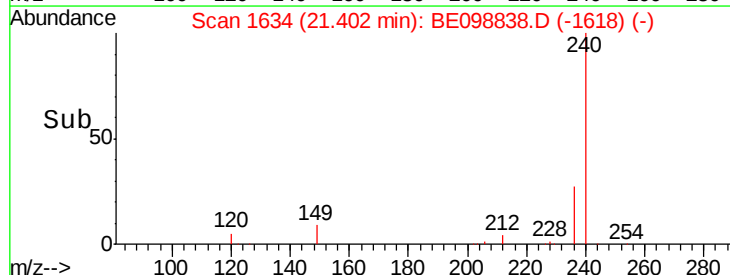
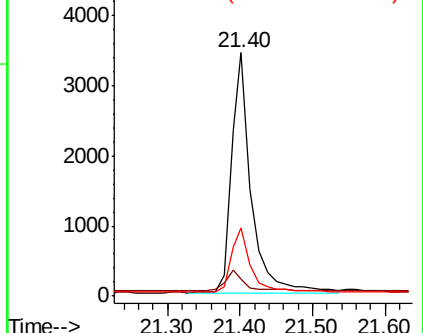
236 28.3 22.7 34.1

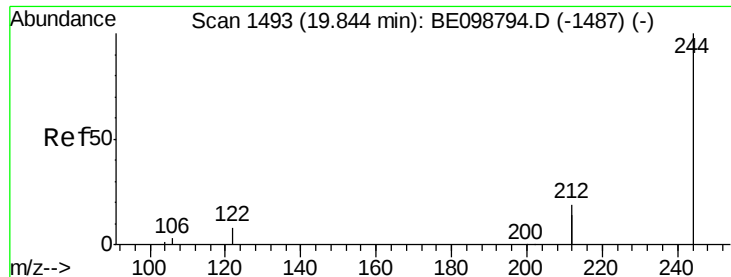


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.521 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE098838.D

Acq: 8 Mar 2019 17:25

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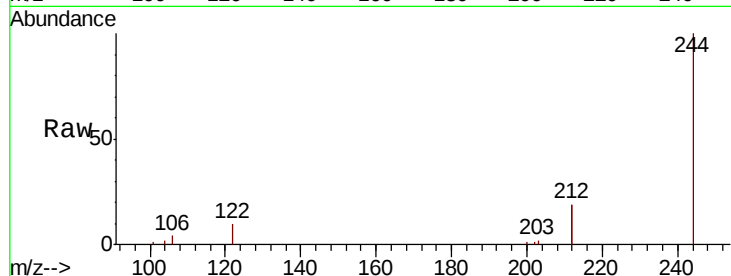
Tot Ion:244 Resp: 8260

Ion Ratio Lower Upper

244 100

212 38.1 29.4 44.2

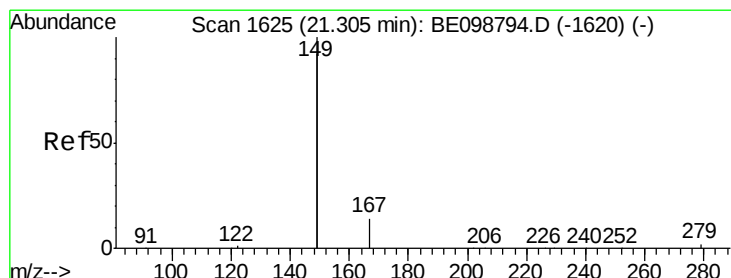
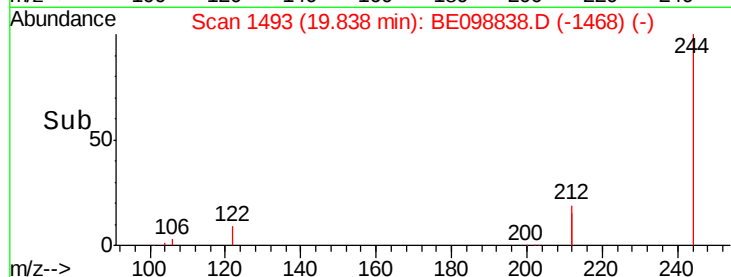
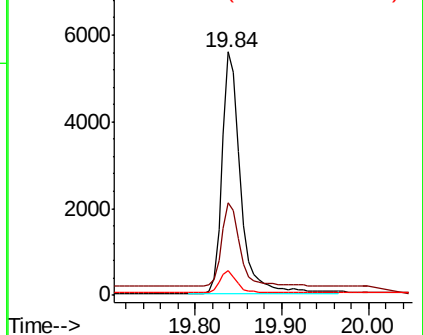
122 10.0 7.1 10.7



