

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099750.D
 Acq On : 24 May 2019 19:48
 Operator : JU/SJ
 Sample : K3036-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FEQC-FB-052319

Quant Time: May 24 21:34:52 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

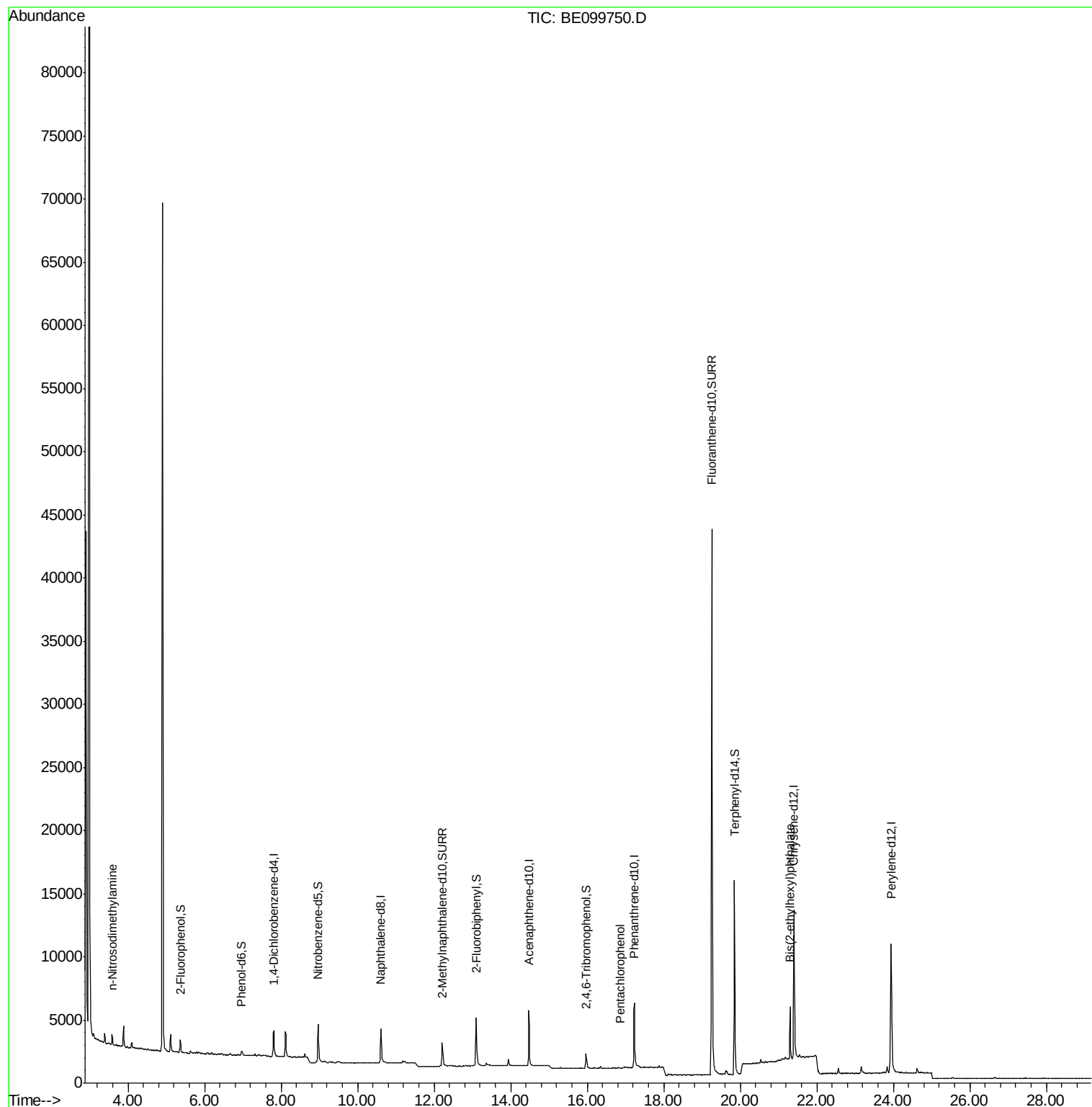
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1273	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	4128	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3037	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	10100	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15000	0.40	ng	-0.01
34) Perylene-d12	23.94	264	17498	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	571	0.18	ng	-0.01
5) Phenol-d6	6.96	99	480	0.11	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1598	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3059	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	899	0.51	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4953	0.43	ng	0.00
25) Fluoranthene-d10	19.25	212	64124	0.46	ng	-0.01
29) Terphenyl-d14	19.85	244	14896	0.56	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.58	42	104	0.100	ng	# 1
22) Pentachlorophenol	16.87	266	6	0.184	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.31	149	4615	0.094	ng	99

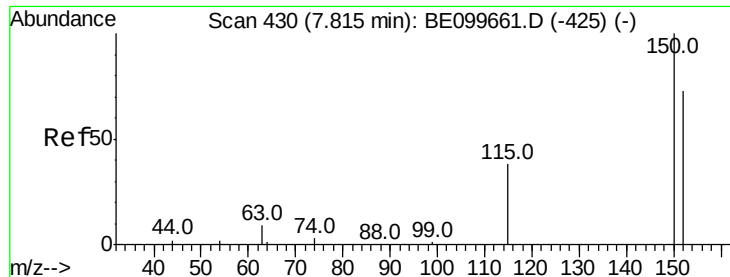
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

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ClientSampleId :

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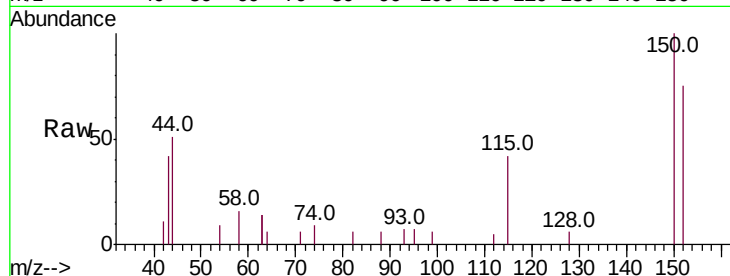
Tot Ion:152 Resp: 1273

