

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051719\
 Data File : BE099652.D
 Acq On : 17 May 2019 15:02
 Operator : JU/SJ
 Sample : K2838-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 17 15:36:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

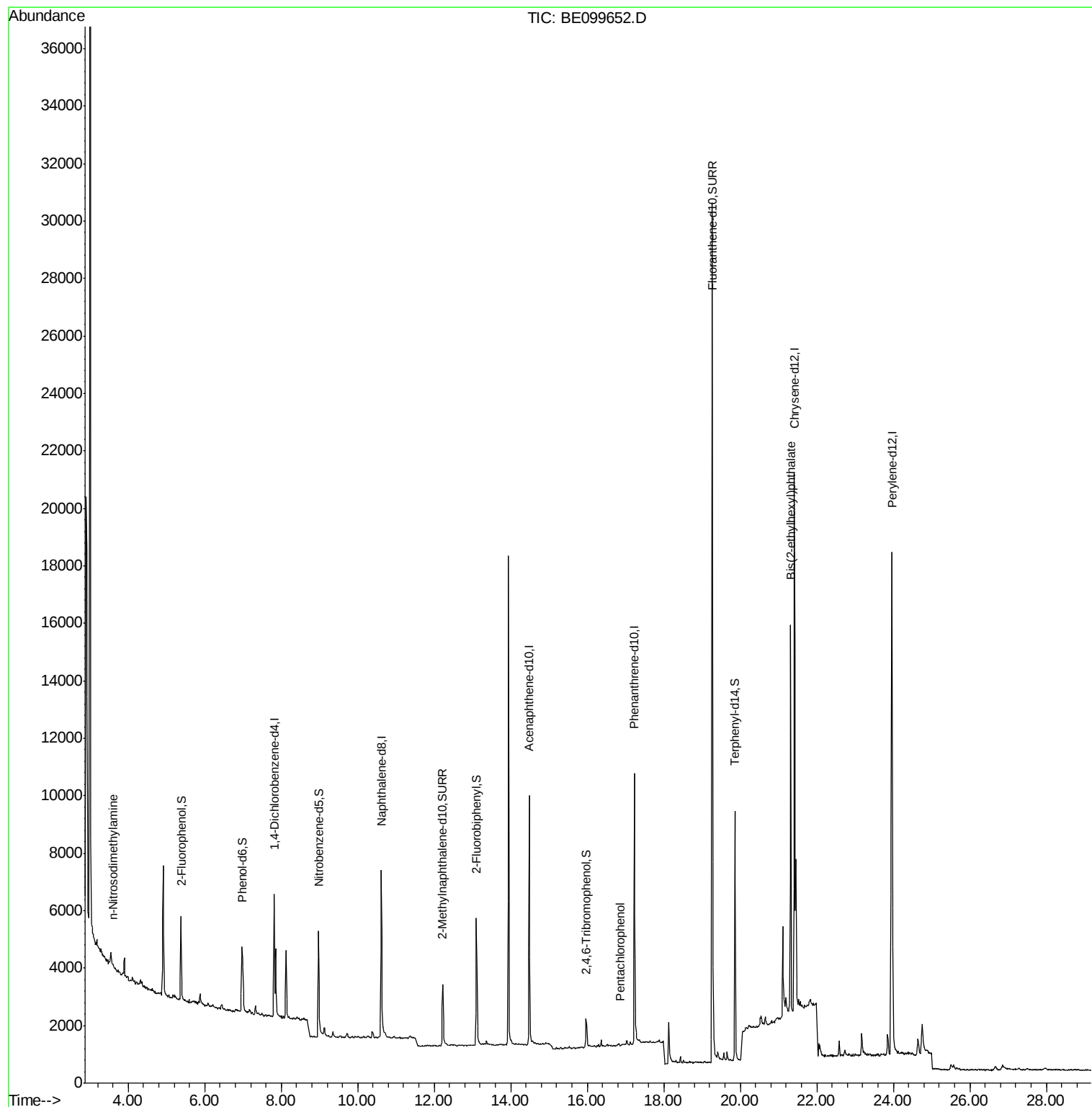
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2388	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	7963	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	5225	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	14668	0.40	ng	0.00
27) Chrysene-d12	21.41	240	21448	0.40	ng	0.00
34) Perylene-d12	23.96	264	27952	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1881	0.28	ng	0.00
5) Phenol-d6	6.97	99	2405	0.28	ng	0.00
8) Nitrobenzene-d5	8.98	82	1959	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3358	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	794	0.22	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4975	0.25	ng	0.00
25) Fluoranthene-d10	19.26	212	42570	0.22	ng	0.00
29) Terphenyl-d14	19.86	244	8385	0.22	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.60	42	46	0.020	ng	# 1
22) Pentachlorophenol	16.87	266	23	0.280	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.32	149	14355	0.144	ng	99

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

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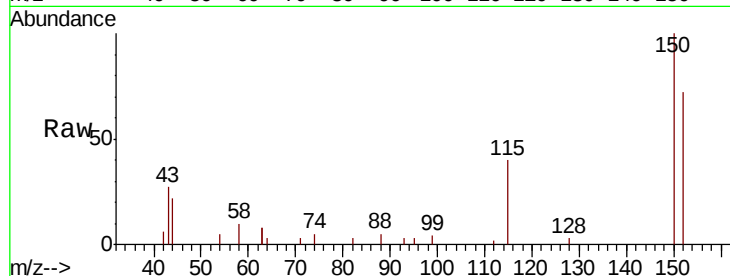


