

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099740.D
 Acq On : 24 May 2019 13:47
 Operator : JU/SJ
 Sample : K3010-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 24 21:33:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

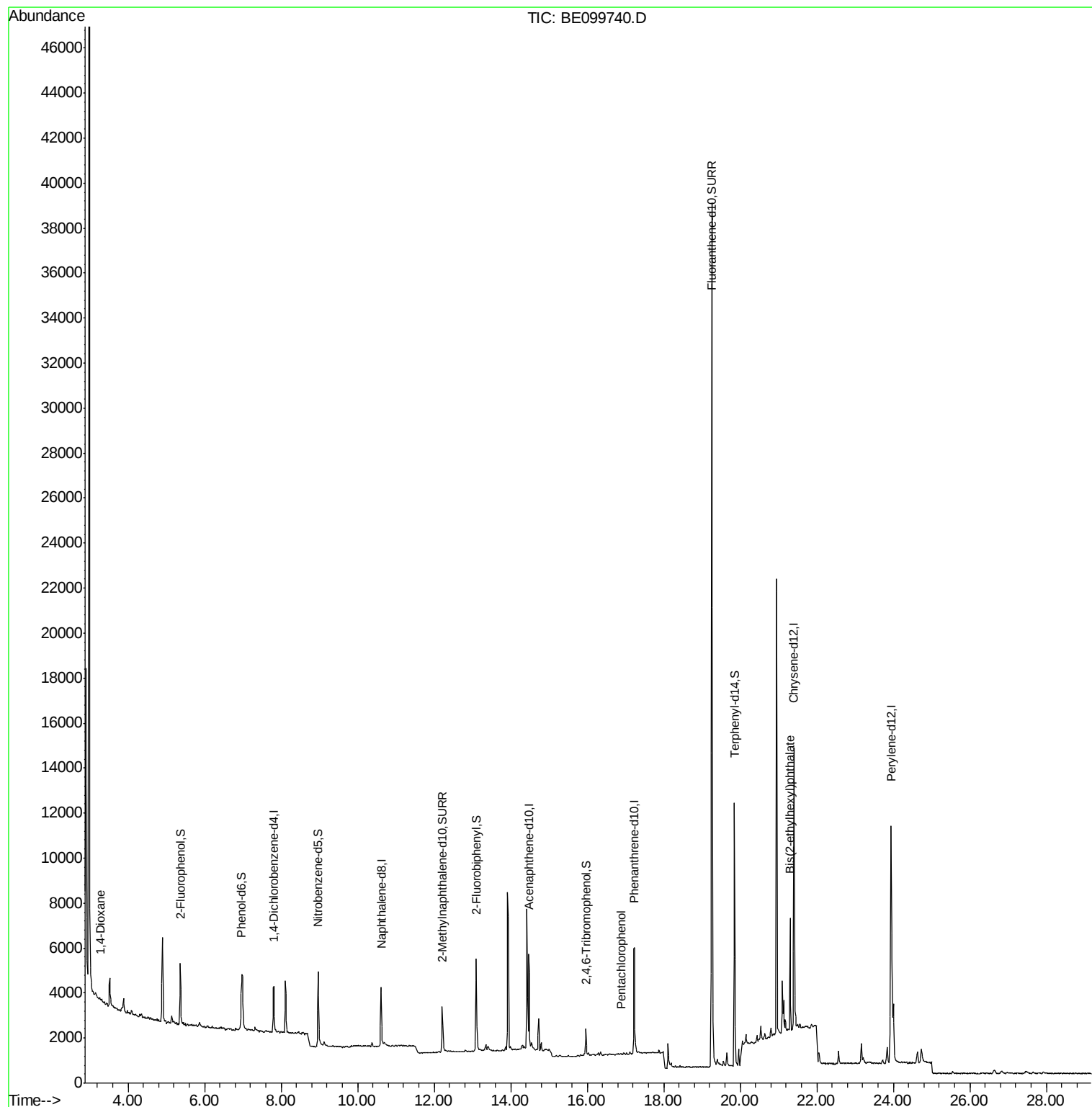
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1190	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	4028	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3028	0.40	ng	-0.02
19) Phenanthrene-d10	17.23	188	9049	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14060	0.40	ng	-0.01
34) Perylene-d12	23.94	264	17102	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1514	0.50	ng	-0.01
5) Phenol-d6	6.96	99	2103	0.53	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1750	0.50	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3091	0.44	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	854	0.50	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4861	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	54498	0.44	ng	-0.01
29) Terphenyl-d14	19.85	244	11412	0.45	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.27	88	46	0.026	ng	# 34
22) Pentachlorophenol	16.88	266	18	0.192	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.31	149	5328	0.116	ng	98

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

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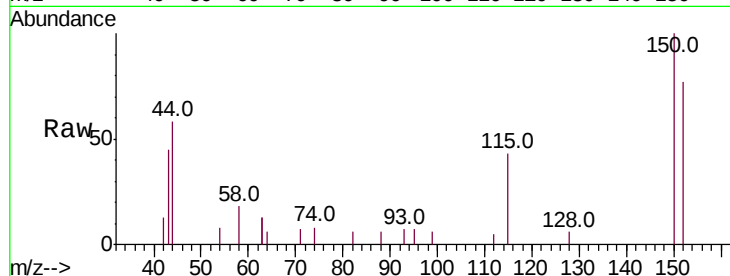


