

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 13:58:34 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

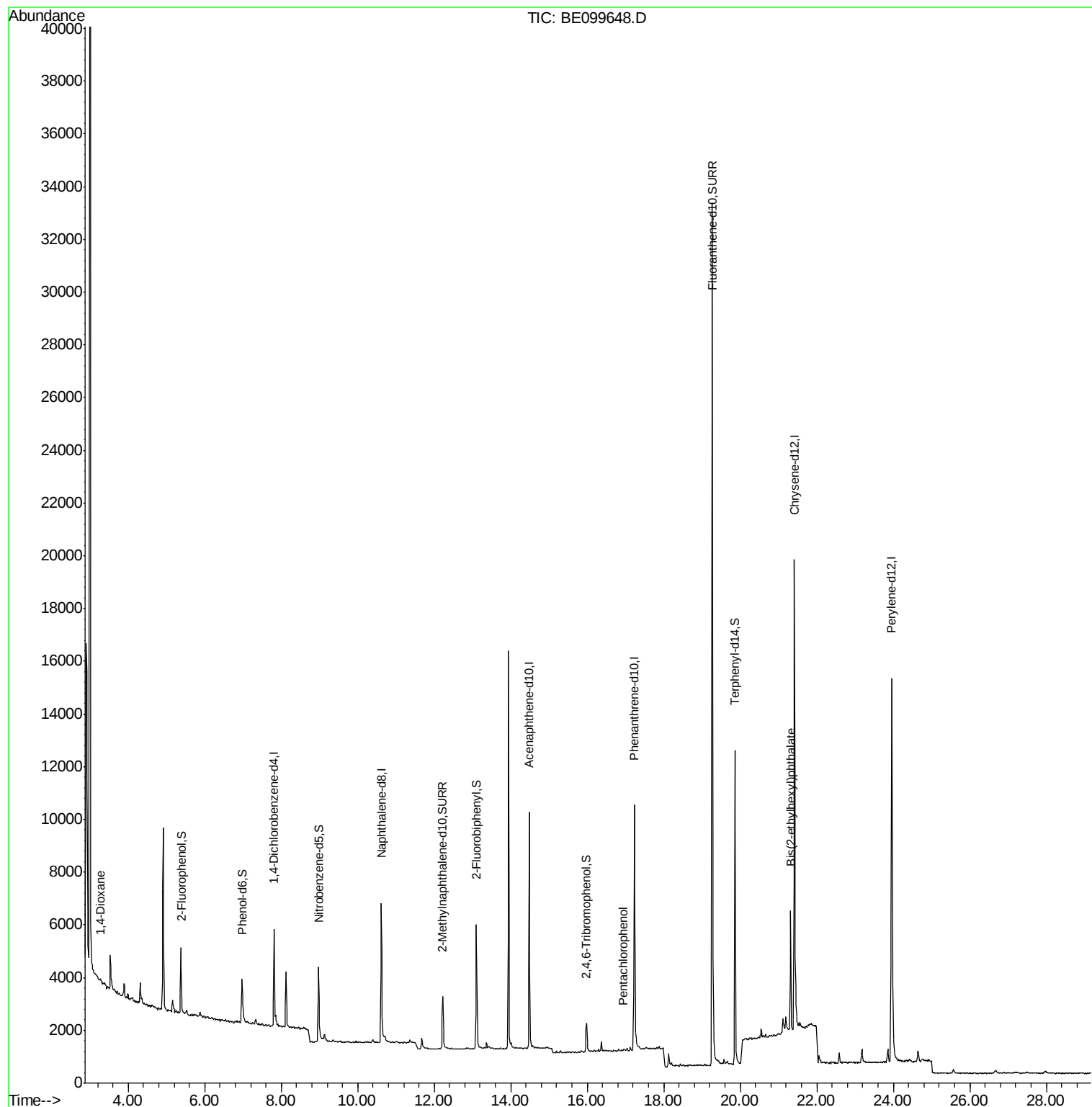
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2127	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	7378	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	5310	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	15477	0.40	ng	0.00
27) Chrysene-d12	21.41	240	20305	0.40	ng	0.00
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						
2) 1,4-Dioxane	3.28	88	97	0.031	ng	# 35
22) Pentachlorophenol	16.95	266	6	0.276	ng	# 72
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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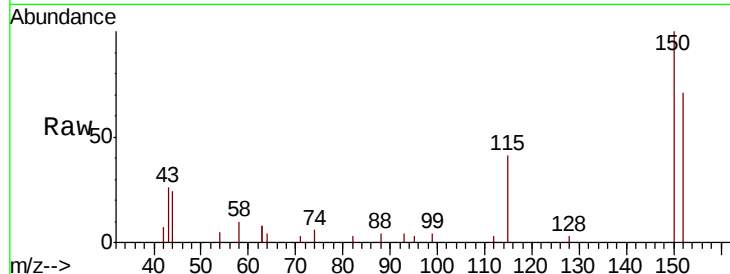


#1

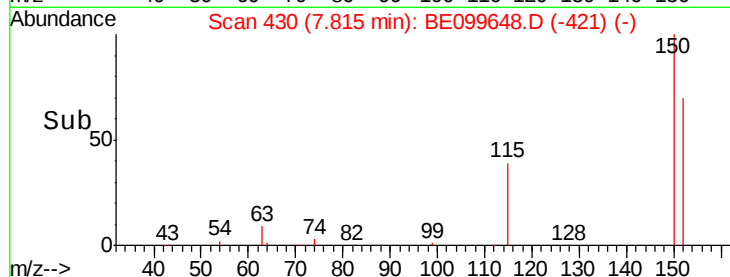
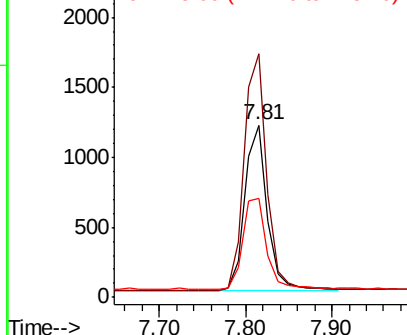
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099648.D
Acq: 17 May 2019 12:36