Ion Ratio Lower Upper

152 100

150 133.6 109.2 163.8

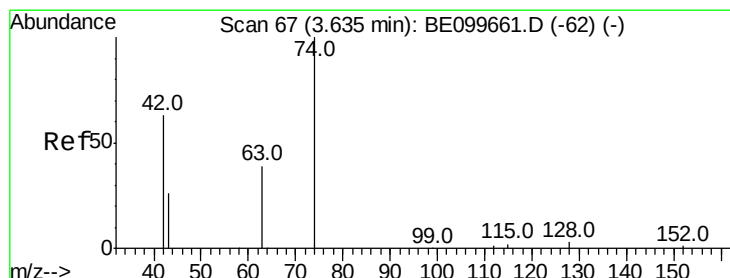
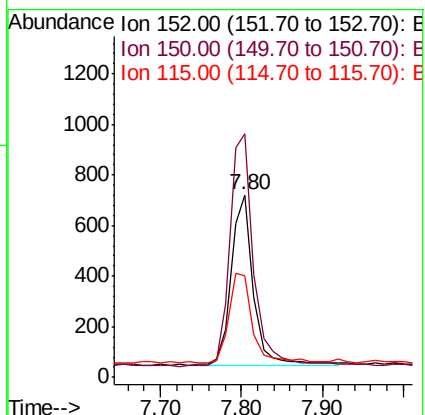
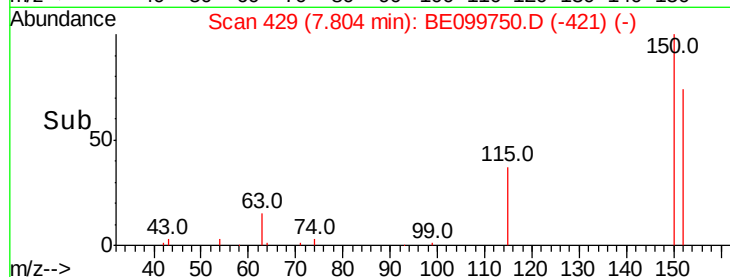
115 55.9 43.7 65.5



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: 0.100 ng

RT: 3.58 min Scan# 62

Delta R.T. -0.06 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

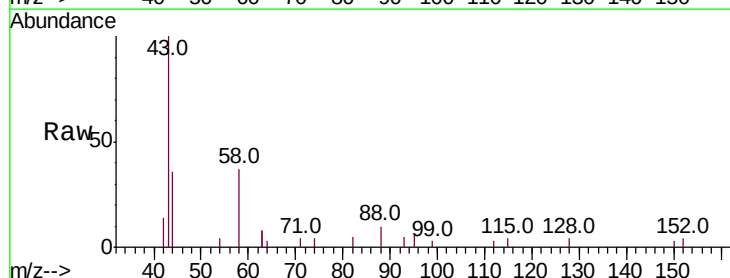
Tgt Ion: 42 Resp: 104

Ion Ratio Lower Upper

42 100

74 0.0 129.2 193.8#

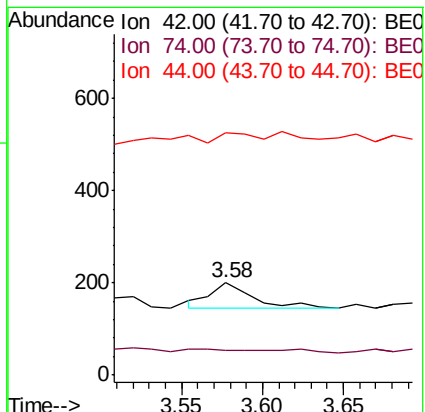
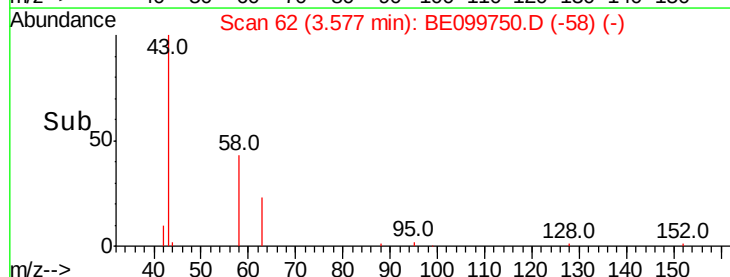
44 33.7 0.0 0.0#

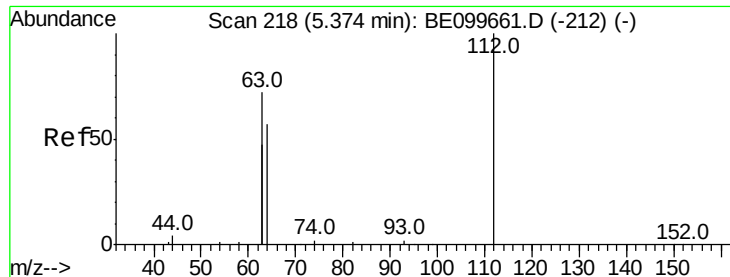


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.177 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

Instrument :

BNA_E

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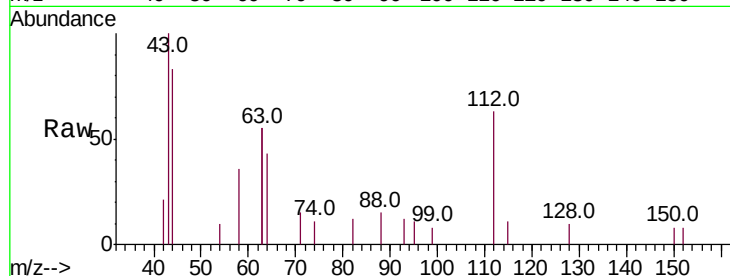
Tot Ion:112 Resp: 571

