

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099769.D
 Acq On : 28 May 2019 22:33
 Operator : JU/SJ
 Sample : K2966-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 29 04:11:28 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	7.81	152	1200	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4137	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2985	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9052	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15274	0.40	ng	0.00
34) Perylene-d12	23.94	264	18545	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	1312	0.43	ng	0.00
5) Phenol-d6	6.97	99	1769	0.44	ng	0.00
8) Nitrobenzene-d5	8.98	82	1164	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2461	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	777	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3770	0.33	ng	0.00
25) Fluoranthene-d10	19.26	212	47947	0.39	ng	0.00
29) Terphenyl-d14	19.85	244	10530	0.39	ng	-0.02

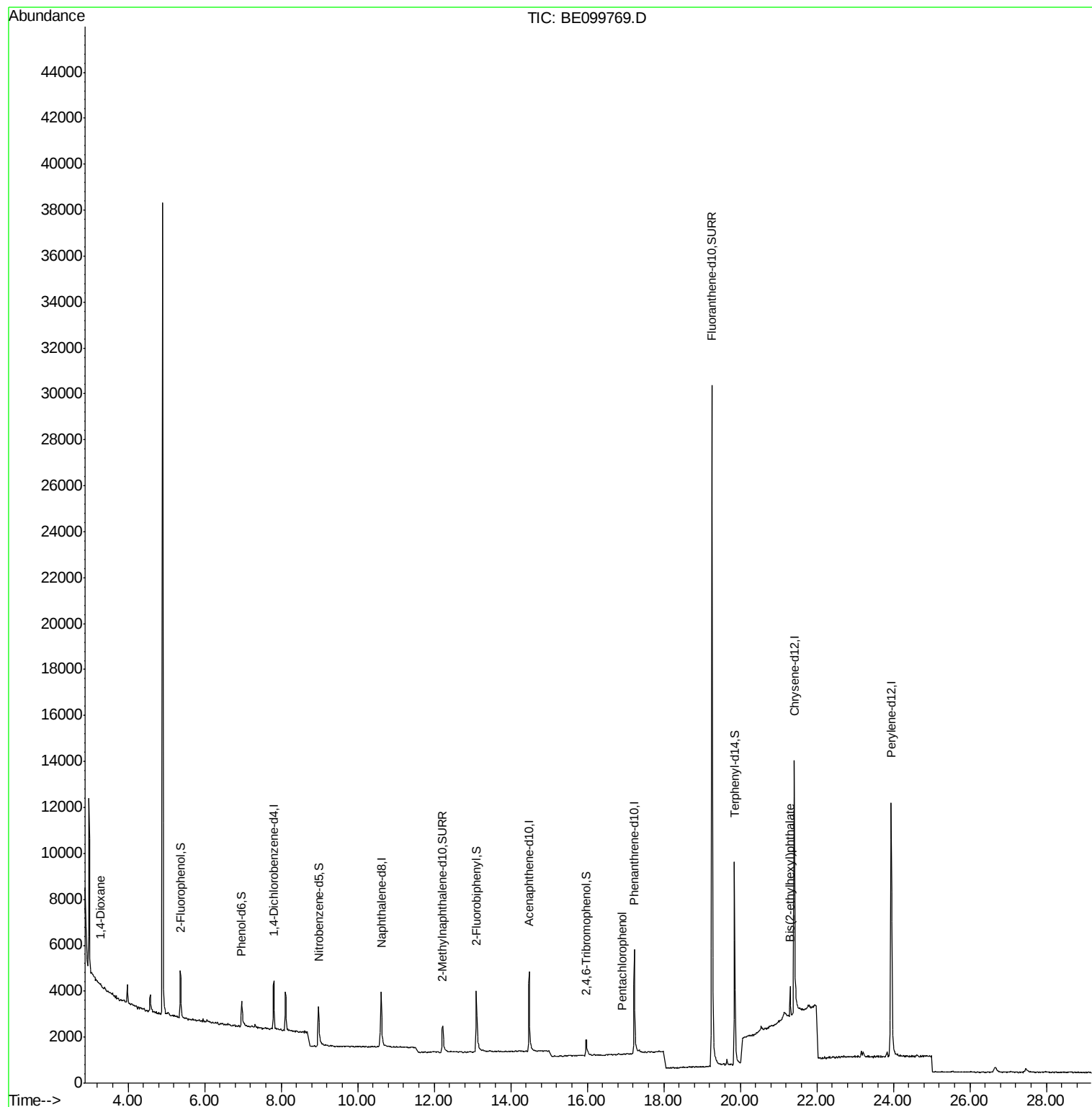
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	86	0.048	ng	# 32
22) Pentachlorophenol	16.92	266	10	0.187	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.31	149	1452	0.029	ng	# 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

Instrument :

BNA_E

ClientSampled :

