

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052219\
 Data File : BE099723.D
 Acq On : 22 May 2019 16:58
 Operator : JU/SJ
 Sample : K2986-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FEQC-052119

Quant Time: May 23 13:53:16 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

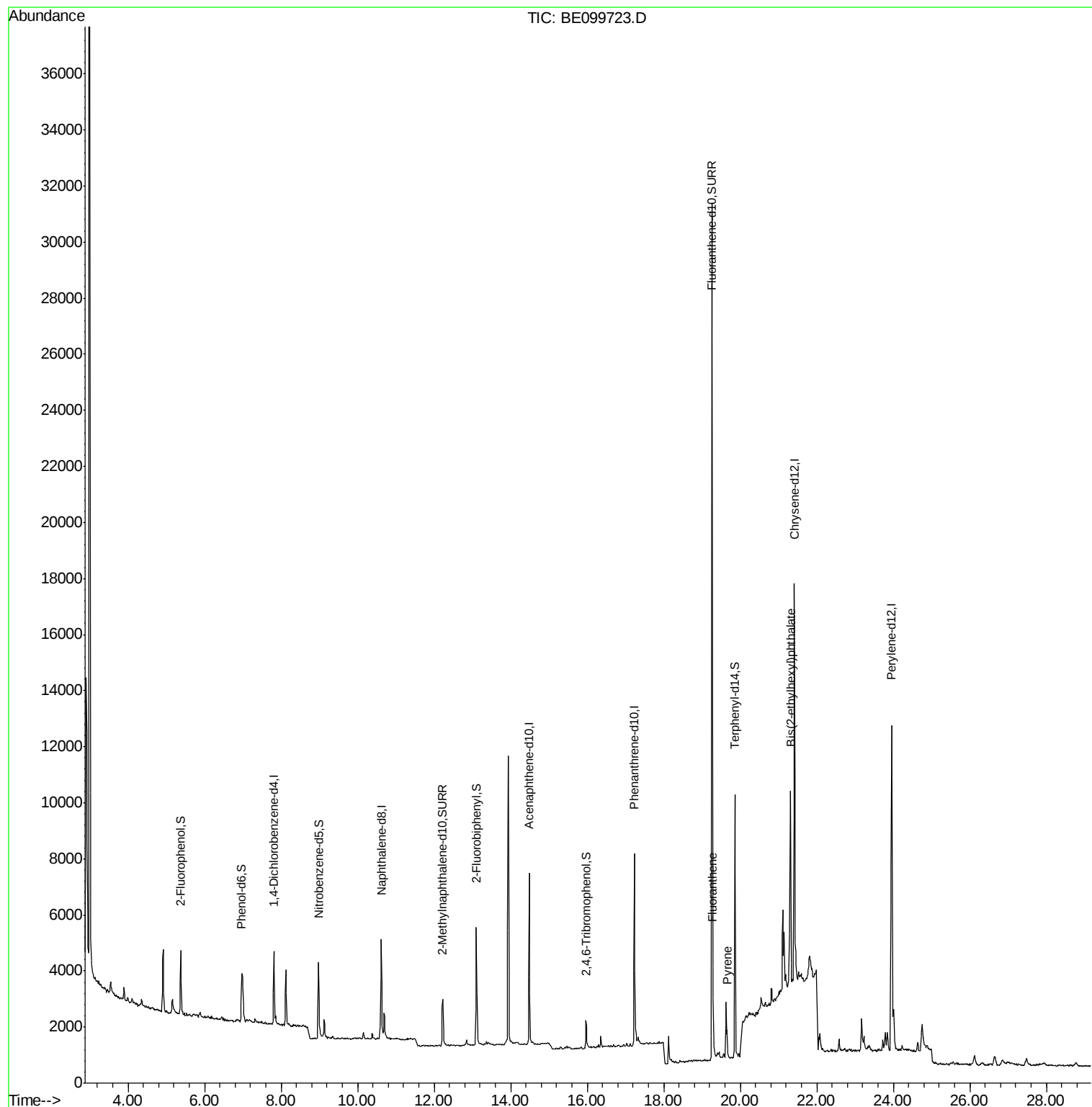
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1371	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4793	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3627	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9979	0.40	ng	0.00
27) Chrysene-d12	21.41	240	14483	0.40	ng	0.00
34) Perylene-d12	23.96	264	17438	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1309	0.38	ng	0.00
5) Phenol-d6	6.97	99	1877	0.41	ng	0.00
8) Nitrobenzene-d5	8.98	82	1493	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2824	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	800	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4186	0.30	ng	0.00
25) Fluoranthene-d10	19.26	212	42558	0.31	ng	0.00
29) Terphenyl-d14	19.86	244	9014	0.35	ng	0.00
Target Compounds						
26) Fluoranthene	19.29	202	1003	0.026	ng	# 93
28) Pyrene	19.65	202	909	0.025	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.32	149	12401	0.261	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: BE099723.D

Acq: 22 May 2019 16:58

Instrument :

BNA_E

ClientSampleId :

