

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098952.D
 Acq On : 14 Mar 2019 20:31
 Operator : JU/SJ
 Sample : K1882-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304S-20190312

Quant Time: Mar 15 05:32:43 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	688	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3300	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2416	0.40	ng	0.01
19) Phenanthrene-d10	17.22	188	5849	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6526	0.40	ng	0.00
34) Perylene-d12	23.90	264	6254	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	310	0.15	ng	0.03
5) Phenol-d6	6.95	99	4	0.00	ng	-0.03
8) Nitrobenzene-d5	9.03	82	480	0.14	ng	0.07
11) 2-Methylnaphthalene-d10	12.22	152	1938	0.32	ng	0.03
14) 2,4,6-Tribromophenol	15.97	330	354	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4078	0.41	ng	0.01
25) Fluoranthene-d10	19.25	212	28993	0.31	ng	0.00
29) Terphenyl-d14	19.84	244	7462	0.47	ng	0.00

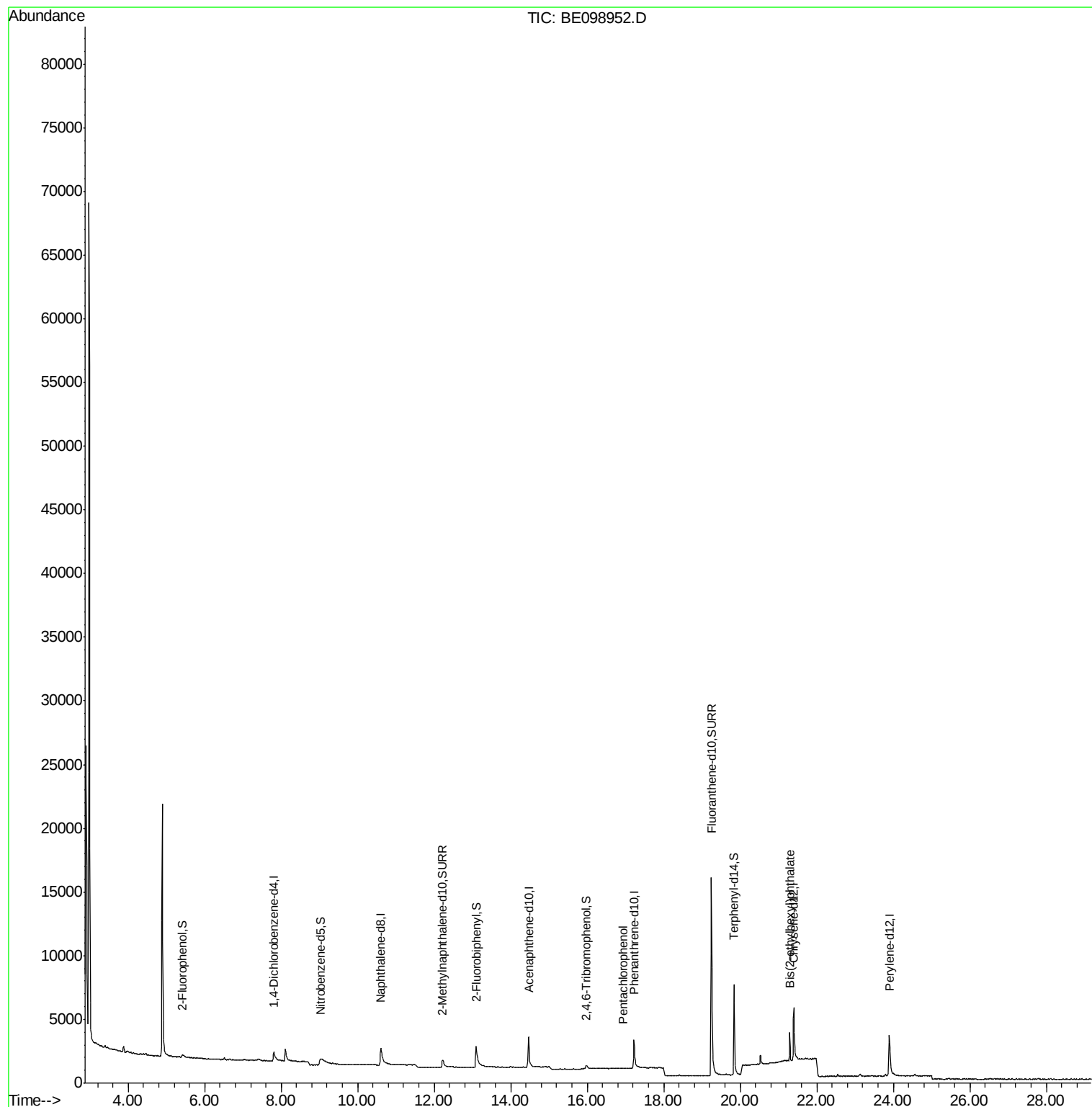
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	77	Below Cal		# 11
22) Pentachlorophenol	16.95	266	14	0.275	ng	92
32) Bis(2-ethylhexyl)phthalate	21.29	149	2433	0.056	ng	99