Instrument :
BNA_E
ClientSampleId :
FEQC-DUP-051419

Tot Ion:152 Resp: 2127
Ion Ratio Lower Upper
152 100
150 141.4 110.1 165.1
115 57.5 46.2 69.4



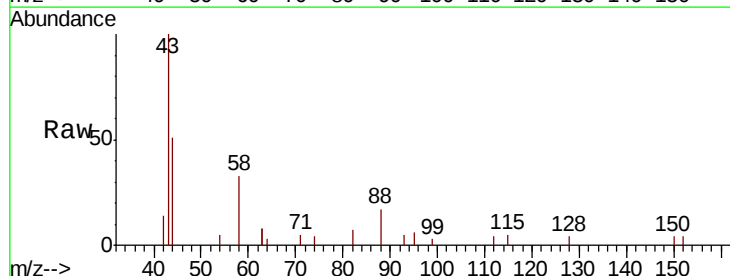
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



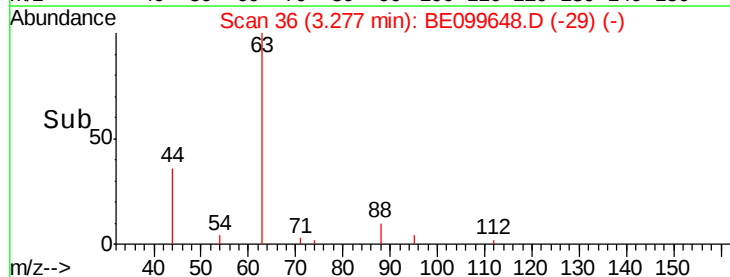
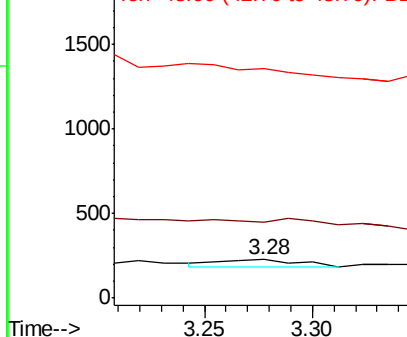
#2

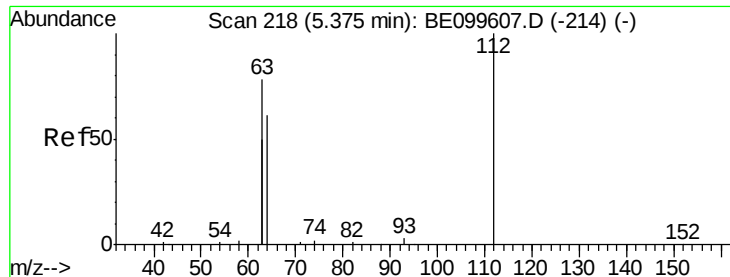
1,4-Dioxane
Concen: 0.031 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.03 min
Lab File: BE099648.D
Acq: 17 May 2019 12:36

Tgt Ion: 88 Resp: 97
Ion Ratio Lower Upper
88 100
58 0.0 39.8 59.6#
43 0.0 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





#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

Instrument :

BNA_E

ClientSampleId :

FEQC-DUP-051419

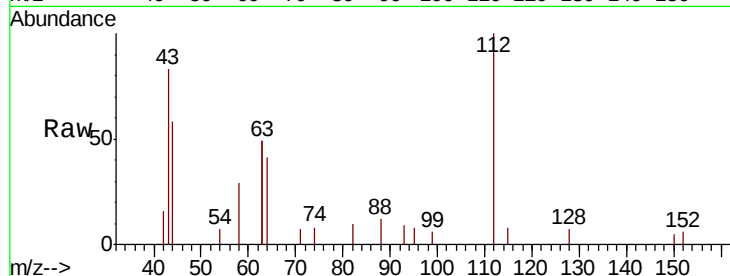
Tot Ion:112 Resp: 1491

Ion Ratio Lower Upper

112 100

64 55.5 43.7 65.5

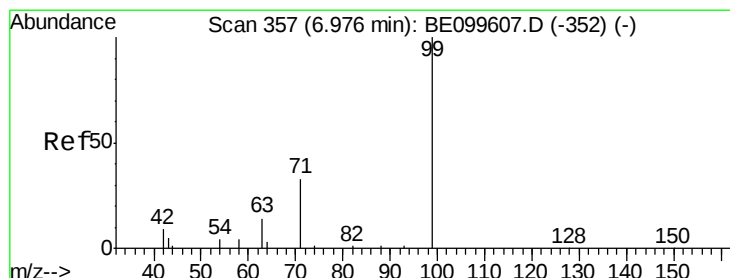
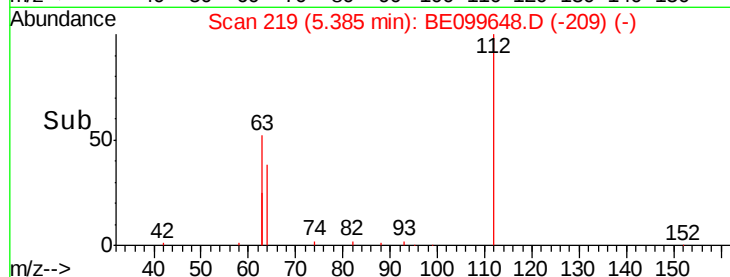
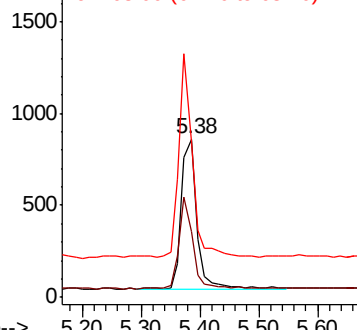
63 118.7 94.0 141.0



