

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
 Data File : BE099225.D
 Acq On : 26 Mar 2019 21:21
 Operator : JU/SJ
 Sample : K2073-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P012-TW001-01

Quant Time: Mar 27 08:51:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3744	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	16173	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12208	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	35447	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	39504	0.40	ng	-0.01
34) Perylene-d12	23.89	264	34282	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	1914	0.17	ng	0.00
5) Phenol-d6	6.99	99	1745	0.10	ng	0.00
8) Nitrobenzene-d5	8.99	82	4803	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11983	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1724	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	21389	0.43	ng	0.00
25) Fluoranthene-d10	19.24	212	178093	0.41	ng	0.00
29) Terphenyl-d14	19.83	244	35139	0.41	ng	0.00

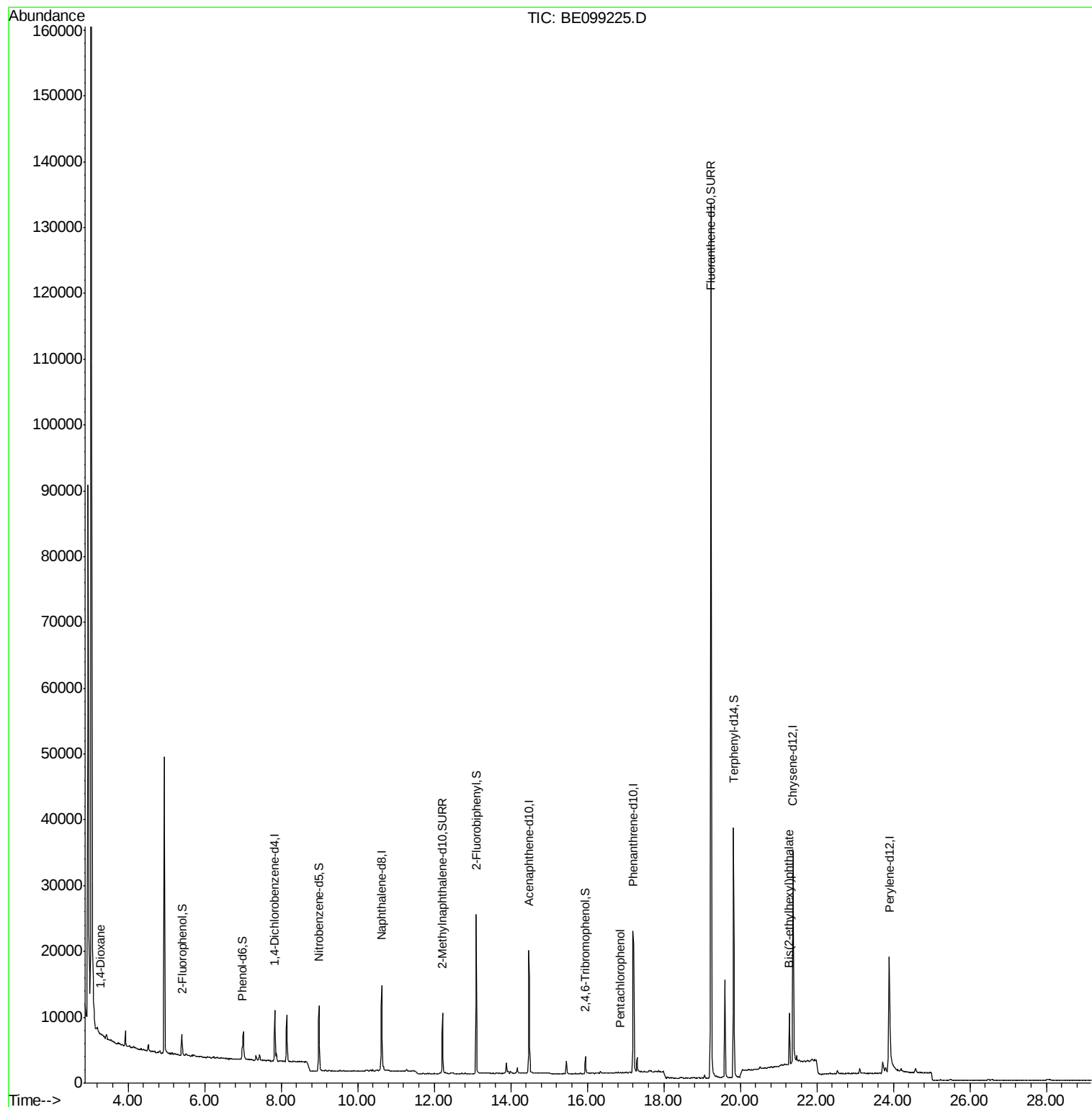
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	125	0.025	ng	# 30
22) Pentachlorophenol	16.87	266	44	0.252	ng	86
32) Bis(2-ethylhexyl)phthalate	21.28	149	10130	0.065	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. -0.01 min

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BNA_E

ClientSampleId :

