

Data File : BE099707.D
Acq On : 22 May 2019 1:59
Operator : JU/SJ
Sample : K2906-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FEQC-FB-051619

Quant Time: May 22 08:19:43 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

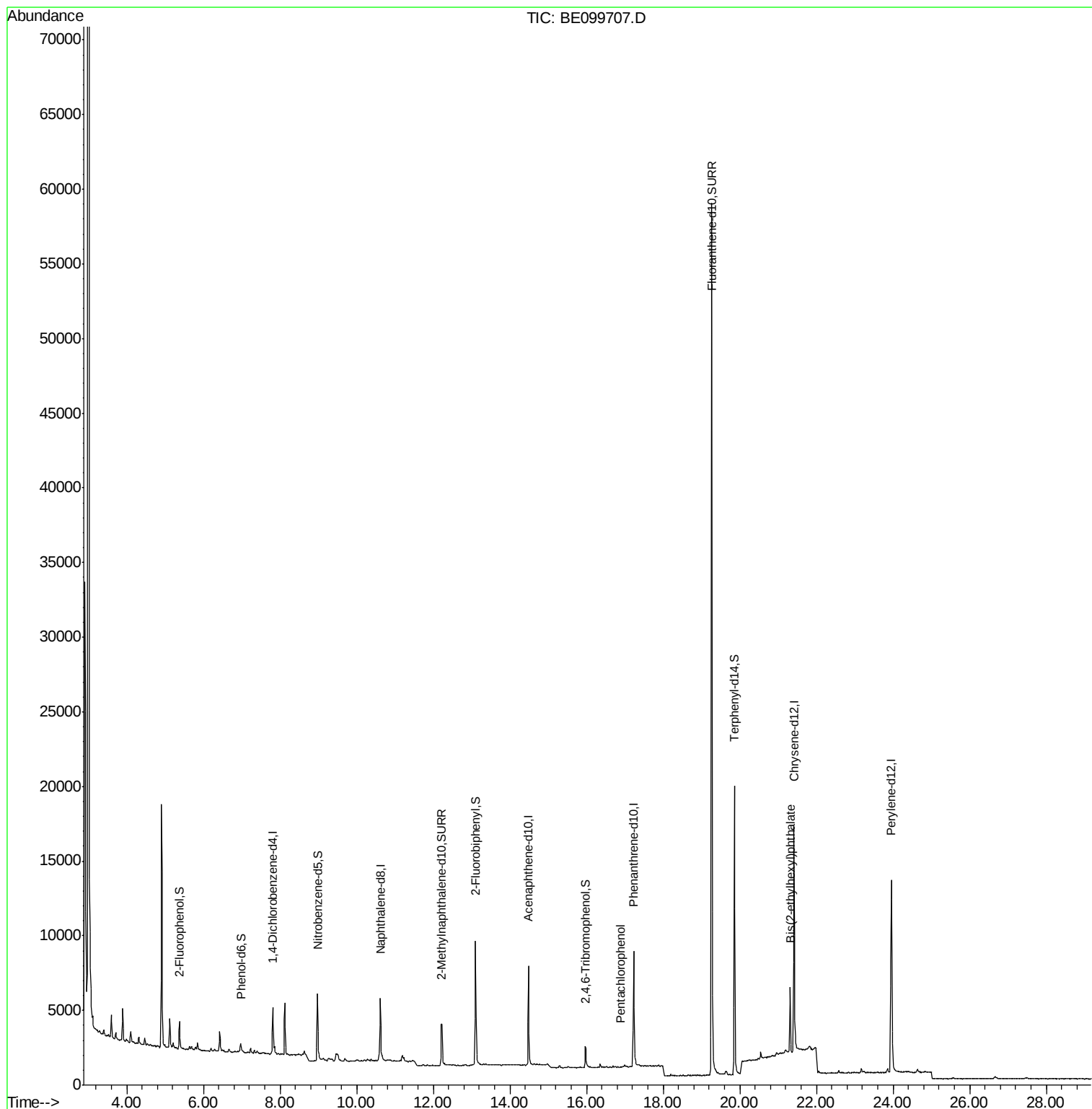
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1608	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5669	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4167	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12248	0.40	ng	0.00
27) Chrysene-d12	21.41	240	17198	0.40	ng	0.00
34) Perylene-d12	23.95	264	20561	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1001	0.25	ng	0.00
5) Phenol-d6	6.98	99	762	0.14	ng	0.00
8) Nitrobenzene-d5	8.98	82	2468	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	4853	0.50	ng	-0.01
14) 2,4,6-Tribromophenol	15.98	330	1239	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	8612	0.54	ng	0.00
25) Fluoranthene-d10	19.26	212	83149	0.50	ng	0.00
29) Terphenyl-d14	19.86	244	20232	0.66	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.89	266	6	0.183	ng	Qvalue # 77
32) Bis(2-ethylhexyl)phthalate	21.32	149	5805	0.103	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

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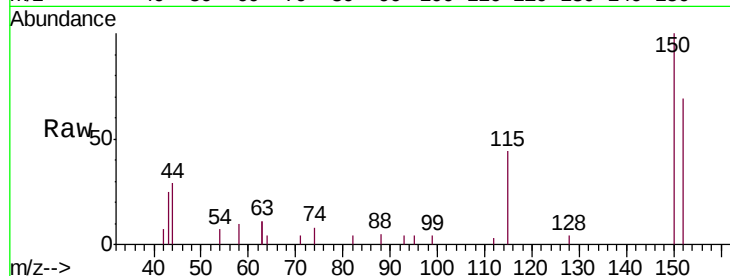
Tgt Ion:152 Resp: 1608