#1

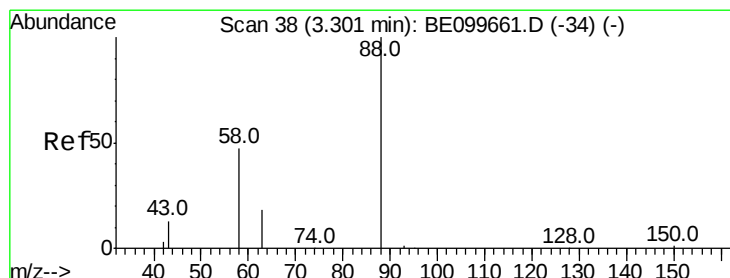
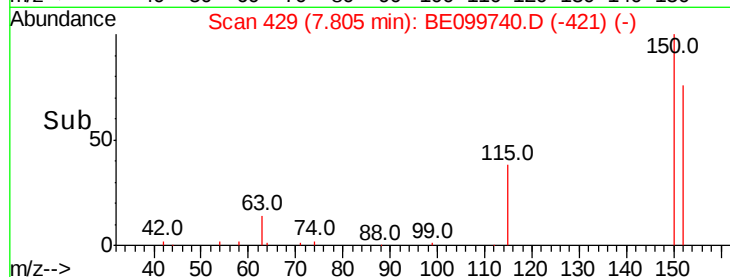
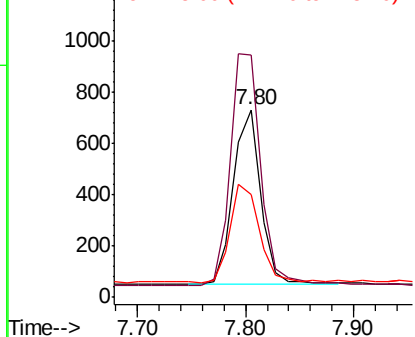
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099740.D
Acq: 24 May 2019 13:47

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1190
Ion Ratio Lower Upper
152 100
150 129.5 109.2 163.8
115 55.1 43.7 65.5



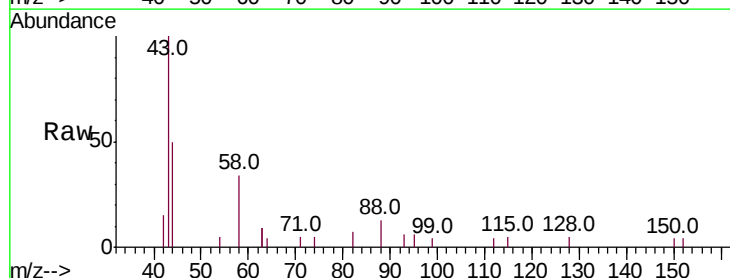
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



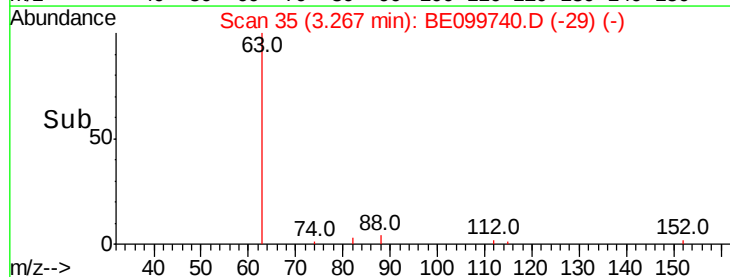
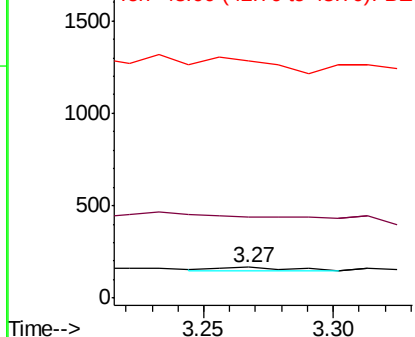
#2

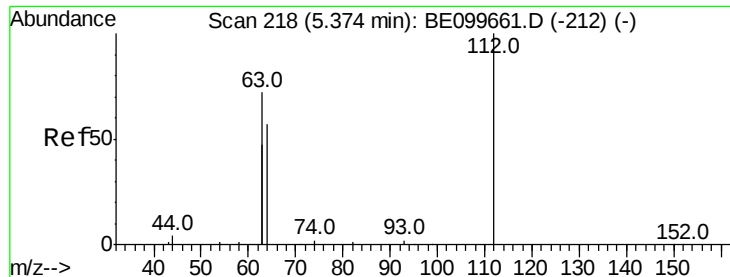
1,4-Dioxane
Concen: 0.026 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.03 min
Lab File: BE099740.D
Acq: 24 May 2019 13:47

Tgt Ion: 88 Resp: 46
Ion Ratio Lower Upper
88 100
58 0.0 41.8 62.8#
43 0.0 15.0 22.4#



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: 0.503 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

Instrument :

BNA_E

ClientSampleId :

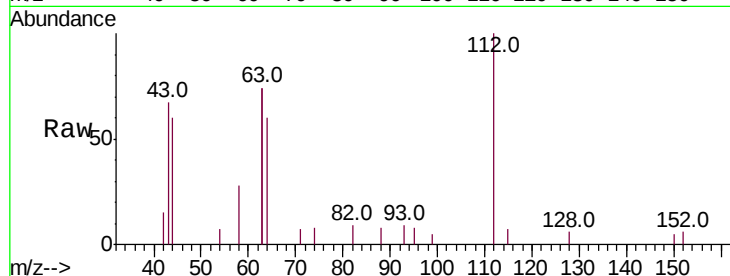
Tot Ion:112 Resp: 1514

Ion Ratio Lower Upper

112 100

64 56.7 43.4 65.2

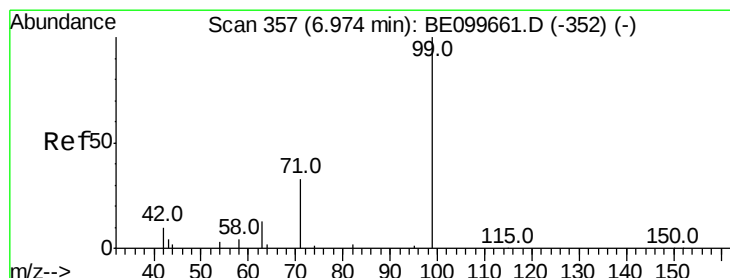
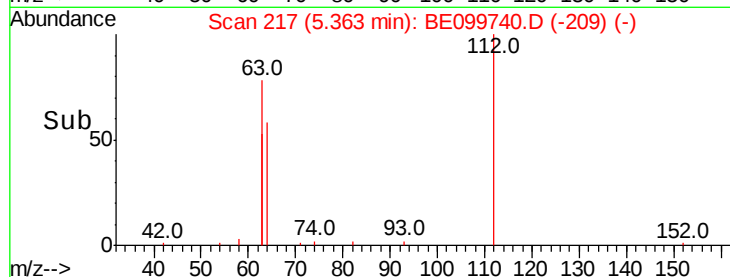
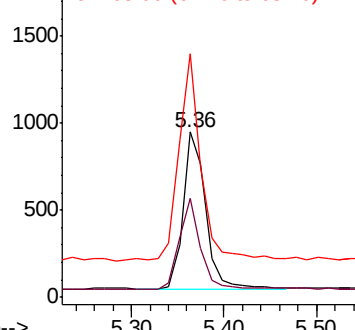
63 130.3 96.9 145.3



