

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
 Data File : BE099672.D
 Acq On : 20 May 2019 22:18
 Operator : JU/SJ
 Sample : K2838-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FEQC-FB-051419

Quant Time: May 21 06:42:31 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	1486	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	4938	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3427	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10252	0.40	ng	0.00
27) Chrysene-d12	21.41	240	13321	0.40	ng	0.00
34) Perylene-d12	23.96	264	16577	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	701	0.19	ng	0.00
5) Phenol-d6	6.98	99	583	0.12	ng	0.00
8) Nitrobenzene-d5	8.98	82	1835	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3883	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	585	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	6775	0.52	ng	0.00
25) Fluoranthene-d10	19.26	212	65031	0.46	ng	0.00
29) Terphenyl-d14	19.86	244	14364	0.60	ng	0.00

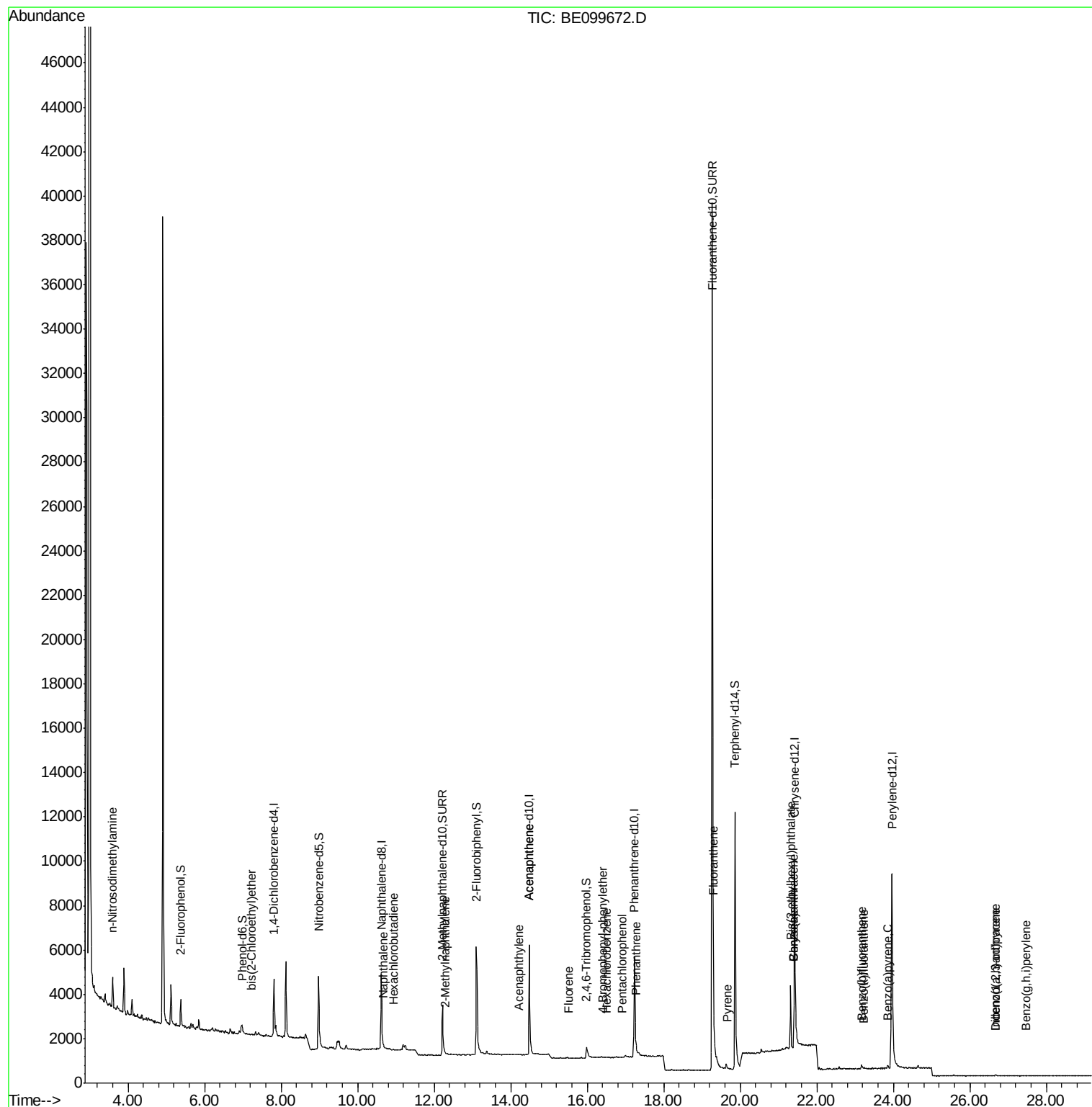
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.59	42	106	0.087	ng	# 1
6) bis(2-Chloroethyl)ether	7.22	93	24	0.005	ng	# 1
9) Naphthalene	10.67	128	285	0.005	ng	# 58
10) Hexachlorobutadiene	10.93	225	11	0.003	ng	# 53
12) 2-Methylnaphthalene	12.30	142	16	0.002	ng	# 60
16) Acenaphthylene	14.21	152	22	0.001	ng	# 6
17) Acenaphthene	14.49	154	16	0.002	ng	# 23
18) Fluorene	15.53	166	37	0.003	ng	# 8
20) 4-Bromophenyl-phenylether	16.41	248	16	0.003	ng	# 66
21) Hexachlorobenzene	16.50	284	7	0.001	ng	# 1
22) Pentachlorophenol	16.91	266	16	0.189	ng	# 75
23) Phenanthrene	17.27	178	117	0.005	ng	# 74
26) Fluoranthene	19.30	202	97	0.002	ng	# 71
28) Pyrene	19.66	202	65	0.002	ng	# 58
30) Benzo(a)anthracene	21.40	228	69	0.002	ng	# 1
31) Chrysene	21.40	228	65	0.002	ng	# 7
32) Bis(2-ethylhexyl)phthalate	21.32	149	3465	0.079	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	5	0.000	ng	# 9
35) Benzo(b)fluoranthene	23.18	252	58	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.24	252	38	0.001	ng	# 1
37) Benzo(a)pyrene	23.85	252	6	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.67	278	8	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.47	276	5	0.000	ng	# 1

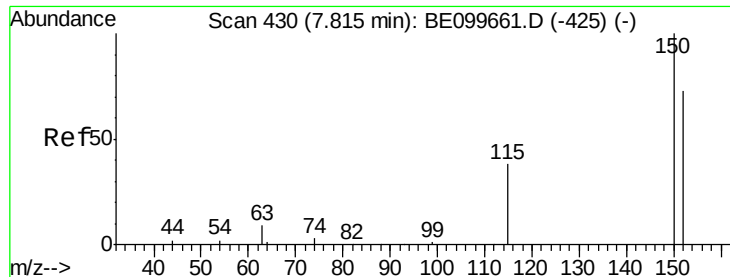
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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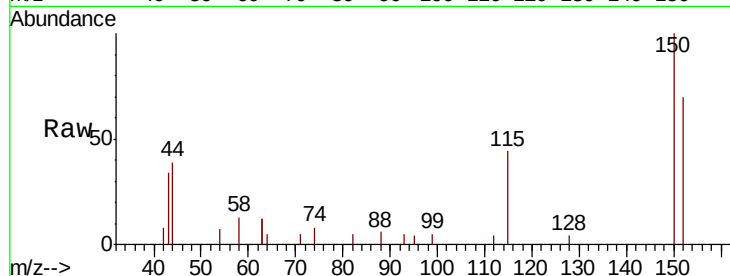


#1

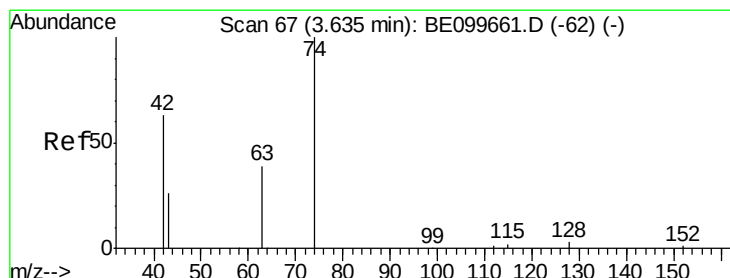
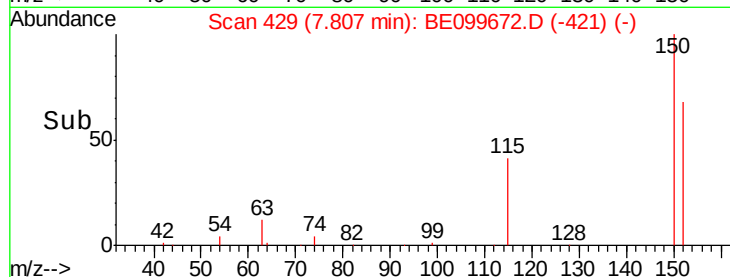
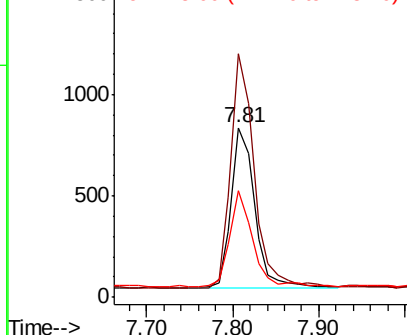
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099672.D
Acq: 20 May 2019 22:18

Instrument :
BNA_E
ClientSampleId :
FEQC-FB-051419

Tgt Ion:152 Resp: 1486
Ion Ratio Lower Upper
152 100
150 143.3 109.2 163.8
115 63.0 43.7 65.5



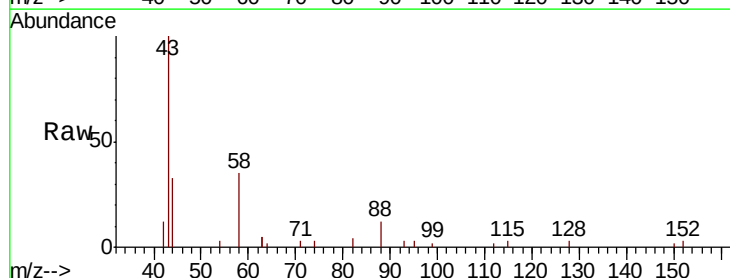
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



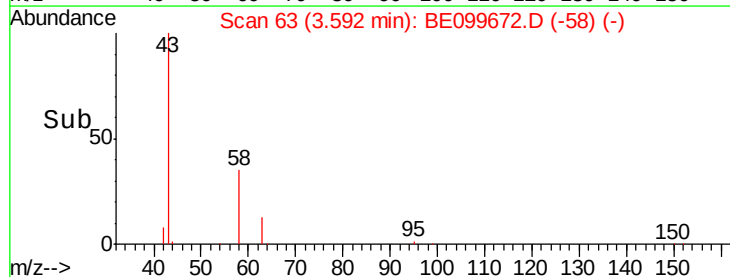
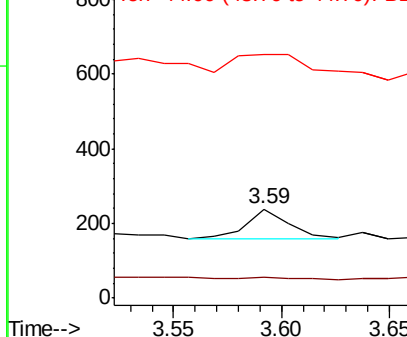
#3

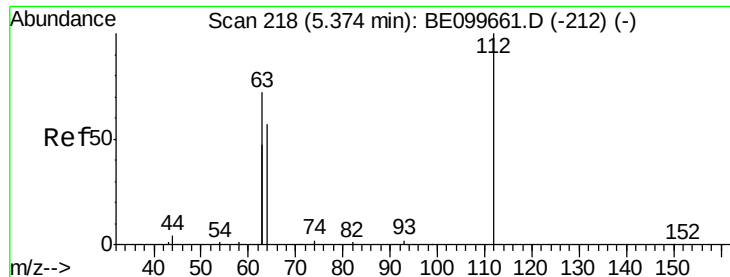
n-Nitrosodimethylamine
Concen: 0.087 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.04 min
Lab File: BE099672.D
Acq: 20 May 2019 22:18

Tgt Ion: 42 Resp: 106
Ion Ratio Lower Upper
42 100
74 0.0 129.2 193.8#
44 175.5 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: 0.187 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051419

