

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051719\
 Data File : BE099655.D
 Acq On : 17 May 2019 16:50
 Operator : JU/SJ
 Sample : K2811-02DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 17 18:28:13 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

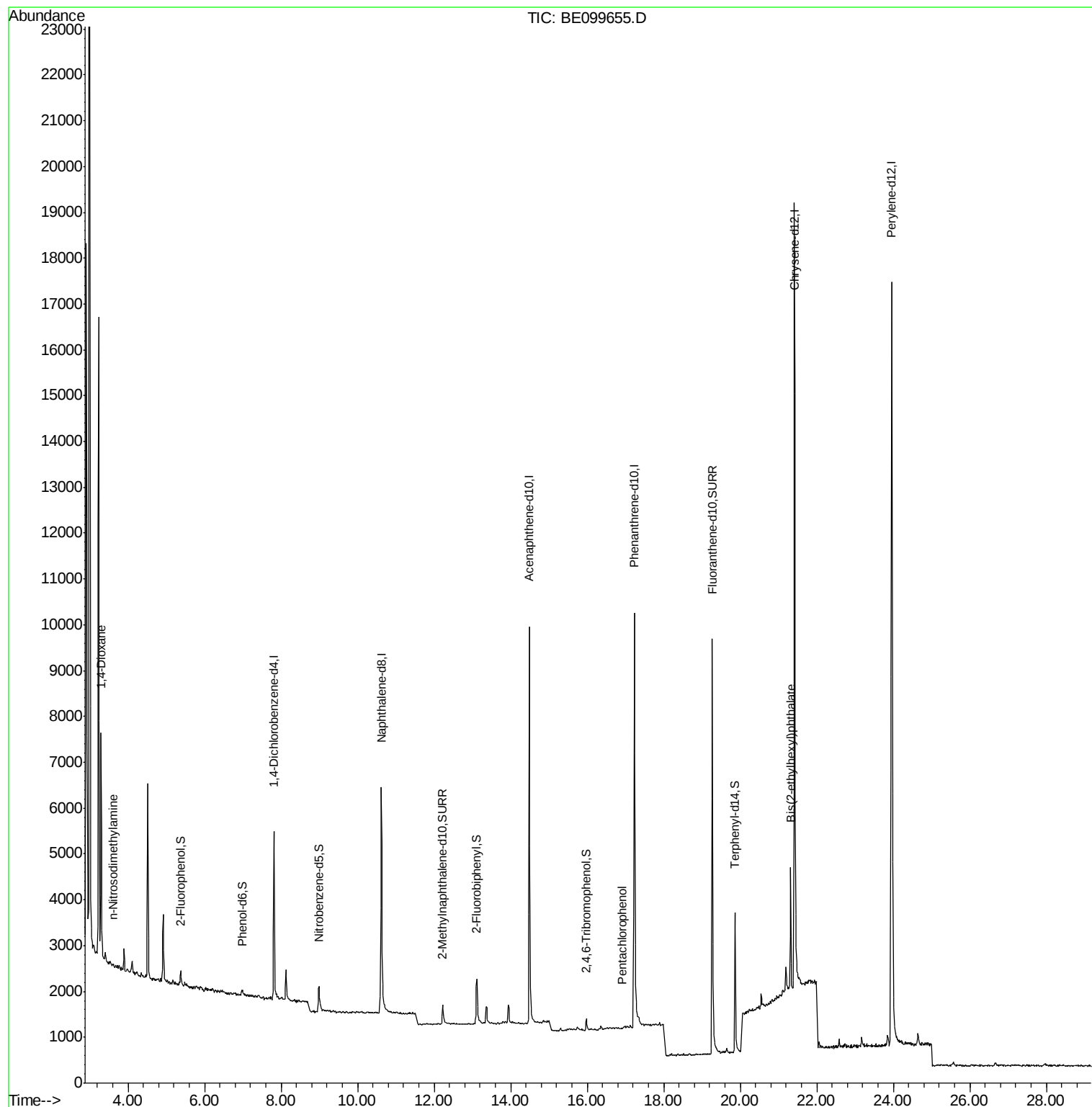
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2144	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	7596	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	5573	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	16707	0.40	ng	0.00
27) Chrysene-d12	21.41	240	22417	0.40	ng	0.00
34) Perylene-d12	23.96	264	28515	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	214	0.04	ng	0.00
5) Phenol-d6	6.98	99	158	0.02	ng	0.00
8) Nitrobenzene-d5	8.99	82	415	0.06	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	859	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	231	0.06	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	1515	0.07	ng	0.02
25) Fluoranthene-d10	19.27	212	15127	0.07	ng	0.00
29) Terphenyl-d14	19.86	244	3545	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	3591	1.136	ng	Qvalue 91
3) n-Nitrosodimethylamine	3.61	42	52	0.026	ng	# 17
22) Pentachlorophenol	16.92	266	10	0.277	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.32	149	3138	0.030	ng	# 99

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

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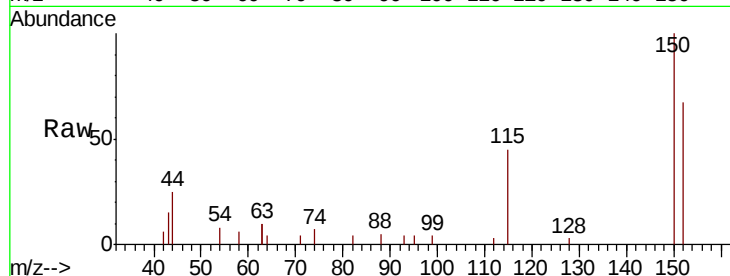


#1

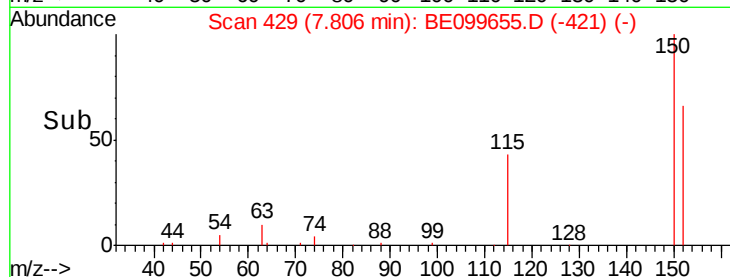
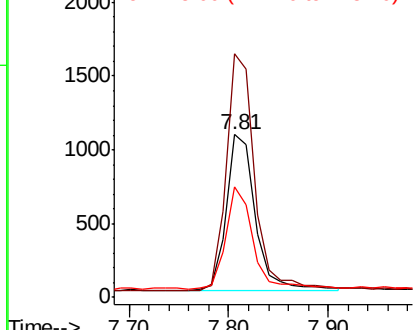
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099655.D
Acq: 17 May 2019 16:50