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: 0.528 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

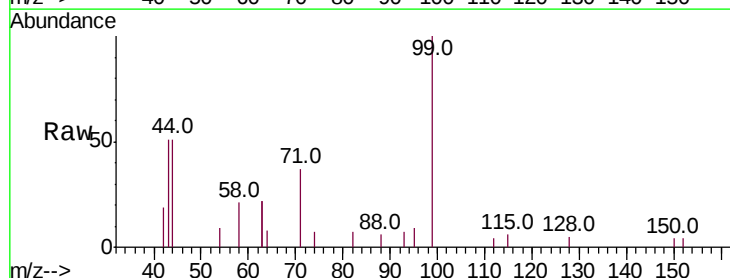
Tgt Ion: 99 Resp: 2103

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

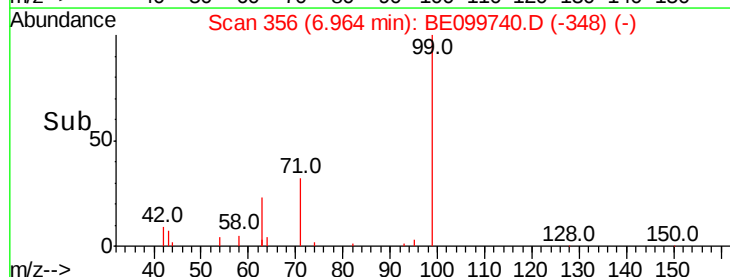
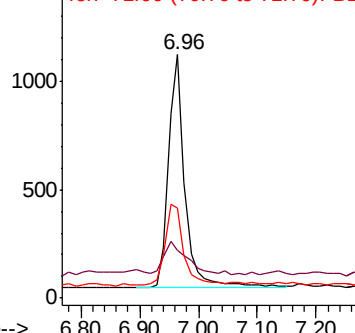
71 38.3 28.9 43.3

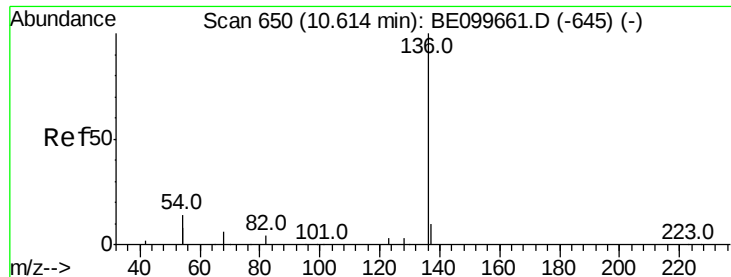


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4028

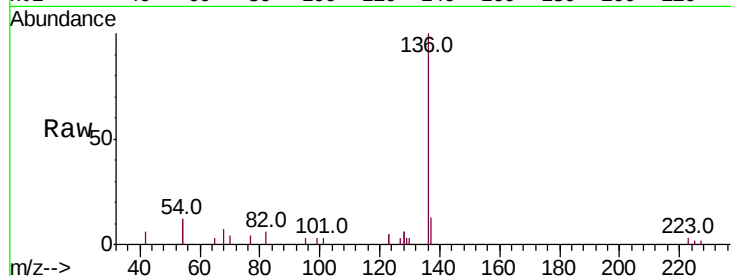
Ion Ratio Lower Upper

136 100

137 13.3 9.0 13.6

54 24.2 22.3 33.5

68 7.2 6.0 9.0

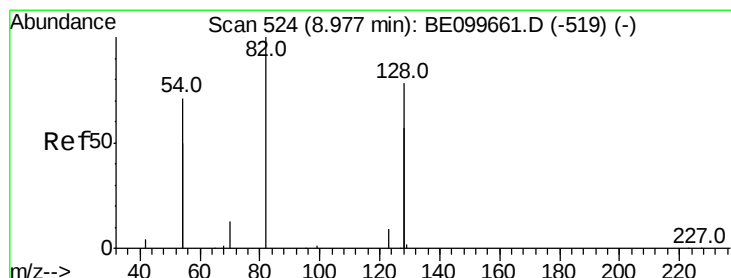
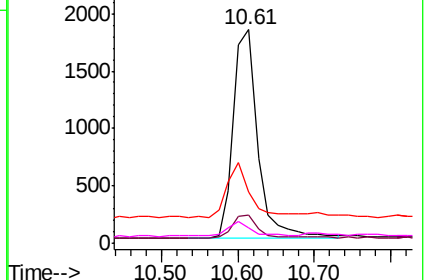
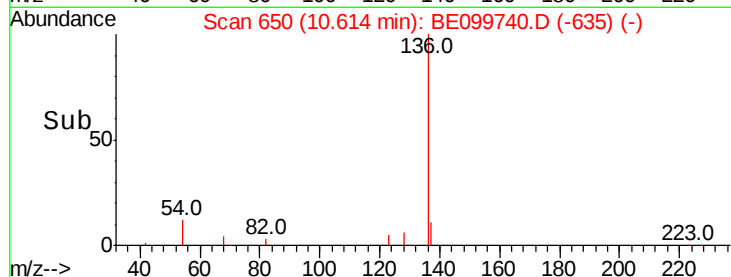


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.502 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

