

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098931.D
 Acq On : 14 Mar 2019 4:21
 Operator : JU/SJ
 Sample : K1860-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D3-20190311

Quant Time: Mar 14 06:58:00 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

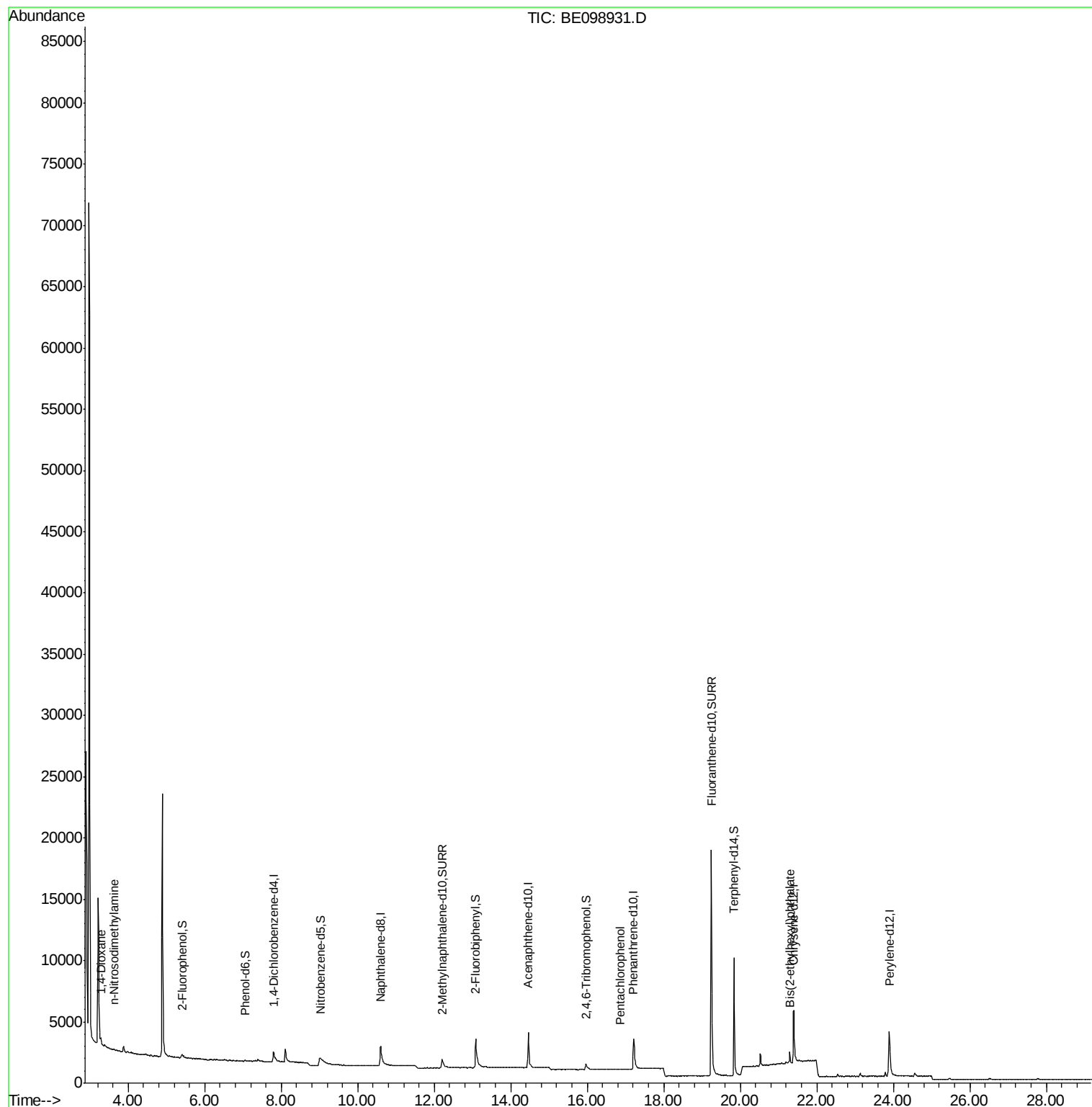
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	758	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3410	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2448	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5964	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7178	0.40	ng	0.00
34) Perylene-d12	23.90	264	6868	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	299	0.13	ng	0.02
5) Phenol-d6	7.06	99	125	0.04	ng	0.07
8) Nitrobenzene-d5	9.03	82	1058	0.30	ng	0.07
11) 2-Methylnaphthalene-d10	12.21	152	2288	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	526	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4721	0.47	ng	0.00
25) Fluoranthene-d10	19.24	212	31937	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	9956	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	291	0.145	ng	# 36
3) n-Nitrosodimethylamine	3.62	42	43	0.023	ng	# 42
22) Pentachlorophenol	16.87	266	12	0.274	ng	95
32) Bis(2-ethylhexyl)phthalate	21.29	149	1010	0.021	ng	# 90

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

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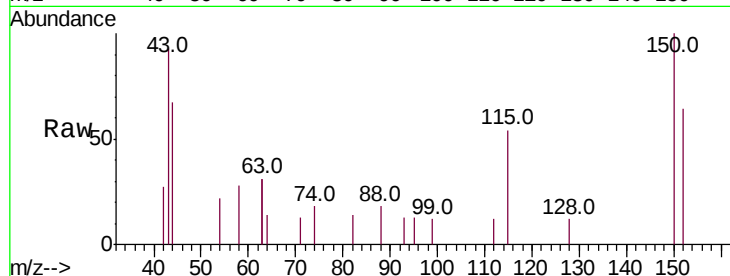


#1

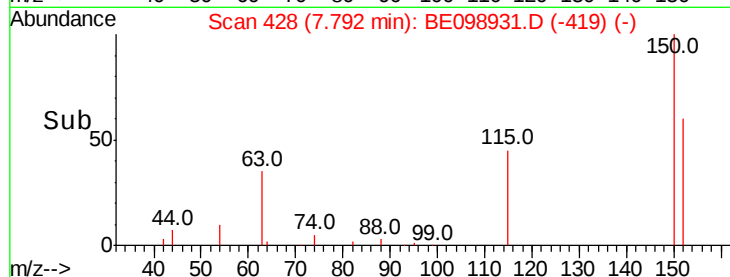
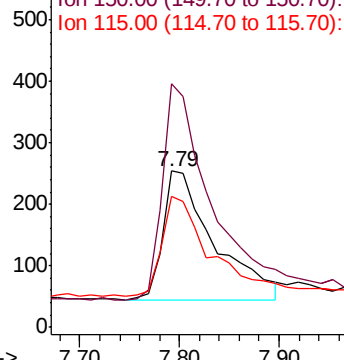
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BE098931.D
 Acq: 14 Mar 2019 4:21