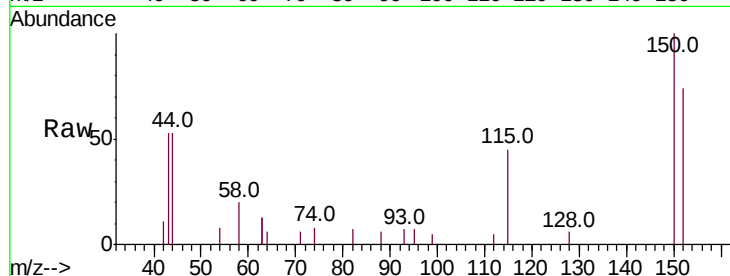
Tot Ion:152 Resp: 1200

Ion Ratio Lower Upper

152 100

150 136.0 109.2 163.8

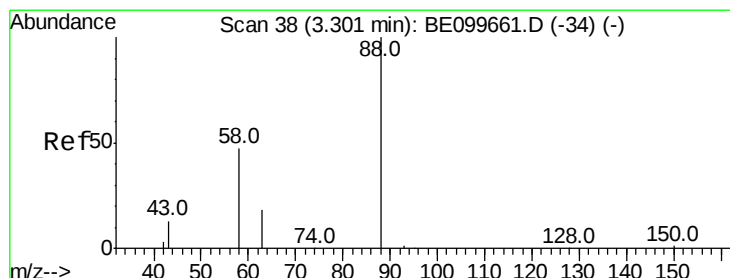
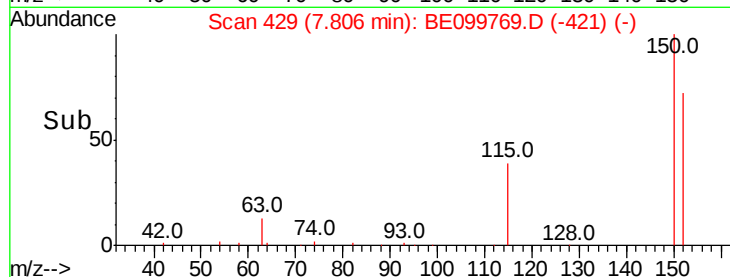
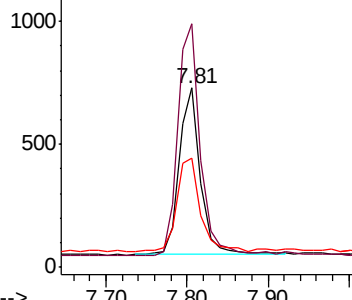
115 60.7 43.7 65.5



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: 0.048 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.02 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

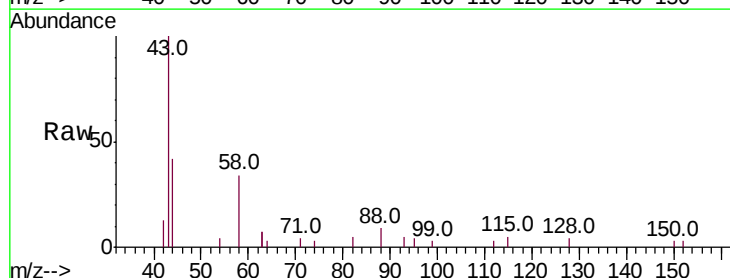
Tgt Ion: 88 Resp: 86

Ion Ratio Lower Upper

88 100

58 107.0 41.8 62.8#

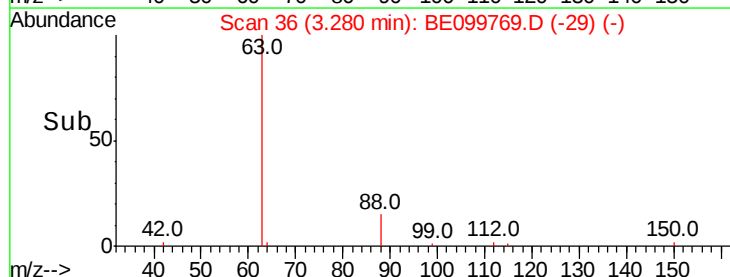
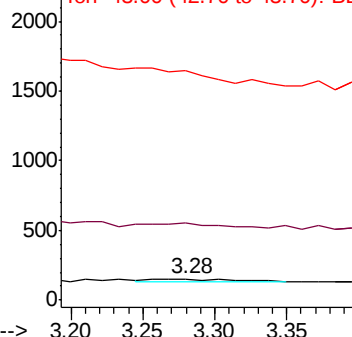
43 0.0 15.0 22.4#

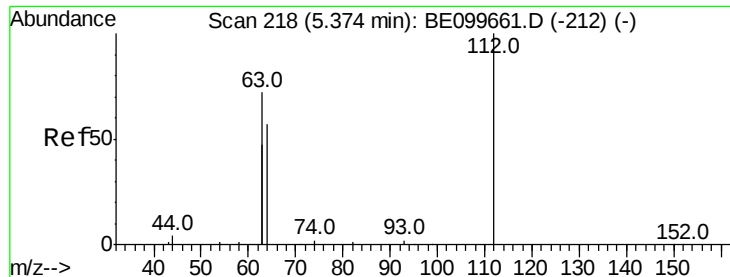


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.433 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

Instrument :

BNA_E

ClientSampled :

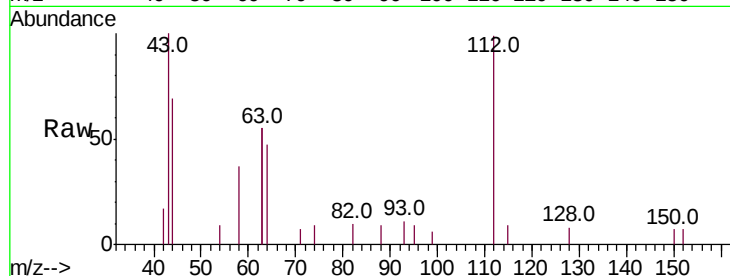
Tot Ion:112 Resp: 1312

Ion Ratio Lower Upper

112 100

64 57.0 43.4 65.2

63 122.7 96.9 145.3

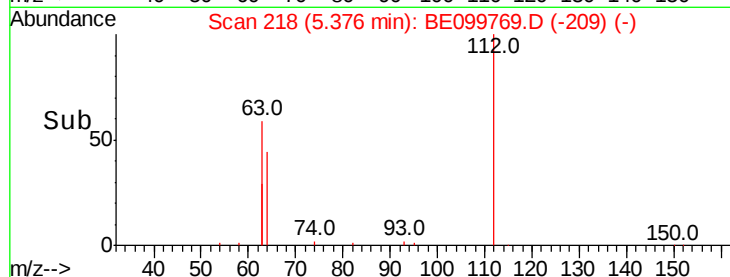


Abundance Ion 112.00 (111.70 to 112.70): BE0

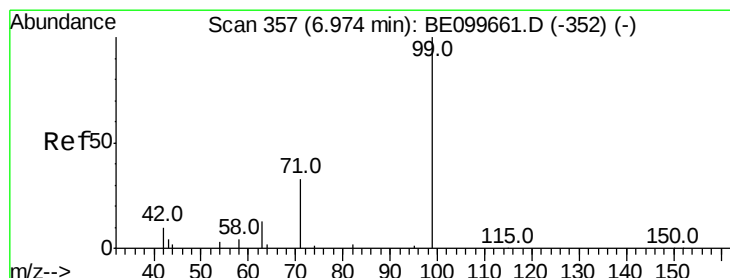
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