#1

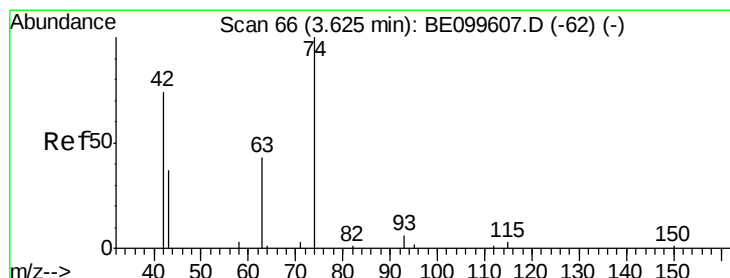
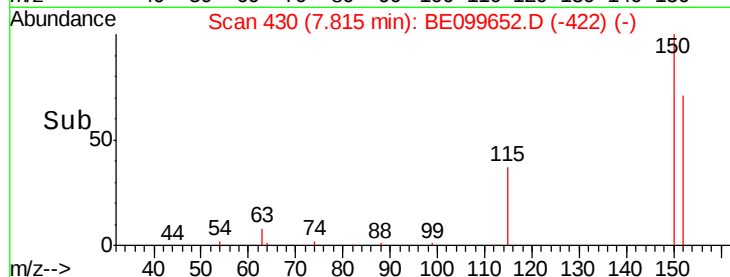
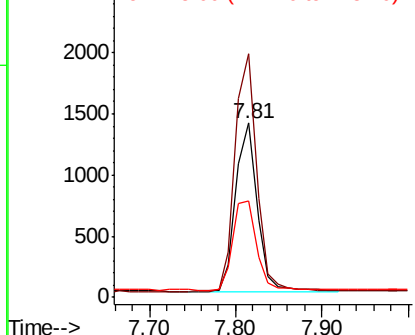
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099652.D
Acq: 17 May 2019 15:02

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2388
Ion Ratio Lower Upper
152 100
150 139.8 110.1 165.1
115 55.5 46.2 69.4



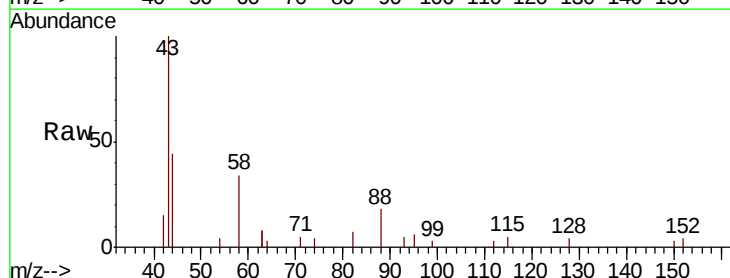
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



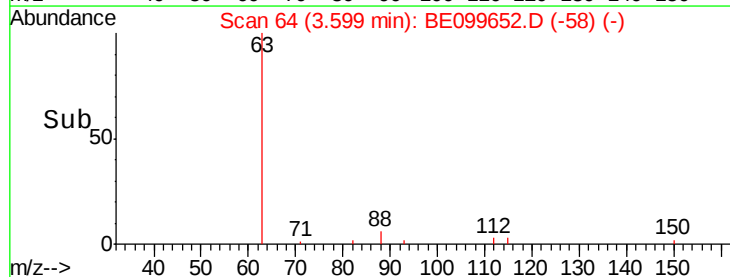
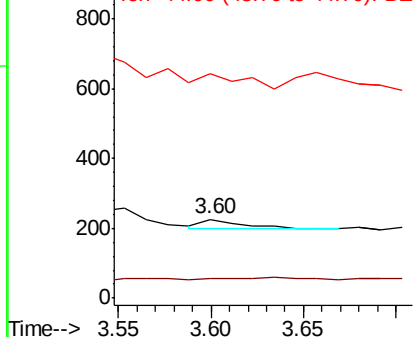
#3

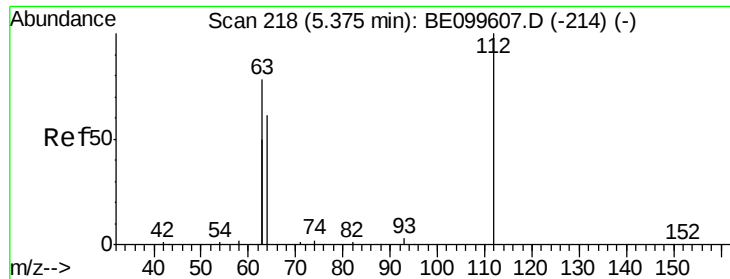
n-Nitrosodimethylamine
Concen: 0.020 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.03 min
Lab File: BE099652.D
Acq: 17 May 2019 15:02

Tgt Ion: 42 Resp: 46
Ion Ratio Lower Upper
42 100
74 0.0 134.7 202.1#
44 0.0 12.5 18.7#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.277 ng

RT: 5.38 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099652.D

Acq: 17 May 2019 15:02

Instrument :

BNA_E

ClientSampled :

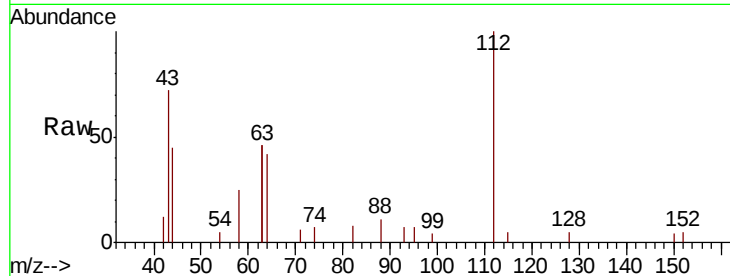
Tot Ion:112 Resp: 1881

Ion Ratio Lower Upper

112 100

64 52.4 43.7 65.5

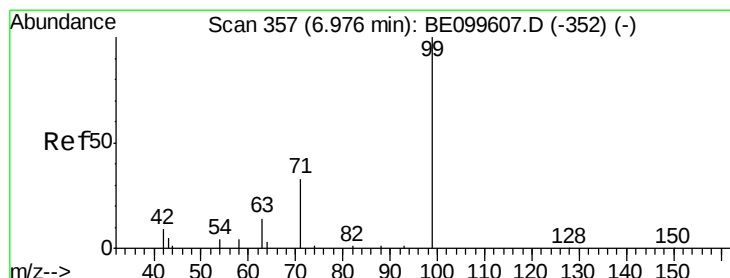
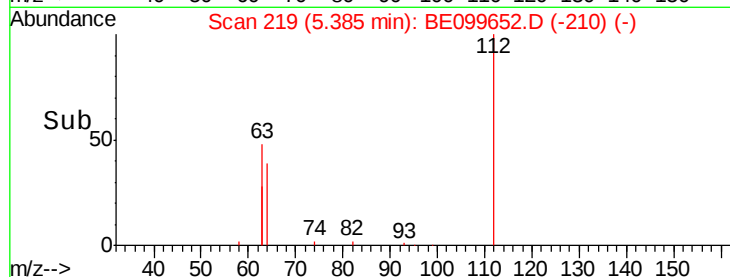
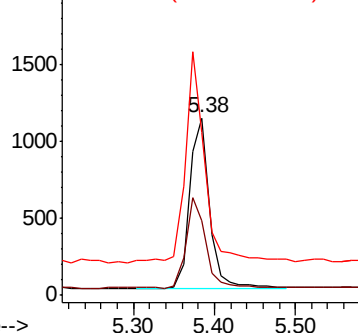
63 122.3 94.0 141.0