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2144
Ion Ratio Lower Upper
152 100
150 150.0 110.1 165.1
115 68.2 46.2 69.4



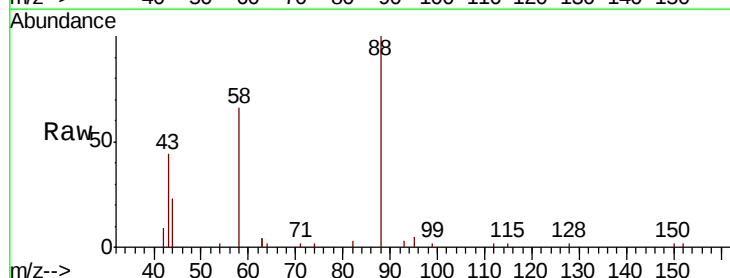
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



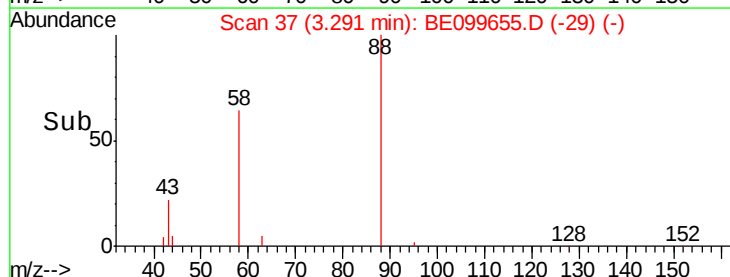
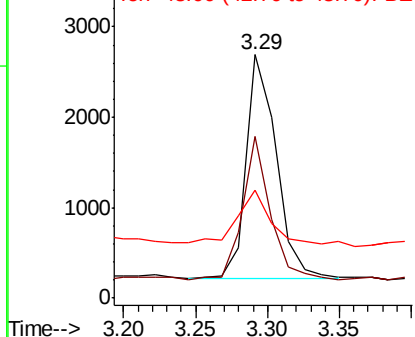
#2

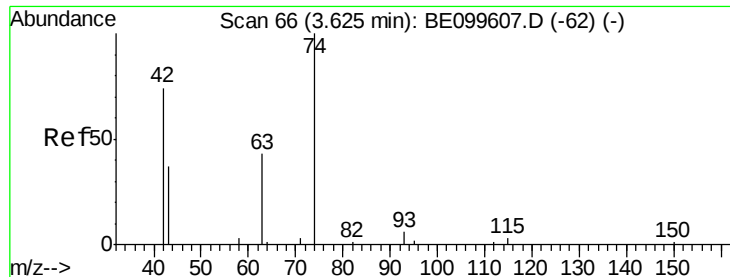
1,4-Dioxane
Concen: 1.136 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099655.D
Acq: 17 May 2019 16:50

Tgt Ion: 88 Resp: 3591
Ion Ratio Lower Upper
88 100
58 58.6 39.8 59.6
43 24.9 21.0 31.6



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





#3

n-Nitrosodimethylamine

Concen: 0.026 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE099655.D

Acq: 17 May 2019 16:50

Instrument :

BNA_E

ClientSampleId :

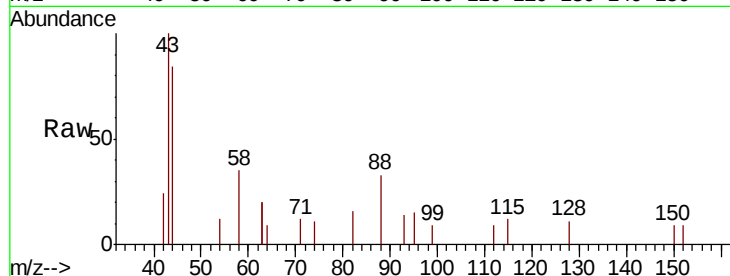
Tot Ion: 42 Resp: 52

Ion Ratio Lower Upper

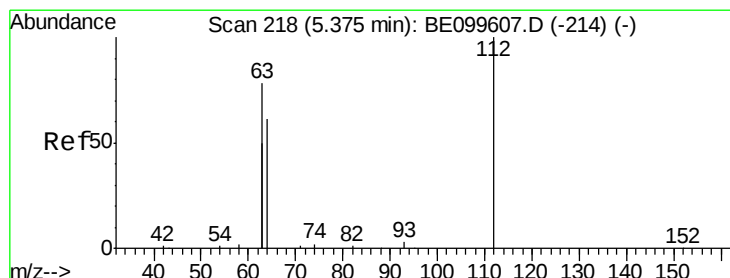
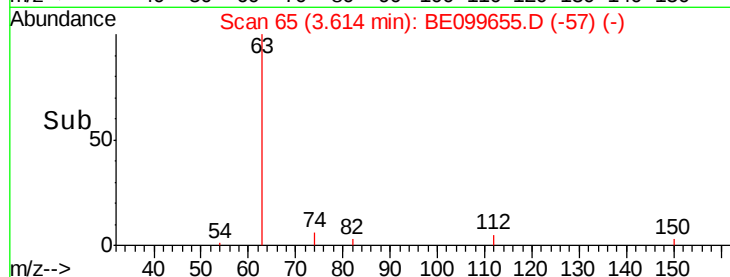
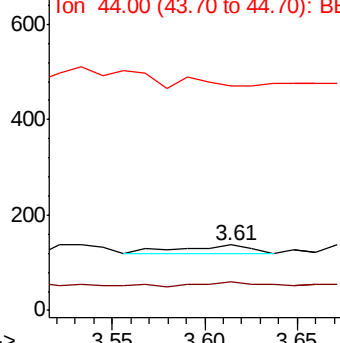
42 100

74 50.0 134.7 202.1#

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: 0.035 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099655.D

