

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051719\
 Data File : BE099648.D
 Acq On : 17 May 2019 12:36
 Operator : JU/SJ
 Sample : K2838-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FEQC-DUP-051419

Quant Time: May 17 14:00:55 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

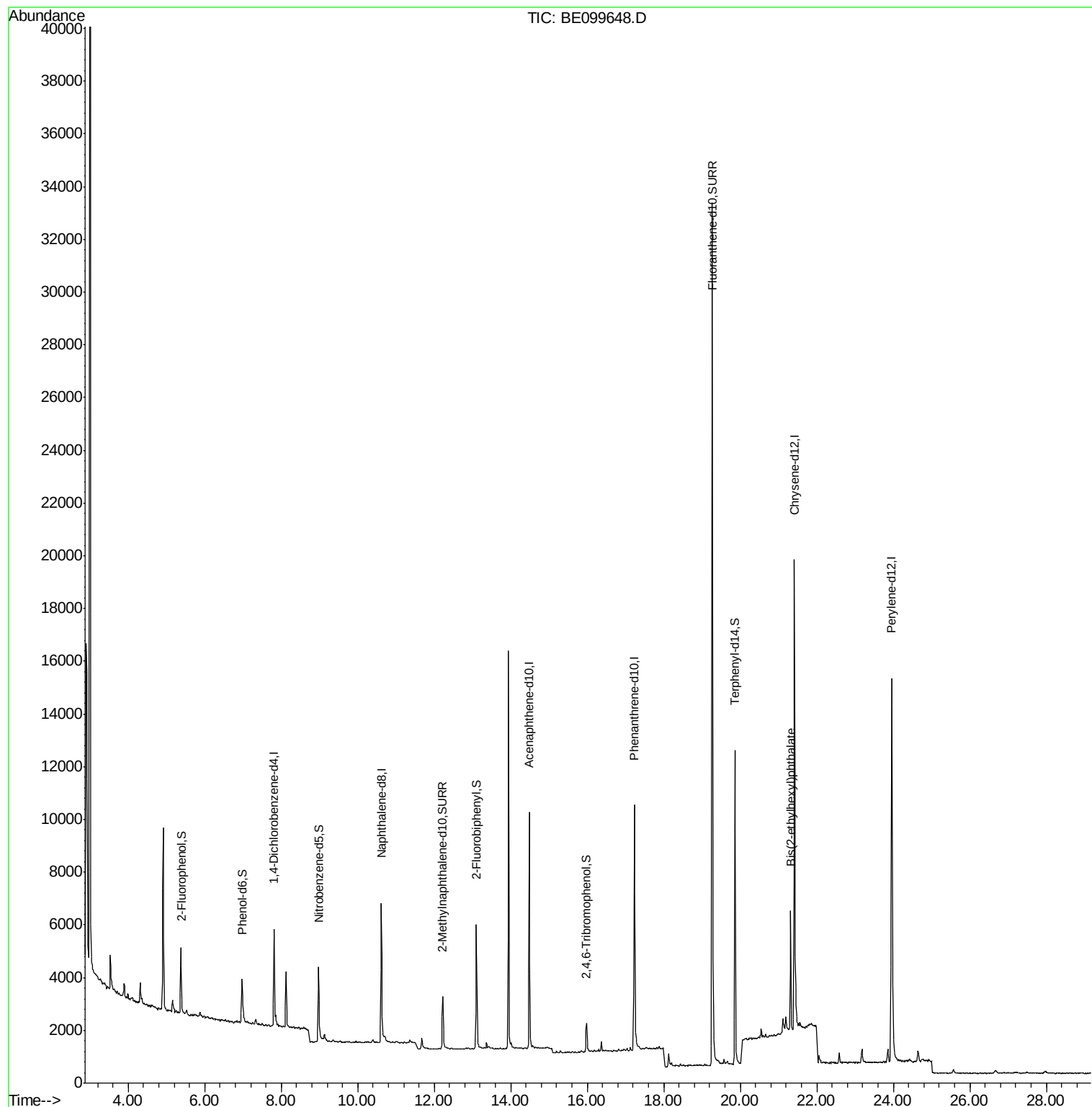
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2127	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	7378	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	5310	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	15477	0.40	ng	0.00
27) Chrysene-d12	21.41	240	20305	0.40	ng	0.00
34) Perylene-d12	23.96	264	24047	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1491	0.25	ng	0.00
5) Phenol-d6	6.97	99	2026	0.26	ng	0.00
8) Nitrobenzene-d5	8.98	82	1575	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3054	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	871	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4773	0.23	ng	0.00
25) Fluoranthene-d10	19.26	212	48522	0.24	ng	0.00
29) Terphenyl-d14	19.86	244	12149	0.33	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.32	149	5254	0.056	ng	100

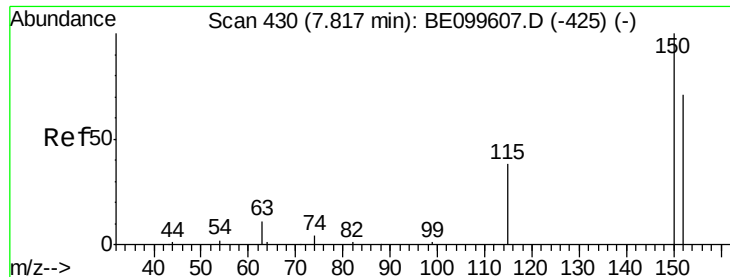
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099648.D

Acq: 17 May 2019 12:36

Instrument :

BNA_E

ClientSampleId :