P012-TW001-01

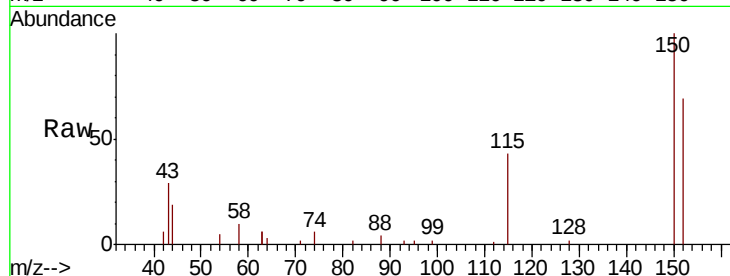
Tgt Ion: 152 Resp: 3744

Ion Ratio Lower Upper

152 100

150 145.8 112.8 169.2

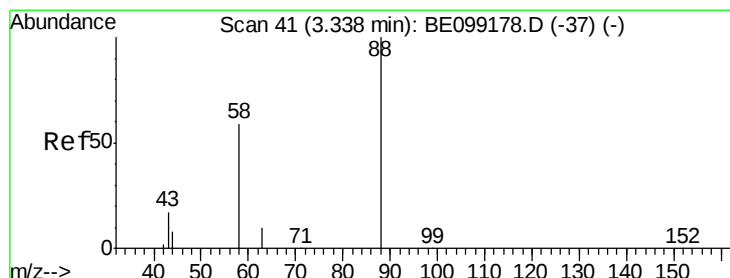
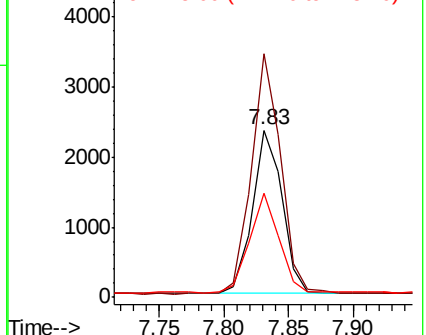
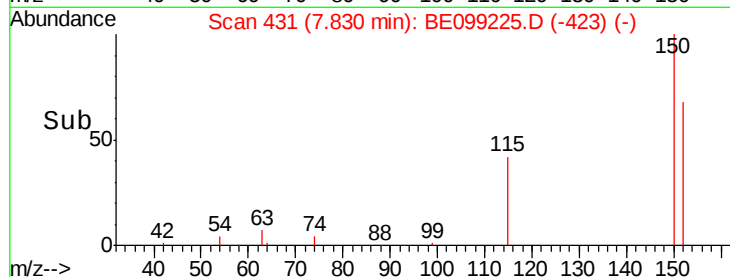
115 62.7 45.1 67.7



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: 0.025 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.07 min

Lab File: BE099225.D

Acq: 26 Mar 2019 21:21

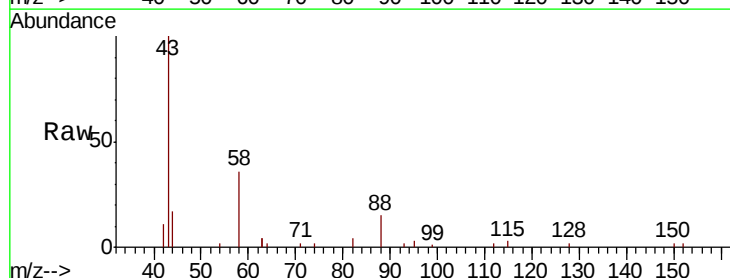
Tgt Ion: 88 Resp: 125

Ion Ratio Lower Upper

88 100

58 0.0 47.4 71.0#

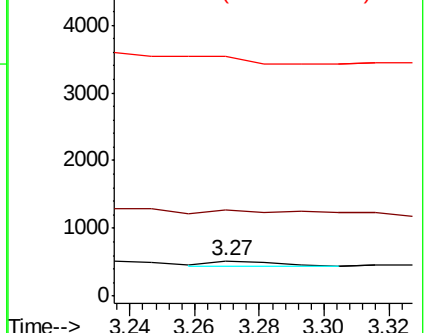
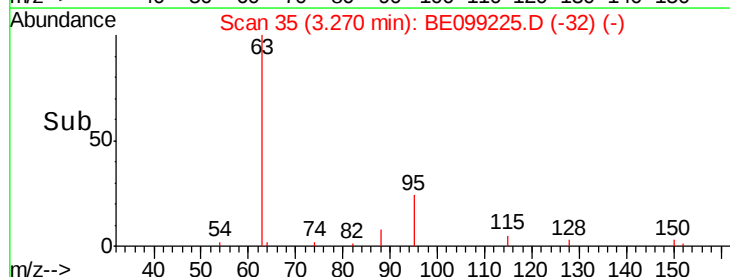
43 0.0 15.6 23.4#

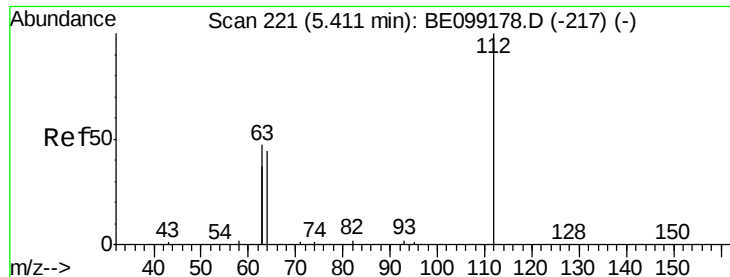


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.171 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099225.D

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Instrument :

BNA_E

ClientSampleId :

P012-TW001-01

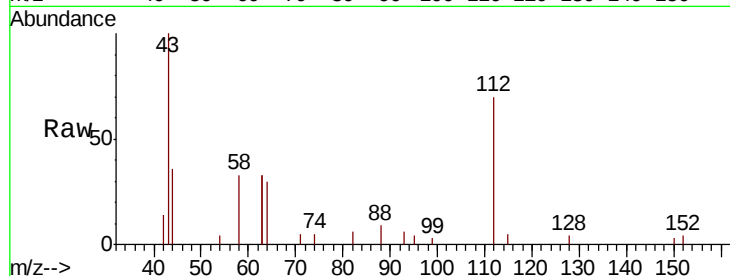
Tgt Ion: 112 Resp: 1914

Ion Ratio Lower Upper

112 100

64 56.7 46.2 69.2

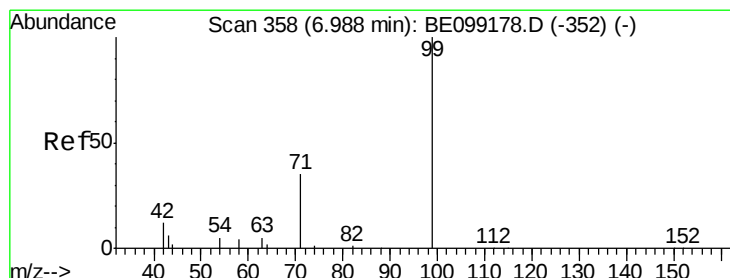
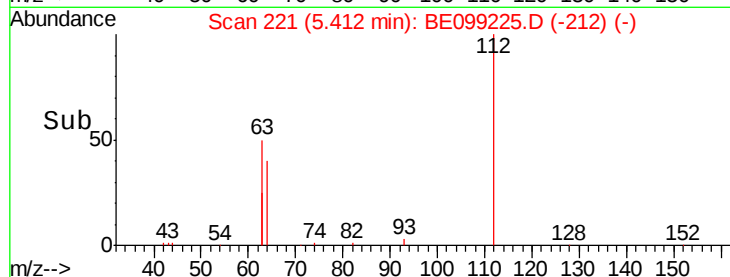
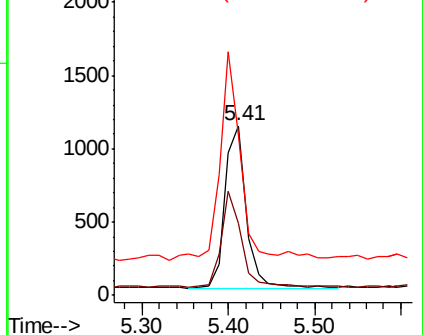
63 119.9 89.9 134.9



