

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098930.D
 Acq On : 14 Mar 2019 3:45
 Operator : JU/SJ
 Sample : K1860-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D2-20190311

Quant Time: Mar 14 07:37:40 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

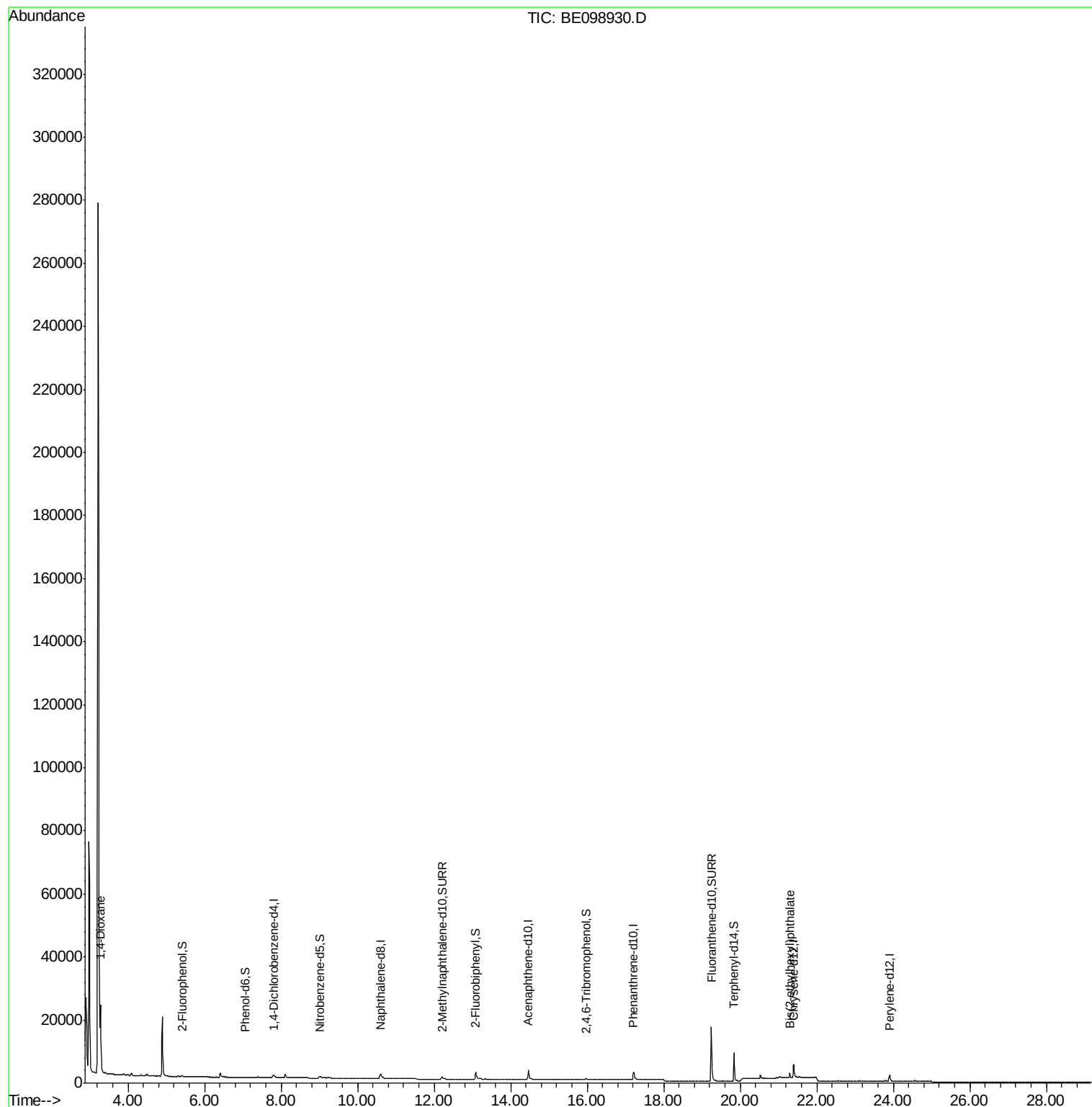
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	665	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3073	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2215	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5341	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6550	0.40	ng	0.00
34) Perylene-d12	23.90	264	3616	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	247	0.12	ng	0.03
5) Phenol-d6	7.06	99	180	0.06	ng	0.07
8) Nitrobenzene-d5	9.02	82	912	0.28	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	1987	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	485	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4069	0.44	ng	0.00
25) Fluoranthene-d10	19.24	212	29021	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	9460	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	10576	10.226	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	1643	0.038	ng	# 95

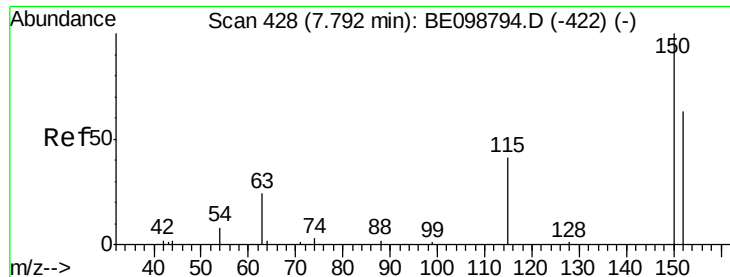
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311