Instrument :
 BNA_E
 ClientSampleId :
 RE120D3-20190311

Tot Ion:152 Resp: 758
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.5 183.7
 115 83.5 57.4 86.2



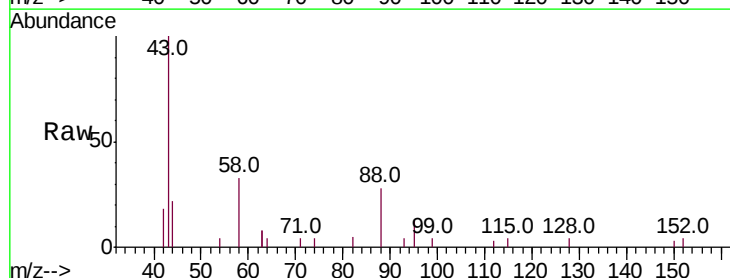
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



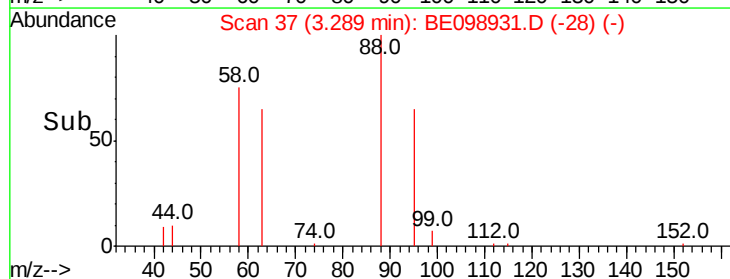
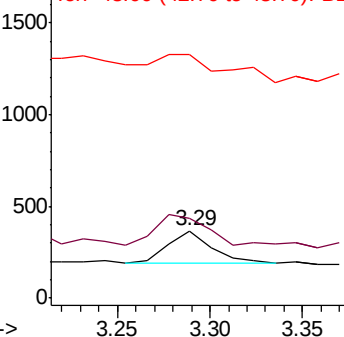
#2

1,4-Dioxane
 Concen: 0.145 ng
 RT: 3.29 min Scan# 37
 Delta R.T. 0.00 min
 Lab File: BE098931.D
 Acq: 14 Mar 2019 4:21

Tgt Ion: 88 Resp: 291
 Ion Ratio Lower Upper
 88 100
 58 115.1 75.8 113.6#
 43 151.5 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





#3

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

Instrument :

BNA_E

ClientSampleId :

RE120D3-20190311

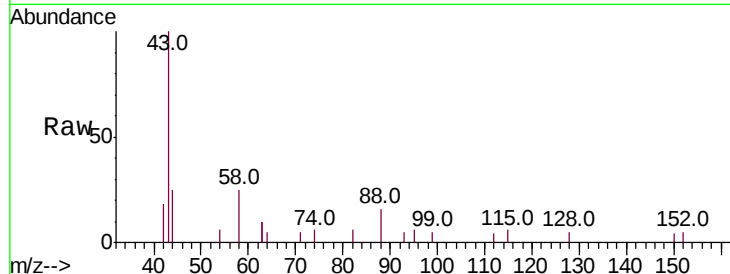
Tot Ion: 42 Resp: 43

Ion Ratio Lower Upper

42 100

74 23.3 57.0 85.4#

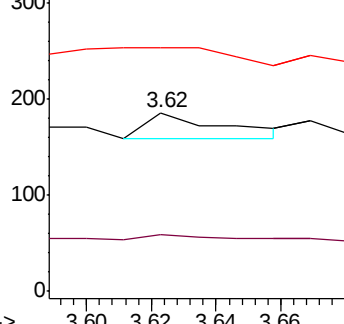
44 172.1 0.0 0.0#



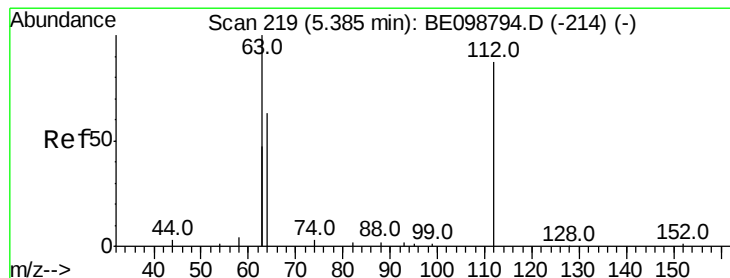
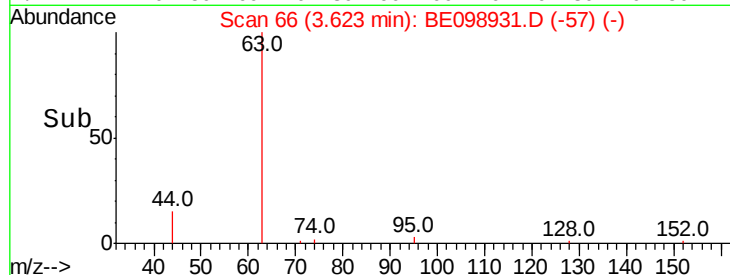
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.132 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