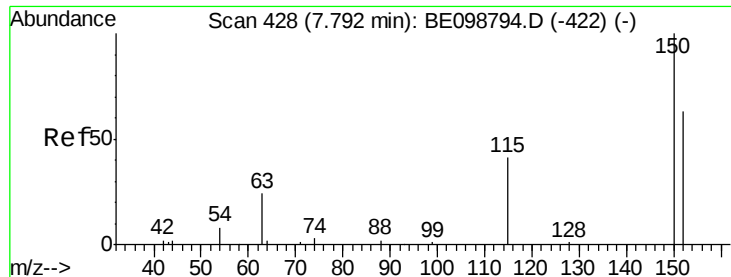
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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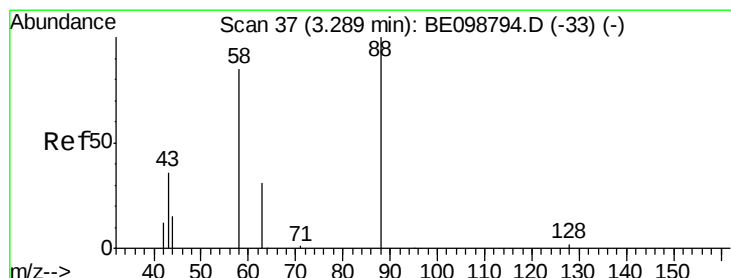
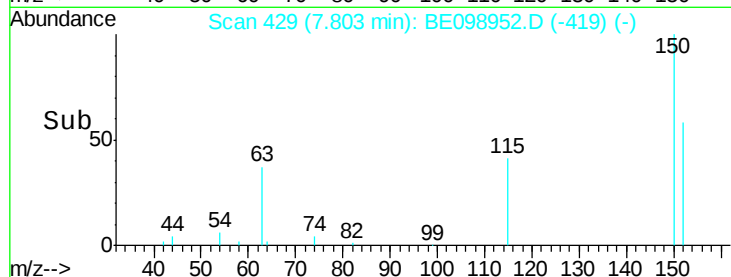
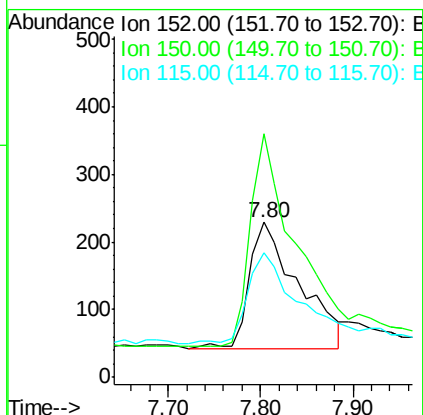
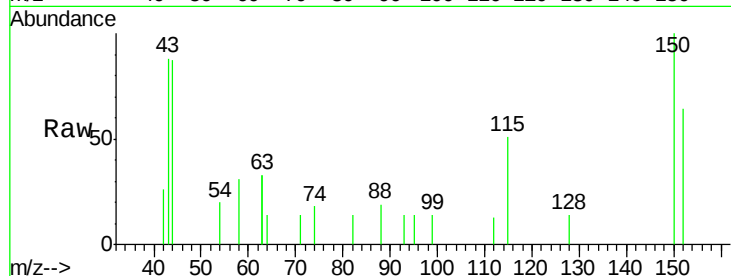


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098952.D
Acq: 14 Mar 2019 20:31

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304S-20190312

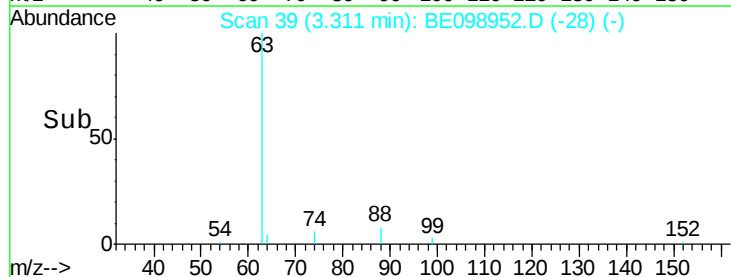
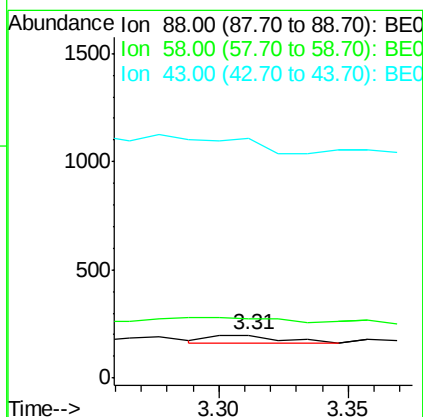
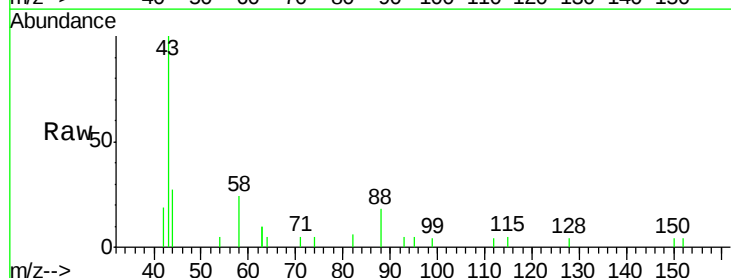
Tgt Ion: 152 Resp: 688
Ion Ratio Lower Upper
152 100
150 157.2 122.5 183.7
115 80.8 57.4 86.2

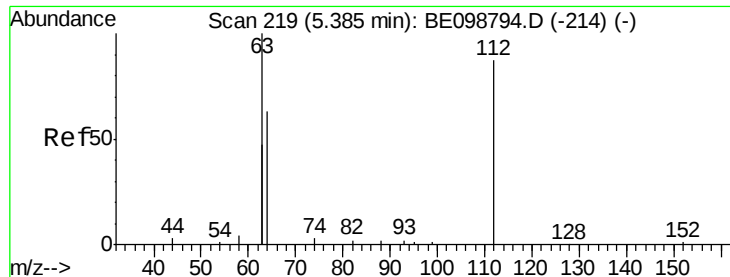


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.31 min Scan# 39
Delta R.T. 0.02 min
Lab File: BE098952.D
Acq: 14 Mar 2019 20:31

Tgt Ion: 88 Resp: 77
Ion Ratio Lower Upper
88 100
58 0.0 75.8 113.6#
43 0.0 41.8 62.8#