Time-->



#5

Phenol-d6

Concen: 0.441 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

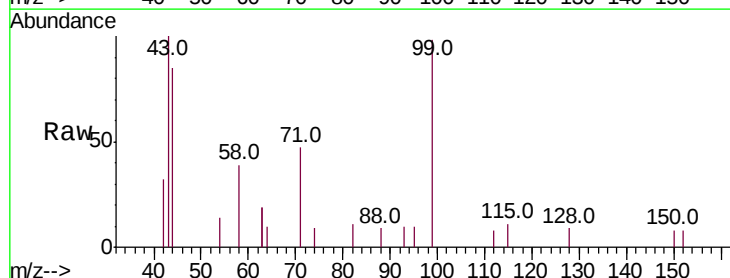
Tgt Ion: 99 Resp: 1769

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.2

71 38.0 28.9 43.3

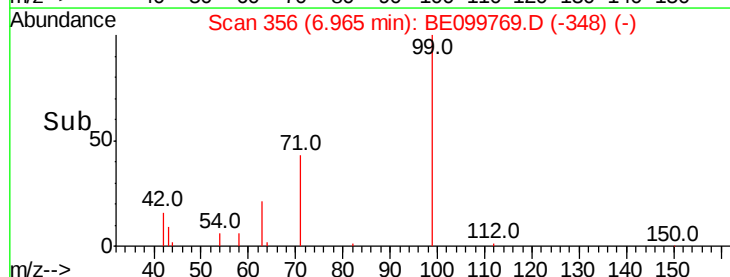


Abundance Ion 99.00 (98.70 to 99.70): BE0

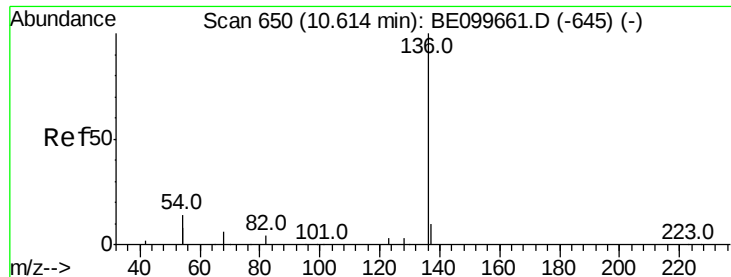
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 4137

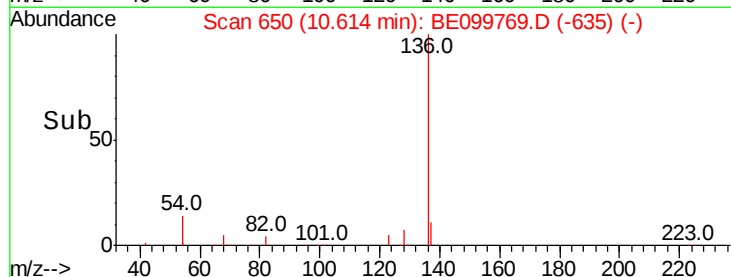
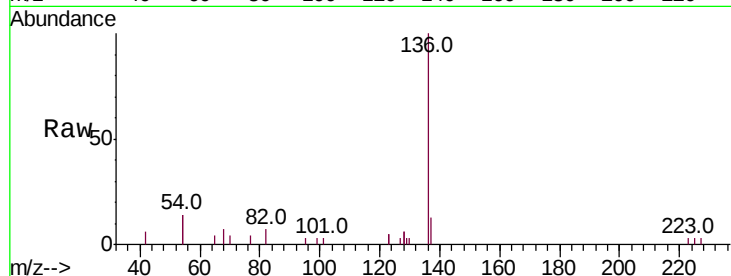
Ion Ratio Lower Upper

136 100

137 13.3 9.0 13.6

54 27.3 22.3 33.5

68 7.4 6.0 9.0

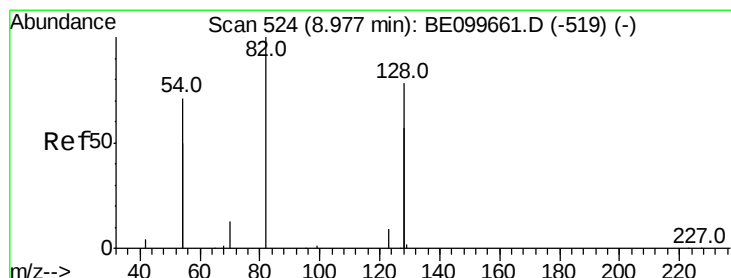
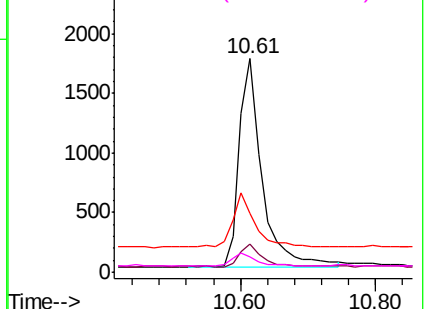


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.325 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

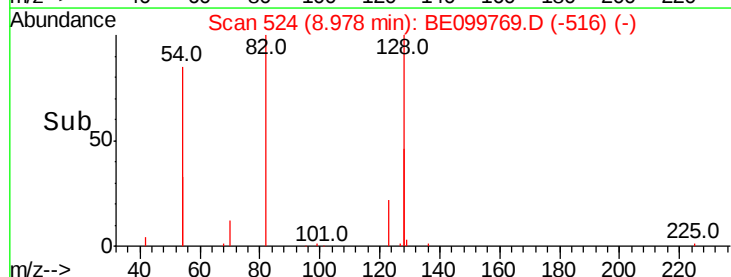
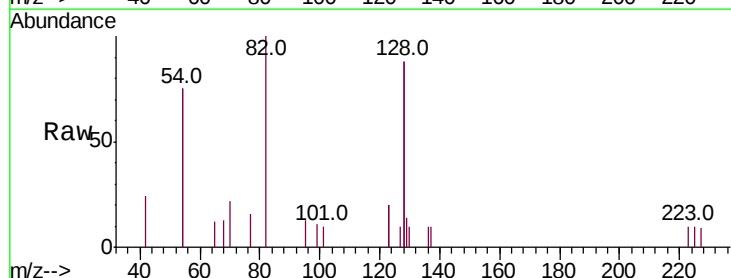
Tgt Ion: 82 Resp: 1164