Ion Ratio Lower Upper

152 100

150 145.2 109.2 163.8

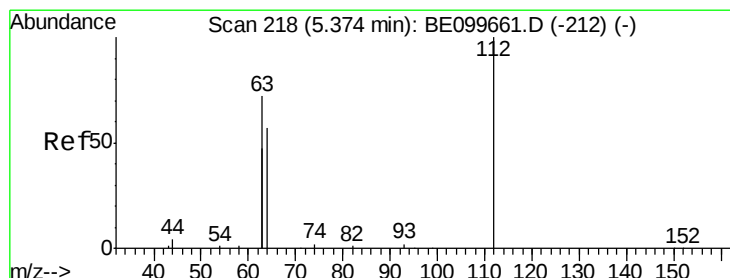
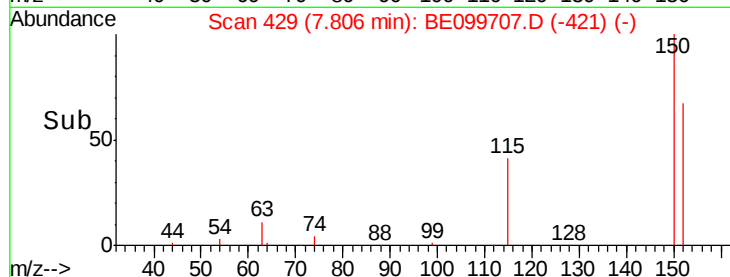
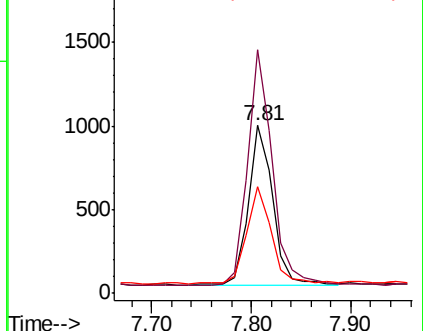
115 63.3 43.7 65.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.246 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099707.D

Acq: 22 May 2019 1:59

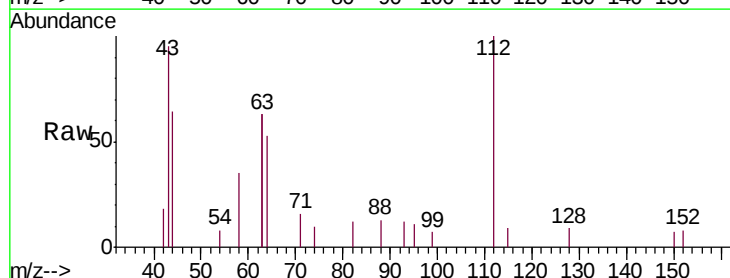
Tgt Ion:112 Resp: 1001

Ion Ratio Lower Upper

112 100

64 53.9 43.4 65.2

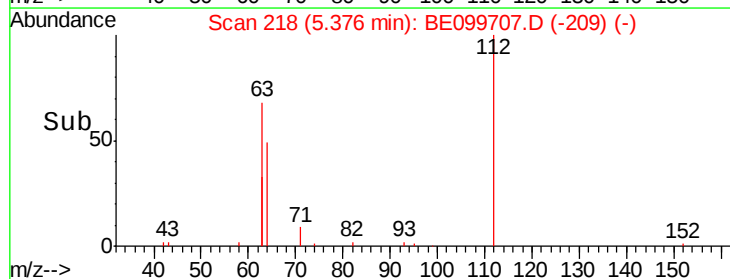
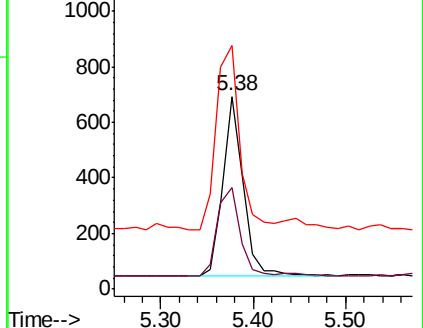
63 116.1 96.9 145.3

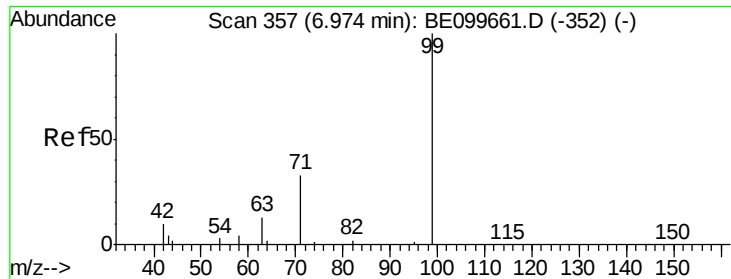


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.142 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099707.D