FEQC-052119

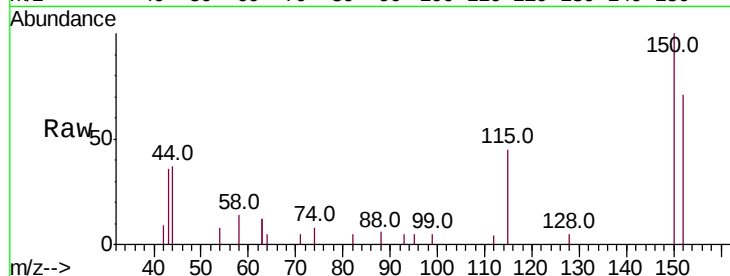
Tot Ion:152 Resp: 1371

Ion Ratio Lower Upper

152 100

150 141.5 109.2 163.8

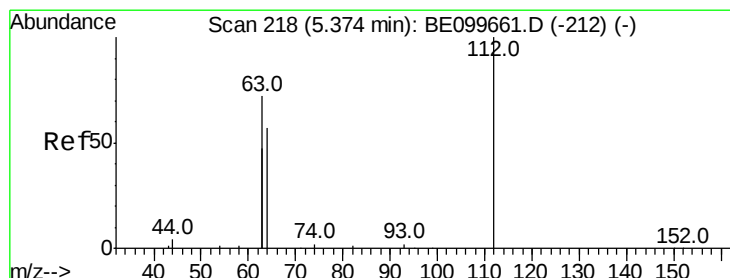
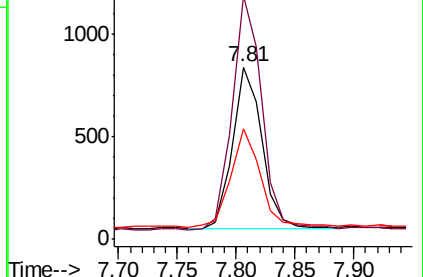
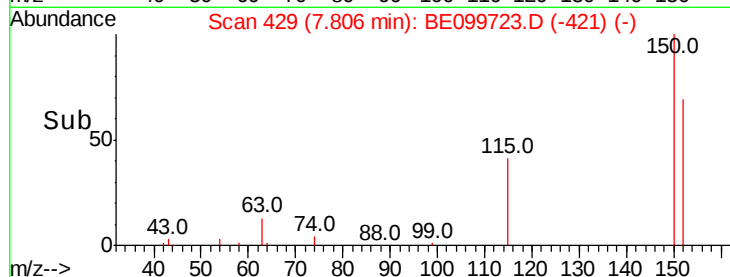
115 64.0 43.7 65.5



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



#4

2-Fluorophenol

Concen: 0.378 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099723.D

Acq: 22 May 2019 16:58

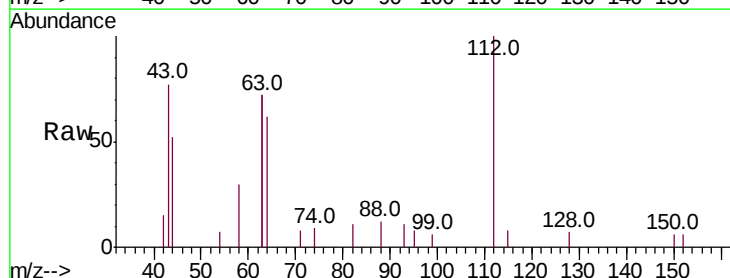
Tgt Ion:112 Resp: 1309

Ion Ratio Lower Upper

112 100

64 57.1 43.4 65.2

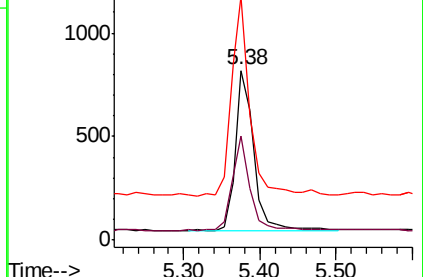
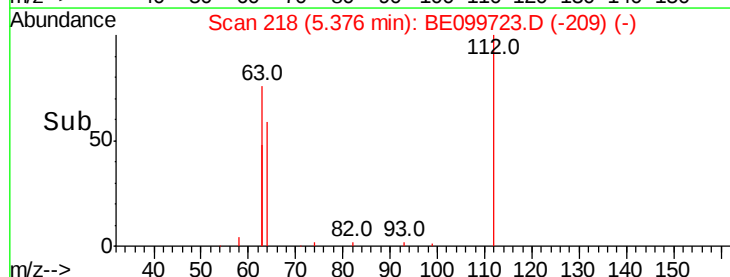
63 126.0 96.9 145.3

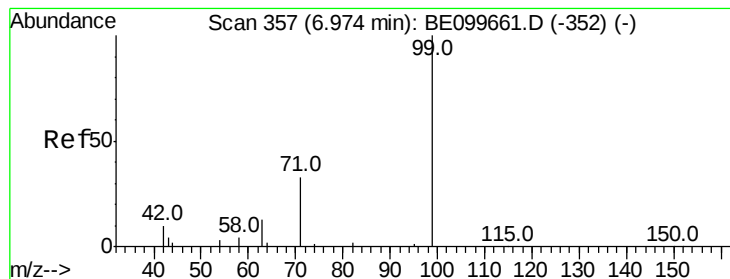


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.409 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099723.D

Acq: 22 May 2019 16:58

Instrument :

BNA_E

ClientSampleId :

FEQC-052119

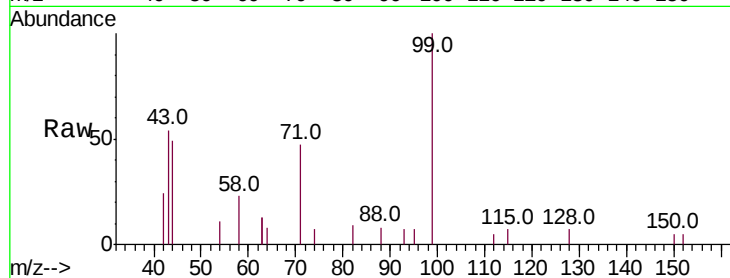
Tot Ion: 99 Resp: 1877

Ion Ratio Lower Upper

99 100

42 18.3 12.2 18.2#

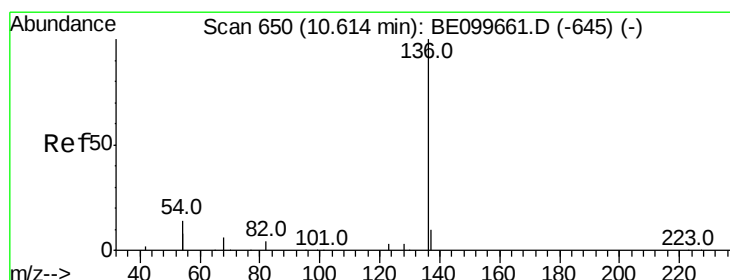
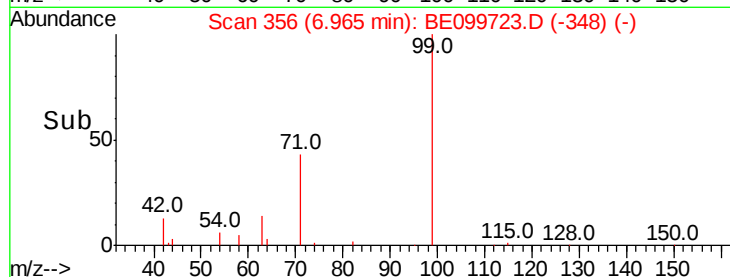
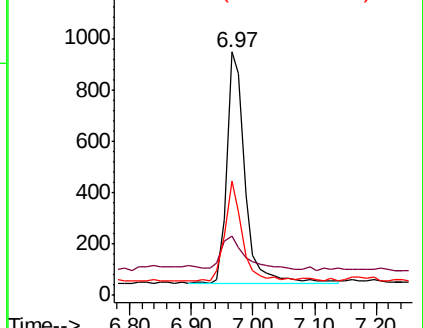
71 40.2 28.9 43.3



