

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098922.D
 Acq On : 13 Mar 2019 21:29
 Operator : JU/SJ
 Sample : K1856-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306D-20190311

Quant Time: Mar 14 06:56:54 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

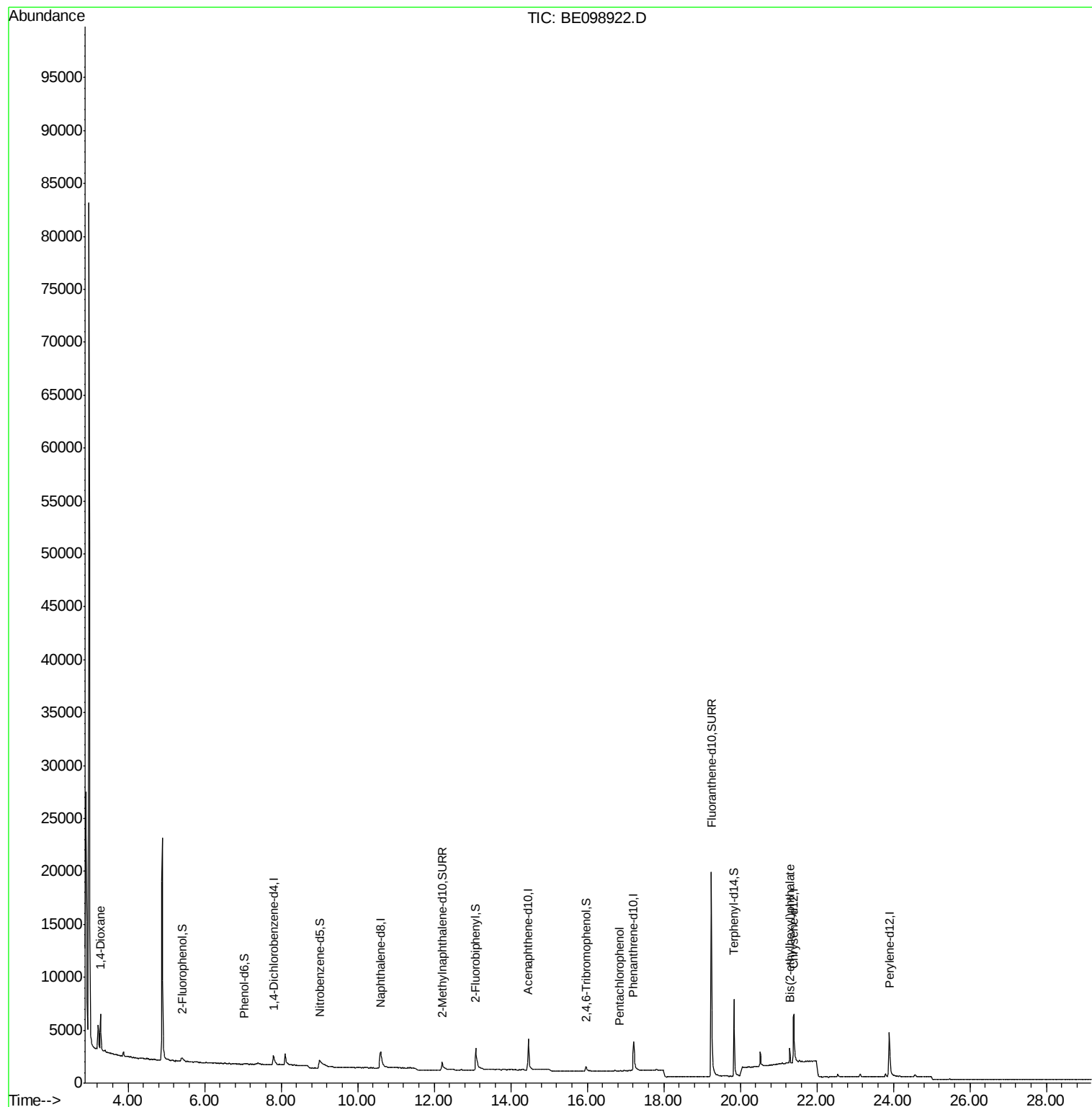
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	796	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3472	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2539	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6399	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7463	0.40	ng	0.00
34) Perylene-d12	23.89	264	7471	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	373	0.16	ng	0.03
5) Phenol-d6	7.04	99	266	0.08	ng	0.05
8) Nitrobenzene-d5	9.02	82	1138	0.31	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2229	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	491	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4111	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	32133	0.31	ng	0.00
29) Terphenyl-d14	19.84	244	8017	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	1919	1.462	ng	97
22) Pentachlorophenol	16.84	266	9	0.271	ng	87
32) Bis(2-ethylhexyl)phthalate	21.29	149	1697	0.034	ng	# 98