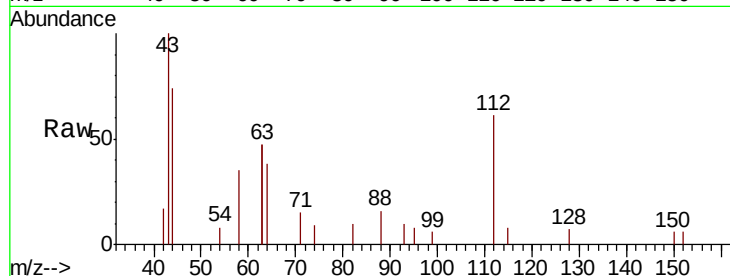
Tgt Ion: 112 Resp: 701

Ion Ratio Lower Upper

112 100

64 58.5 43.4 65.2

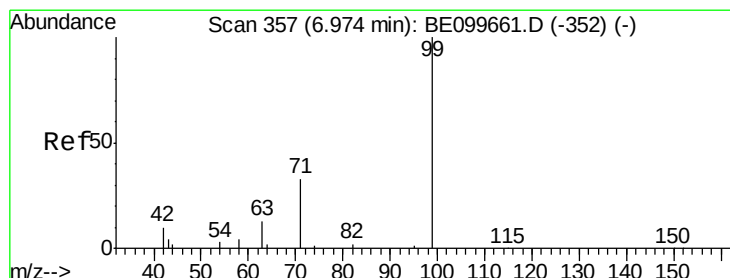
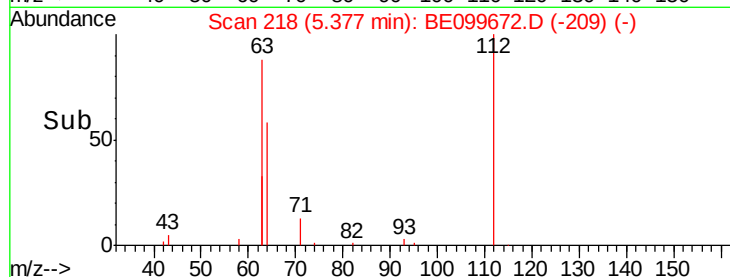
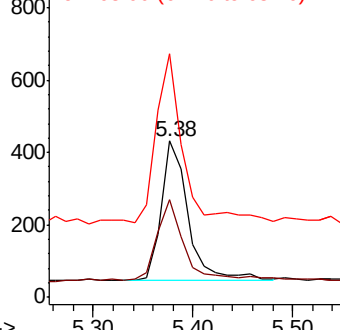
63 127.5 96.9 145.3



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



#5

Phenol-d6

Concen: 0.117 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

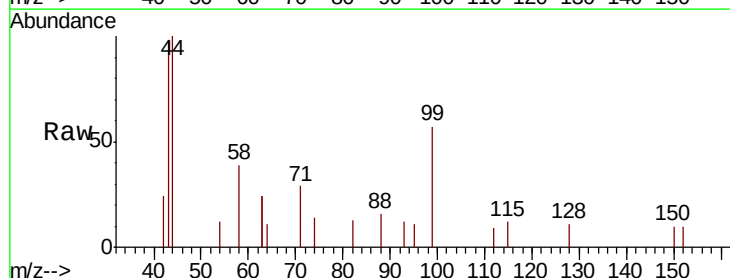
Tgt Ion: 99 Resp: 583

Ion Ratio Lower Upper

99 100

42 18.7 12.2 18.2#

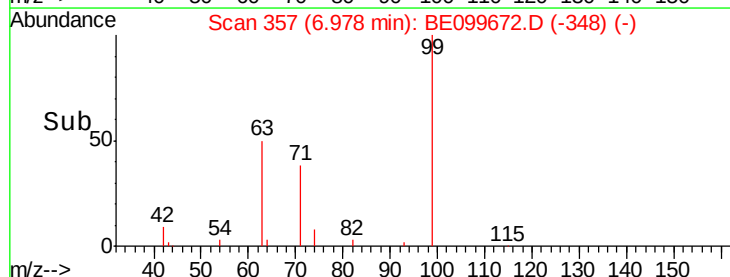
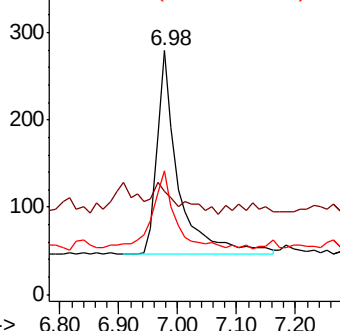
71 37.7 28.9 43.3

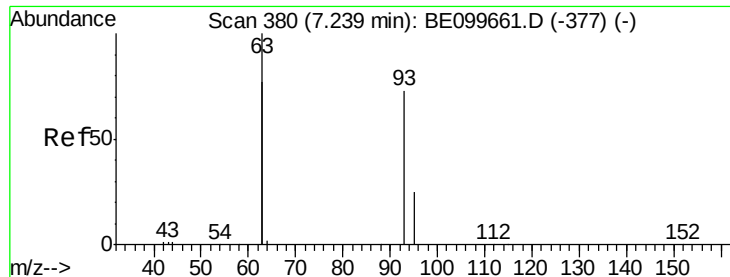


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.005 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.02 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051419

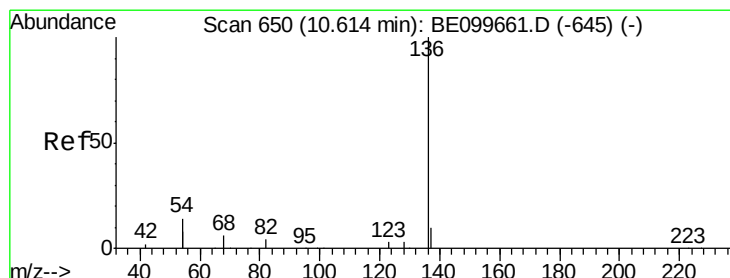
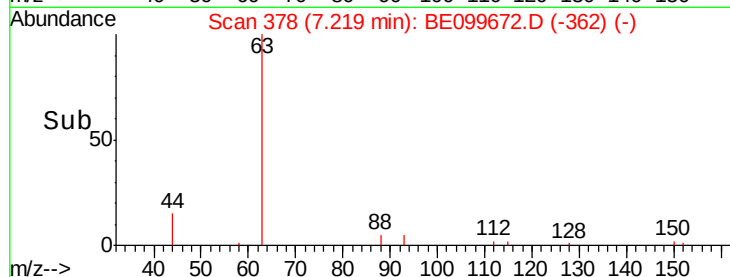
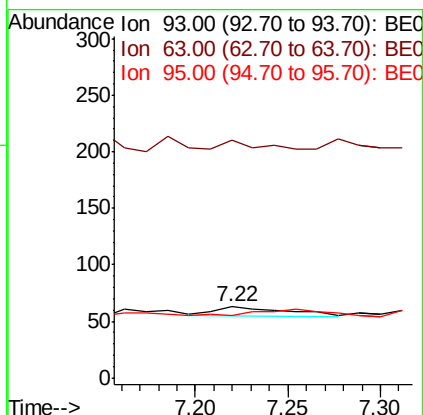
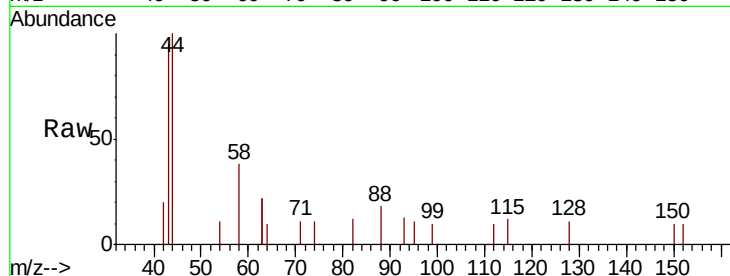
Tgt Ion: 93 Resp: 24

Ion Ratio Lower Upper

93 100

63 41.7 207.8 311.6#

95 0.0 25.9 38.9#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.62 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

Tgt Ion: 136 Resp: 4938

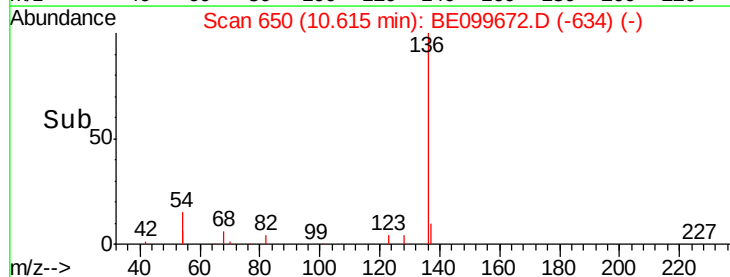
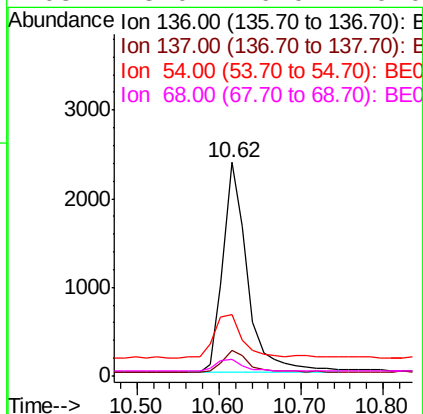
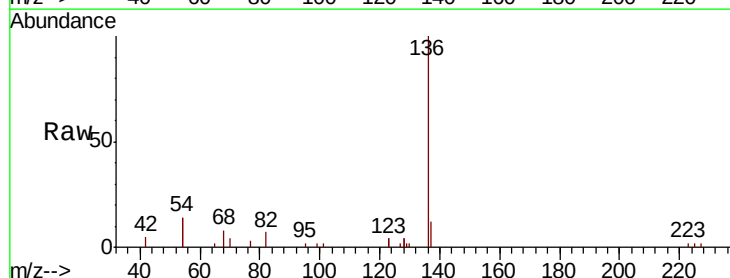
Ion Ratio Lower Upper

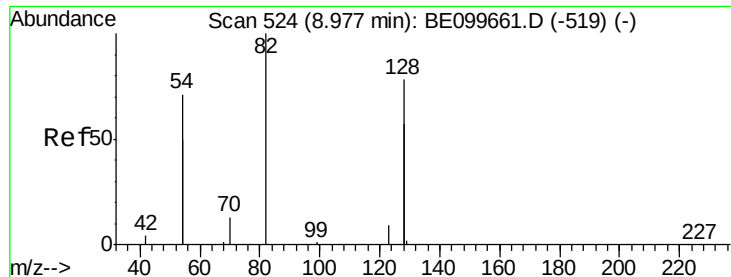
136 100

137 11.9 9.0 13.6

54 28.7 22.3 33.5

68 8.0 6.0 9.0





#8

Nitrobenzene-d5

Concen: 0.429 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051419

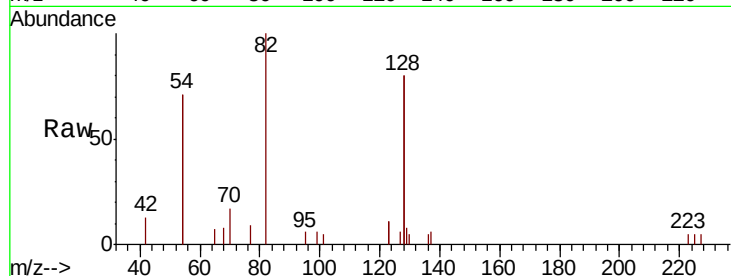
Tgt Ion: 82 Resp: 1835

Ion Ratio Lower Upper

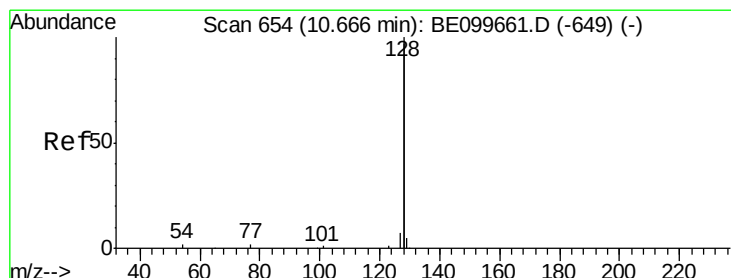
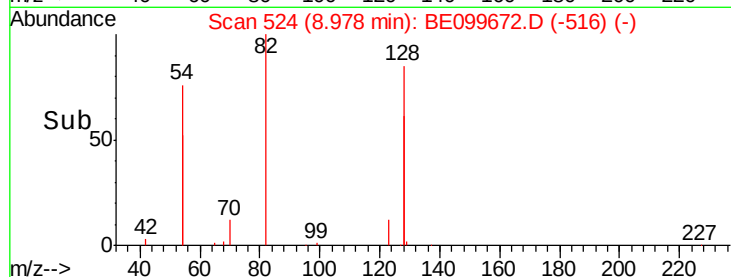
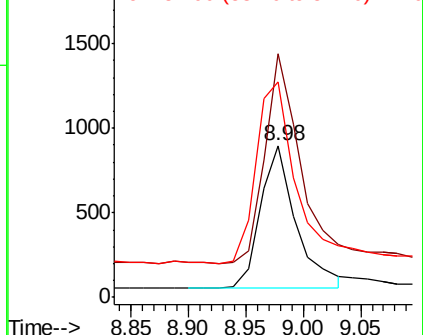
82 100

128 160.4 117.7 176.5

54 142.3 106.6 160.0



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



#9

Naphthalene

Concen: 0.005 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

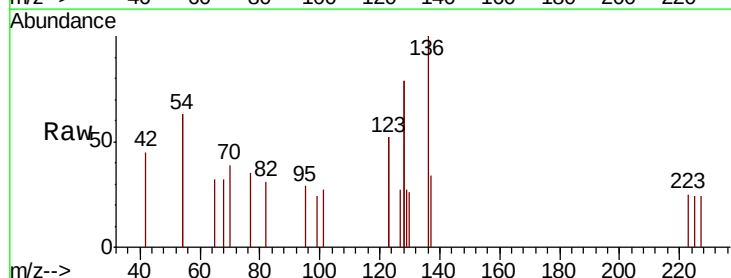
Tgt Ion: 128 Resp: 285

Ion Ratio Lower Upper

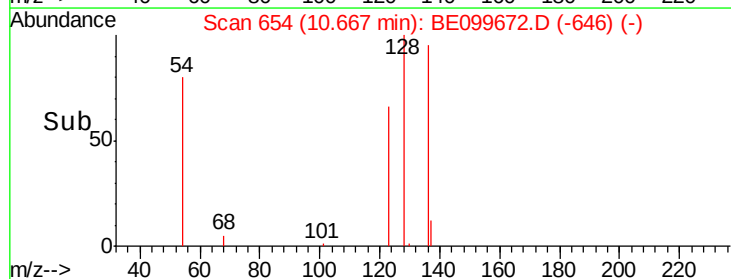
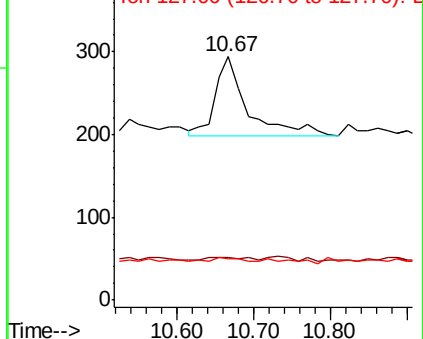
128 100