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: BE099723.D

Acq: 22 May 2019 16:58

Tgt Ion: 136 Resp: 4793

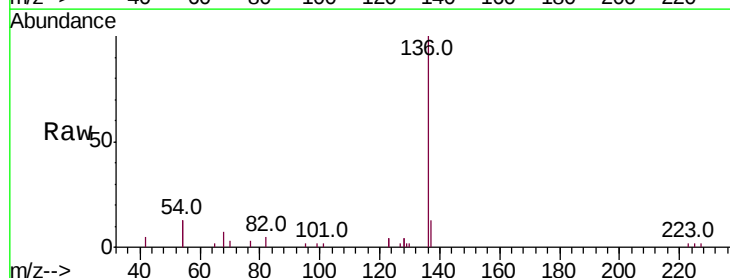
Ion Ratio Lower Upper

136 100

137 13.0 9.0 13.6

54 26.9 22.3 33.5

68 7.0 6.0 9.0

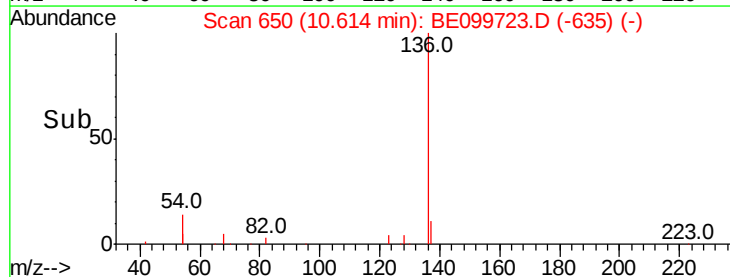
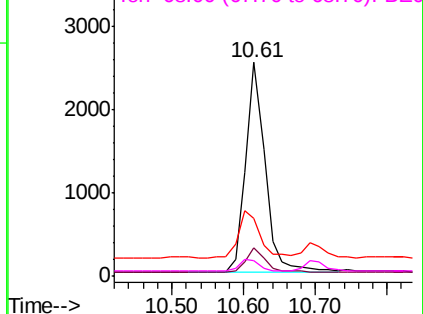


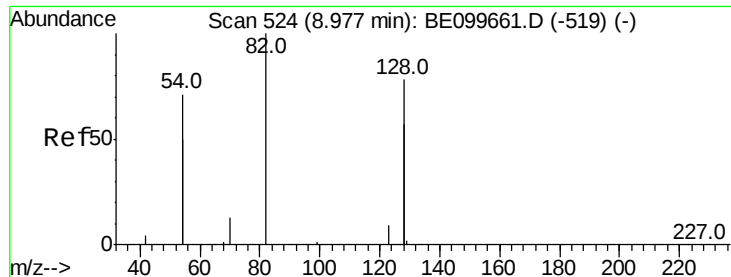
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.360 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099723.D

Acq: 22 May 2019 16:58

Instrument :

BNA_E

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FEQC-052119

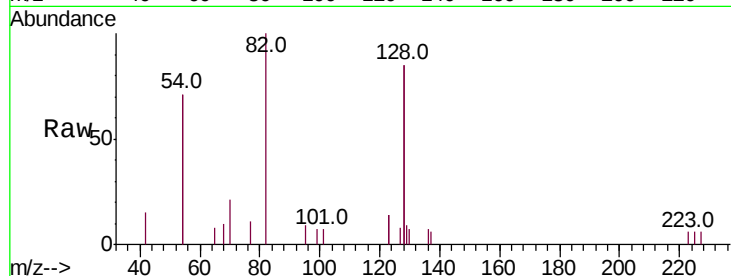
Tot Ion: 82 Resp: 1493

Ion Ratio Lower Upper

82 100

128 169.0 117.7 176.5

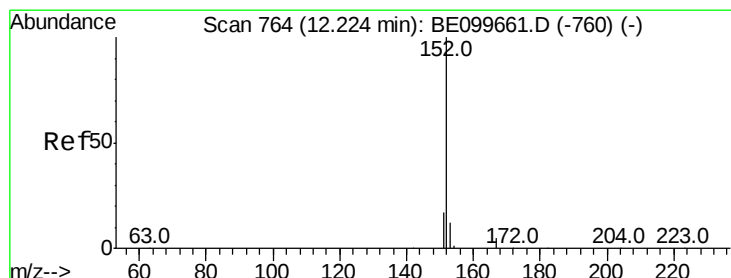
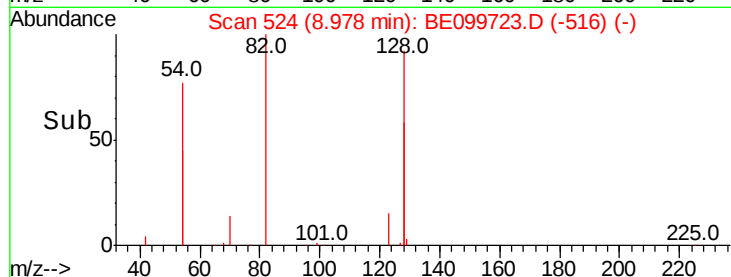
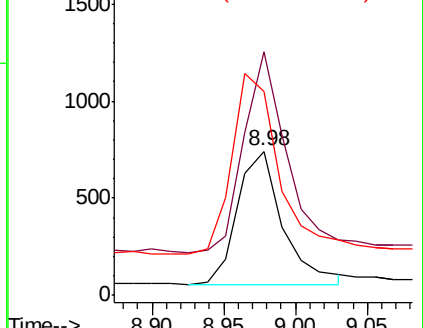
54 141.8 106.6 160.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099723.D