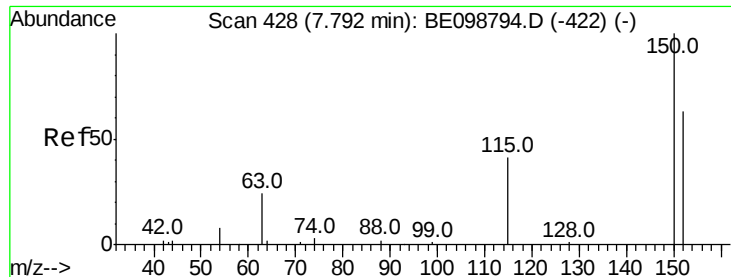
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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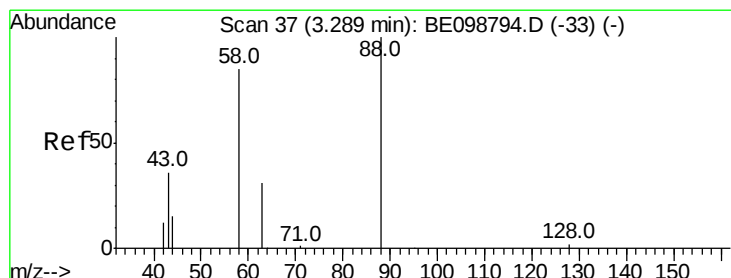
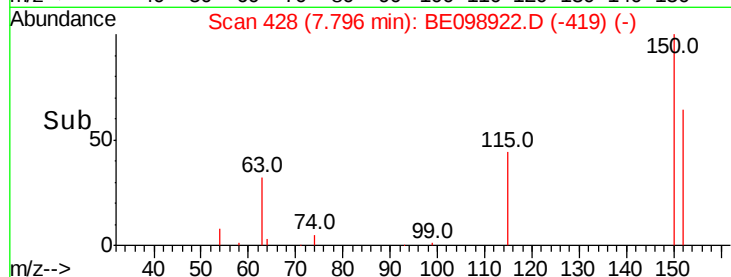
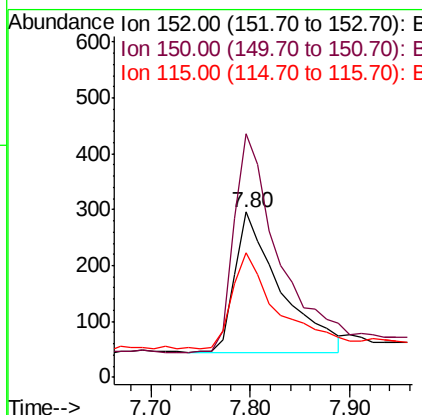
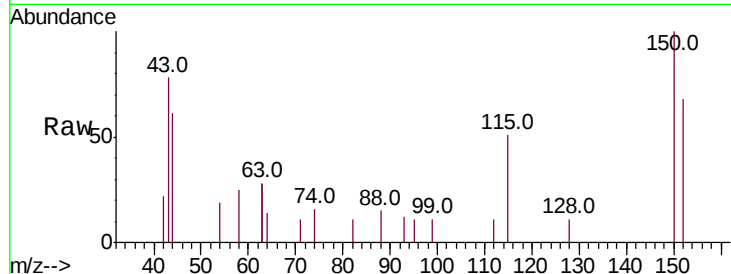


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098922.D
Acq: 13 Mar 2019 21:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306D-20190311

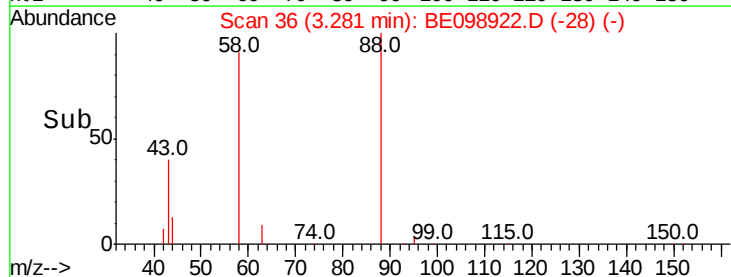
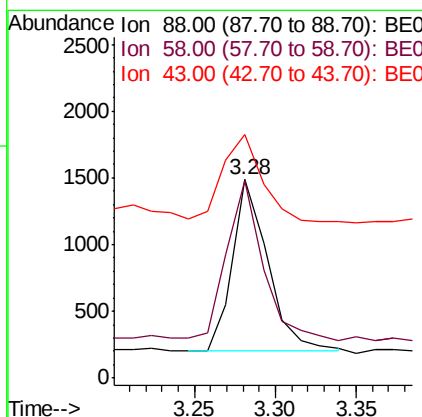
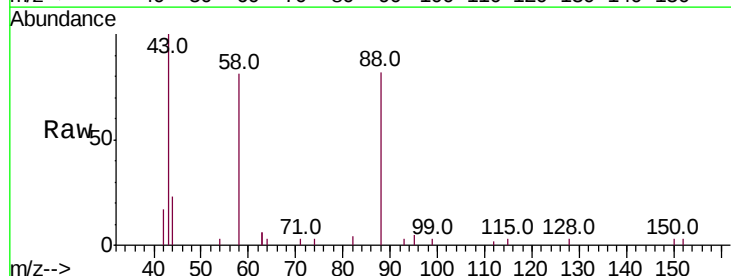
Tot Ion:152 Resp: 796
Ion Ratio Lower Upper
152 100
150 147.3 122.5 183.7
115 75.3 57.4 86.2



#2

1,4-Dioxane
Concen: 1.462 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098922.D
Acq: 13 Mar 2019 21:29

Tgt Ion: 88 Resp: 1919
Ion Ratio Lower Upper
88 100
58 96.5 75.8 113.6
43 56.7 41.8 62.8