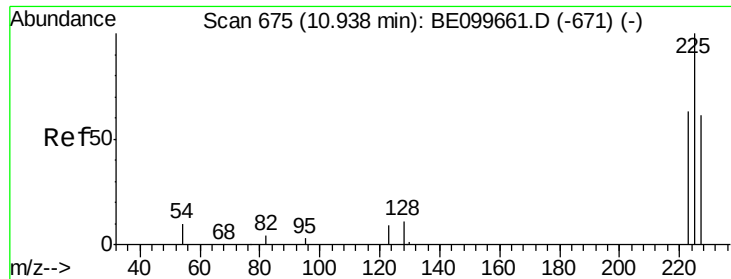
129 17.3 2.4 3.6#

127 17.0 2.9 4.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

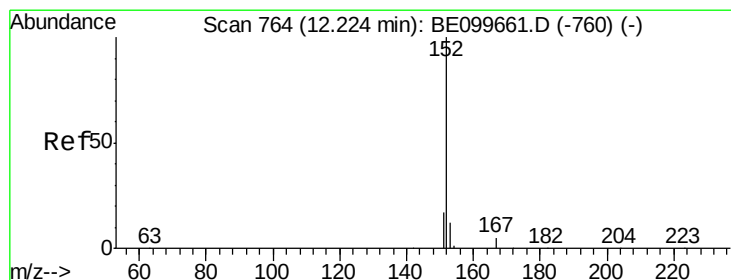
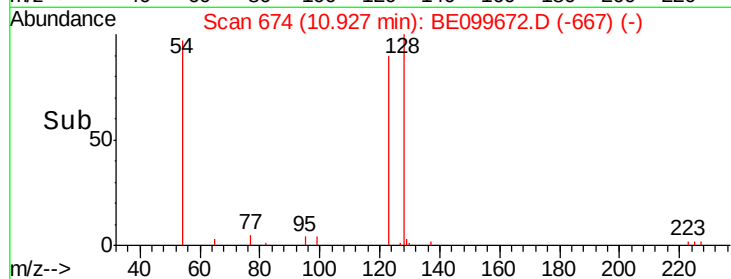
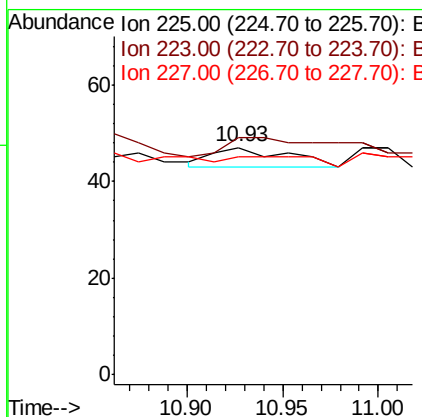
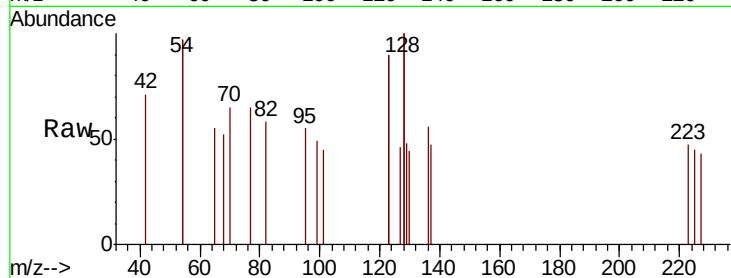




#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.01 min
Lab File: BE099672.D
Acq: 20 May 2019 22:18

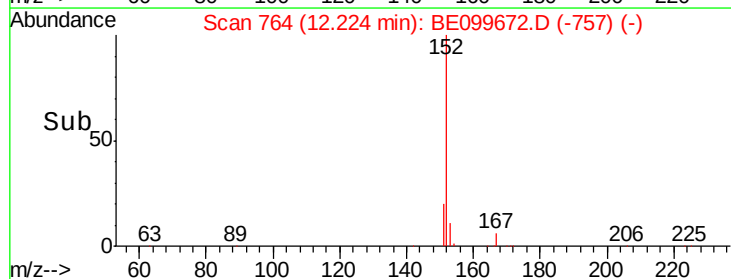
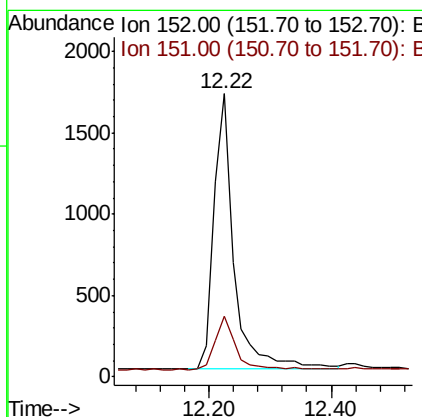
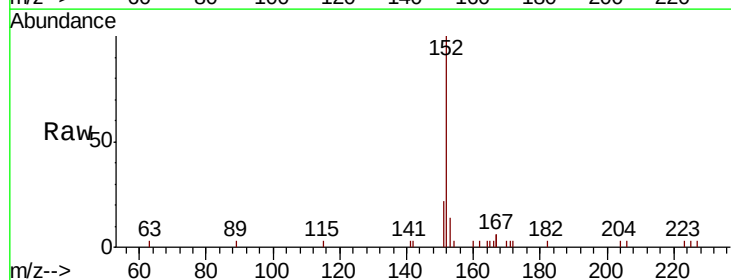
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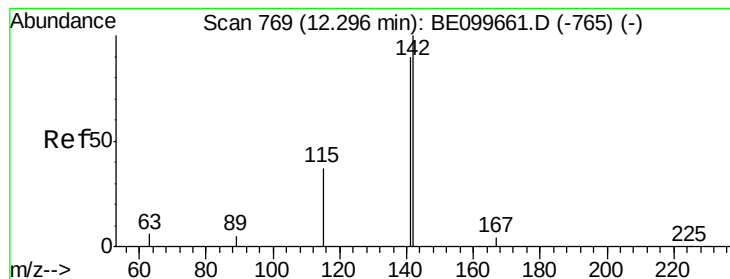
Tgt Ion: 225 Resp: 11
Ion Ratio Lower Upper
225 100
223 127.3 51.8 77.6#
227 54.5 52.6 79.0



#11
2-Methylnaphthalene-d10
Concen: 0.456 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099672.D
Acq: 20 May 2019 22:18

Tgt Ion: 152 Resp: 3883
Ion Ratio Lower Upper
152 100
151 20.4 15.0 22.4





#12

2-Methylnaphthalene

Concen: 0.002 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051419

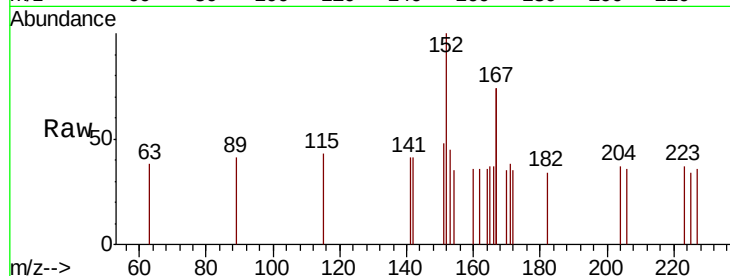
Tgt Ion:142 Resp: 16

Ion Ratio Lower Upper

142 100

141 100.0 72.0 108.0

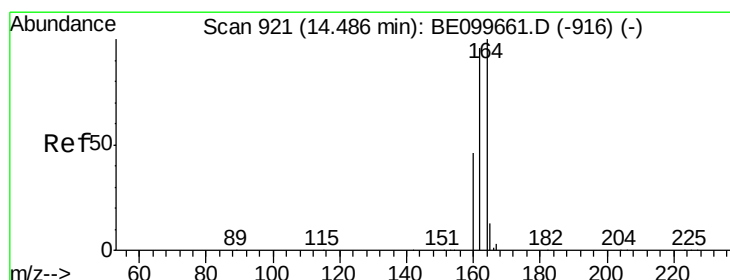
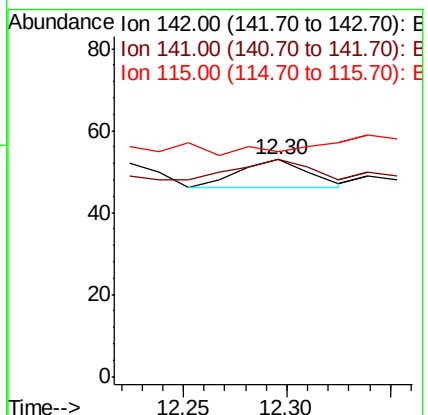
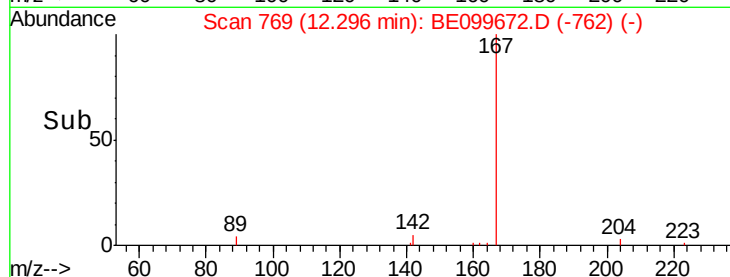
115 103.8 31.0 46.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

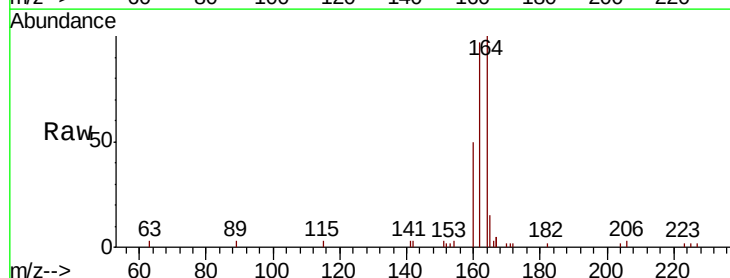
Tgt Ion:164 Resp: 3427

Ion Ratio Lower Upper

164 100

162 96.8 76.5 114.7

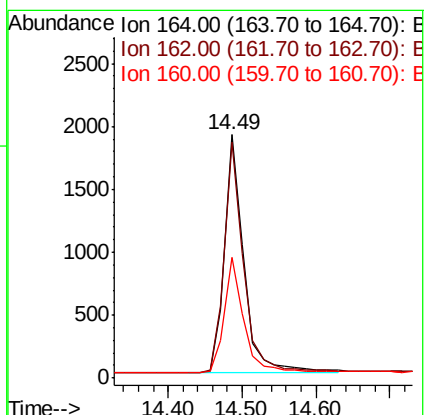
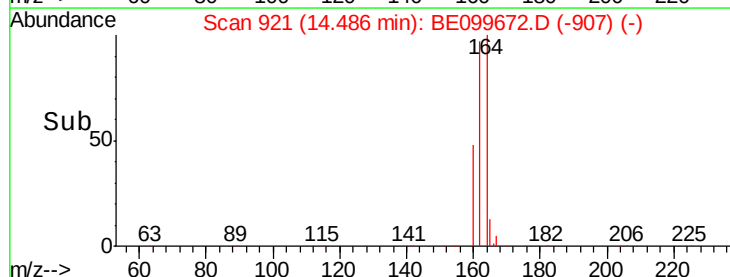
160 49.6 37.4 56.2