Ion Ratio Lower Upper

82 100

128 176.8 117.7 176.5#

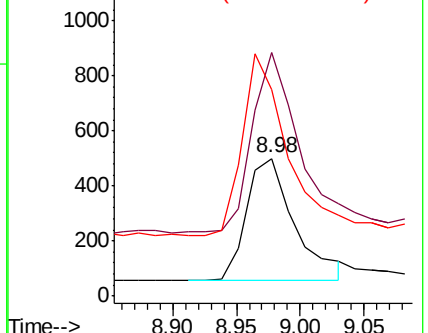
54 150.0 106.6 160.0

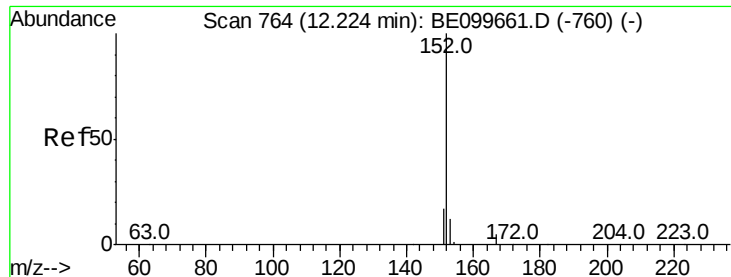


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

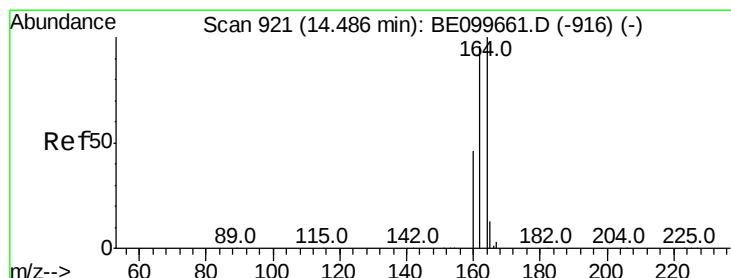
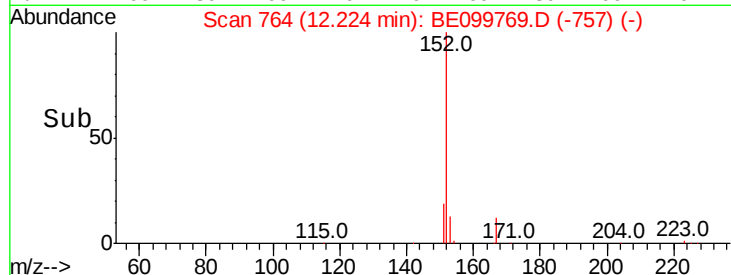
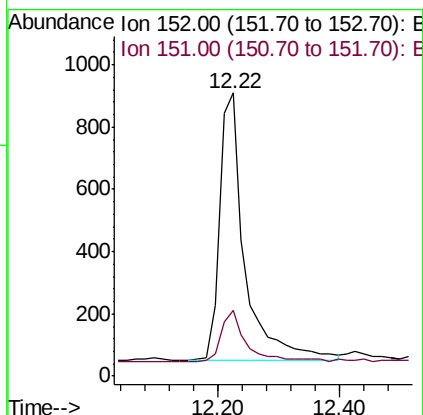
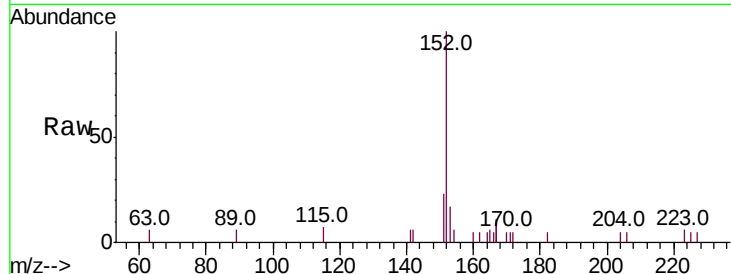




#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099769.D
Acq: 28 May 2019 22:33

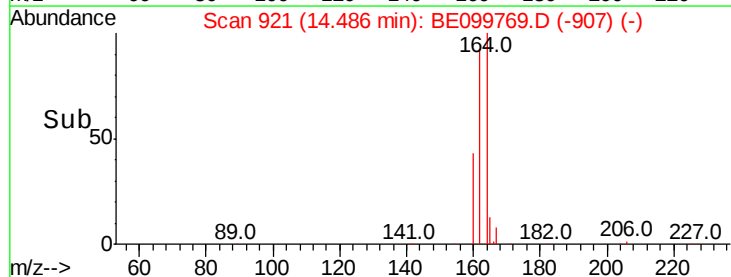
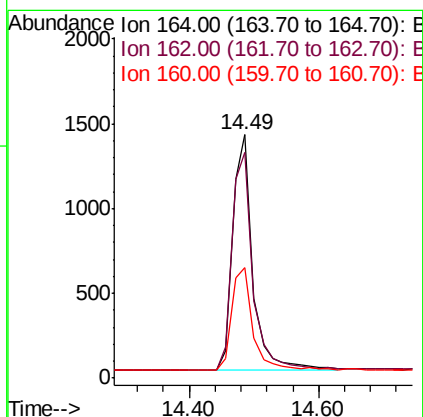
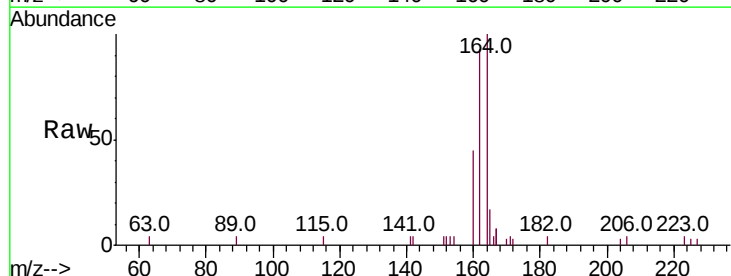
Instrument :
BNA_E
ClientSampled :