#4

2-Fluorophenol

Concen: 0.157 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20190311

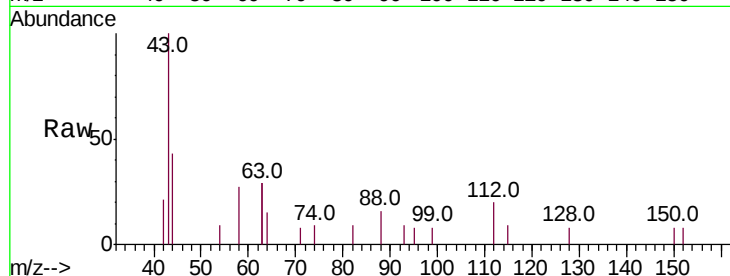
Tot Ion:112 Resp: 373

Ion Ratio Lower Upper

112 100

64 76.7 57.9 86.9

63 200.0 158.3 237.5



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

500

400

300

200

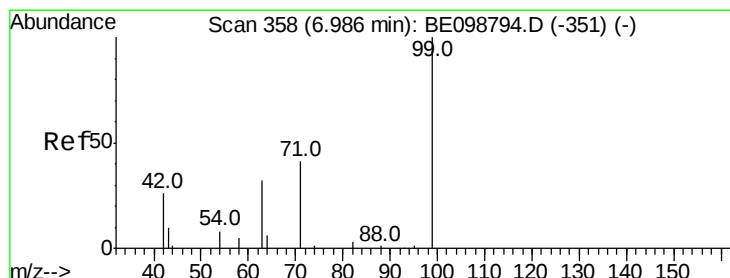
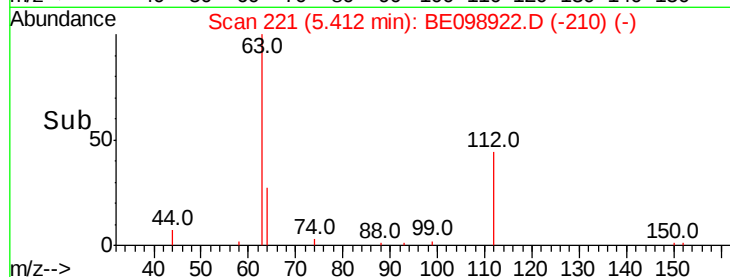
100

0

5.30 5.40 5.50 5.60

5.41

Time-->



#5

Phenol-d6

Concen: 0.079 ng

RT: 7.04 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

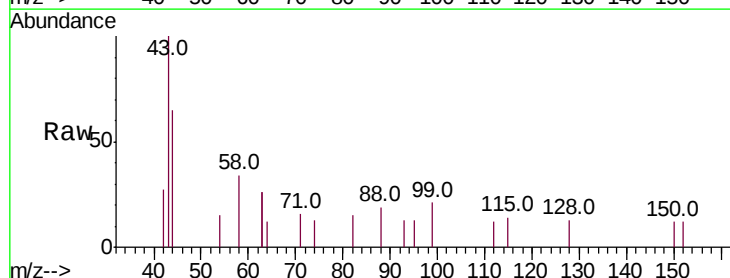
Tgt Ion: 99 Resp: 266

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

71 26.3 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

150

100

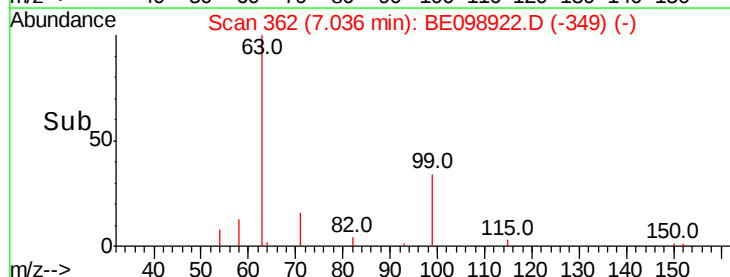
50

0

6.90 7.00 7.10 7.20

7.04

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20190311

Tot Ion:136 Resp: 3472

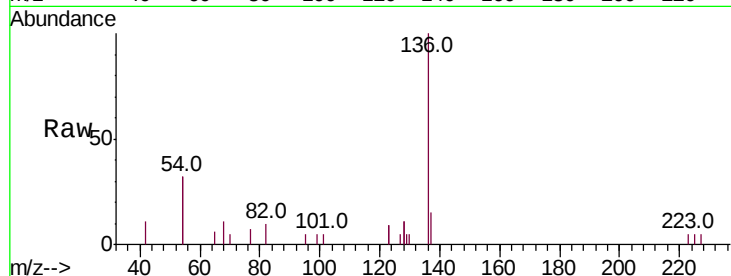
Ion Ratio Lower Upper

136 100

137 14.7 11.4 17.0

54 63.1 39.3 58.9#

68 10.5 6.7 10.1#

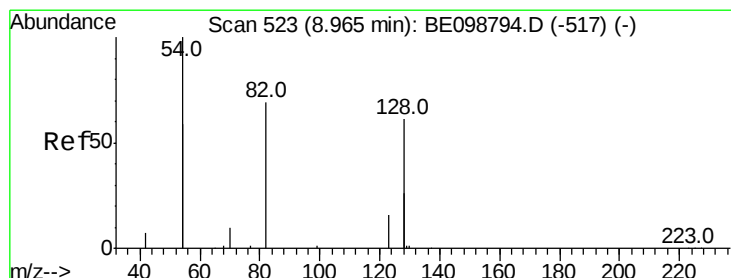
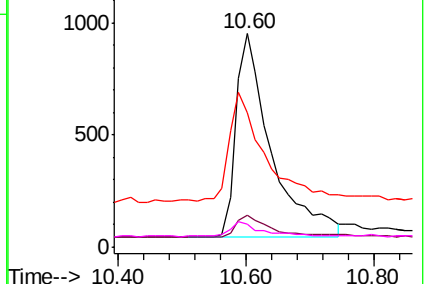
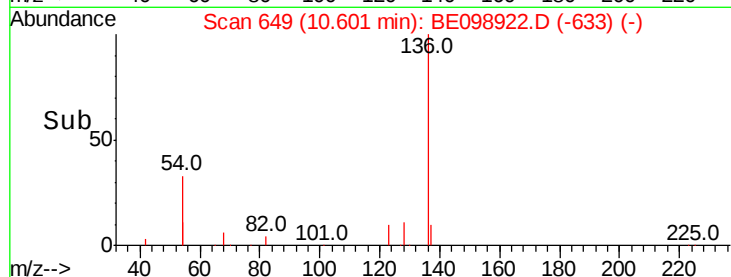


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.313 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