#4

2-Fluorophenol

Concen: 0.151 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.03 min

Lab File: BE098952.D

Acq: 14 Mar 2019 20:31

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190312

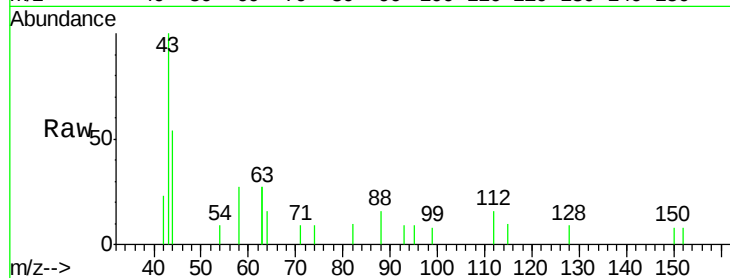
Tgt Ion: 112 Resp: 310

Ion Ratio Lower Upper

112 100

64 61.3 57.9 86.9

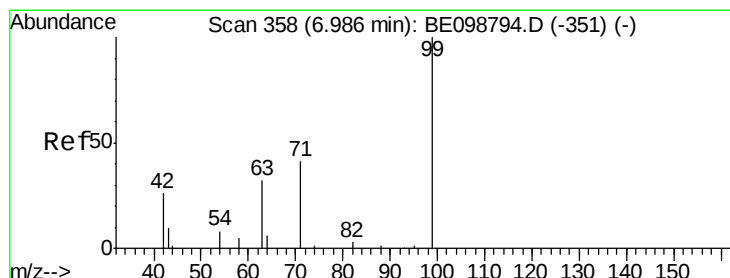
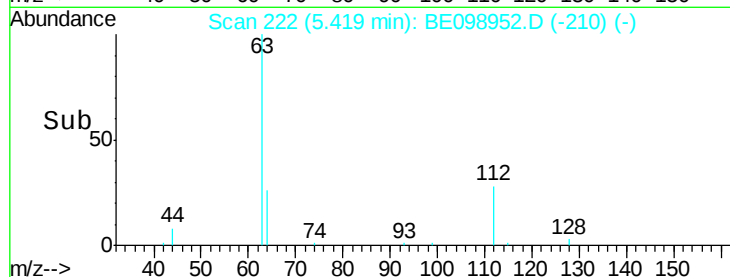
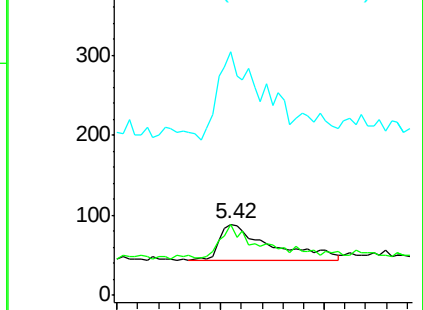
63 153.2 158.3 237.5#



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: 0.001 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.03 min

Lab File: BE098952.D

Acq: 14 Mar 2019 20:31

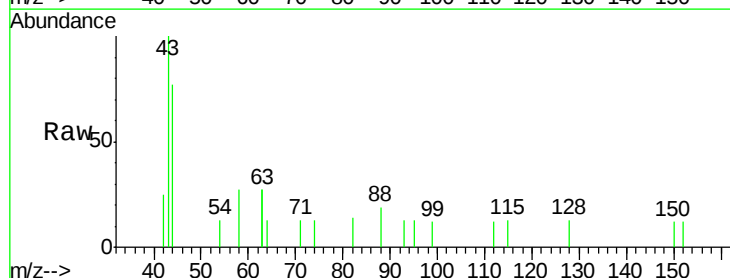
Tgt Ion: 99 Resp: 4

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

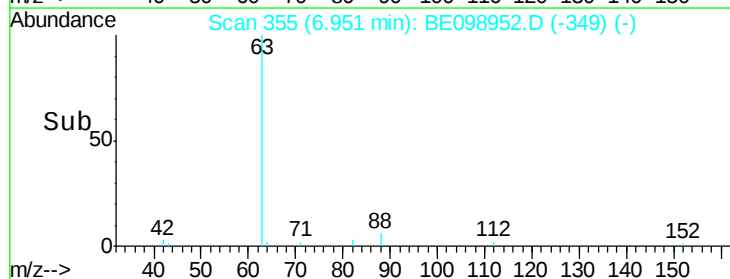
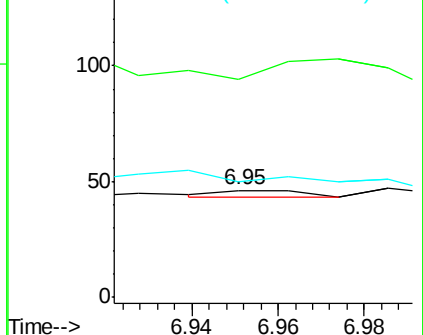
71 425.0 35.7 53.5#

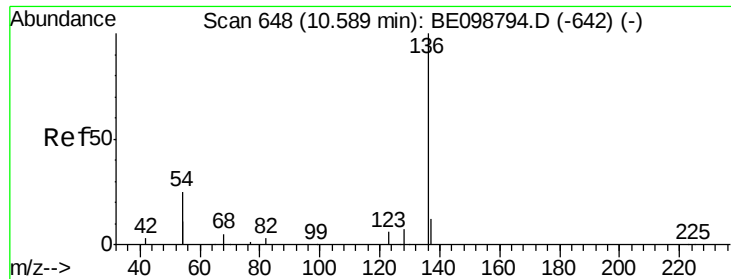


Abundance Ion 99.00 (98.70 to 99.70): BE0

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# 650

Delta R.T. 0.01 min

Lab File: BE098952.D

Acq: 14 Mar 2019 20:31

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190312

Tgt Ion: 136 Resp: 3300

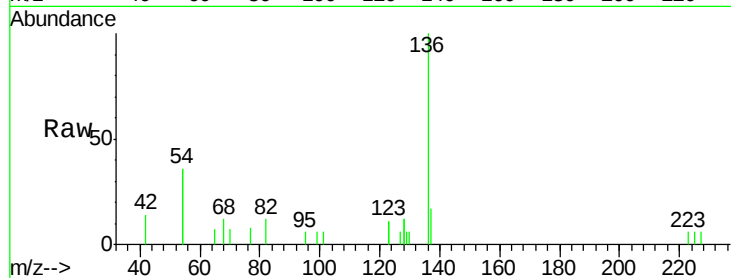
Ion Ratio Lower Upper

136 100

137 16.9 11.4 17.0

54 72.8 39.3 58.9#

68 11.5 6.7 10.1#

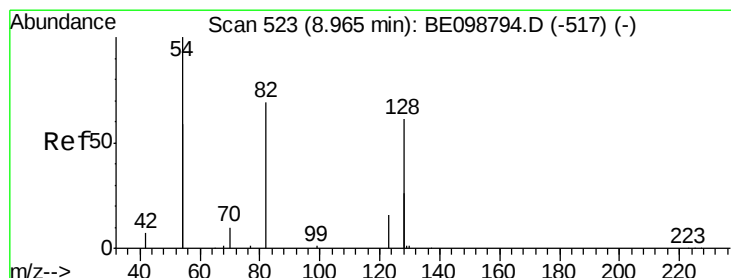
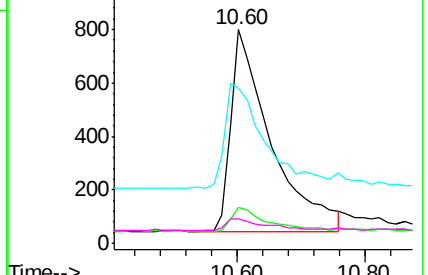
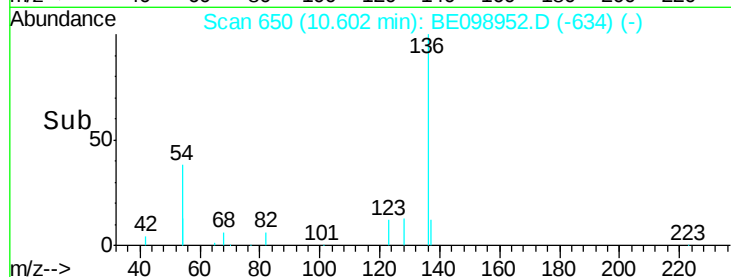


