

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051719\
 Data File : BE099647.D
 Acq On : 17 May 2019 12:00
 Operator : JU/SJ
 Sample : K2838-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FEBH-04(32-32.5)

Quant Time: May 17 14:00:04 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

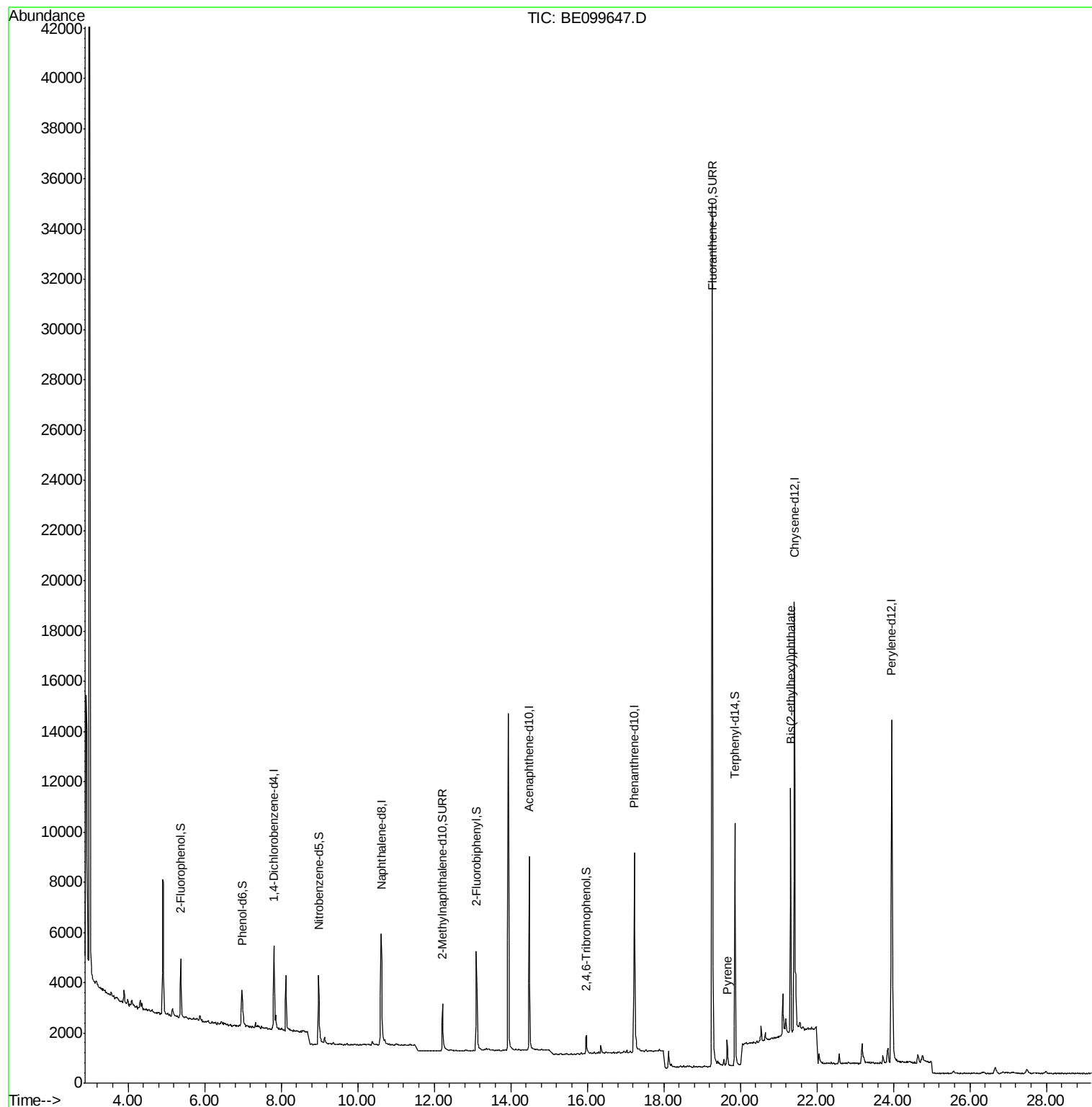
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1869	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	6463	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4596	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	13415	0.40	ng	0.00
27) Chrysene-d12	21.41	240	18686	0.40	ng	0.00
34) Perylene-d12	23.96	264	21887	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1408	0.27	ng	0.00
5) Phenol-d6	6.98	99	1802	0.27	ng	0.00
8) Nitrobenzene-d5	8.98	82	1482	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3126	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	635	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4539	0.26	ng	0.00
25) Fluoranthene-d10	19.26	212	48775	0.27	ng	0.00
29) Terphenyl-d14	19.86	244	10109	0.30	ng	0.00
Target Compounds						
28) Pyrene	19.66	202	1095	0.023	ng	96
32) Bis(2-ethylhexyl)phthalate	21.32	149	11175	0.128	ng	99