Abundance Ion 112.00 (111.70 to 112.70): BE0

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

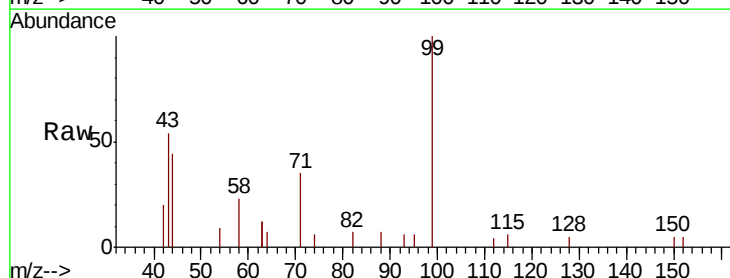
Tgt Ion: 99 Resp: 2026

Ion Ratio Lower Upper

99 100

42 13.4 14.3 21.5#

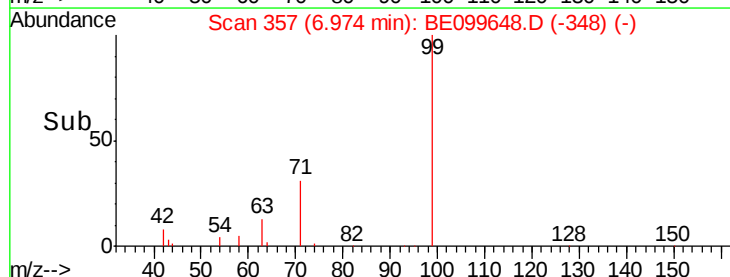
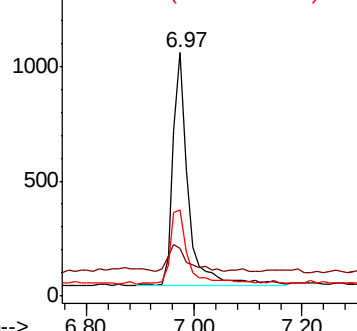
71 34.6 33.1 49.7

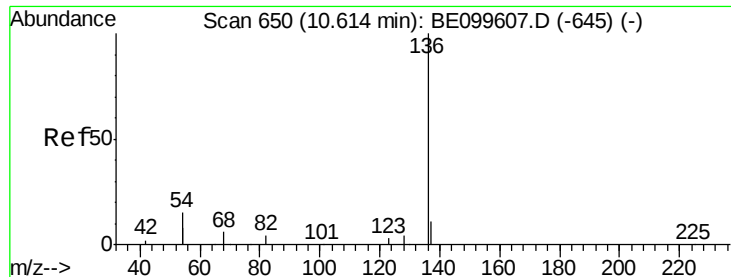


Abundance Ion 99.00 (98.70 to 99.70): BE0

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

Instrument :

BNA_E

ClientSampleId :

FEQC-DUP-051419

Tot Ion:136 Resp: 7378

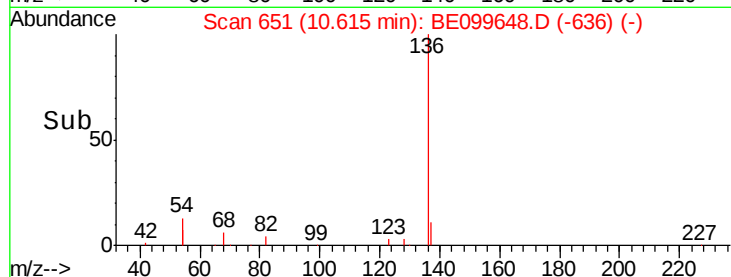
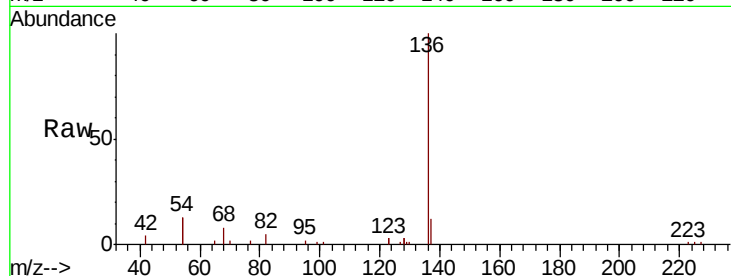
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 26.1 23.8 35.8

68 7.7 6.2 9.2

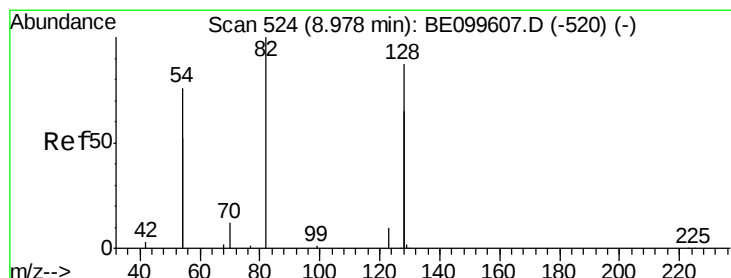
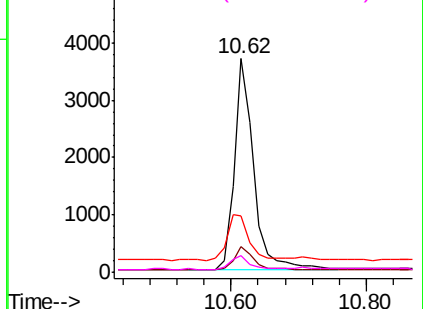


Abundance Ion 136.00 (135.70 to 136.70): E

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

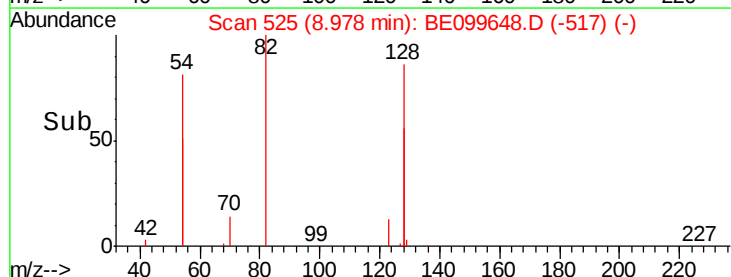
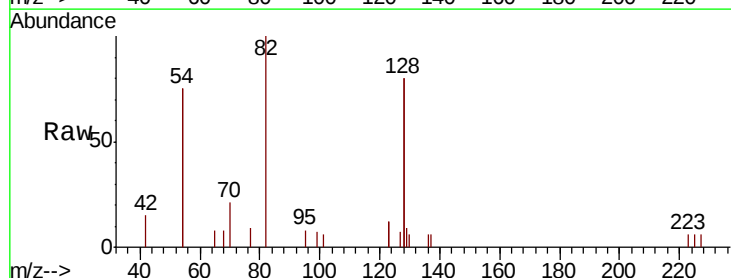
Tgt Ion: 82 Resp: 1575