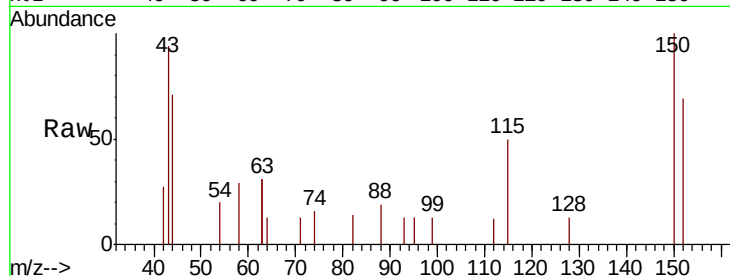
Tot Ion:152 Resp: 665

Ion Ratio Lower Upper

152 100

150 145.9 122.5 183.7

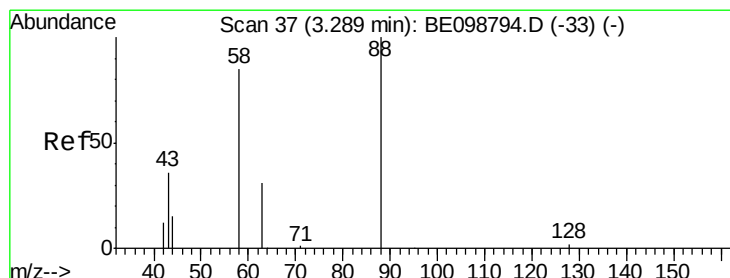
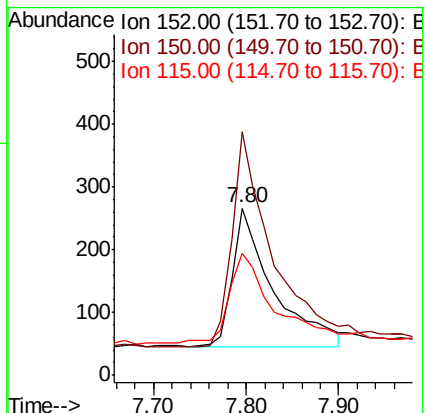
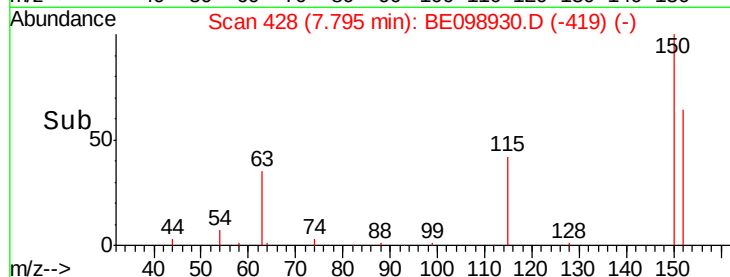
115 73.3 57.4 86.2



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: 10.226 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

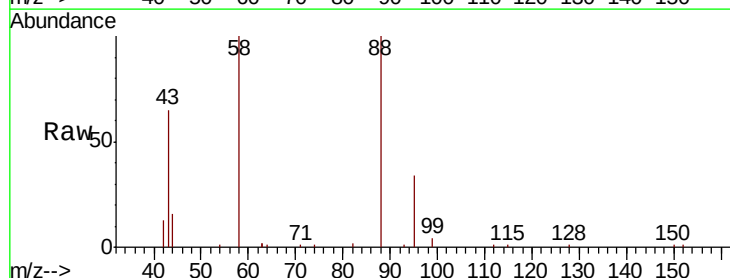
Tgt Ion: 88 Resp: 10576

Ion Ratio Lower Upper

88 100

58 95.2 75.8 113.6

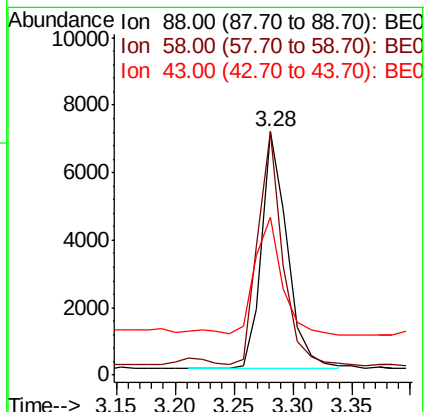
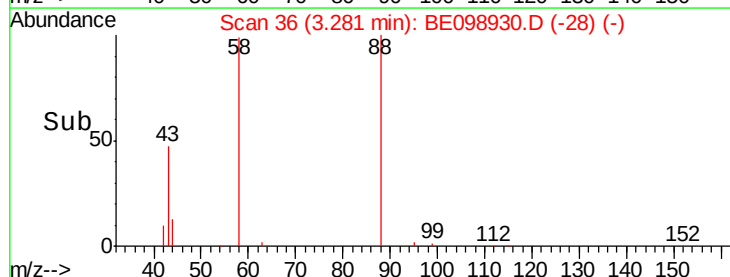
43 52.1 41.8 62.8

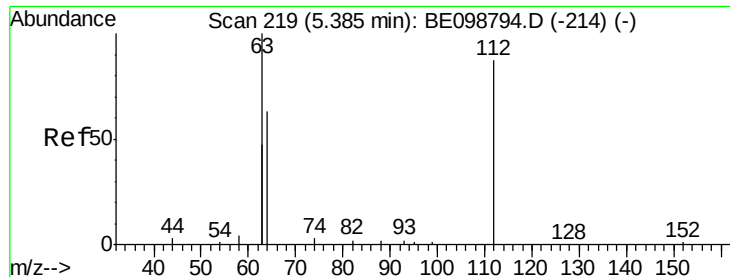


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.124 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311