Ion Ratio Lower Upper

112 100

64 60.2 43.4 65.2

63 125.0 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

800

600

400

200

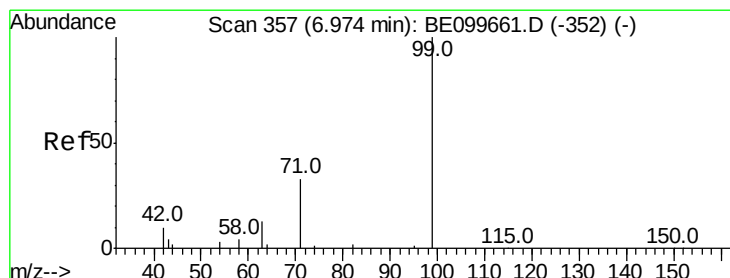
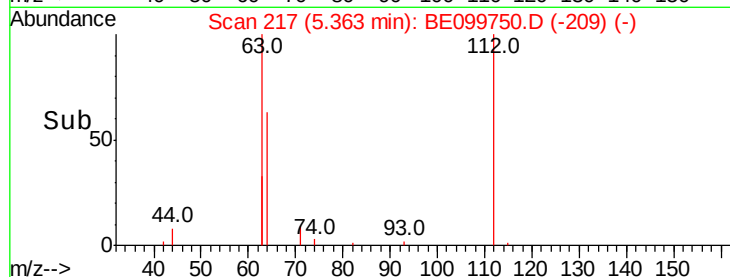
0

5.30

5.40

5.50

Time-->



#5

Phenol-d6

Concen: 0.113 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

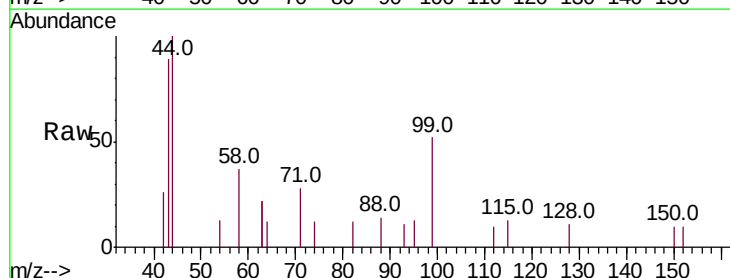
Tgt Ion: 99 Resp: 480

Ion Ratio Lower Upper

99 100

42 26.3 12.2 18.2#

71 43.1 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

300

200

100

0

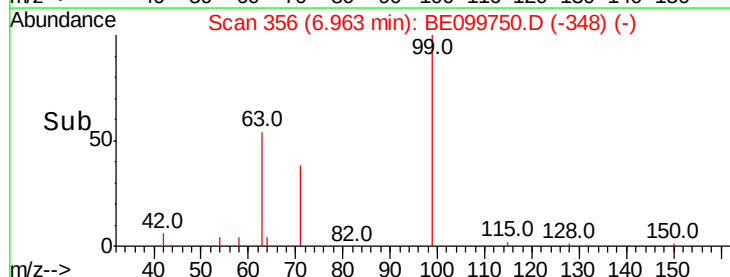
6.80

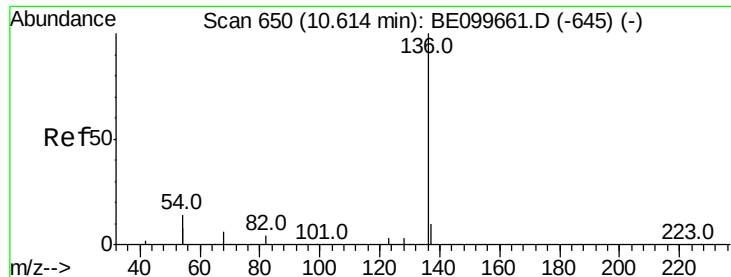
6.90

7.00

7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-052319

Tot Ion:136 Resp: 4128

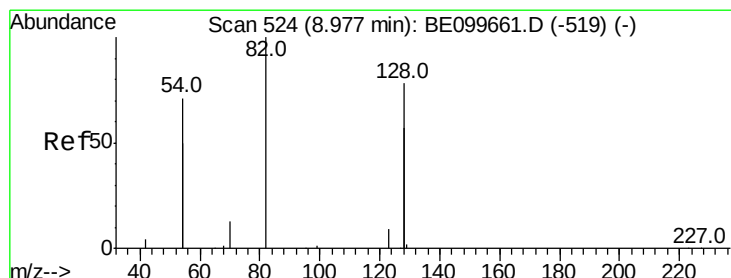
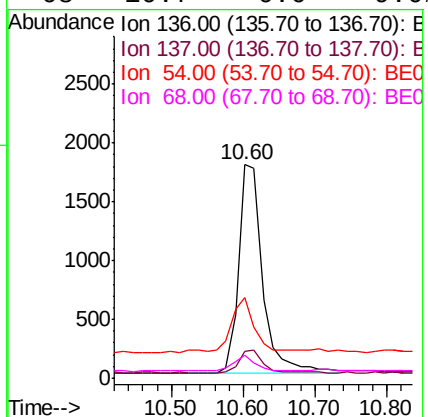
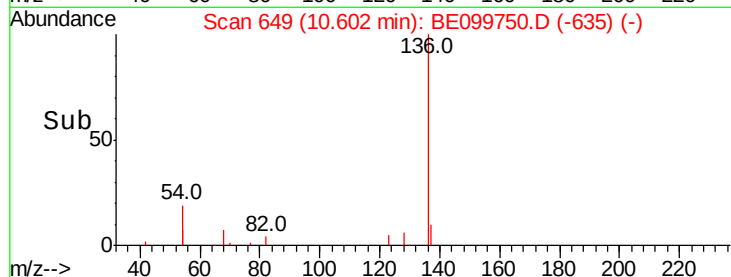
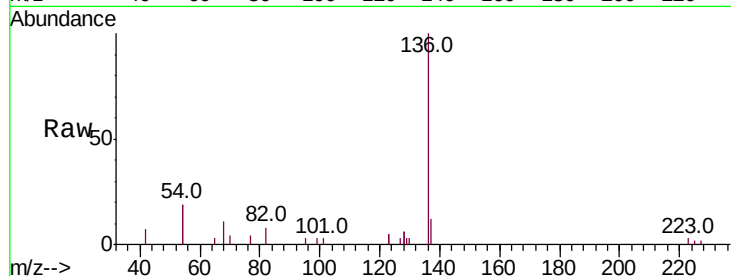
Ion Ratio Lower Upper