Ion Ratio Lower Upper

82 100

128 159.3 131.4 197.2

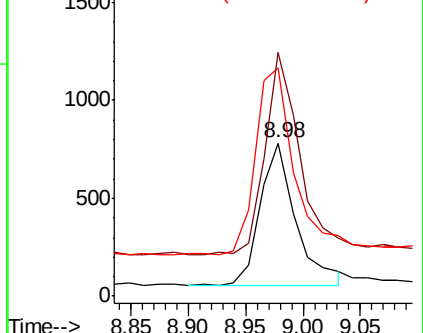
54 149.0 113.9 170.9

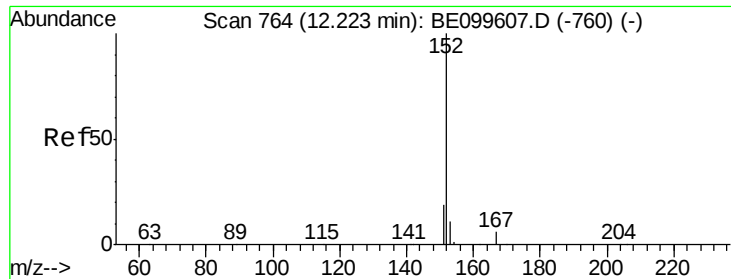


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

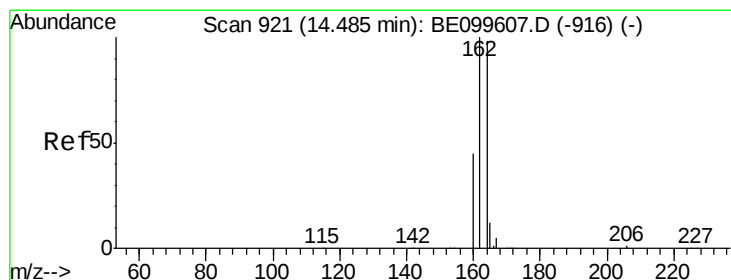
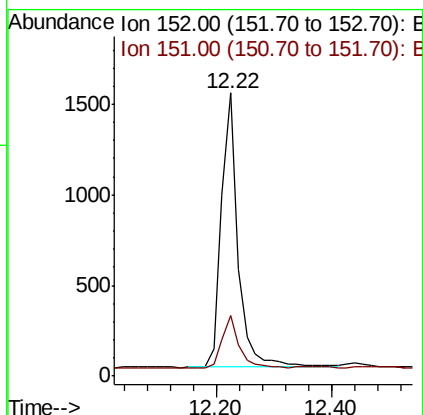
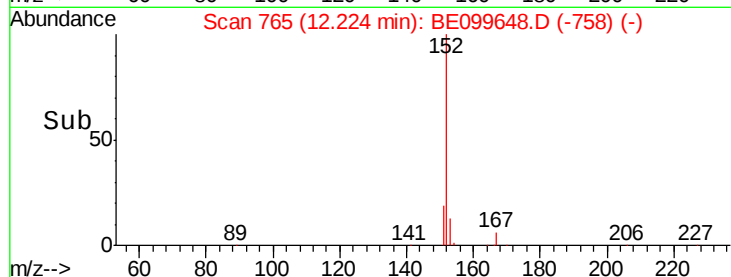
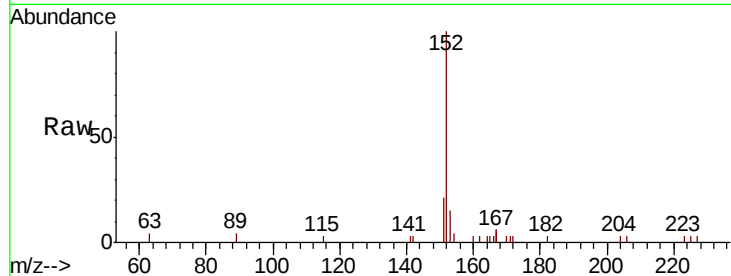




#11
2-Methylnaphthalene-d10
Concen: 0.246 ng
RT: 12.22 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE099648.D
Acq: 17 May 2019 12:36

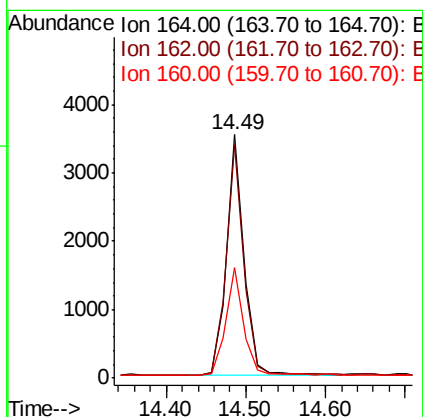
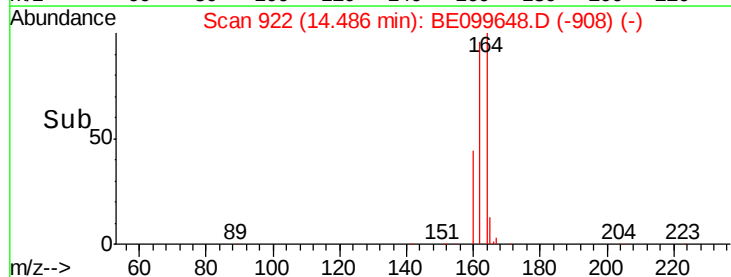
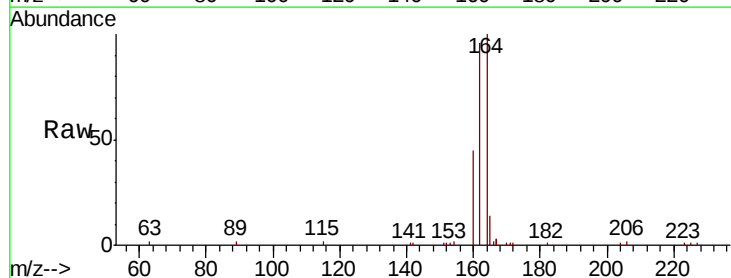
Instrument :
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ClientSampleId :
FEQC-DUP-051419