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: 0.280 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099652.D

Acq: 17 May 2019 15:02

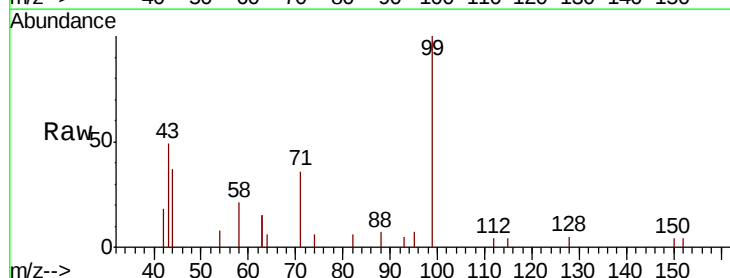
Tgt Ion: 99 Resp: 2405

Ion Ratio Lower Upper

99 100

42 15.7 14.3 21.5

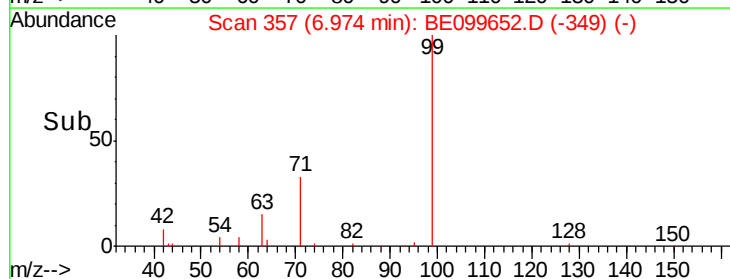
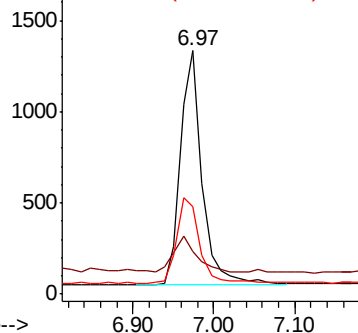
71 38.8 33.1 49.7

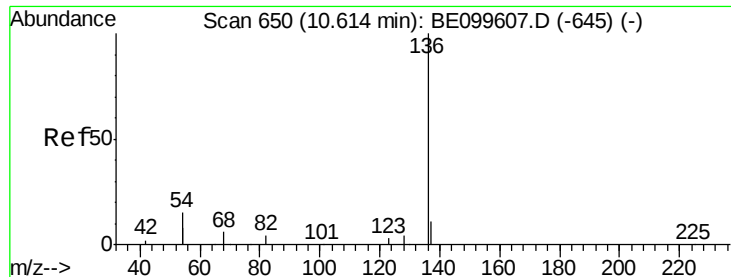


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099652.D

Acq: 17 May 2019 15:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7963

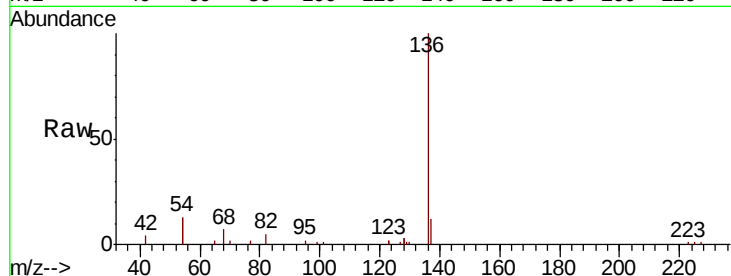
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 25.0 23.8 35.8

68 7.0 6.2 9.2

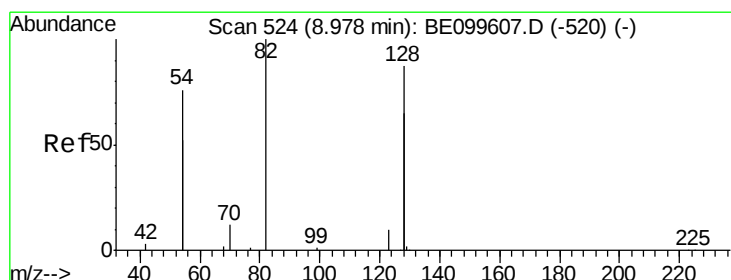
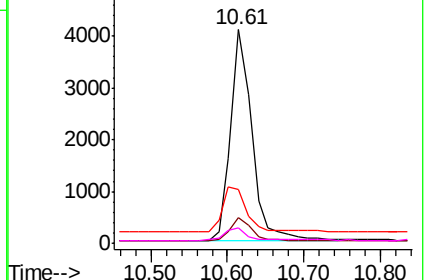
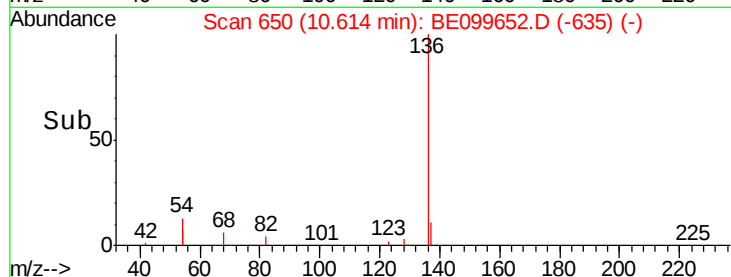


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.254 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099652.D

