

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099766.D
 Acq On : 28 May 2019 20:43
 Operator : JU/SJ
 Sample : K3037-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 29 04:11:11 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

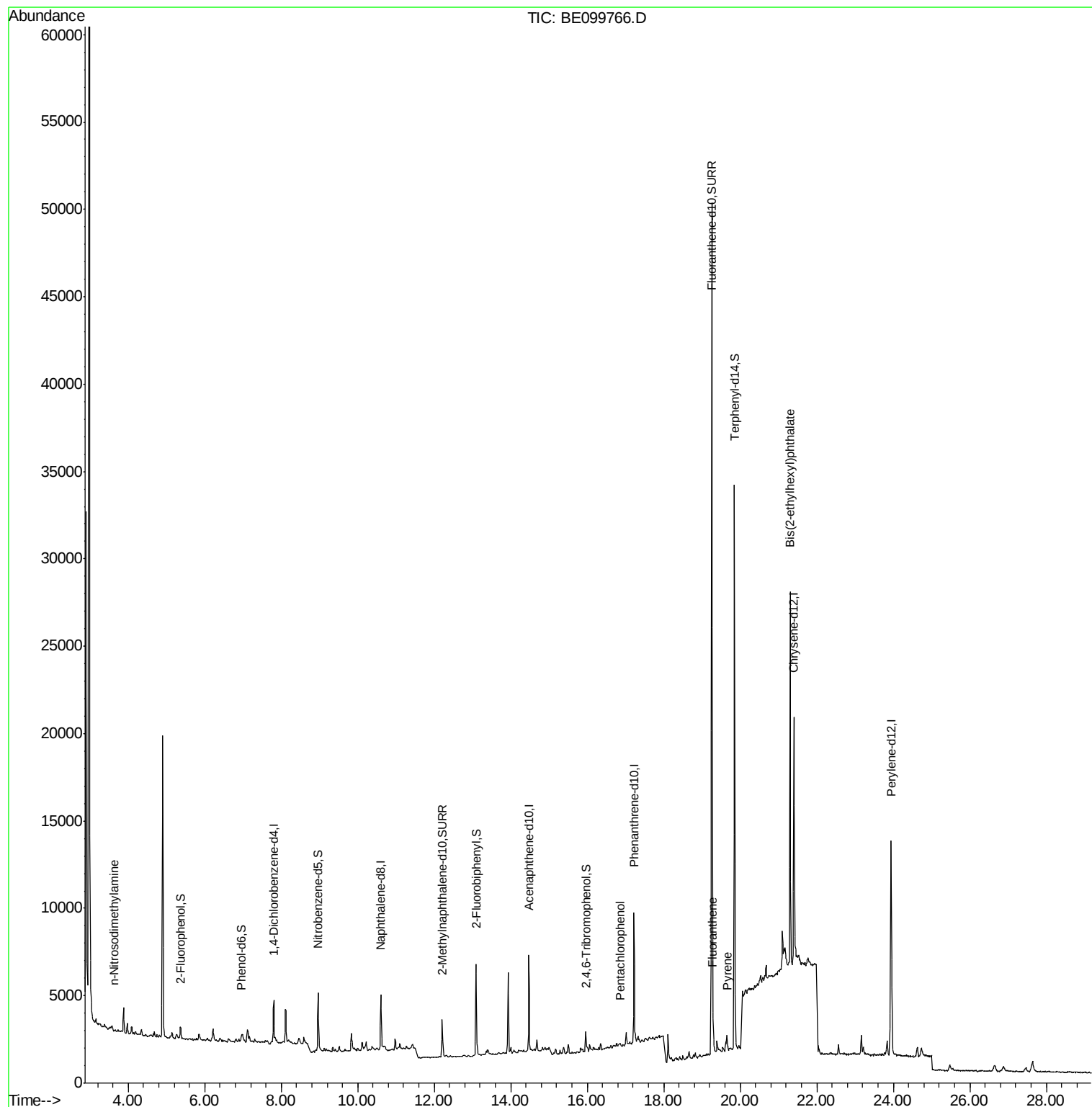
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1216	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	4454	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3500	0.40	ng	-0.01
19) Phenanthrene-d10	17.22	188	10721	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	15251	0.40	ng	-0.01
34) Perylene-d12	23.94	264	18062	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	469	0.15	ng	0.00
5) Phenol-d6	6.96	99	357	0.09	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1628	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3018	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	924	0.47	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6153	0.46	ng	0.00
25) Fluoranthene-d10	19.25	212	66481	0.45	ng	-0.01
29) Terphenyl-d14	19.85	244	28804	1.06	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.62	42	30	0.030	ng	# 3
22) Pentachlorophenol	16.87	266	33	0.198	ng	# 80
26) Fluoranthene	19.29	202	921	0.022	ng	# 80
28) Pyrene	19.65	202	876	0.023	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.31	149	21629	0.433	ng	100

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

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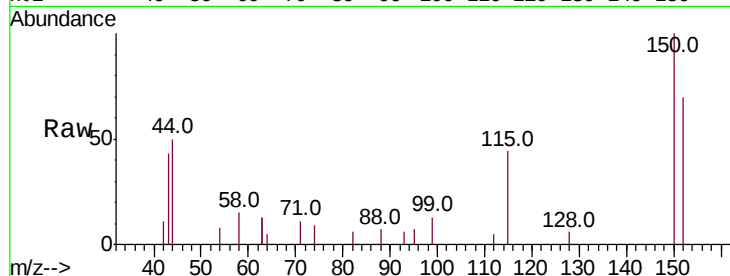


#1

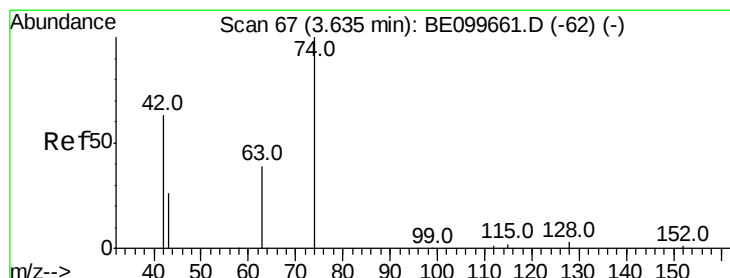
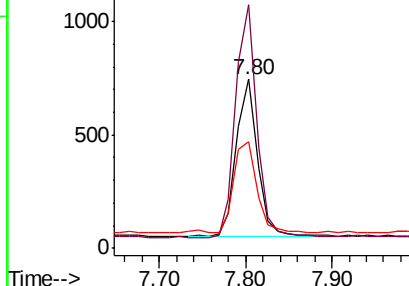
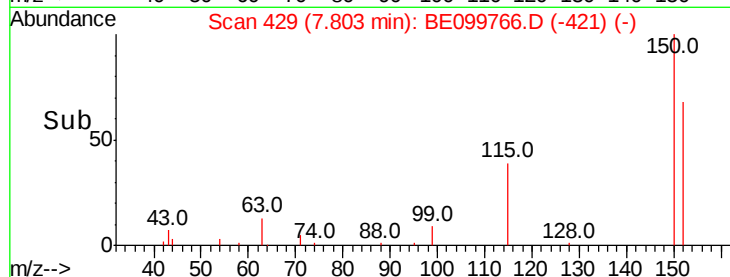
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099766.D
Acq: 28 May 2019 20:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1216
Ion Ratio Lower Upper
152 100
150 143.8 109.2 163.8
115 62.9 43.7 65.5