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: 0.102 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099225.D

Acq: 26 Mar 2019 21:21

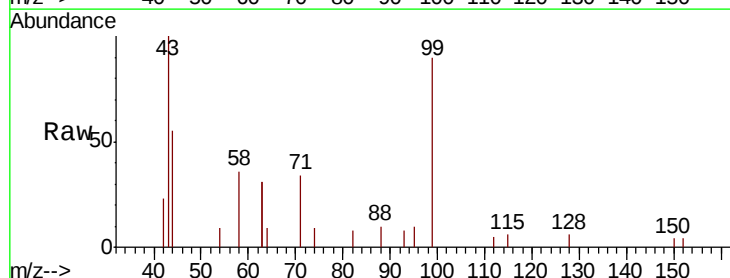
Tgt Ion: 99 Resp: 1745

Ion Ratio Lower Upper

99 100

42 21.6 12.4 18.6#

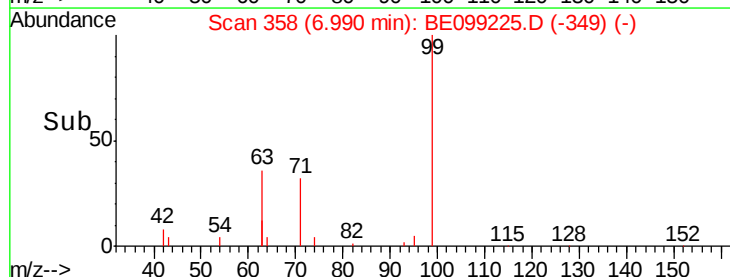
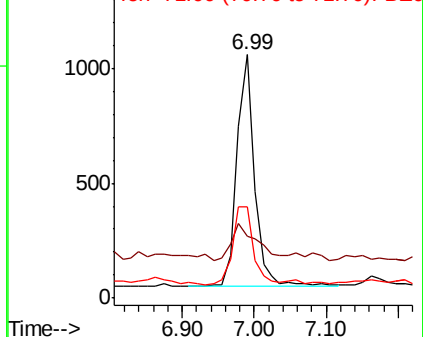
71 38.4 28.4 42.6

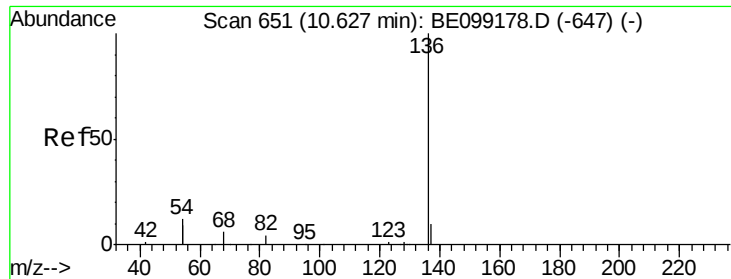


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099225.D

Acq: 26 Mar 2019 21:21

Instrument :

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Tgt Ion: 136 Resp: 16173

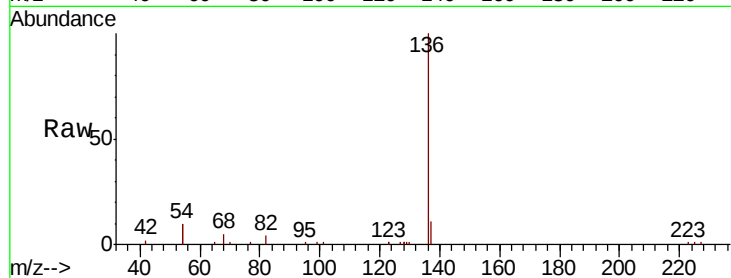
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 20.0 18.7 28.1

68 5.3 5.2 7.8

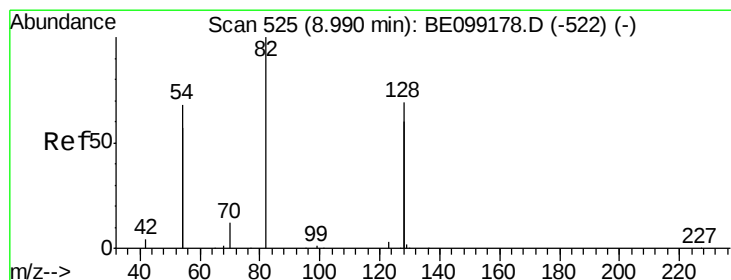
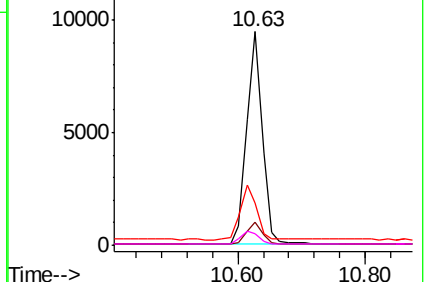
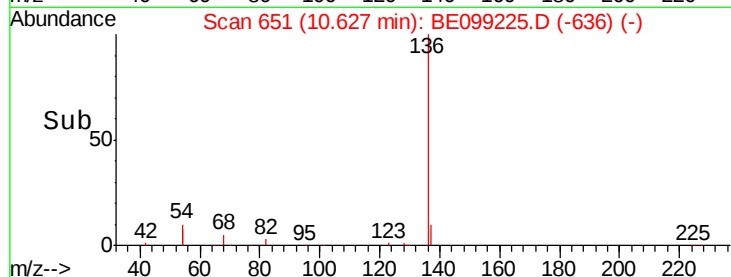