136 100

137 12.4 9.0 13.6

54 37.9 22.3 33.5#

68 10.7 6.0 9.0#



#8

Nitrobenzene-d5

Concen: 0.447 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

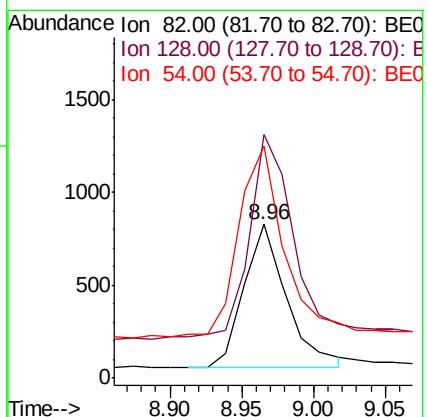
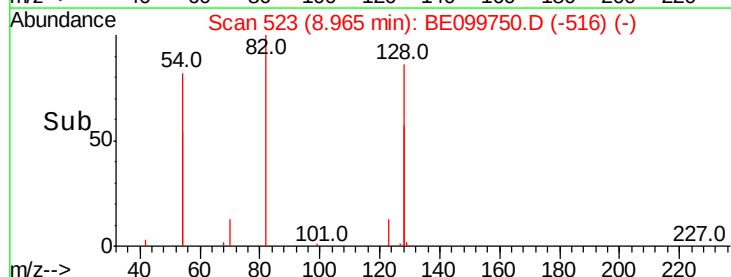
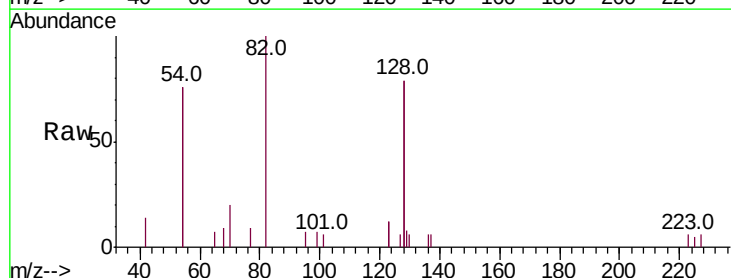
Tgt Ion: 82 Resp: 1598

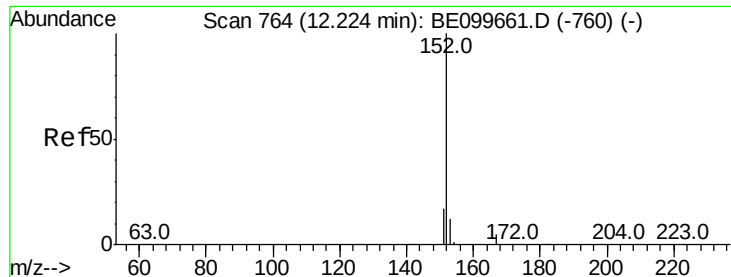
Ion Ratio Lower Upper

82 100

128 158.1 117.7 176.5

54 151.1 106.6 160.0

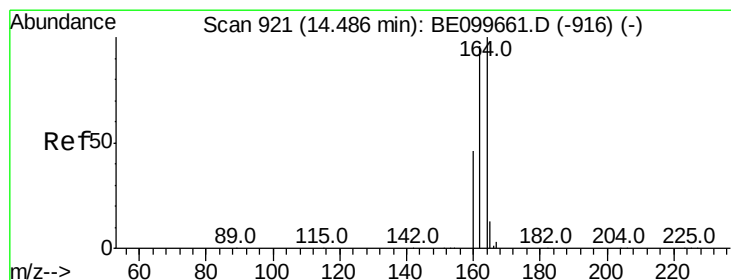
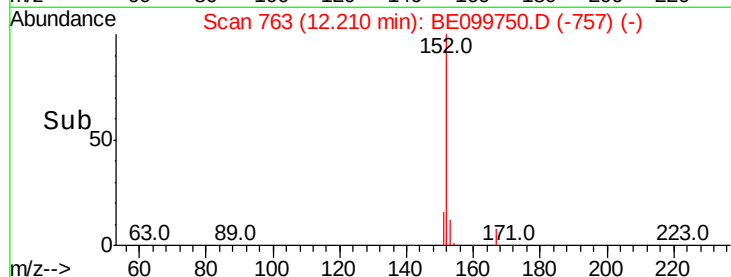
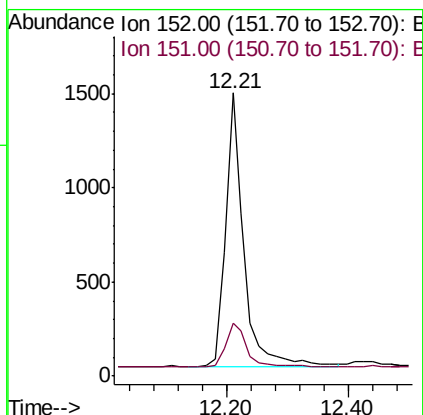
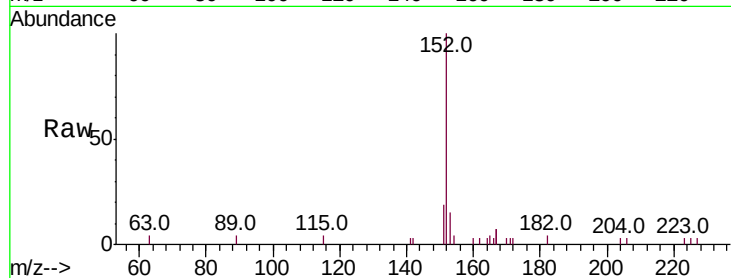




#11
 2-Methylnaphthalene-d10
 Concen: 0.429 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE099750.D
 Acq: 24 May 2019 19:48