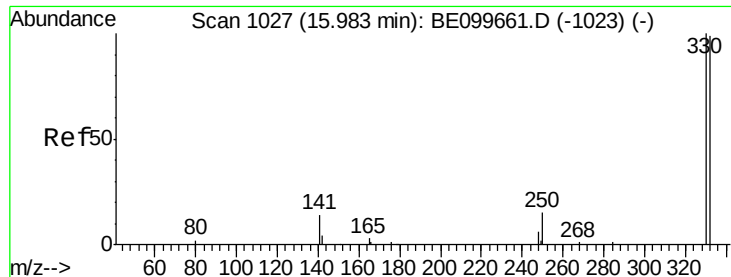


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

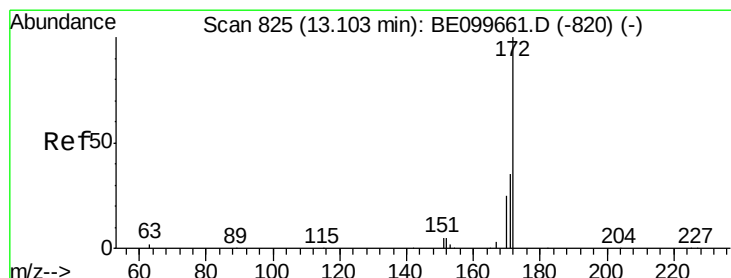
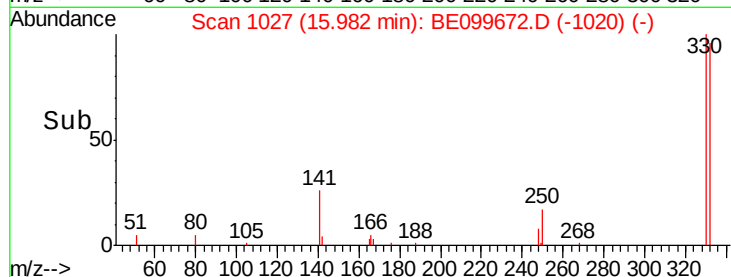
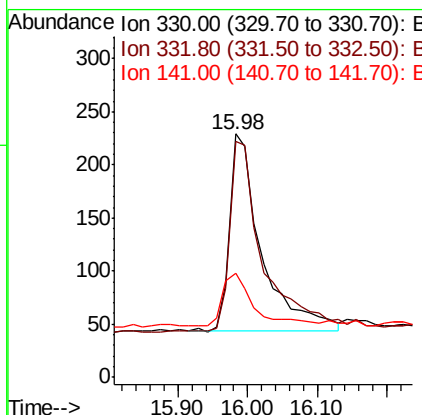
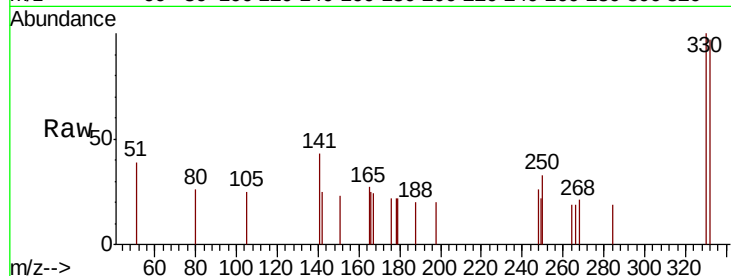




#14
 2,4,6-Tribromophenol
 Concen: 0.358 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099672.D
 Acq: 20 May 2019 22:18

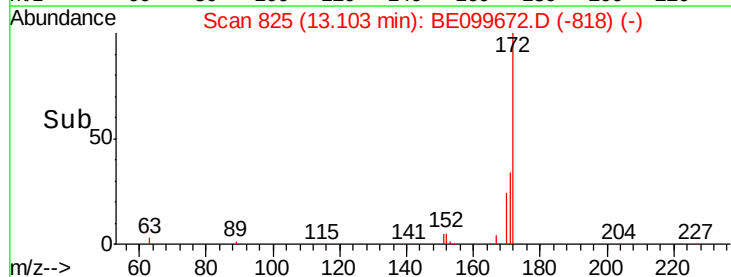
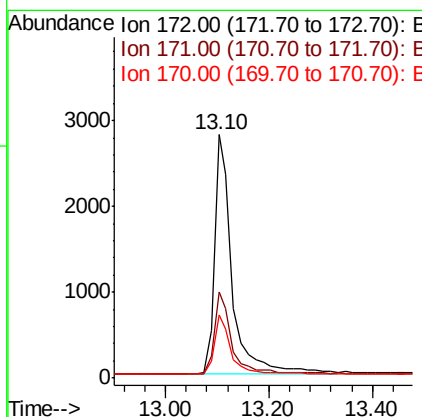
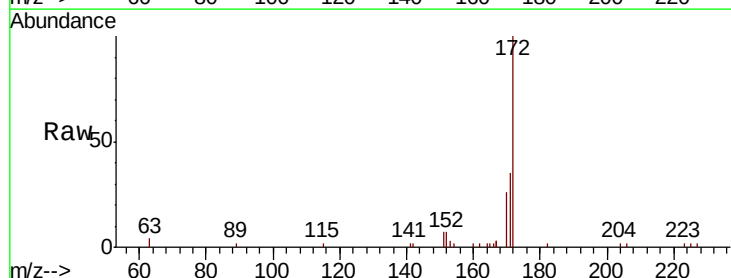
Instrument :
 BNA_E
 ClientSampleId :
 FEQC-FB-051419

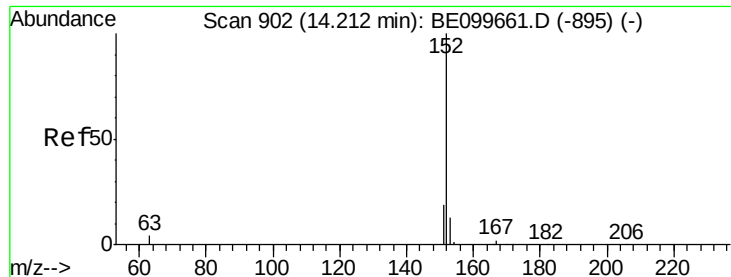
Tgt Ion: 330 Resp: 585
 Ion Ratio Lower Upper
 330 100
 332 104.1 77.3 115.9
 141 26.8 18.9 28.3



#15
 2-Fluorobiphenyl
 Concen: 0.521 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099672.D
 Acq: 20 May 2019 22:18

Tgt Ion: 172 Resp: 6775
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.7 43.1
 170 25.7 20.9 31.3





#16

Acenaphthylene

Concen: 0.001 ng

RT: 14.21 min Scan# 902

Delta R.T. -0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051419

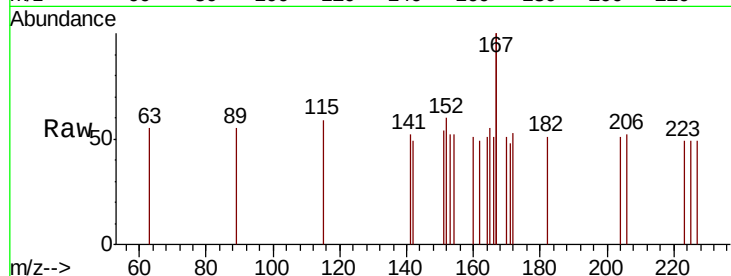
Tgt Ion:152 Resp: 22

Ion Ratio Lower Upper

152 100

151 81.8 15.9 23.9#

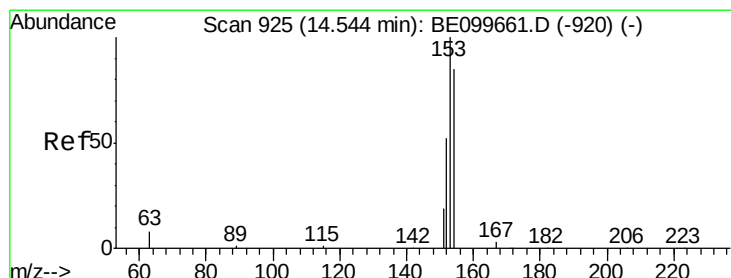
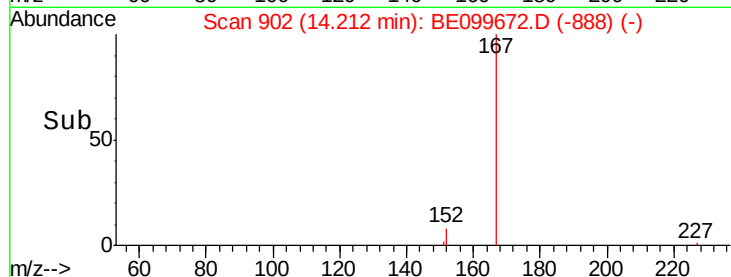
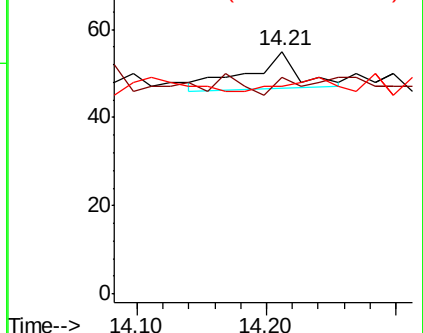
153 0.0 10.6 16.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.002 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.06 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

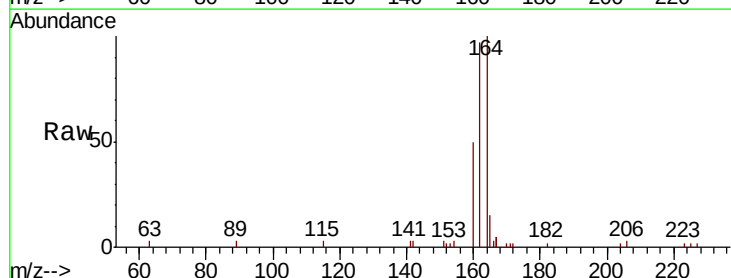
Tgt Ion:154 Resp: 16

Ion Ratio Lower Upper

154 100

153 31.3 91.8 137.6#

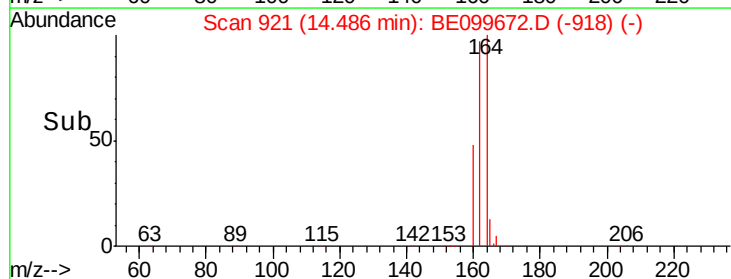
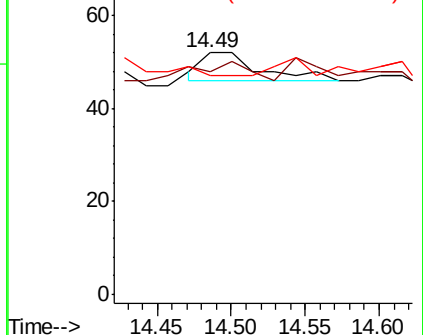
152 0.0 46.0 69.0#

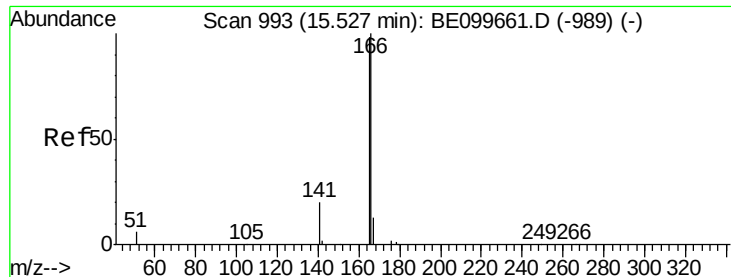


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

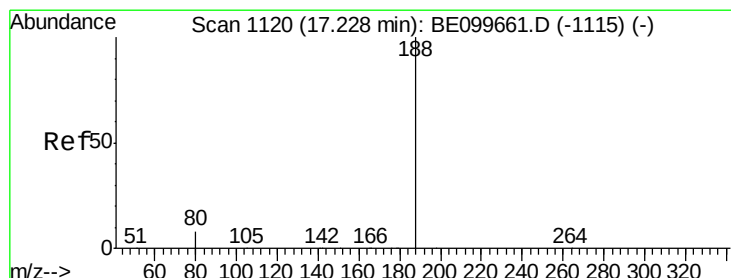
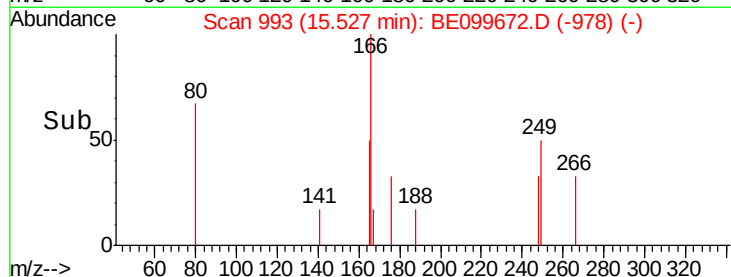
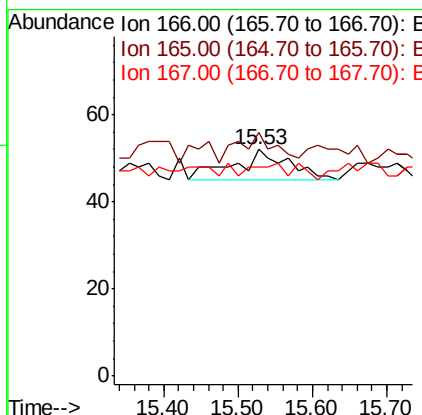
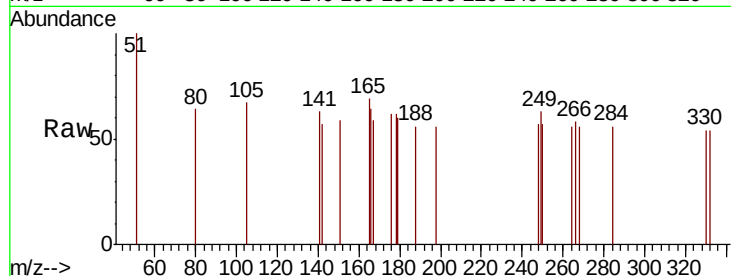