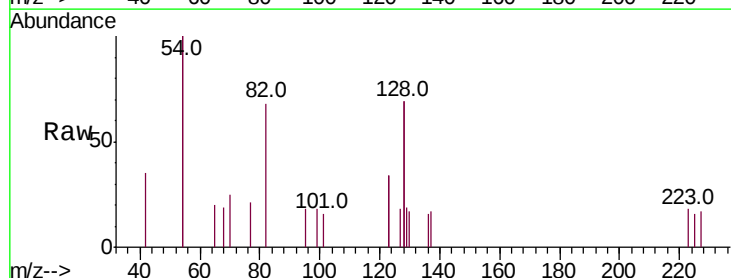
Tgt Ion: 82 Resp: 1138

Ion Ratio Lower Upper

82 100

128 204.4 123.8 185.8#

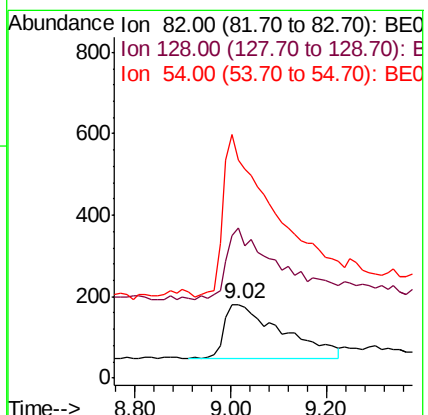
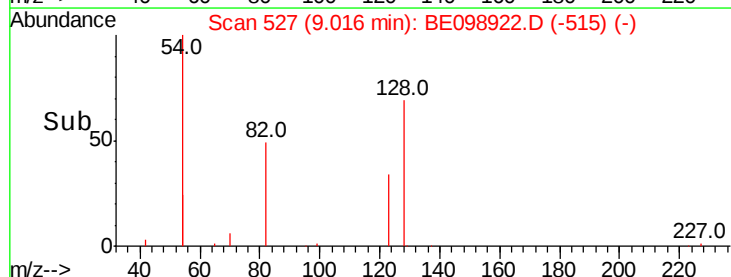
54 296.1 203.4 305.2

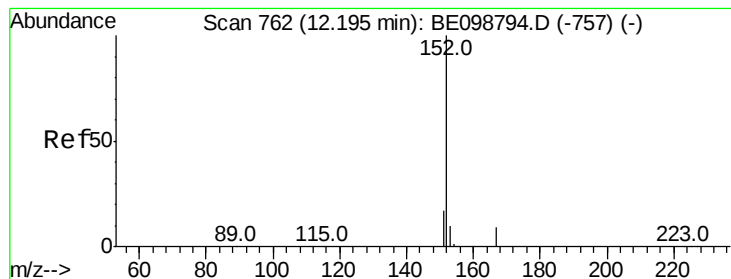


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

Instrument :

BNA_E

ClientSampleId :

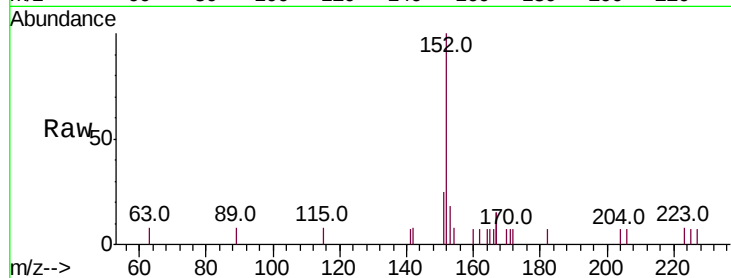
BPS1-TT-MW306D-20190311

Tot Ion:152 Resp: 2229

Ion Ratio Lower Upper

152 100

151 20.2 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

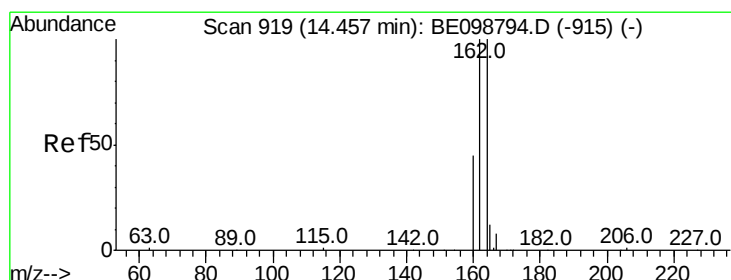
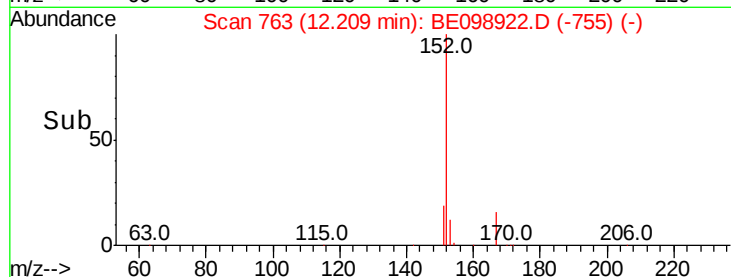
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