FEQC-DUP-051419

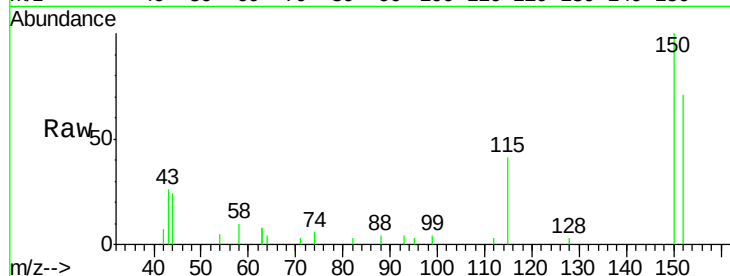
Tgt Ion:152 Resp: 2127

Ion Ratio Lower Upper

152 100

150 141.4 110.1 165.1

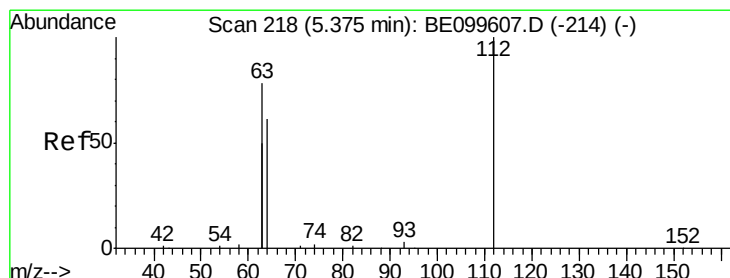
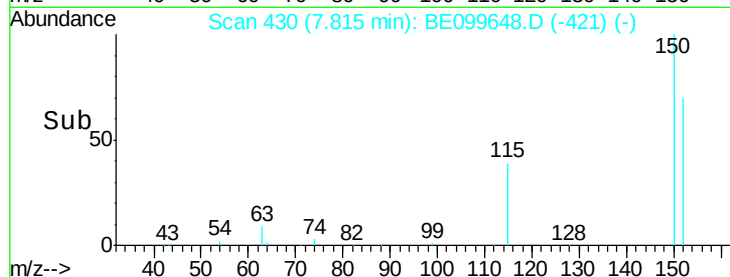
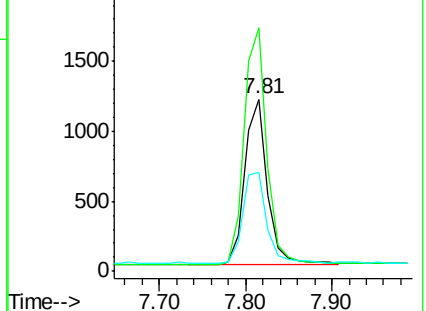
115 57.5 46.2 69.4



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



#4

2-Fluorophenol

Concen: 0.247 ng

RT: 5.38 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099648.D

Acq: 17 May 2019 12:36

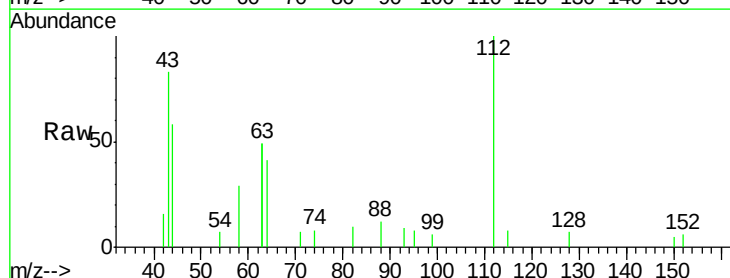
Tgt Ion:112 Resp: 1491

Ion Ratio Lower Upper

112 100

64 55.5 43.7 65.5

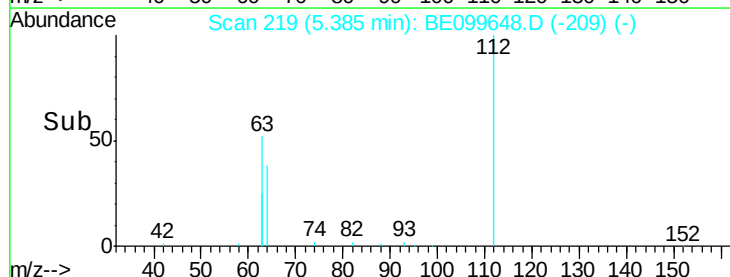
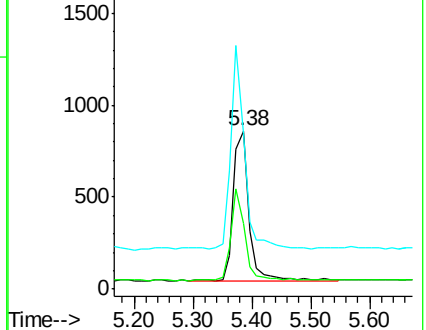
63 118.7 94.0 141.0

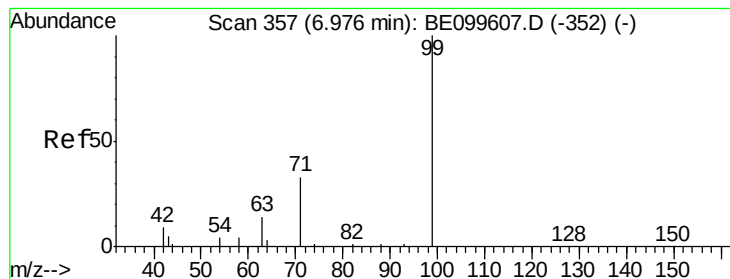


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.265 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099648.D

Acq: 17 May 2019 12:36

Instrument :

BNA_E

ClientSampleId :