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: 0.037 ng

RT: 21.31 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE098838.D

Acq: 8 Mar 2019 17:25

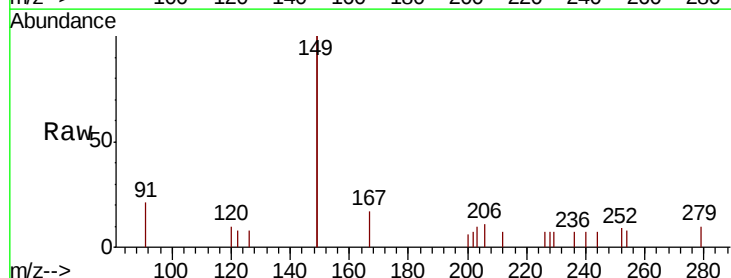
Tgt Ion:149 Resp: 1591

Ion Ratio Lower Upper

149 100

167 10.2 5.4 8.0#

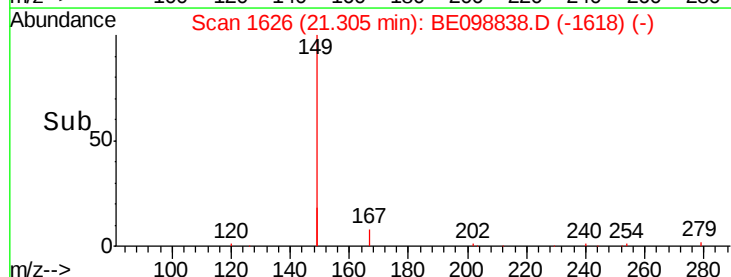
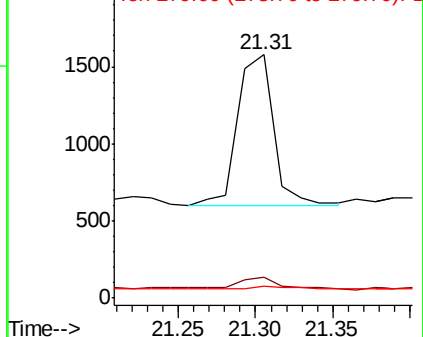
279 2.4 1.0 1.4#

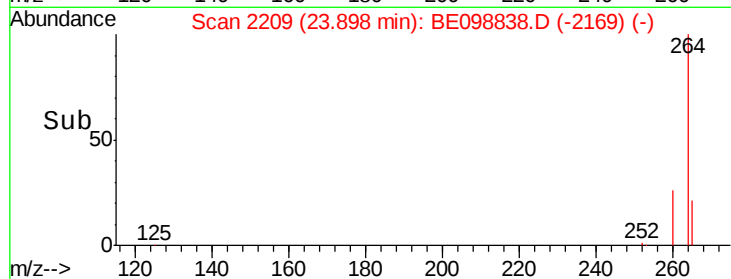
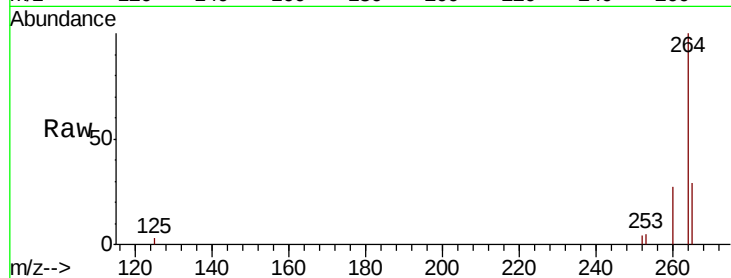


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BE098838.D

Acq: 8 Mar 2019 17:25

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190305

Tot Ion:264 Resp: 6441

Ion Ratio Lower Upper

264 100

260 27.0 21.2 31.8

265 29.1 24.6 36.8