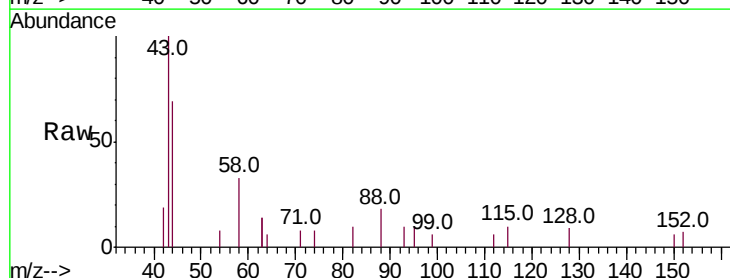
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



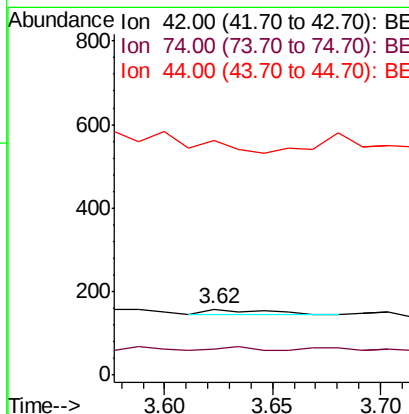
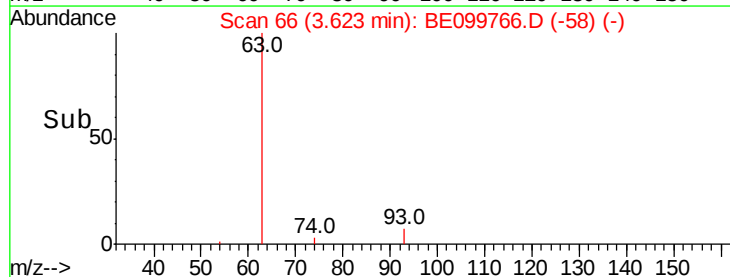
#3

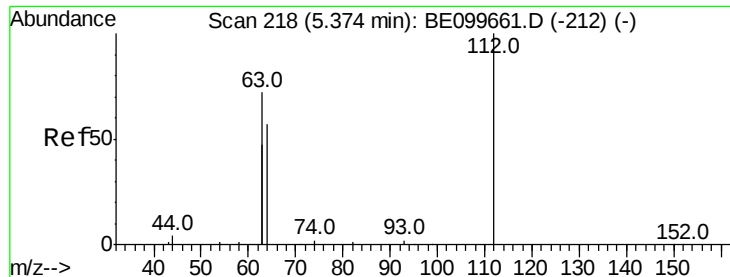
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.01 min
Lab File: BE099766.D
Acq: 28 May 2019 20:43

Tgt Ion: 42 Resp: 30
Ion Ratio Lower Upper
42 100
74 33.3 129.2 193.8#
44 0.0 0.0 0.0



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: 0.153 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

Instrument :

BNA_E

ClientSampleId :

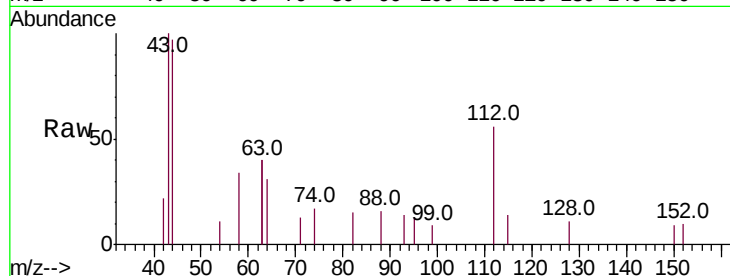
Tot Ion:112 Resp: 469

Ion Ratio Lower Upper

112 100

64 54.6 43.4 65.2

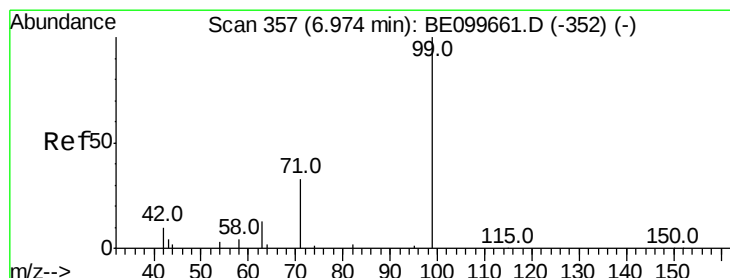
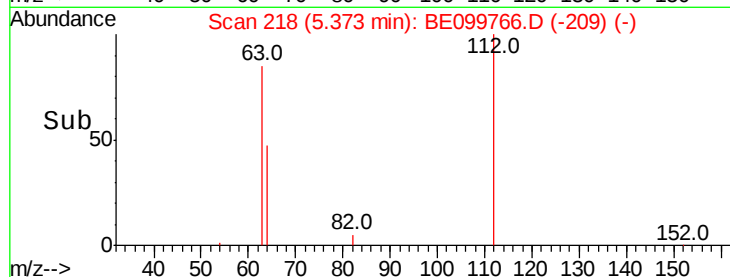
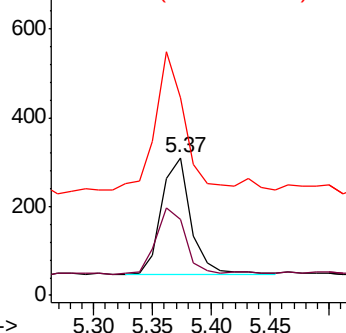
63 113.4 96.9 145.3



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: 0.088 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

