

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098883.D
 Acq On : 12 Mar 2019 5:22
 Operator : JU/SJ
 Sample : K1841-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D3-20190308

Quant Time: Mar 12 07:28:44 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

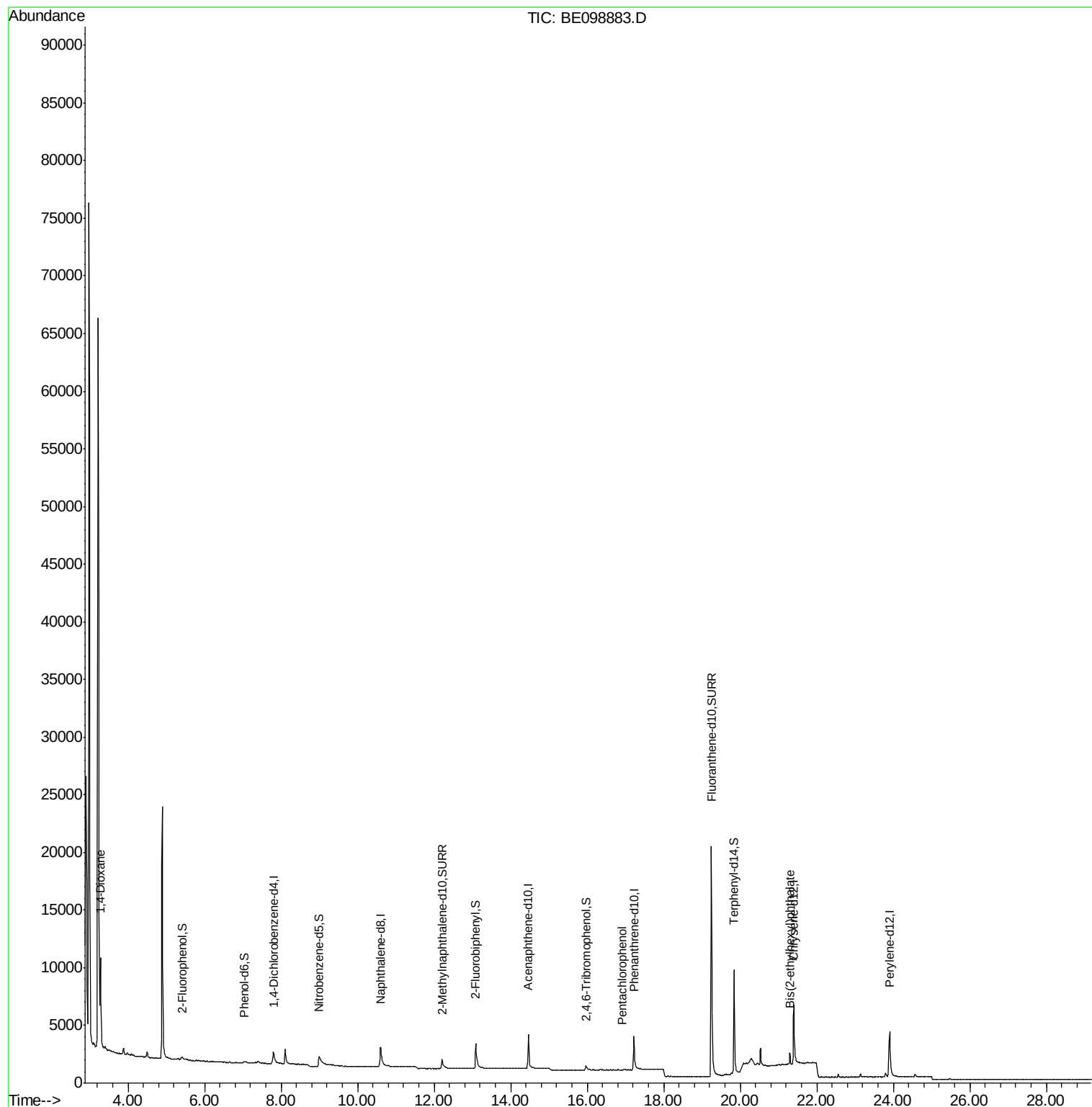
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	832	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3529	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2539	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6572	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7830	0.40	ng	0.00
34) Perylene-d12	23.90	264	7485	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	359	0.14	ng	0.03
5) Phenol-d6	7.03	99	180	0.05	ng	0.05
8) Nitrobenzene-d5	8.99	82	1167	0.32	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	2433	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	394	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4060	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	35797	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	9035	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	4136	3.125	ng	96
22) Pentachlorophenol	16.92	266	10	0.271	ng	92
32) Bis(2-ethylhexyl)phthalate	21.29	149	1424	0.027	ng	# 98

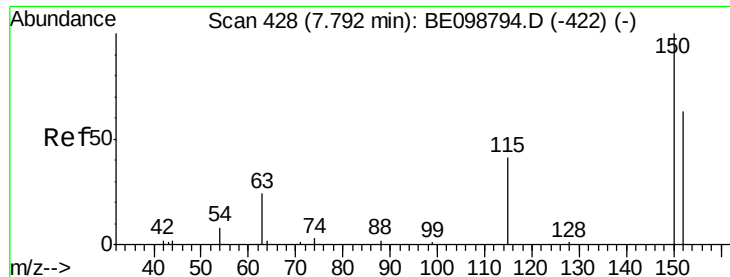
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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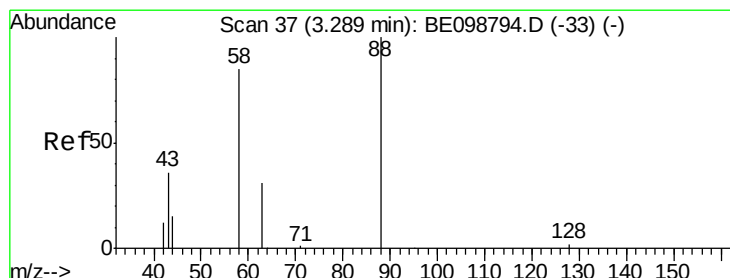
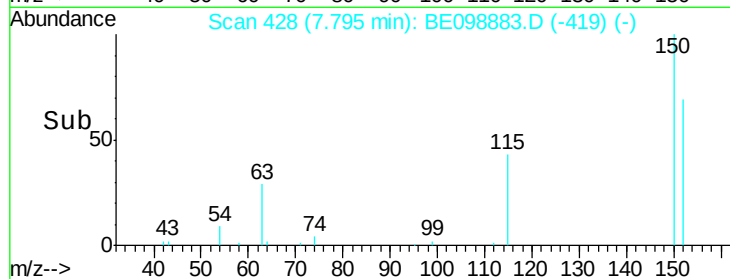
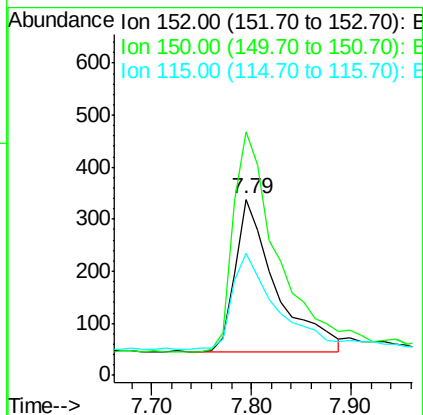
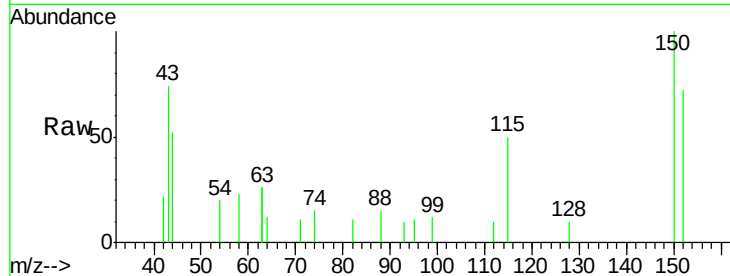