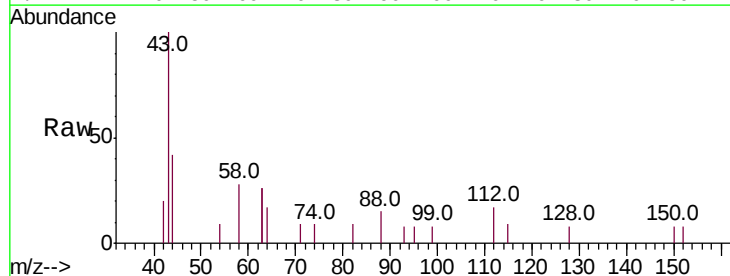
Tgt Ion: 112 Resp: 299

Ion Ratio Lower Upper

112 100

64 102.7 57.9 86.9#

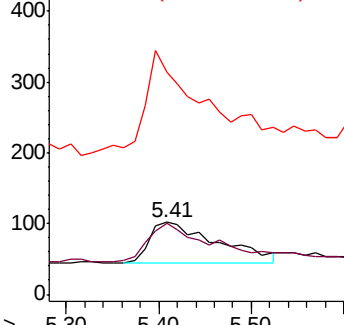
63 246.8 158.3 237.5#



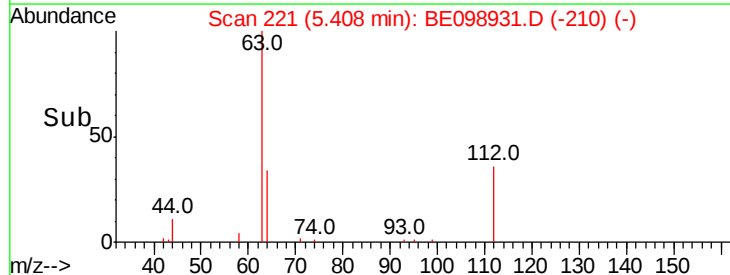
Abundance Ion 112.00 (111.70 to 112.70): E

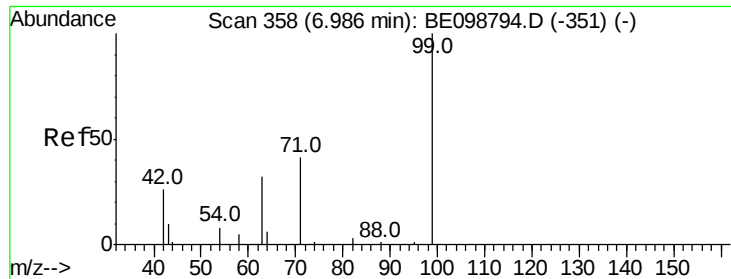
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.039 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

Instrument :

BNA_E

ClientSampleId :

RE120D3-20190311

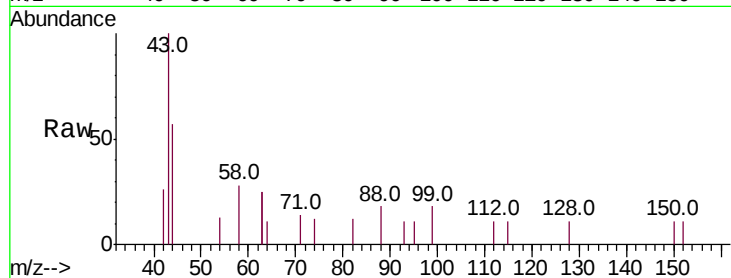
Tot Ion: 99 Resp: 125

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

150

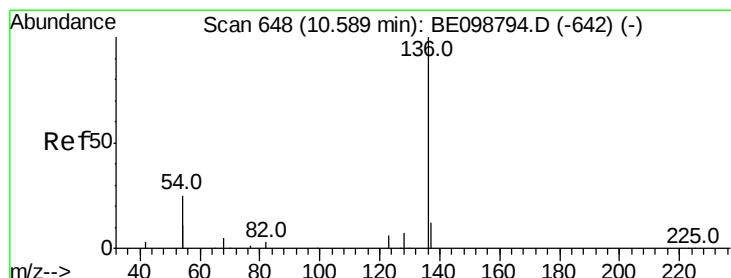
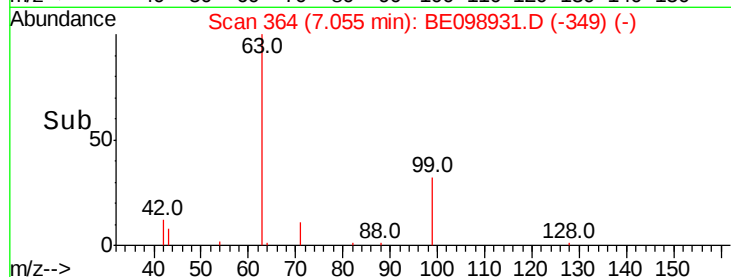
100

7.06

50

0

Time--> 6.90 7.00 7.10



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

Tgt Ion: 136 Resp: 3410

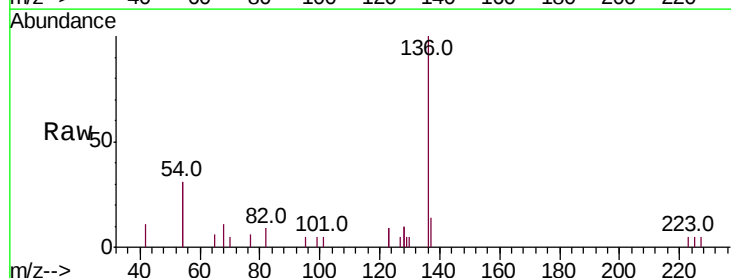
Ion Ratio Lower Upper

136 100

137 14.4 11.4 17.0

54 62.2 39.3 58.9#

68 10.6 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

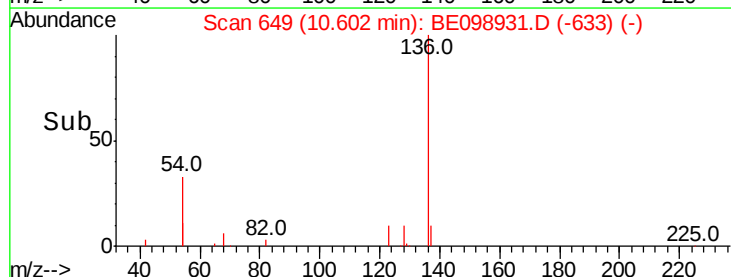
1500

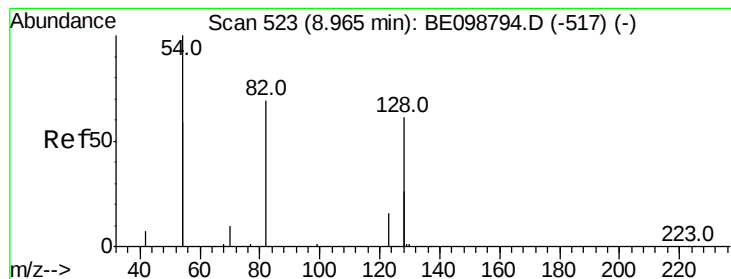
1000

500

0

Time--> 10.50 10.60 10.70





#8

Nitrobenzene-d5

Concen: 0.296 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.07 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