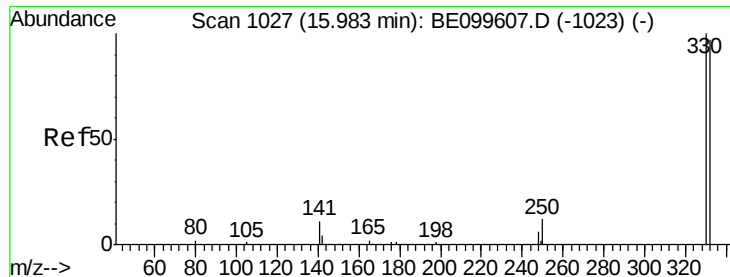
Tot Ion:152 Resp: 3054
Ion Ratio Lower Upper
152 100
151 19.4 15.3 22.9



#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

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

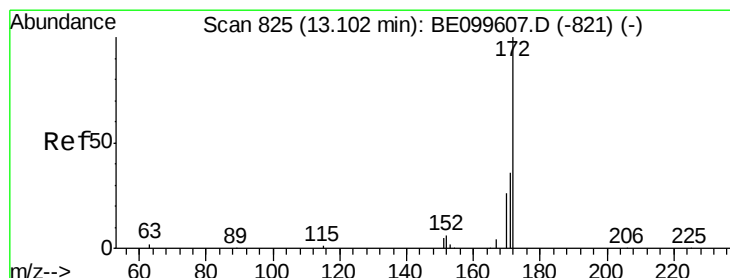
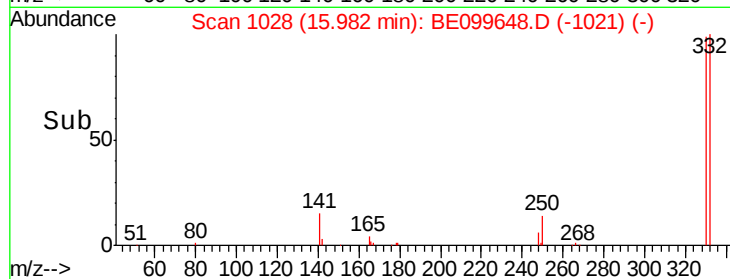
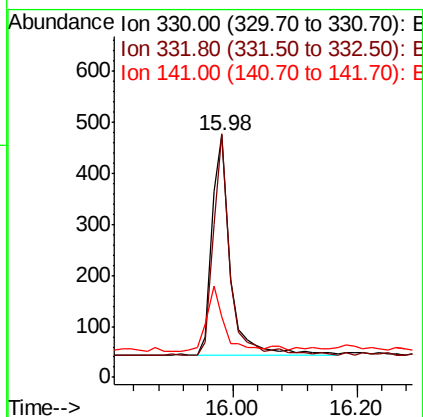
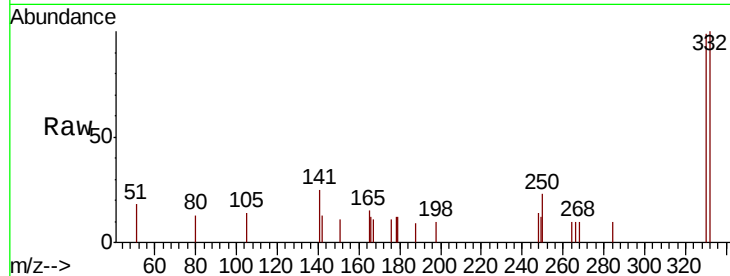




#14
 2,4,6-Tribromophenol
 Concen: 0.240 ng
 RT: 15.98 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BE099648.D
 Acq: 17 May 2019 12:36

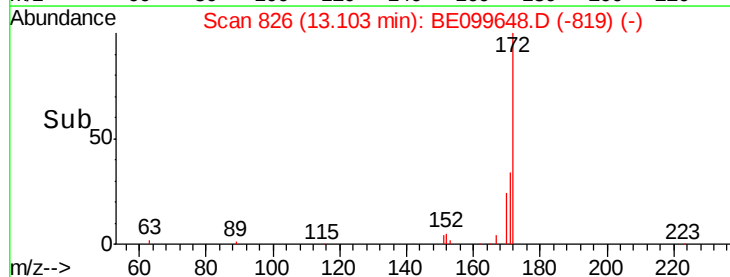
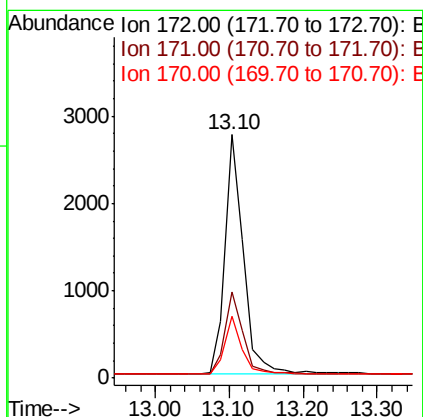
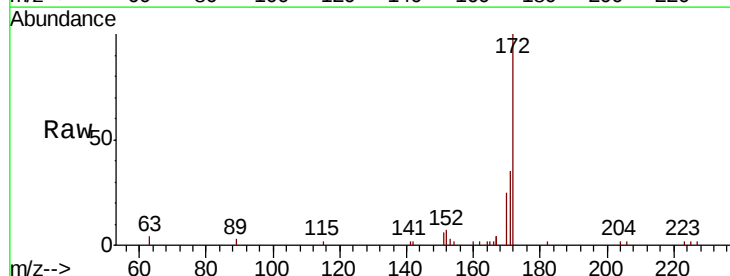
Instrument :
 BNA_E
 ClientSampleId :
 FEQC-DUP-051419