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098883.D
Acq: 12 Mar 2019 5:22

Instrument :
BNA_E
ClientSampleId :
RE125D3-20190308

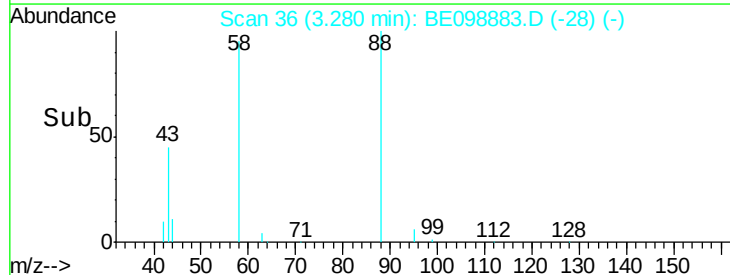
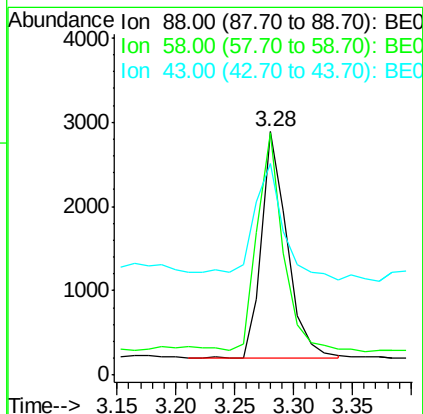
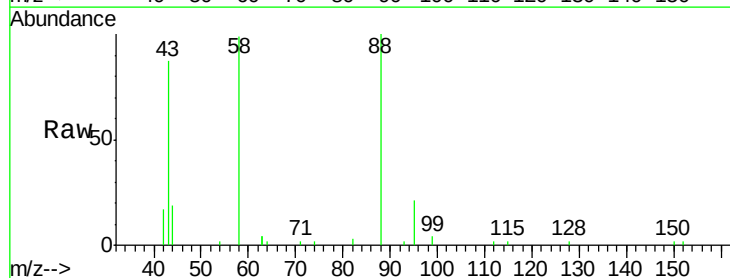
Tgt Ion: 152 Resp: 832
Ion Ratio Lower Upper
152 100
150 138.1 122.5 183.7
115 69.0 57.4 86.2

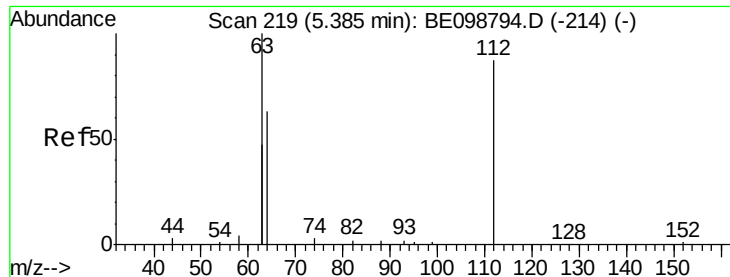


#2

1,4-Dioxane
Concen: 3.125 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098883.D
Acq: 12 Mar 2019 5:22

Tgt Ion: 88 Resp: 4136
Ion Ratio Lower Upper
88 100
58 94.5 75.8 113.6
43 60.1 41.8 62.8





#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098883.D

Acq: 12 Mar 2019 5:22

Instrument :

BNA_E

ClientSampleId :