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.139 ng

RT: 9.03 min Scan# 529

Delta R.T. 0.07 min

Lab File: BE098952.D

Acq: 14 Mar 2019 20:31

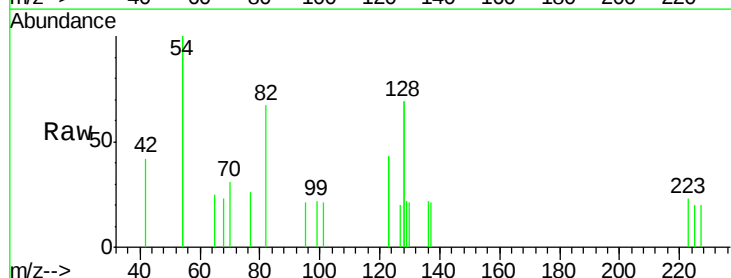
Tgt Ion: 82 Resp: 480

Ion Ratio Lower Upper

82 100

128 205.6 123.8 185.8#

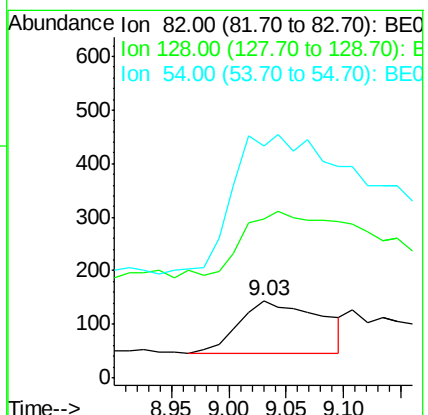
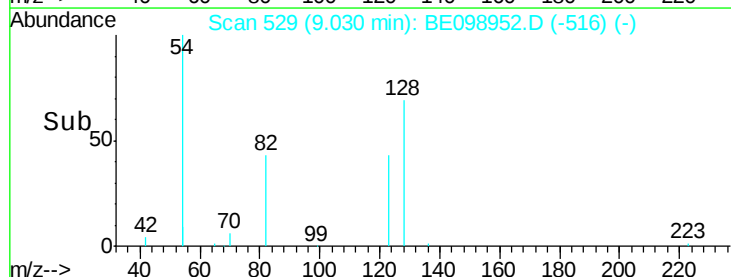
54 300.0 203.4 305.2

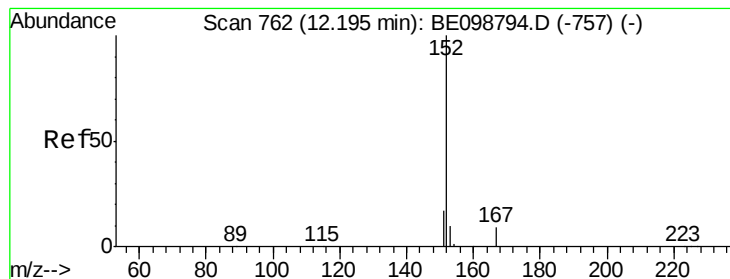


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.318 ng

RT: 12.22 min Scan# 765

Delta R.T. 0.03 min

Lab File: BE098952.D

Acq: 14 Mar 2019 20:31

Instrument :

BNA_E

ClientSampleId :

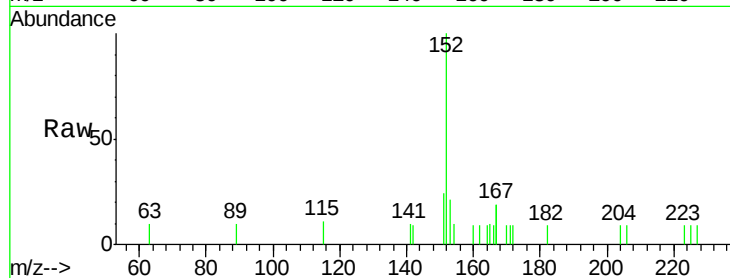
BPS1-TT-MW304S-20190312

Tgt Ion:152 Resp: 1938

Ion Ratio Lower Upper

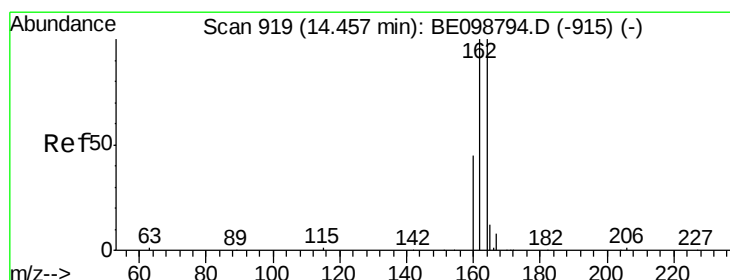
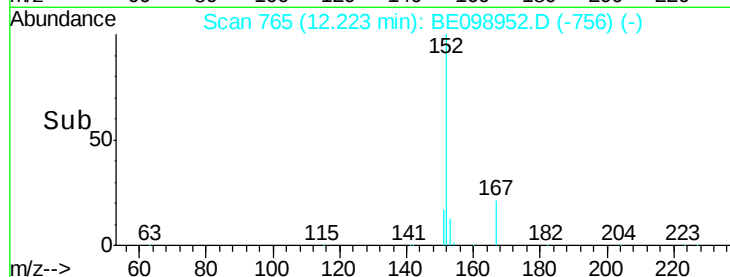
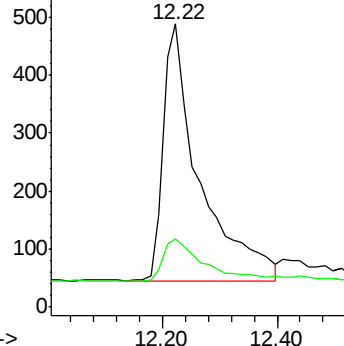
152 100