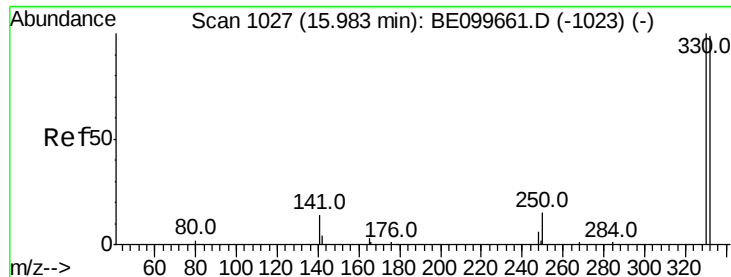
Tot Ion:152 Resp: 2461
Ion Ratio Lower Upper
152 100
151 18.3 15.0 22.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099769.D
Acq: 28 May 2019 22:33

Tgt Ion:164 Resp: 2985
Ion Ratio Lower Upper
164 100
162 92.8 76.5 114.7
160 45.2 37.4 56.2





#14

2,4,6-Tribromophenol

Concen: 0.470 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

Instrument :

BNA_E

ClientSampleId :

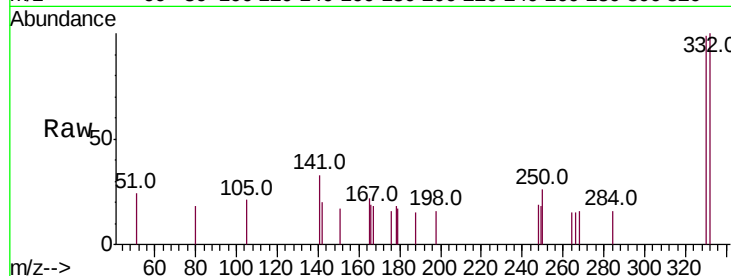
Tot Ion:330 Resp: 777

Ion Ratio Lower Upper

330 100

332 98.6 77.3 115.9

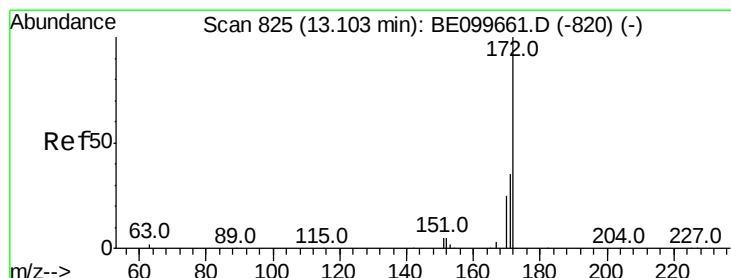
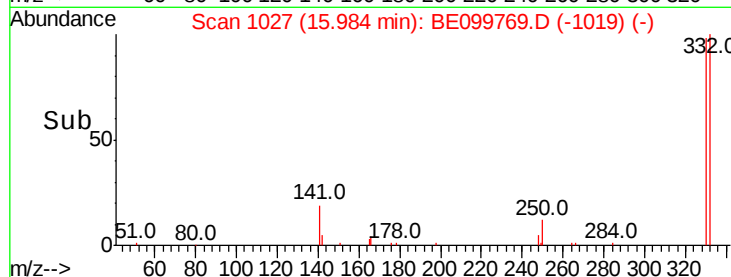
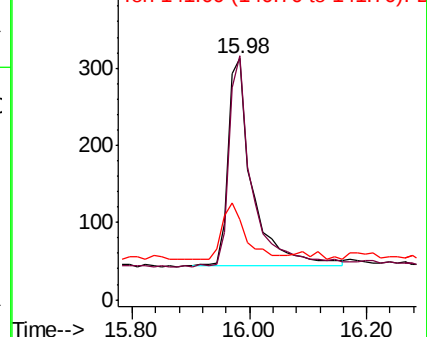
141 26.4 18.9 28.3



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: 0.333 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

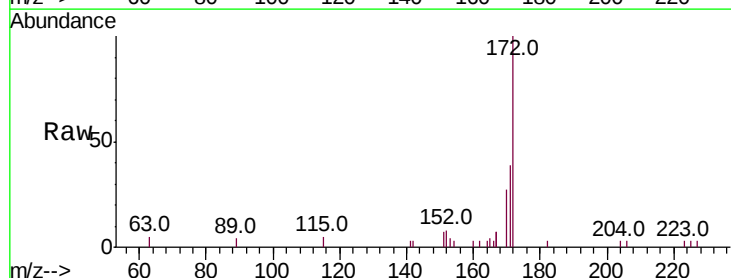
Tgt Ion:172 Resp: 3770

Ion Ratio Lower Upper

172 100

171 38.9 28.7 43.1

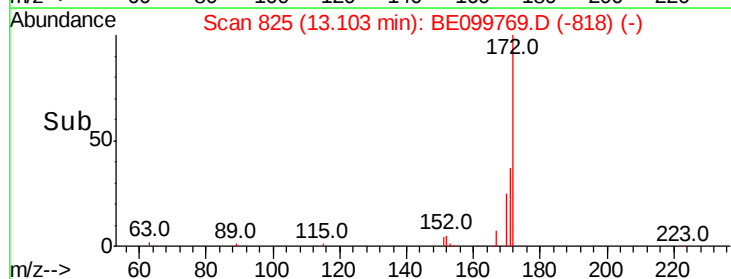
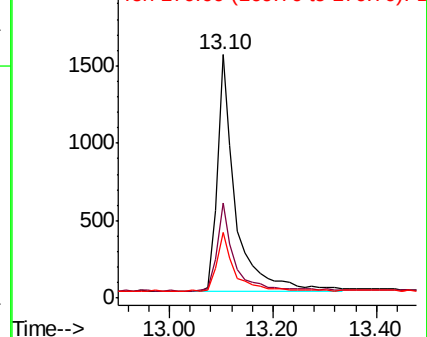
170 26.9 20.9 31.3