FEQC-DUP-051419

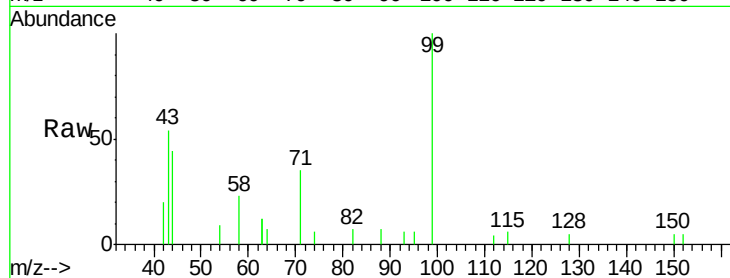
Tgt Ion: 99 Resp: 2026

Ion Ratio Lower Upper

99 100

42 13.4 14.3 21.5#

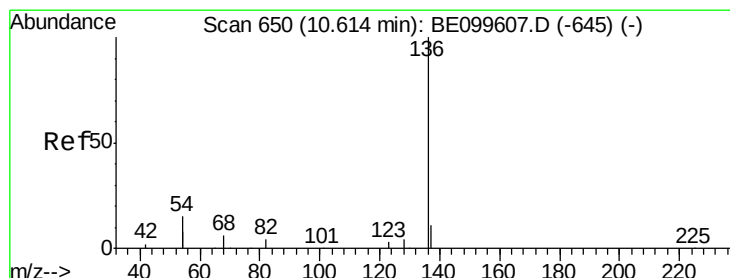
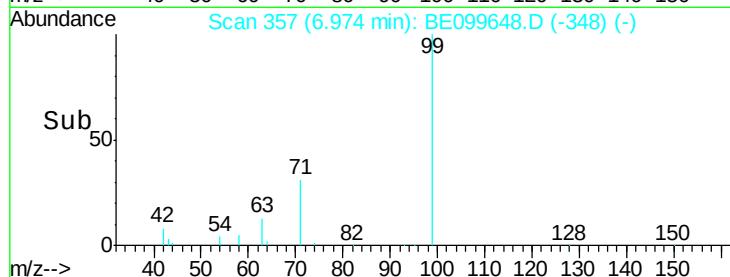
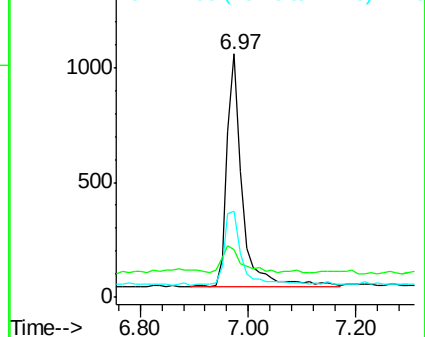
71 34.6 33.1 49.7



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: 10.62 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099648.D

Acq: 17 May 2019 12:36

Tgt Ion: 136 Resp: 7378

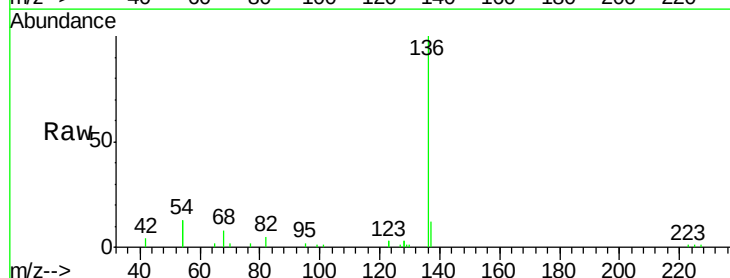
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 26.1 23.8 35.8

68 7.7 6.2 9.2

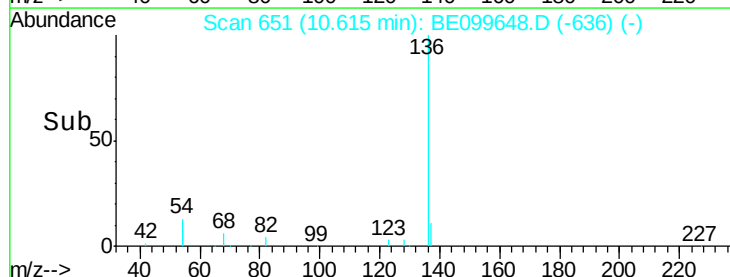
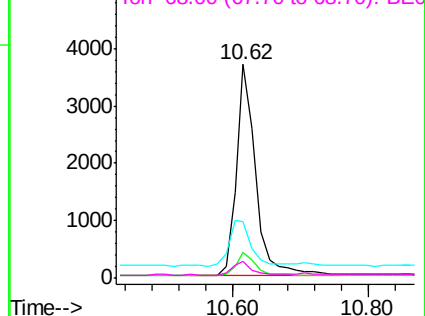


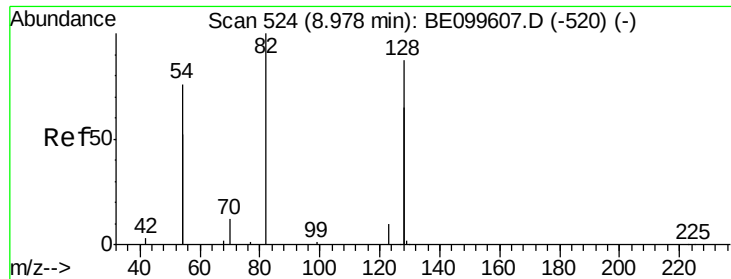
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.220 ng

RT: 8.98 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099648.D

Acq: 17 May 2019 12:36

Instrument :

BNA_E

ClientSampleId :