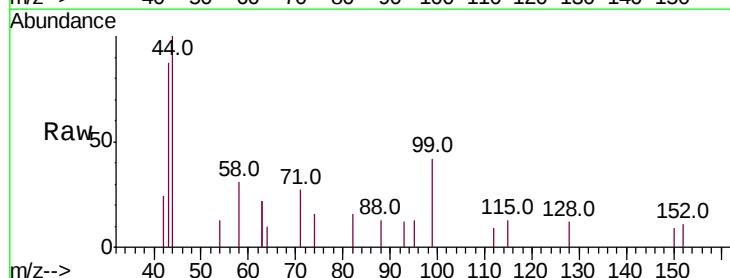
Tgt Ion: 99 Resp: 357

Ion Ratio Lower Upper

99 100

42 16.5 12.2 18.2

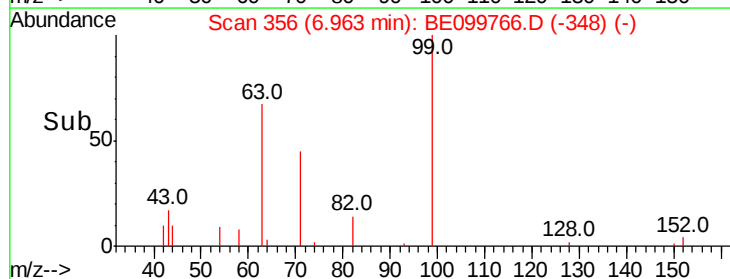
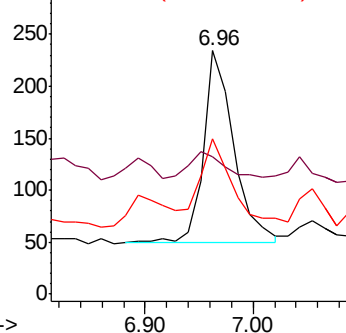
71 38.7 28.9 43.3

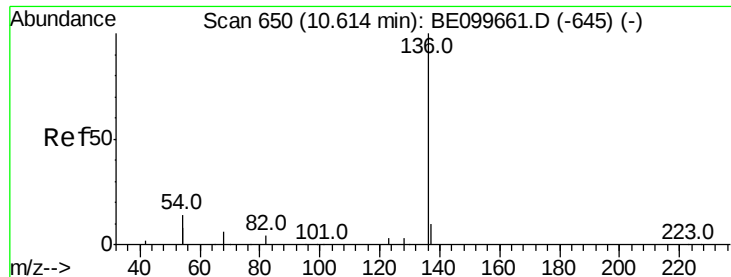


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4454

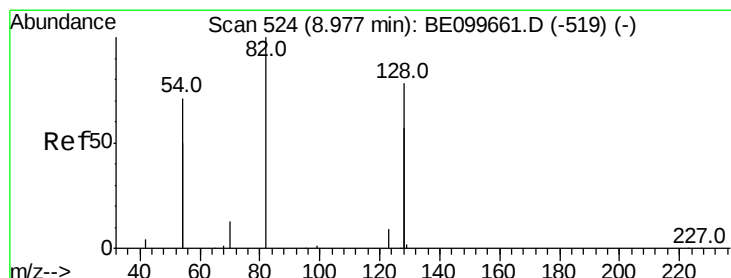
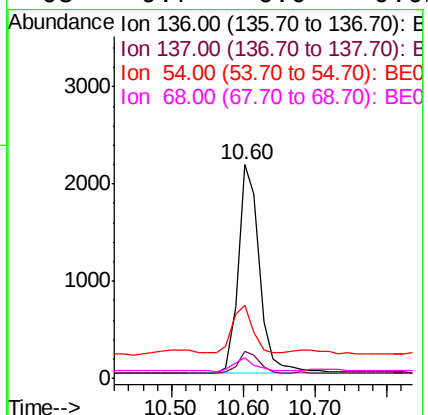
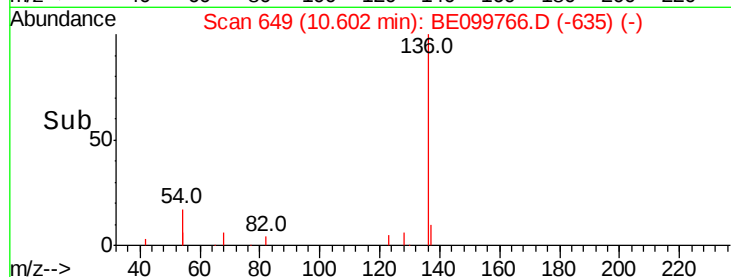
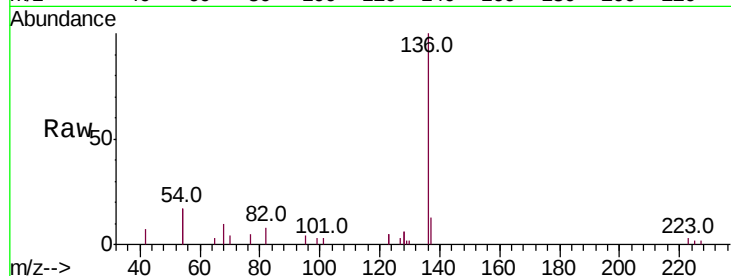
Ion Ratio Lower Upper

136 100

137 12.5 9.0 13.6

54 33.9 22.3 33.5#

68 9.7 6.0 9.0#



#8

Nitrobenzene-d5

Concen: 0.422 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

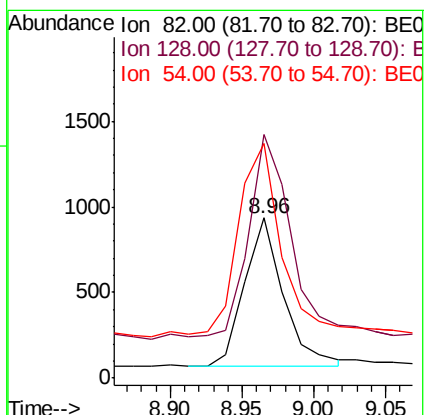
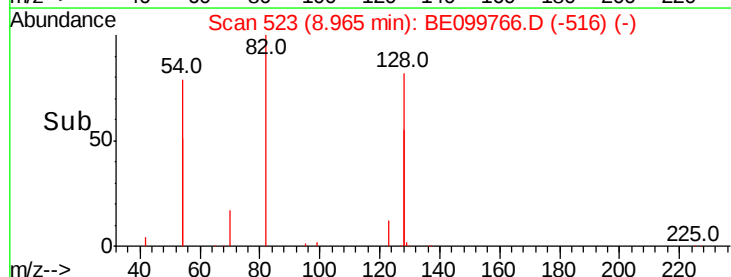
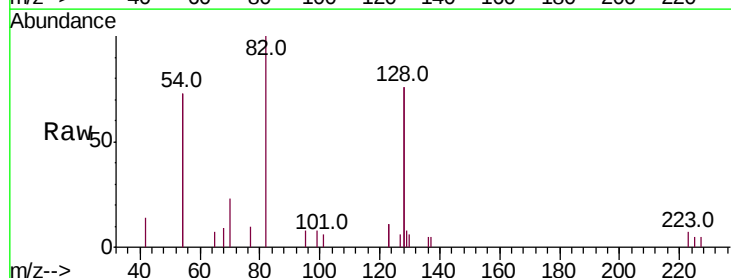
Tgt Ion: 82 Resp: 1628