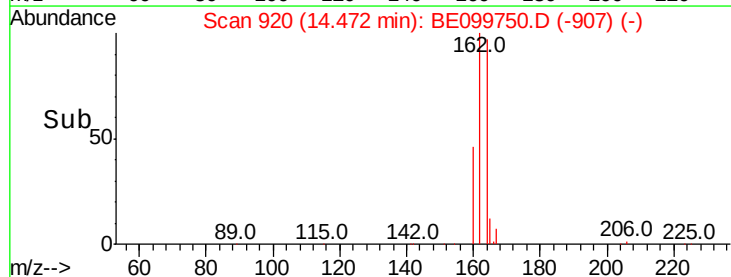
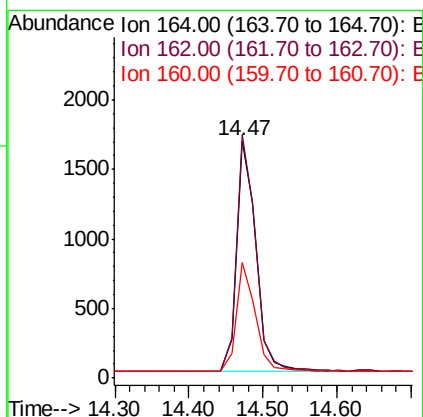
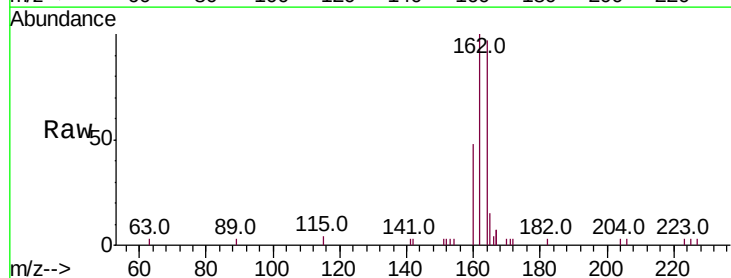
Instrument :
 BNA_E
 ClientSampleId :
 FEQC-FB-052319

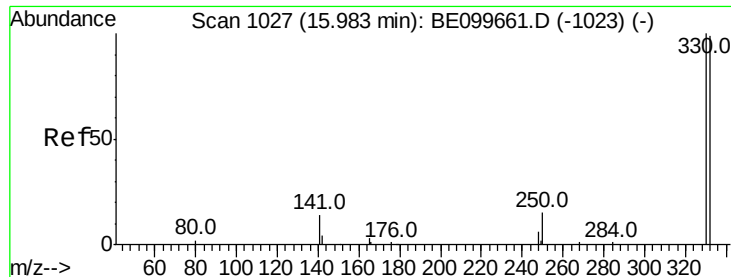
Tot Ion:152 Resp: 3059
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.0 22.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BE099750.D
 Acq: 24 May 2019 19:48

Tgt Ion:164 Resp: 3037
 Ion Ratio Lower Upper
 164 100
 162 102.6 76.5 114.7
 160 48.9 37.4 56.2





#14

2,4,6-Tribromophenol

Concen: 0.514 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-052319

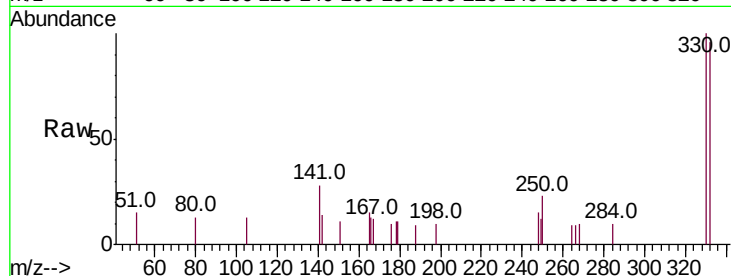
Tot Ion:330 Resp: 899

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 26.8 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

15.97

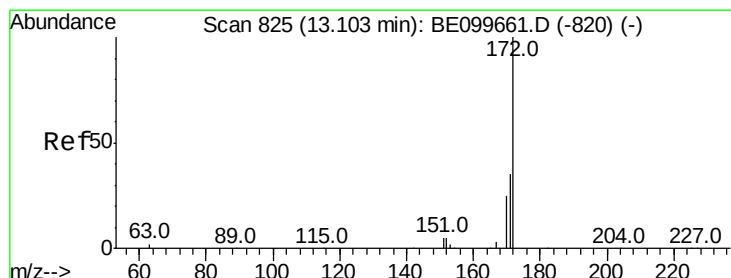
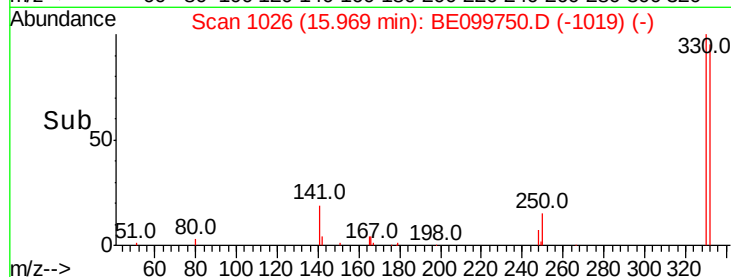
400

200

0

15.80 16.00 16.20

Time-->



#15

2-Fluorobiphenyl

Concen: 0.430 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

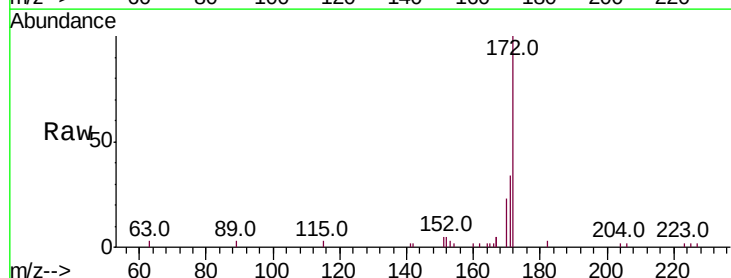
Tgt Ion:172 Resp: 4953

Ion Ratio Lower Upper

172 100

171 34.2 28.7 43.1

170 22.9 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

13.10

3000

2500

2000

1500

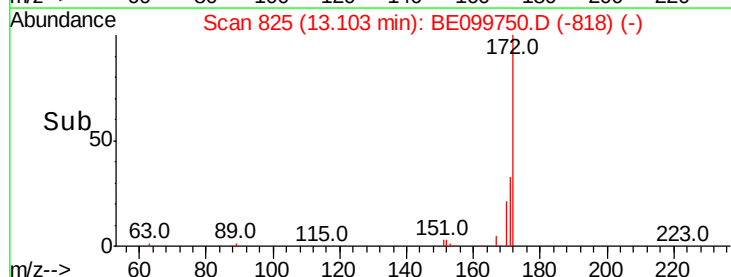
1000

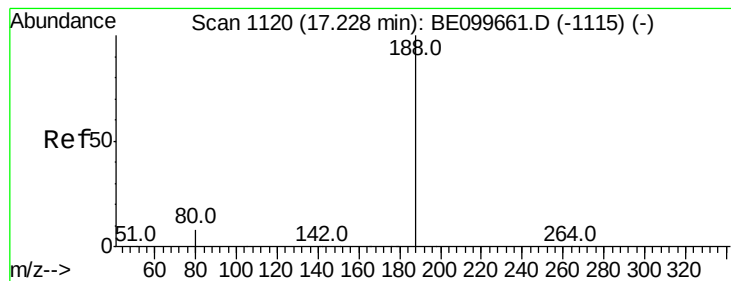
500

0

13.00 13.20 13.40

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

Instrument :