#18
Fluorene
Concen: 0.003 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099672.D
Acq: 20 May 2019 22:18

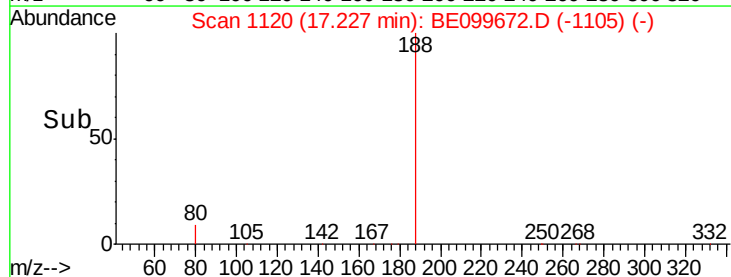
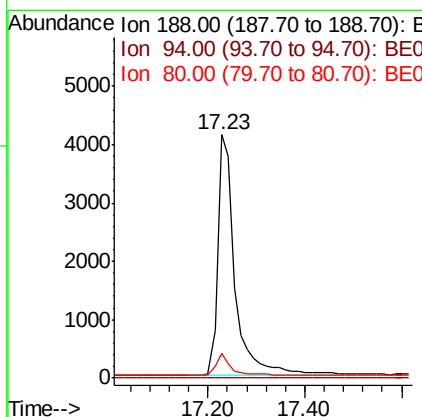
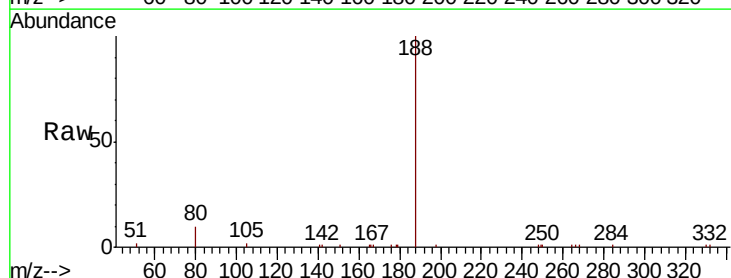
Instrument :
BNA_E
ClientSampleId :
FEQC-FB-051419

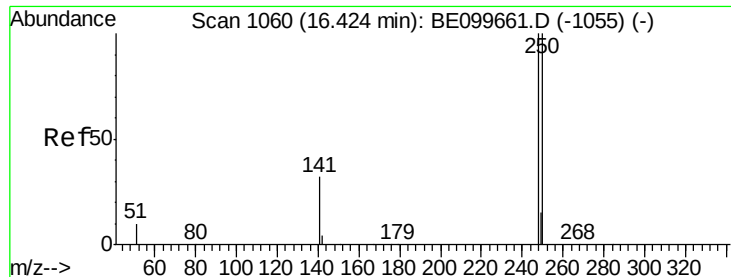
Tgt Ion:166 Resp: 37
Ion Ratio Lower Upper
166 100
165 0.0 80.3 120.5#
167 0.0 10.6 16.0#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099672.D
Acq: 20 May 2019 22:18

Tgt Ion:188 Resp: 10252
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 6.7 10.1





#20

4-Bromophenyl-phenylether

Concen: 0.003 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051419

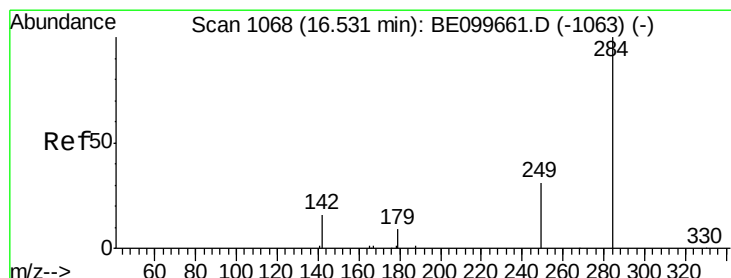
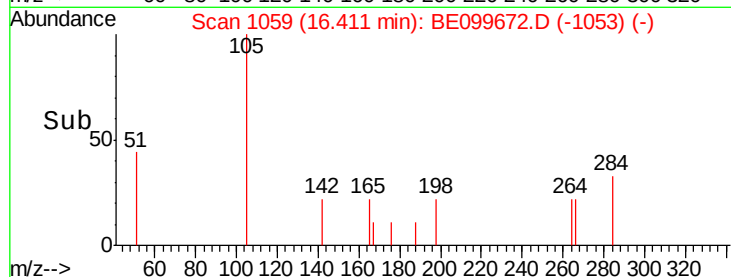
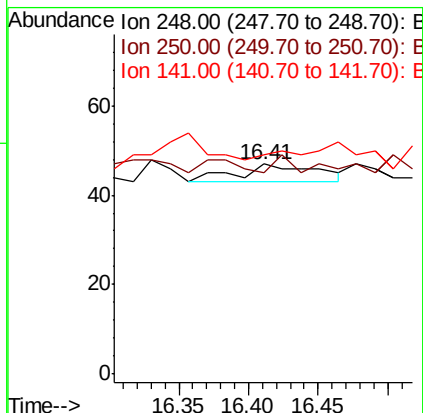
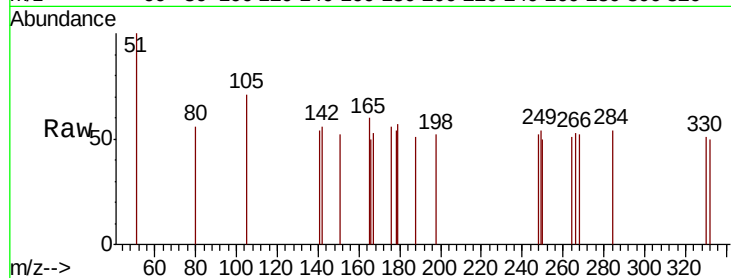
Tgt Ion: 248 Resp: 16

Ion Ratio Lower Upper

248 100

250 95.7 79.8 119.8

141 104.3 27.0 40.6#



#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.50 min Scan# 1066

Delta R.T. -0.03 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

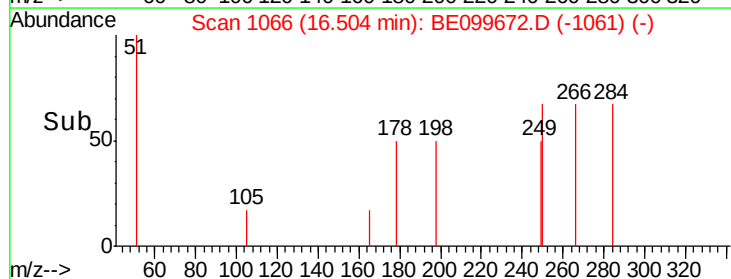
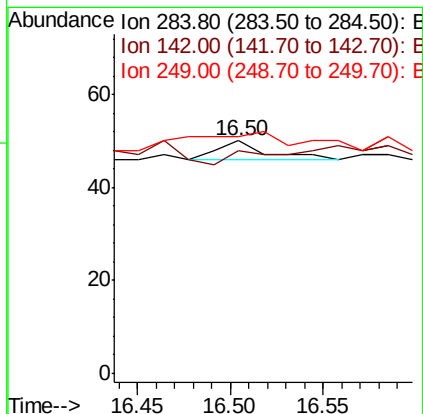
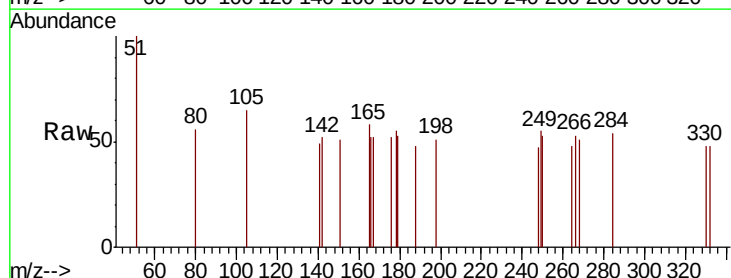
Tgt Ion: 284 Resp: 7

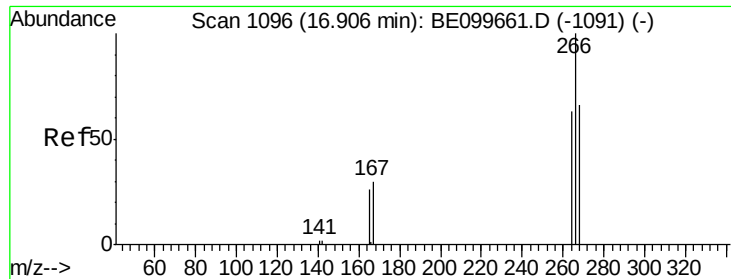
Ion Ratio Lower Upper

284 100

142 0.0 17.8 26.6#

249 200.0 24.8 37.2#





#22

Pentachlorophenol

Concen: 0.189 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

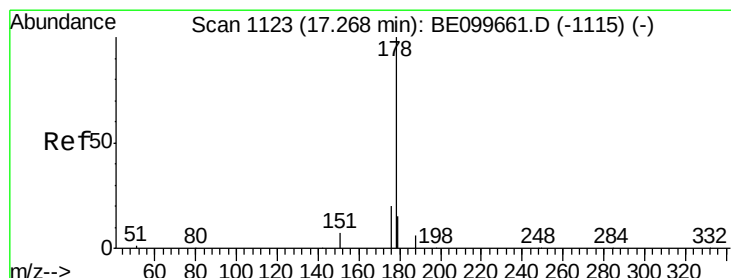
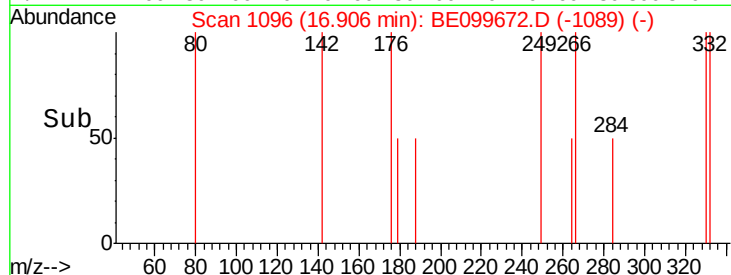
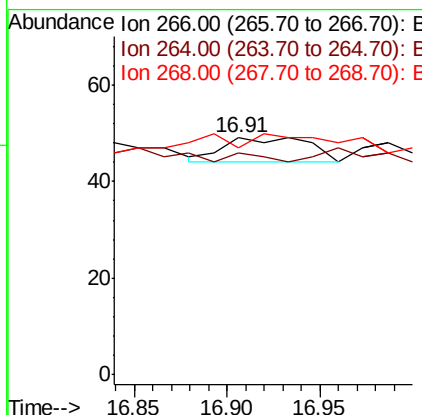
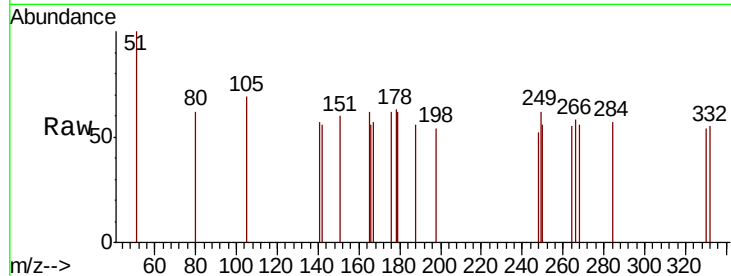
Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051419

Tgt Ion:	266	Resp:	16
Ion	Ratio	Lower	Upper
266	100		
264	93.9	57.2	85.8#
268	95.9	60.5	90.7#



#23

Phenanthrene

Concen: 0.005 ng

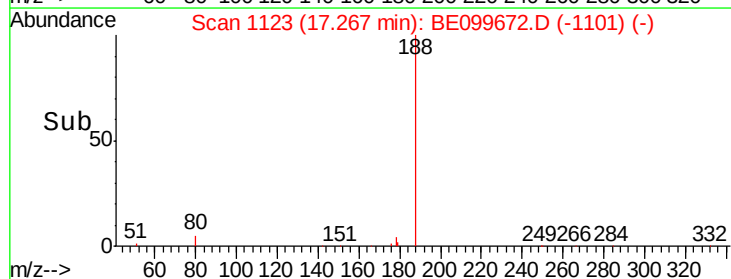
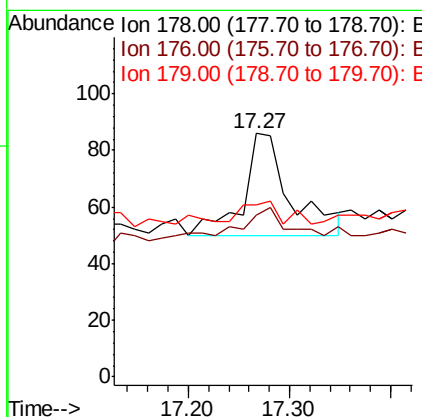
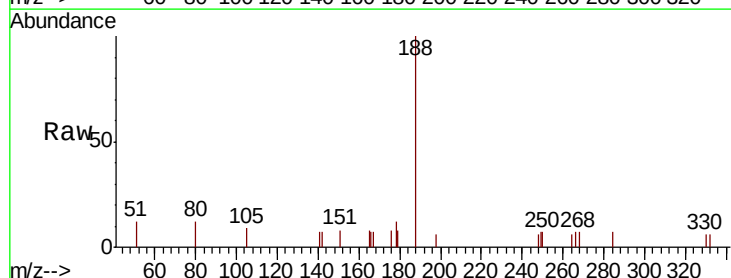
RT: 17.27 min Scan# 1123