151 18.8 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE098952.D

Acq: 14 Mar 2019 20:31

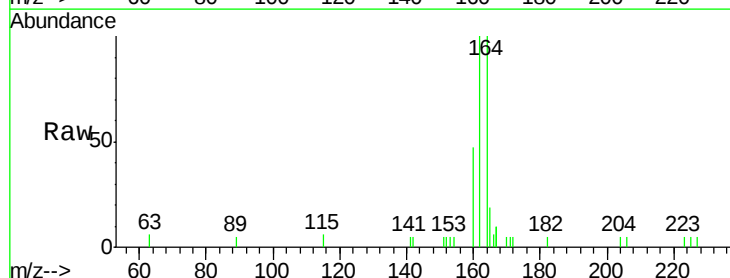
Tgt Ion:164 Resp: 2416

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

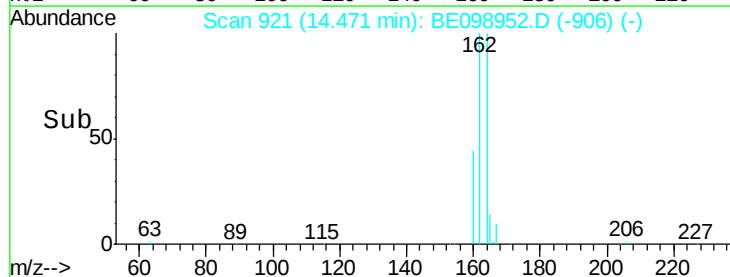
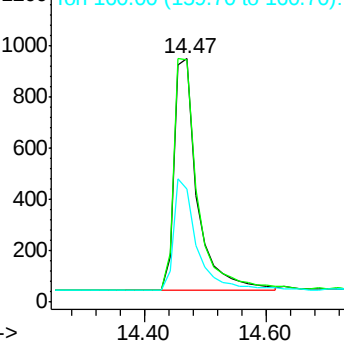
160 46.7 37.8 56.8

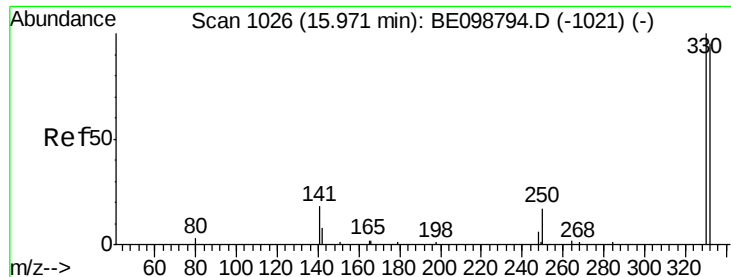


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.290 ng

RT: 15.97 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE098952.D

Acq: 14 Mar 2019 20:31

Instrument :

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ClientSampleId :

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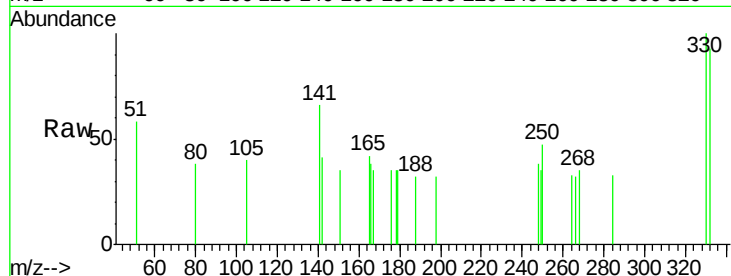
Tgt Ion:330 Resp: 354

Ion Ratio Lower Upper

330 100

332 93.5 77.6 116.4

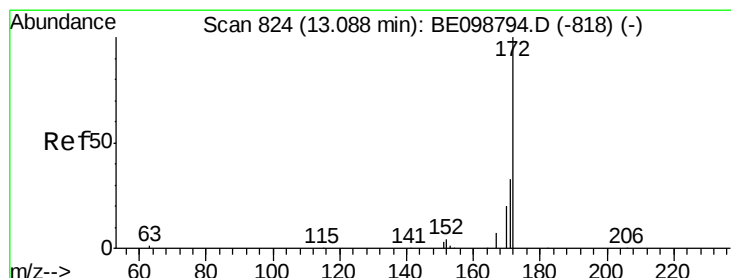
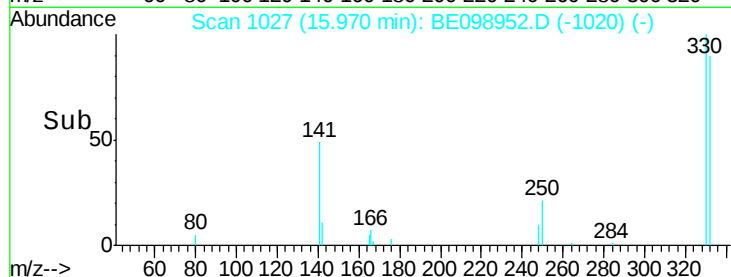
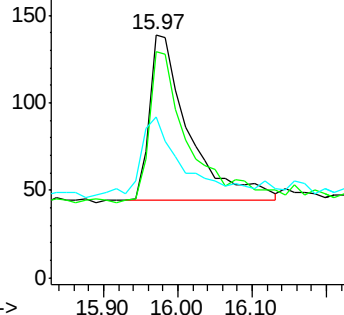
141 44.4 31.0 46.4



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: 0.408 ng

RT: 13.10 min Scan# 826

Delta R.T. 0.01 min

Lab File: BE098952.D

Acq: 14 Mar 2019 20:31

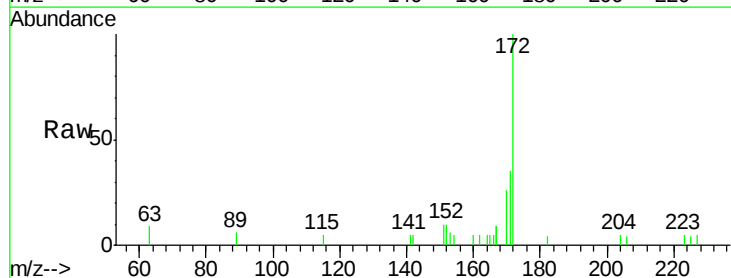
Tgt Ion:172 Resp: 4078

Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

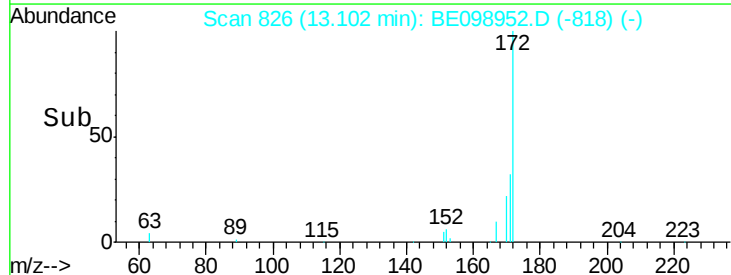
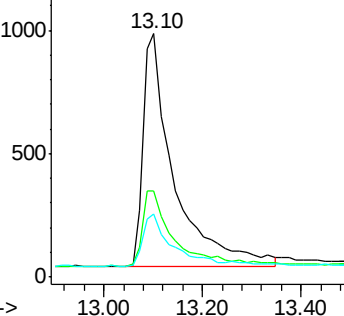
170 25.8 17.7 26.5