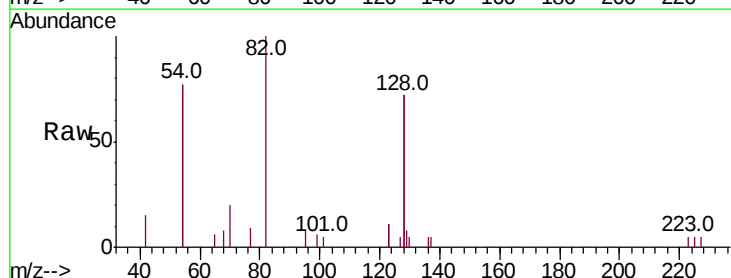
Tgt Ion: 82 Resp: 1750

Ion Ratio Lower Upper

82 100

128 144.6 117.7 176.5

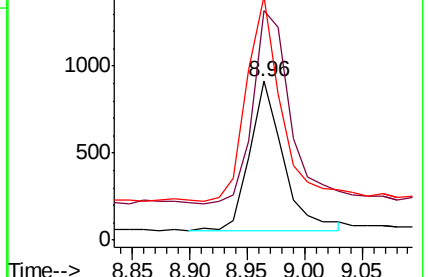
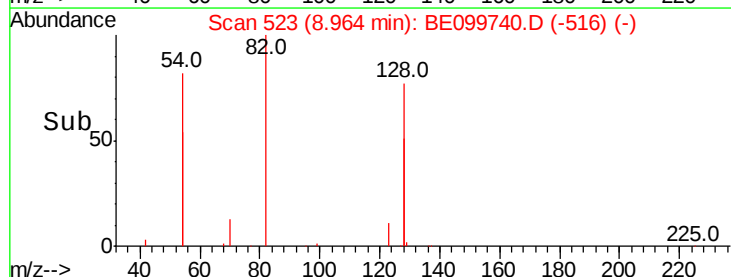
54 153.2 106.6 160.0

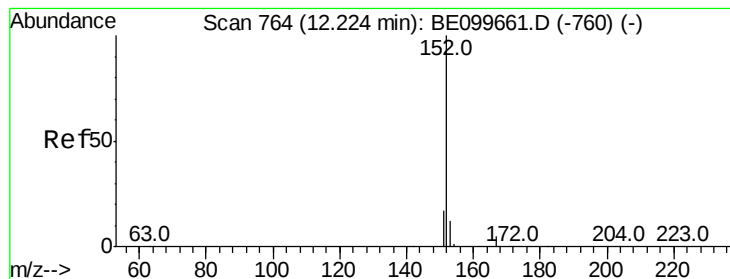


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.445 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

Instrument :

BNA_E

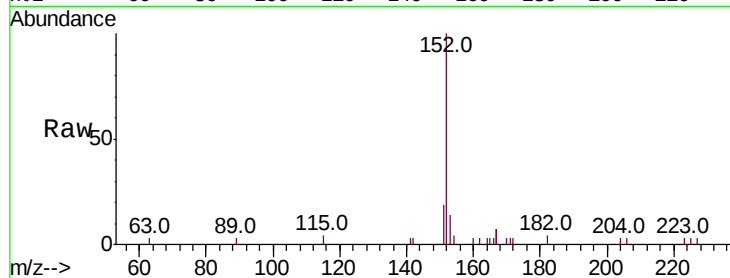
ClientSampleId :

Tot Ion:152 Resp: 3091

Ion Ratio Lower Upper

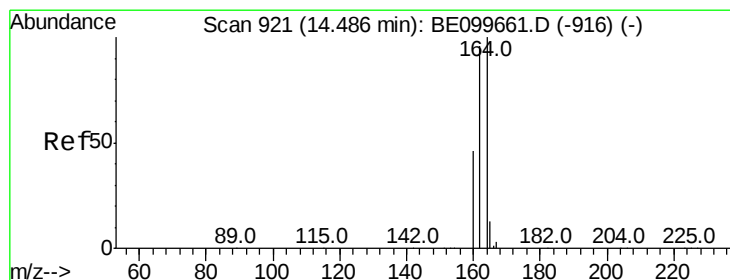
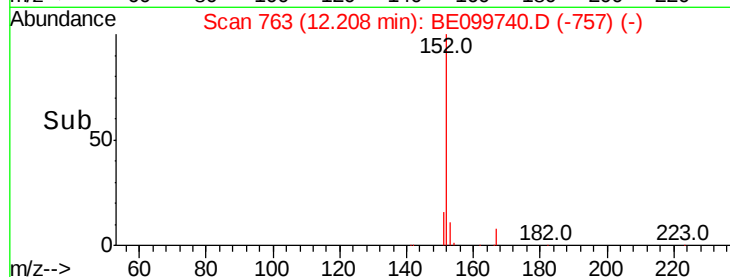
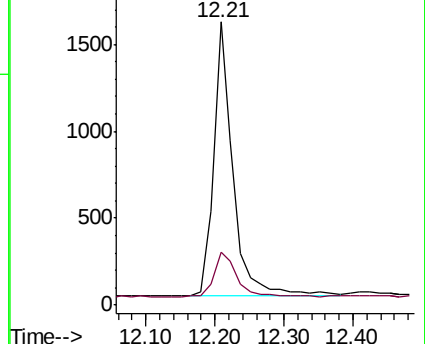
152 100