FEQC-DUP-051419

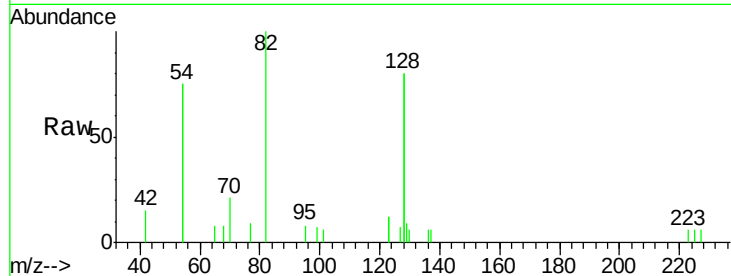
Tgt Ion: 82 Resp: 1575

Ion Ratio Lower Upper

82 100

128 159.3 131.4 197.2

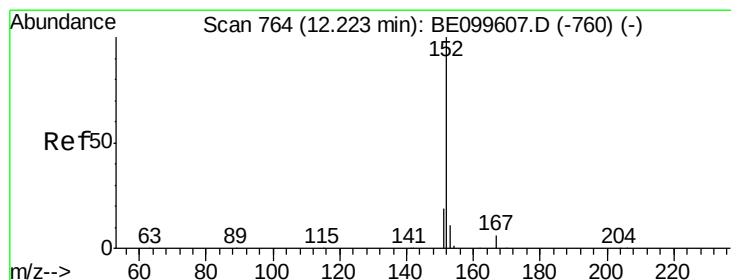
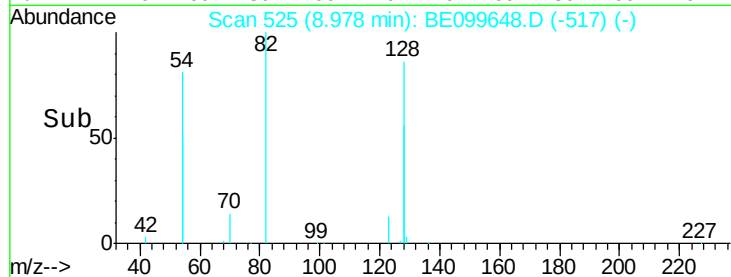
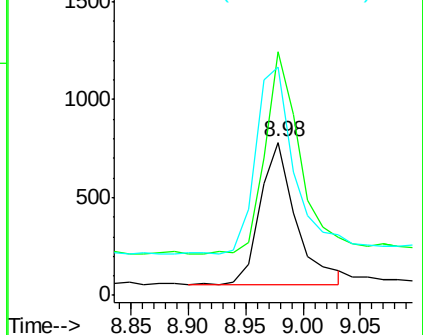
54 149.0 113.9 170.9



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: 0.246 ng

RT: 12.22 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE099648.D

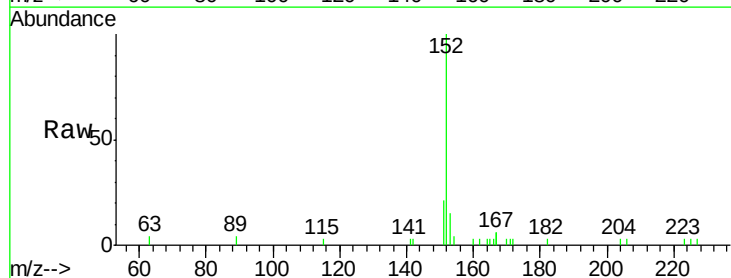
Acq: 17 May 2019 12:36

Tgt Ion: 152 Resp: 3054

Ion Ratio Lower Upper

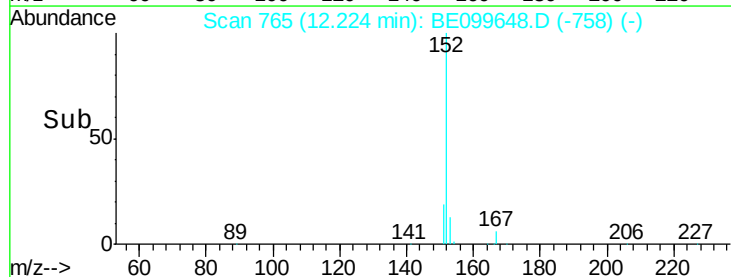
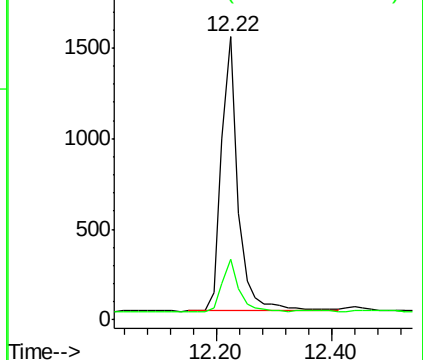
152 100

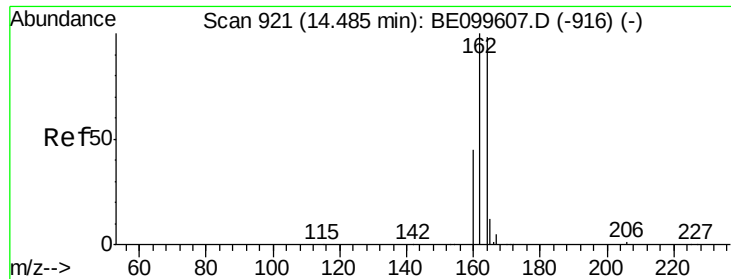
151 19.4 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