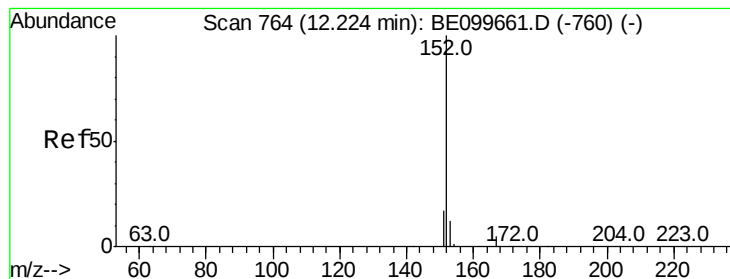
Ion Ratio Lower Upper

82 100

128 151.9 117.7 176.5

54 146.4 106.6 160.0





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

Instrument :

BNA_E

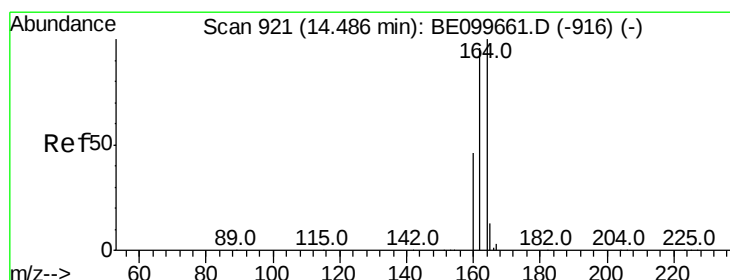
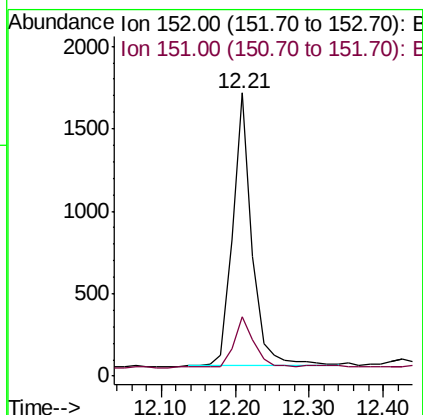
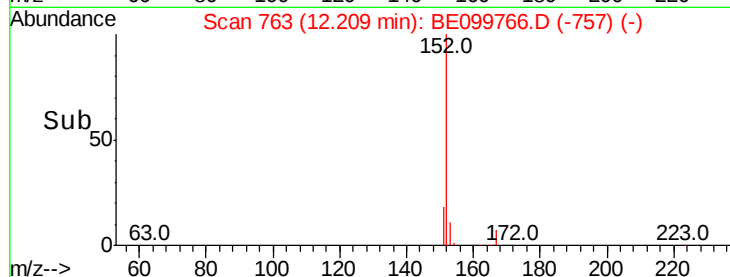
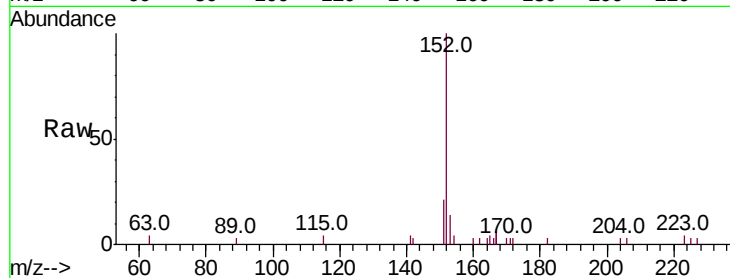
ClientSampleId :

Tot Ion:152 Resp: 3018

Ion Ratio Lower Upper

152 100

151 18.4 15.0 22.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.01 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

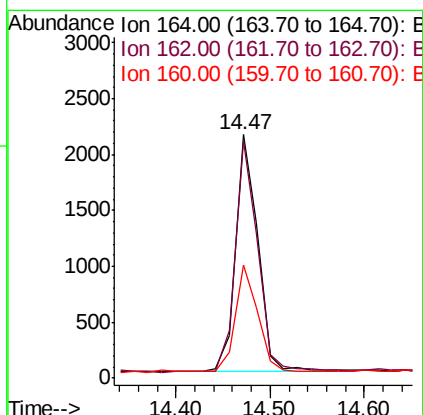
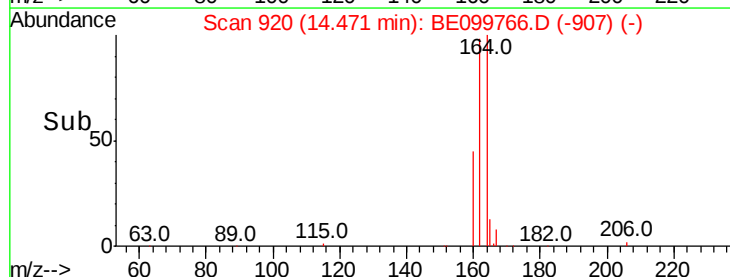
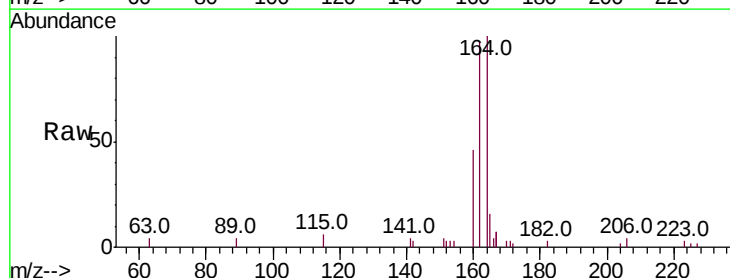
Tgt Ion:164 Resp: 3500

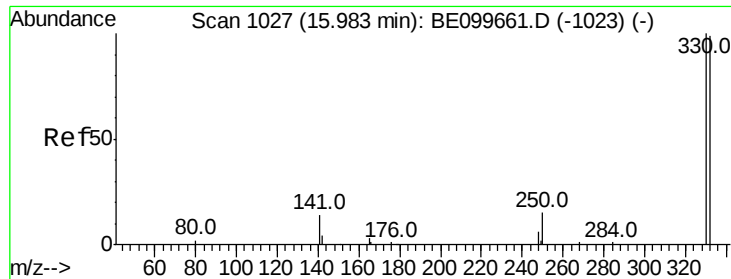
Ion Ratio Lower Upper

164 100

162 97.2 76.5 114.7

160 46.4 37.4 56.2





#14

2,4,6-Tribromophenol

Concen: 0.474 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

Instrument :

BNA_E

ClientSampleId :