Acq: 17 May 2019 15:02

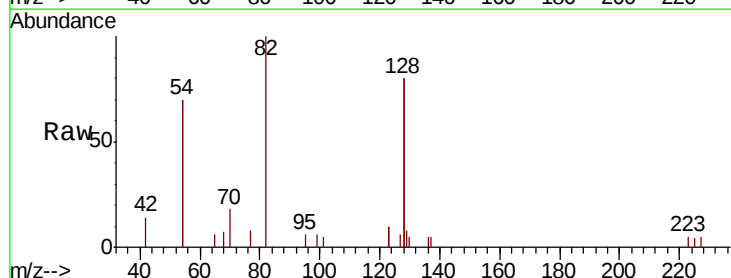
Tgt Ion: 82 Resp: 1959

Ion Ratio Lower Upper

82 100

128 160.6 131.4 197.2

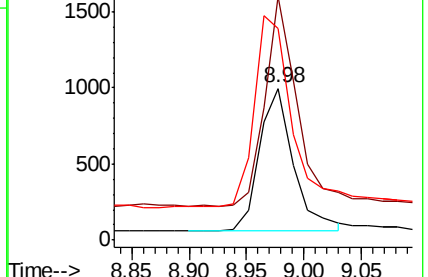
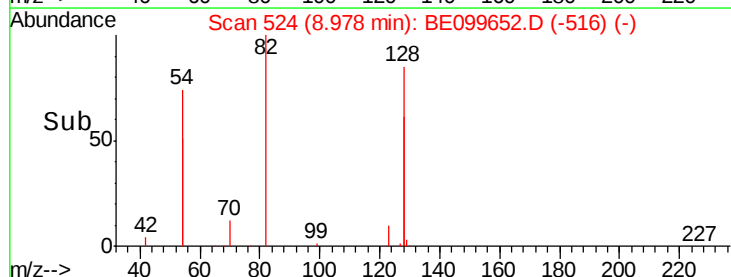
54 139.8 113.9 170.9

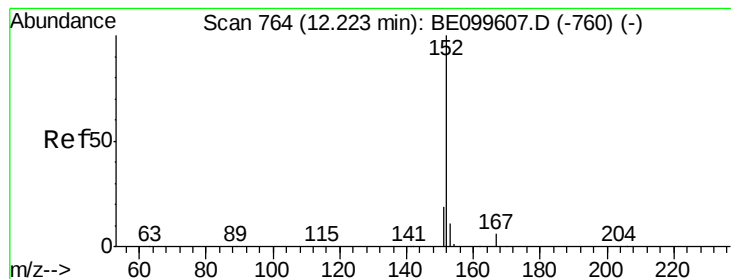


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

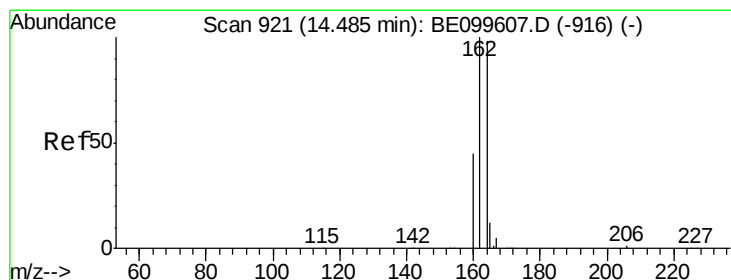
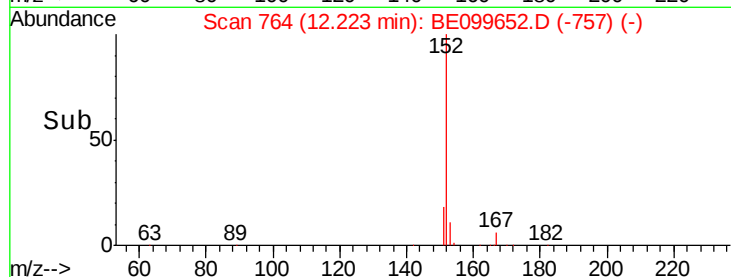
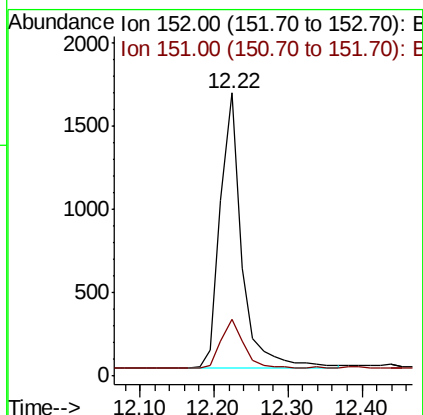
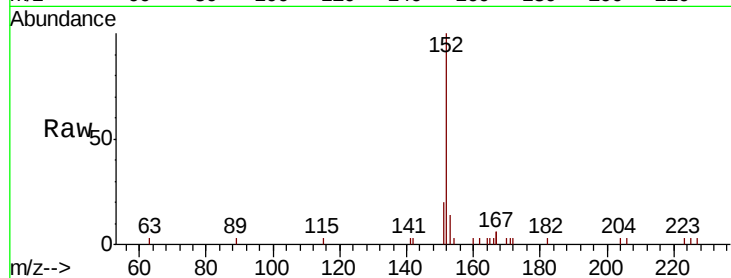




#11
 2-Methylnaphthalene-d10
 Concen: 0.251 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099652.D
 Acq: 17 May 2019 15:02

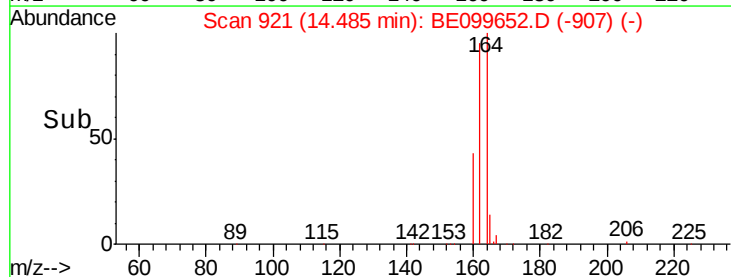
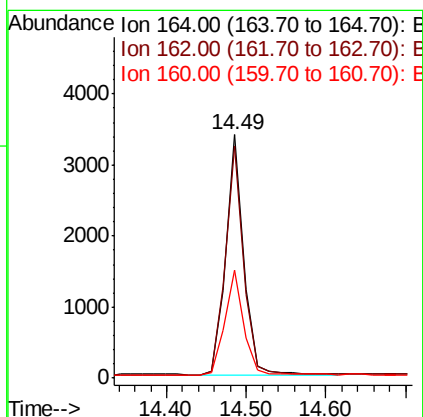
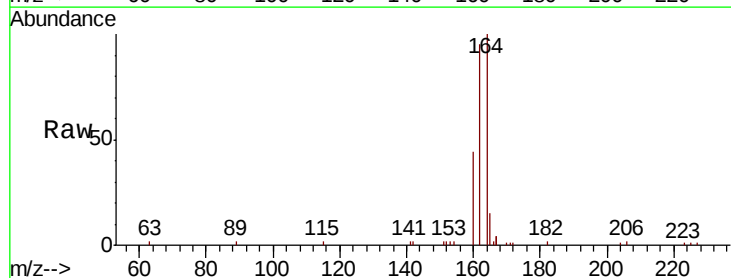
Instrument :
 BNA_E
 ClientSampleId :