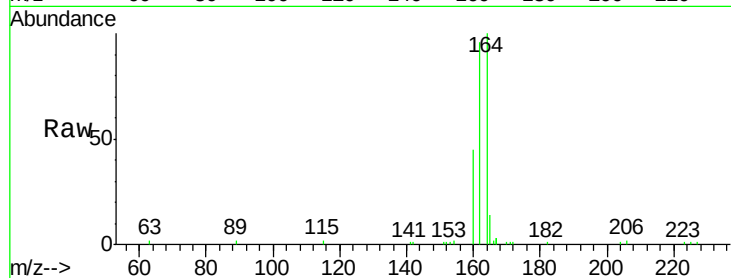




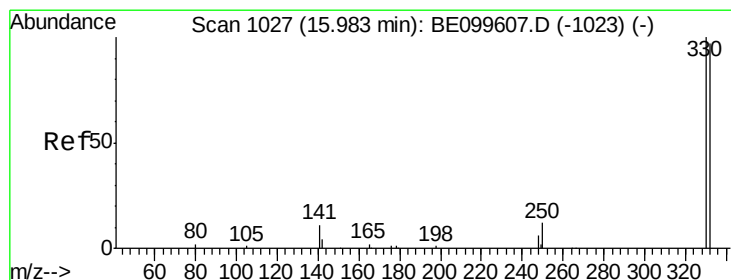
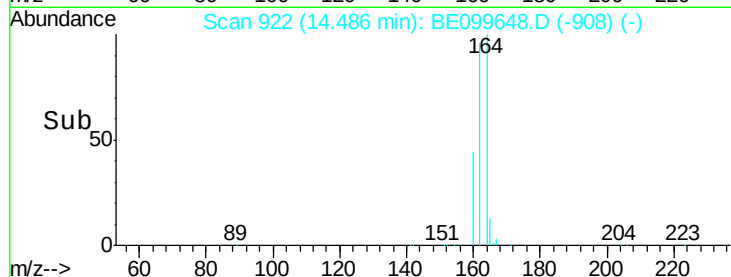
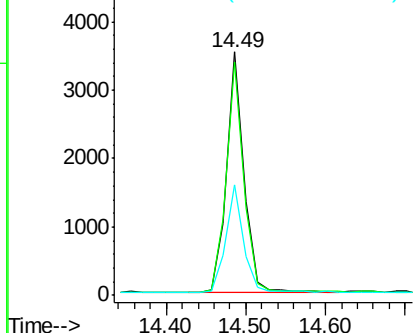
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099648.D
Acq: 17 May 2019 12:36

Instrument :
BNA_E
ClientSampleId :
FEQC-DUP-051419

Tgt Ion:164 Resp: 5310
Ion Ratio Lower Upper
164 100
162 95.6 81.4 122.0
160 45.2 37.4 56.2

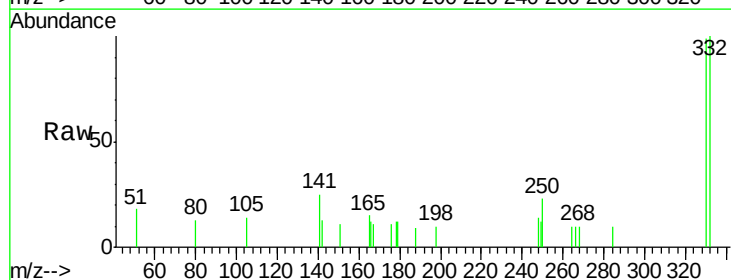


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

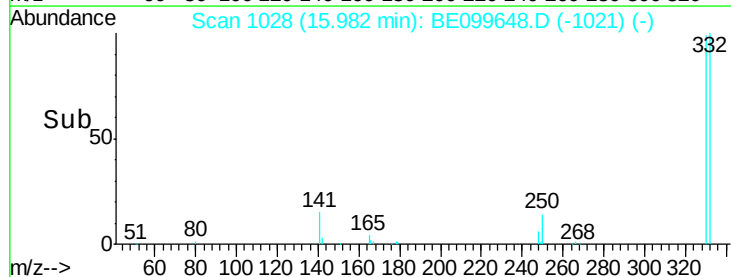
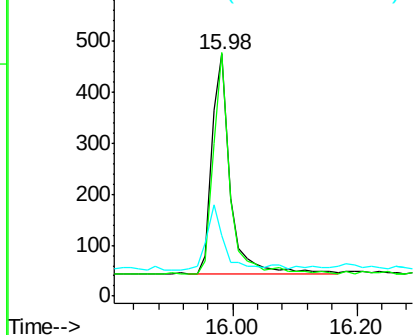


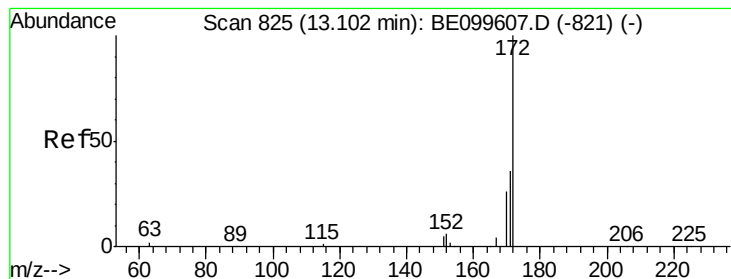
#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 15.98 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE099648.D
Acq: 17 May 2019 12:36

Tgt Ion:330 Resp: 871
Ion Ratio Lower Upper
330 100
332 92.5 73.8 110.8
141 27.7 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: 0.233 ng

RT: 13.10 min Scan# 826

Delta R.T. 0.00 min

Lab File: BE099648.D

Acq: 17 May 2019 12:36

Instrument :

BNA_E

ClientSampleId :