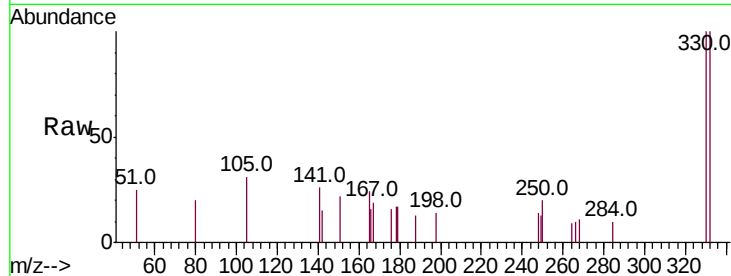
Tot Ion:330 Resp: 924

Ion Ratio Lower Upper

330 100

332 90.8 77.3 115.9

141 28.2 18.9 28.3

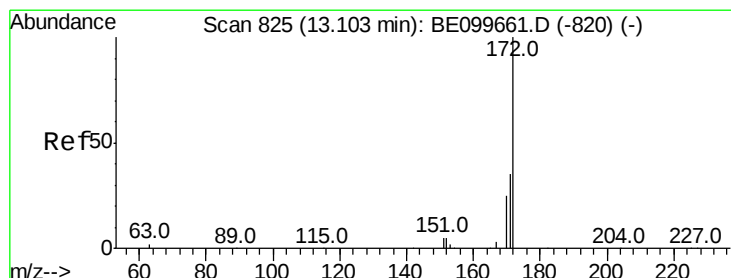
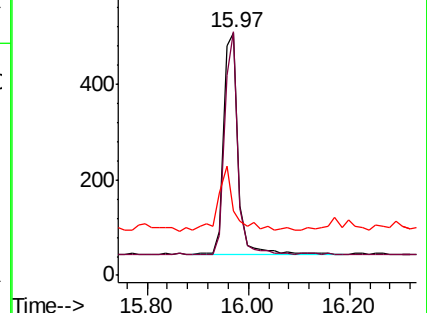
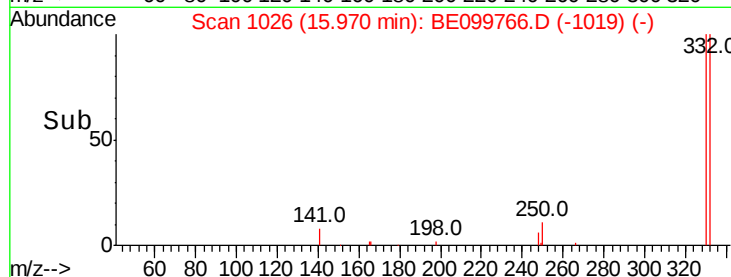


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#15

2-Fluorobiphenyl

Concen: 0.463 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

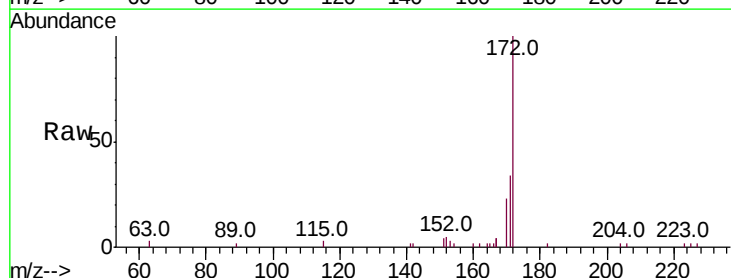
Tgt Ion:172 Resp: 6153

Ion Ratio Lower Upper

172 100

171 33.8 28.7 43.1

170 22.7 20.9 31.3

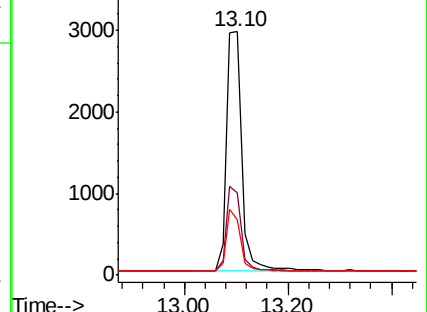
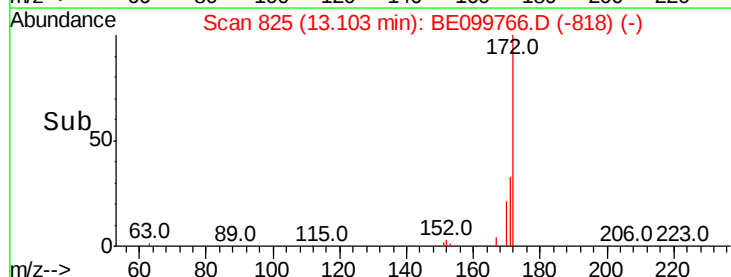


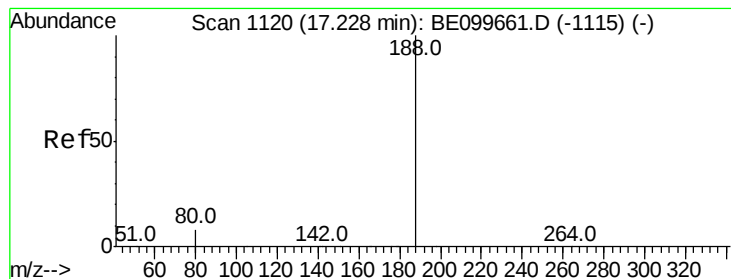
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

Instrument :

BNA_E

ClientSampleId :

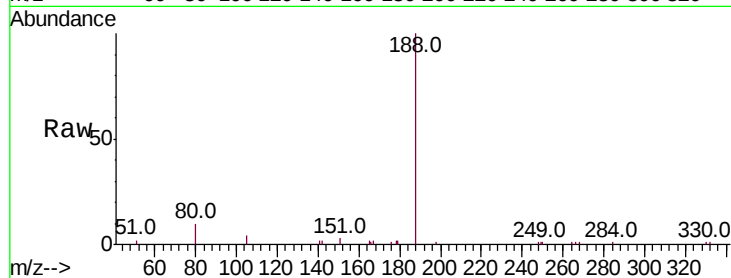
Tot Ion:188 Resp: 10721

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

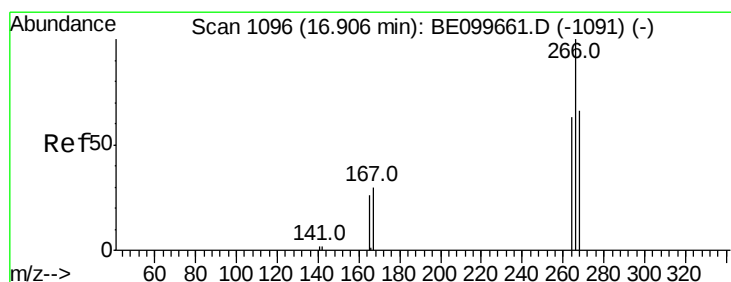
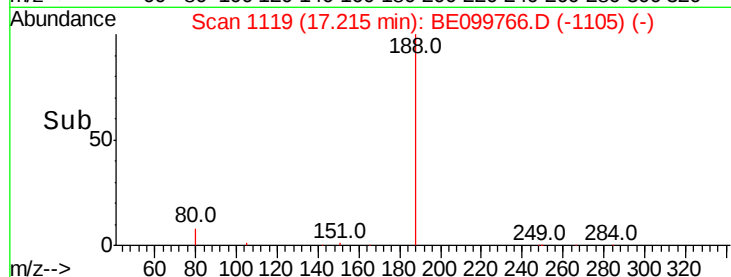
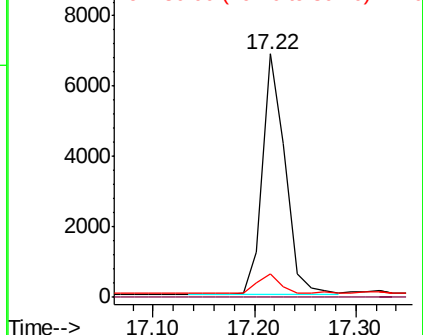
80 9.8 6.7 10.1