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099225.D

Acq: 26 Mar 2019 21:21

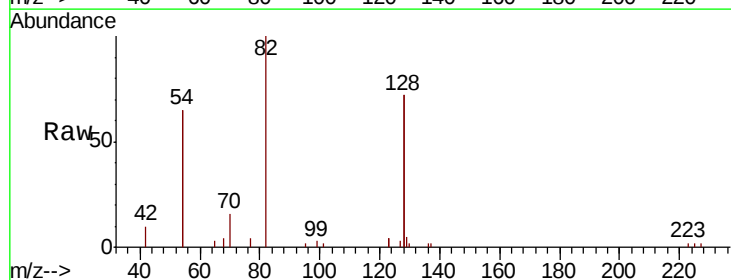
Tgt Ion: 82 Resp: 4803

Ion Ratio Lower Upper

82 100

128 144.2 107.5 161.3

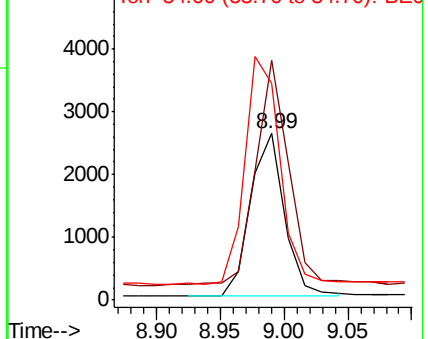
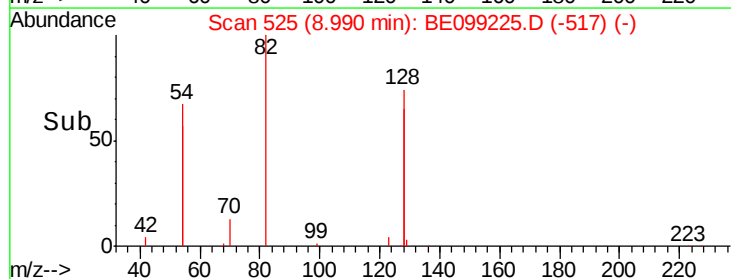
54 130.5 106.3 159.5

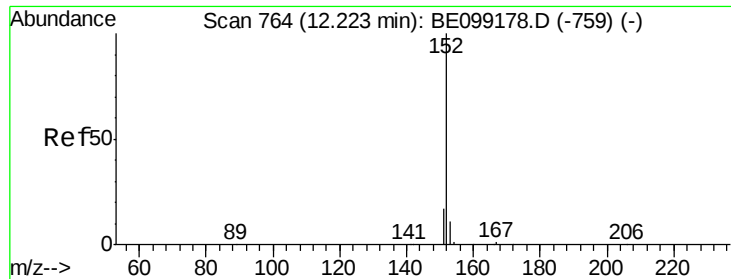


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

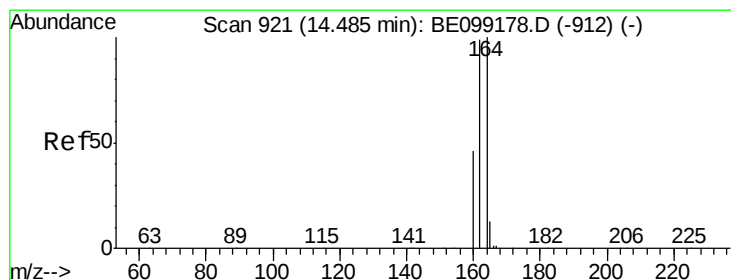
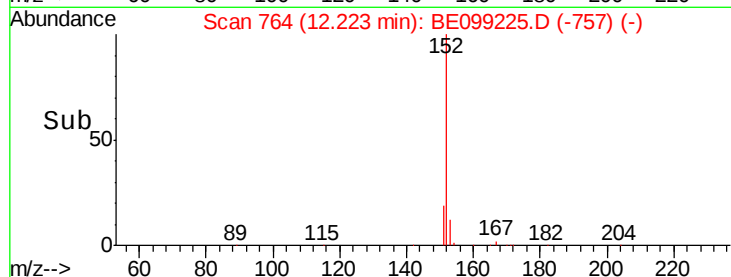
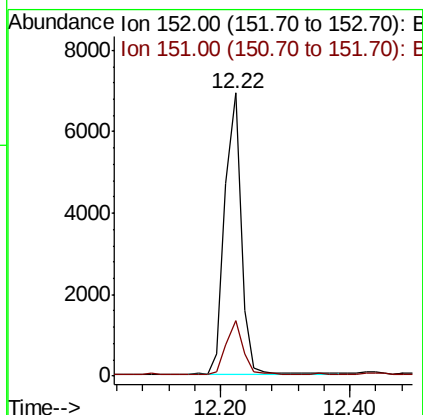
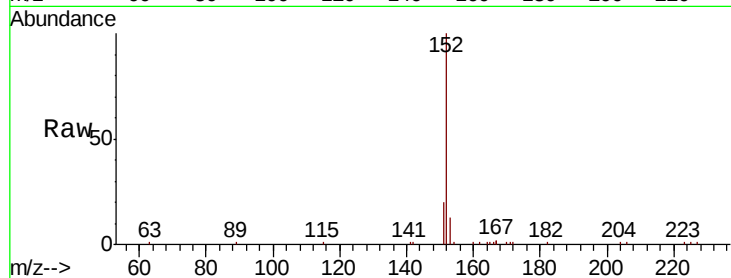




#11
 2-Methylnaphthalene-d10
 Concen: 0.385 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099225.D
 Acq: 26 Mar 2019 21:21