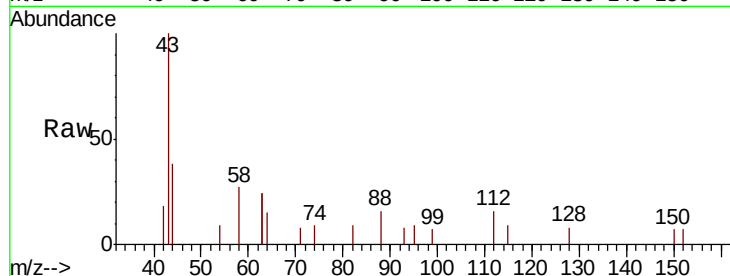
Tot Ion:112 Resp: 247

Ion Ratio Lower Upper

112 100

64 90.3 57.9 86.9#

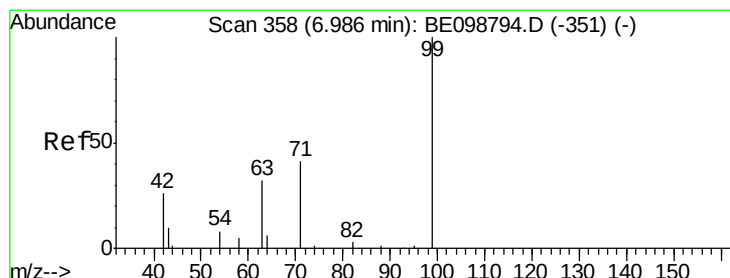
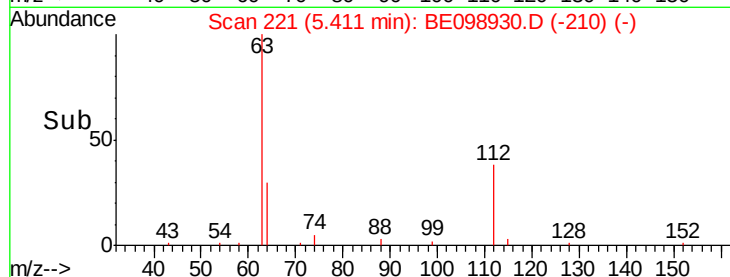
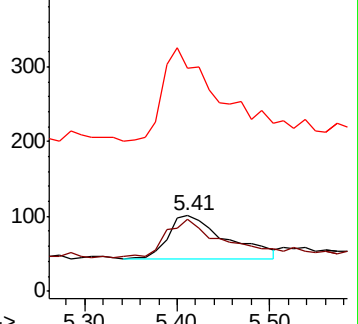
63 247.8 158.3 237.5#



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: 0.064 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

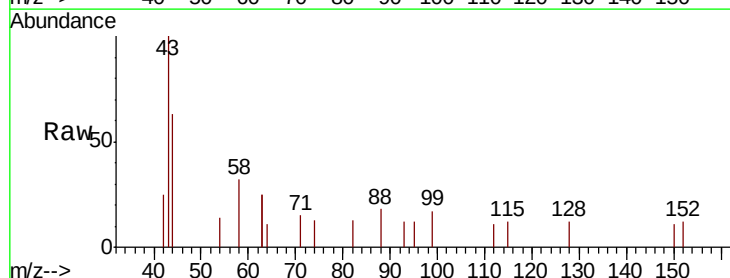
Tgt Ion: 99 Resp: 180

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

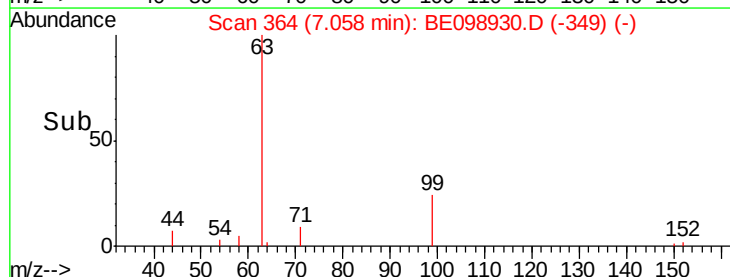
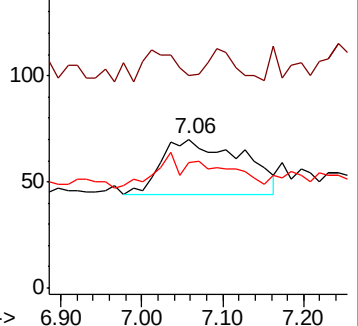
71 0.0 35.7 53.5#