Acq: 22 May 2019 1:59

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051619

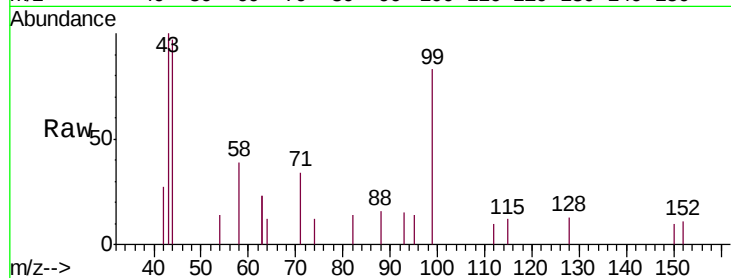
Tgt Ion: 99 Resp: 762

Ion Ratio Lower Upper

99 100

42 21.5 12.2 18.2#

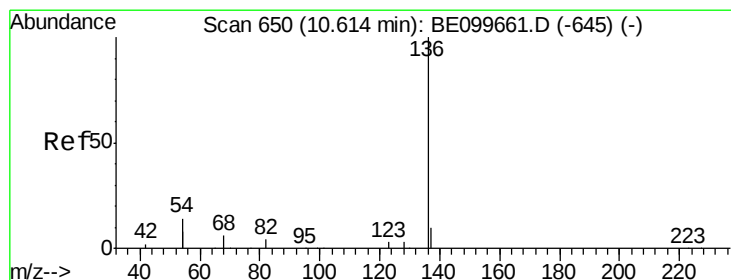
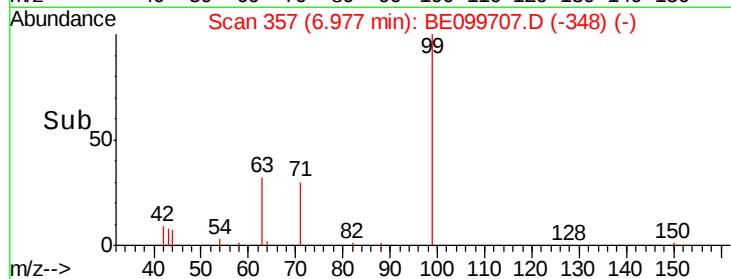
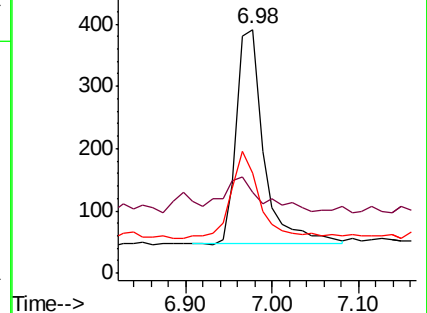
71 46.9 28.9 43.3#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099707.D

Acq: 22 May 2019 1:59

Tgt Ion: 136 Resp: 5669

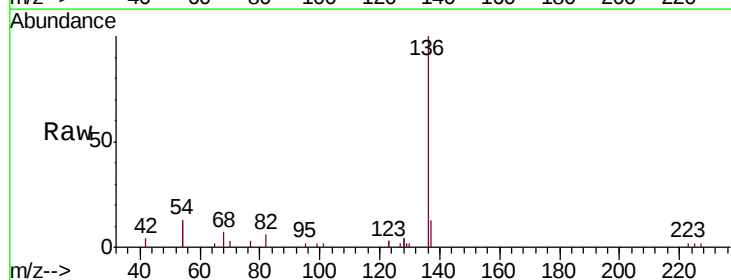
Ion Ratio Lower Upper

136 100

137 12.9 9.0 13.6

54 26.9 22.3 33.5

68 7.3 6.0 9.0

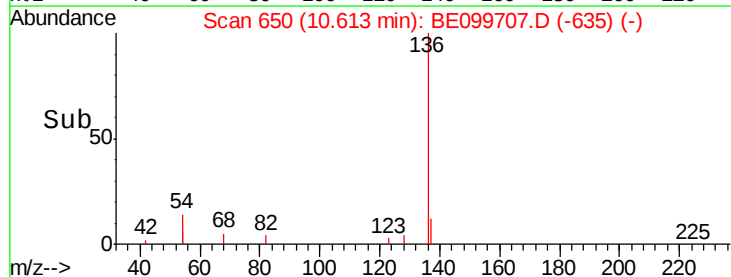
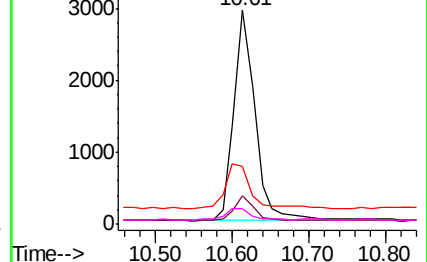


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.503 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099707.D

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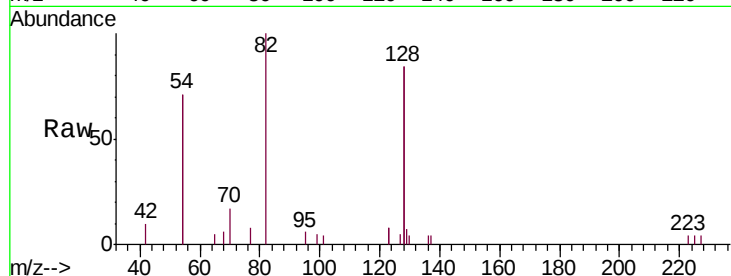
Tgt Ion: 82 Resp: 2468

Ion Ratio Lower Upper

82 100

128 167.4 117.7 176.5

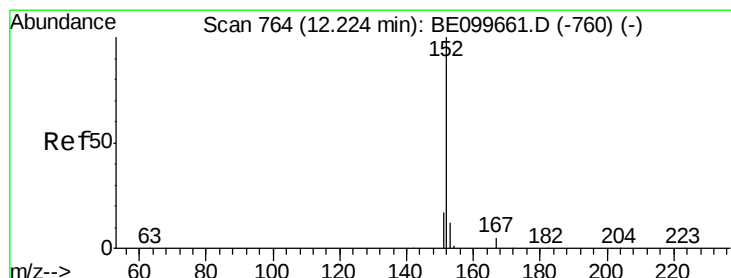
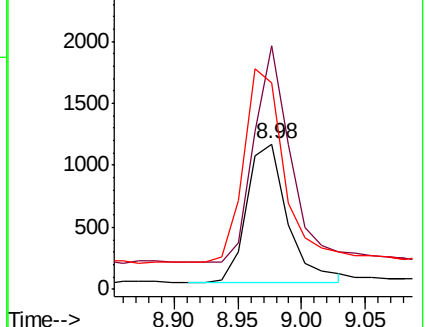
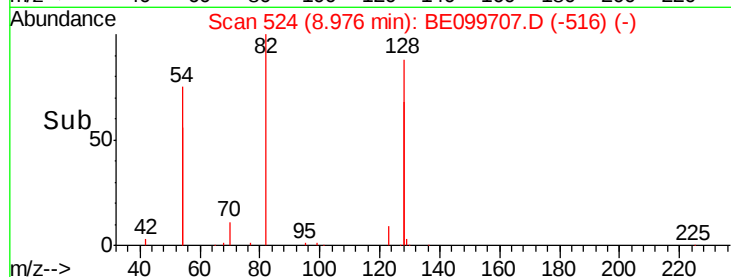
54 142.0 106.6 160.0



Abundance Ion 82.00 (81.70 to 82.70): BE099707.D (-516) (-)