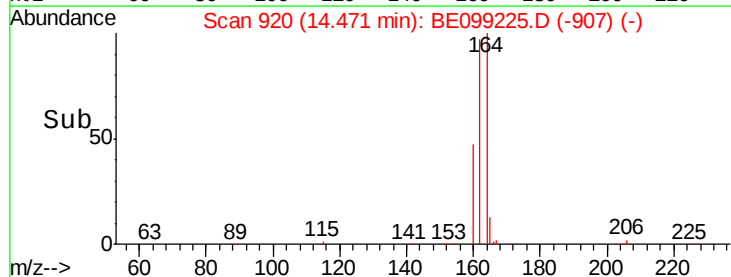
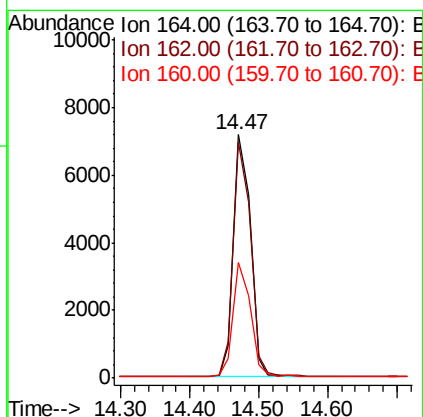
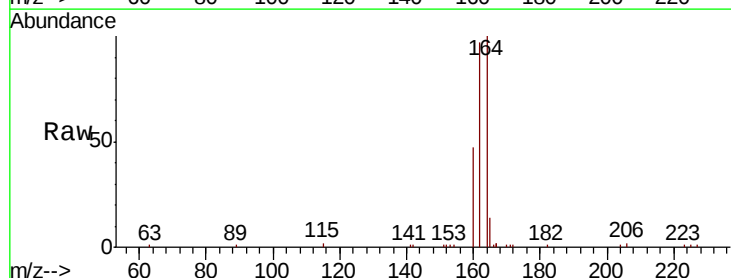
Instrument :
 BNA_E
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 P012-TW001-01

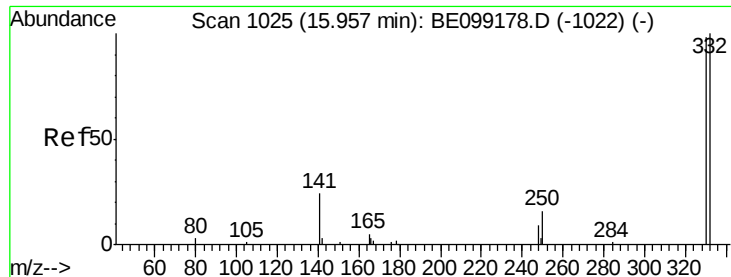
Tgt Ion:152 Resp: 11983
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BE099225.D
 Acq: 26 Mar 2019 21:21

Tgt Ion:164 Resp: 12208
 Ion Ratio Lower Upper
 164 100
 162 97.0 79.2 118.8
 160 47.4 36.7 55.1

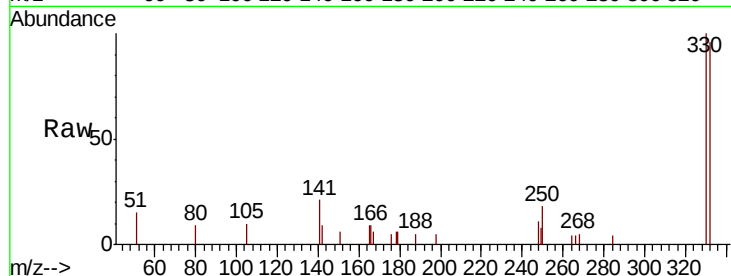




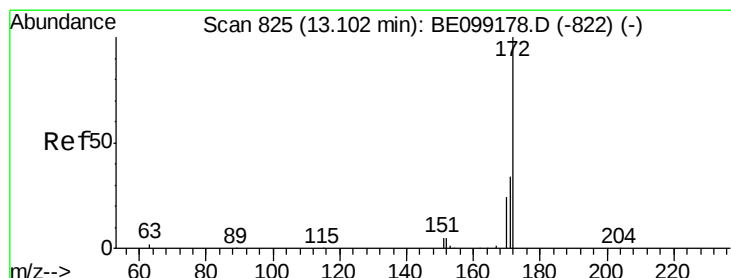
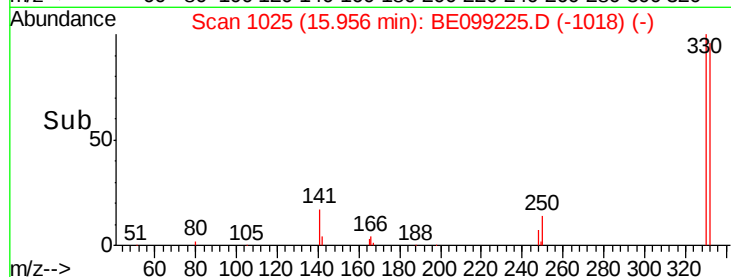
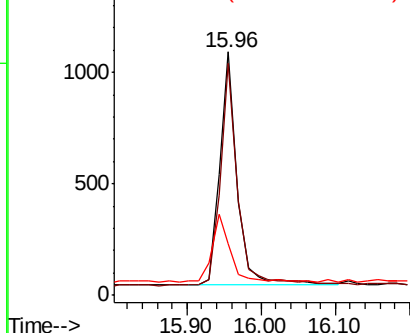
#14
 2,4,6-Tribromophenol
 Concen: 0.477 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE099225.D
 Acq: 26 Mar 2019 21:21

Instrument :
 BNA_E
 ClientSampleId :
 P012-TW001-01

Tgt Ion:330 Resp: 1724
 Ion Ratio Lower Upper
 330 100
 332 95.4 71.3 106.9
 141 31.8 21.7 32.5

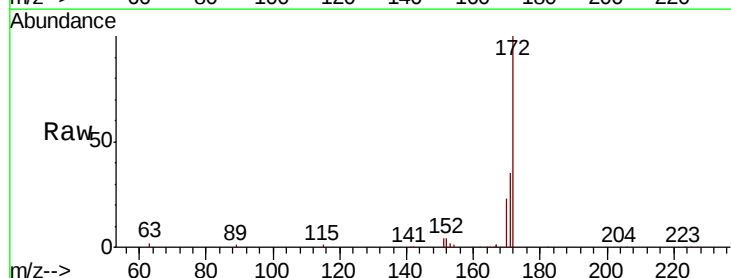


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

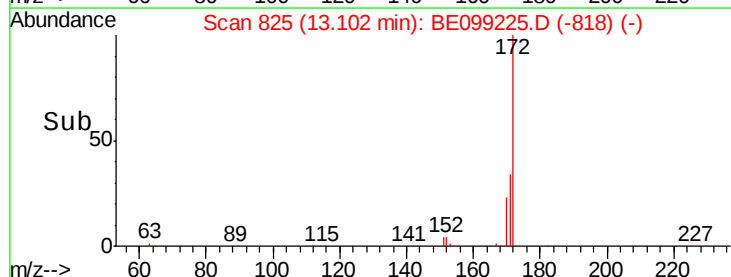
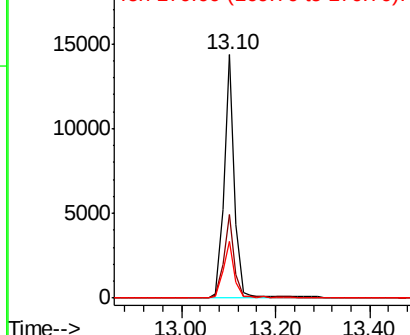