Instrument :

BNA_E

ClientSampleId :

RE120D3-20190311

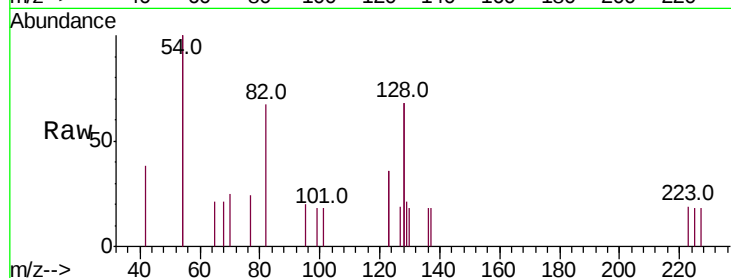
Tot Ion: 82 Resp: 1058

Ion Ratio Lower Upper

82 100

128 203.6 123.8 185.8#

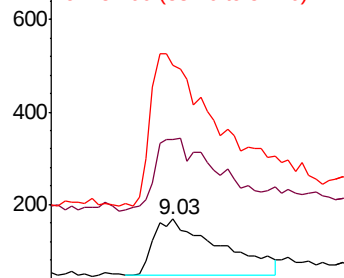
54 297.6 203.4 305.2



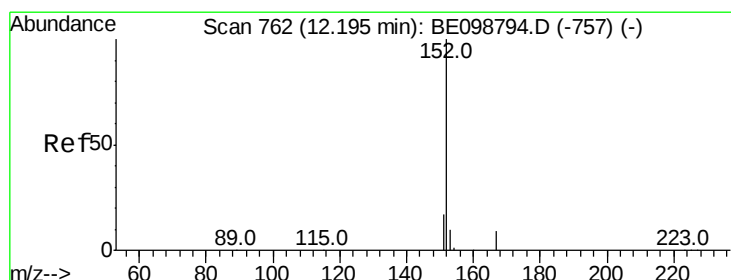
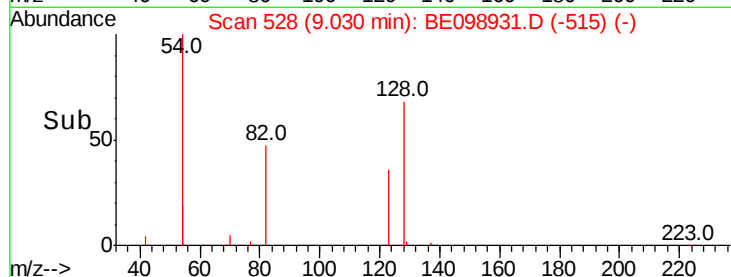
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.80 9.00 9.20



#11

2-Methylnaphthalene-d10

Concen: 0.363 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098931.D

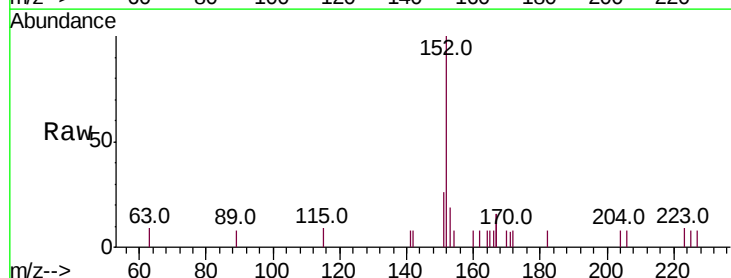
Acq: 14 Mar 2019 4:21

Tgt Ion: 152 Resp: 2288

Ion Ratio Lower Upper

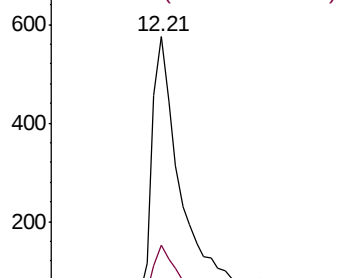
152 100

151 17.3 16.5 24.7

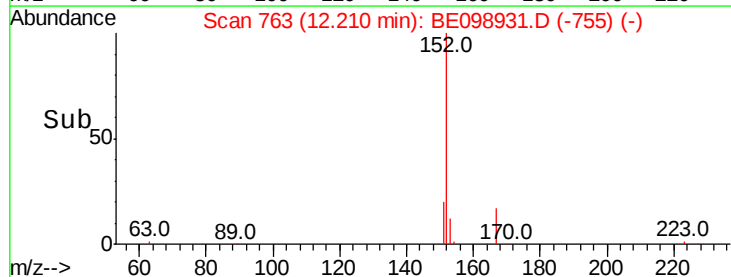


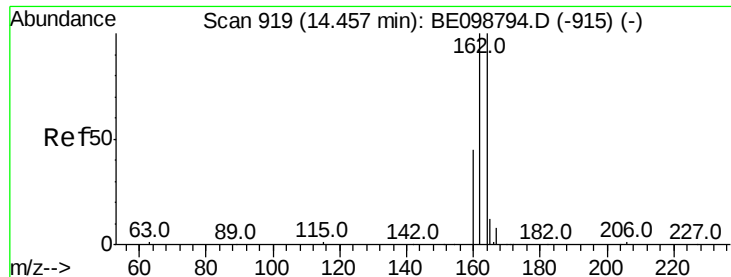
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time--> 12.00 12.20 12.40