Acq: 17 May 2019 16:50

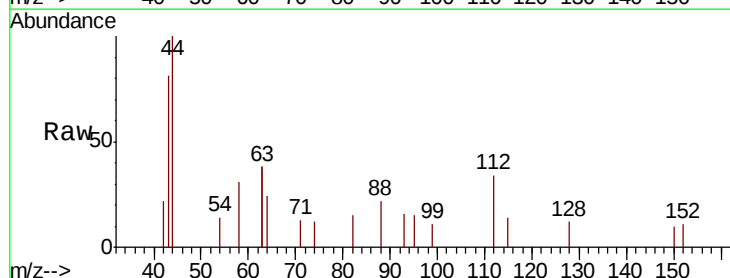
Tgt Ion: 112 Resp: 214

Ion Ratio Lower Upper

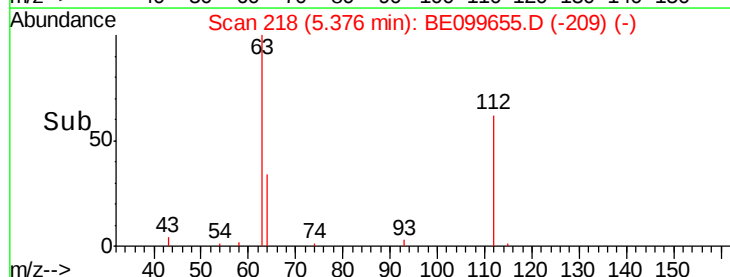
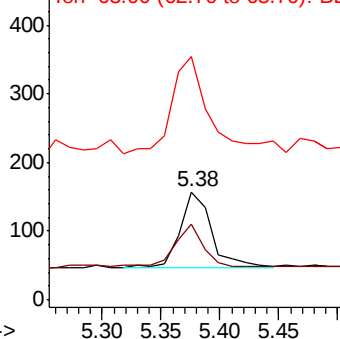
112 100

64 46.7 43.7 65.5

63 153.7 94.0 141.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.020 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099655.D

Acq: 17 May 2019 16:50

Instrument :

BNA_E

ClientSampled :

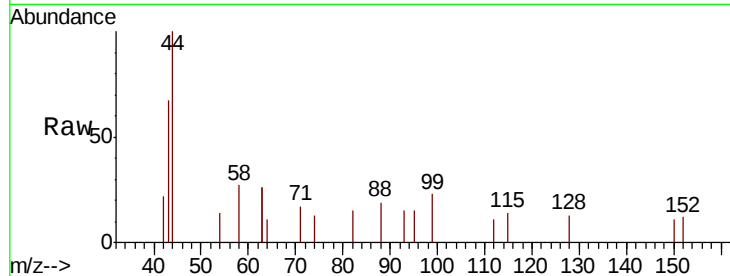
Tot Ion: 99 Resp: 158

Ion Ratio Lower Upper

99 100

42 17.7 14.3 21.5

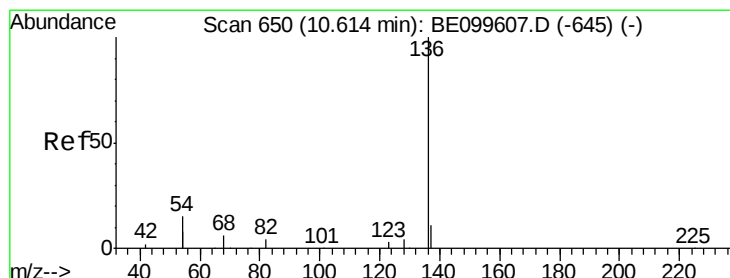
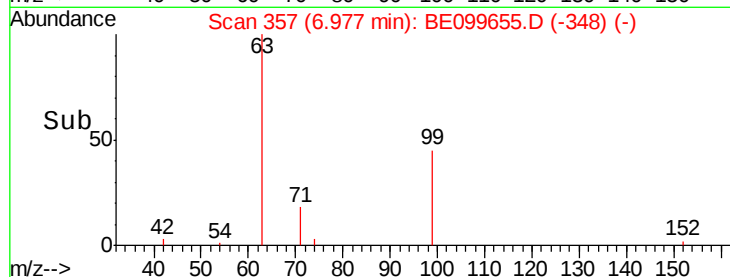
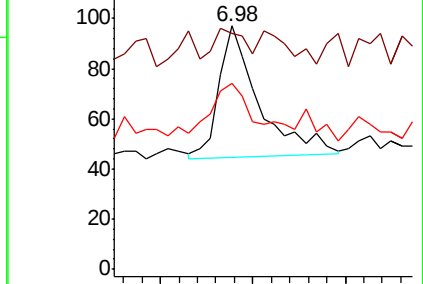
71 42.4 33.1 49.7



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: BE099655.D

Acq: 17 May 2019 16:50

Tgt Ion: 136 Resp: 7596

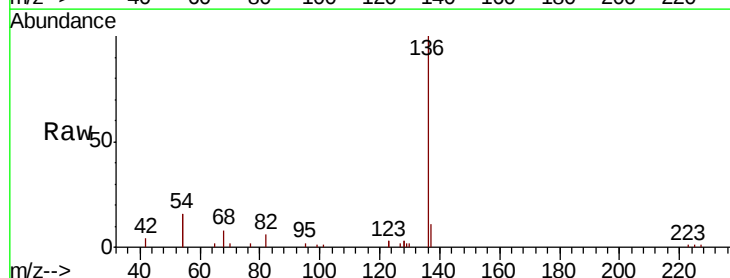
Ion Ratio Lower Upper

136 100

137 11.3 9.7 14.5

54 31.1 23.8 35.8

68 8.1 6.2 9.2

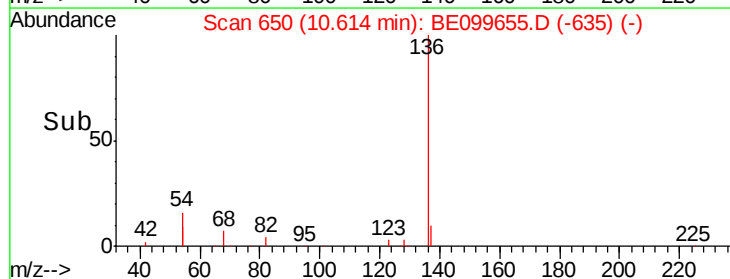
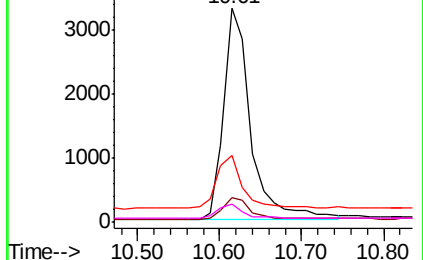