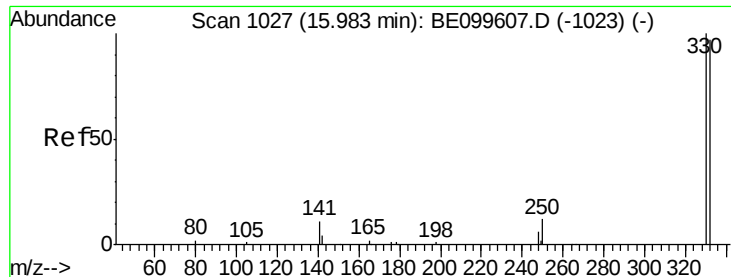
Tot Ion:152 Resp: 3358
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.3 22.9



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE099652.D
 Acq: 17 May 2019 15:02

Tgt Ion:164 Resp: 5225
 Ion Ratio Lower Upper
 164 100
 162 95.2 81.4 122.0
 160 44.1 37.4 56.2

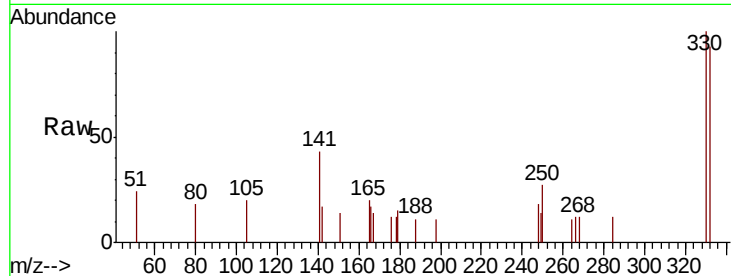




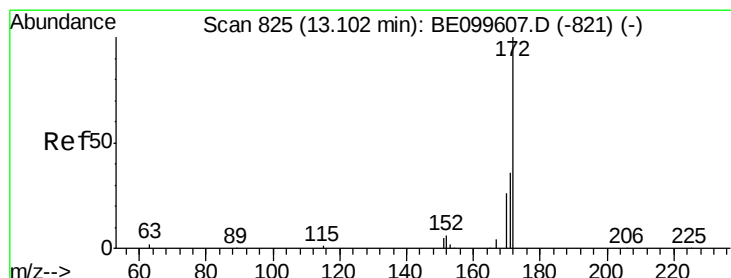
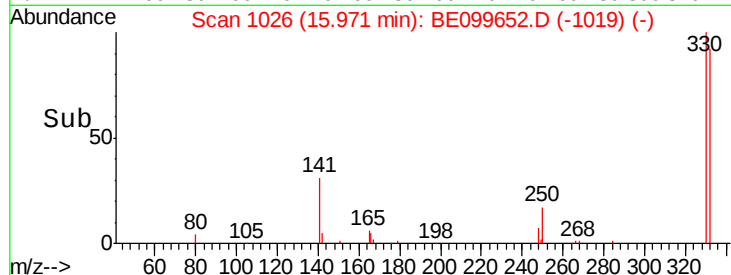
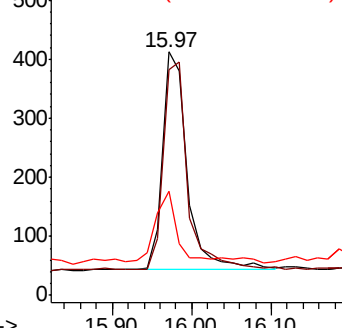
#14
 2,4,6-Tribromophenol
 Concen: 0.222 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099652.D
 Acq: 17 May 2019 15:02

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 794
 Ion Ratio Lower Upper
 330 100
 332 94.8 73.8 110.8
 141 27.2 21.0 31.6

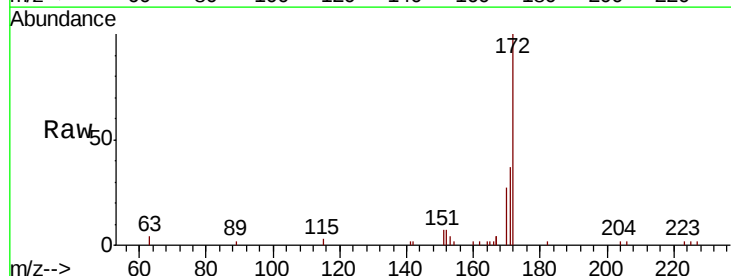


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

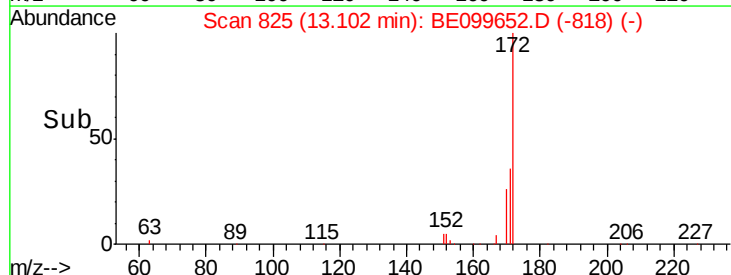
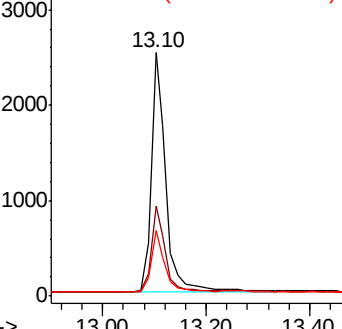