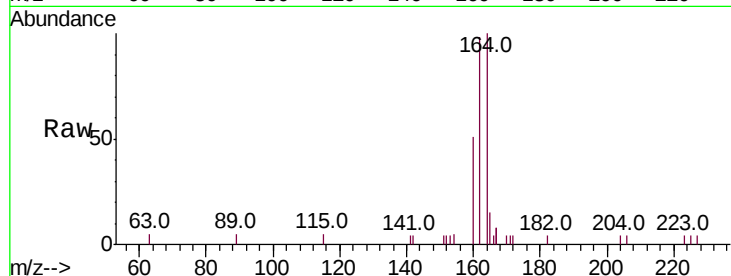




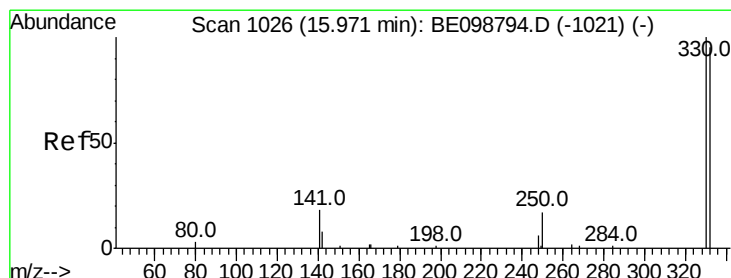
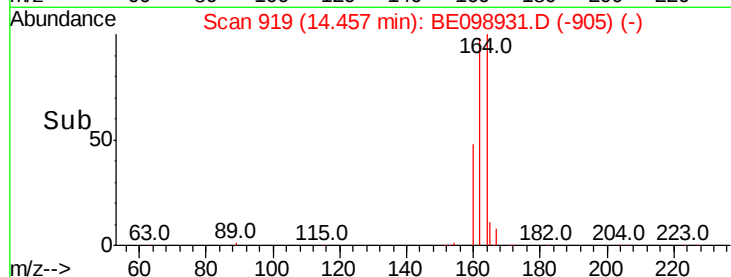
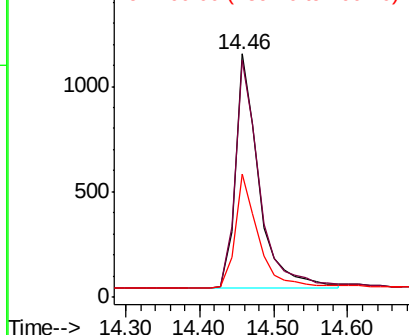
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098931.D
 Acq: 14 Mar 2019 4:21

Instrument :
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 RE120D3-20190311

Tot Ion:164 Resp: 2448
 Ion Ratio Lower Upper
 164 100
 162 97.7 80.2 120.2
 160 50.5 37.8 56.8

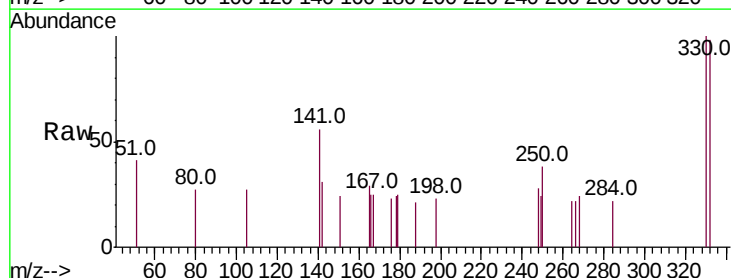


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

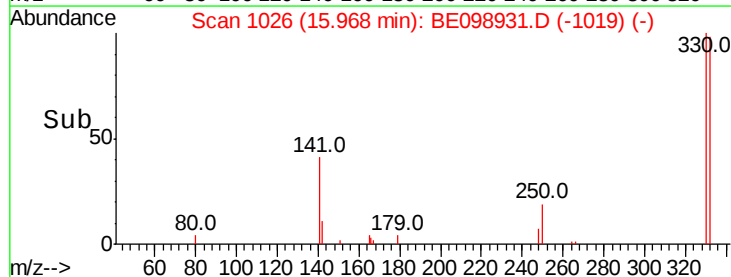
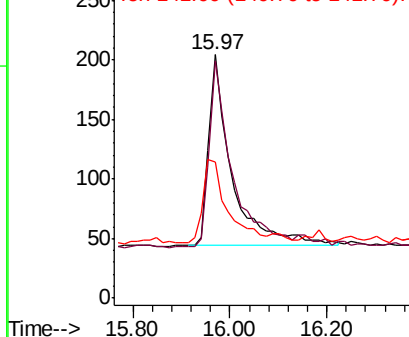


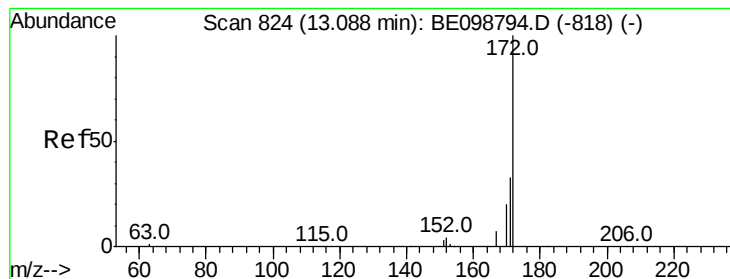
#14
 2,4,6-Tribromophenol
 Concen: 0.426 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098931.D
 Acq: 14 Mar 2019 4:21

Tgt Ion:330 Resp: 526
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.6 116.4
 141 44.3 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: 0.466 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

Instrument :

BNA_E

ClientSampleId :