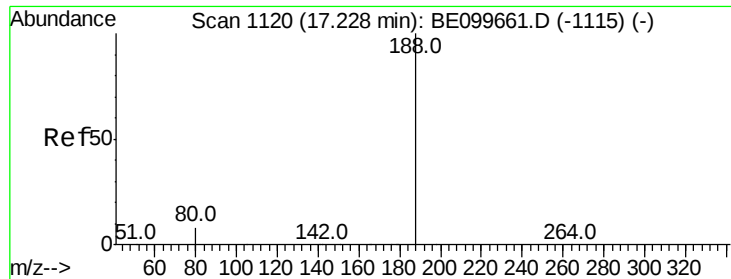


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE099769.D

Acq: 28 May 2019 22:33

Instrument :

BNA_E

ClientSampleId :

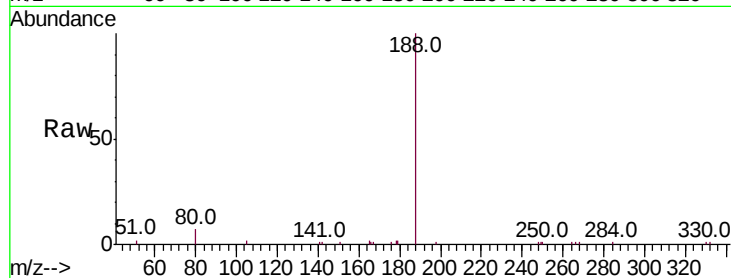
Tot Ion:188 Resp: 9052

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

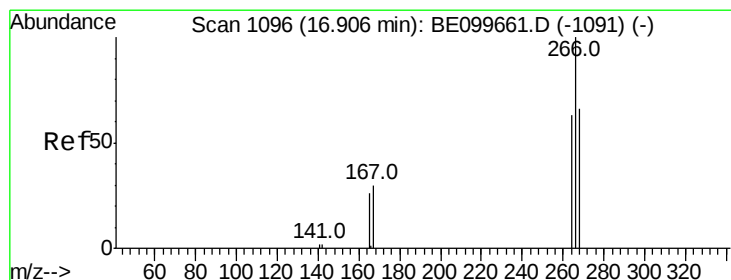
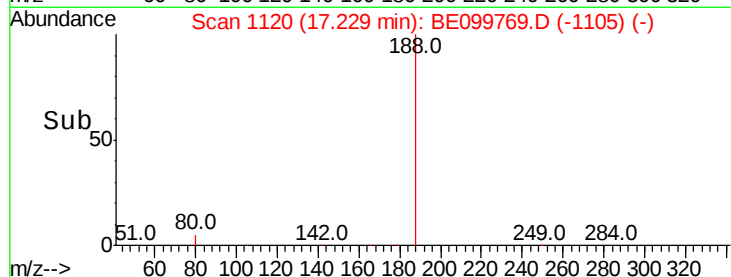
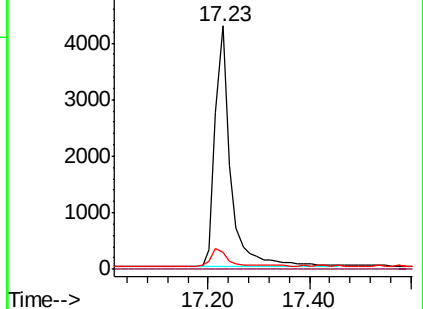
80 6.8 6.7 10.1



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: 0.187 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

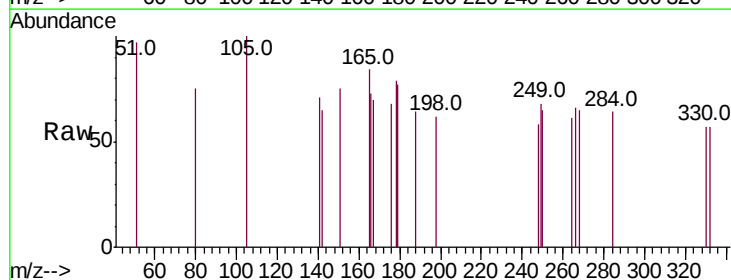
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 92.2 57.2 85.8#

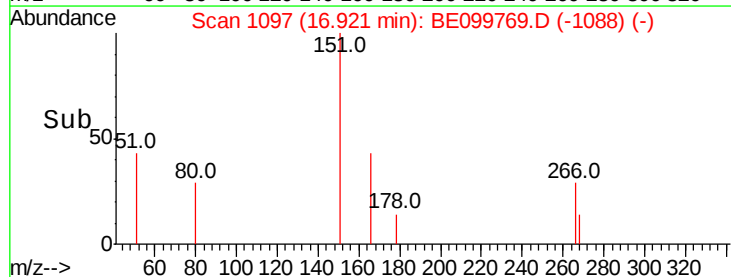
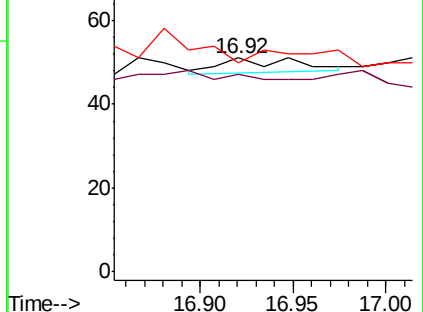
268 98.0 60.5 90.7#

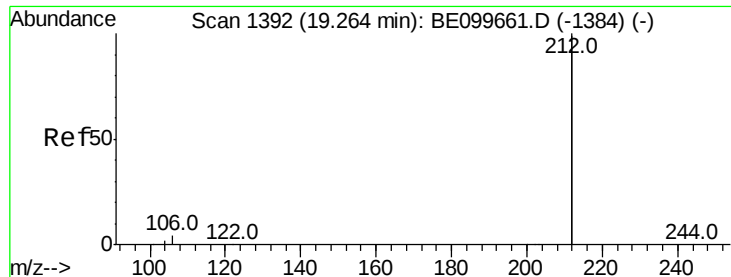


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

Instrument :

BNA_E

ClientSampleId :