RE125D3-20190308

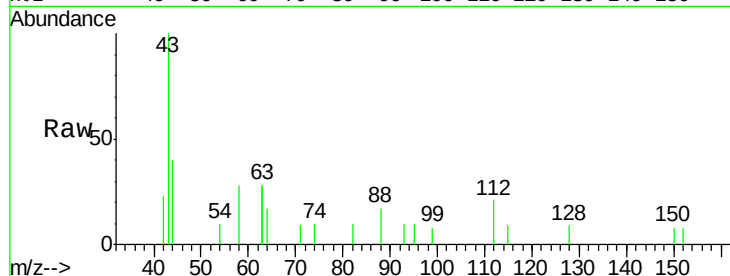
Tgt Ion: 112 Resp: 359

Ion Ratio Lower Upper

112 100

64 74.1 57.9 86.9

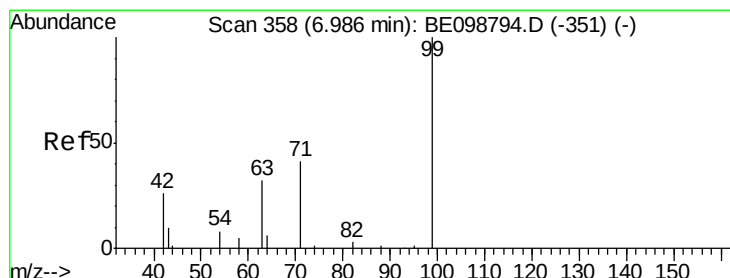
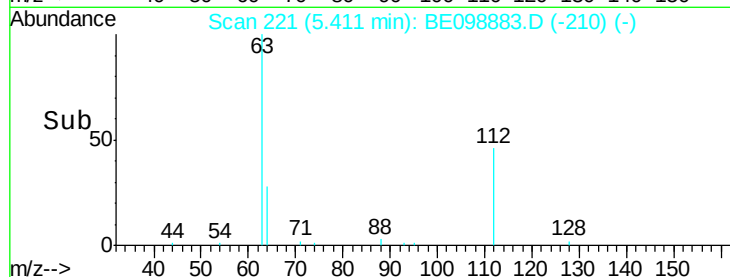
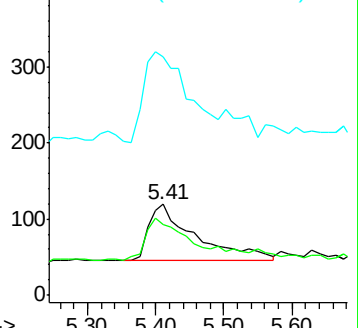
63 155.2 158.3 237.5#



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: 0.051 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE098883.D

Acq: 12 Mar 2019 5:22

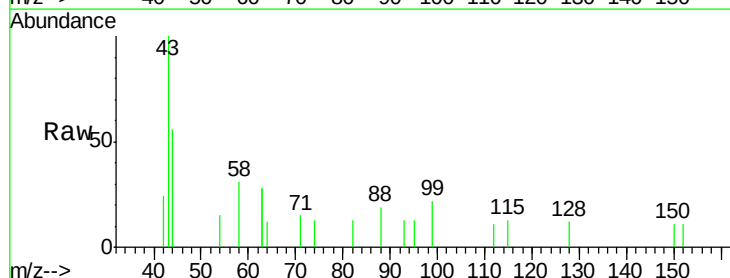
Tgt Ion: 99 Resp: 180

Ion Ratio Lower Upper

99 100

42 11.1 24.2 36.2#

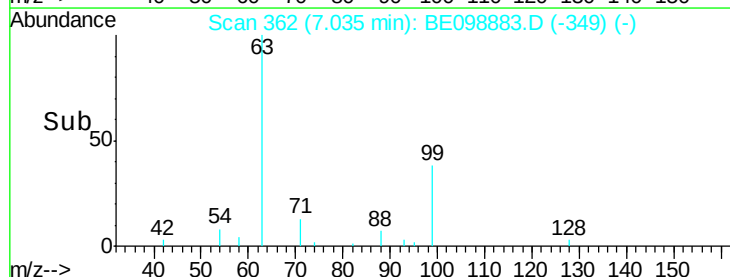
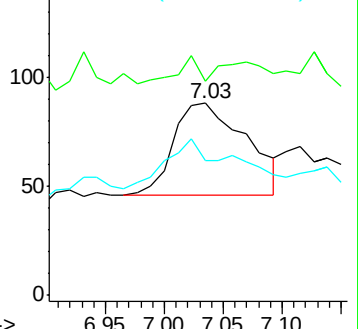
71 51.7 35.7 53.5

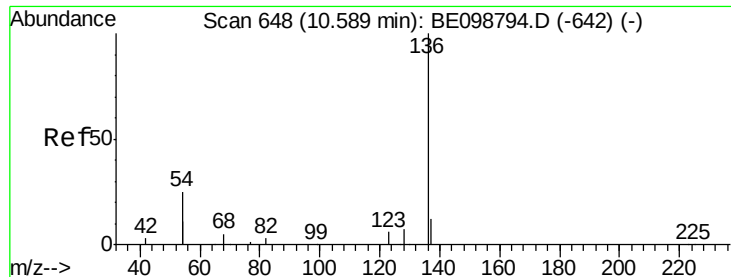


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098883.D

Acq: 12 Mar 2019 5:22

Instrument :

BNA_E

ClientSampleId :

RE125D3-20190308

Tgt Ion: 136 Resp: 3529

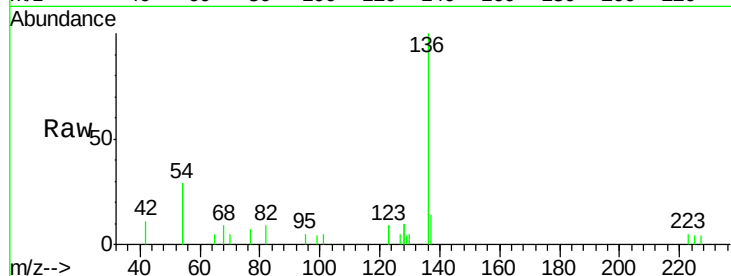
Ion Ratio Lower Upper

136 100

137 13.6 11.4 17.0

54 57.1 39.3 58.9

68 9.2 6.7 10.1

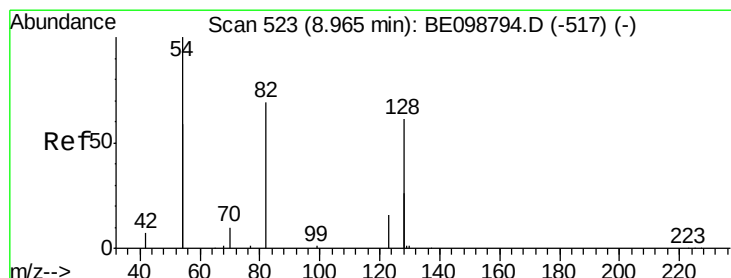
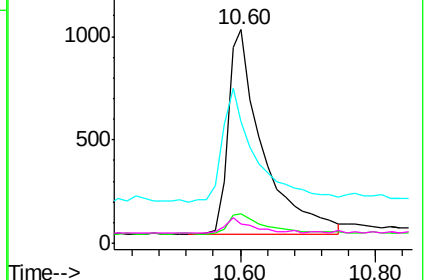
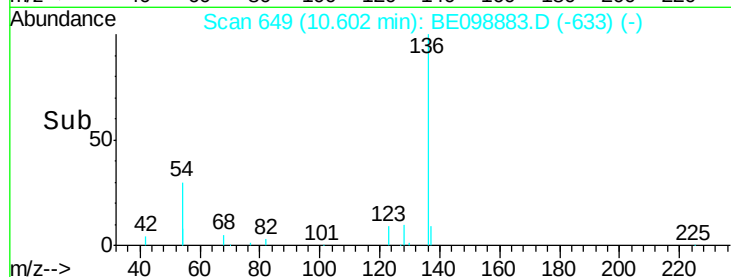


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.315 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098883.D