Ion 128.00 (127.70 to 128.70): BE099707.D (-516) (-)

Ion 54.00 (53.70 to 54.70): BE099707.D (-516) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.496 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099707.D

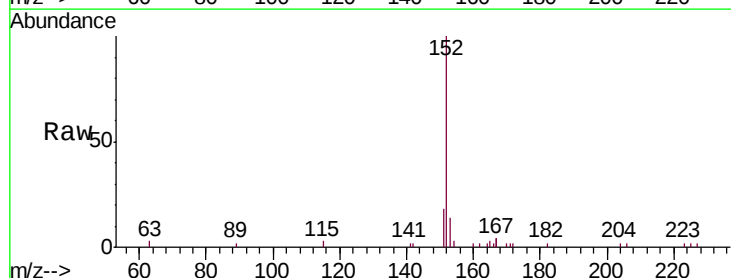
Acq: 22 May 2019 1:59

Tgt Ion: 152 Resp: 4853

Ion Ratio Lower Upper

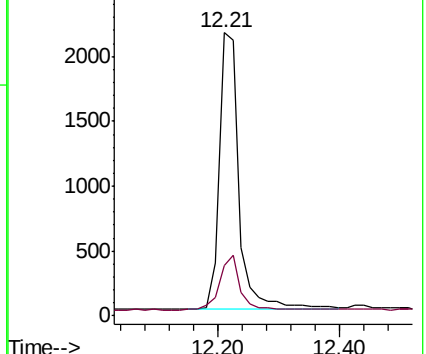
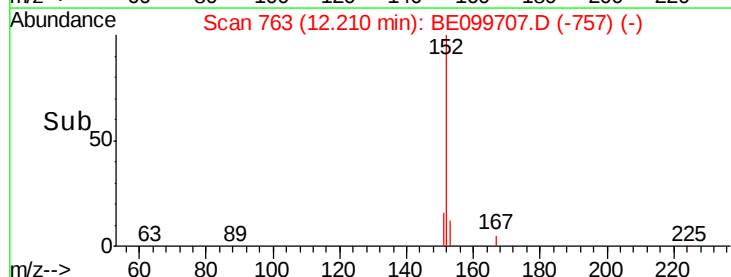
152 100

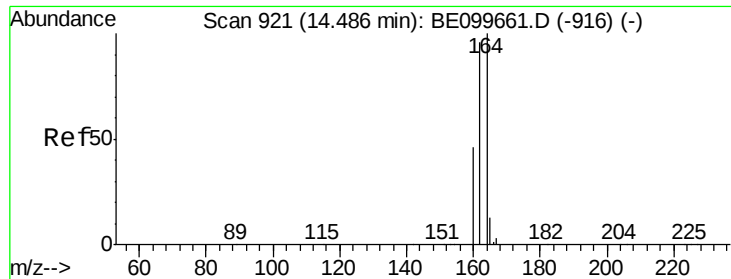
151 19.9 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): BE099707.D (-757) (-)

Ion 151.00 (150.70 to 151.70): BE099707.D (-757) (-)

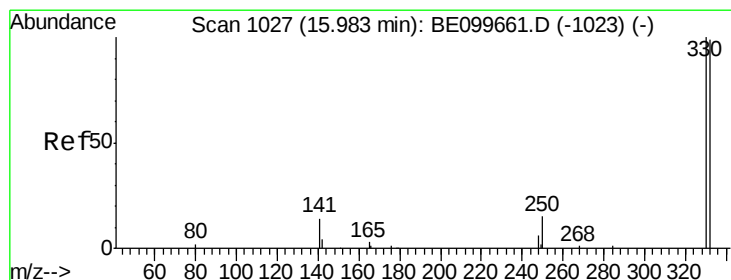
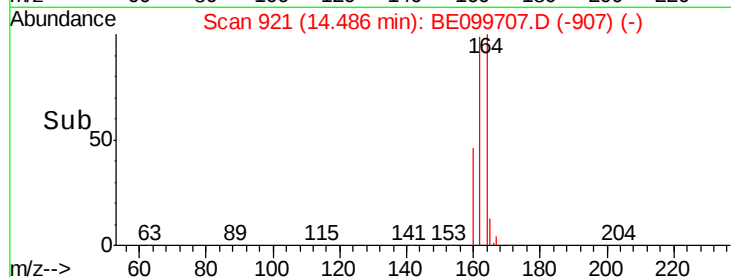
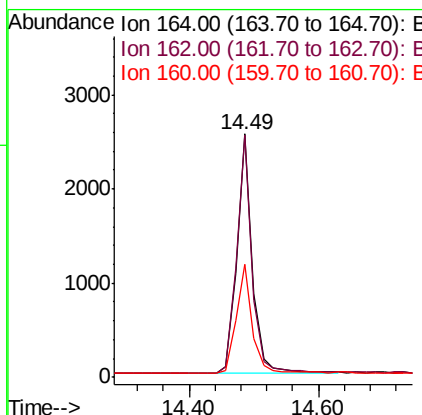
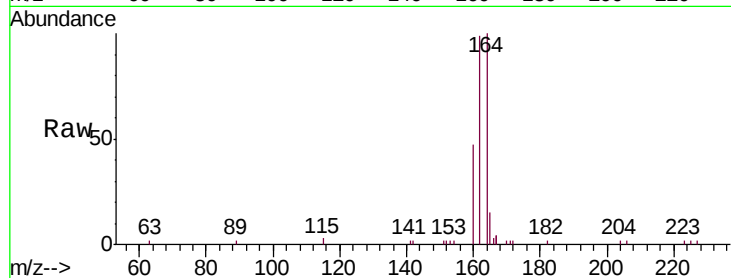




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE099707.D
 Acq: 22 May 2019 1:59