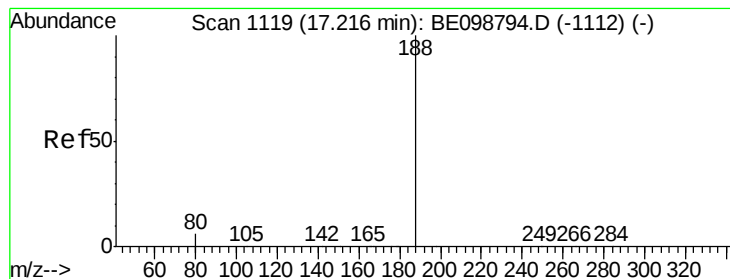


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE098952.D

Acq: 14 Mar 2019 20:31

Instrument :

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ClientSampleId :

BPS1-TT-MW304S-20190312

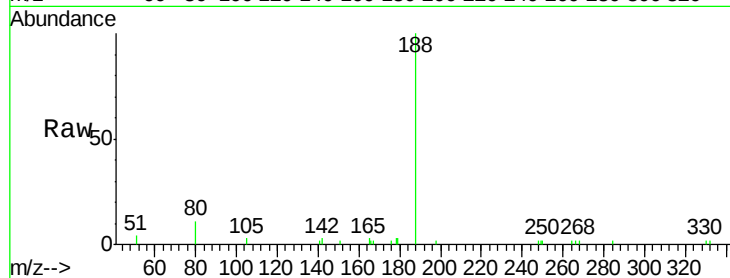
Tgt Ion:188 Resp: 5849

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

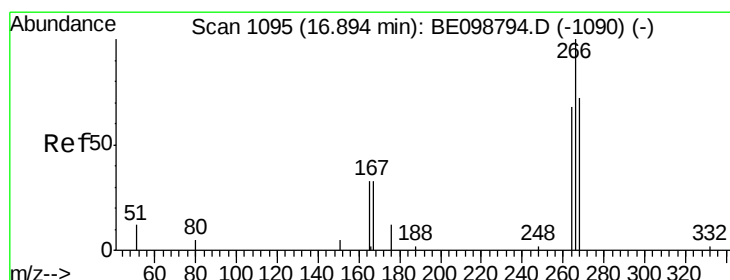
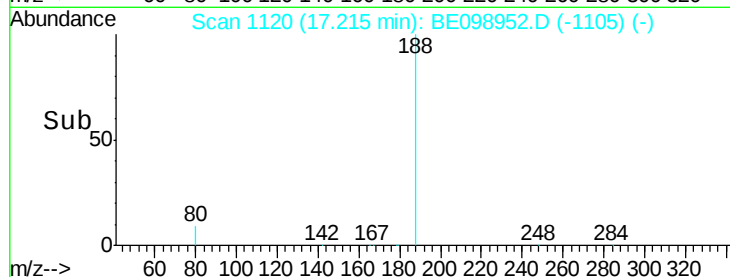
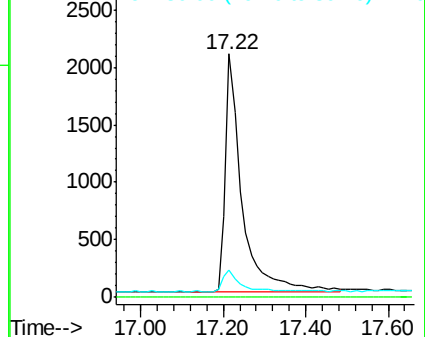
80 11.4 6.3 9.5#



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: 0.275 ng

RT: 16.95 min Scan# 1100

Delta R.T. 0.05 min

Lab File: BE098952.D

Acq: 14 Mar 2019 20:31

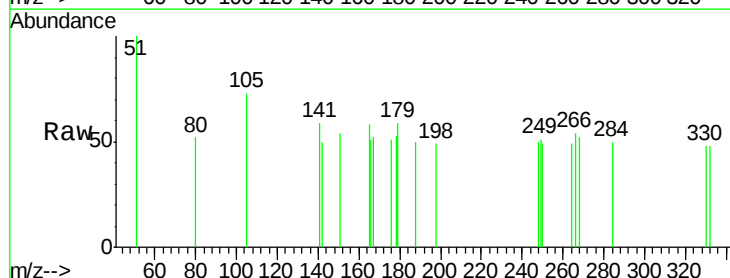
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 90.0 66.6 100.0

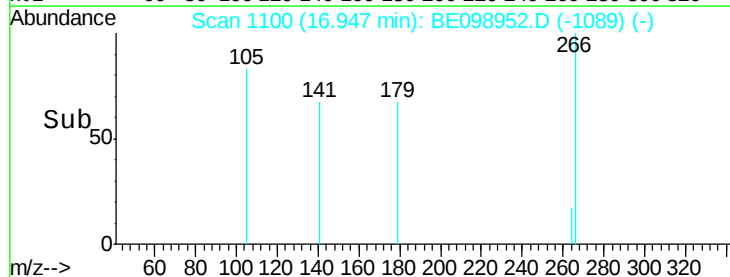
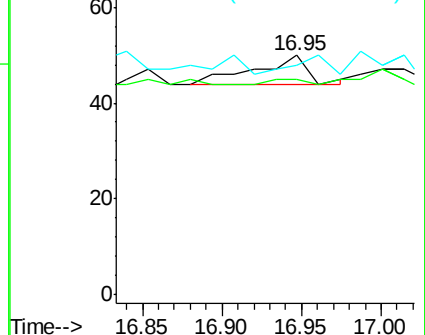
268 96.0 69.8 104.8