151 18.7 15.0 22.4



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# 920

Delta R.T. -0.02 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

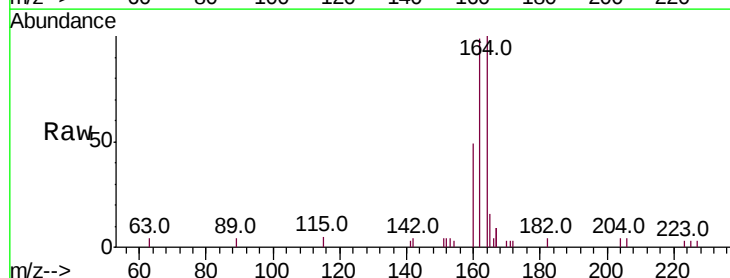
Tgt Ion:164 Resp: 3028

Ion Ratio Lower Upper

164 100

162 99.1 76.5 114.7

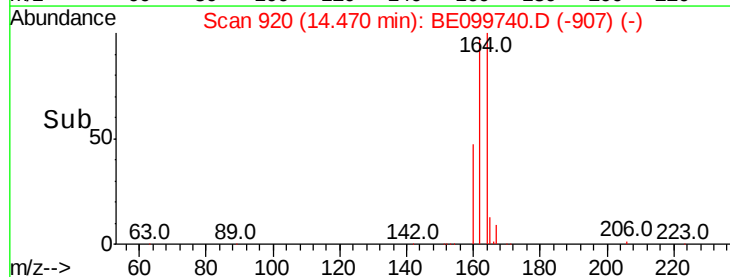
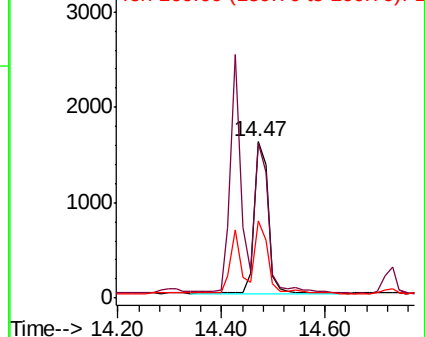
160 49.2 37.4 56.2

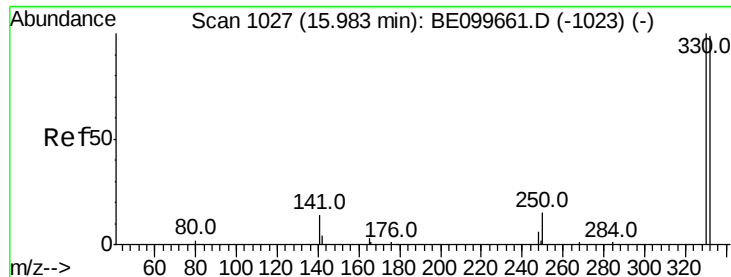


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.497 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

Instrument :

BNA_E

ClientSampleId :

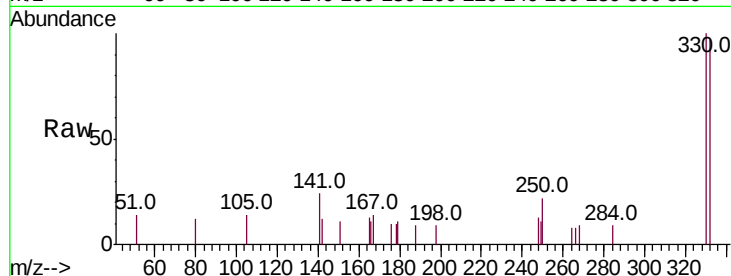
Tot Ion:330 Resp: 854

Ion Ratio Lower Upper

330 100

332 99.8 77.3 115.9

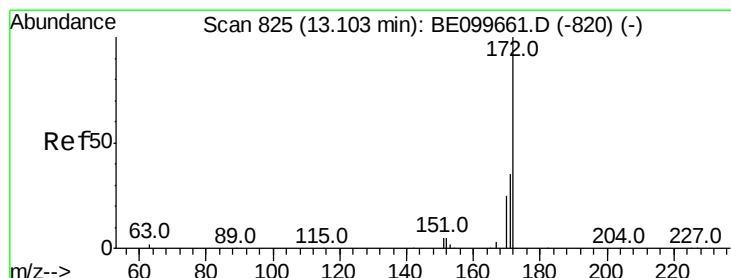
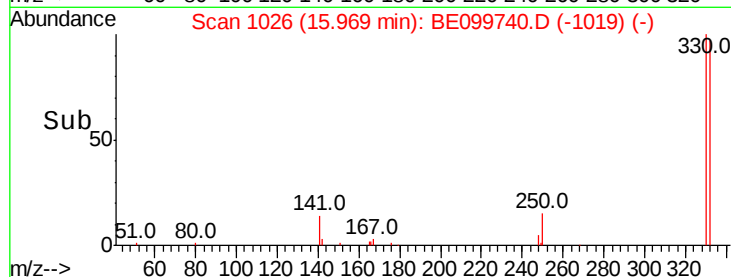
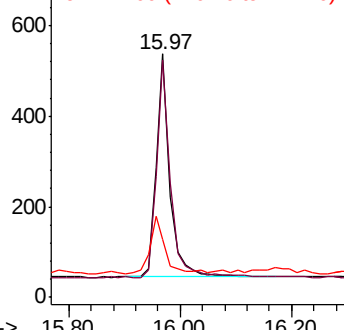
141 26.9 18.9 28.3



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: 0.423 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

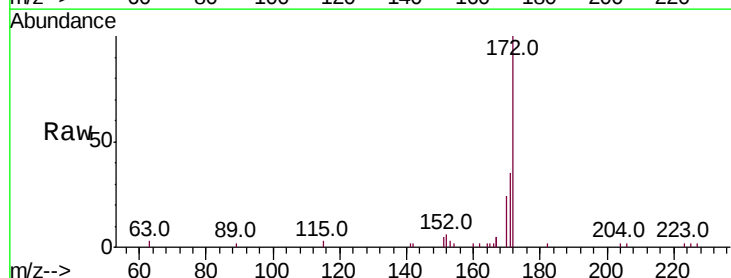
Tgt Ion:172 Resp: 4861

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

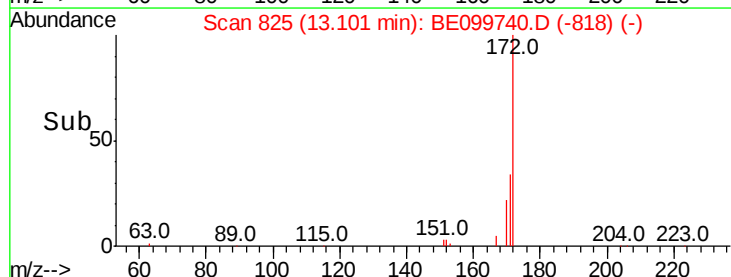
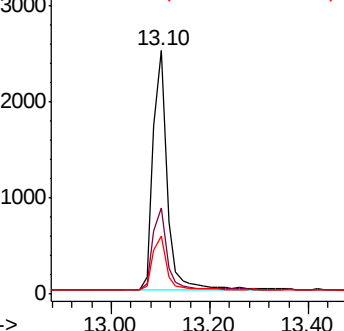
170 23.9 20.9 31.3