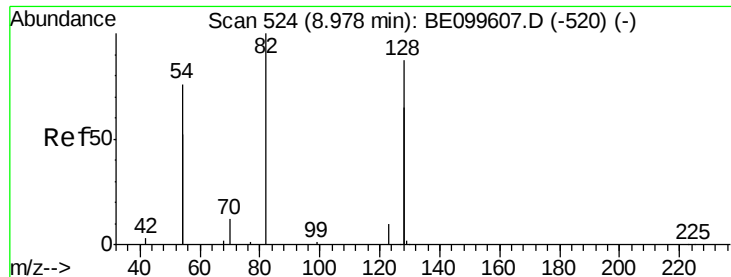
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.056 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099655.D

Acq: 17 May 2019 16:50

Instrument :

BNA_E

ClientSampled :

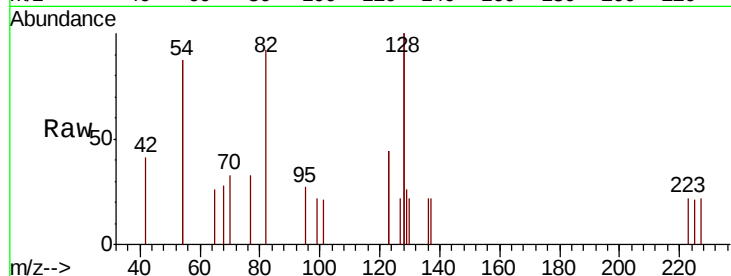
Tot Ion: 82 Resp: 415

Ion Ratio Lower Upper

82 100

128 218.0 131.4 197.2#

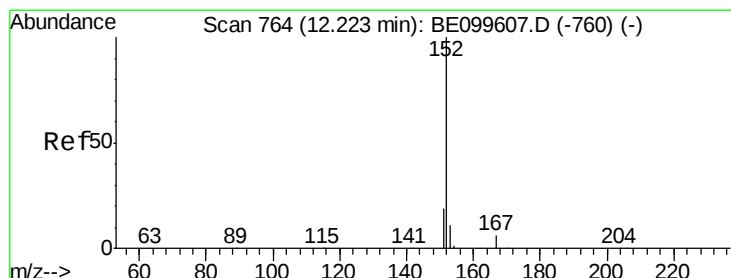
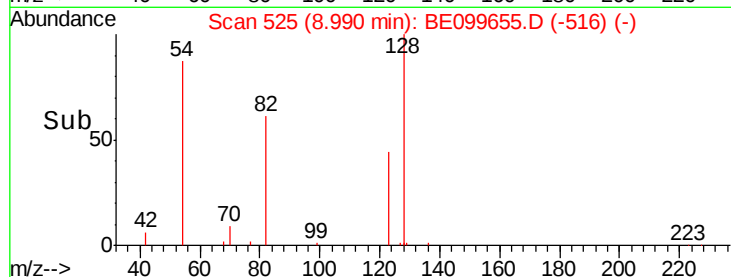
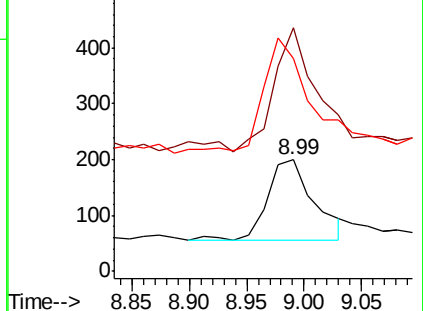
54 190.0 113.9 170.9#



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: 0.067 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099655.D

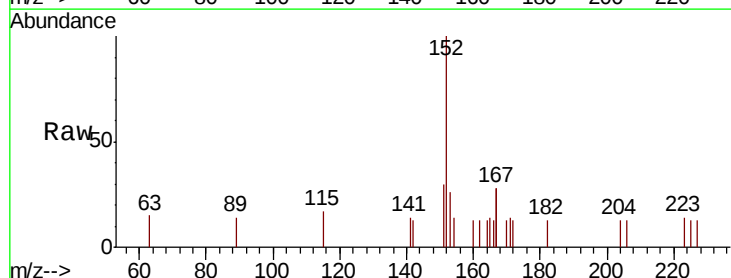
Acq: 17 May 2019 16:50

Tgt Ion: 152 Resp: 859

Ion Ratio Lower Upper

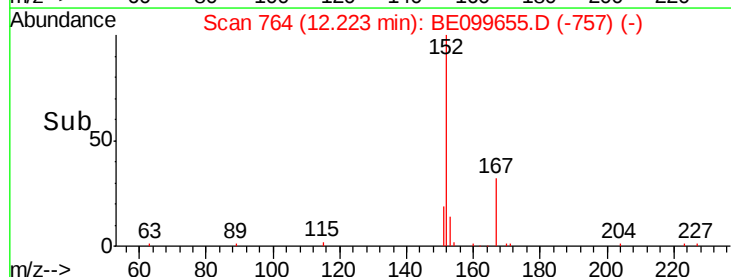
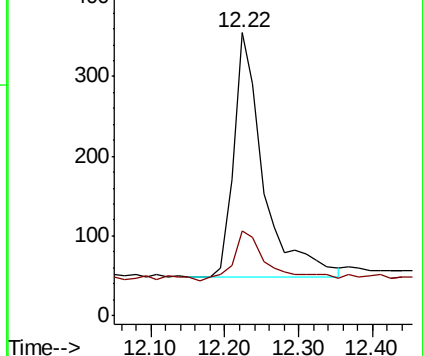
152 100

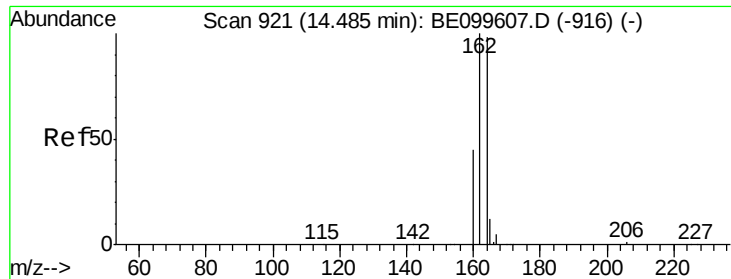
151 23.3 15.3 22.9#



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: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099655.D