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: 0.198 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

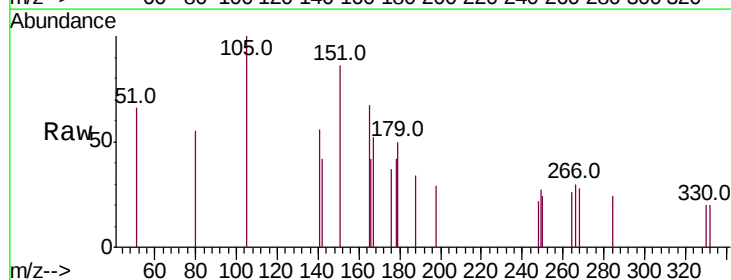
Tgt Ion:266 Resp: 33

Ion Ratio Lower Upper

266 100

264 86.6 57.2 85.8#

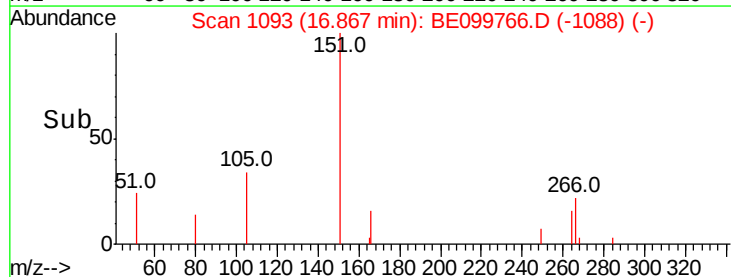
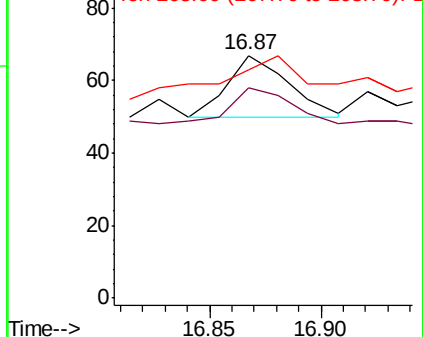
268 94.0 60.5 90.7#

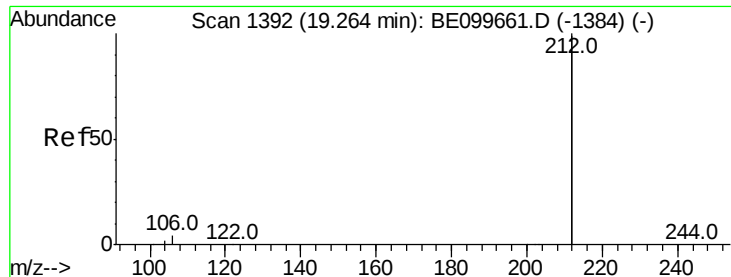


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.454 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

Instrument :

BNA_E

ClientSampleId :

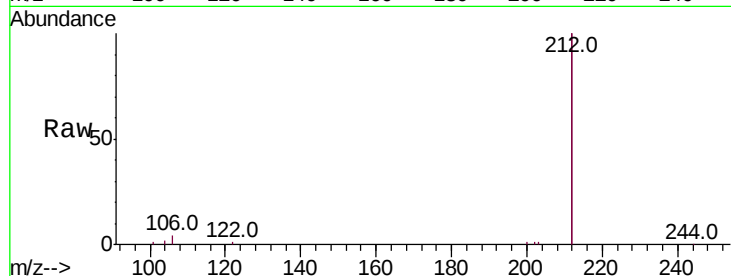
Tot Ion:212 Resp: 66481

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

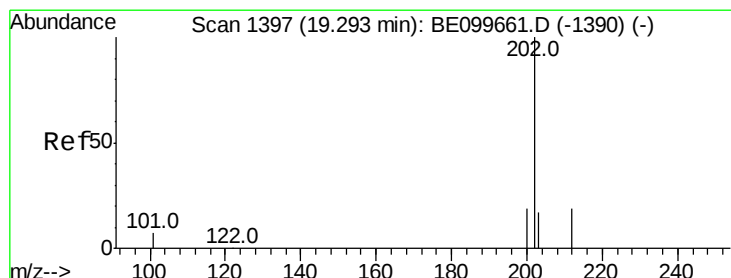
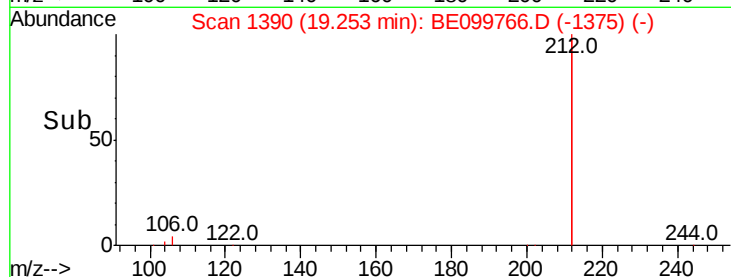
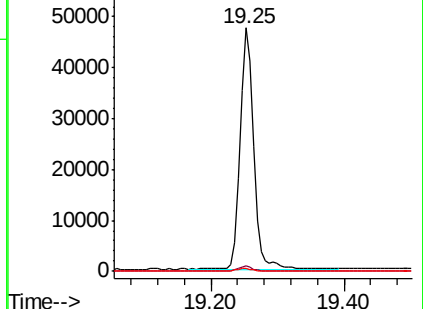
104 1.1 0.8 1.2



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



#26

Fluoranthene

Concen: 0.022 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

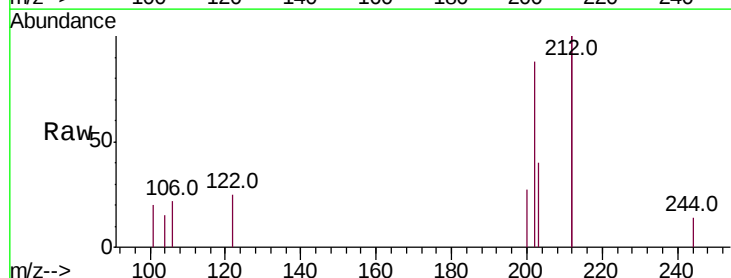
Tgt Ion:202 Resp: 921

Ion Ratio Lower Upper

202 100

101 18.6 5.2 7.8#

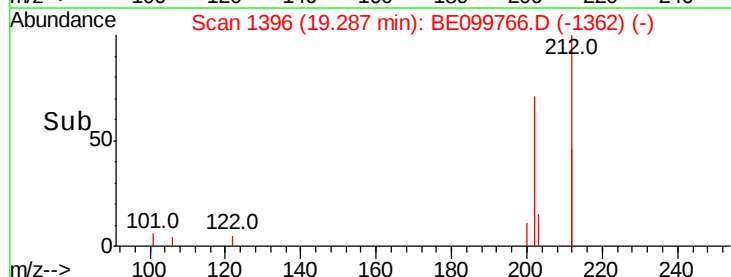
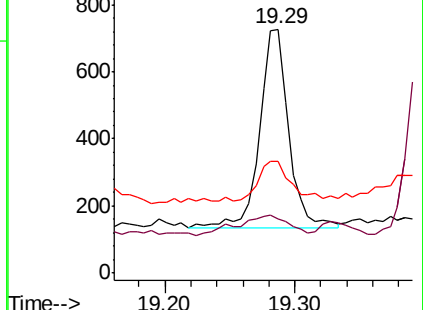
203 23.5 13.8 20.6#