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ClientSampleId :

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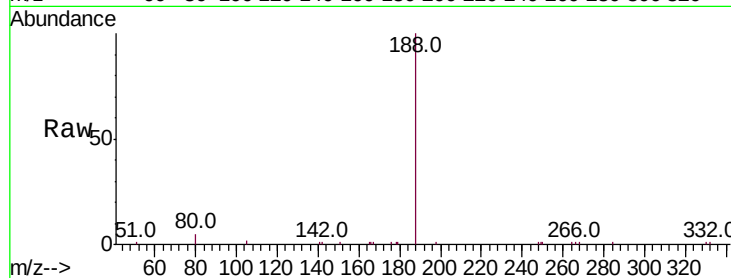
Tot Ion:188 Resp: 10100

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

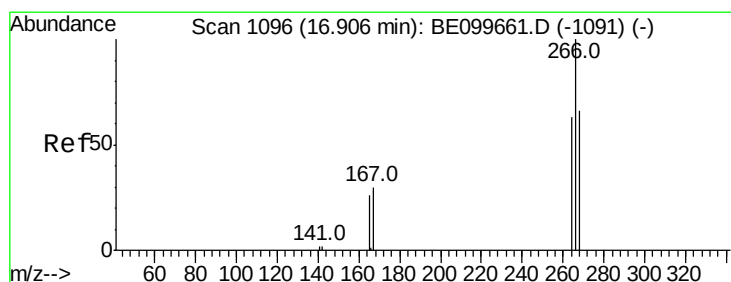
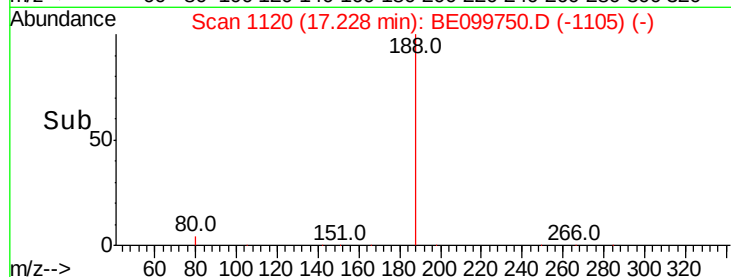
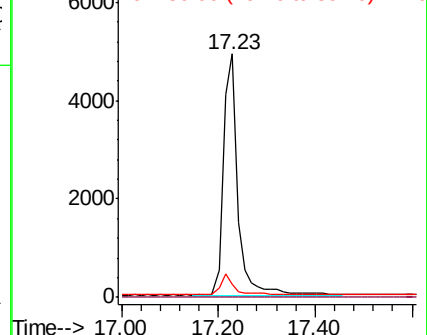
80 5.2 6.7 10.1#



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



#22

Pentachlorophenol

Concen: 0.184 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

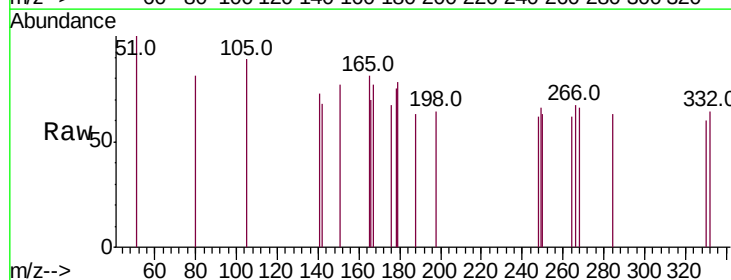
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 91.8 57.2 85.8#

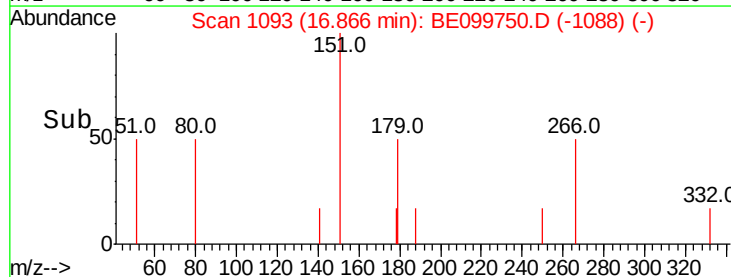
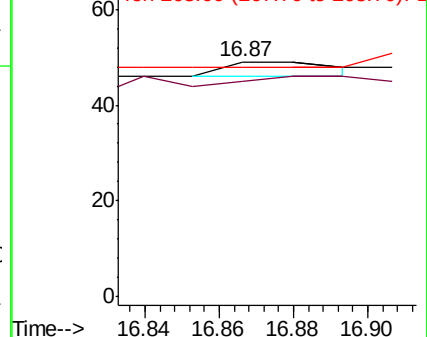
268 98.0 60.5 90.7#

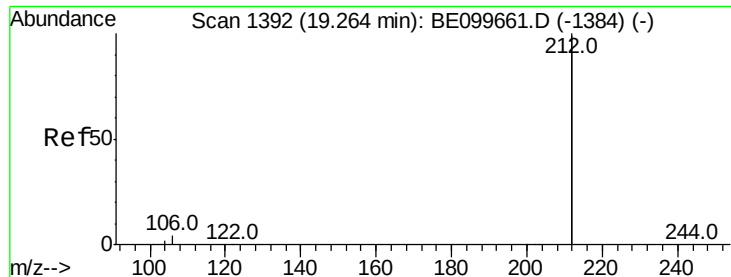


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.465 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