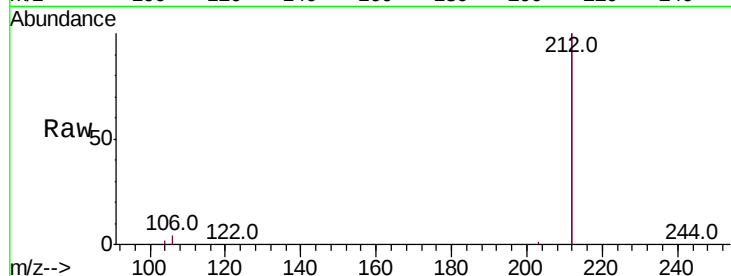
Tot Ion:212 Resp: 47947

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

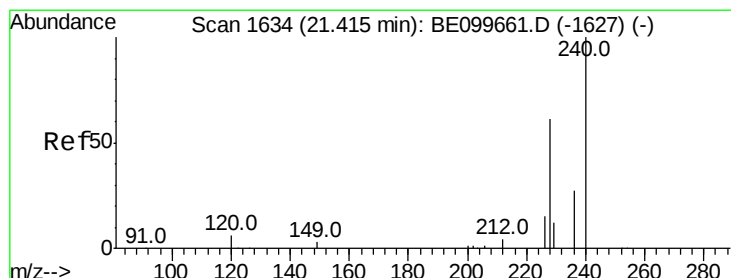
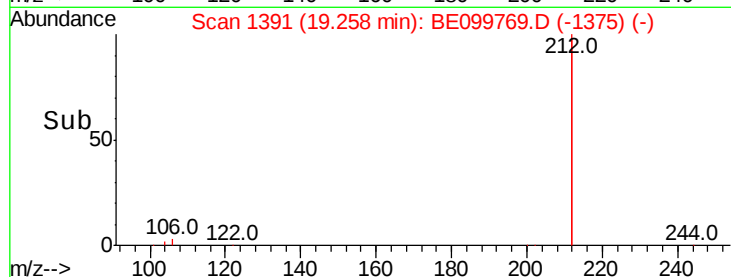
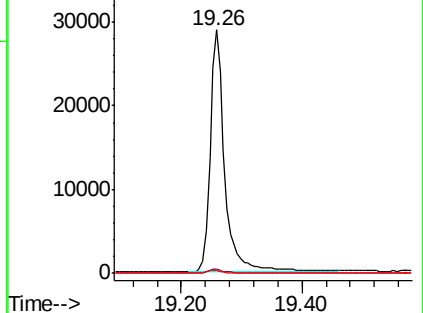
104 1.0 0.8 1.2



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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

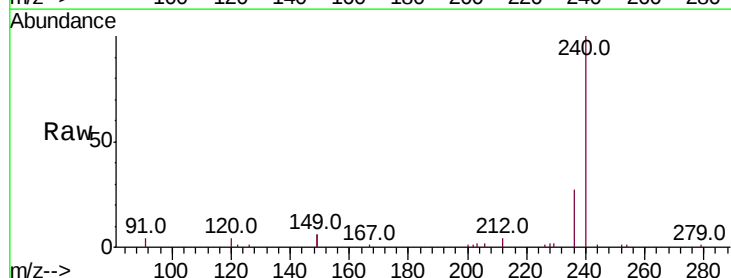
Tgt Ion:240 Resp: 15274

Ion Ratio Lower Upper

240 100

120 4.4 5.4 8.0#

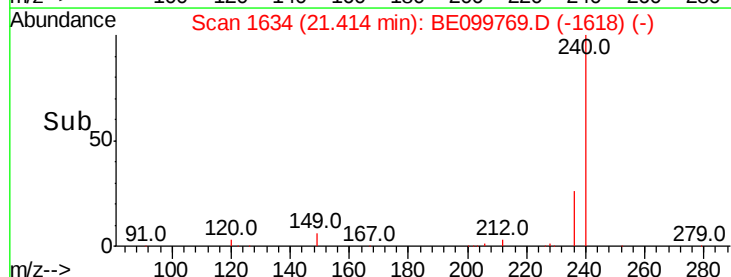
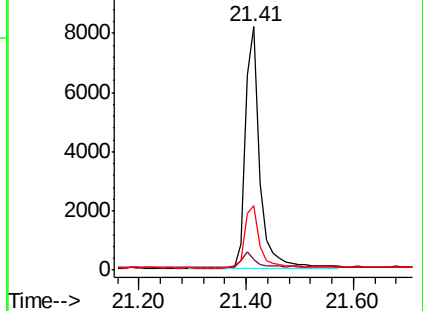
236 26.7 21.7 32.5

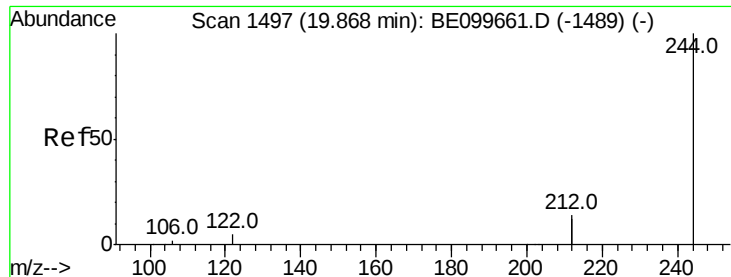


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.386 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

Instrument :

BNA_E

ClientSampleId :