Acq: 17 May 2019 16:50

Instrument :

BNA_E

ClientSampleId :

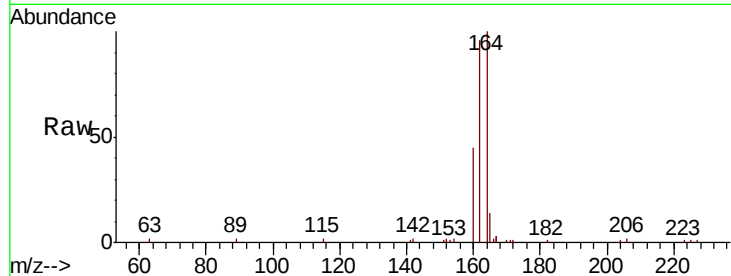
Tot Ion:164 Resp: 5573

Ion Ratio Lower Upper

164 100

162 96.3 81.4 122.0

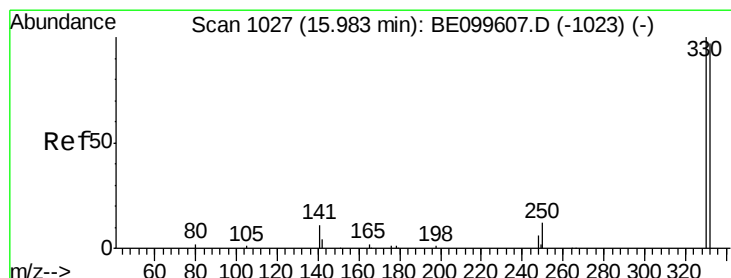
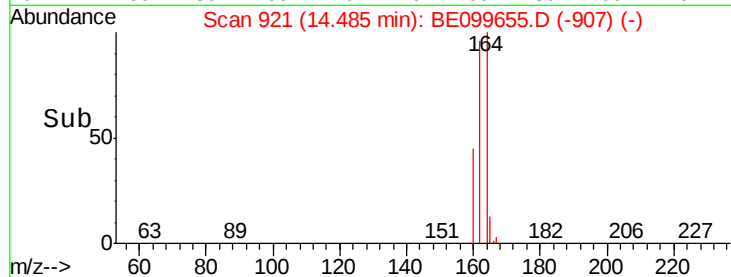
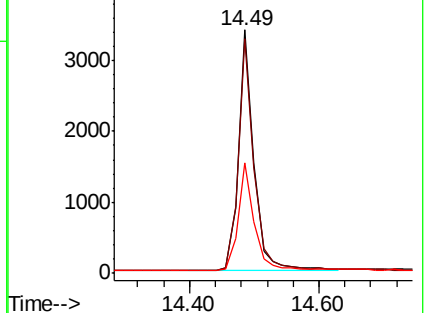
160 45.4 37.4 56.2



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: 0.061 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099655.D

Acq: 17 May 2019 16:50

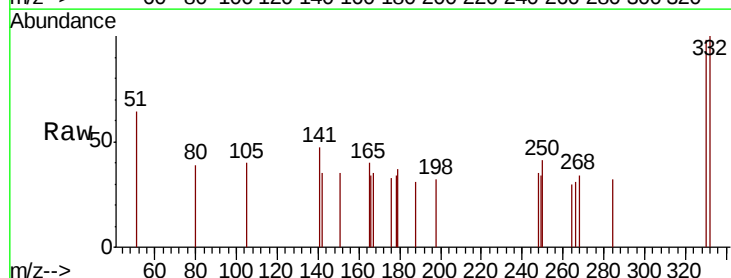
Tgt Ion:330 Resp: 231

Ion Ratio Lower Upper

330 100

332 88.3 73.8 110.8

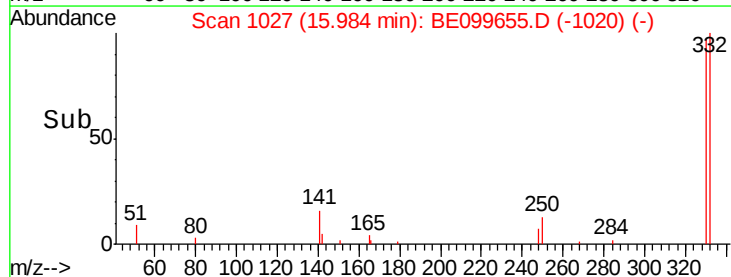
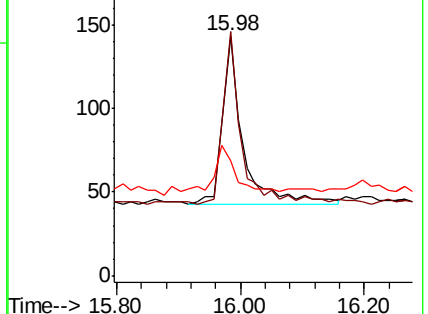
141 26.4 21.0 31.6