RE120D3-20190311

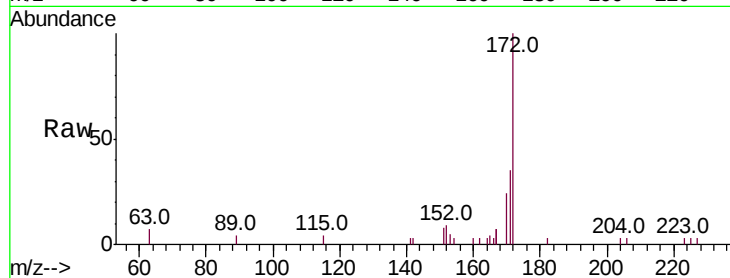
Tot Ion:172 Resp: 4721

Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

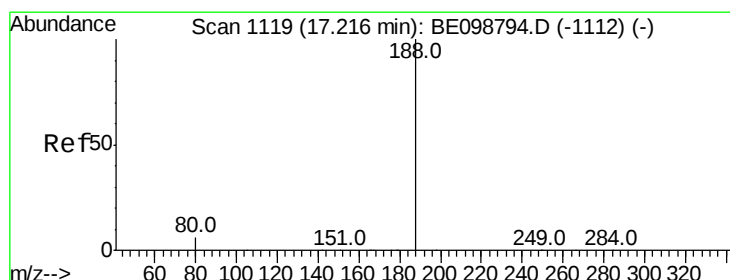
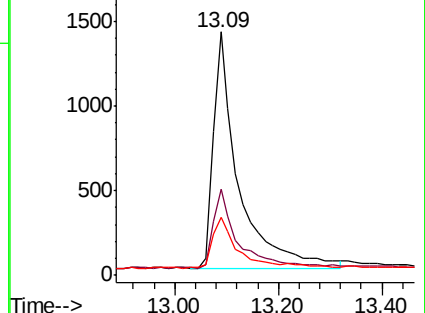
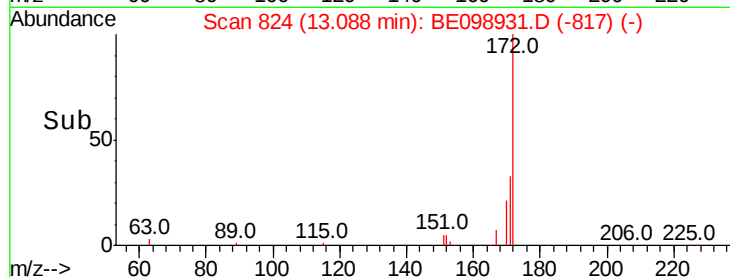
170 23.9 17.7 26.5



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: BE098931.D

Acq: 14 Mar 2019 4:21

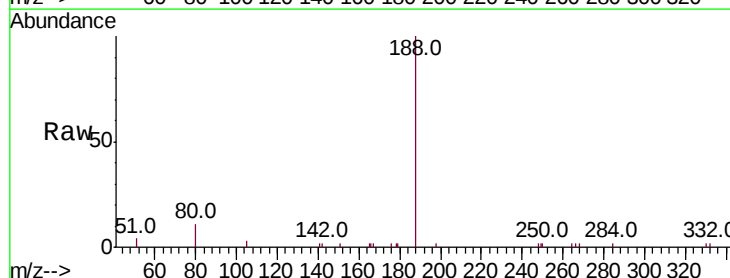
Tgt Ion:188 Resp: 5964

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

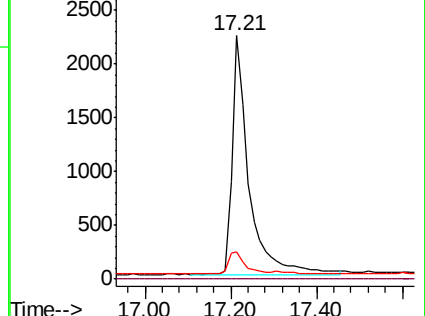
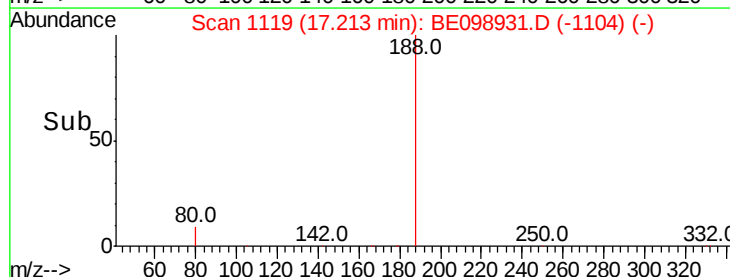
80 10.9 6.3 9.5#

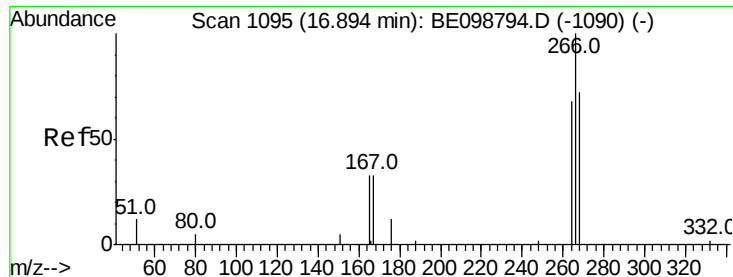


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.274 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE098931.D

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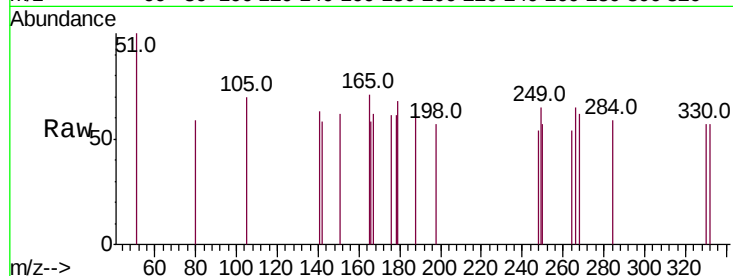
Tot Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 84.3 66.6 100.0

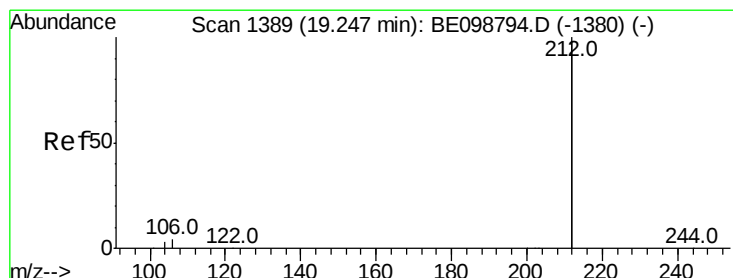
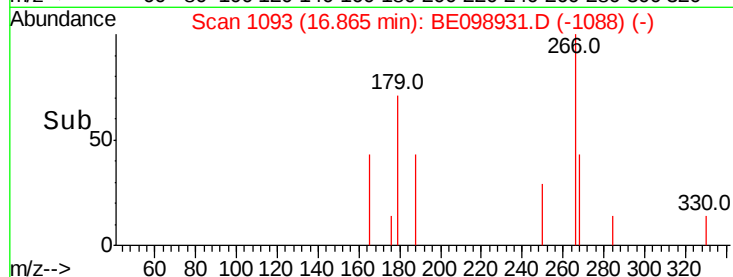
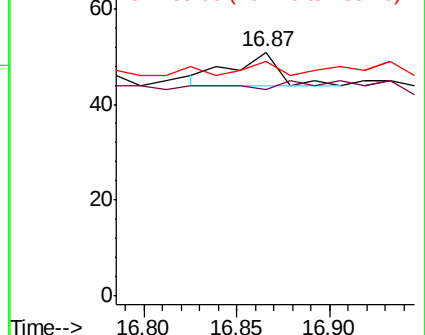
268 96.1 69.8 104.8