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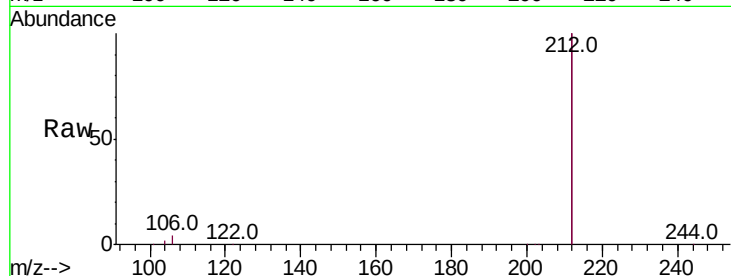
Tot Ion:212 Resp: 64124

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

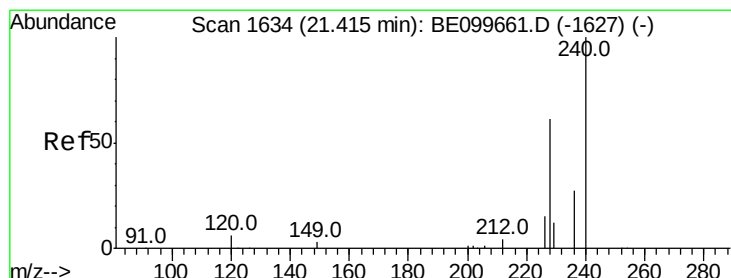
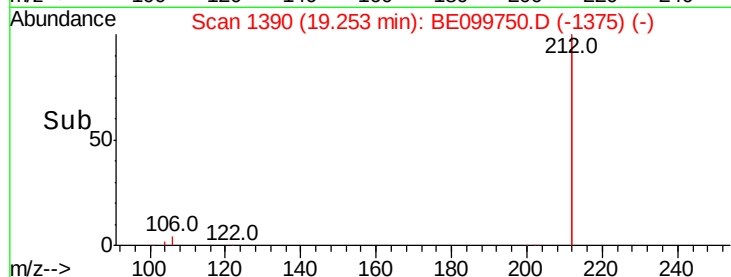
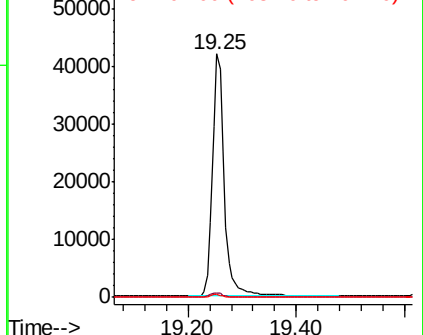
104 1.1 0.8 1.2



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

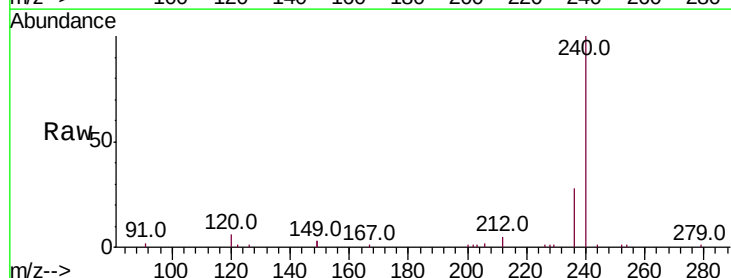
Tgt Ion:240 Resp: 15000

Ion Ratio Lower Upper

240 100

120 6.4 5.4 8.0

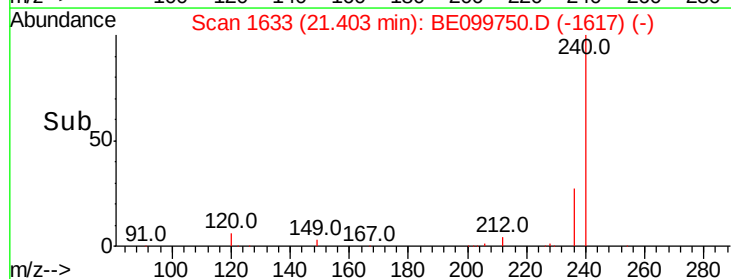
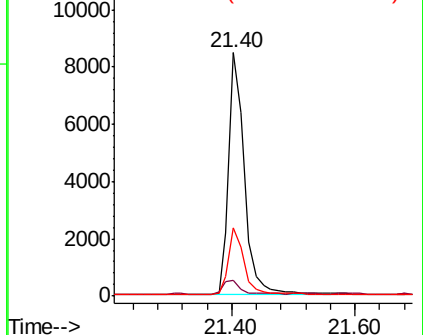
236 28.0 21.7 32.5

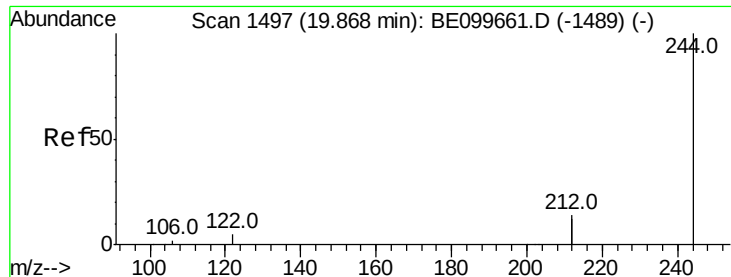


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.556 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

Instrument :

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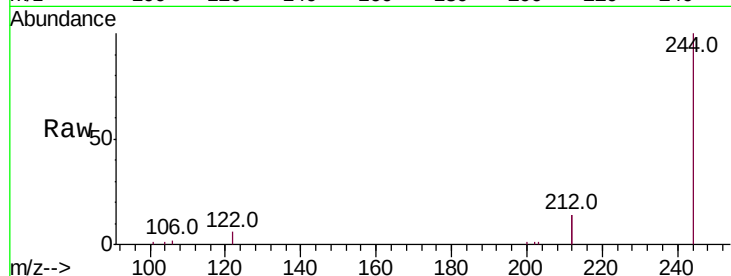
Tot Ion:244 Resp: 14896