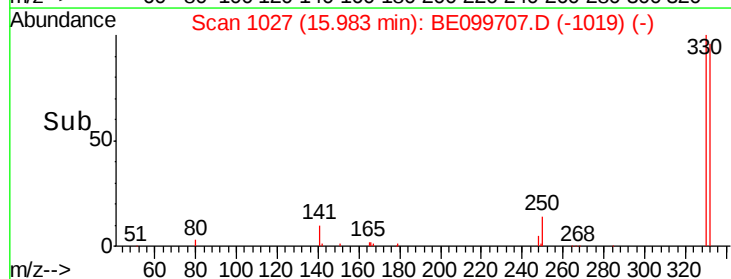
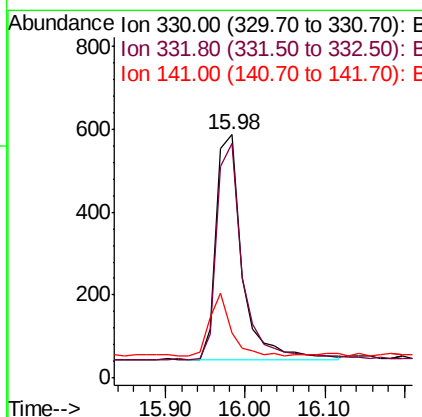
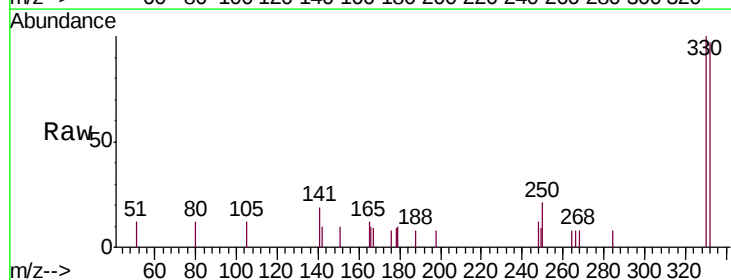
Instrument :
 BNA_E
 ClientSampleId :
 FEQC-FB-051619

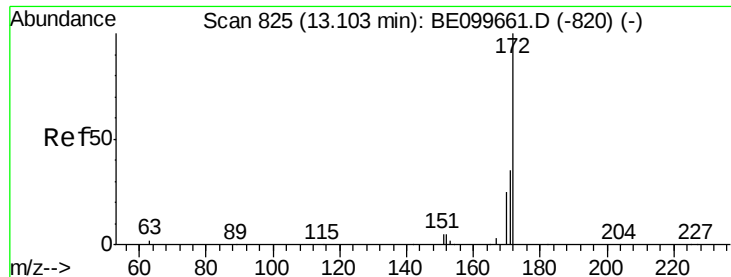
Tgt Ion:164 Resp: 4167
 Ion Ratio Lower Upper
 164 100
 162 99.3 76.5 114.7
 160 46.6 37.4 56.2



#14
 2,4,6-Tribromophenol
 Concen: 0.516 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099707.D
 Acq: 22 May 2019 1:59

Tgt Ion:330 Resp: 1239
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 23.5 18.9 28.3

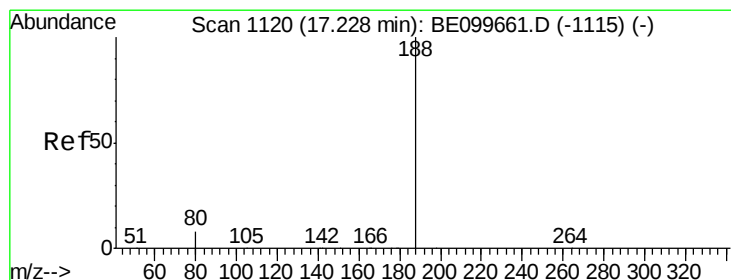
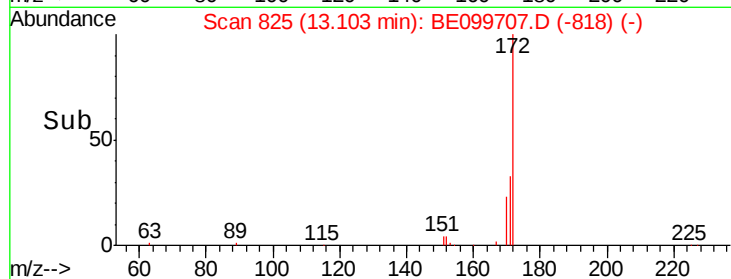
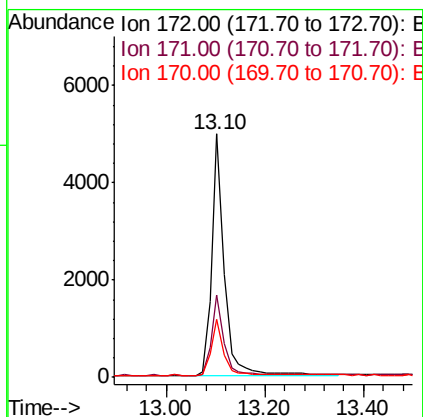
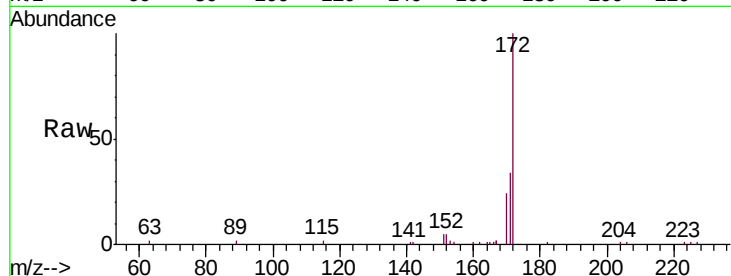




#15
 2-Fluorobiphenyl
 Concen: 0.545 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099707.D
 Acq: 22 May 2019 1:59