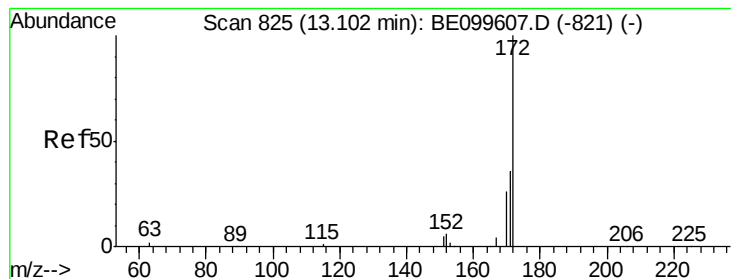


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

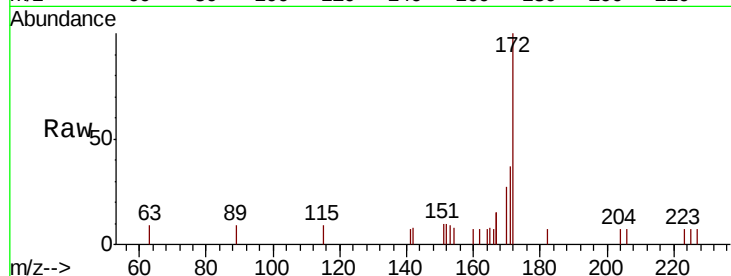




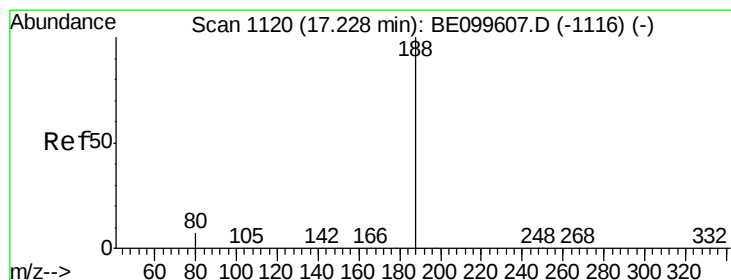
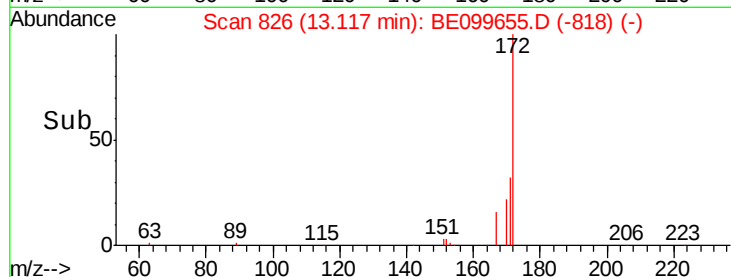
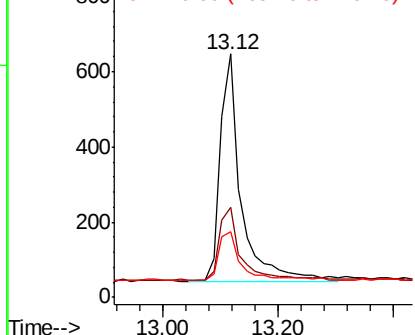
#15
 2-Fluorobiphenyl
 Concen: 0.071 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.02 min
 Lab File: BE099655.D
 Acq: 17 May 2019 16:50

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:172 Resp: 1515
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 27.2 21.5 32.3

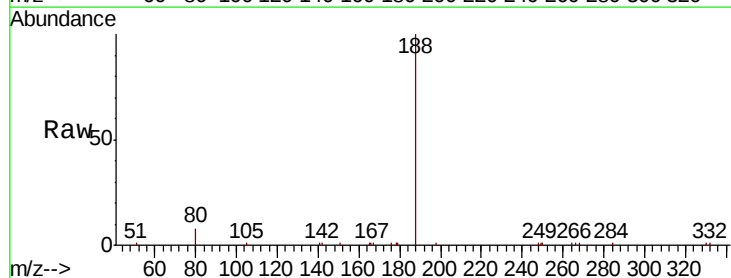


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

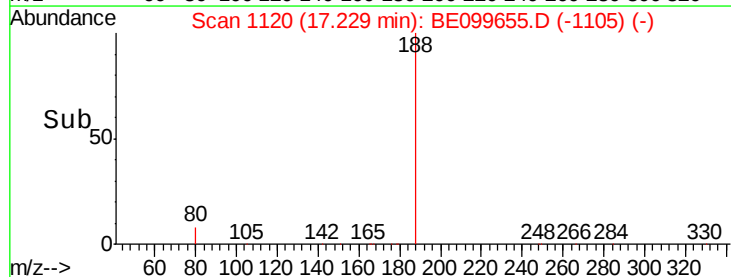
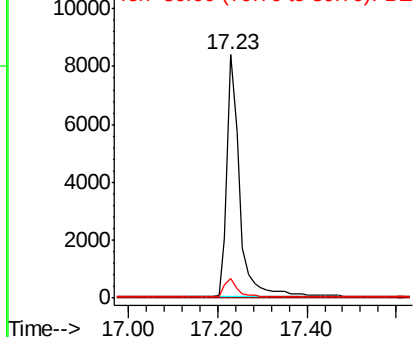


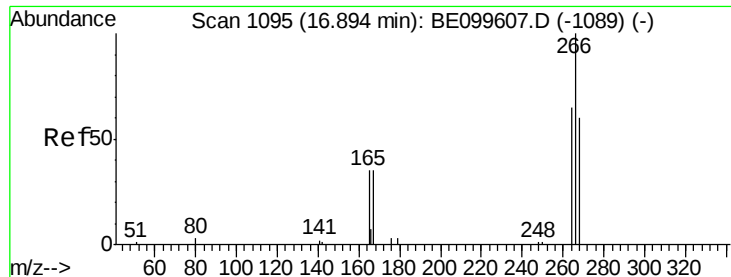
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE099655.D
 Acq: 17 May 2019 16:50

Tgt Ion:188 Resp: 16707
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.1 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: 0.277 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE099655.D

Acq: 17 May 2019 16:50

Instrument :

BNA_E

ClientSampleId :

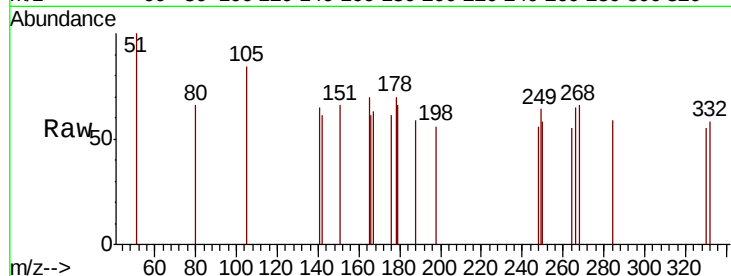
Tot Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 84.6 57.7 86.5

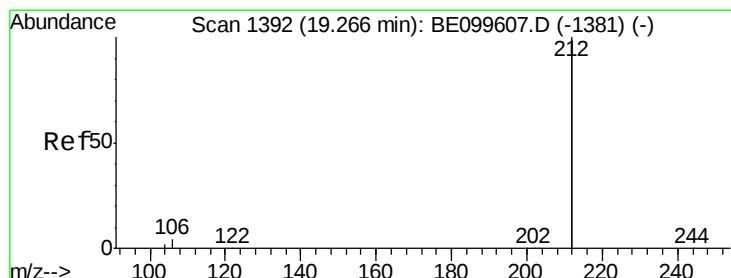
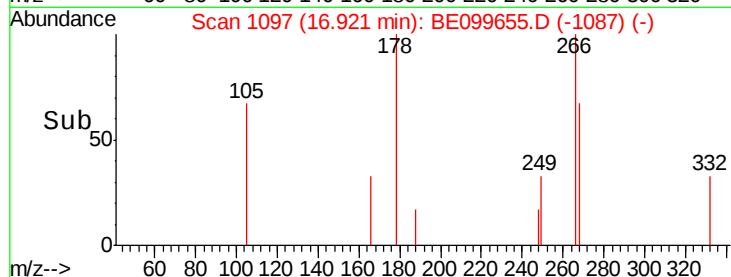
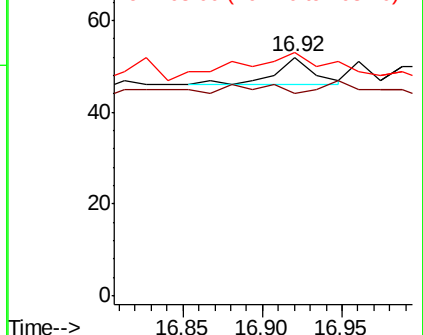
268 101.9 55.8 83.8#