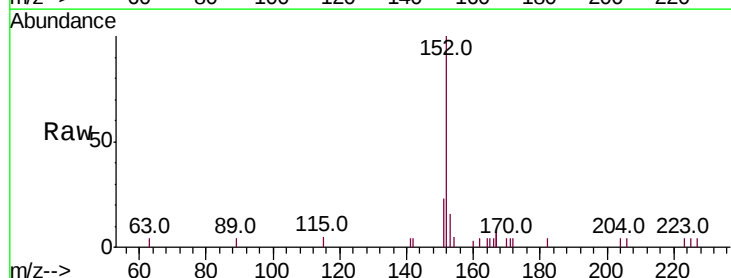
Acq: 22 May 2019 16:58

Tgt Ion: 152 Resp: 2824

Ion Ratio Lower Upper

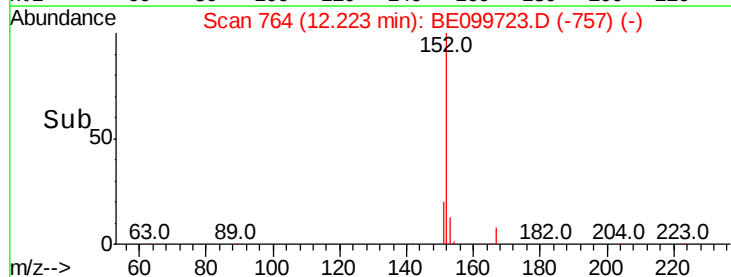
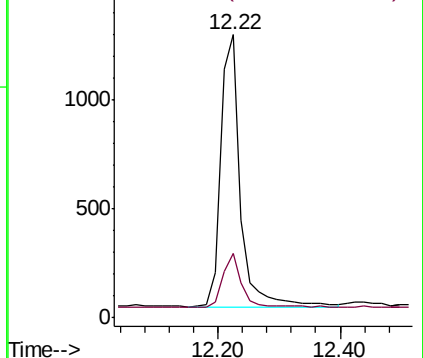
152 100

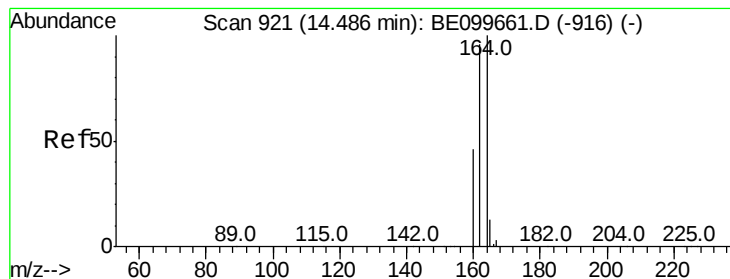
151 19.3 15.0 22.4



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: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099723.D

Acq: 22 May 2019 16:58

Instrument :

BNA_E

ClientSampleId :

FEQC-052119

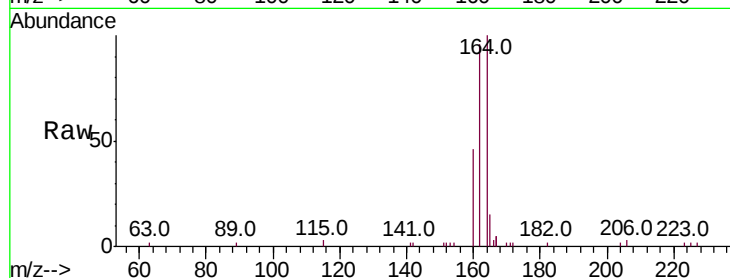
Tot Ion:164 Resp: 3627

Ion Ratio Lower Upper

164 100

162 95.6 76.5 114.7

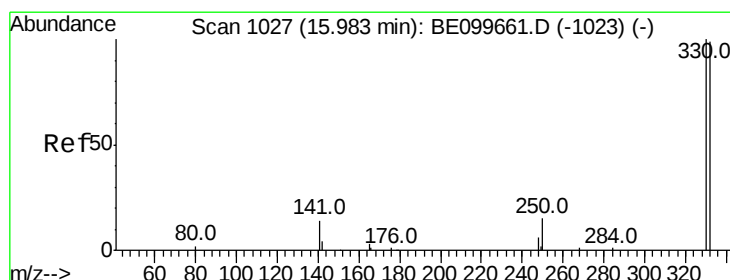
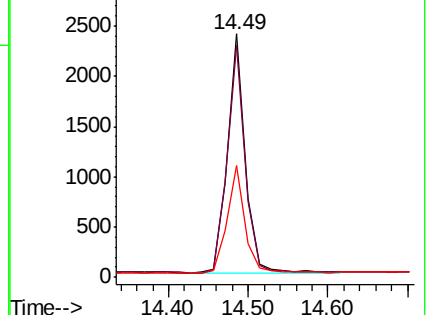
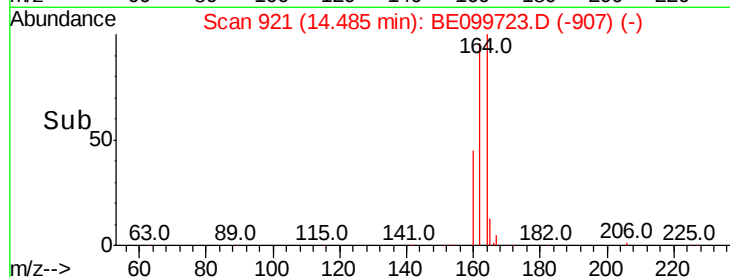
160 46.0 37.4 56.2



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: 0.420 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099723.D