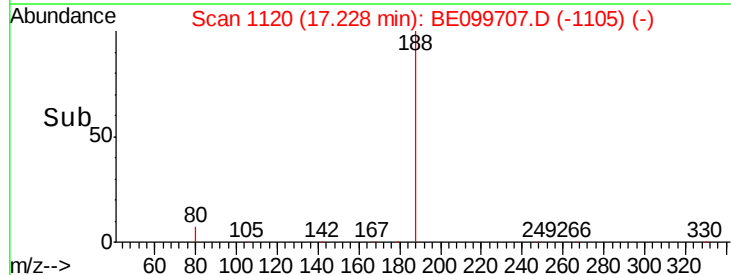
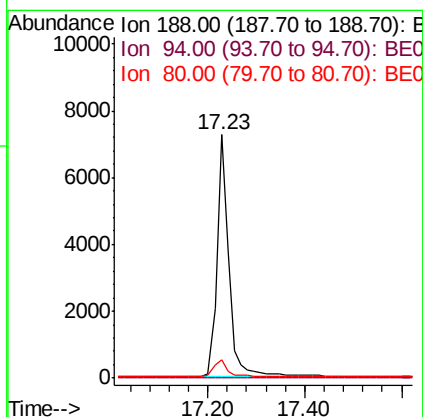
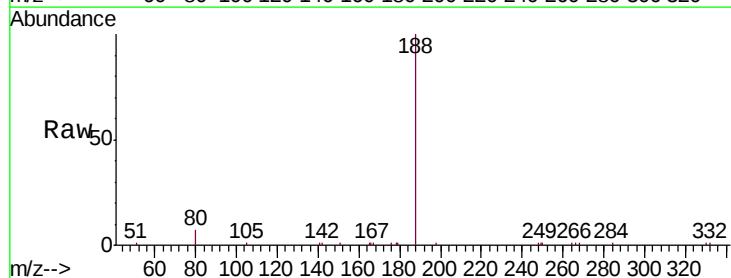
Instrument :
 BNA_E
 ClientSampleId :
 FEQC-FB-051619

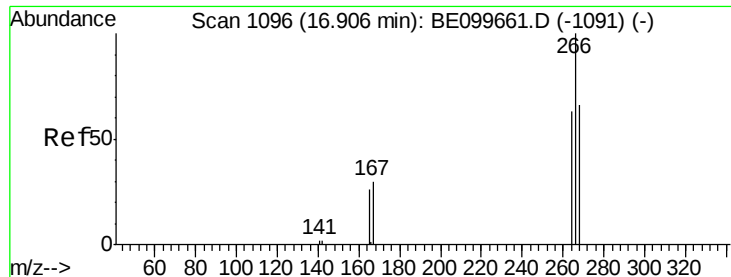
Tgt Ion:172 Resp: 8612
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.7 43.1
 170 23.6 20.9 31.3



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE099707.D
 Acq: 22 May 2019 1:59

Tgt Ion:188 Resp: 12248
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.3 6.7 10.1

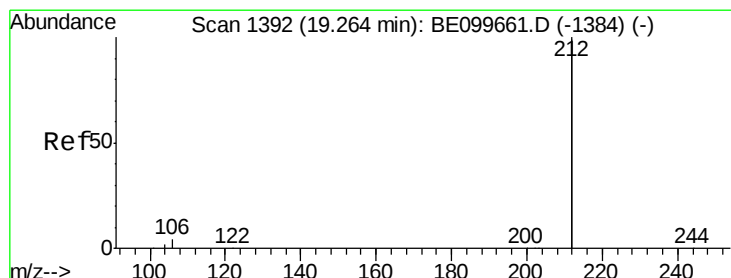
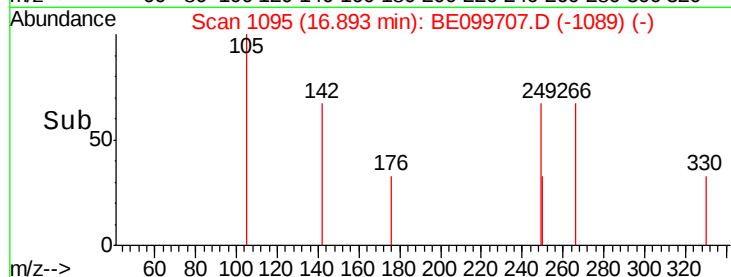
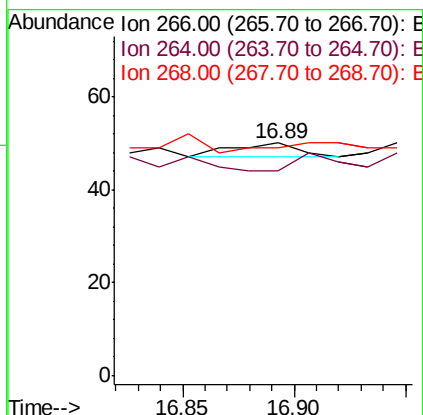
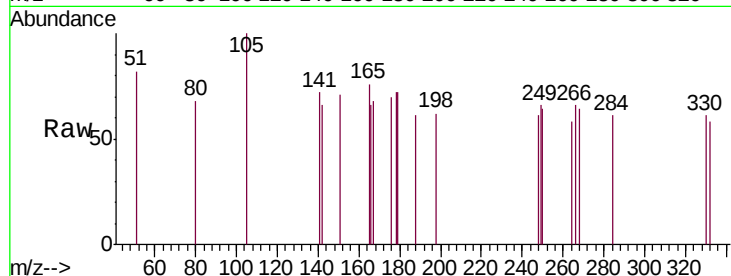




#22
 Pentachlorophenol
 Concen: 0.183 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BE099707.D
 Acq: 22 May 2019 1:59