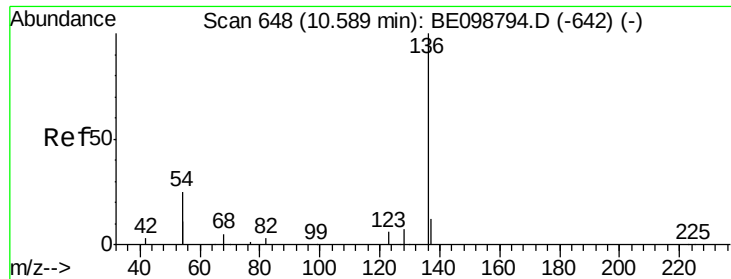


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311

Tot Ion:136 Resp: 3073

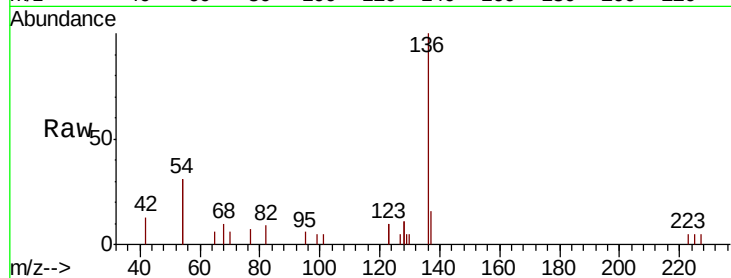
Ion Ratio Lower Upper

136 100

137 15.9 11.4 17.0

54 61.1 39.3 58.9#

68 10.4 6.7 10.1#

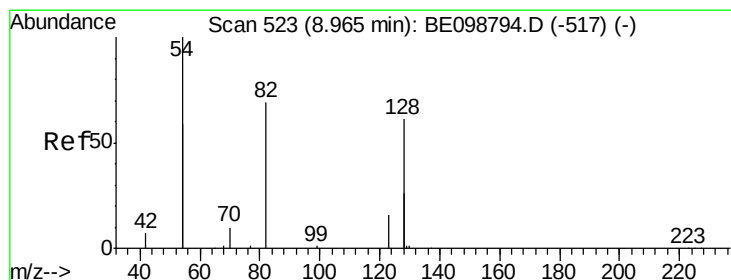
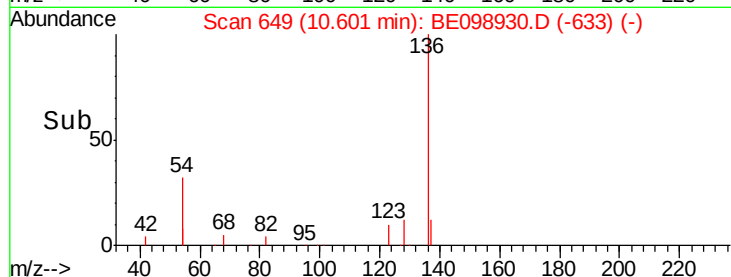
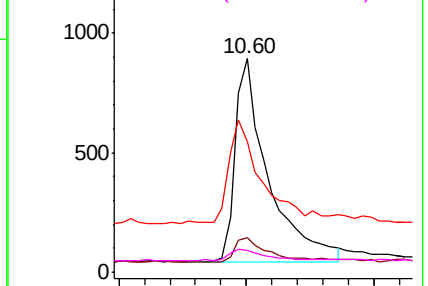


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.283 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

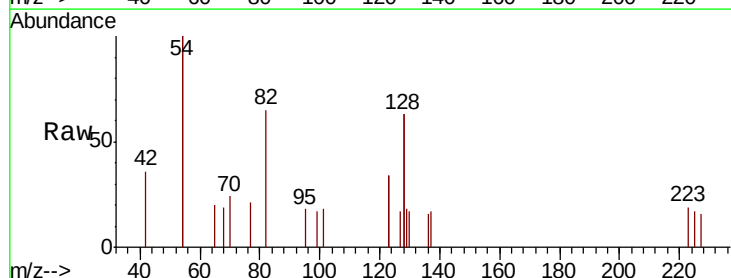
Tgt Ion: 82 Resp: 912

Ion Ratio Lower Upper

82 100

128 195.4 123.8 185.8#

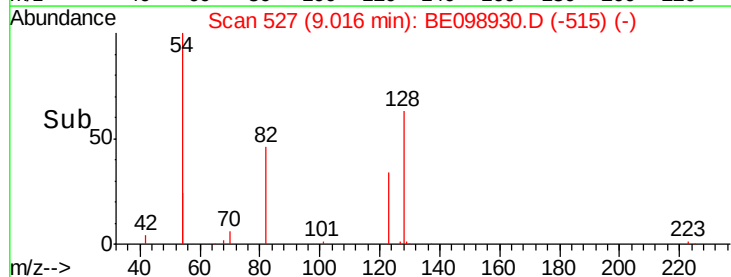
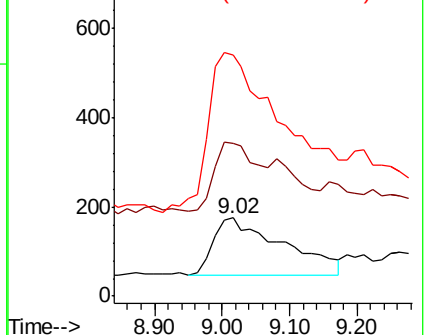
54 308.6 203.4 305.2#

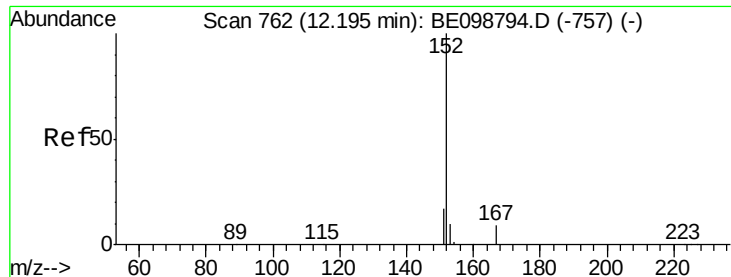


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

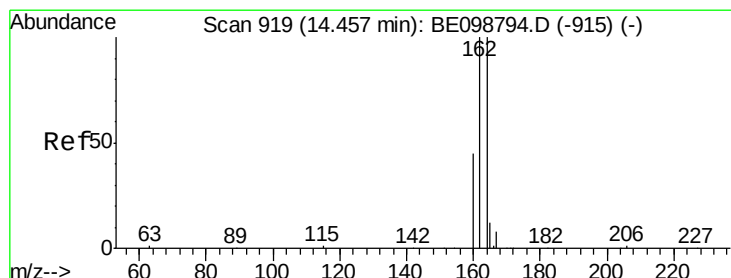
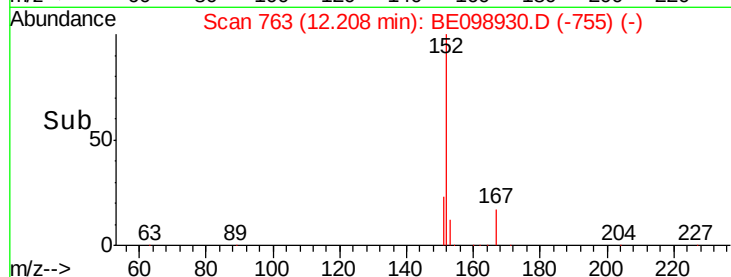
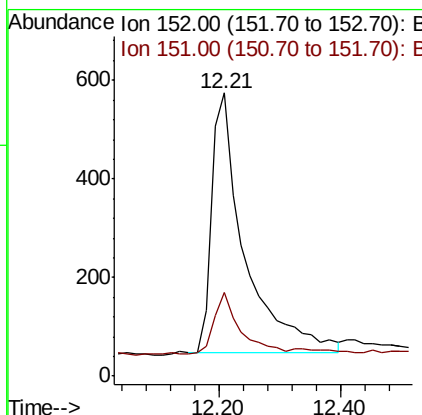
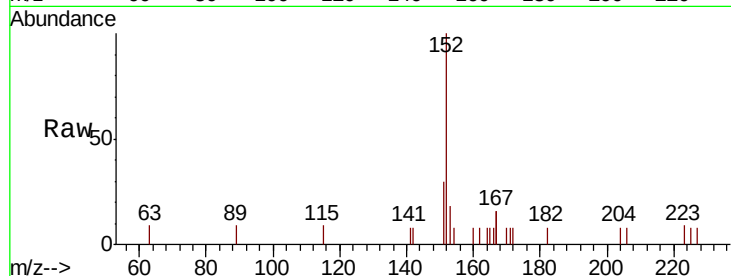