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: 0.335 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

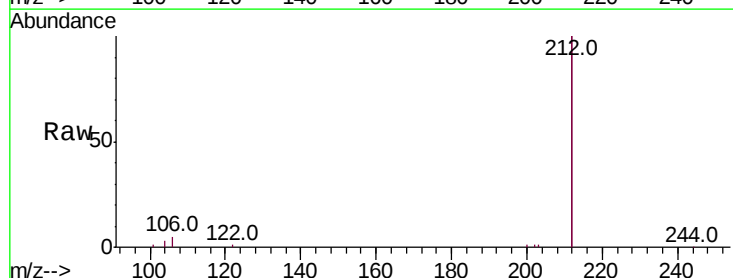
Tgt Ion:212 Resp: 31937

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

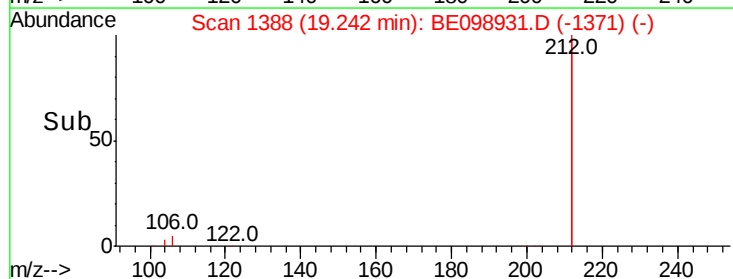
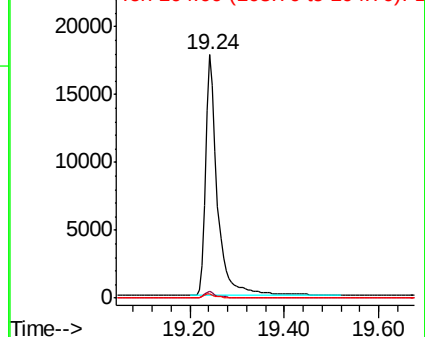
104 1.3 1.0 1.6

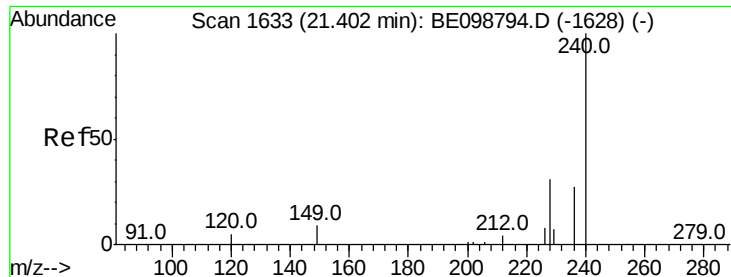


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098931.D

Acq: 14 Mar 2019 4:21

Instrument :

BNA_E

ClientSampleId :

RE120D3-20190311

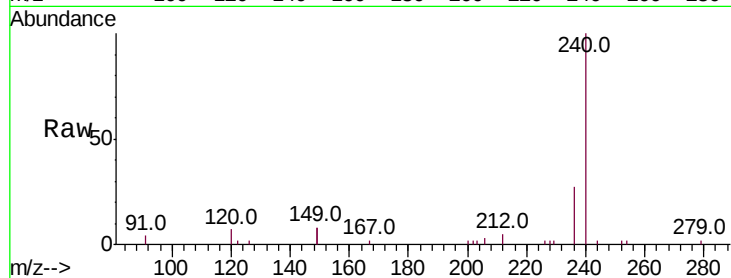
Tot Ion:240 Resp: 7178

Ion Ratio Lower Upper

240 100

120 7.0 5.0 7.4

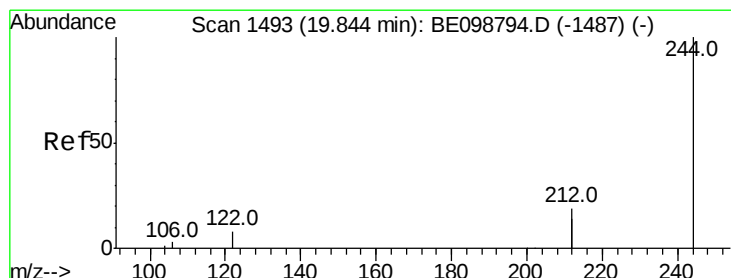
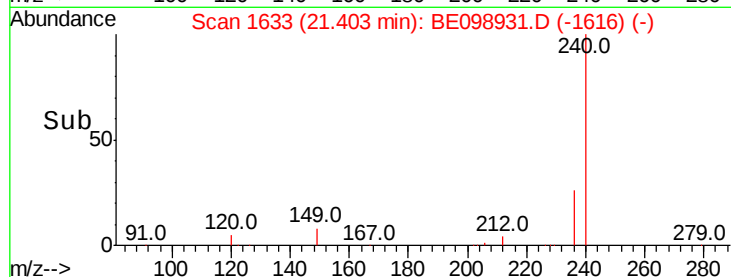
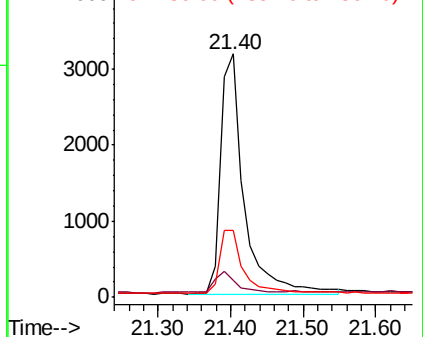
236 27.3 22.7 34.1



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: 0.571 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