FEQC-DUP-051419

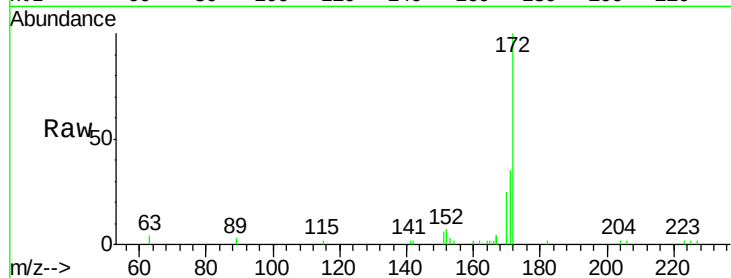
Tgt Ion:172 Resp: 4773

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.2

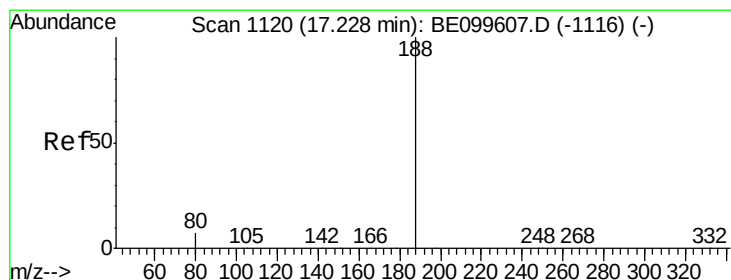
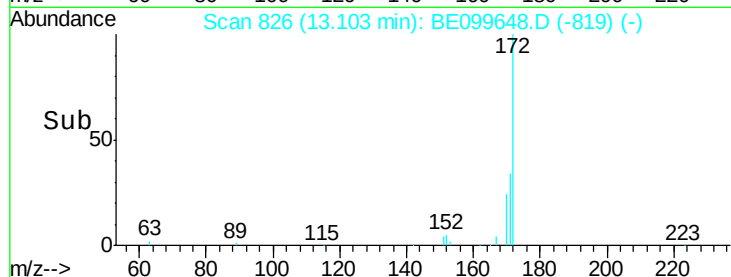
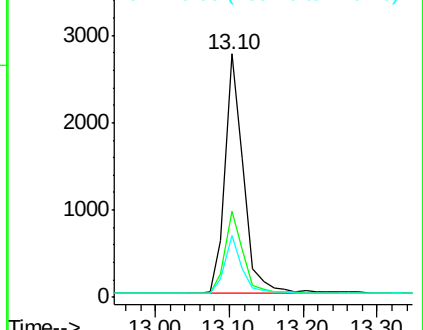
170 25.2 21.5 32.3



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# 1121

Delta R.T. -0.00 min

Lab File: BE099648.D

Acq: 17 May 2019 12:36

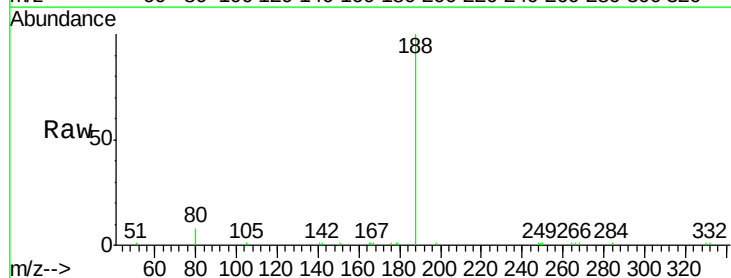
Tgt Ion:188 Resp: 15477

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

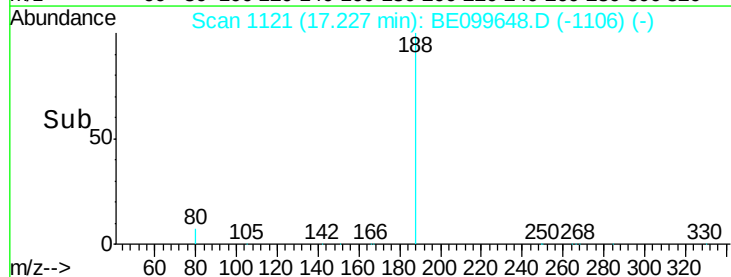
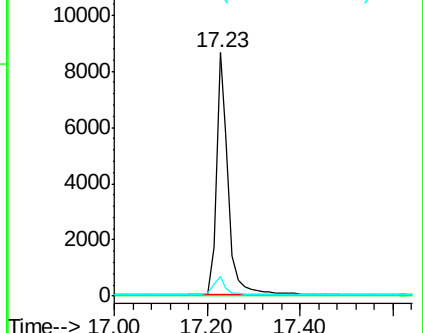
80 8.0 6.4 9.6

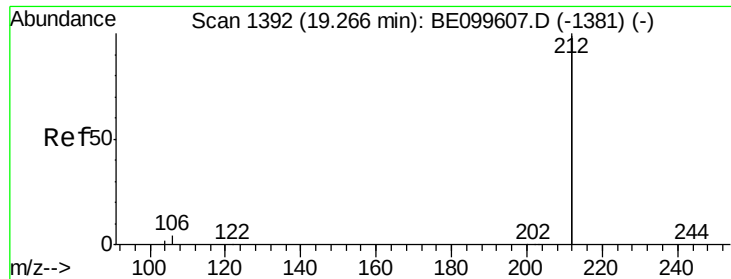


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

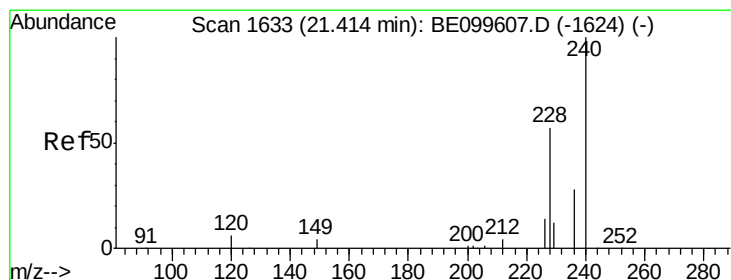
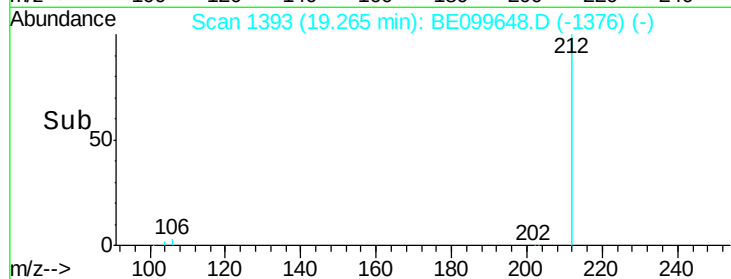
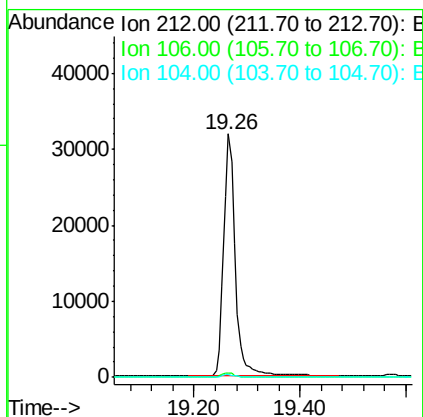
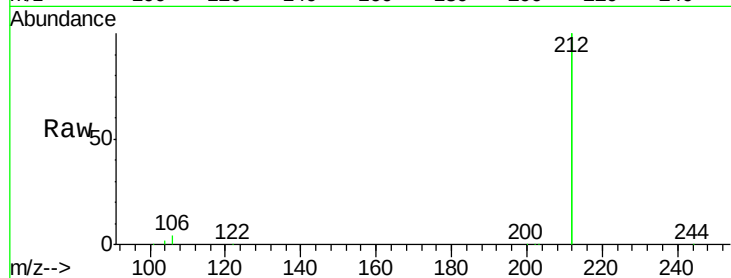