#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098930.D
Acq: 14 Mar 2019 3:45

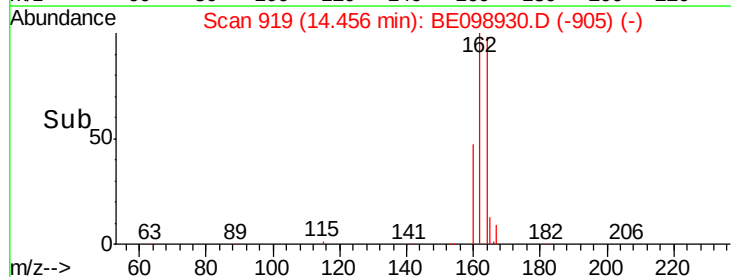
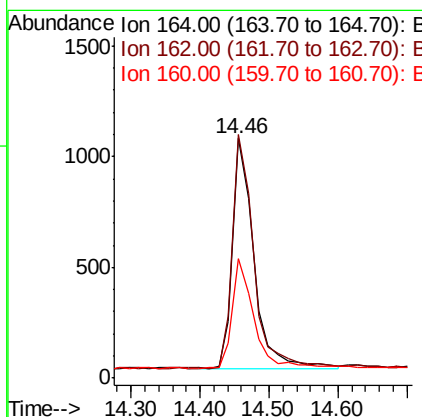
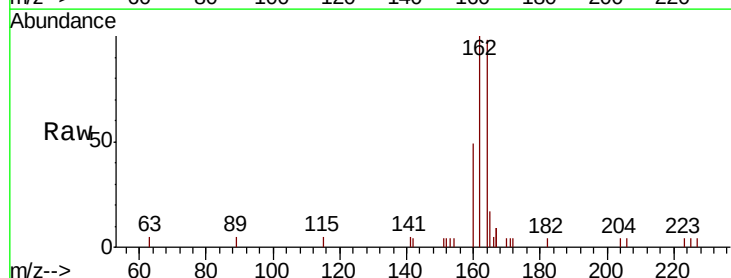
Instrument :
BNA_E
ClientSampleId :
RE120D2-20190311

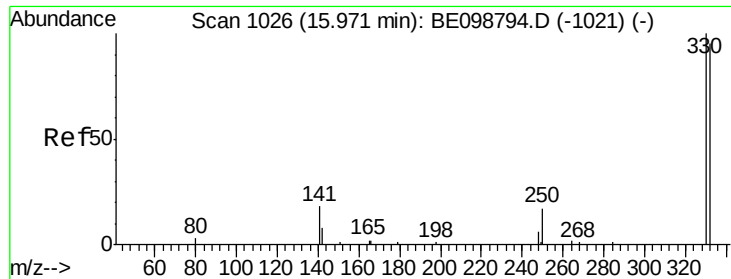
Tot Ion:152 Resp: 1987
Ion Ratio Lower Upper
152 100
151 18.0 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098930.D
Acq: 14 Mar 2019 3:45

Tgt Ion:164 Resp: 2215
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 49.7 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.434 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311

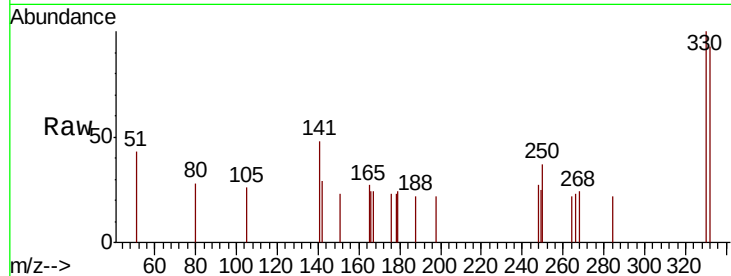
Tot Ion:330 Resp: 485

Ion Ratio Lower Upper

330 100

332 91.8 77.6 116.4

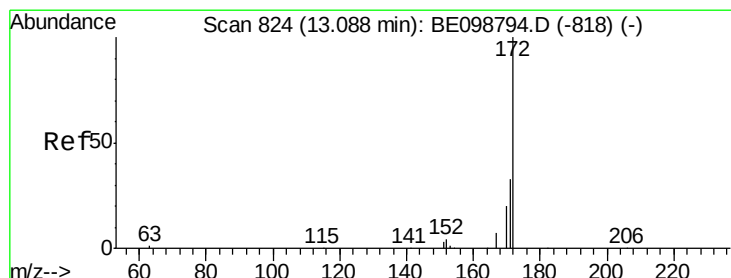
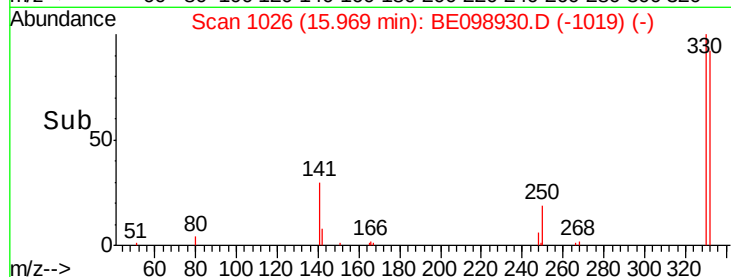
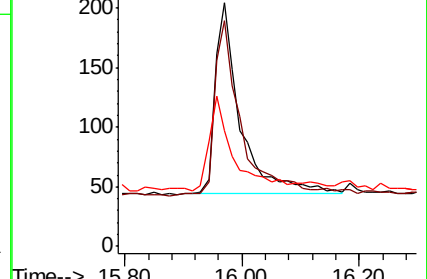
141 47.6 31.0 46.4#