Acq: 22 May 2019 16:58

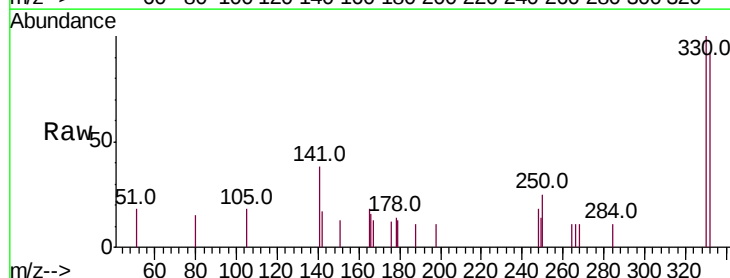
Tgt Ion:330 Resp: 800

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

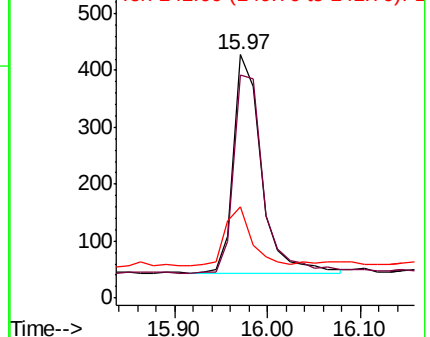
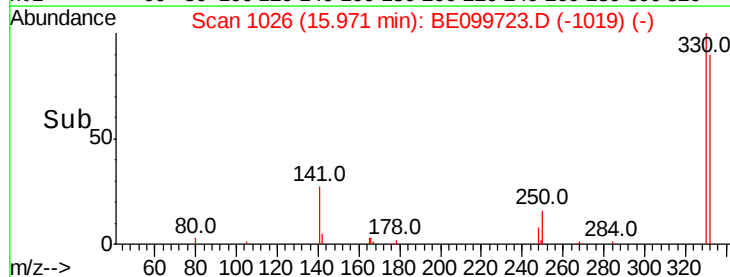
141 26.0 18.9 28.3

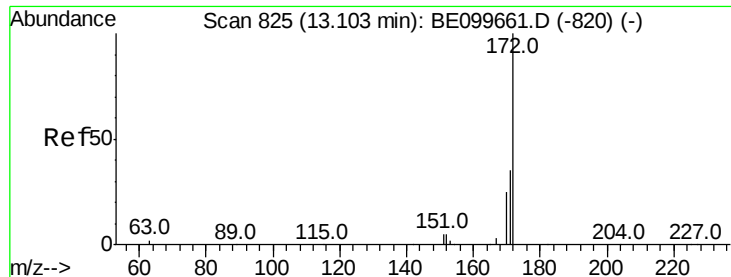


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

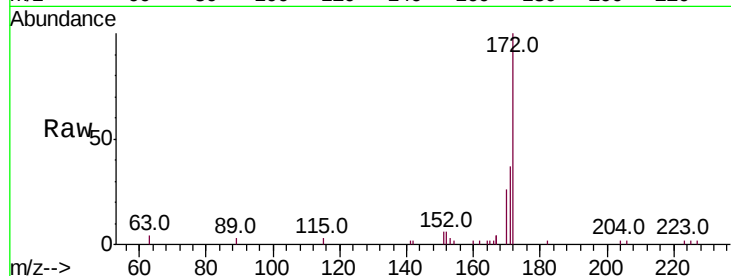




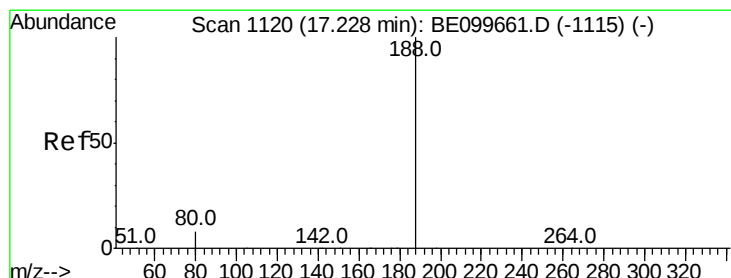
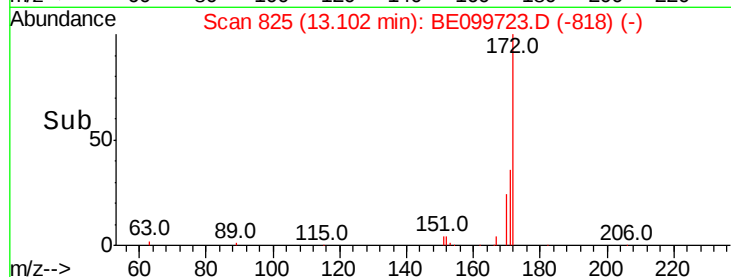
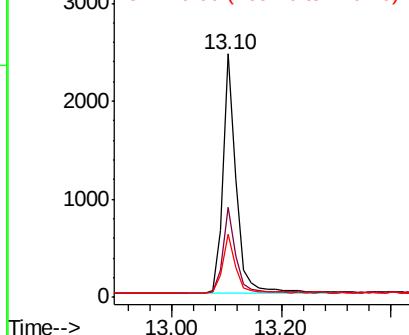
#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099723.D
Acq: 22 May 2019 16:58

Instrument :
BNA_E
ClientSampleId :
FEQC-052119

Tot Ion:172 Resp: 4186
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 25.8 20.9 31.3

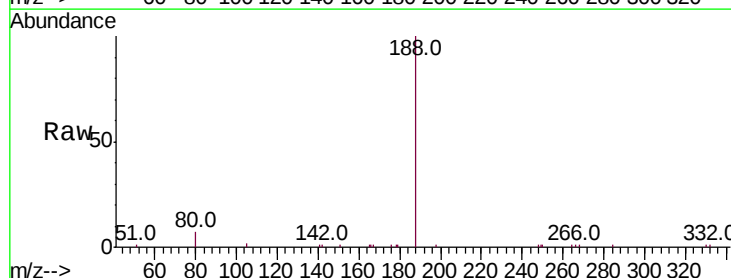


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

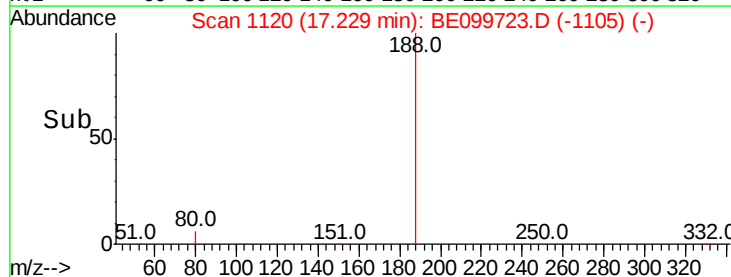
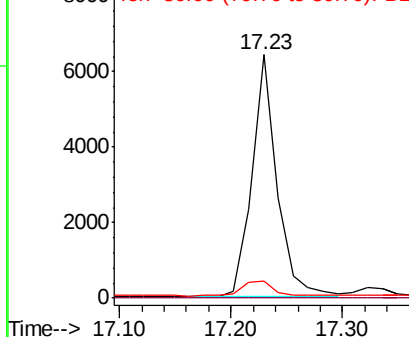