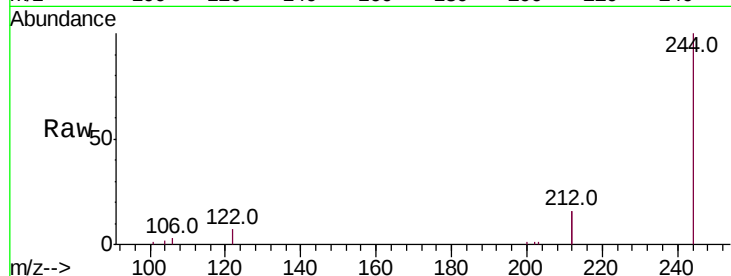
Tot Ion:244 Resp: 10530

Ion Ratio Lower Upper

244 100

212 32.4 22.5 33.7

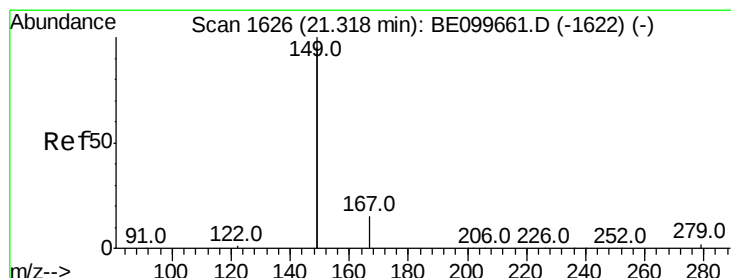
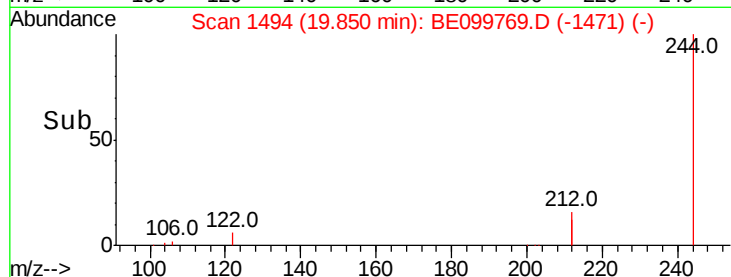
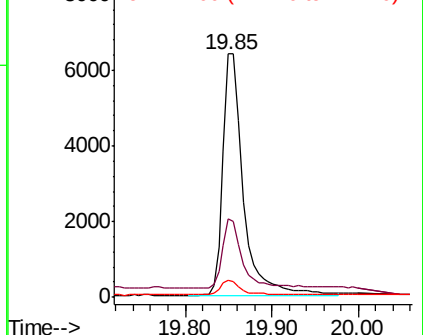
122 7.1 4.3 6.5#



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: 0.029 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

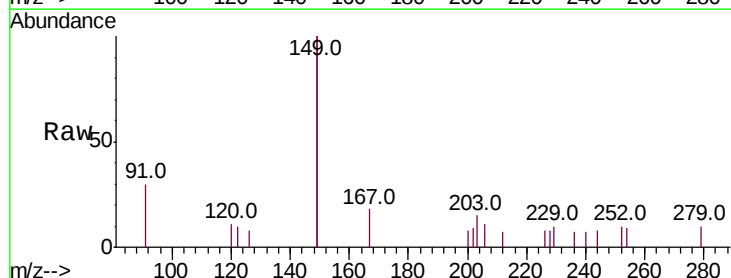
Tgt Ion:149 Resp: 1452

Ion Ratio Lower Upper

149 100

167 9.1 6.2 9.4

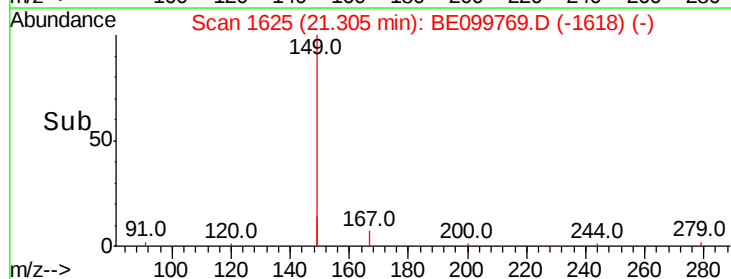
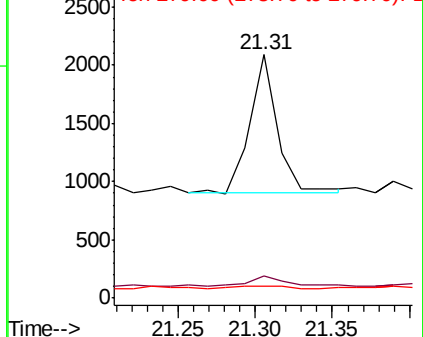
279 3.4 1.2 1.8#

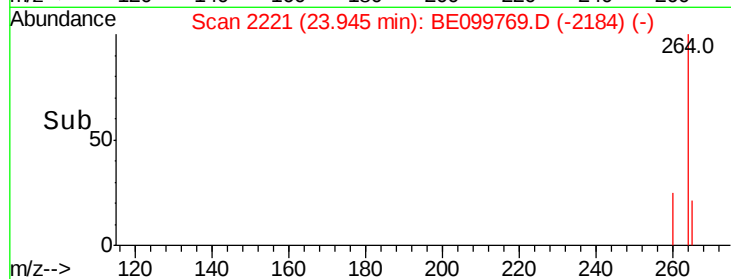
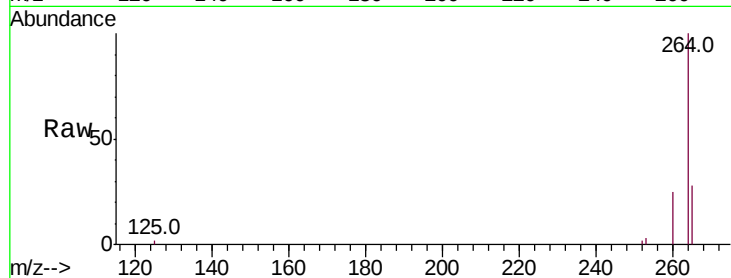
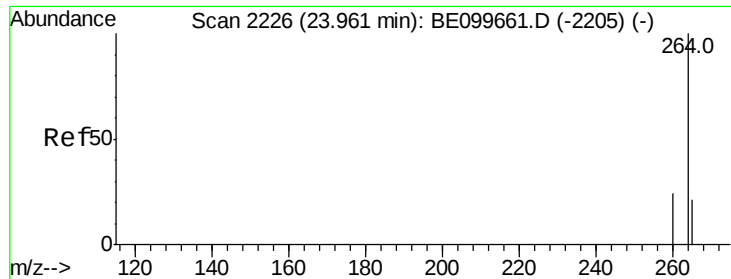


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2221
 Delta R.T. -0.02 min
 Lab File: BE099769.D
 Acq: 28 May 2019 22:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 18545
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.6 29.4
 265 28.2 19.1 28.7