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: 0.068 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099655.D

Acq: 17 May 2019 16:50

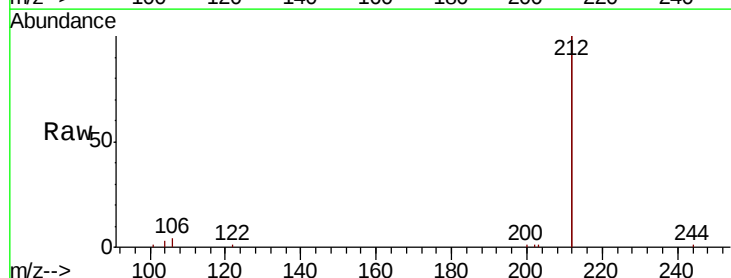
Tgt Ion:212 Resp: 15127

Ion Ratio Lower Upper

212 100

106 2.0 1.4 2.2

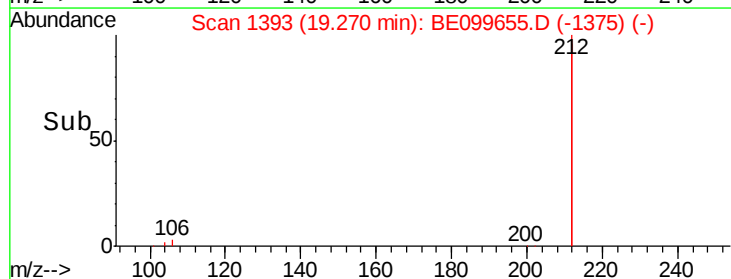
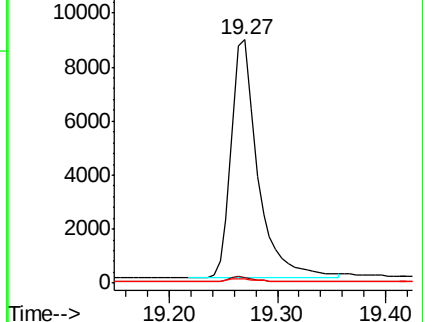
104 1.3 0.9 1.3

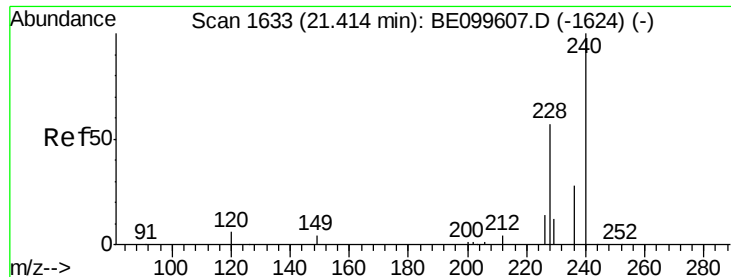


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE099655.D

Acq: 17 May 2019 16:50

Instrument :

BNA_E

ClientSampleId :

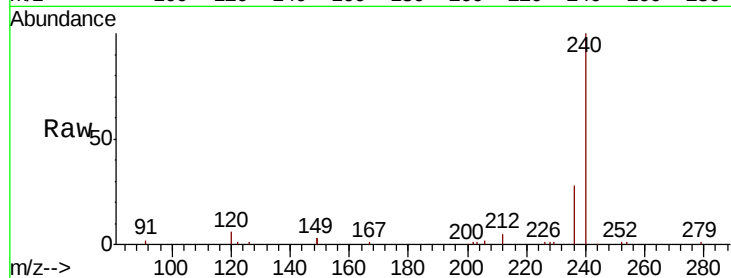
Tot Ion:240 Resp: 22417

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

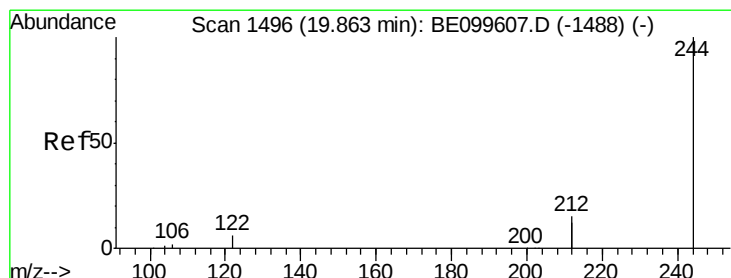
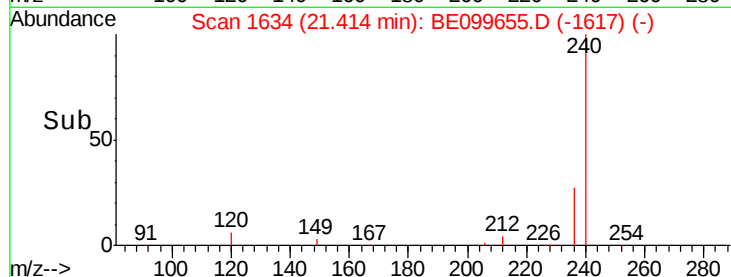
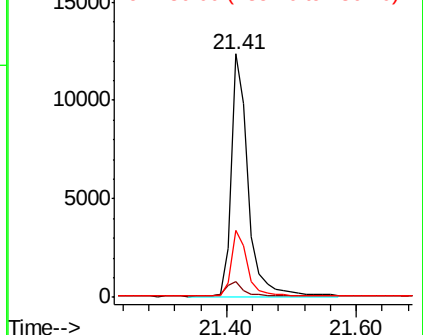
236 27.7 22.8 34.2



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: 0.088 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099655.D