#25
Fluoranthene-d10
Concen: 0.236 ng
RT: 19.26 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099648.D
Acq: 17 May 2019 12:36

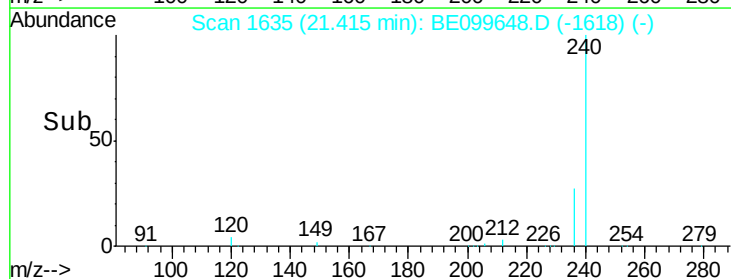
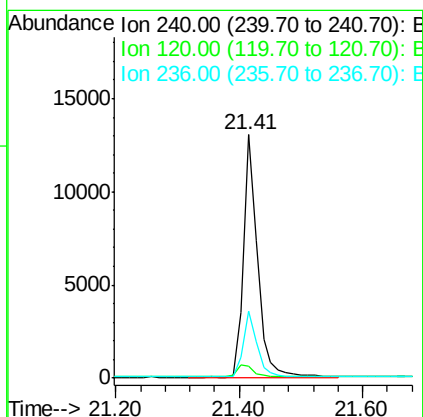
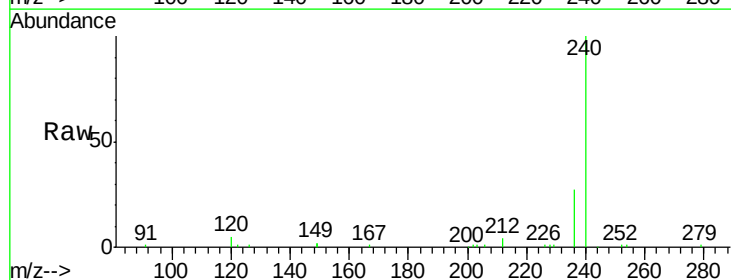
Instrument :
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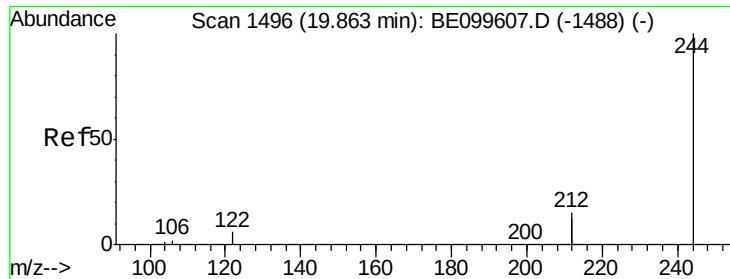
Tgt Ion: 212 Resp: 48522
Ion Ratio Lower Upper
212 100
106 1.8 1.4 2.2
104 1.1 0.9 1.3



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099648.D
Acq: 17 May 2019 12:36

Tgt Ion: 240 Resp: 20305
Ion Ratio Lower Upper
240 100
120 5.0 5.7 8.5#
236 27.3 22.8 34.2





#29

Terphenyl-d14

Concen: 0.332 ng

RT: 19.86 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099648.D

Acq: 17 May 2019 12:36

Instrument :

BNA_E

ClientSampleId :