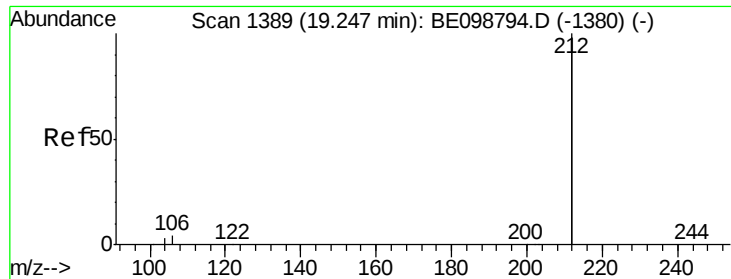


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

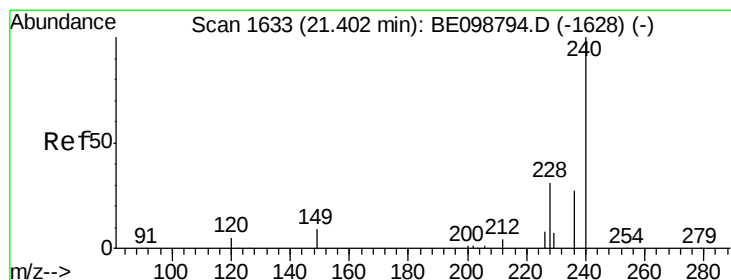
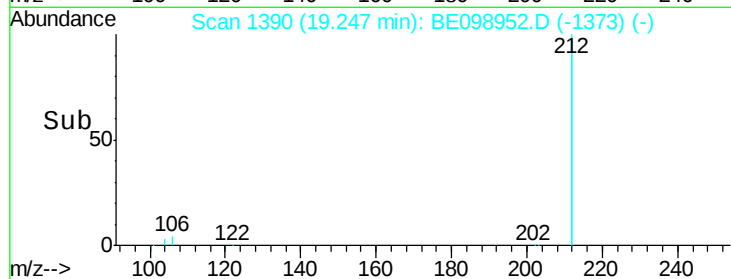
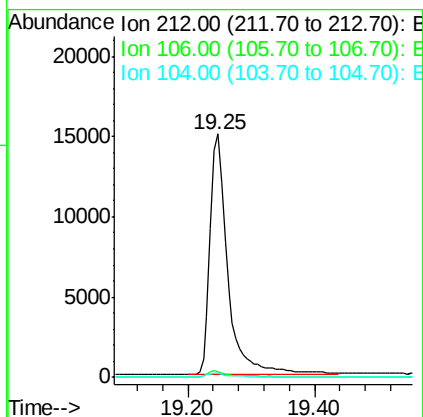
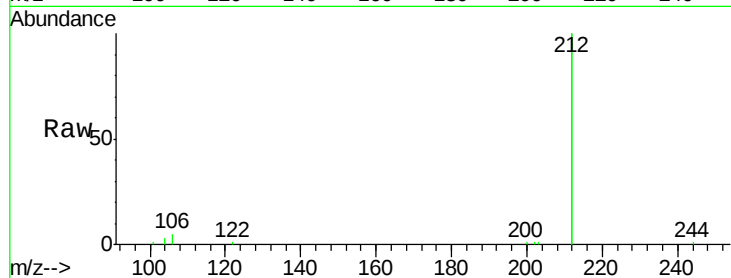




#25
 Fluoranthene-d10
 Concen: 0.311 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BE098952.D
 Acq: 14 Mar 2019 20:31

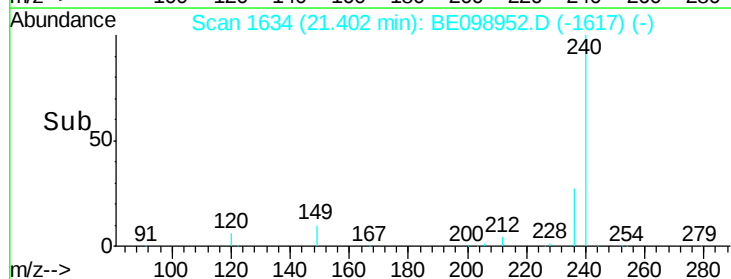
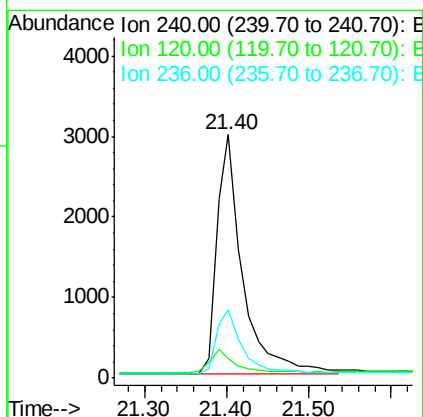
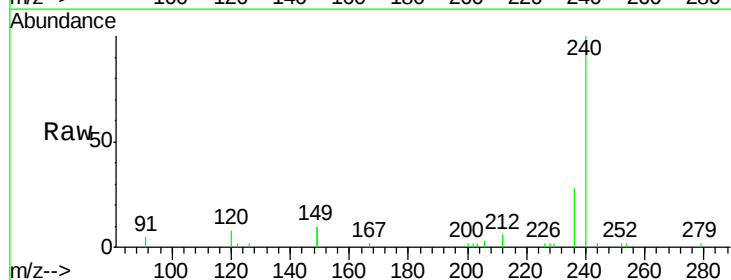
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304S-20190312

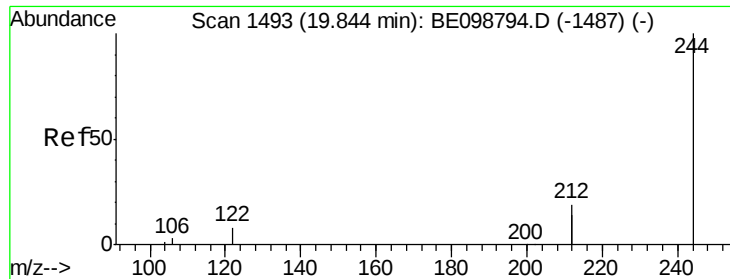
Tgt Ion: 212 Resp: 28993
 Ion Ratio Lower Upper
 212 100
 106 2.3 1.8 2.8
 104 1.5 1.0 1.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE098952.D
 Acq: 14 Mar 2019 20:31

Tgt Ion: 240 Resp: 6526
 Ion Ratio Lower Upper
 240 100
 120 8.1 5.0 7.4#
 236 27.9 22.7 34.1