Acq: 12 Mar 2019 5:22

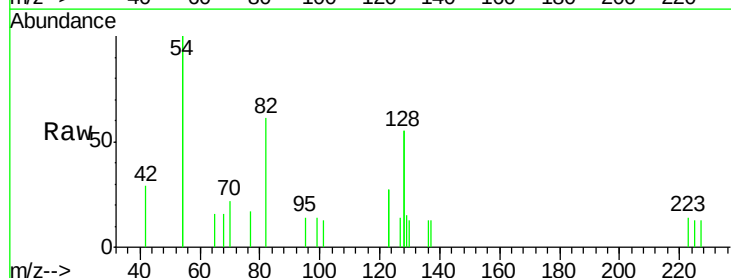
Tgt Ion: 82 Resp: 1167

Ion Ratio Lower Upper

82 100

128 180.9 123.8 185.8

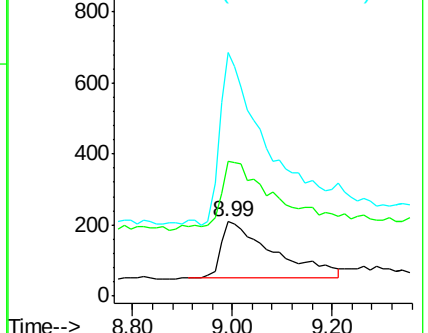
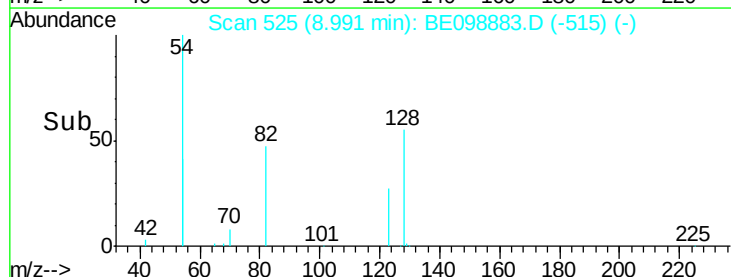
54 328.2 203.4 305.2#

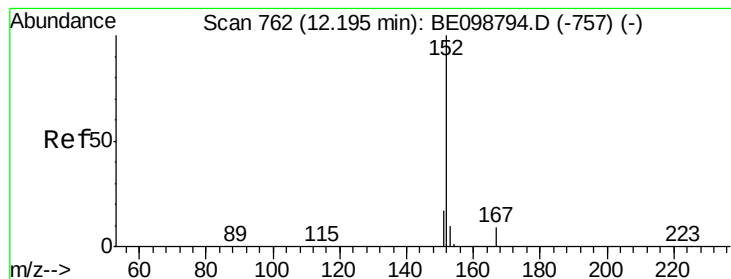


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.373 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098883.D

Acq: 12 Mar 2019 5:22

Instrument :

BNA_E

ClientSampleId :

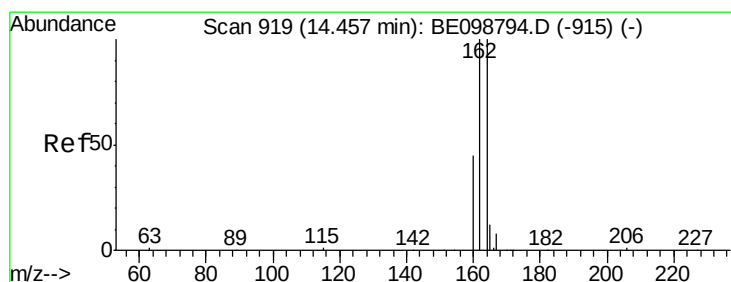
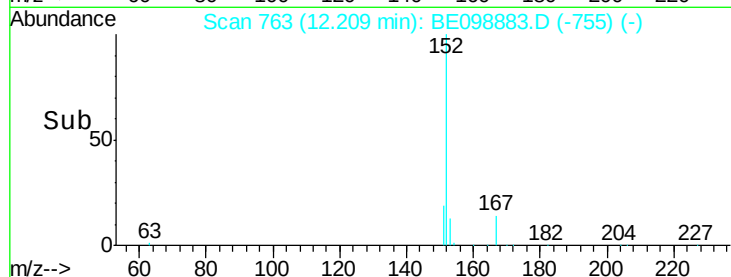
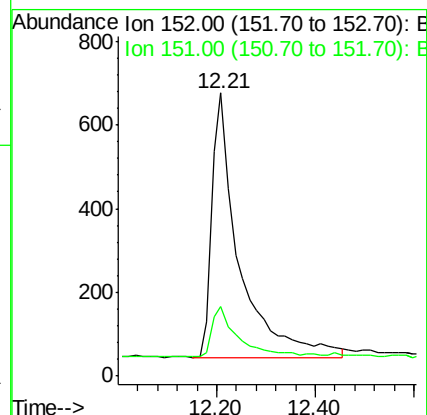
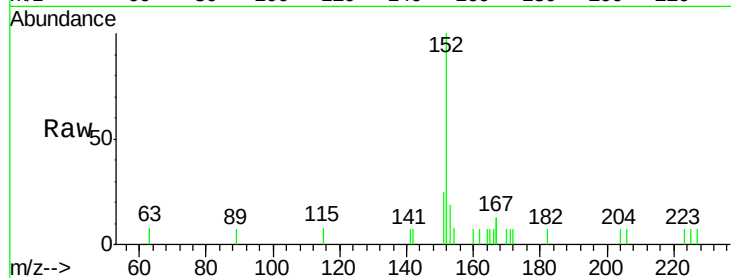
RE125D3-20190308