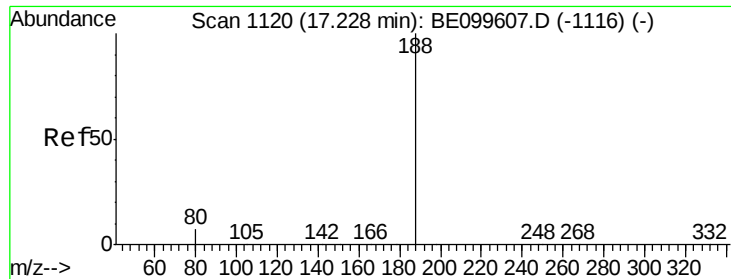
Tot Ion:330 Resp: 871
 Ion Ratio Lower Upper
 330 100
 332 92.5 73.8 110.8
 141 27.7 21.0 31.6



#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

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





#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

Instrument :

BNA_E

ClientSampleId :

FEQC-DUP-051419

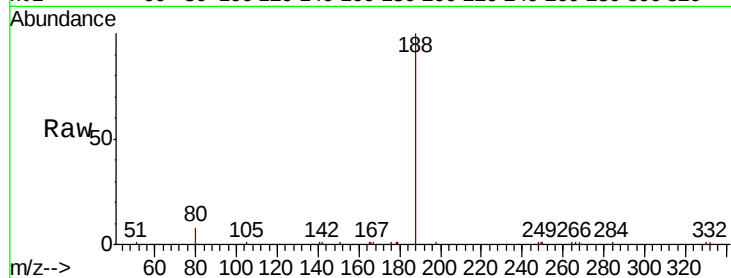
Tot Ion:188 Resp: 15477

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

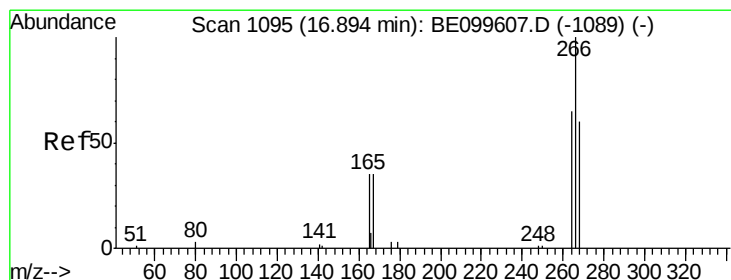
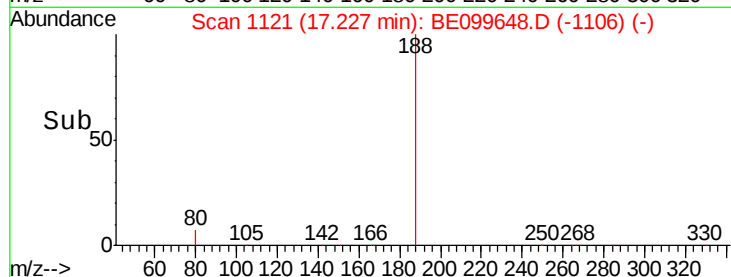
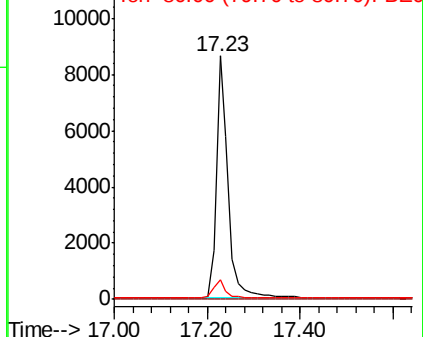
80 8.0 6.4 9.6



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



#22

Pentachlorophenol

Concen: 0.276 ng

RT: 16.95 min Scan# 1100

Delta R.T. 0.05 min

Lab File: BE099648.D

Acq: 17 May 2019 12:36

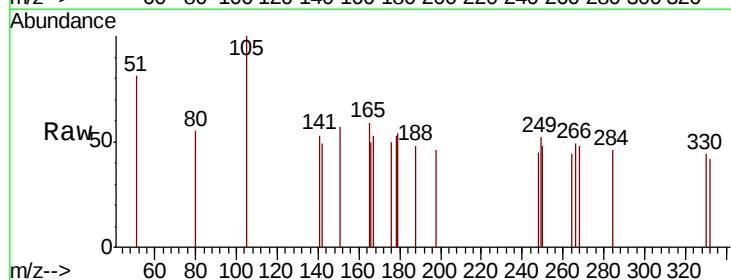
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 90.0 57.7 86.5#

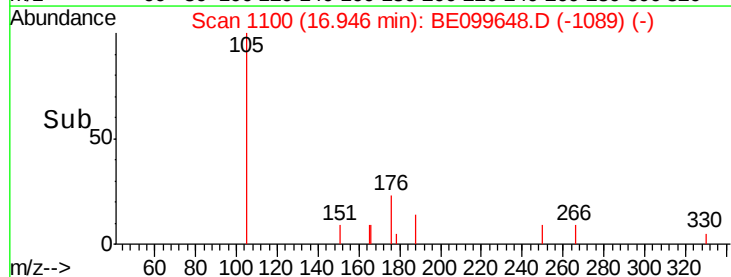
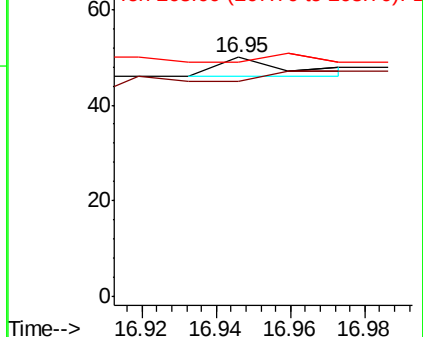
268 98.0 55.8 83.8#

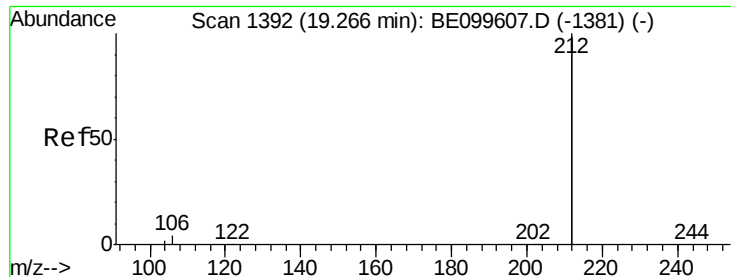


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.236 ng

RT: 19.26 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099648.D

Acq: 17 May 2019 12:36

Instrument :