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: 0.444 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

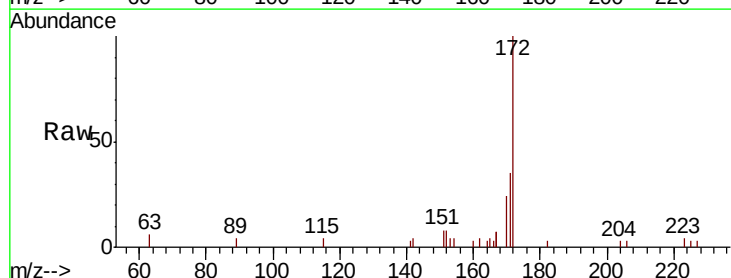
Tgt Ion:172 Resp: 4069

Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

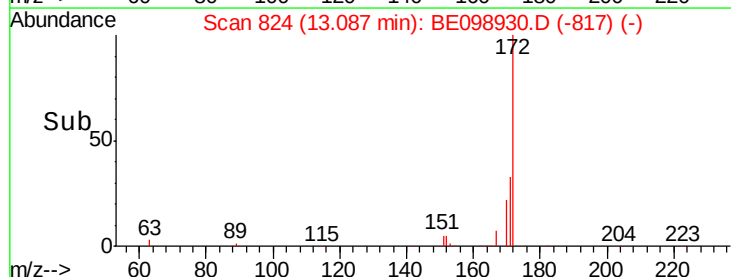
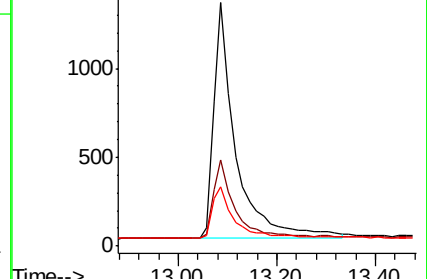
170 24.1 17.7 26.5

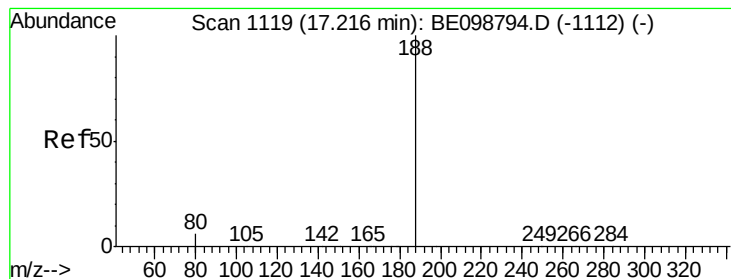


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311

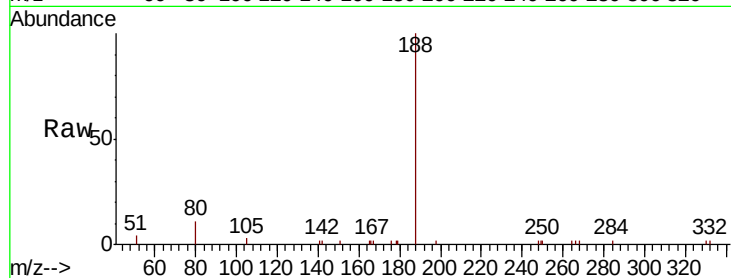
Tot Ion:188 Resp: 5341

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

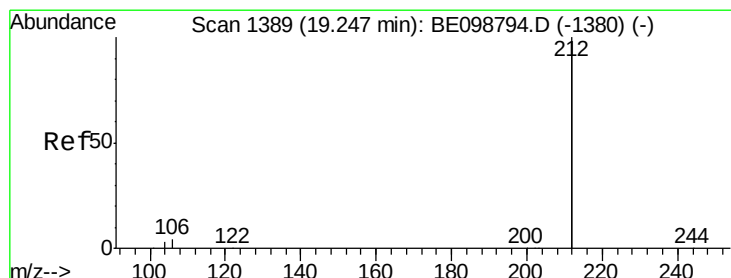
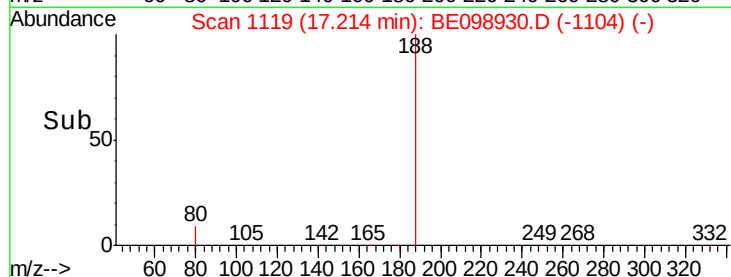
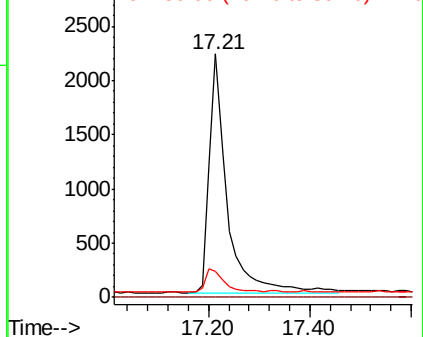
80 10.9 6.3 9.5#