Ion Ratio Lower Upper

244 100

212 29.0 22.5 33.7

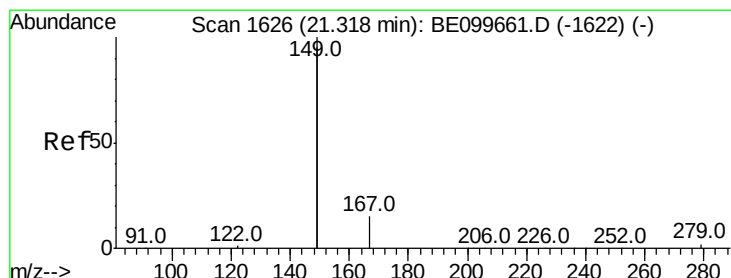
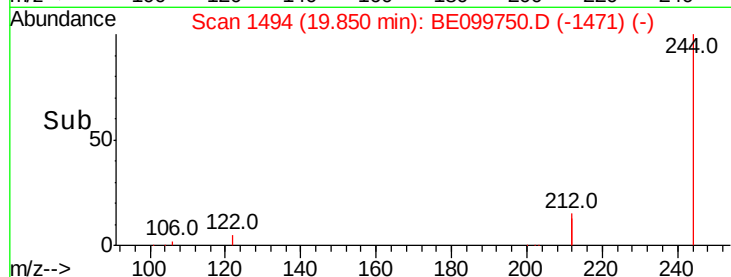
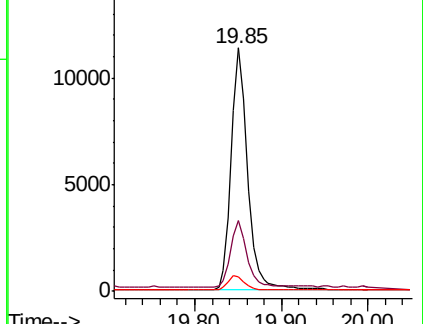
122 5.8 4.3 6.5



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: 0.094 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099750.D

Acq: 24 May 2019 19:48

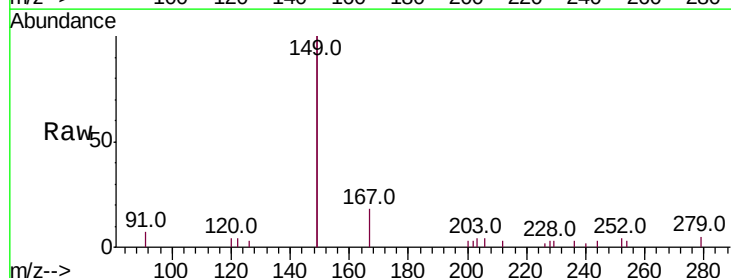
Tgt Ion:149 Resp: 4615

Ion Ratio Lower Upper

149 100

167 8.1 6.2 9.4

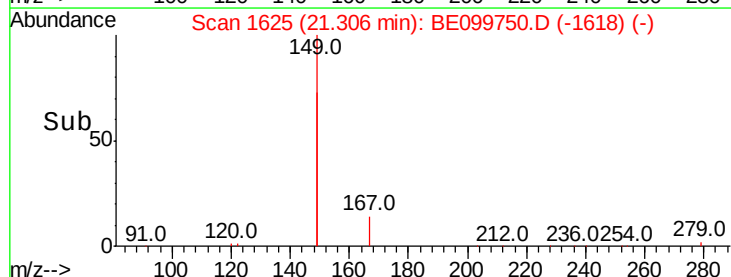
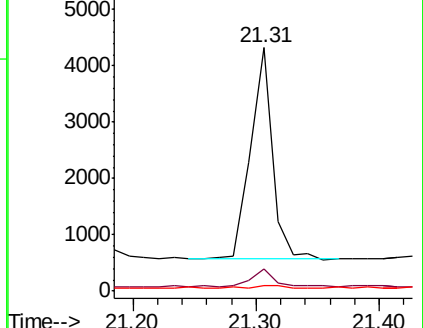
279 1.7 1.2 1.8

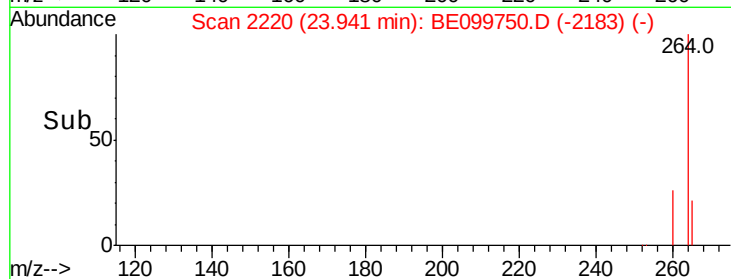
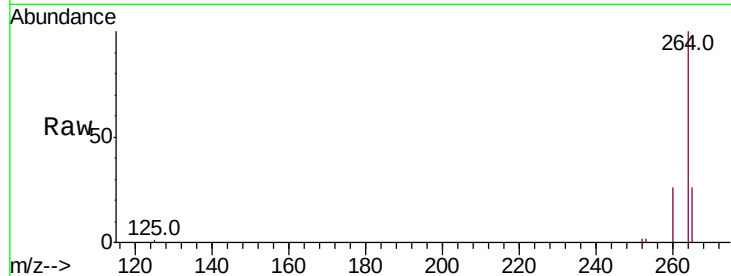
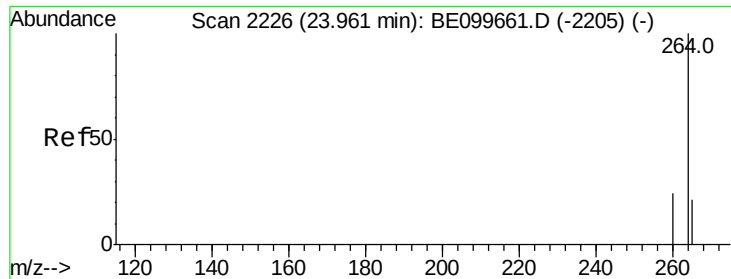


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE099750.D

Acq: 24 May 2019 19:48

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-052319

Tot Ion:264 Resp: 17498

Ion Ratio Lower Upper

264 100

260 26.3 19.6 29.4

265 26.1 19.1 28.7