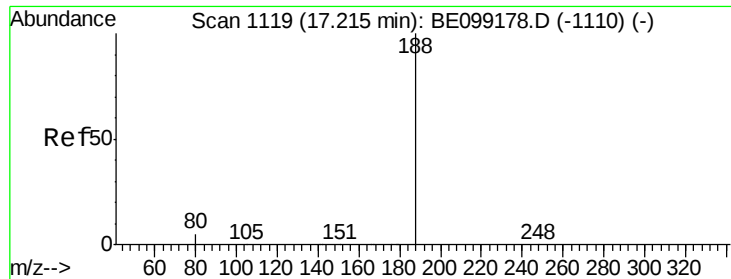
#15
 2-Fluorobiphenyl
 Concen: 0.430 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099225.D
 Acq: 26 Mar 2019 21:21

Tgt Ion:172 Resp: 21389
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.4 41.0
 170 23.3 19.1 28.7



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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099225.D

Acq: 26 Mar 2019 21:21

Instrument :

BNA_E

ClientSampleId :

P012-TW001-01

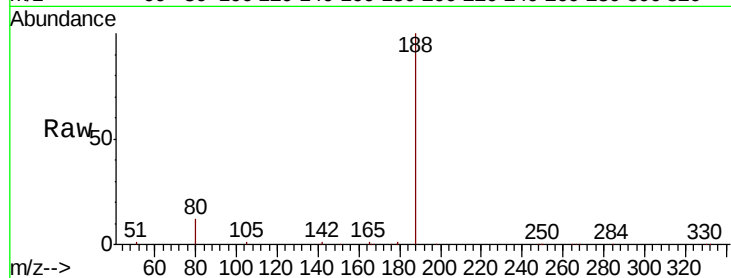
Tgt Ion:188 Resp: 35447

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

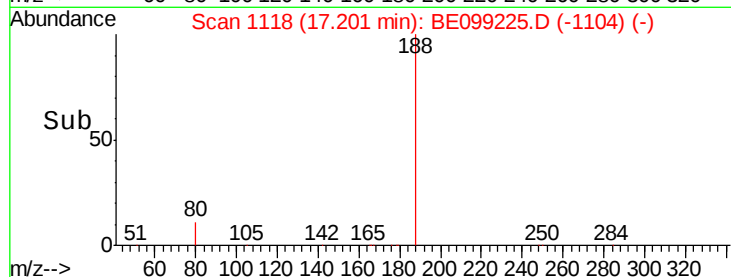
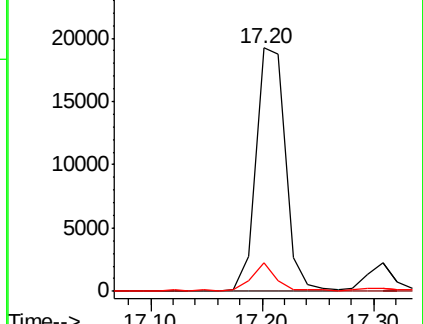
80 11.8 4.5 6.7#



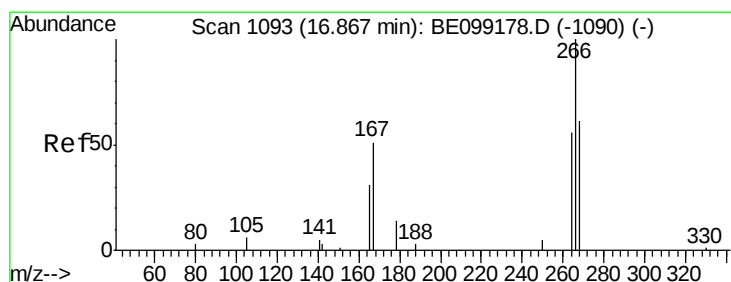
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#22

Pentachlorophenol

Concen: 0.252 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE099225.D

Acq: 26 Mar 2019 21:21

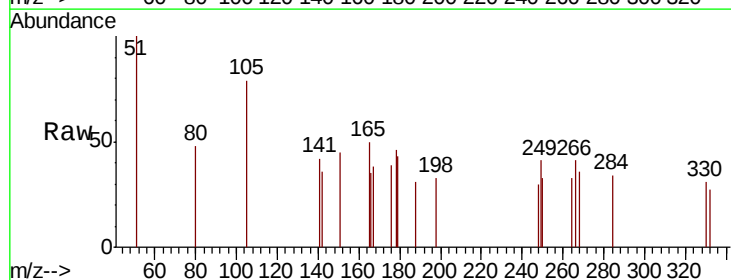
Tgt Ion:266 Resp: 44

Ion Ratio Lower Upper

266 100

264 81.2 54.4 81.6

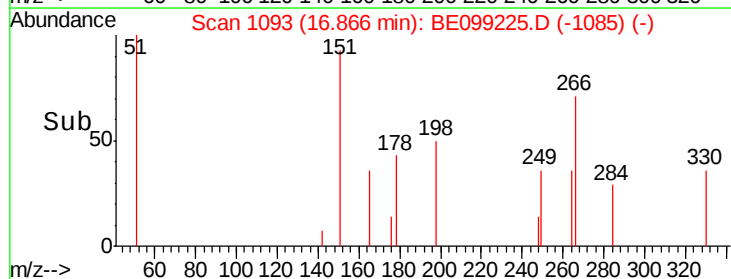
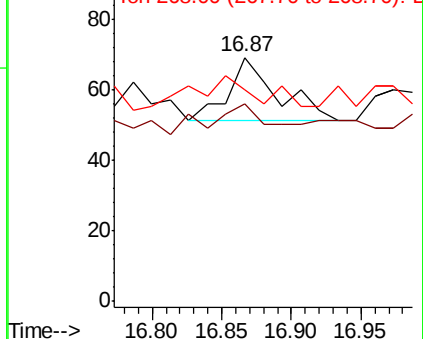
268 87.0 61.3 91.9