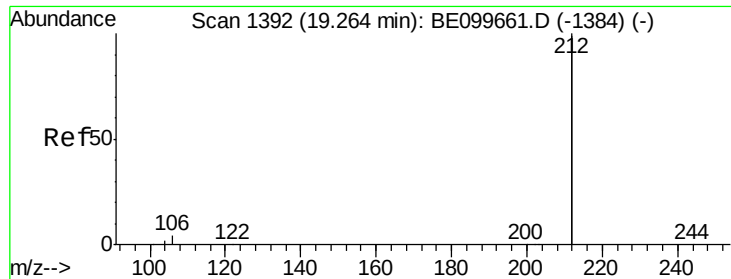
Delta R.T. -0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

Tgt Ion:	178	Resp:	117
Ion	Ratio	Lower	Upper
178	100		
176	37.6	15.6	23.4#
179	18.8	12.2	18.4#

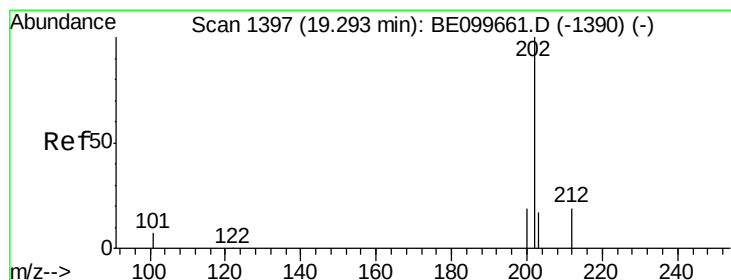
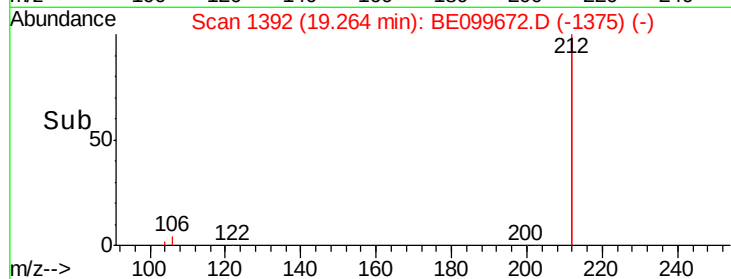
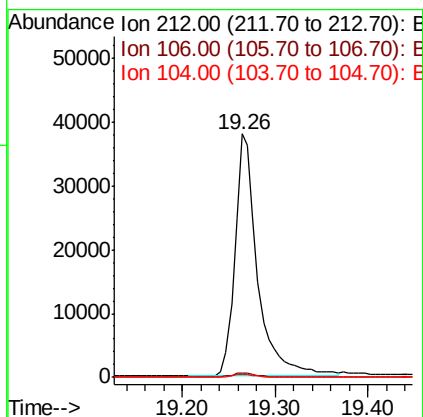
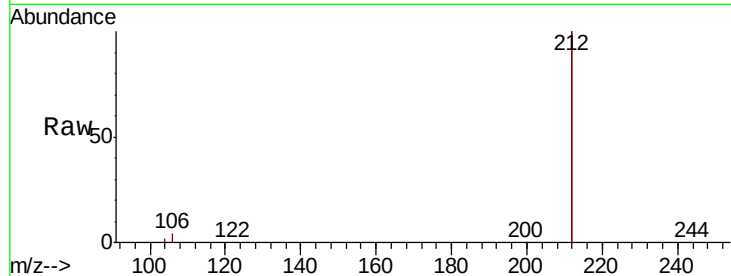




#25
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099672.D
Acq: 20 May 2019 22:18

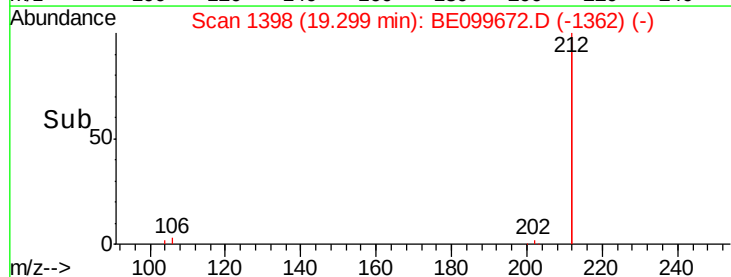
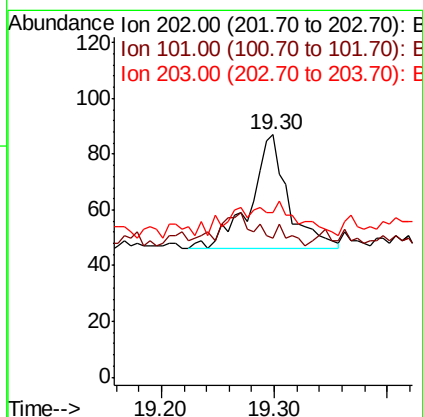
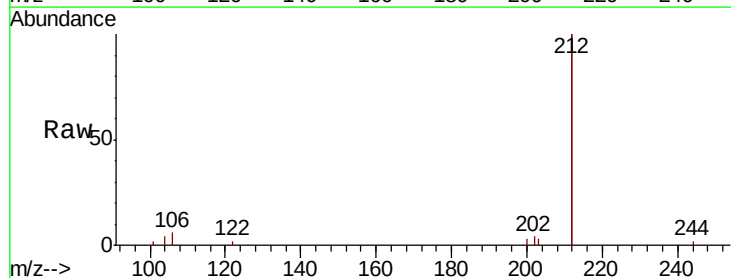
Instrument :
BNA_E
ClientSampleId :
FEQC-FB-051419

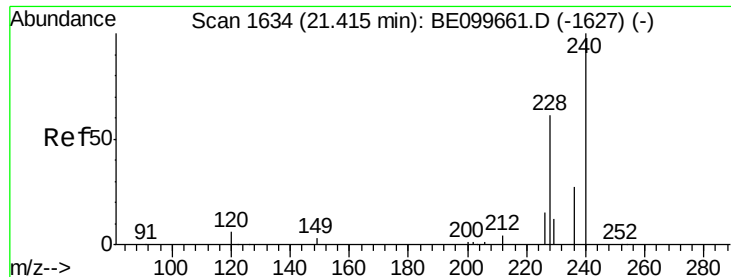
Tgt Ion: 212 Resp: 65031
Ion Ratio Lower Upper
212 100
106 1.9 1.4 2.2
104 1.1 0.8 1.2



#26
Fluoranthene
Concen: 0.002 ng
RT: 19.30 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BE099672.D
Acq: 20 May 2019 22:18

Tgt Ion: 202 Resp: 97
Ion Ratio Lower Upper
202 100
101 6.2 5.2 7.8
203 0.0 13.8 20.6#

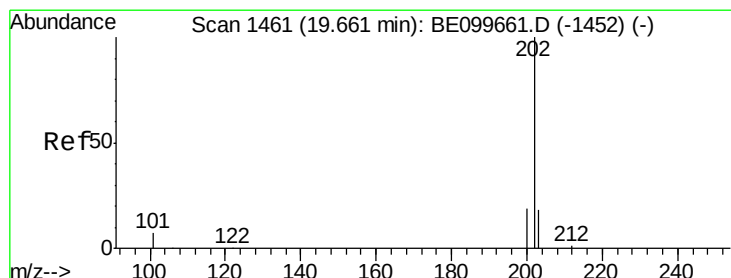
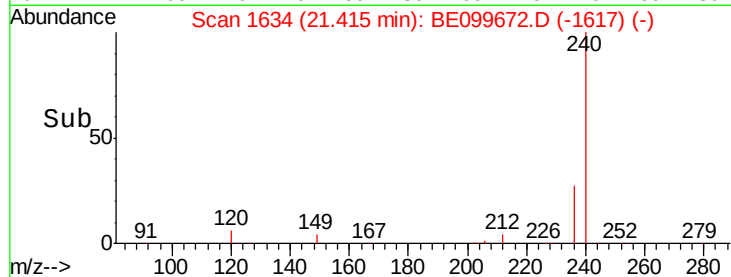
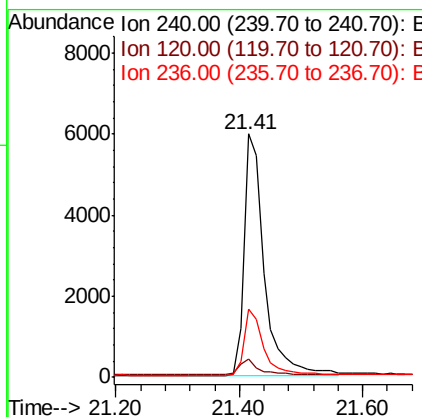
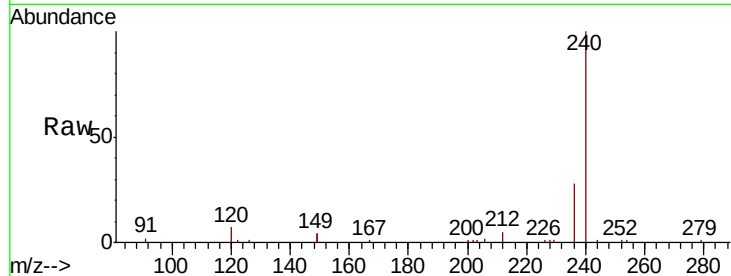




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099672.D
 Acq: 20 May 2019 22:18

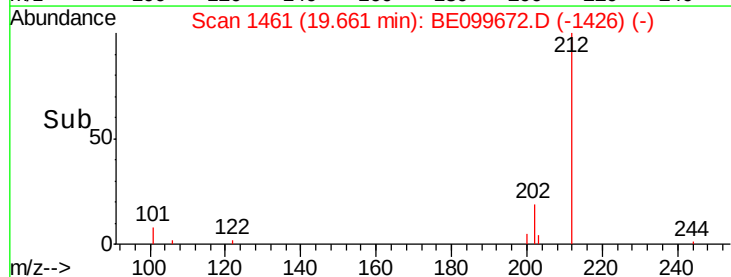
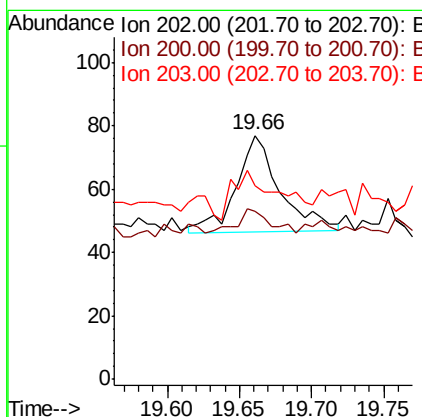
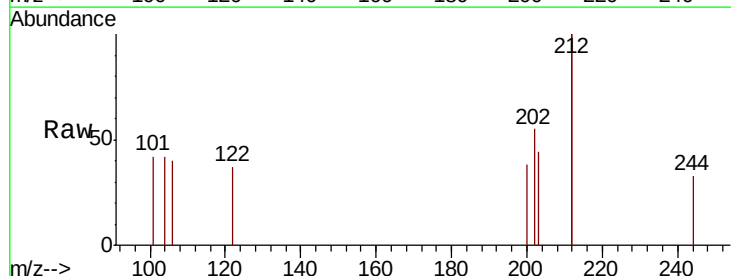
Instrument :
 BNA_E
 ClientSampleId :
 FEQC-FB-051419

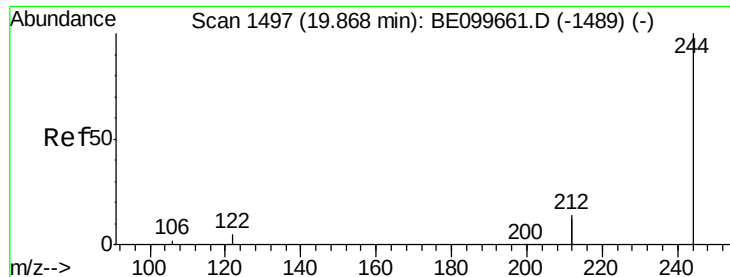
Tgt Ion: 240 Resp: 13321
 Ion Ratio Lower Upper
 240 100
 120 7.3 5.4 8.0
 236 28.2 21.7 32.5



#28
 Pyrene
 Concen: 0.002 ng
 RT: 19.66 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BE099672.D
 Acq: 20 May 2019 22:18

Tgt Ion: 202 Resp: 65
 Ion Ratio Lower Upper
 202 100
 200 18.5 15.4 23.2
 203 55.4 13.8 20.8#