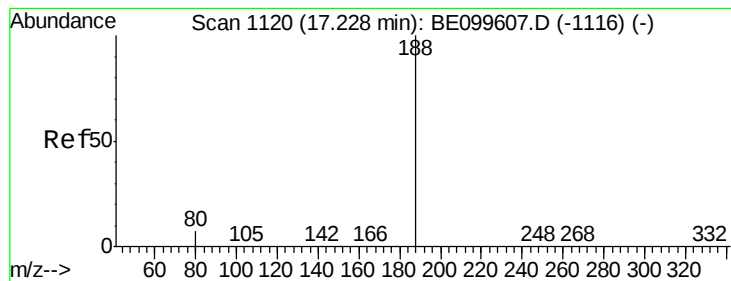
#15
 2-Fluorobiphenyl
 Concen: 0.247 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099652.D
 Acq: 17 May 2019 15:02

Tgt Ion:172 Resp: 4975
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 27.1 21.5 32.3



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: BE099652.D

Acq: 17 May 2019 15:02

Instrument :

BNA_E

ClientSampleId :

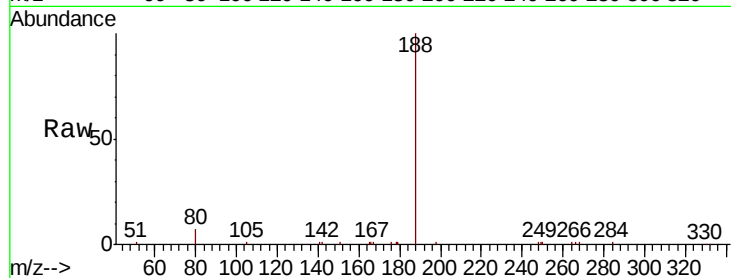
Tot Ion:188 Resp: 14668

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

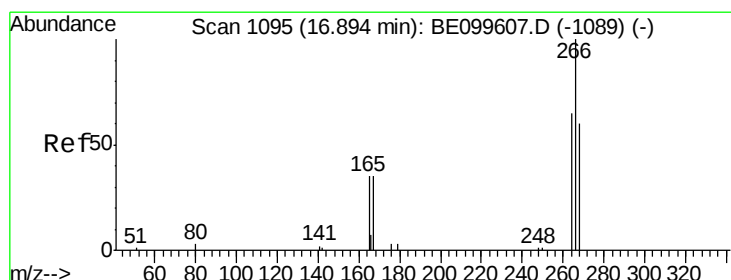
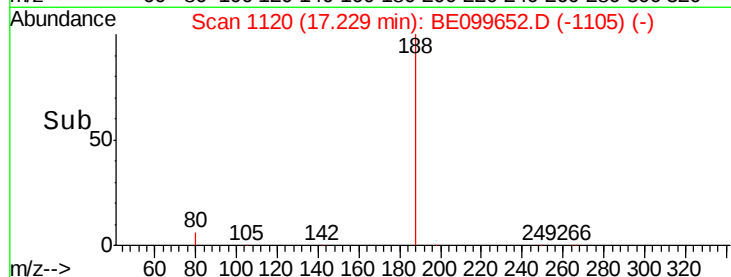
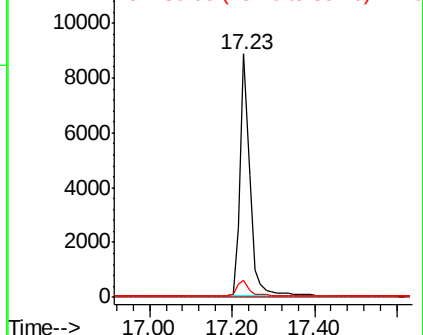
80 6.8 6.4 9.6



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: 0.280 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE099652.D

Acq: 17 May 2019 15:02

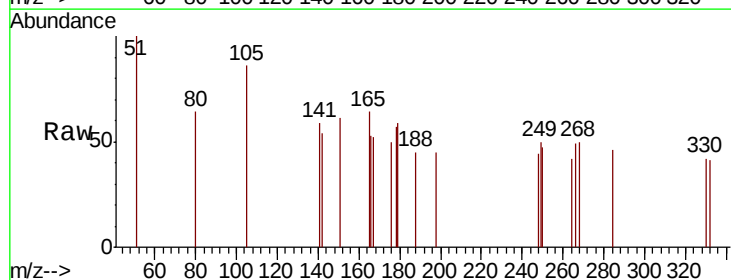
Tgt Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 86.3 57.7 86.5

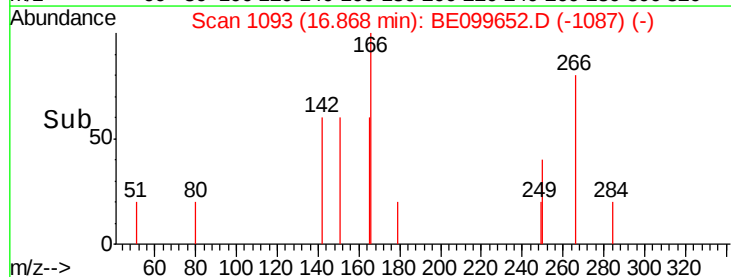
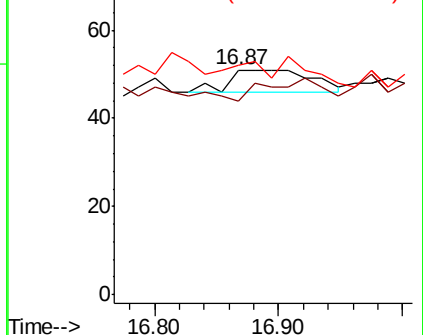
268 102.0 55.8 83.8#

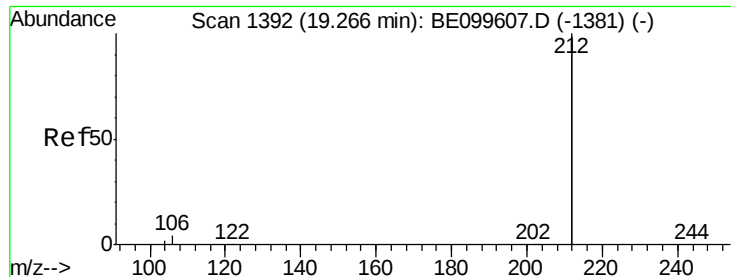


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.218 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099652.D