Tgt Ion:152 Resp: 2433

Ion Ratio Lower Upper

152 100

151 17.6 16.5 24.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098883.D

Acq: 12 Mar 2019 5:22

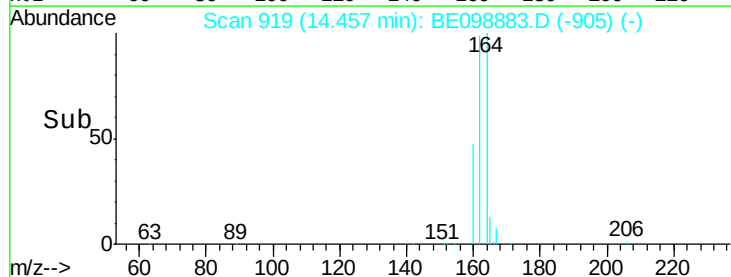
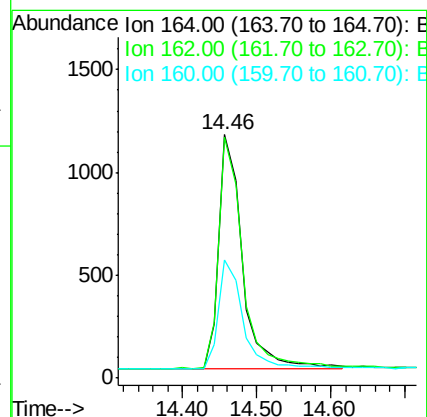
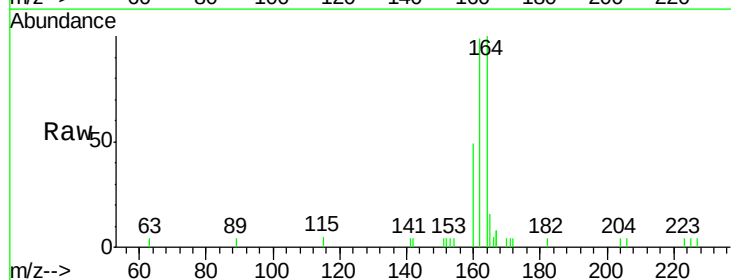
Tgt Ion:164 Resp: 2539

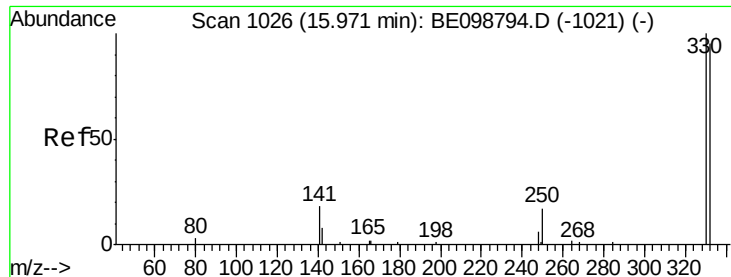
Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.2

160 48.6 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.307 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE098883.D

Acq: 12 Mar 2019 5:22

Instrument :

BNA_E

ClientSampleId :

RE125D3-20190308

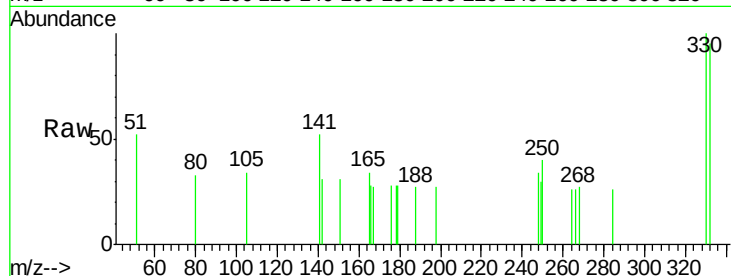
Tgt Ion:330 Resp: 394

Ion Ratio Lower Upper

330 100

332 91.1 77.6 116.4

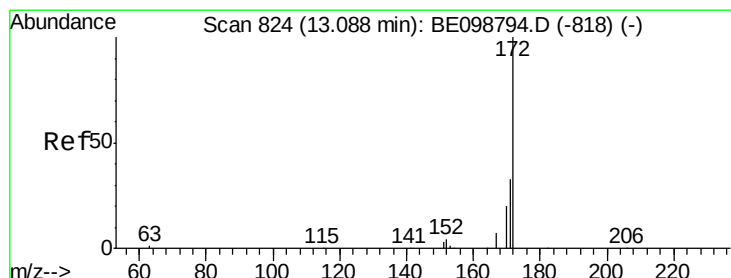
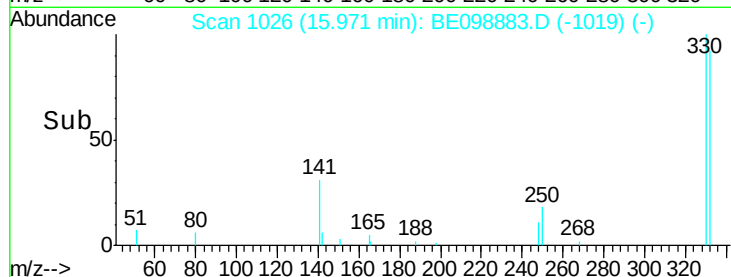
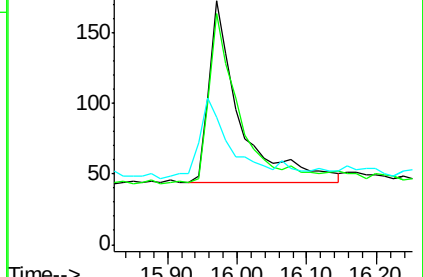
141 41.4 31.0 46.4



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: 0.386 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098883.D

Acq: 12 Mar 2019 5:22

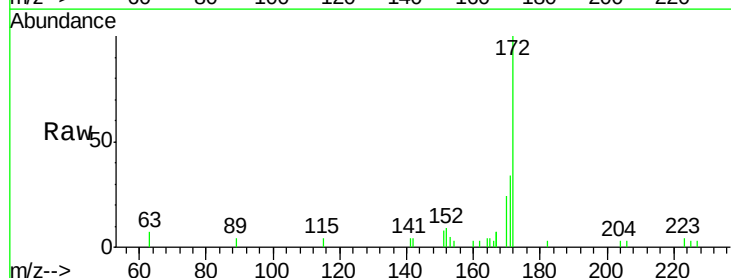
Tgt Ion:172 Resp: 4060

Ion Ratio Lower Upper

172 100

171 34.4 28.0 42.0

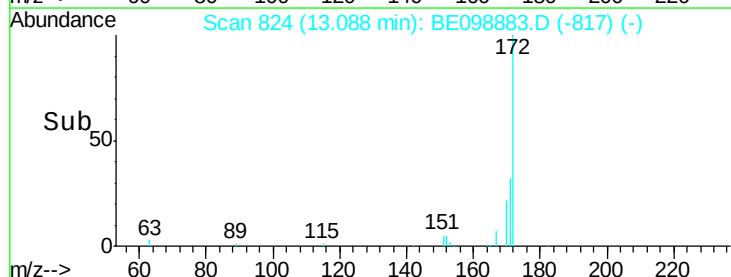
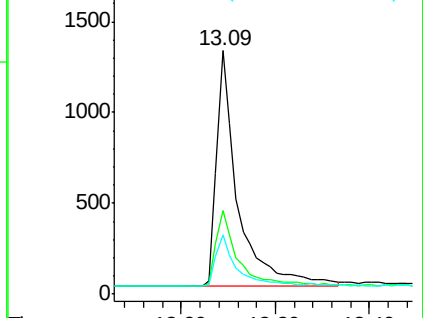
170 24.3 17.7 26.5