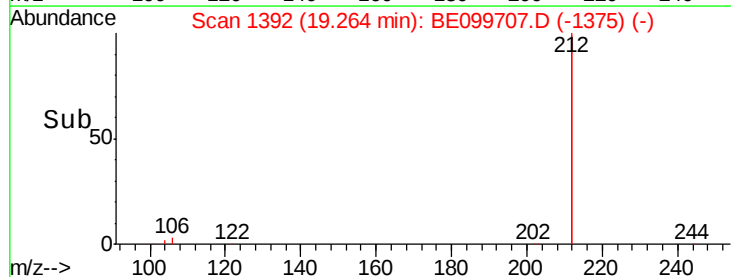
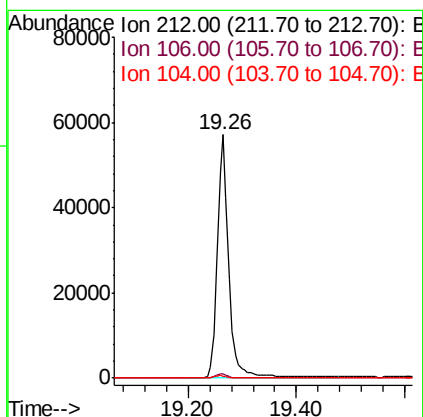
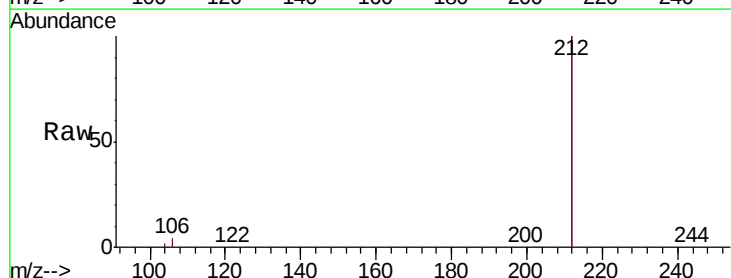
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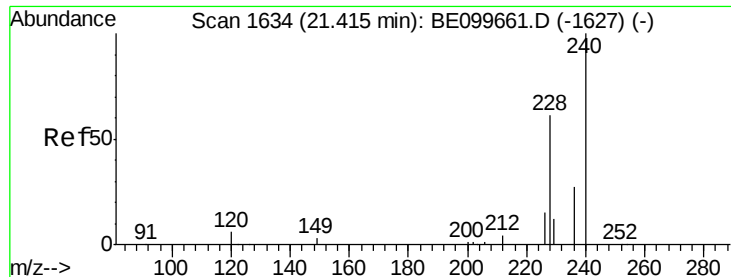
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 88.0 57.2 85.8#
 268 98.0 60.5 90.7#



#25
 Fluoranthene-d10
 Concen: 0.497 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BE099707.D
 Acq: 22 May 2019 1:59

Tgt Ion: 212 Resp: 83149
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.0 0.8 1.2

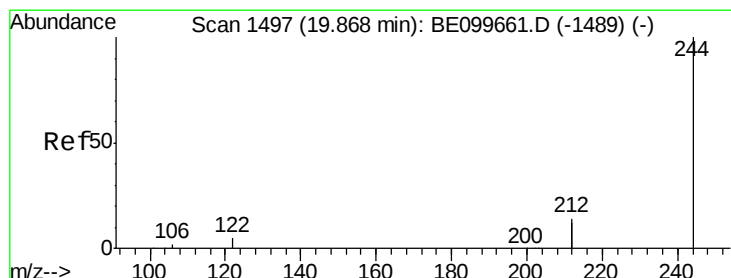
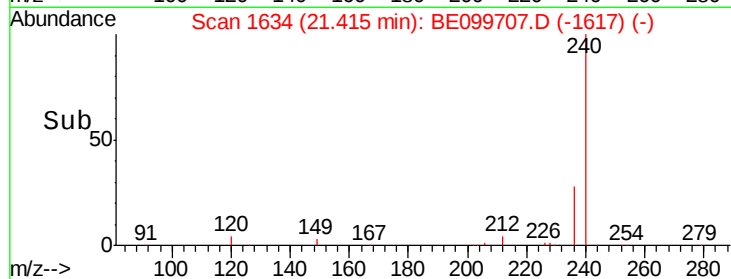
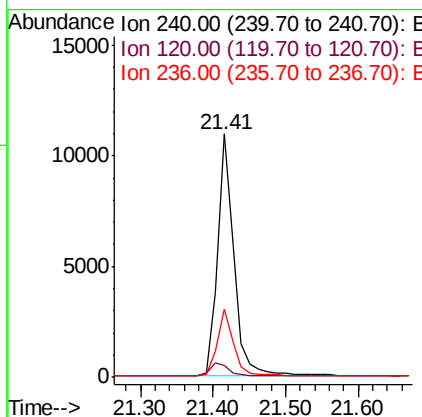
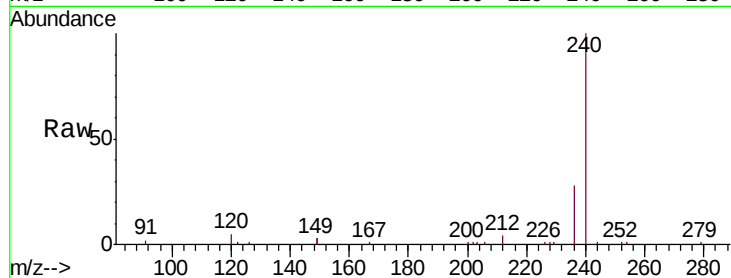




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099707.D
 Acq: 22 May 2019 1:59