FEQC-DUP-051419

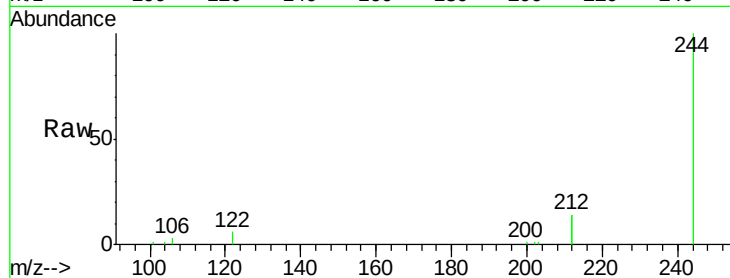
Tgt Ion:244 Resp: 12149

Ion Ratio Lower Upper

244 100

212 28.8 23.8 35.6

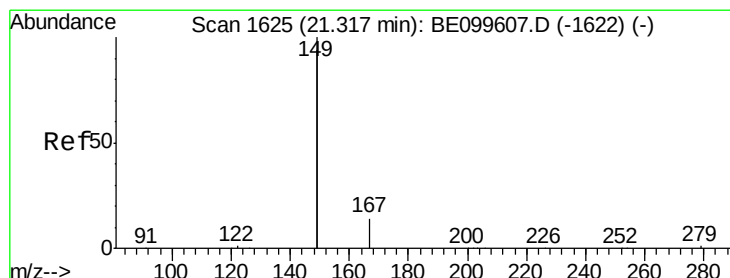
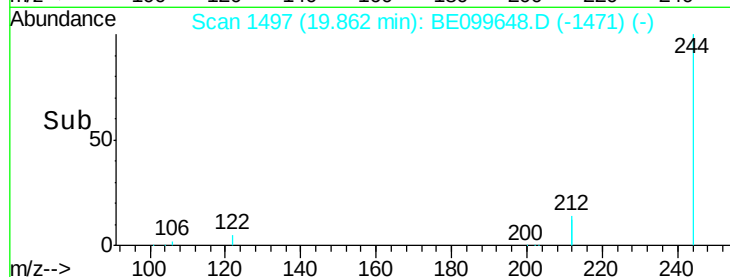
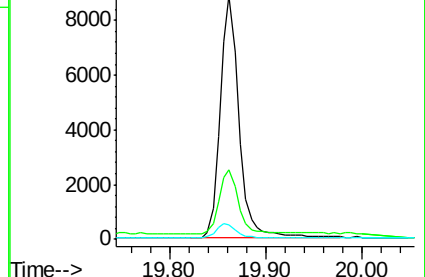
122 6.0 5.0 7.6



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: 0.056 ng

RT: 21.32 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE099648.D

Acq: 17 May 2019 12:36

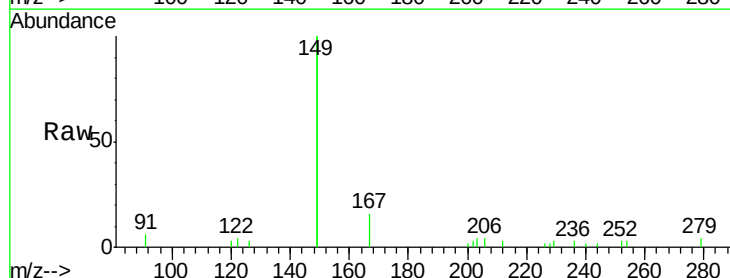
Tgt Ion:149 Resp: 5254

Ion Ratio Lower Upper

149 100

167 7.3 6.0 9.0

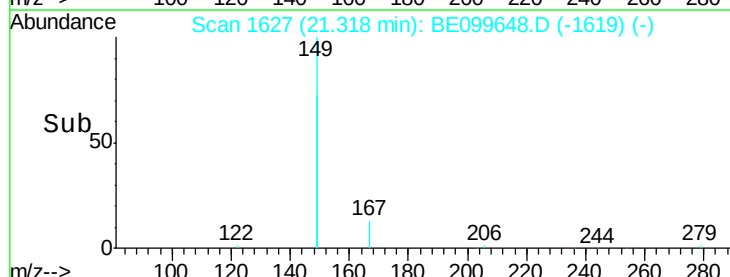
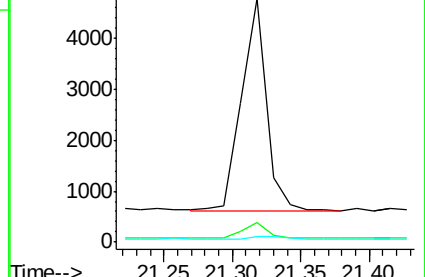
279 1.5 1.1 1.7

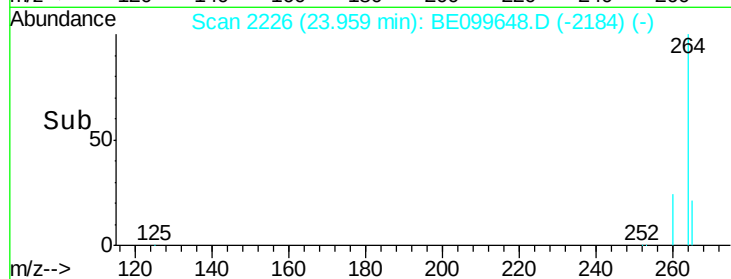
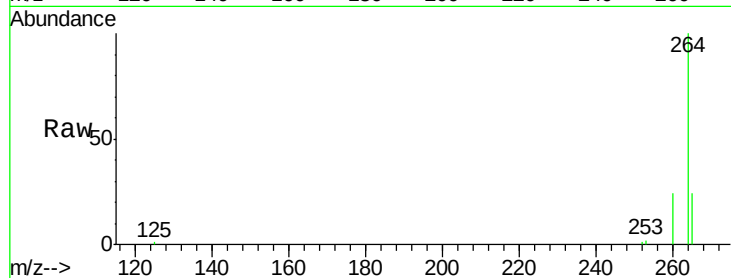
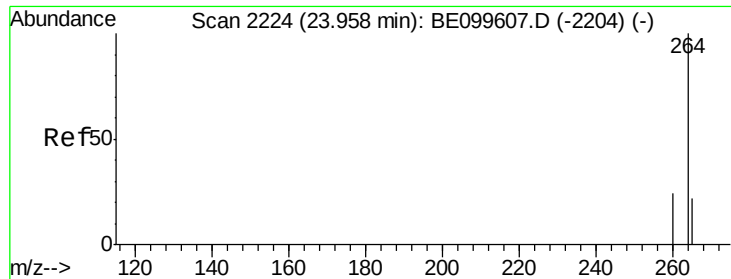


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.96 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BE099648.D

Acq: 17 May 2019 12:36

Instrument :

BNA_E

ClientSampleId :

FEQC-DUP-051419

Tgt Ion:264 Resp: 24047

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 24.2 21.2 31.8