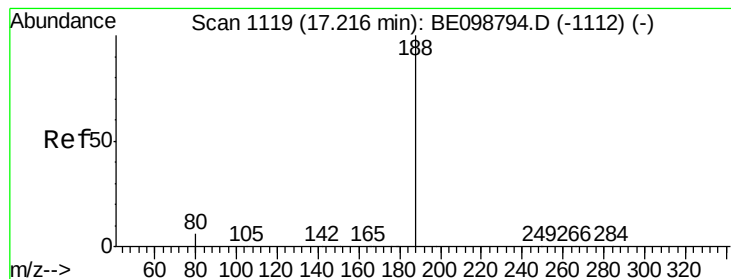


Abundance Ion 172.00 (171.70 to 172.70): E

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# 1119

Delta R.T. 0.00 min

Lab File: BE098883.D

Acq: 12 Mar 2019 5:22

Instrument :

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ClientSampleId :

RE125D3-20190308

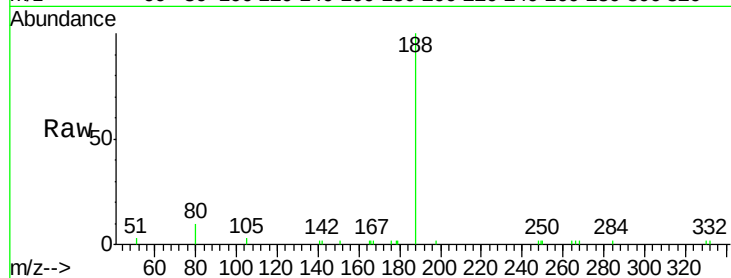
Tgt Ion:188 Resp: 6572

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

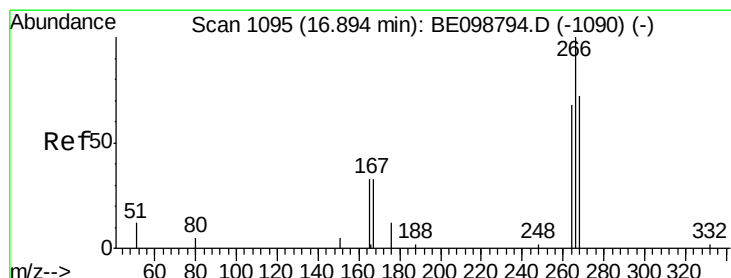
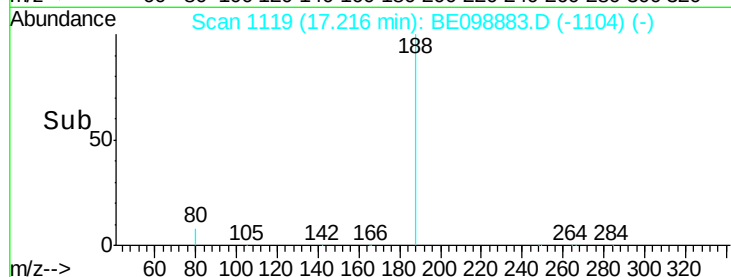
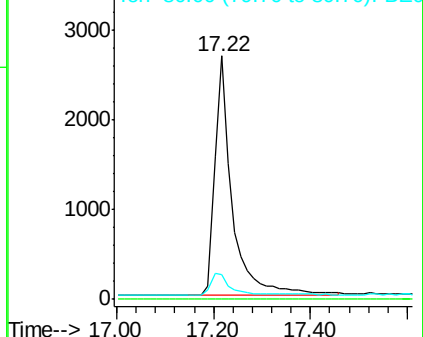
80 10.1 6.3 9.5#



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: 0.271 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098883.D

Acq: 12 Mar 2019 5:22

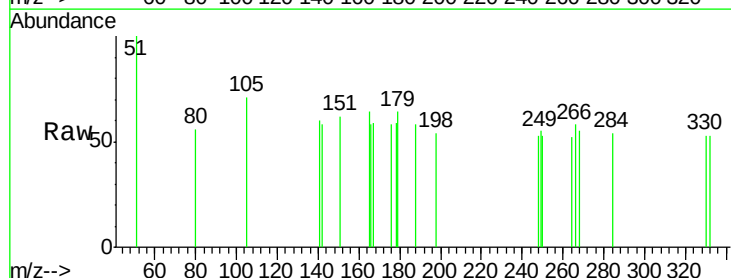
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 89.8 66.6 100.0

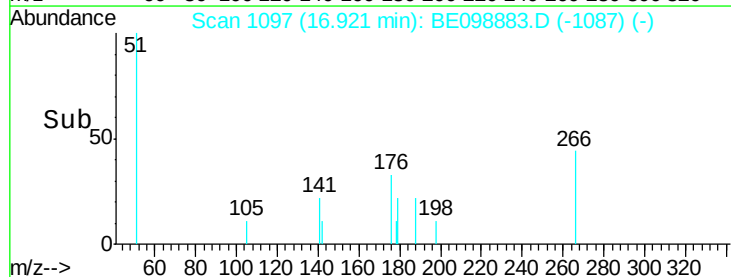
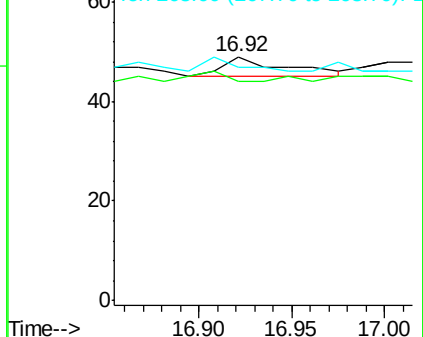
268 95.9 69.8 104.8

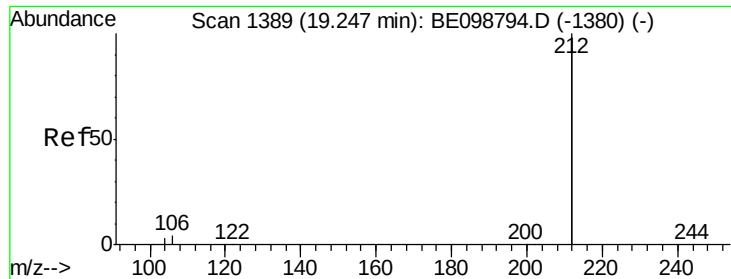


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.341 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098883.D