Acq: 17 May 2019 15:02

Instrument :

BNA_E

ClientSampleId :

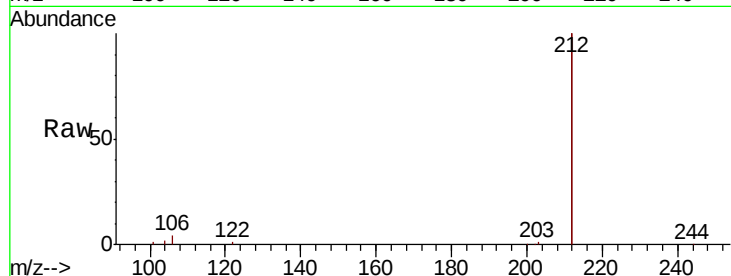
Tot Ion:212 Resp: 42570

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

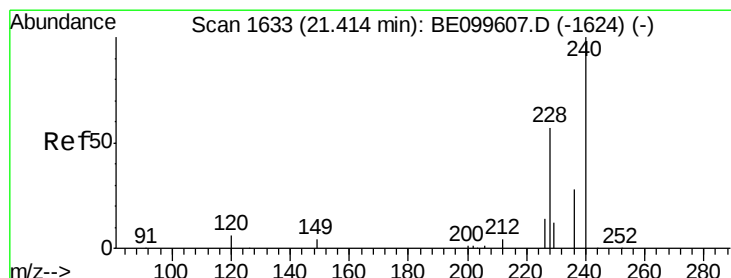
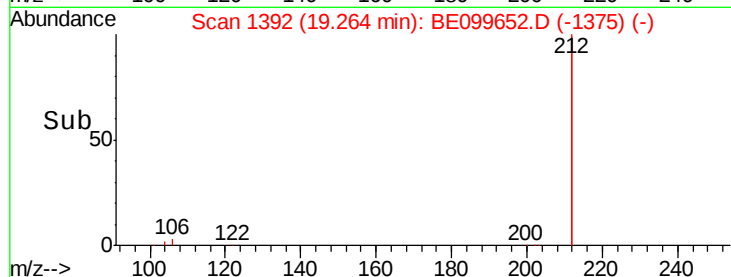
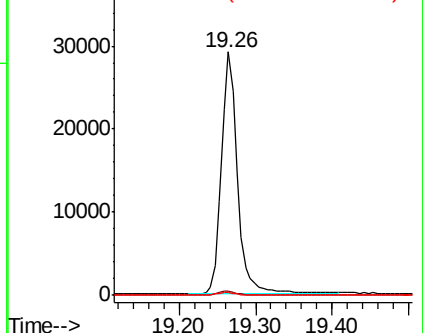
104 1.1 0.9 1.3



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: BE099652.D

Acq: 17 May 2019 15:02

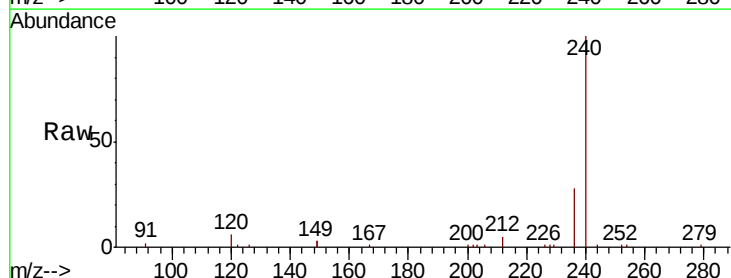
Tgt Ion:240 Resp: 21448

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

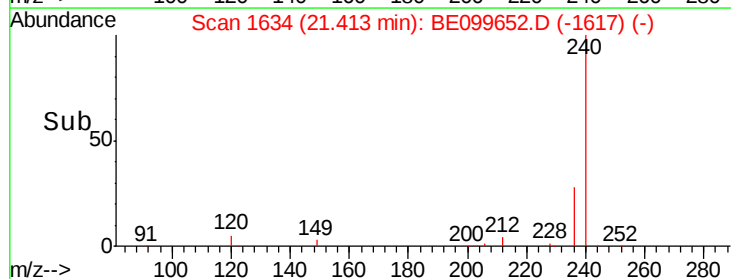
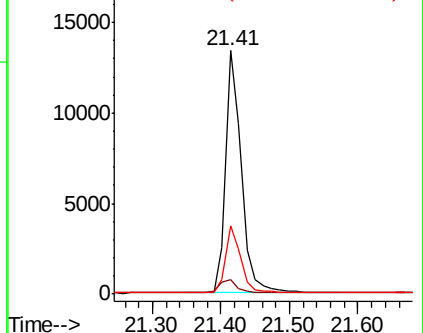
236 28.1 22.8 34.2

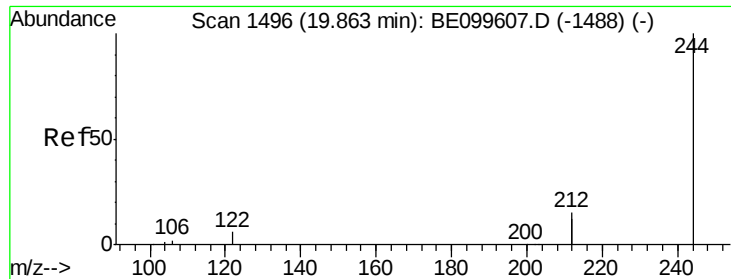


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.217 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099652.D

Acq: 17 May 2019 15:02

Instrument :

BNA_E

ClientSampleId :