#29

Terphenyl-d14

Concen: 0.604 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051419

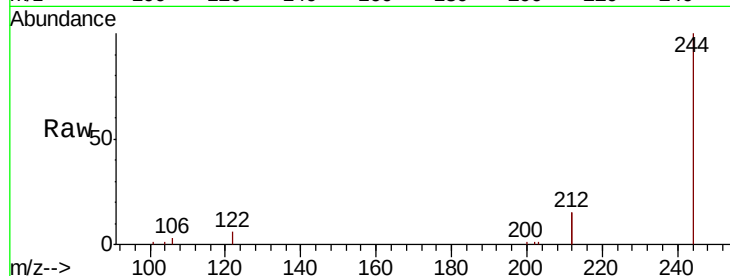
Tgt Ion:244 Resp: 14364

Ion Ratio Lower Upper

244 100

212 29.6 22.5 33.7

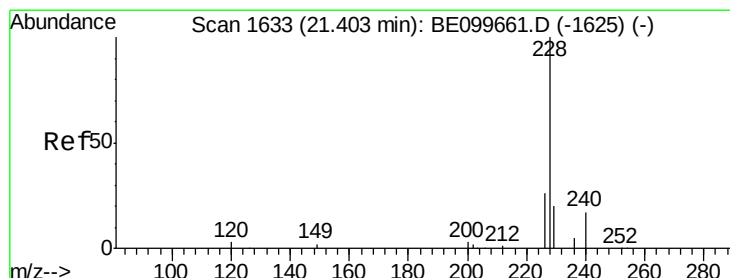
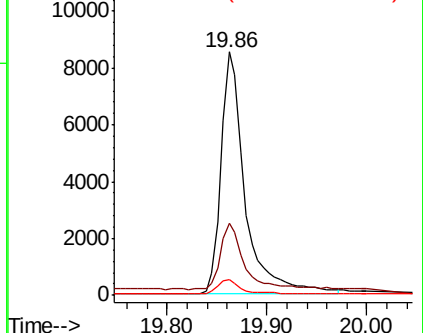
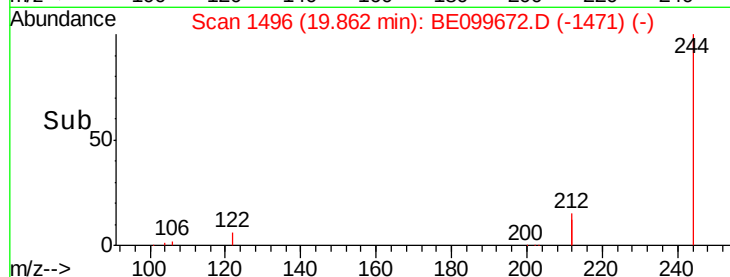
122 6.2 4.3 6.5



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



#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

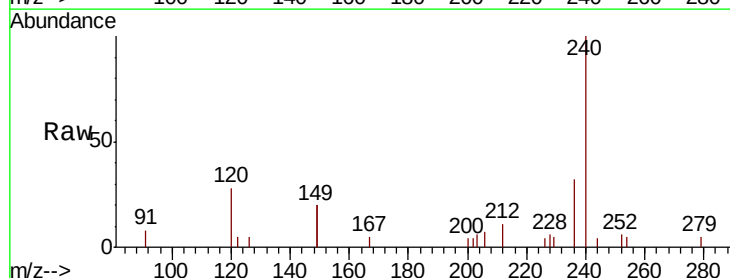
Tgt Ion:228 Resp: 69

Ion Ratio Lower Upper

228 100

226 71.2 21.3 31.9#

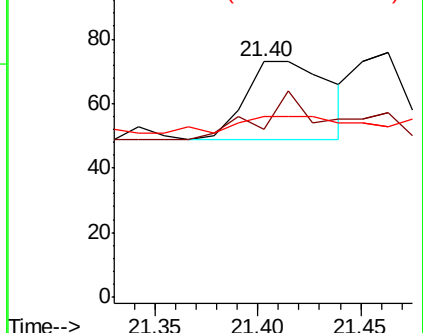
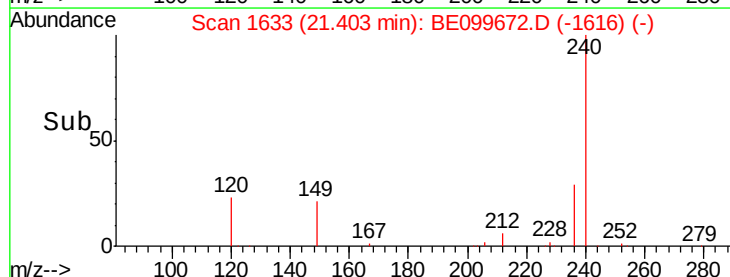
229 76.7 16.1 24.1#

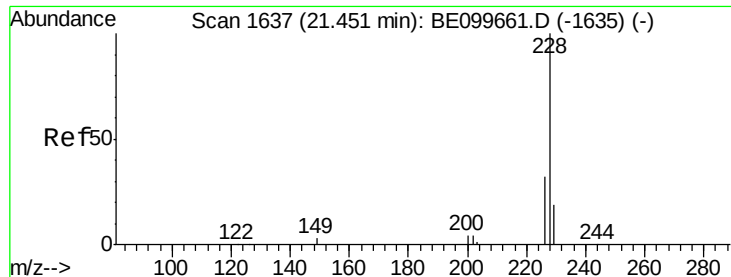


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.002 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.05 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051419

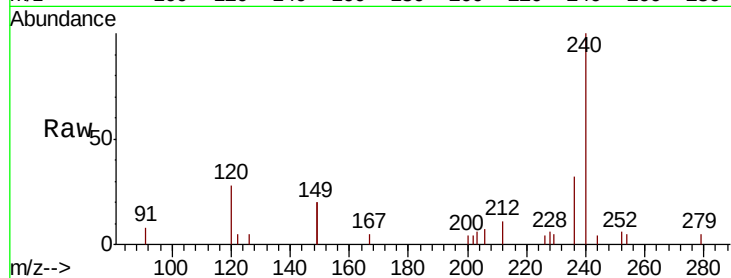
Tgt Ion:228 Resp: 65

Ion Ratio Lower Upper

228 100

226 71.2 24.7 37.1#

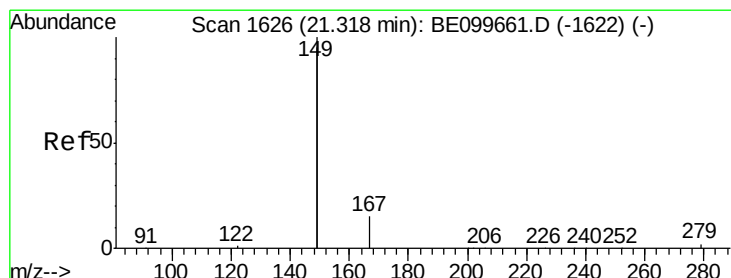
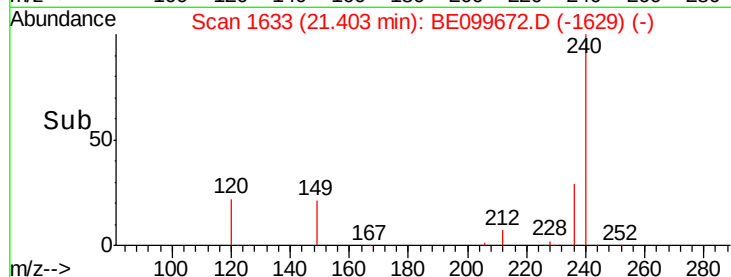
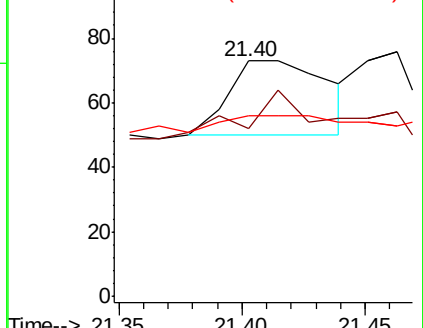
229 76.7 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.079 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

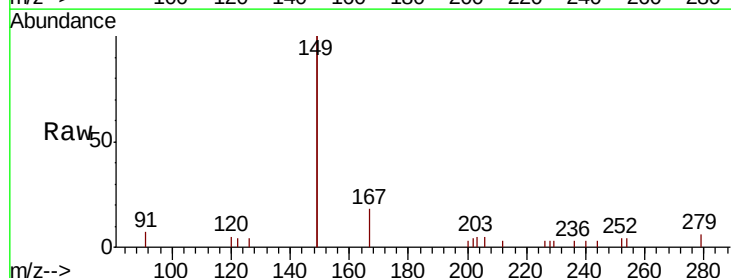
Tgt Ion:149 Resp: 3465

Ion Ratio Lower Upper

149 100

167 7.6 6.2 9.4

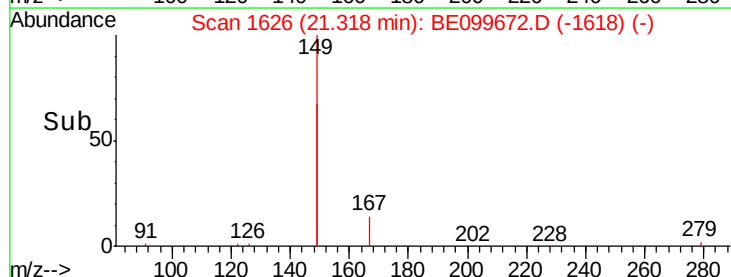
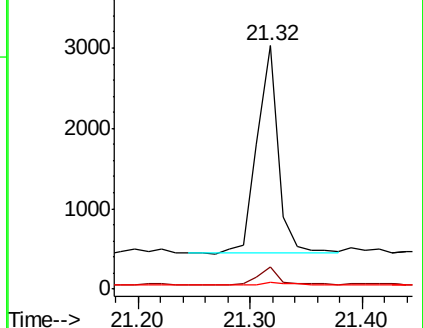
279 1.5 1.2 1.8

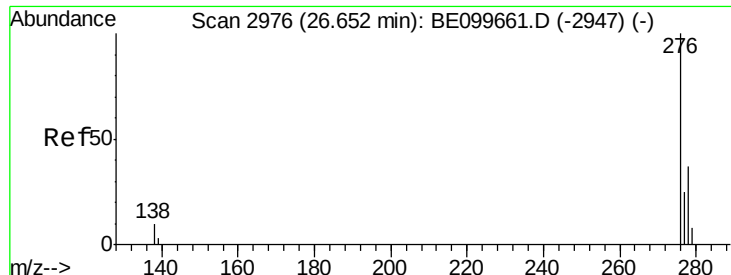


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 26.66 min Scan# 2979

Delta R.T. 0.01 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

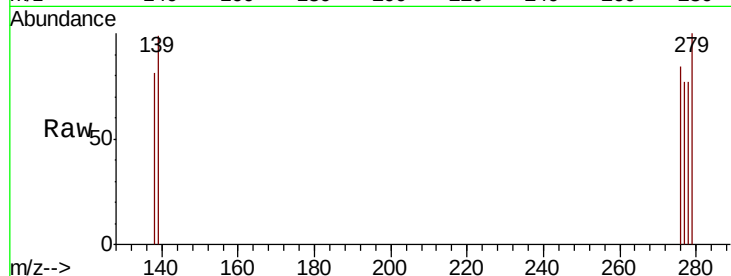
Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051419

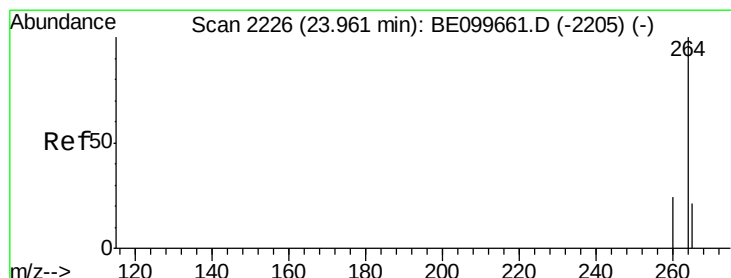
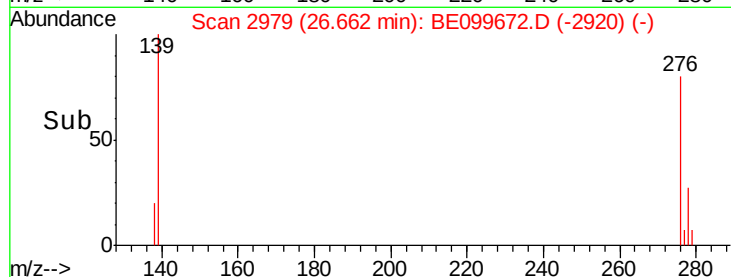
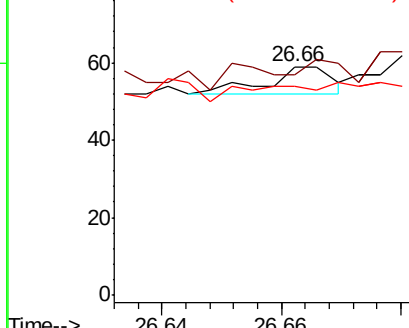
Tgt Ion:	276	Resp:	5
Ion	Ratio	Lower	Upper
276	100		
138	80.0	9.6	14.4#
277	0.0	19.2	28.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

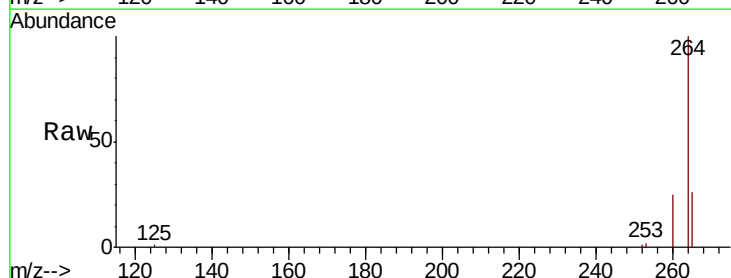
RT: 23.96 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