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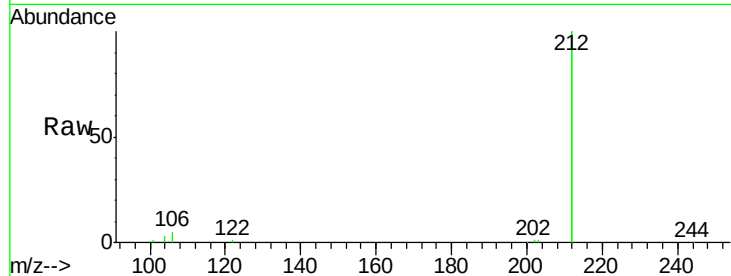
Tgt Ion:212 Resp: 35797

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

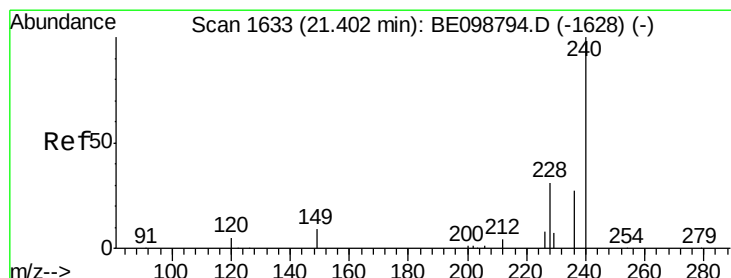
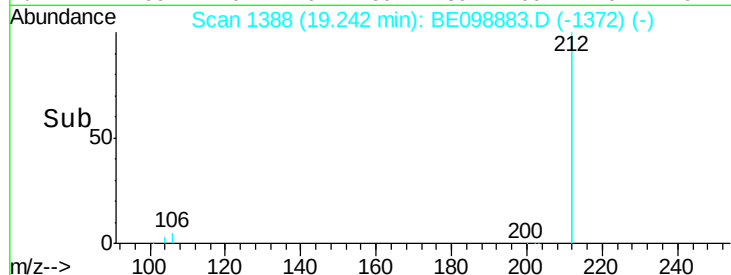
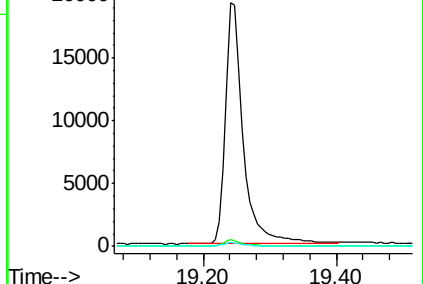
104 1.2 1.0 1.6



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: BE098883.D

Acq: 12 Mar 2019 5:22

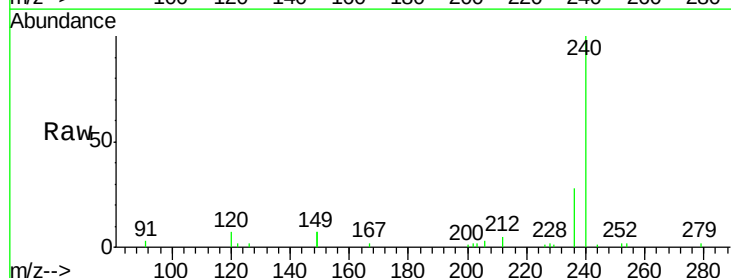
Tgt Ion:240 Resp: 7830

Ion Ratio Lower Upper

240 100

120 6.7 5.0 7.4

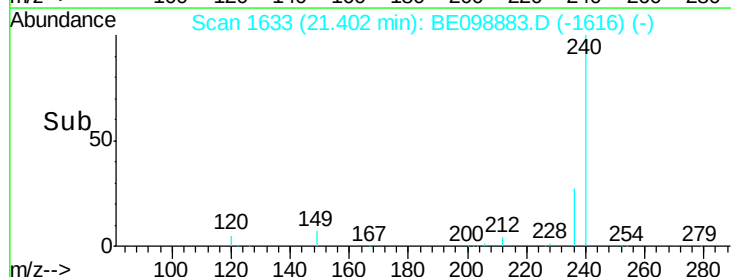
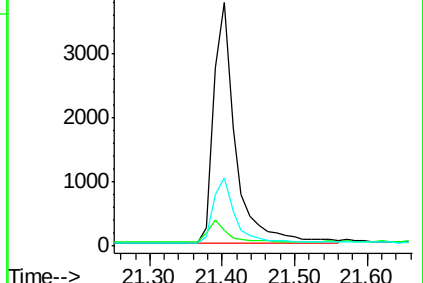
236 27.9 22.7 34.1

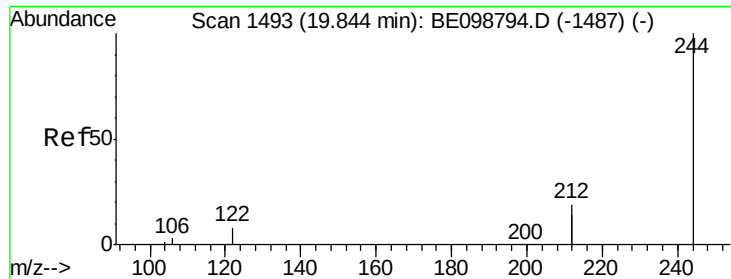


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.475 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098883.D

Acq: 12 Mar 2019 5:22

Instrument :

BNA_E

ClientSampleId :