BNA_E

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FEQC-DUP-051419

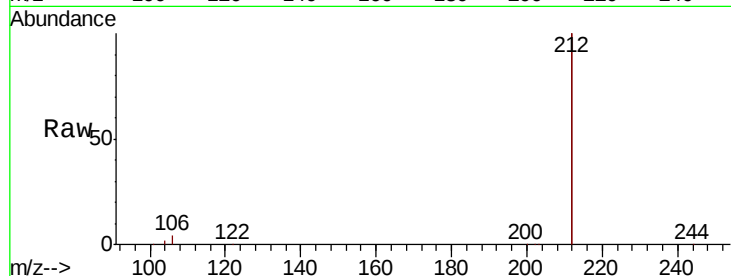
Tot Ion:212 Resp: 48522

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

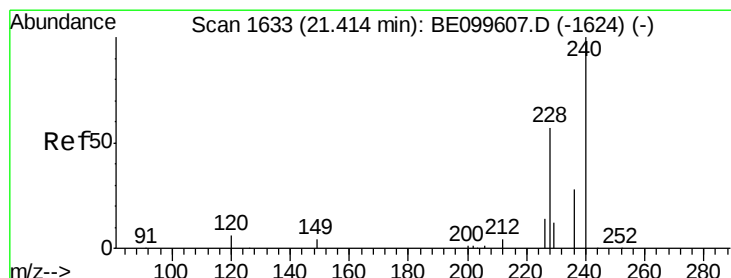
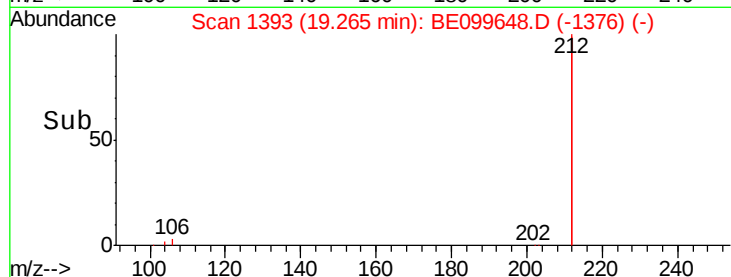
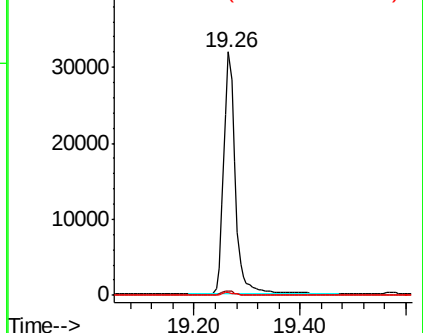
104 1.1 0.9 1.3



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# 1635

Delta R.T. 0.00 min

Lab File: BE099648.D

Acq: 17 May 2019 12:36

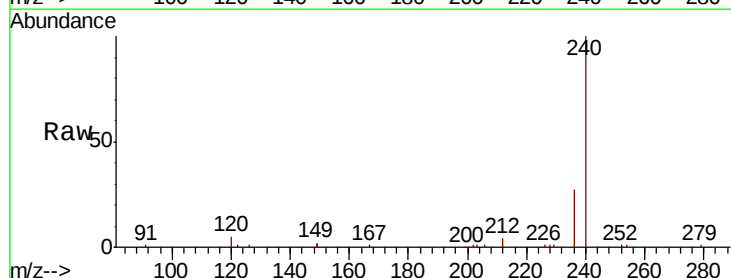
Tgt Ion:240 Resp: 20305

Ion Ratio Lower Upper

240 100

120 5.0 5.7 8.5#

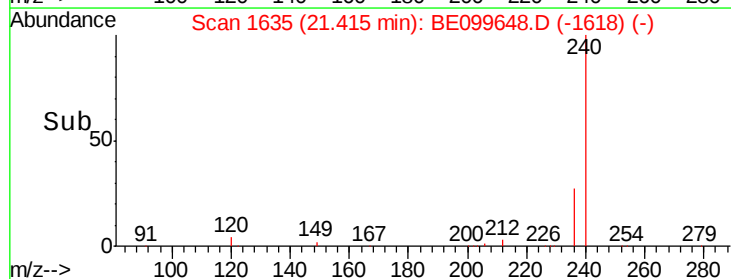
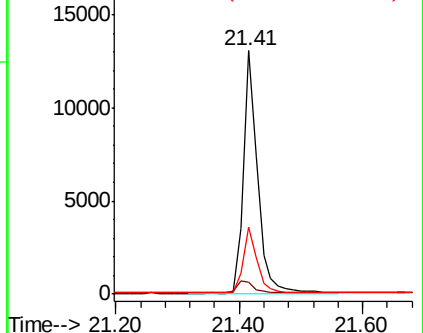
236 27.3 22.8 34.2

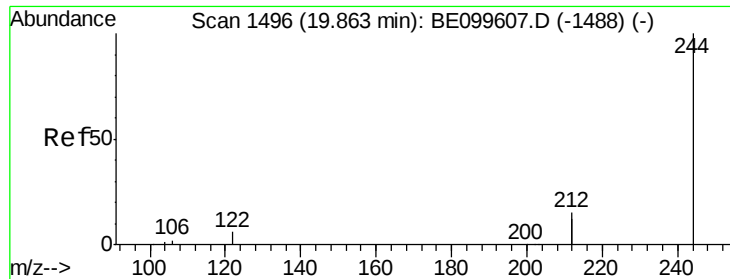


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.332 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