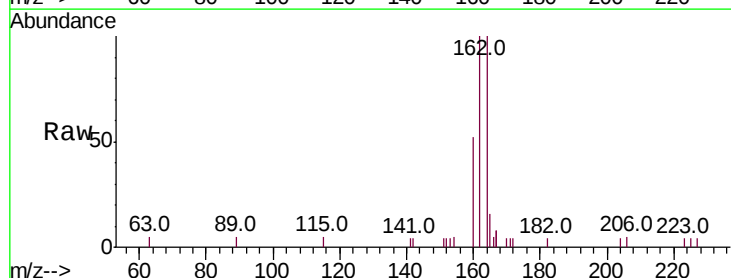
Tgt Ion:164 Resp: 2539

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

160 51.5 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

14.46

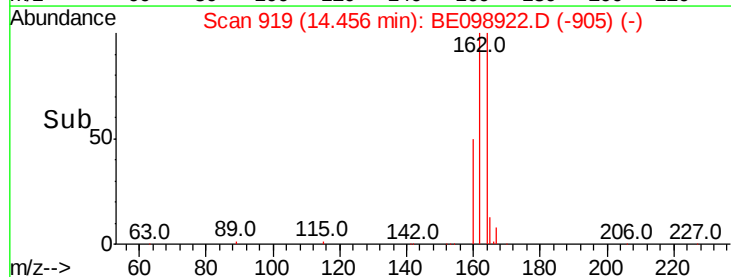
1500

1000

500

0

Time-->

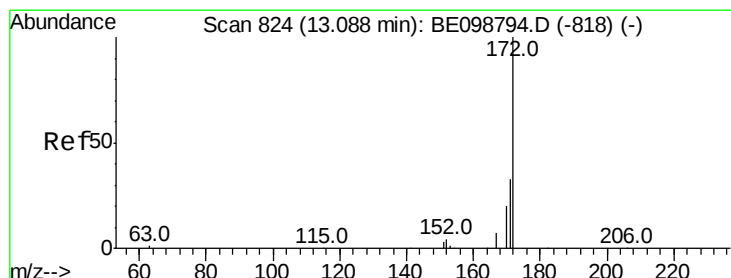
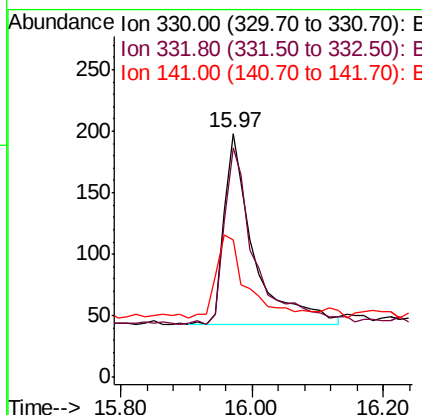
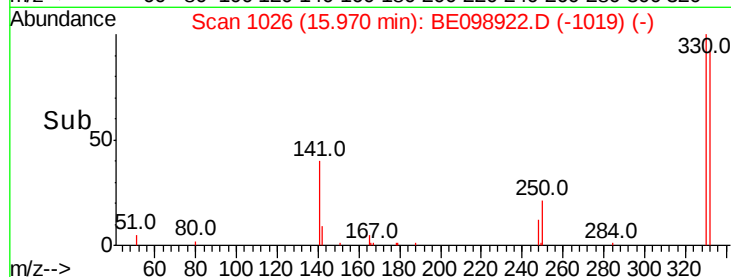
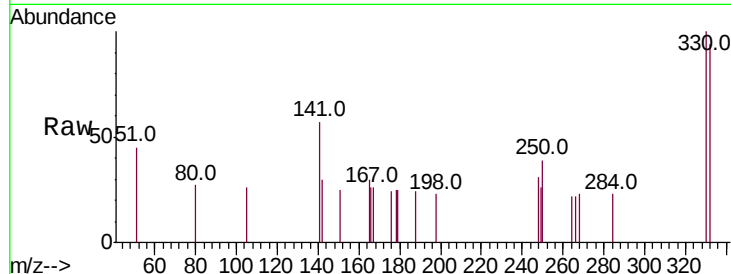




#14
 2,4,6-Tribromophenol
 Concen: 0.383 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098922.D
 Acq: 13 Mar 2019 21:29

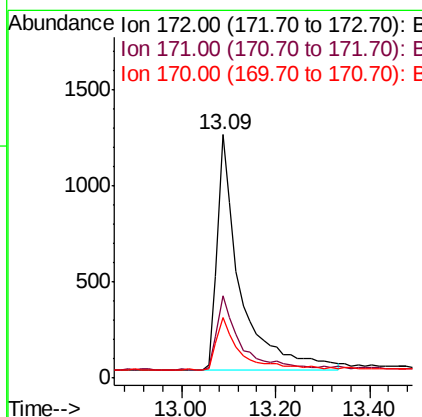
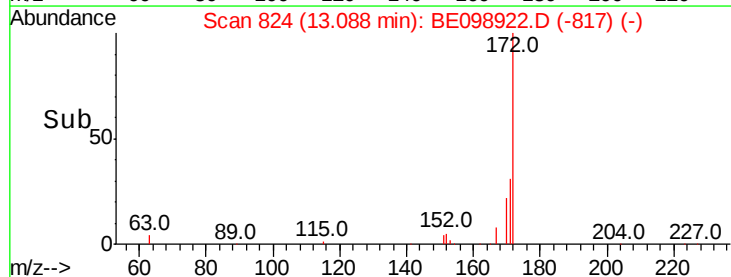
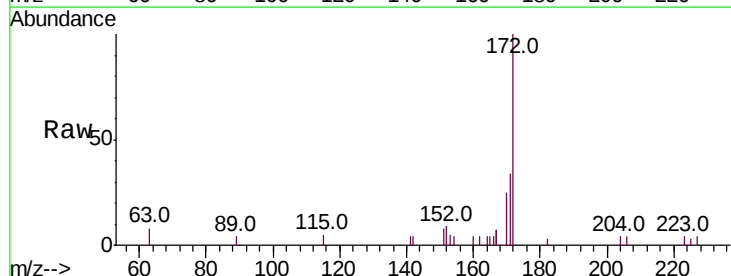
Instrument :
 BNA_E
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 BPS1-TT-MW306D-20190311

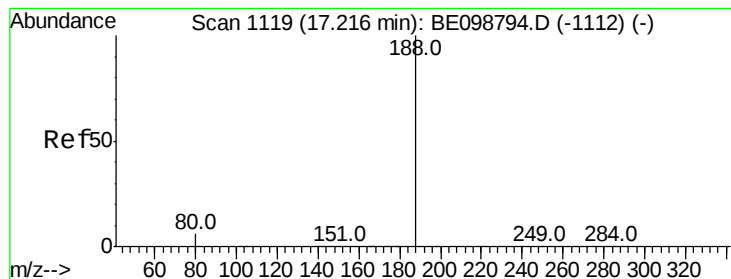
Tot Ion:330 Resp: 491
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.6 116.4
 141 46.2 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.391 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098922.D
 Acq: 13 Mar 2019 21:29