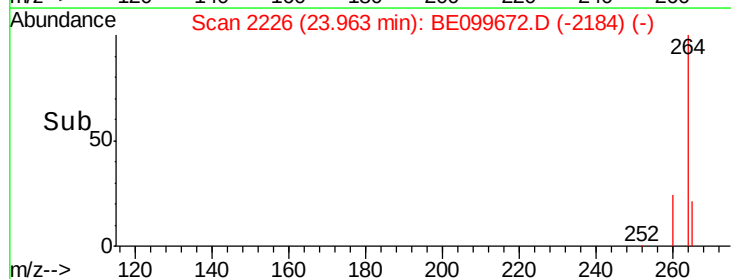
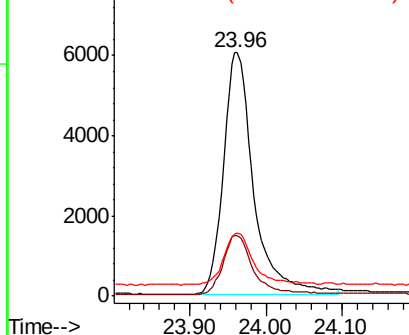
Tgt Ion:	264	Resp:	16577
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	26.0	19.1	28.7

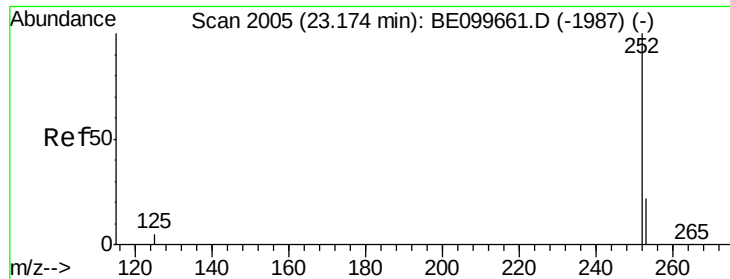


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.001 ng

RT: 23.18 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051419

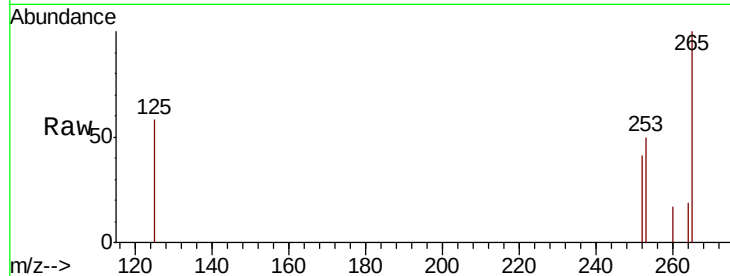
Tgt Ion:252 Resp: 58

Ion Ratio Lower Upper

252 100

253 123.9 18.2 27.4#

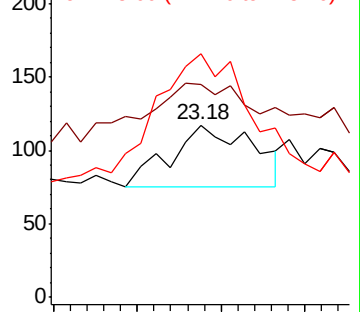
125 141.9 4.5 6.7#



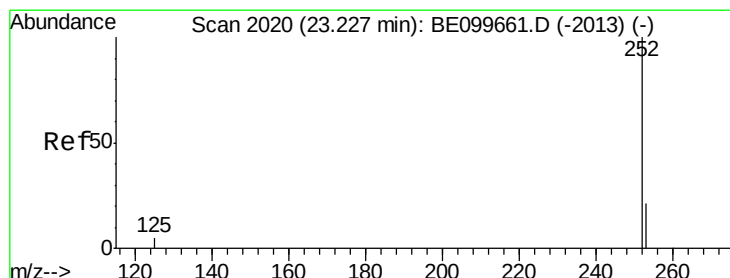
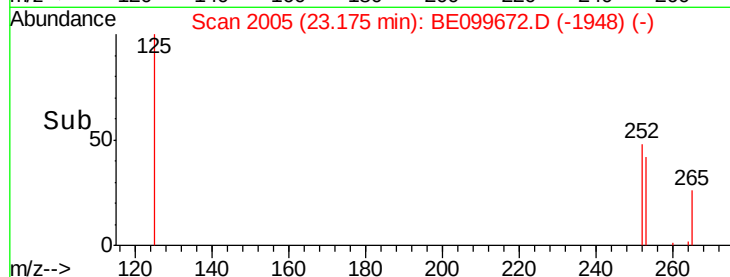
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 23.14 23.16 23.18 23.20



#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 23.24 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

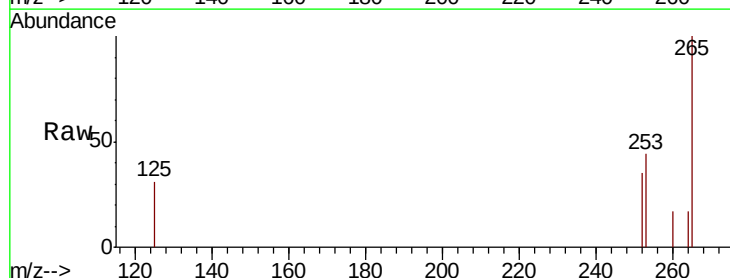
Tgt Ion:252 Resp: 38

Ion Ratio Lower Upper

252 100

253 125.0 17.8 26.8#

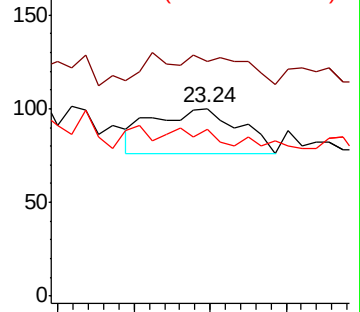
125 89.0 4.6 6.8#



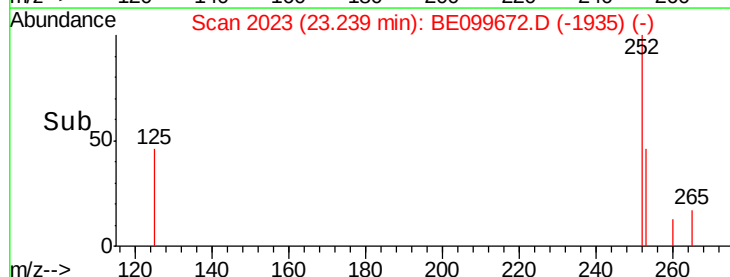
Abundance Ion 252.00 (251.70 to 252.70): E

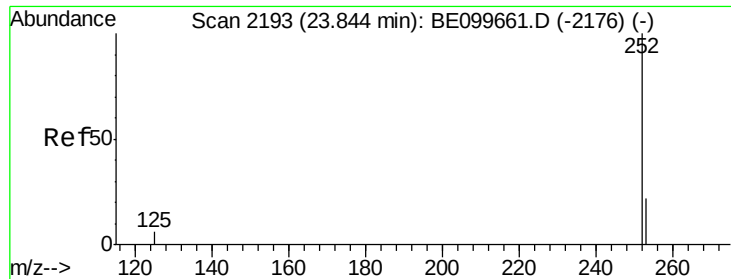
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 23.20 23.22 23.24 23.26





#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.85 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BE099672.D

Acq: 20 May 2019 22:18

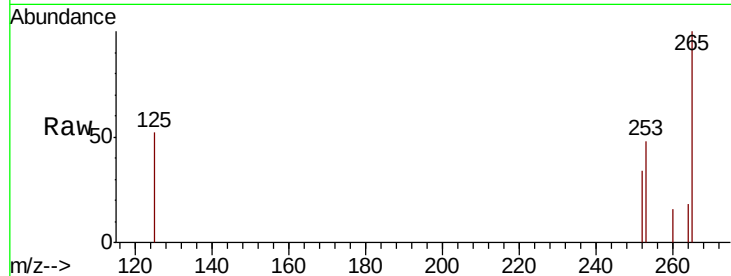
Instrument :

BNA_E

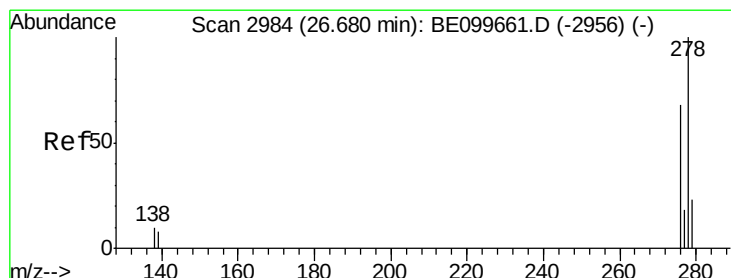
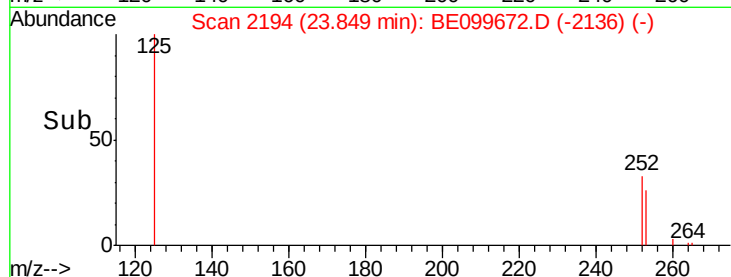
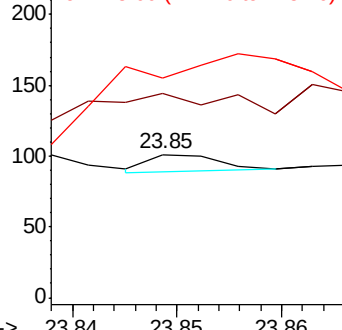
ClientSampleId :

FEQC-FB-051419

Tgt Ion:	252	Resp:	6
Ion	Ratio	Lower	Upper
252	100		
253	142.6	18.9	28.3#
125	153.5	5.4	8.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

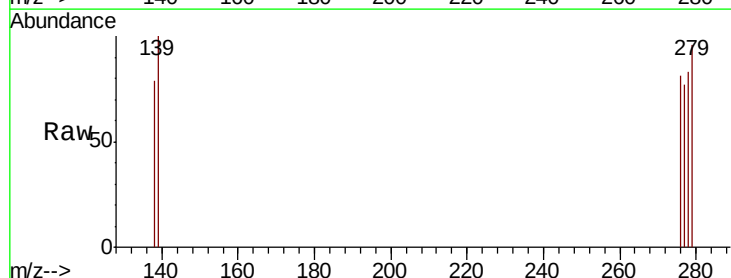
RT: 26.67 min Scan# 2982

Delta R.T. -0.01 min

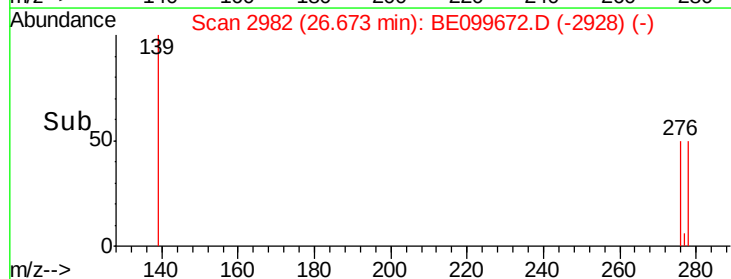
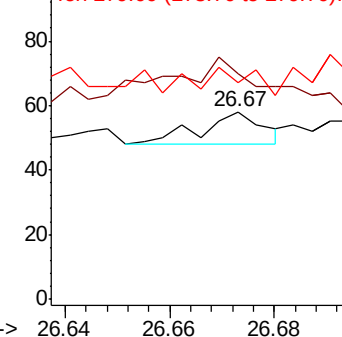
Lab File: BE099672.D

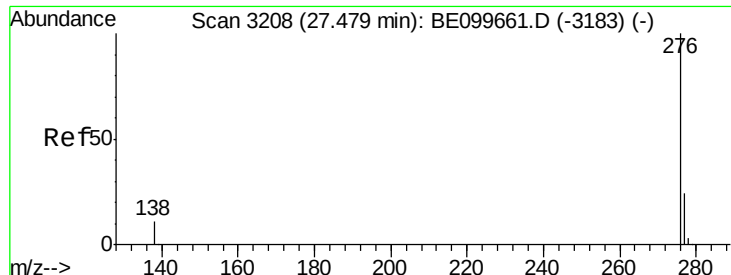
Acq: 20 May 2019 22:18

Tgt Ion:	278	Resp:	8
Ion	Ratio	Lower	Upper
278	100		
139	120.7	6.9	10.3#
279	115.5	19.2	28.8#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 27.47 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BE099672.D

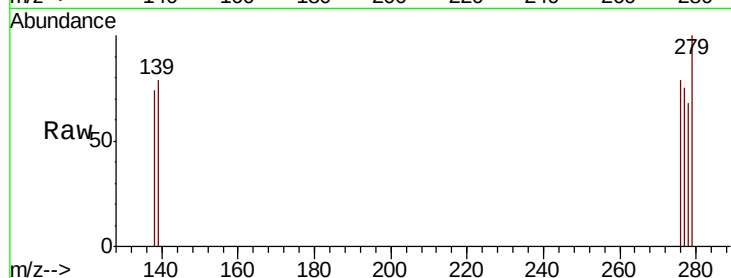
Acq: 20 May 2019 22:18

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051419



Tgt Ion: 276 Resp: 5

Ion Ratio Lower Upper

276 100

277 94.8 19.8 29.6#

138 93.1 9.2 13.8#