Acq: 17 May 2019 16:50

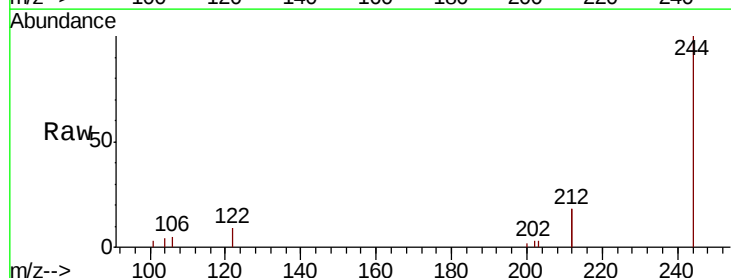
Tgt Ion:244 Resp: 3545

Ion Ratio Lower Upper

244 100

212 36.6 23.8 35.6#

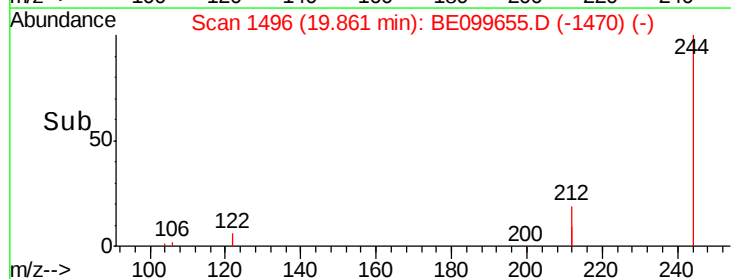
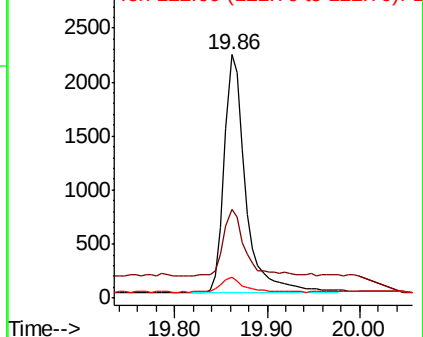
122 8.8 5.0 7.6#

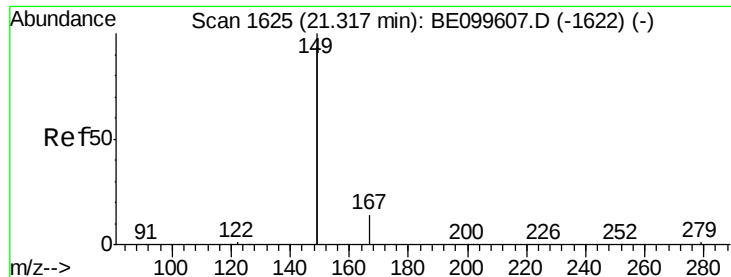


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099655.D

Acq: 17 May 2019 16:50

Instrument :

BNA_E

ClientSampleId :

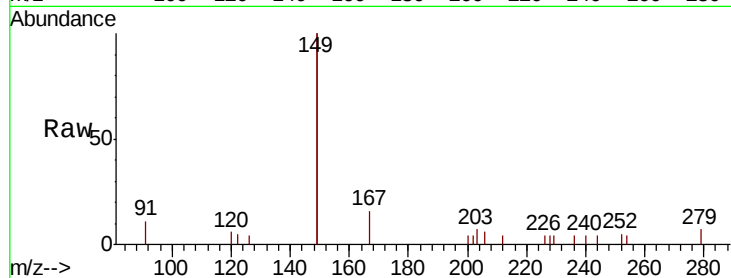
Tot Ion:149 Resp: 3138

Ion Ratio Lower Upper

149 100

167 7.8 6.0 9.0

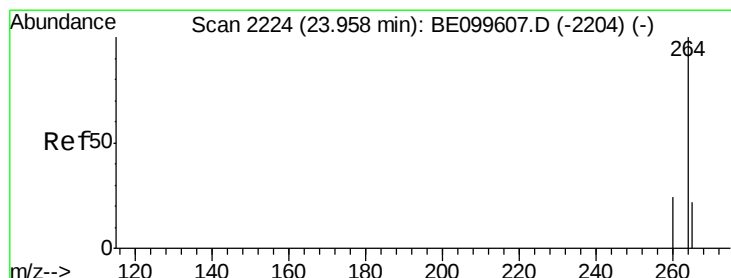
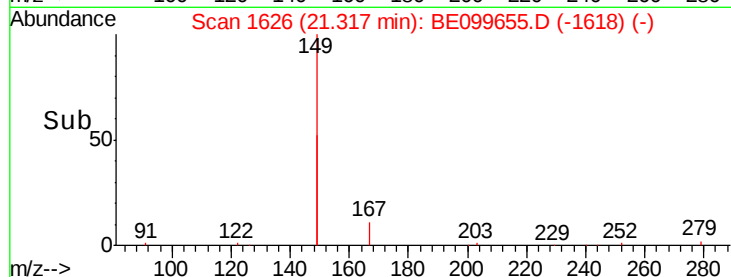
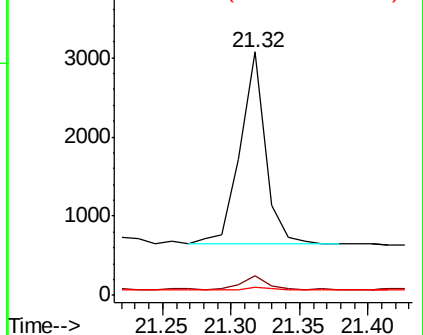
279 2.6 1.1 1.7#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.96 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BE099655.D

Acq: 17 May 2019 16:50

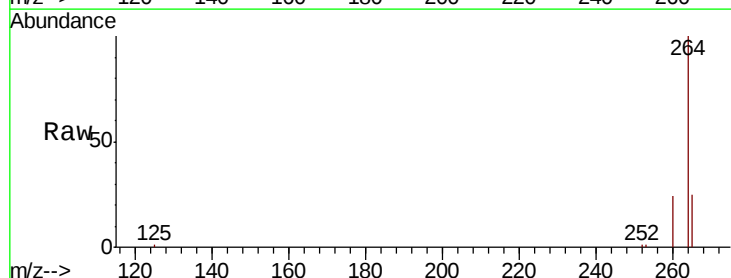
Tgt Ion:264 Resp: 28515

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 24.6 21.2 31.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