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



#25

Fluoranthene-d10

Concen: 0.340 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

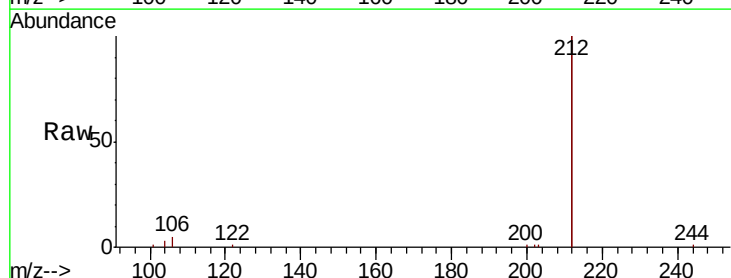
Tgt Ion:212 Resp: 29021

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

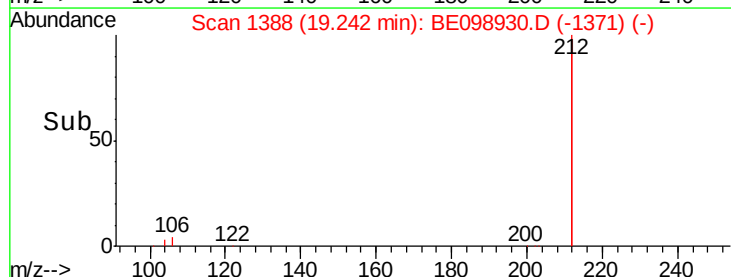
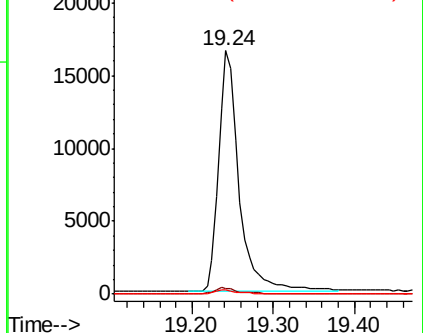
104 1.4 1.0 1.6

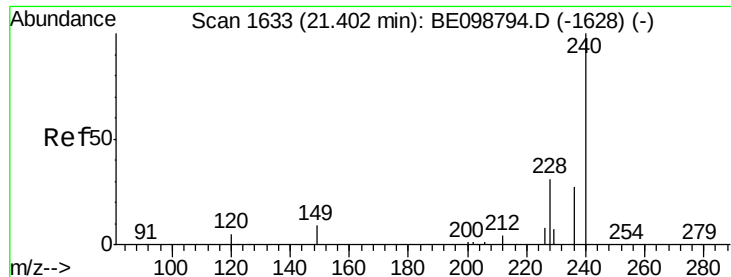


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1633

Delta R.T. 0.00 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311

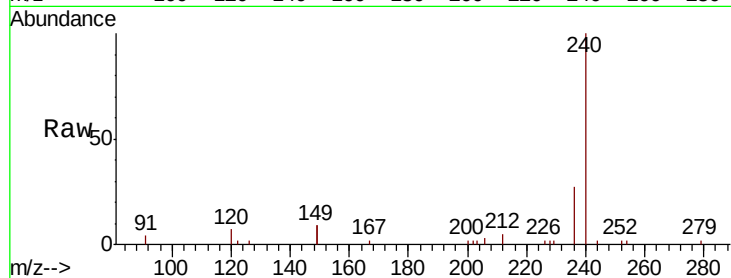
Tot Ion:240 Resp: 6550

Ion Ratio Lower Upper

240 100

120 6.8 5.0 7.4

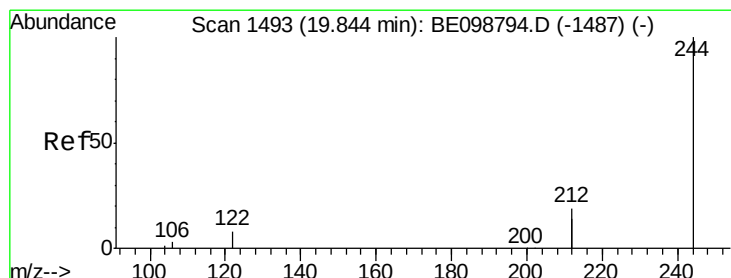
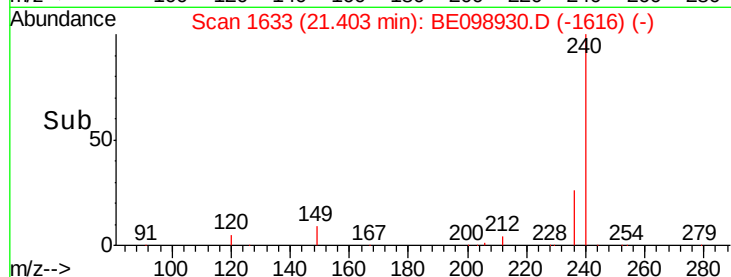
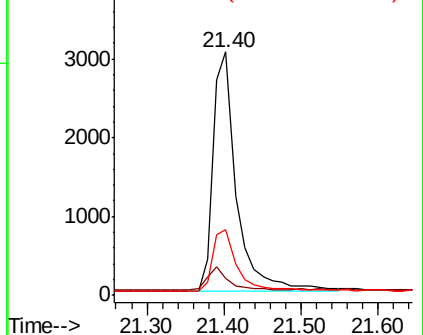
236 26.9 22.7 34.1



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: 0.594 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