RE125D3-20190308

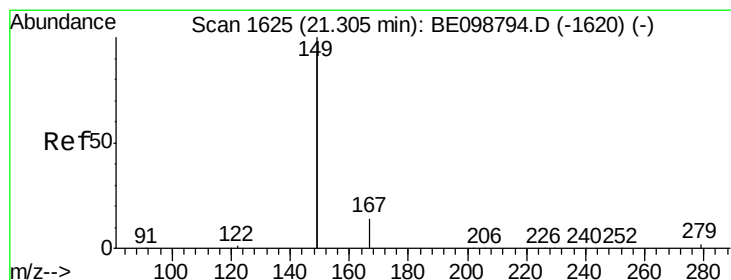
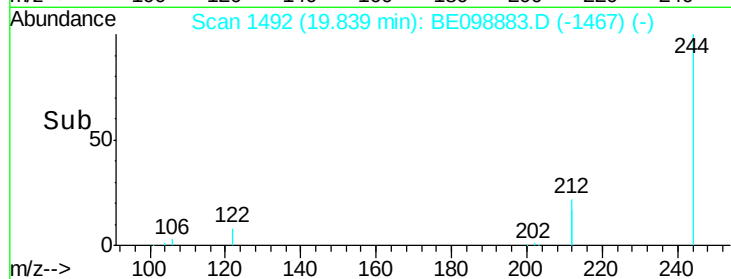
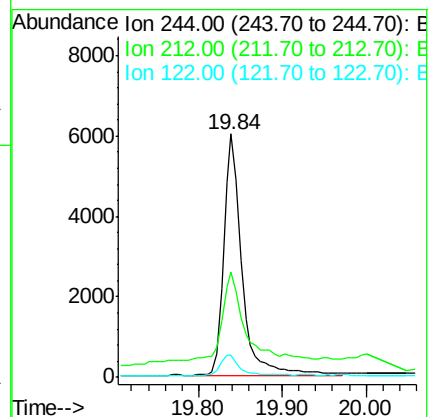
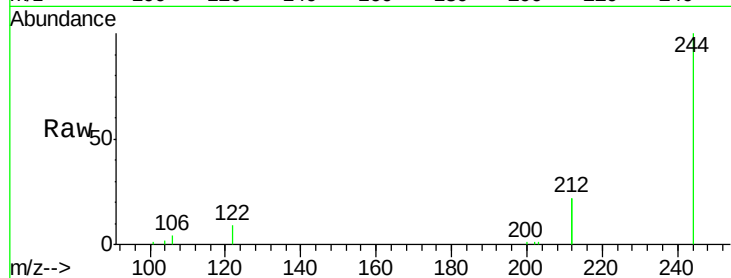
Tgt Ion:244 Resp: 9035

Ion Ratio Lower Upper

244 100

212 43.1 29.4 44.2

122 9.1 7.1 10.7



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.027 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098883.D

Acq: 12 Mar 2019 5:22

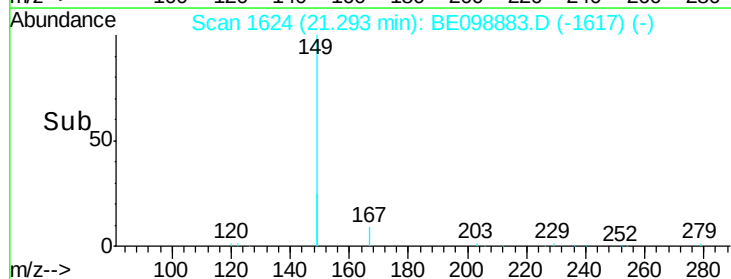
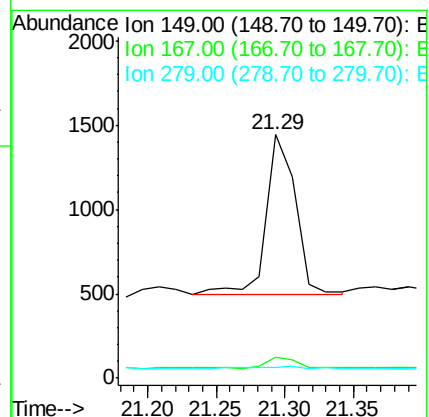
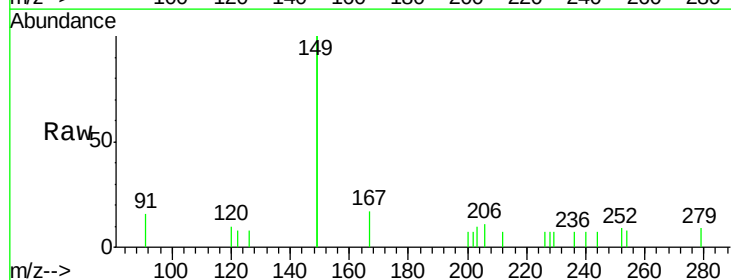
Tgt Ion:149 Resp: 1424

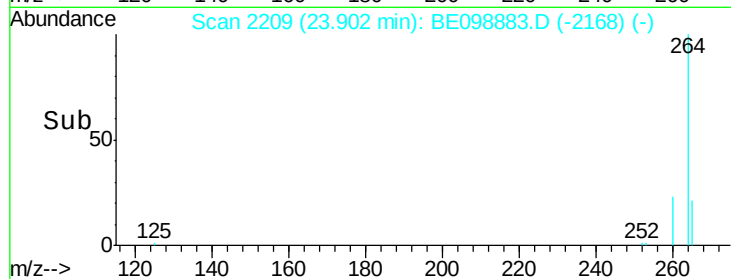
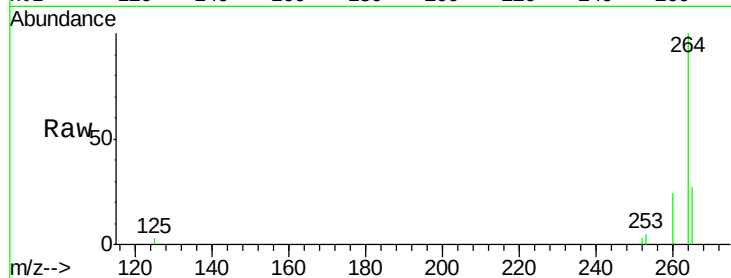
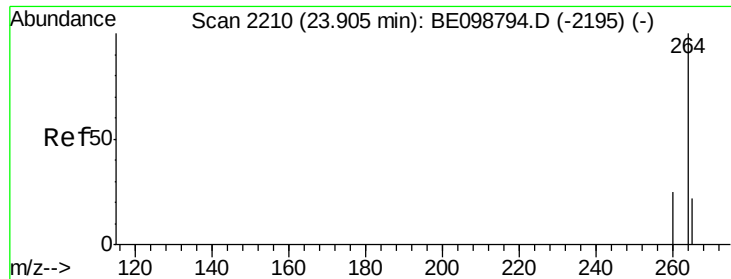
Ion Ratio Lower Upper

149 100

167 6.1 5.4 8.0

279 3.7 1.0 1.4#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE098883.D

Acq: 12 Mar 2019 5:22

Instrument :

BNA_E

ClientSampleId :

RE125D3-20190308

Tgt Ion:264 Resp: 7485

Ion Ratio Lower Upper

264 100

260 24.1 21.2 31.8

265 27.4 24.6 36.8