#29

Terphenyl-d14

Concen: 0.471 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE098952.D

Acq: 14 Mar 2019 20:31

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190312

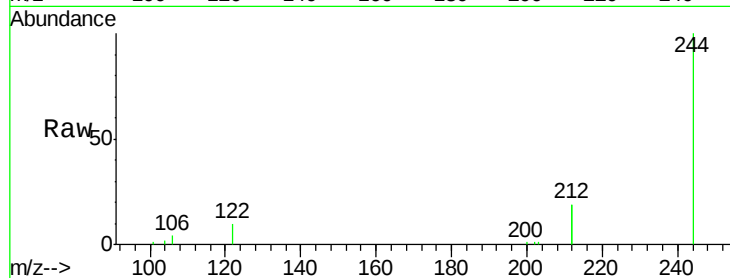
Tgt Ion:244 Resp: 7462

Ion Ratio Lower Upper

244 100

212 38.5 29.4 44.2

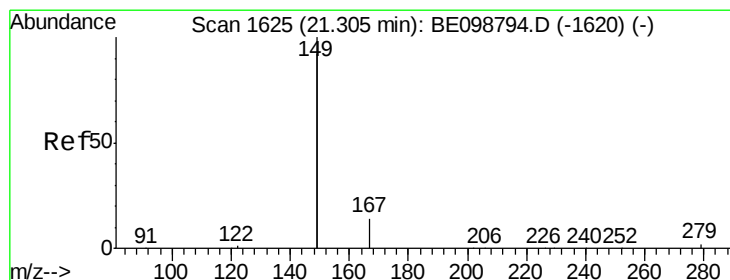
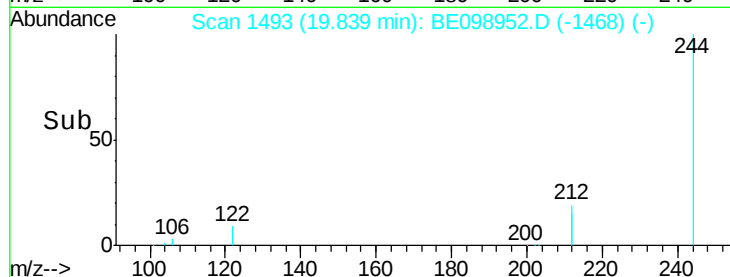
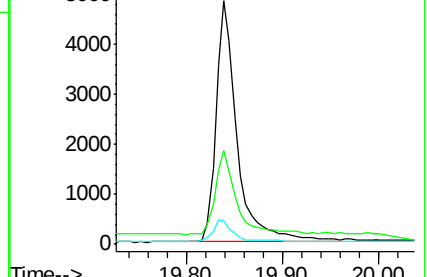
122 9.7 7.1 10.7



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: 0.056 ng

RT: 21.29 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE098952.D

Acq: 14 Mar 2019 20:31

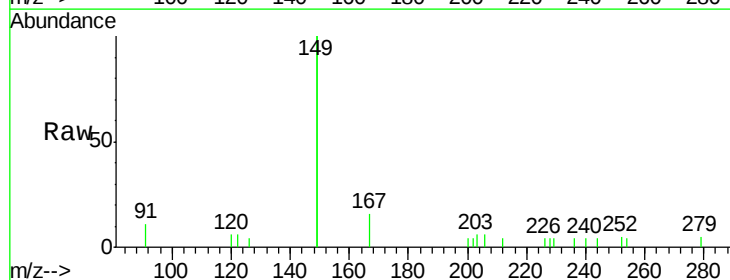
Tgt Ion:149 Resp: 2433

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

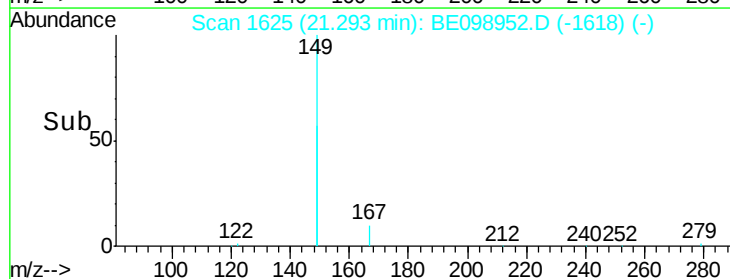
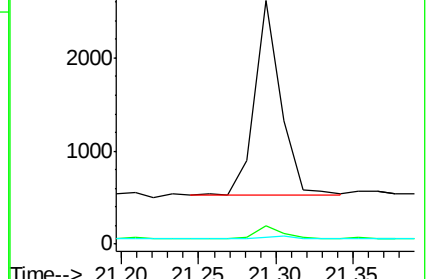
279 1.2 1.0 1.4

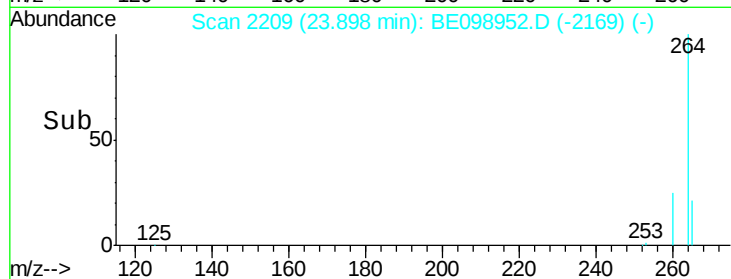
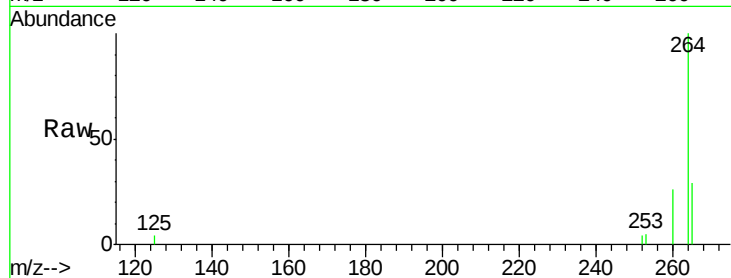
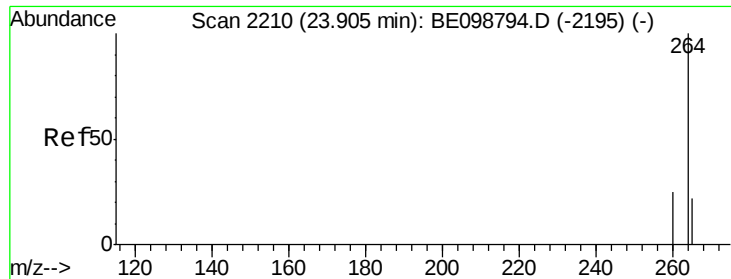


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.01 min

Lab File: BE098952.D

Acq: 14 Mar 2019 20:31

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20190312

Tgt Ion:264 Resp: 6254

Ion Ratio Lower Upper

264 100

260 26.2 21.2 31.8

265 28.7 24.6 36.8