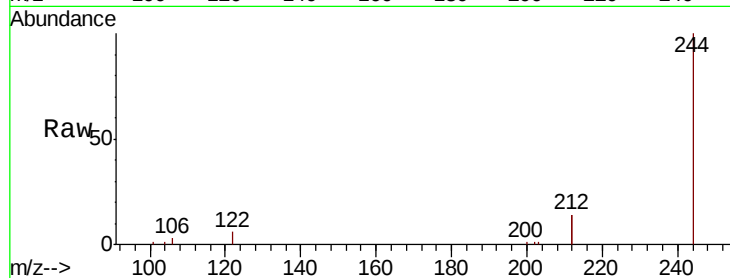
Tot Ion:244 Resp: 12149

Ion Ratio Lower Upper

244 100

212 28.8 23.8 35.6

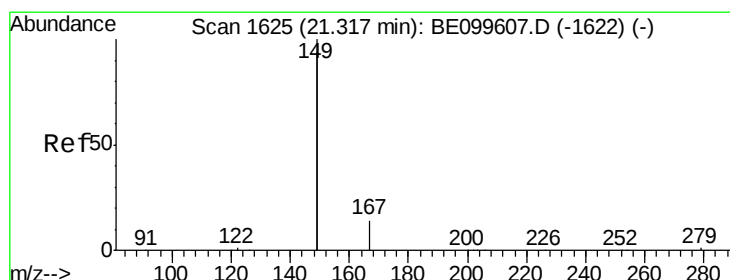
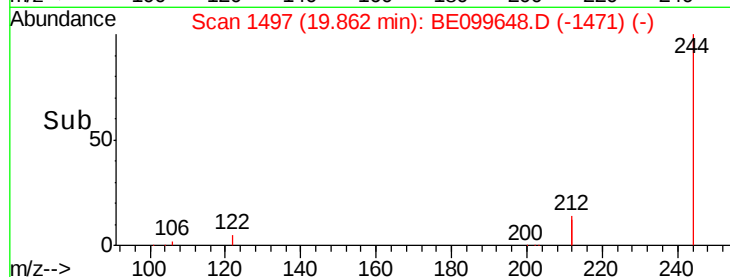
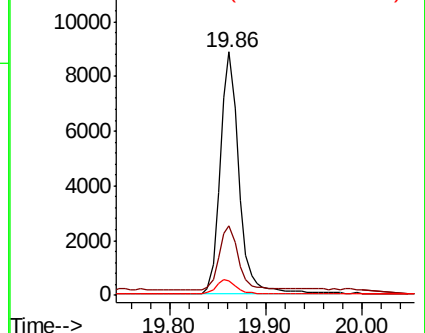
122 6.0 5.0 7.6



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

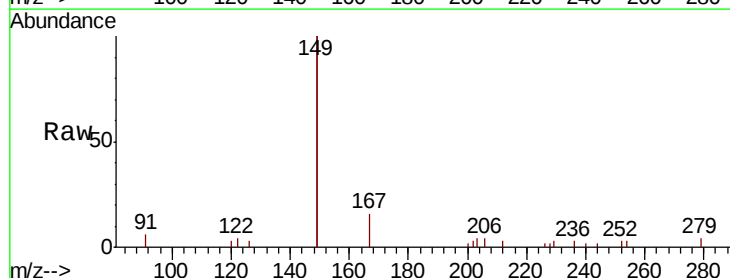
Tgt Ion:149 Resp: 5254

Ion Ratio Lower Upper

149 100

167 7.3 6.0 9.0

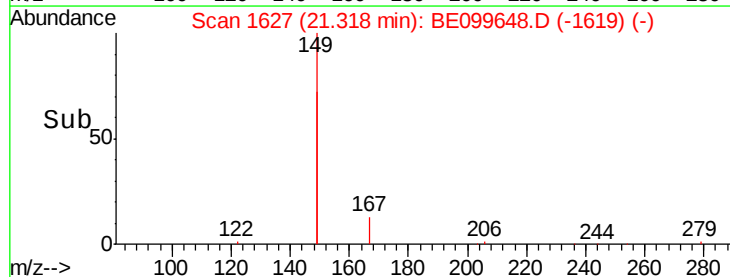
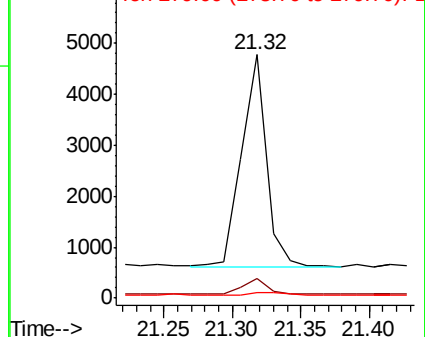
279 1.5 1.1 1.7

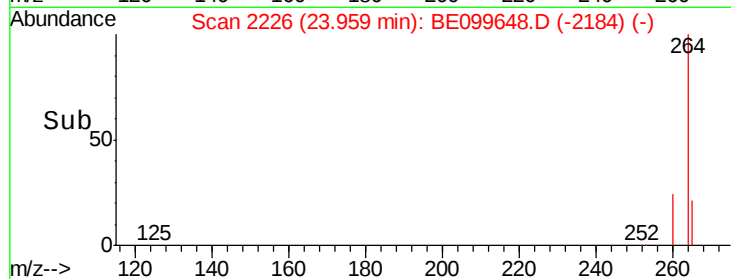
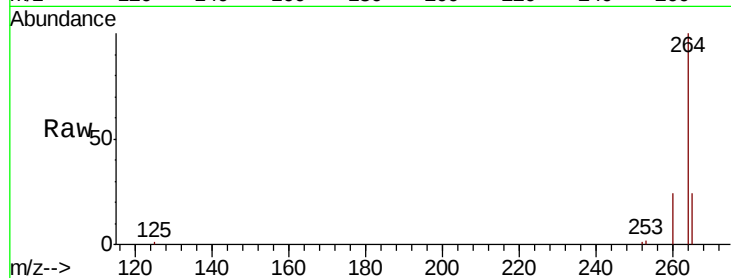
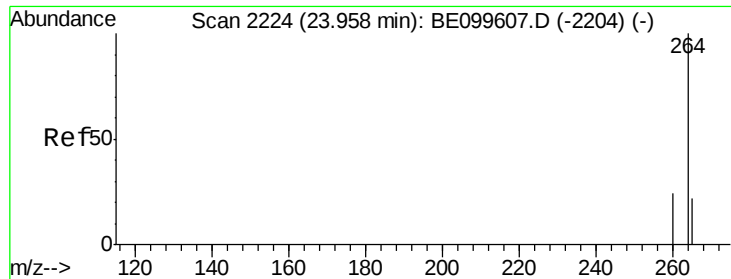


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-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

Tot Ion:264 Resp: 24047

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 24.2 21.2 31.8