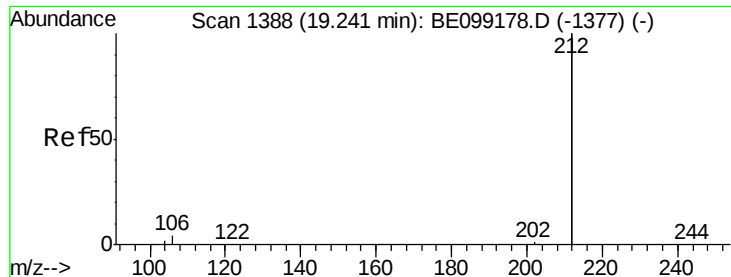
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.415 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099225.D

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ClientSampleId :

P012-TW001-01

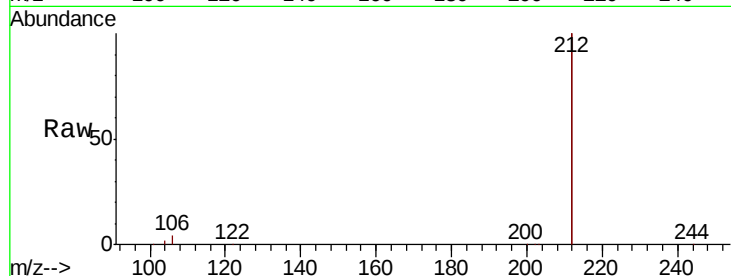
Tgt Ion:212 Resp: 178093

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

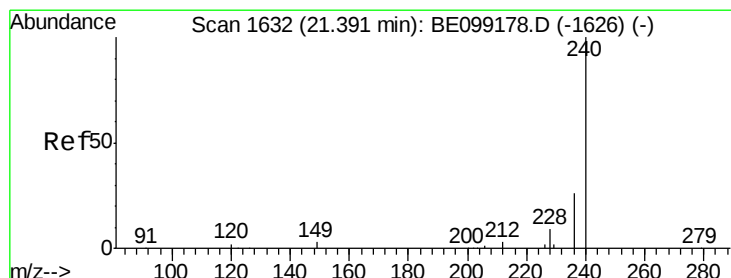
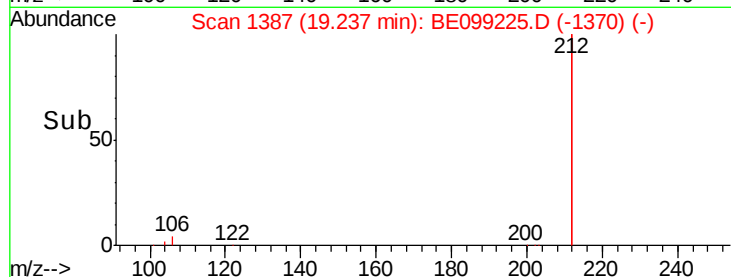
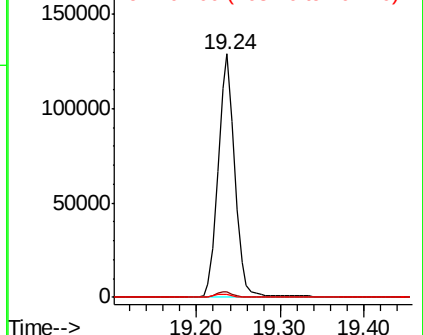
104 1.3 1.1 1.7



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: 21.38 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BE099225.D

Acq: 26 Mar 2019 21:21

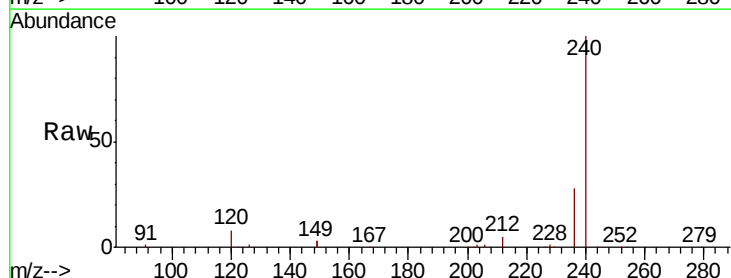
Tgt Ion:240 Resp: 39504

Ion Ratio Lower Upper

240 100

120 8.0 2.6 3.8#

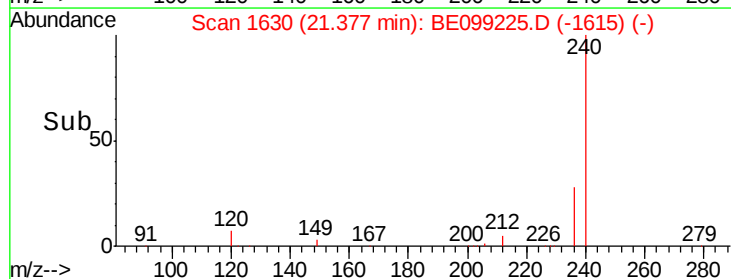
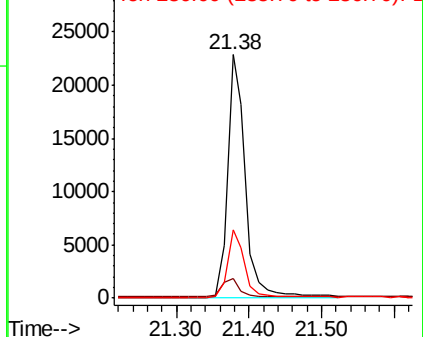
236 27.8 20.9 31.3

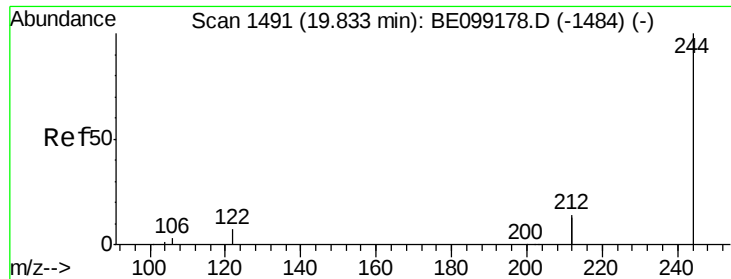


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE099225.D

Acq: 26 Mar 2019 21:21

Instrument :