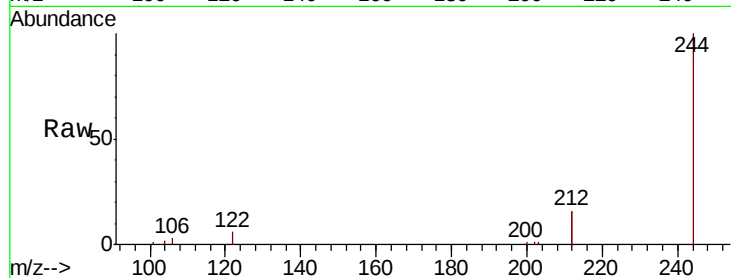
Tot Ion:244 Resp: 8385

Ion Ratio Lower Upper

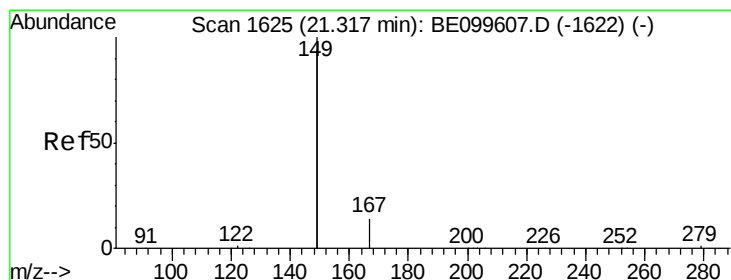
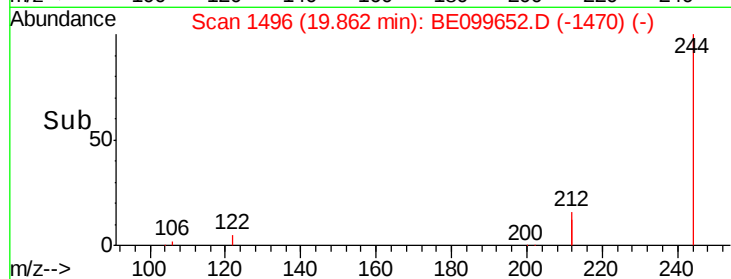
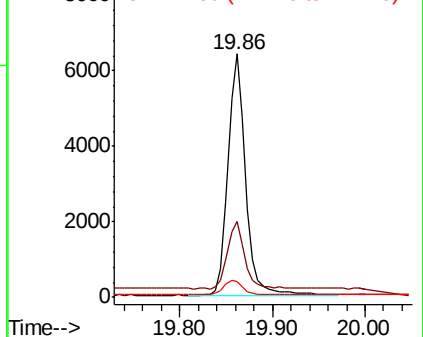
244 100

212 31.2 23.8 35.6

122 6.4 5.0 7.6



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: 0.144 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE099652.D

Acq: 17 May 2019 15:02

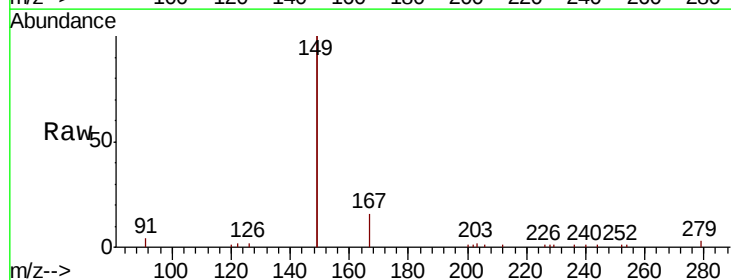
Tgt Ion:149 Resp: 14355

Ion Ratio Lower Upper

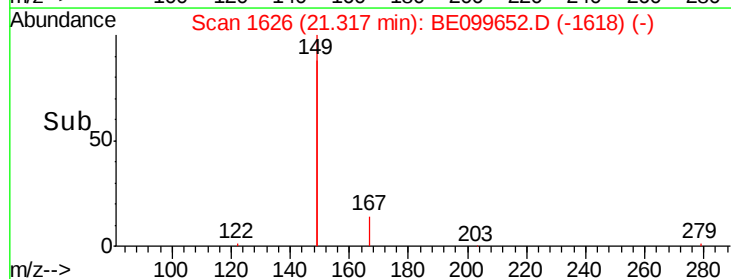
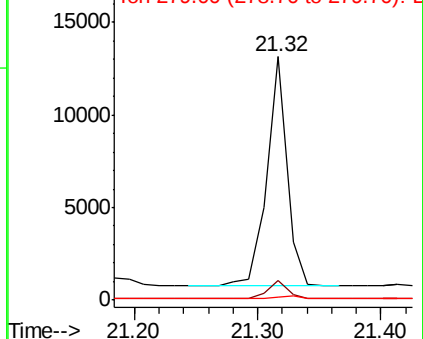
149 100

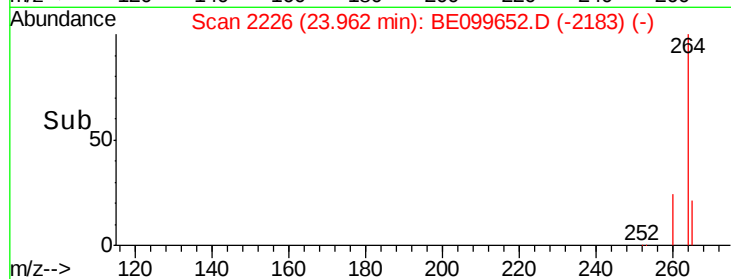
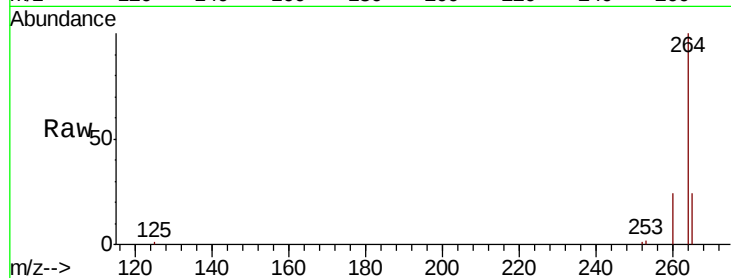
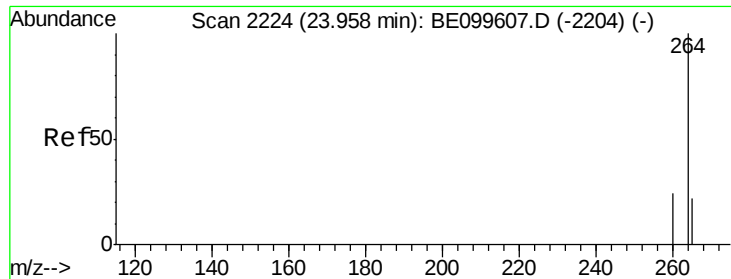
167 8.0 6.0 9.0

279 1.5 1.1 1.7



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: 23.96 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BE099652.D

Acq: 17 May 2019 15:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 27952

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 24.0 21.2 31.8