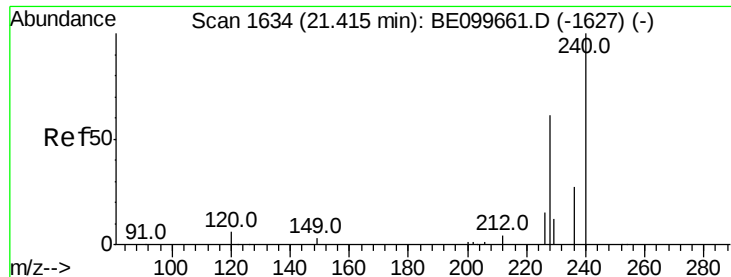


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

Instrument :

BNA_E

ClientSampleId :

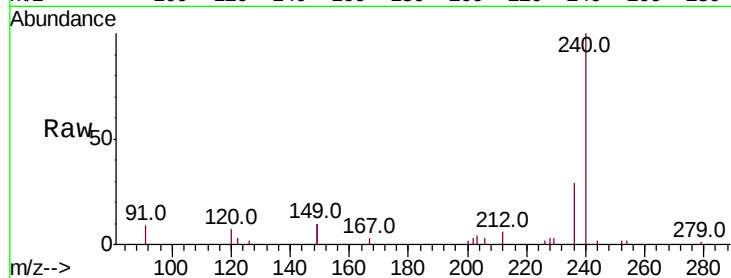
Tot Ion:240 Resp: 15251

Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.0

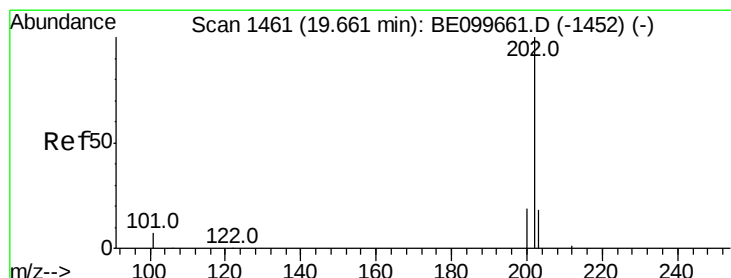
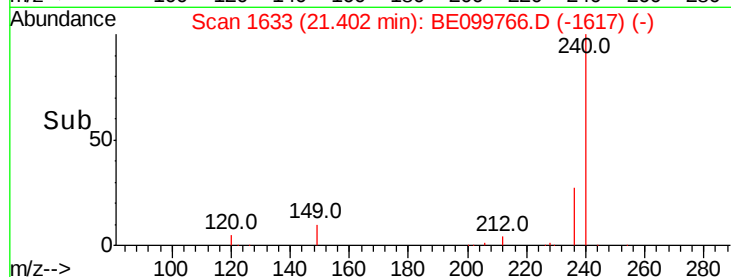
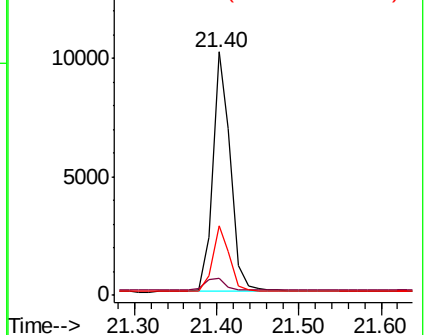
236 28.5 21.7 32.5



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



#28

Pyrene

Concen: 0.023 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

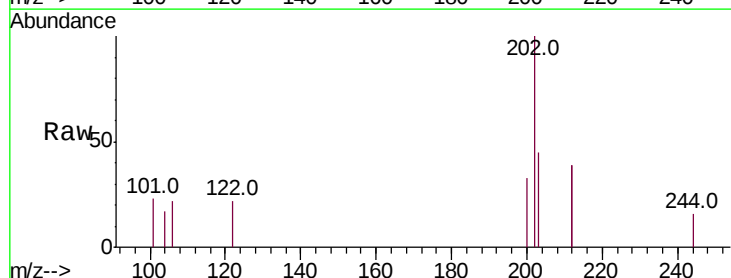
Tgt Ion:202 Resp: 876

Ion Ratio Lower Upper

202 100

200 24.3 15.4 23.2#

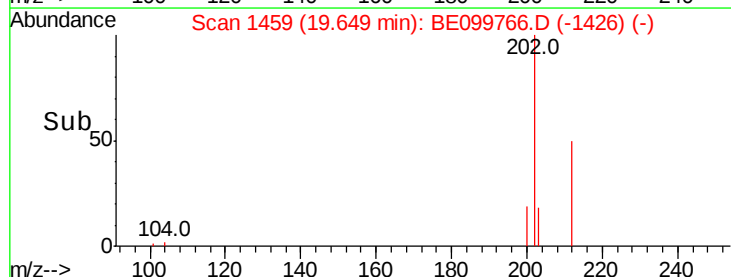
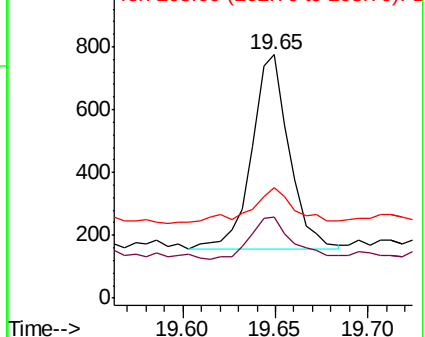
203 22.4 13.8 20.8#

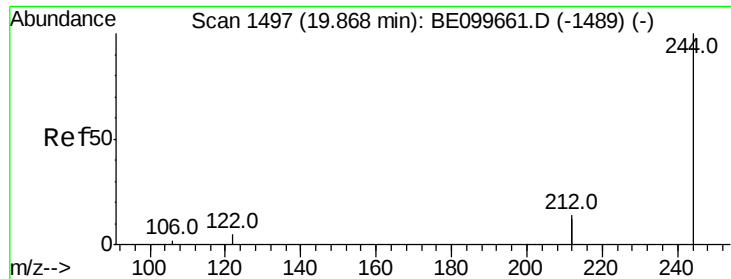


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.058 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