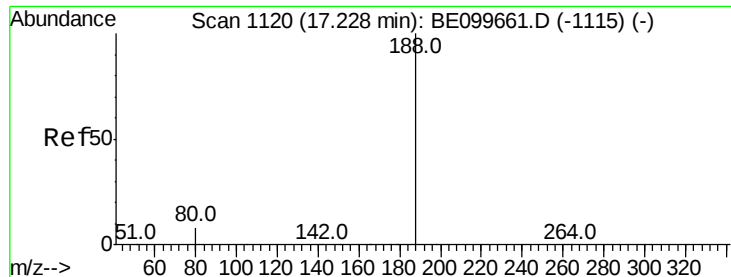


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

Instrument :

BNA_E

ClientSampleId :

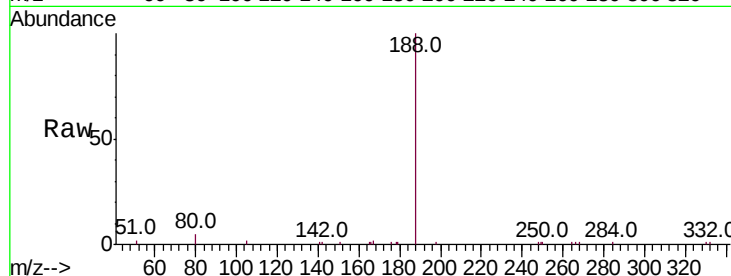
Tot Ion:188 Resp: 9049

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

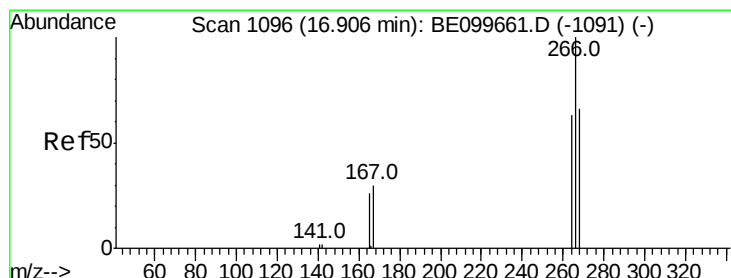
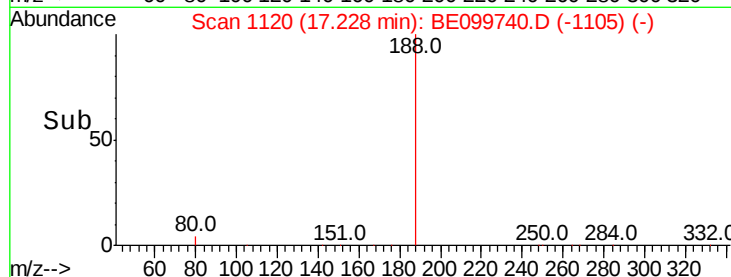
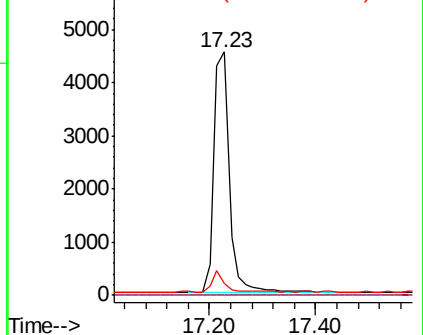
80 5.1 6.7 10.1#



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: 0.192 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

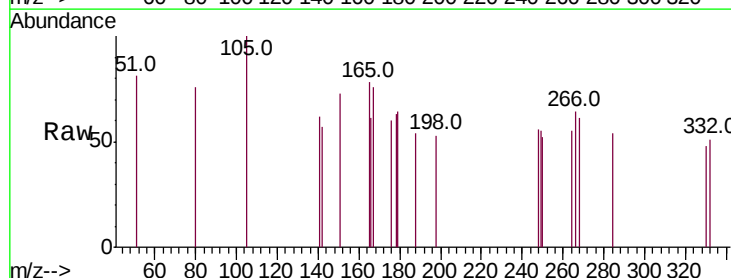
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 86.0 57.2 85.8#

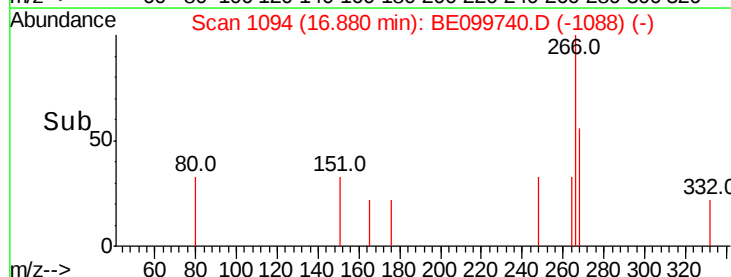
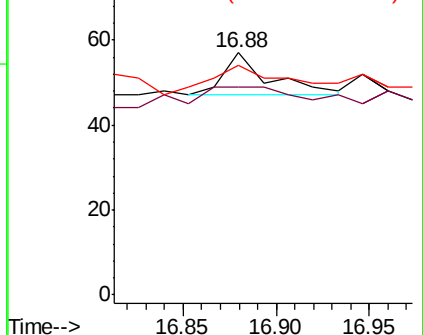
268 94.7 60.5 90.7#

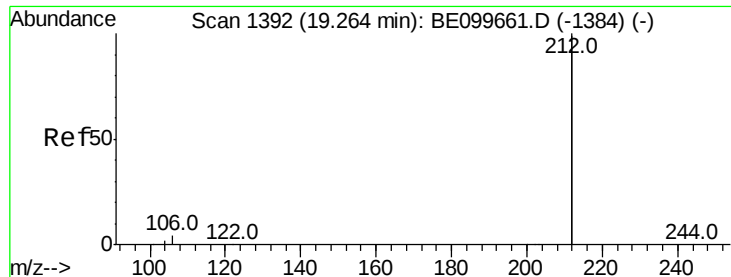


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.441 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

Instrument :