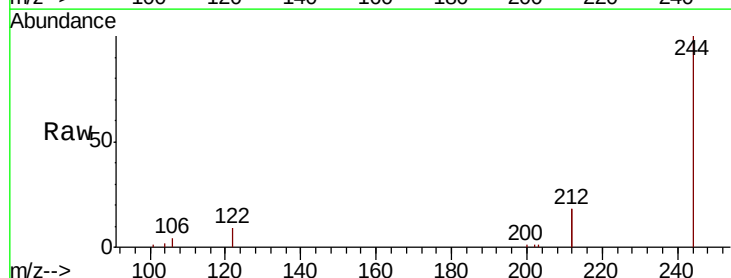
Tgt Ion:244 Resp: 9460

Ion Ratio Lower Upper

244 100

212 35.7 29.4 44.2

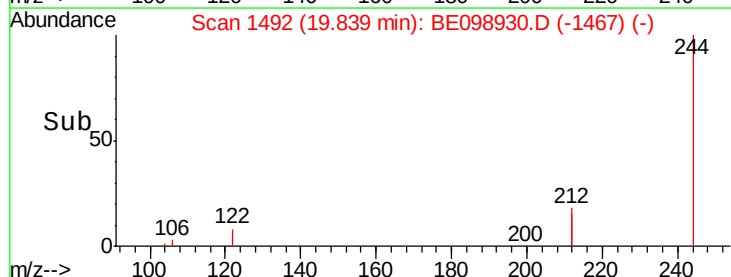
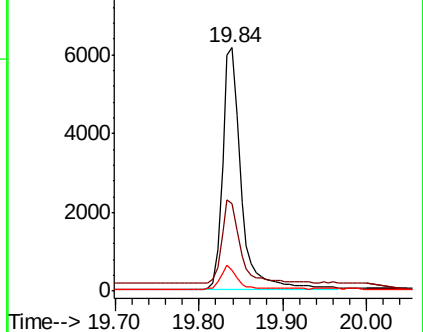
122 8.7 7.1 10.7

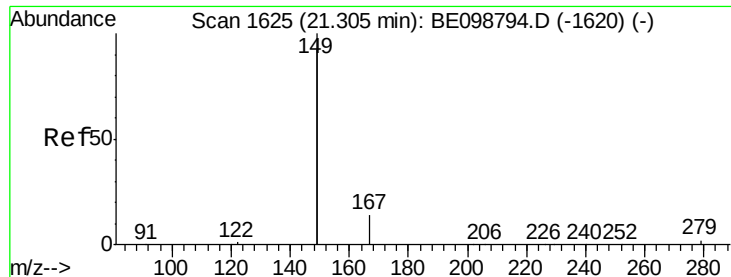


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.038 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311

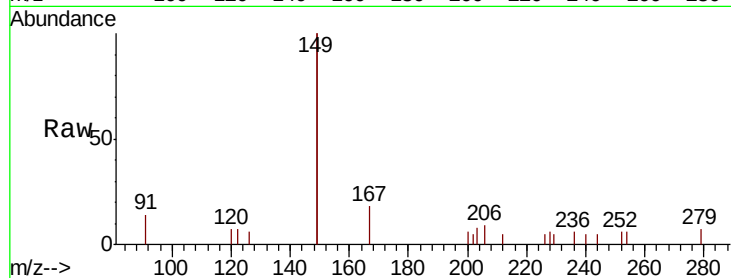
Tot Ion:149 Resp: 1643

Ion Ratio Lower Upper

149 100

167 8.8 5.4 8.0#

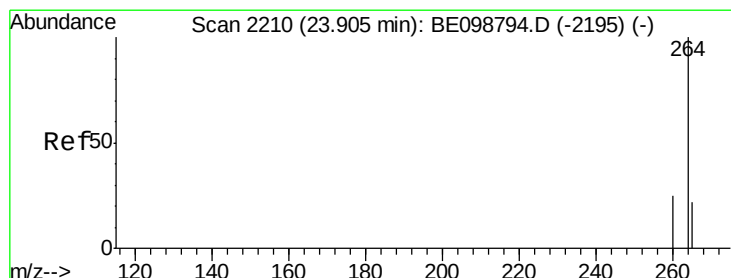
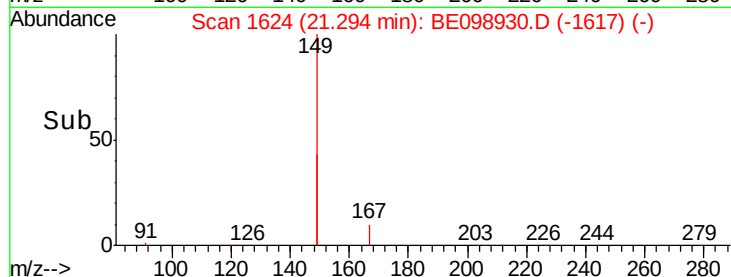
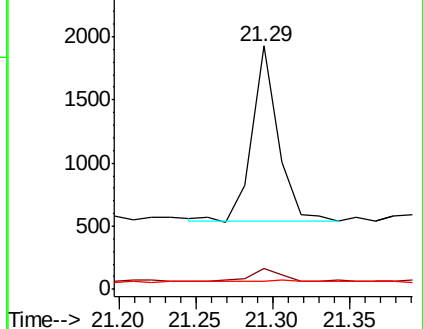
279 1.5 1.0 1.4#



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# 2208

Delta R.T. -0.01 min

Lab File: BE098930.D

Acq: 14 Mar 2019 3:45

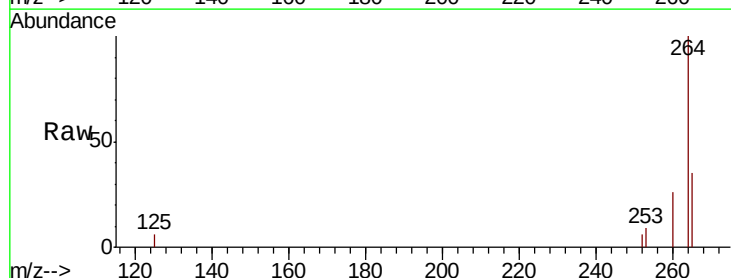
Tgt Ion:264 Resp: 3616

Ion Ratio Lower Upper

264 100

260 26.0 21.2 31.8

265 34.6 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