Tgt Ion:172 Resp: 4111
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.0 42.0
 170 25.1 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20190311

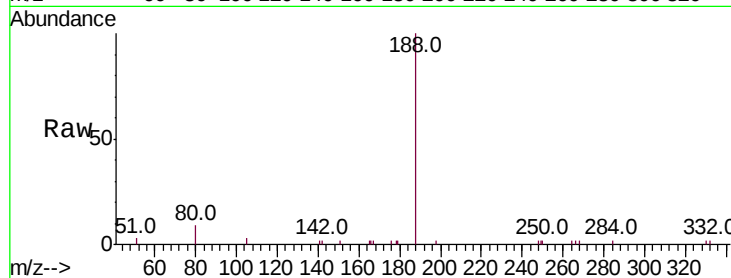
Tot Ion:188 Resp: 6399

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

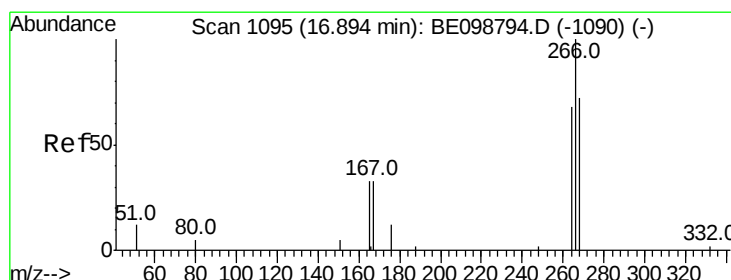
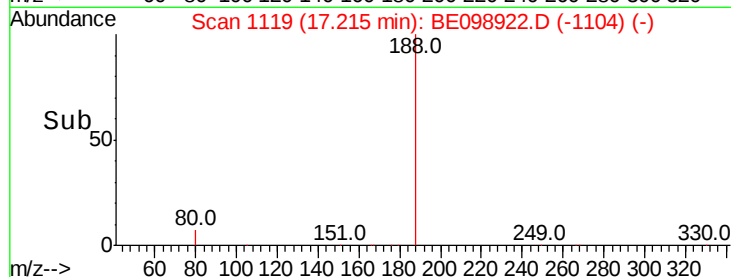
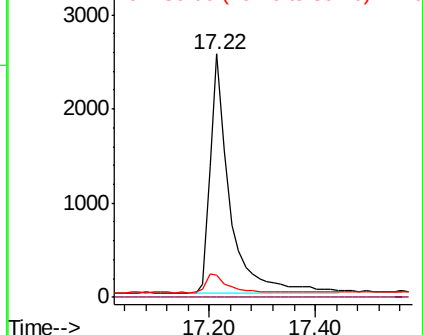
80 9.3 6.3 9.5



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: 16.84 min Scan# 1091

Delta R.T. -0.05 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

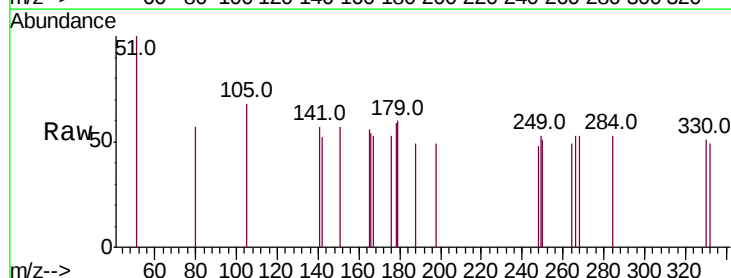
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 93.8 66.6 100.0

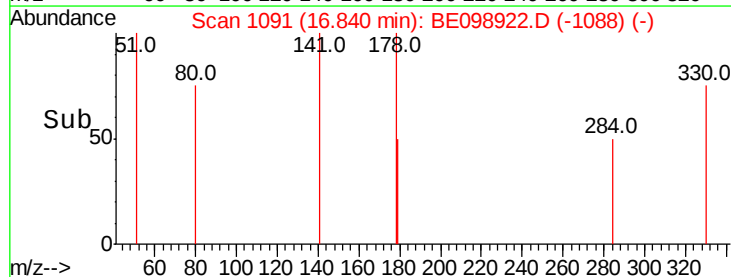
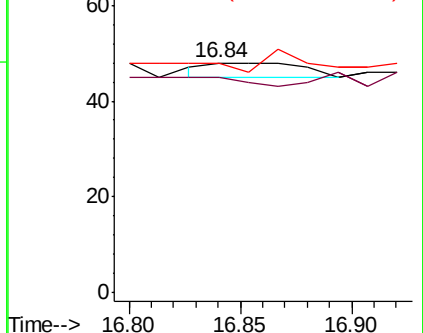
268 100.0 69.8 104.8

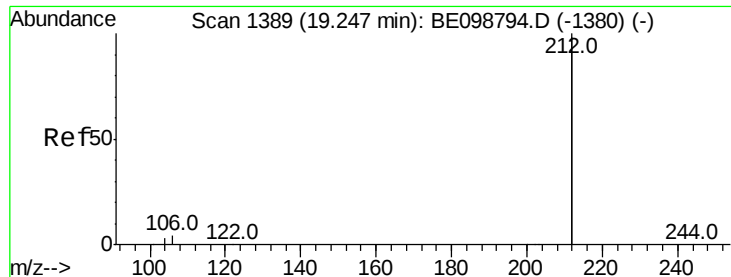


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.315 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098922.D