BNA_E

ClientSampleId :

P012-TW001-01

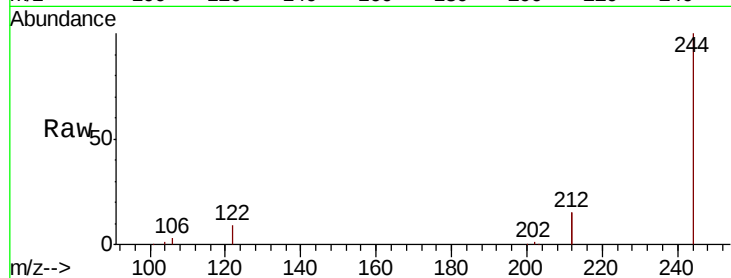
Tgt Ion:244 Resp: 35139

Ion Ratio Lower Upper

244 100

212 30.7 22.7 34.1

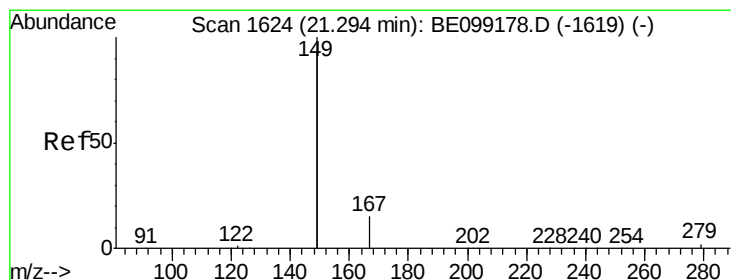
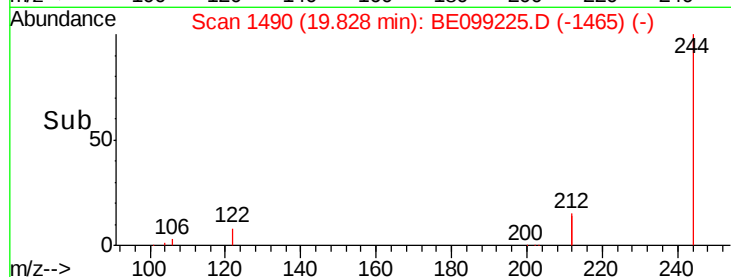
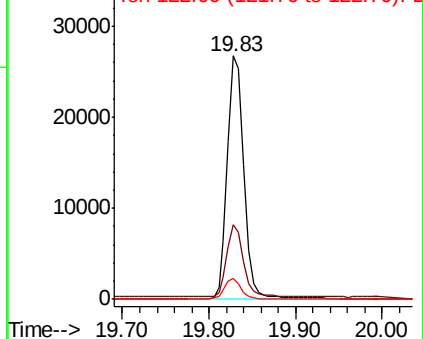
122 8.6 5.8 8.6



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: 0.065 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE099225.D

Acq: 26 Mar 2019 21:21

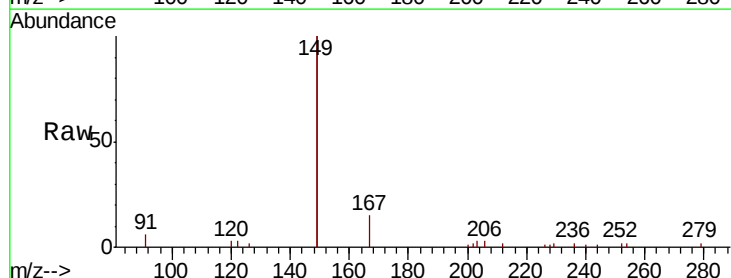
Tgt Ion:149 Resp: 10130

Ion Ratio Lower Upper

149 100

167 7.9 5.9 8.9

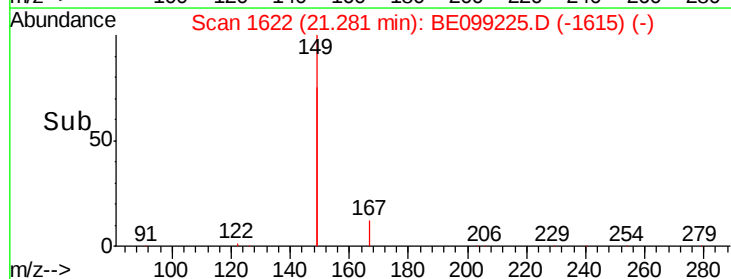
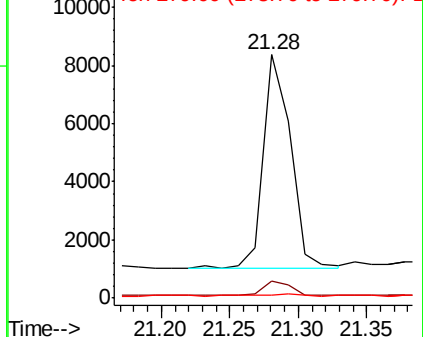
279 1.4 1.0 1.6

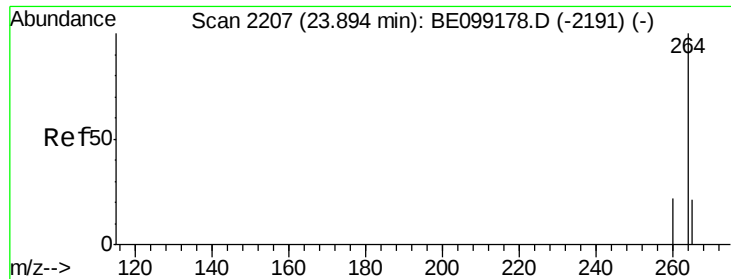


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.89 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE099225.D
Acq: 26 Mar 2019 21:21

Instrument :
BNA_E
ClientSampleId :
P012-TW001-01

Tgt Ion: 264 Resp: 34282
Ion Ratio Lower Upper
264 100
260 25.3 18.2 27.2
265 26.4 21.8 32.8