BNA_E

ClientSampleId :

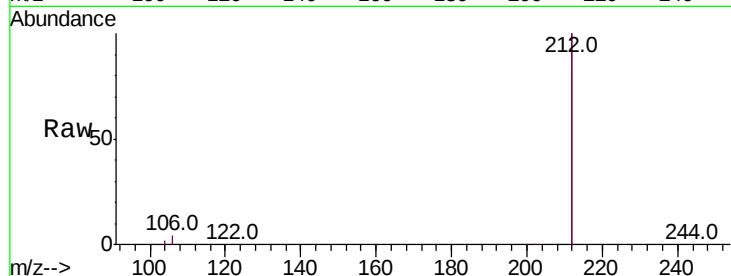
Tot Ion:212 Resp: 54498

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

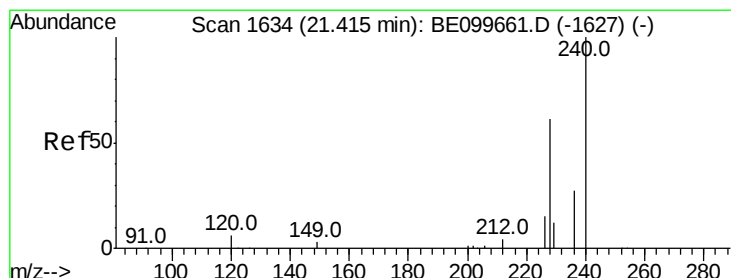
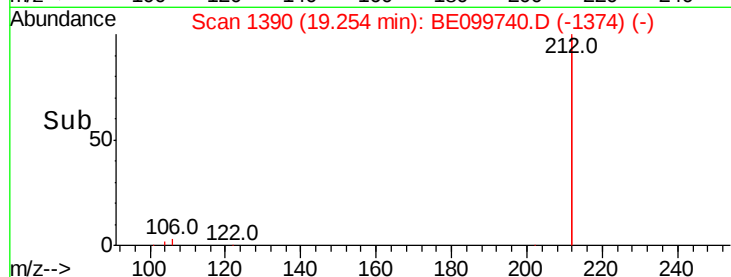
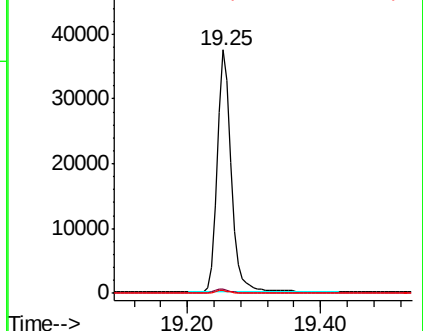
104 1.0 0.8 1.2



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. -0.01 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

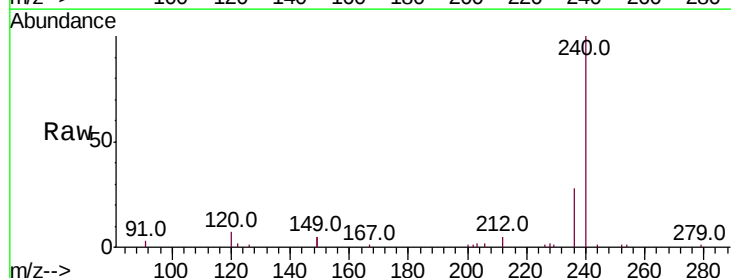
Tgt Ion:240 Resp: 14060

Ion Ratio Lower Upper

240 100

120 7.0 5.4 8.0

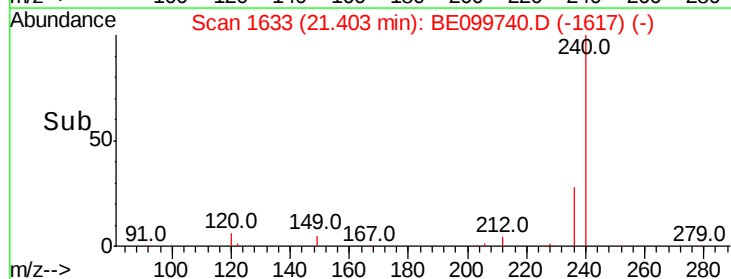
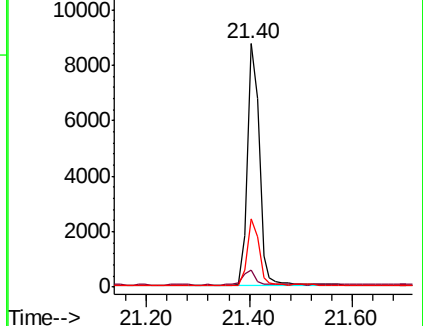
236 28.2 21.7 32.5

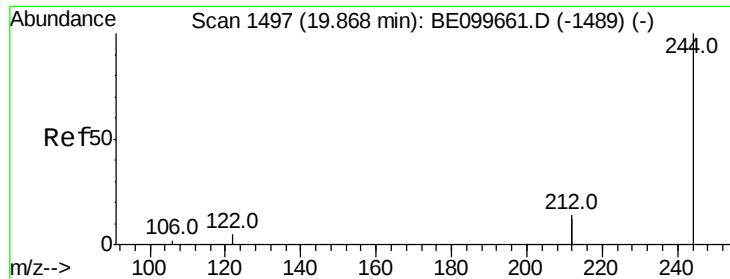


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.455 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

Instrument :

BNA_E

ClientSampleId :