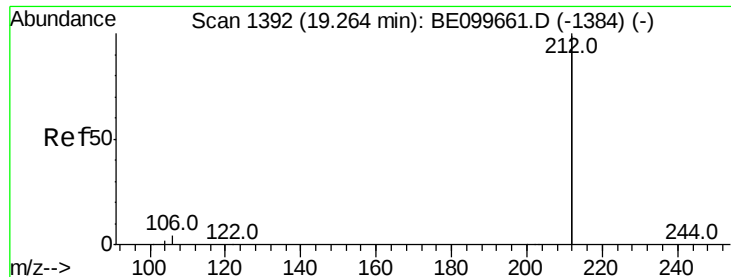
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099723.D
Acq: 22 May 2019 16:58

Tgt Ion:188 Resp: 9979
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 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





#25

Fluoranthene-d10

Concen: 0.312 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099723.D

Acq: 22 May 2019 16:58

Instrument :

BNA_E

ClientSampleId :

FEQC-052119

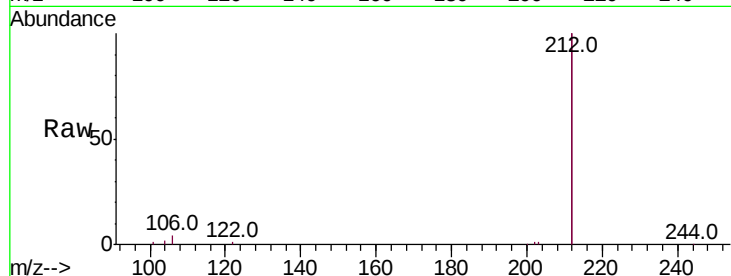
Tot Ion:212 Resp: 42558

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

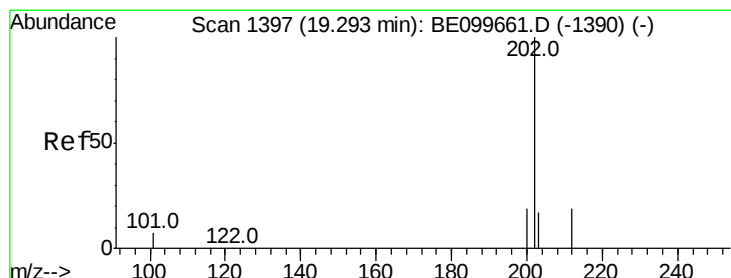
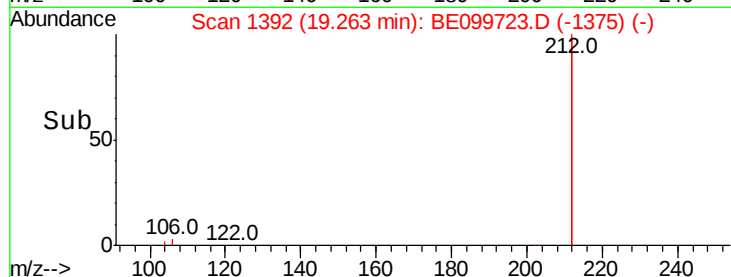
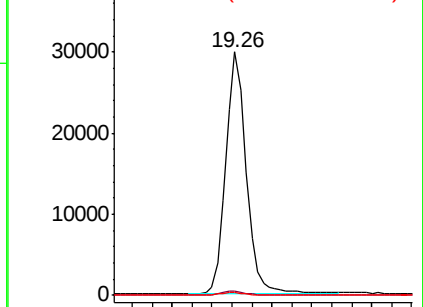
104 1.1 0.8 1.2



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: 0.026 ng

RT: 19.29 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BE099723.D

Acq: 22 May 2019 16:58

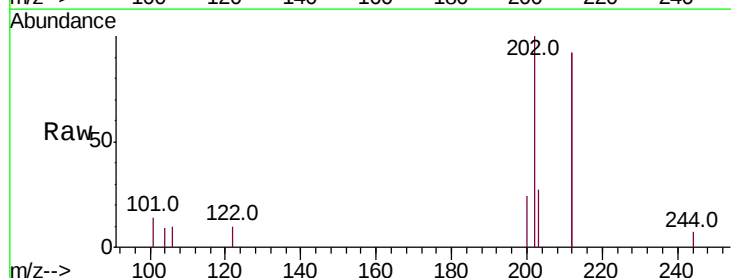
Tgt Ion:202 Resp: 1003

Ion Ratio Lower Upper

202 100

101 8.5 5.2 7.8#

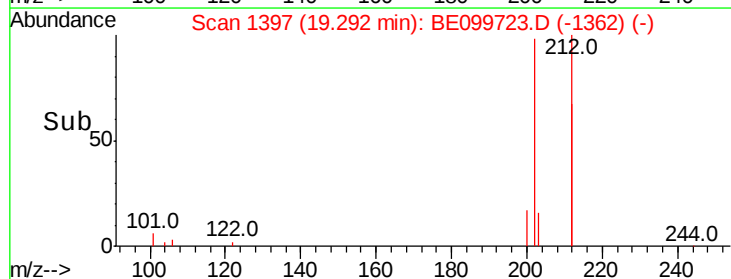
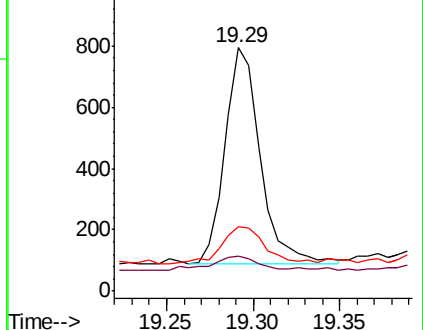
203 20.6 13.8 20.6

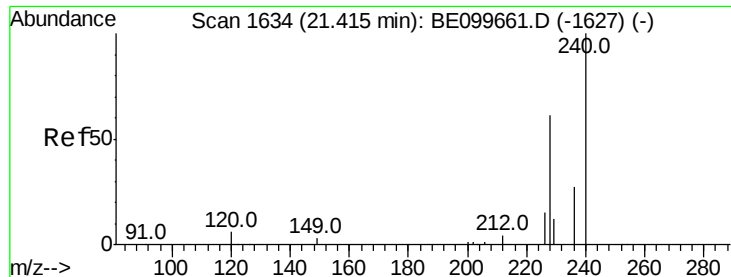


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099723.D

Acq: 22 May 2019 16:58

Instrument :