Instrument :

BNA_E

ClientSampleId :

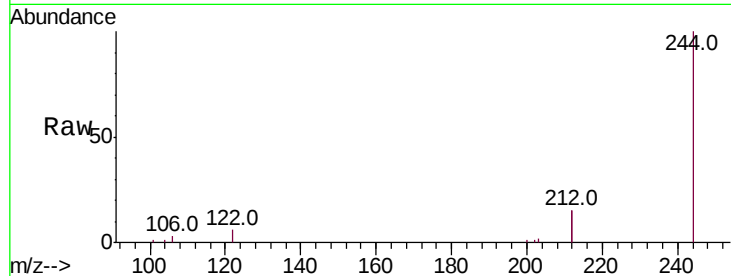
Tot Ion:244 Resp: 28804

Ion Ratio Lower Upper

244 100

212 30.0 22.5 33.7

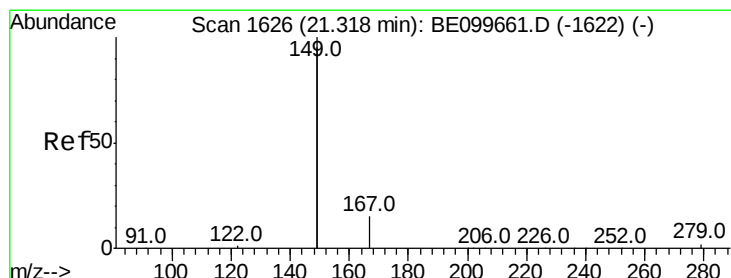
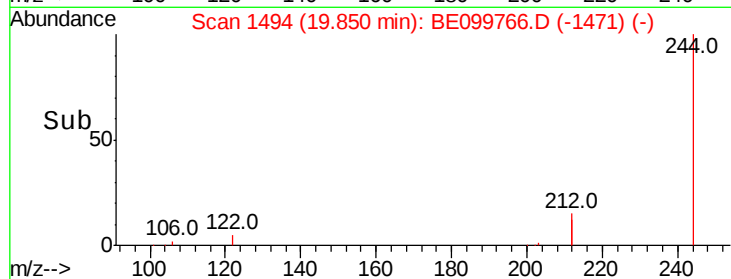
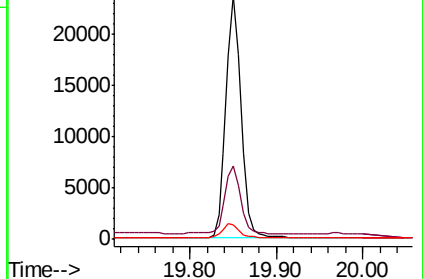
122 6.0 4.3 6.5



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: 0.433 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099766.D

Acq: 28 May 2019 20:43

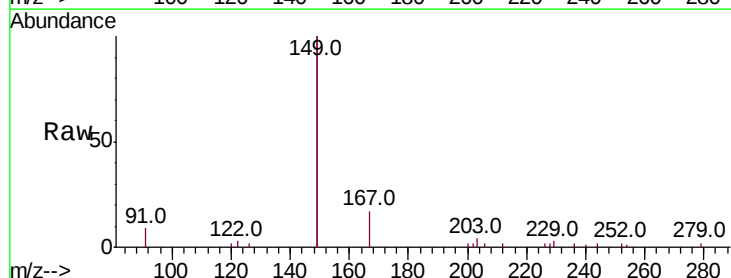
Tgt Ion:149 Resp: 21629

Ion Ratio Lower Upper

149 100

167 7.8 6.2 9.4

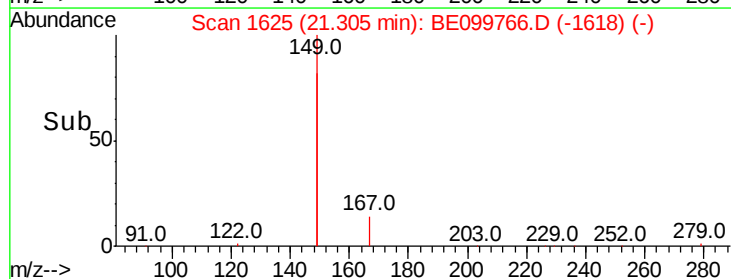
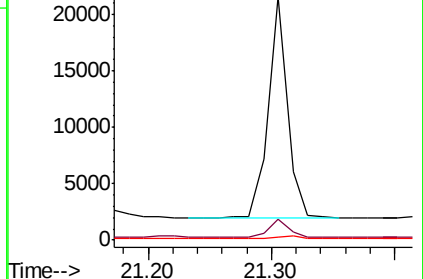
279 1.5 1.2 1.8

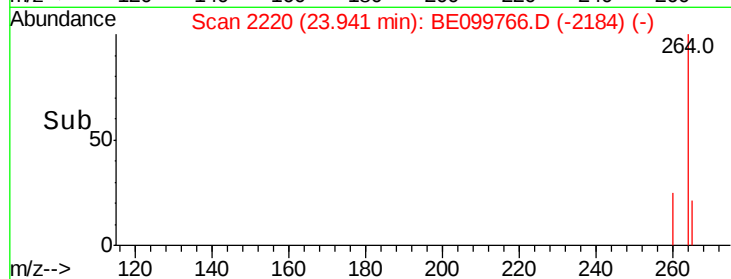
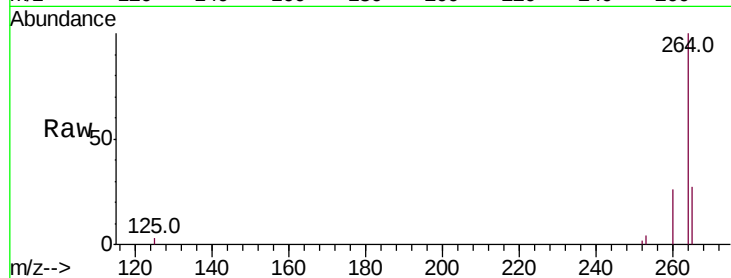
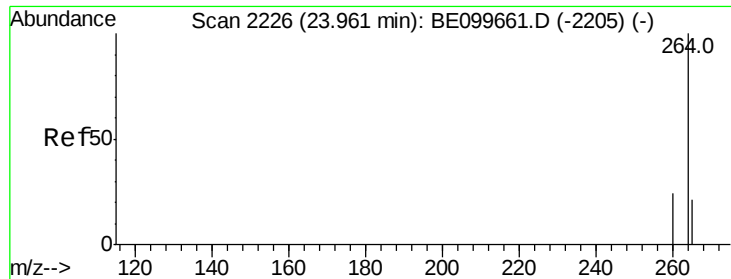


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE099766.D

Acq: 28 May 2019 20:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 18062

Ion Ratio Lower Upper

264 100

260 25.6 19.6 29.4

265 27.4 19.1 28.7