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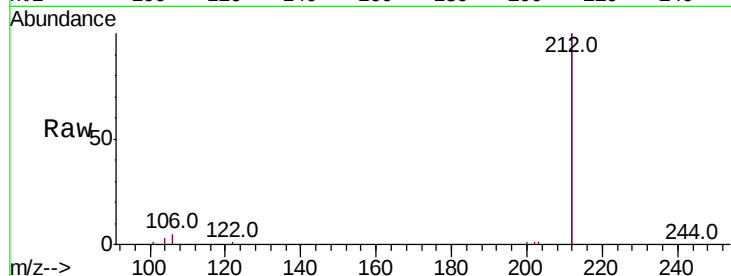
Tot Ion:212 Resp: 32133

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

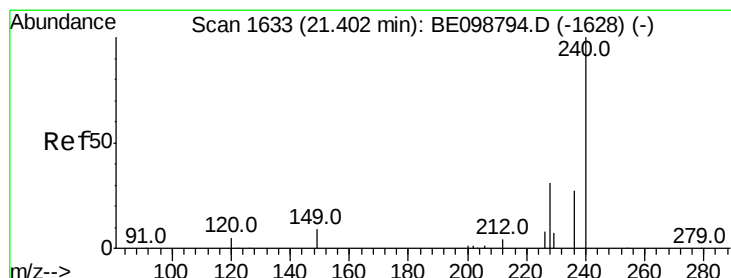
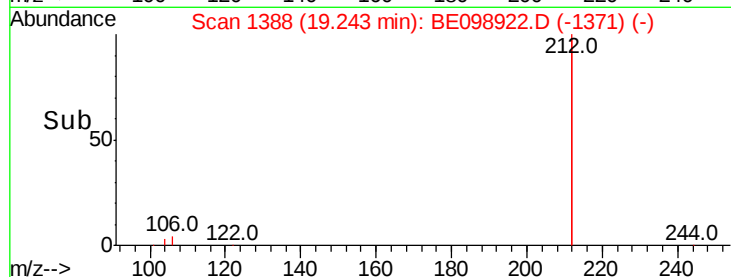
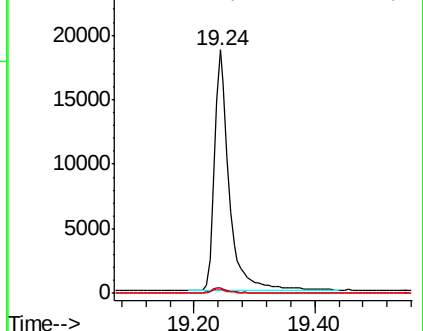
104 1.3 1.0 1.6



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# 1632

Delta R.T. -0.00 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

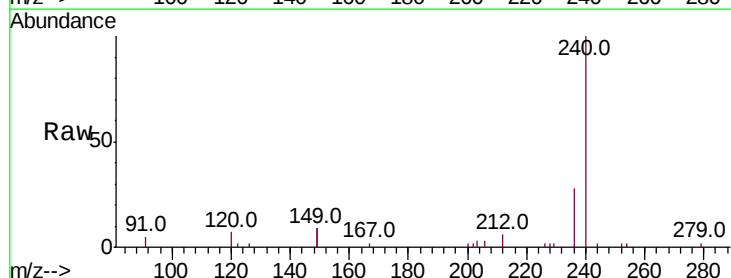
Tgt Ion:240 Resp: 7463

Ion Ratio Lower Upper

240 100

120 7.0 5.0 7.4

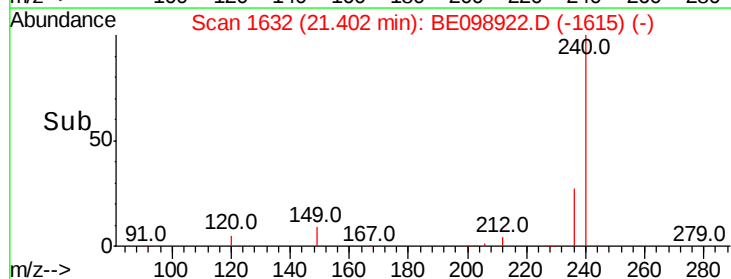
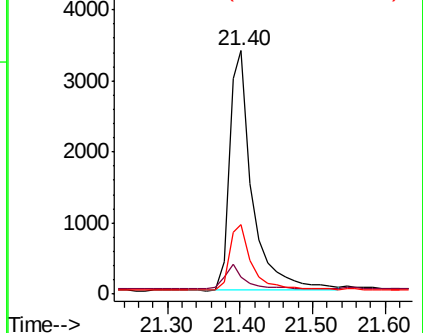
236 28.4 22.7 34.1

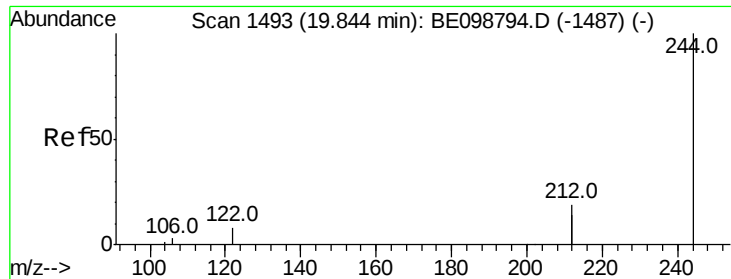


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.442 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

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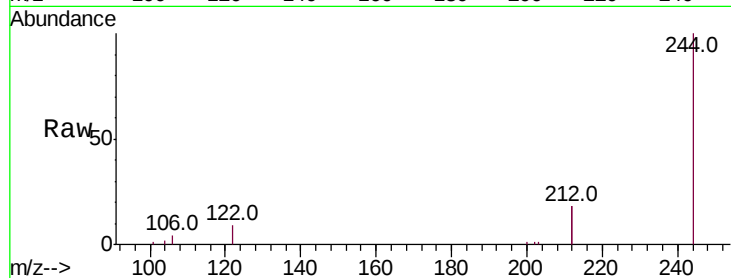
Tot Ion:244 Resp: 8017