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FEQC-052119

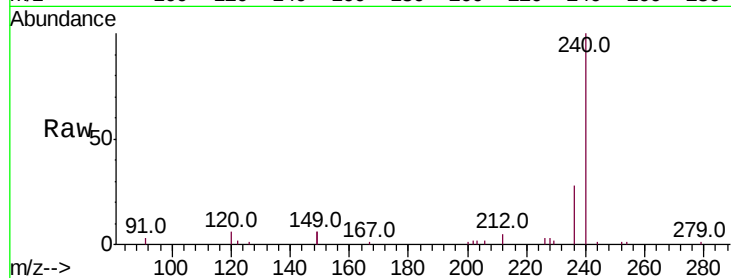
Tot Ion:240 Resp: 14483

Ion Ratio Lower Upper

240 100

120 5.5 5.4 8.0

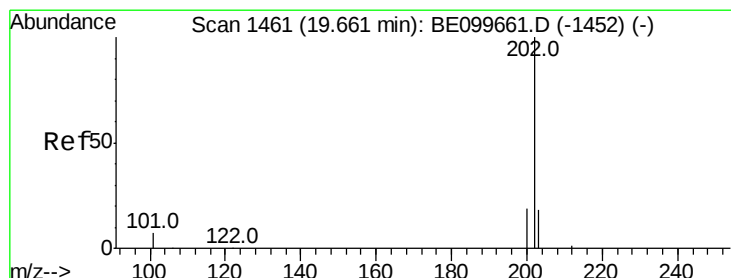
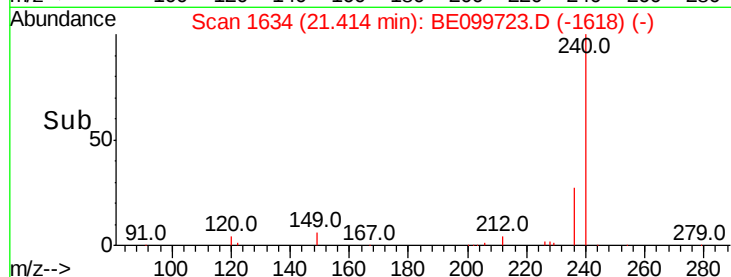
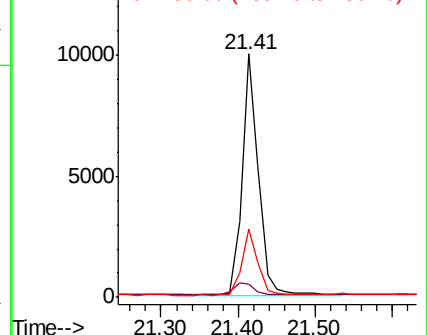
236 27.9 21.7 32.5



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: 0.025 ng

RT: 19.65 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BE099723.D

Acq: 22 May 2019 16:58

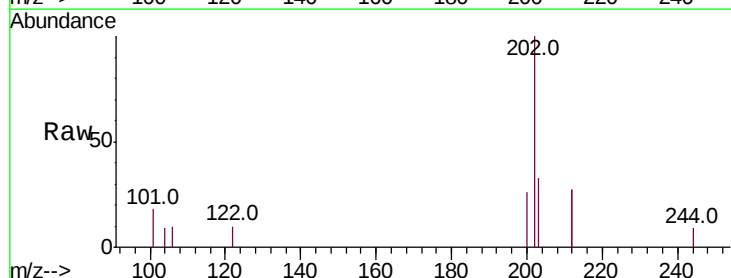
Tgt Ion:202 Resp: 909

Ion Ratio Lower Upper

202 100

200 21.7 15.4 23.2

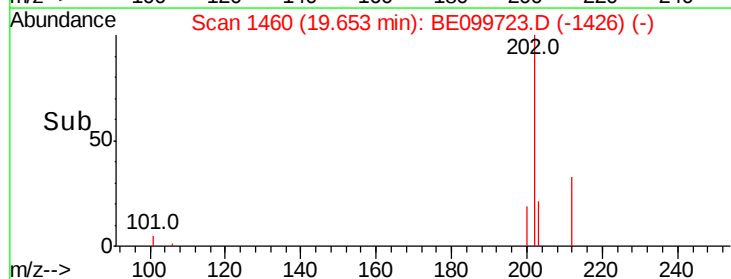
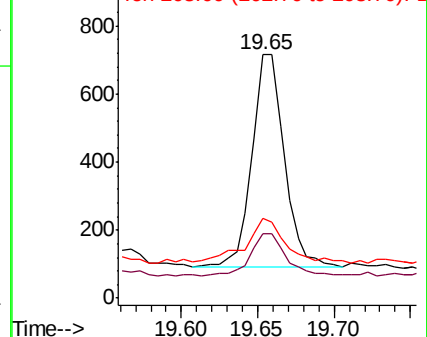
203 26.5 13.8 20.8#

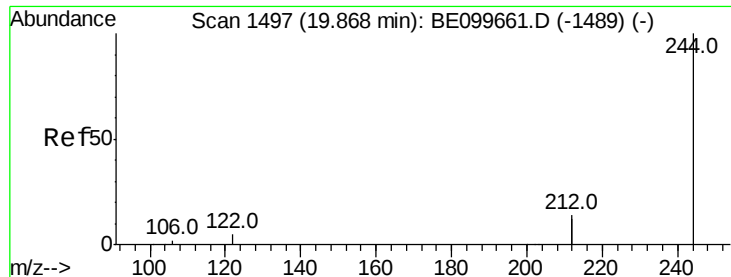


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.349 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099723.D

Acq: 22 May 2019 16:58

Instrument :

BNA_E

ClientSampleId :