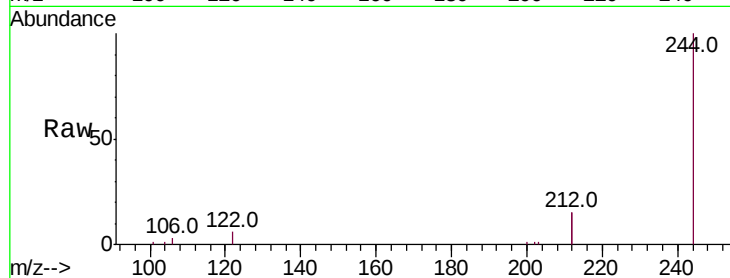
Tot Ion:244 Resp: 11412

Ion Ratio Lower Upper

244 100

212 29.8 22.5 33.7

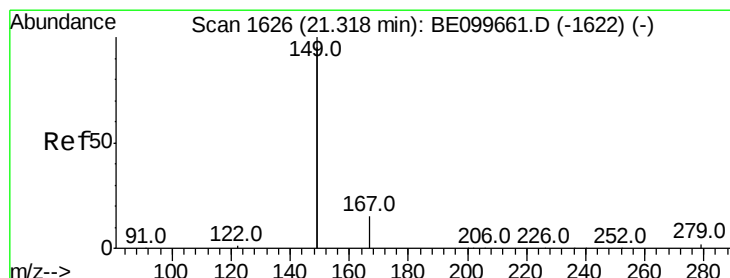
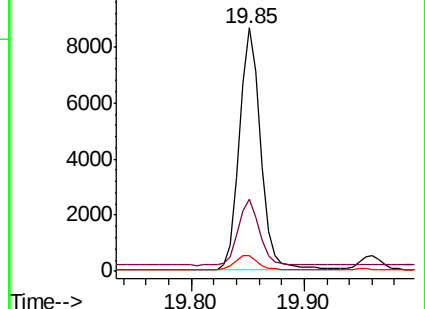
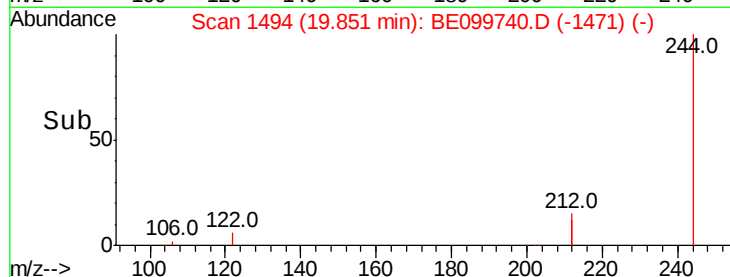
122 6.4 4.3 6.5



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: 0.116 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

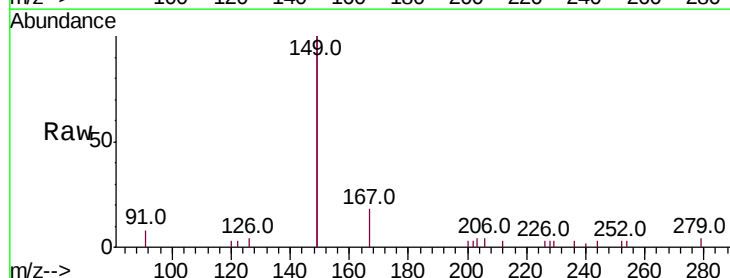
Tgt Ion:149 Resp: 5328

Ion Ratio Lower Upper

149 100

167 8.4 6.2 9.4

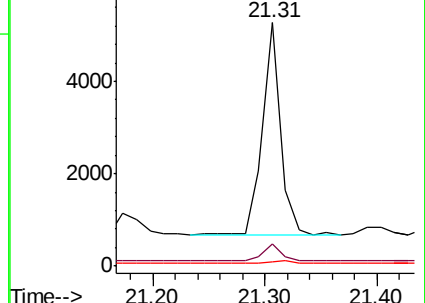
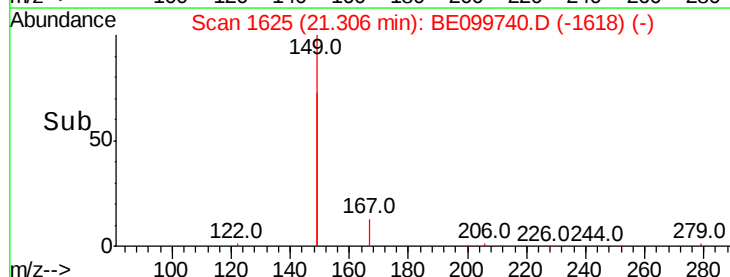
279 1.6 1.2 1.8

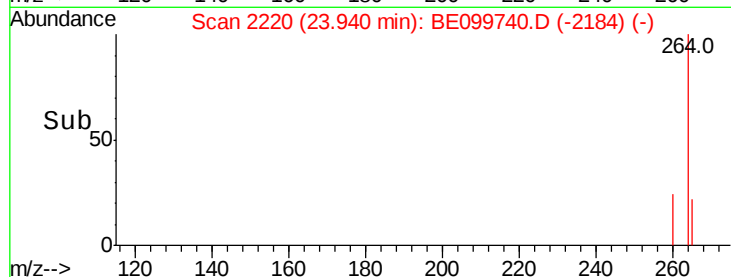
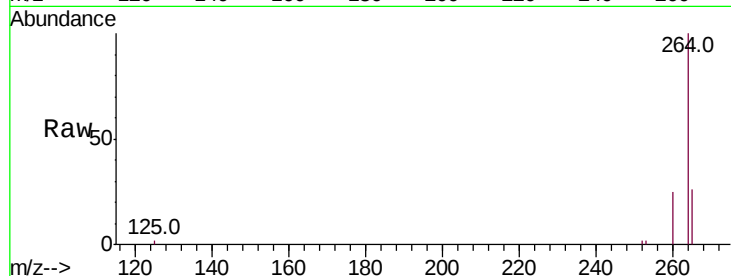
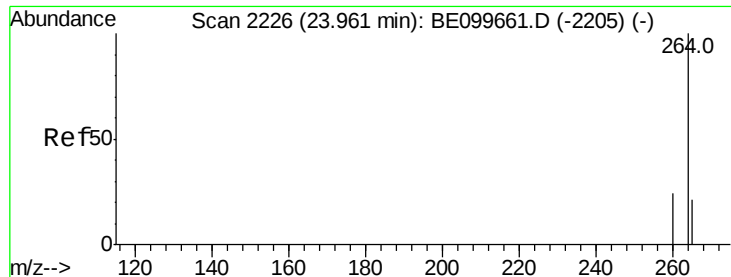


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.94 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BE099740.D

Acq: 24 May 2019 13:47

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 17102

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 26.3 19.1 28.7