Ion Ratio Lower Upper

244 100

212 36.3 29.4 44.2

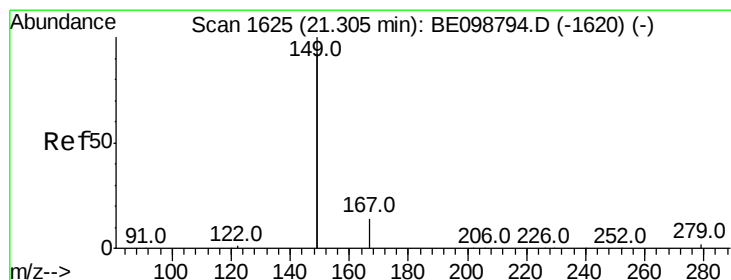
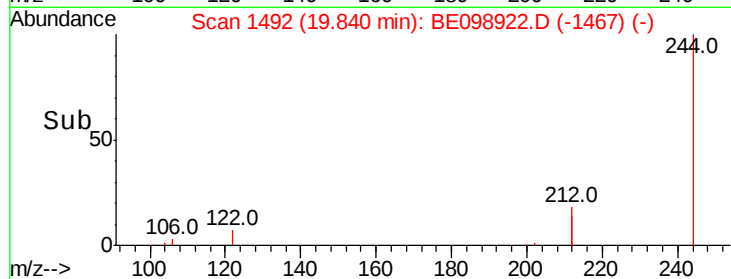
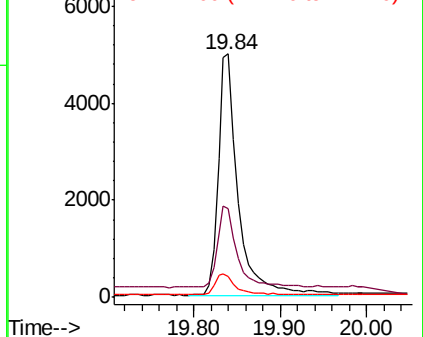
122 8.6 7.1 10.7



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: 0.034 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE098922.D

Acq: 13 Mar 2019 21:29

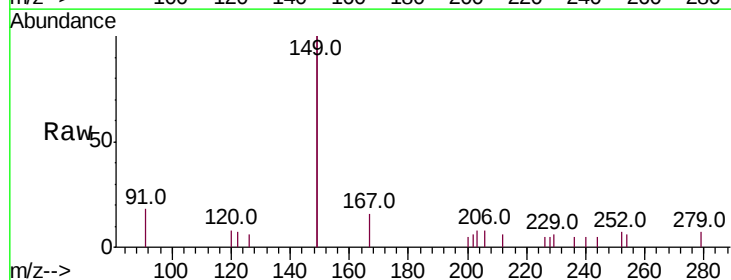
Tgt Ion:149 Resp: 1697

Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.0

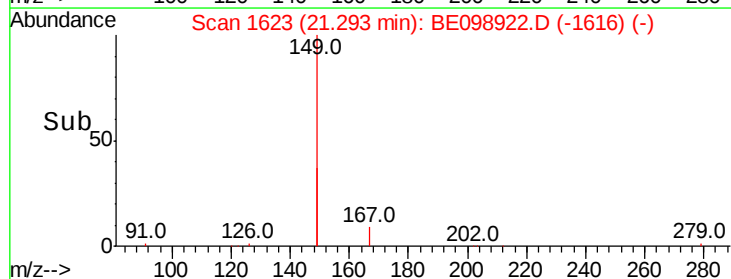
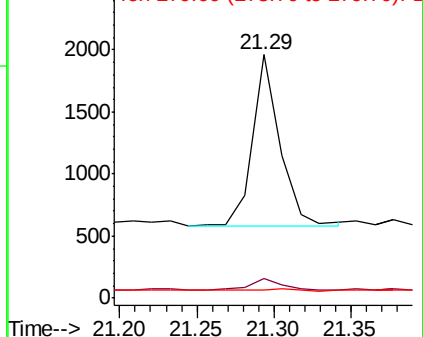
279 2.2 1.0 1.4#

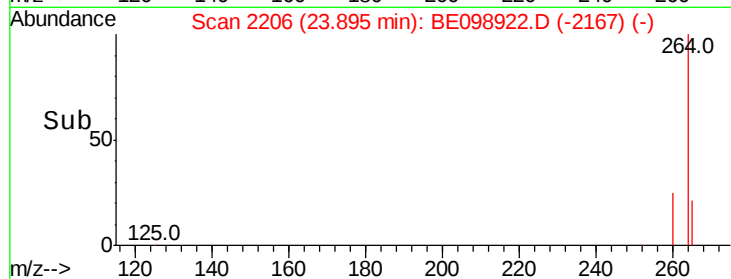
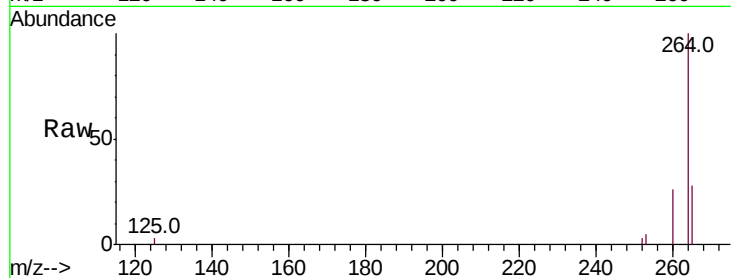


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE098922.D
 Acq: 13 Mar 2019 21:29

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306D-20190311

Tot Ion:	264	Resp:	7471
Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.2	31.8
265	28.1	24.6	36.8