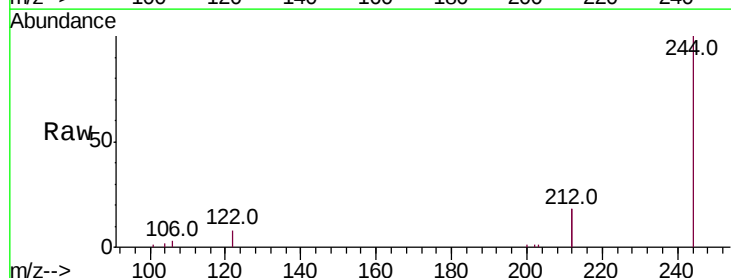
Tgt Ion:244 Resp: 9956

Ion Ratio Lower Upper

244 100

212 36.6 29.4 44.2

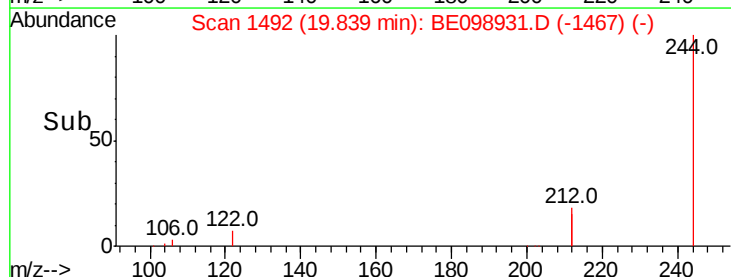
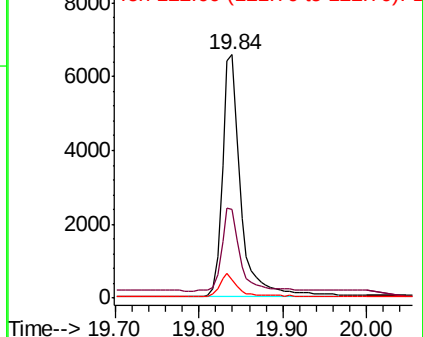
122 7.8 7.1 10.7

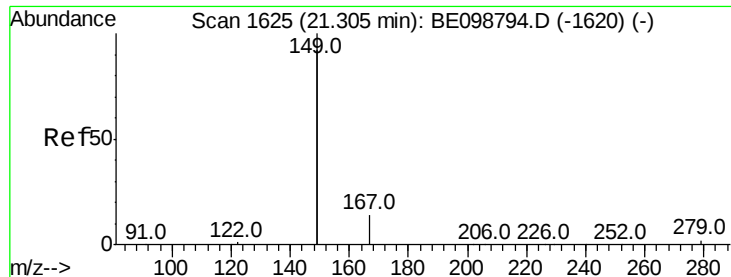


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.021 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

Instrument :

BNA_E

ClientSampleId :

RE120D3-20190311

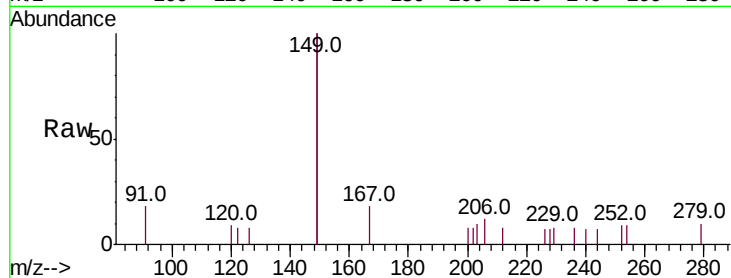
Tot Ion:149 Resp: 1010

Ion Ratio Lower Upper

149 100

167 10.2 5.4 8.0#

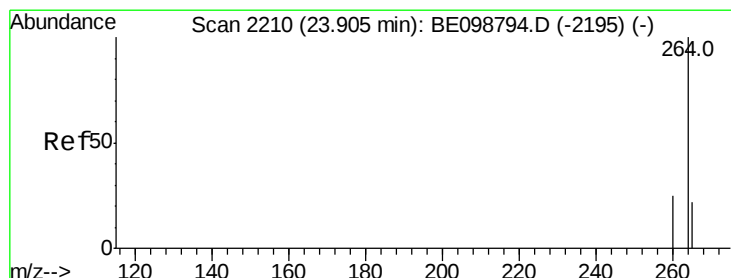
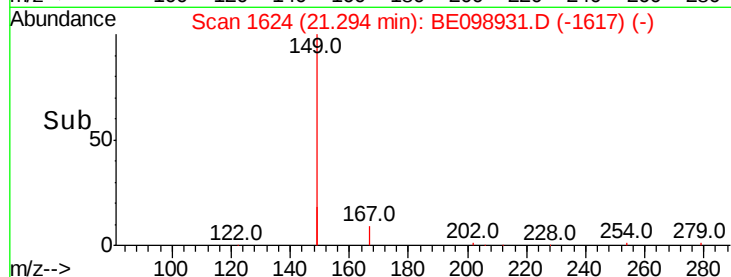
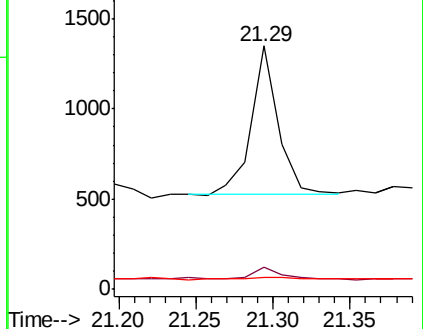
279 5.9 1.0 1.4#



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# 2207

Delta R.T. -0.01 min

Lab File: BE098931.D

Acq: 14 Mar 2019 4:21

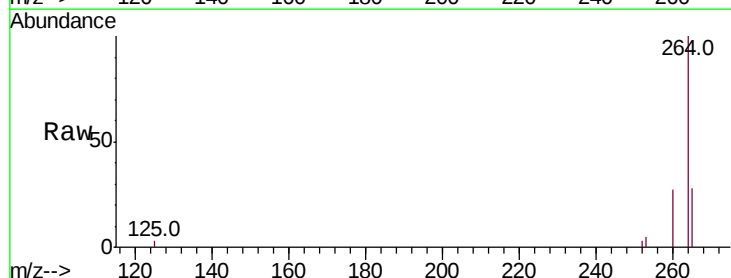
Tgt Ion:264 Resp: 6868

Ion Ratio Lower Upper

264 100

260 26.6 21.2 31.8

265 28.4 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