FEQC-052119

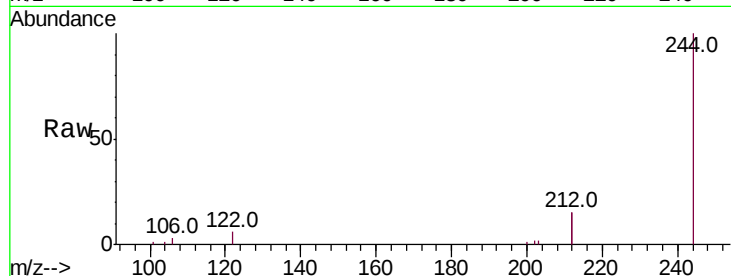
Tot Ion:244 Resp: 9014

Ion Ratio Lower Upper

244 100

212 29.8 22.5 33.7

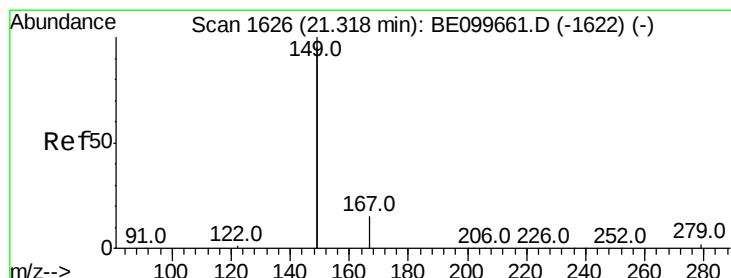
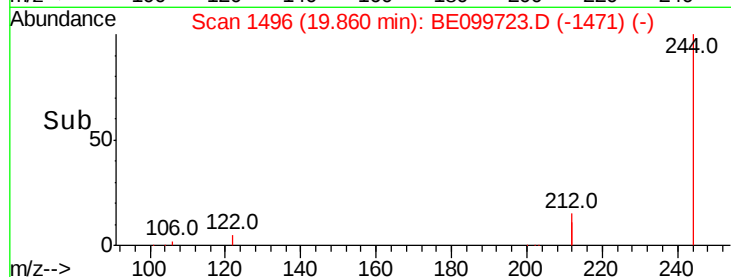
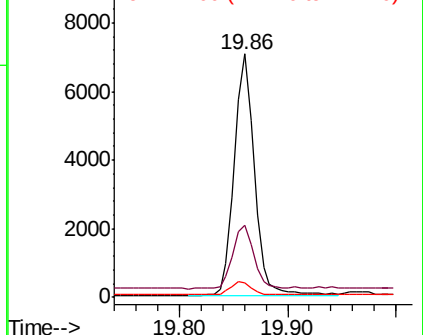
122 5.9 4.3 6.5



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: 0.261 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE099723.D

Acq: 22 May 2019 16:58

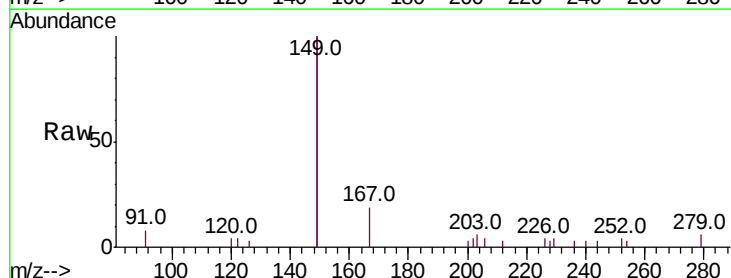
Tgt Ion:149 Resp: 12401

Ion Ratio Lower Upper

149 100

167 8.1 6.2 9.4

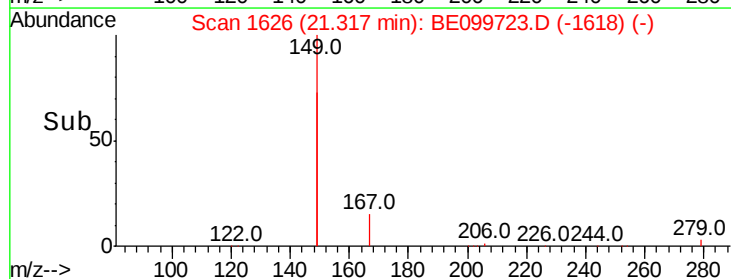
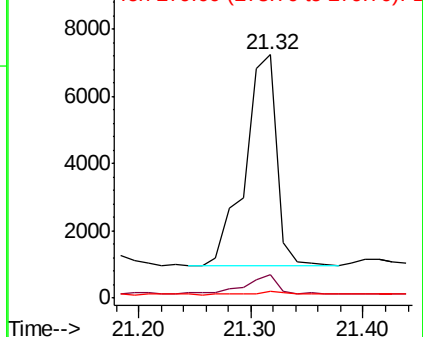
279 1.5 1.2 1.8

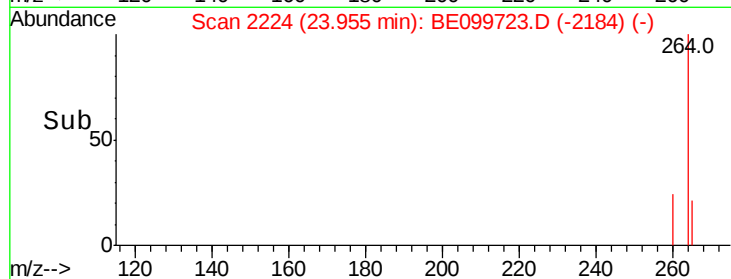
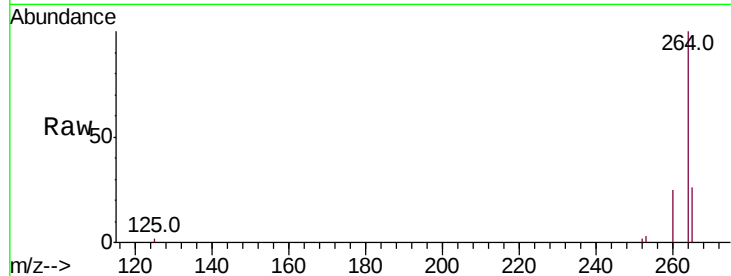
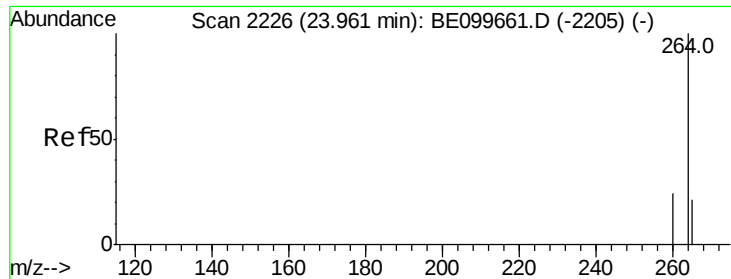


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.96 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BE099723.D

Acq: 22 May 2019 16:58

Instrument :

BNA_E

ClientSampleId :

FEQC-052119

Tot Ion:264 Resp: 17438

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

265 25.6 19.1 28.7