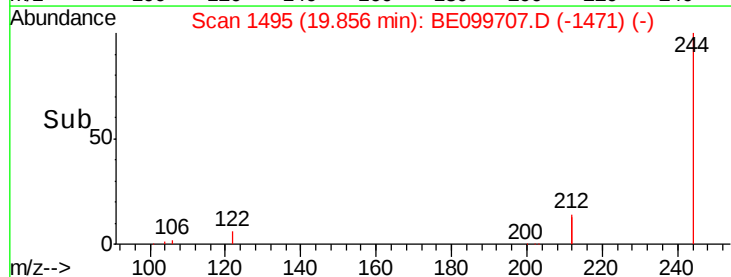
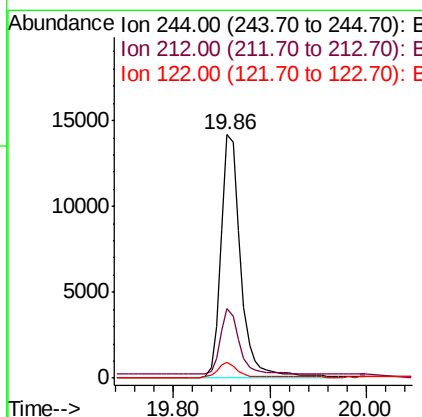
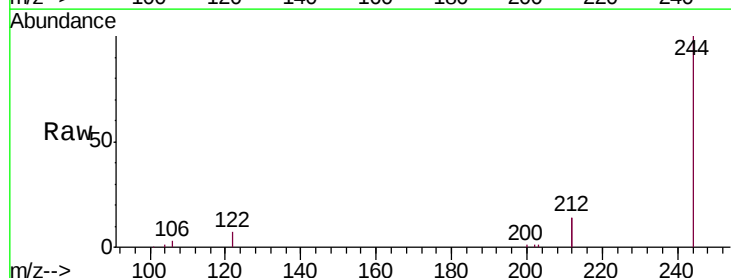
Instrument :
 BNA_E
 ClientSampleId :
 FEQC-FB-051619

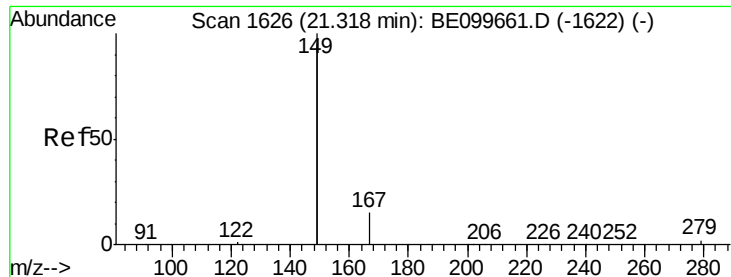
Tgt Ion:240 Resp: 17198
 Ion Ratio Lower Upper
 240 100
 120 4.9 5.4 8.0#
 236 28.2 21.7 32.5



#29
 Terphenyl-d14
 Concen: 0.659 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BE099707.D
 Acq: 22 May 2019 1:59

Tgt Ion:244 Resp: 20232
 Ion Ratio Lower Upper
 244 100
 212 28.8 22.5 33.7
 122 6.7 4.3 6.5#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.103 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099707.D

Acq: 22 May 2019 1:59

Instrument :

BNA_E

ClientSampleId :

FEQC-FB-051619

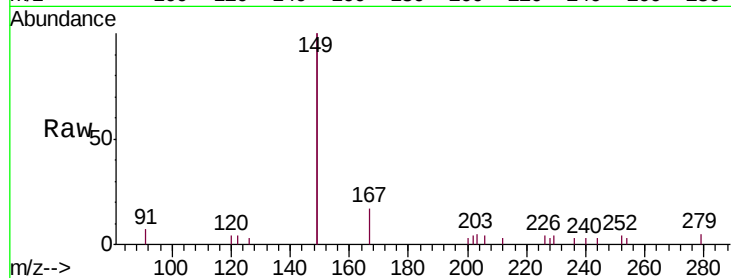
Tgt Ion:149 Resp: 5805

Ion Ratio Lower Upper

149 100

167 7.4 6.2 9.4

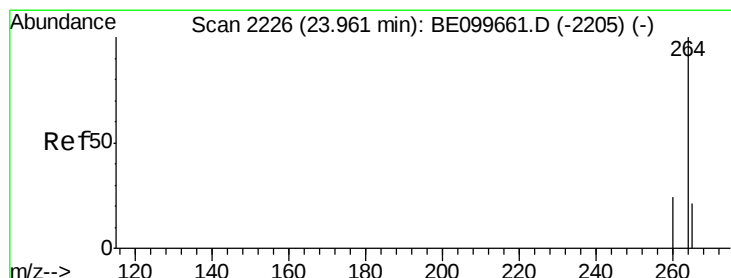
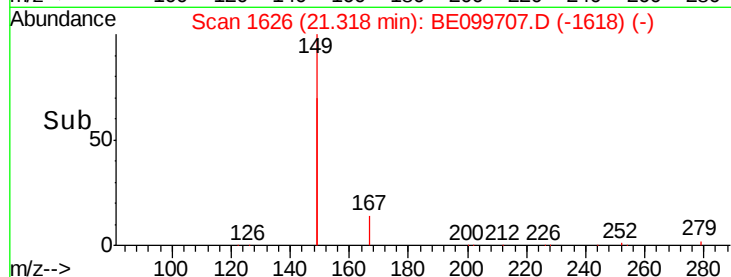
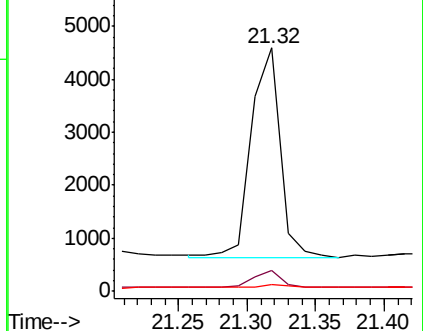
279 1.5 1.2 1.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BE099707.D

Acq: 22 May 2019 1:59

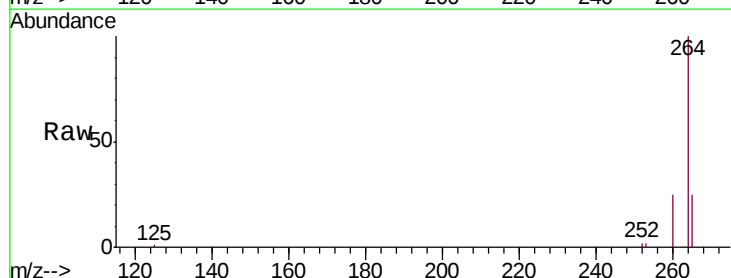
Tgt Ion:264 Resp: 20561

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 25.3 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