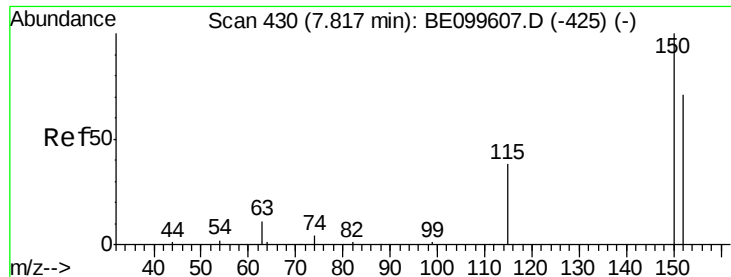
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BE099647.D

Acq: 17 May 2019 12:00

Instrument :

BNA_E

ClientSampleId :

FEBH-04(32-32.5)

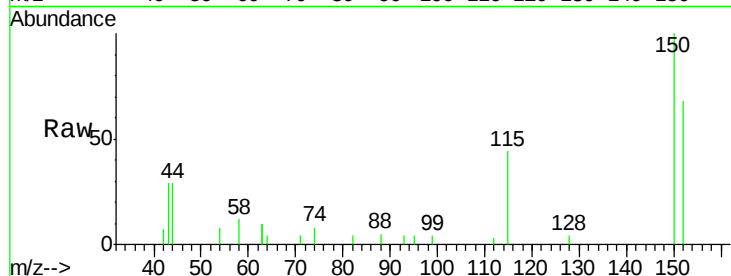
Tgt Ion:152 Resp: 1869

Ion Ratio Lower Upper

152 100

150 147.4 110.1 165.1

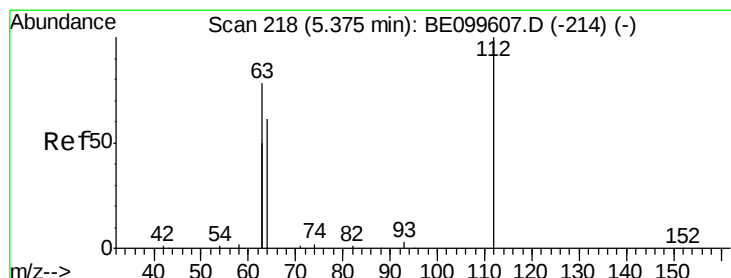
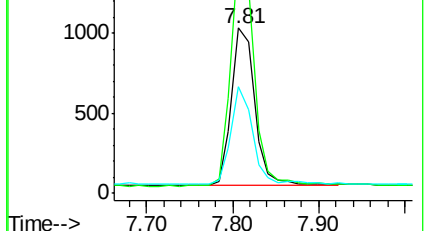
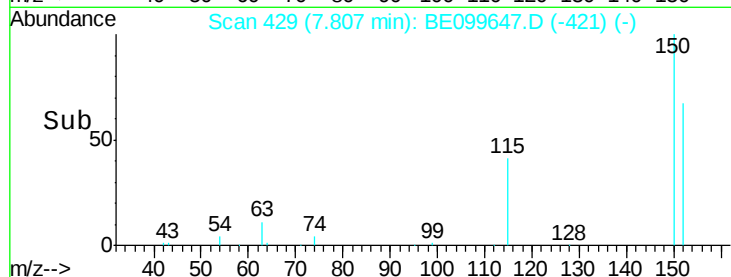
115 64.3 46.2 69.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.265 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099647.D

Acq: 17 May 2019 12:00

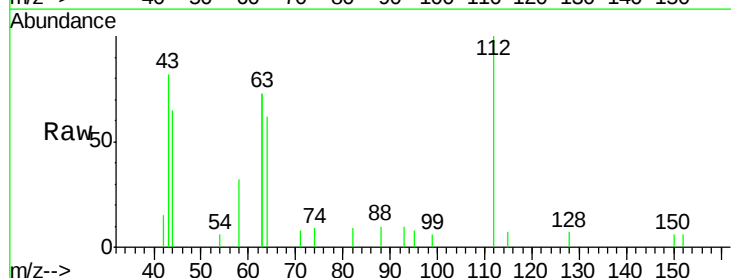
Tgt Ion:112 Resp: 1408

Ion Ratio Lower Upper

112 100

64 55.4 43.7 65.5

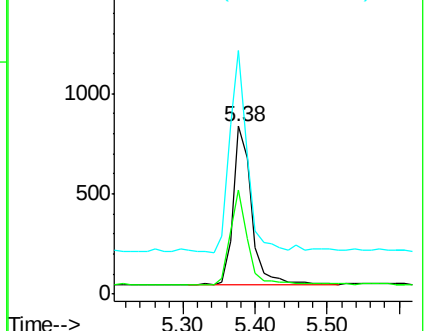
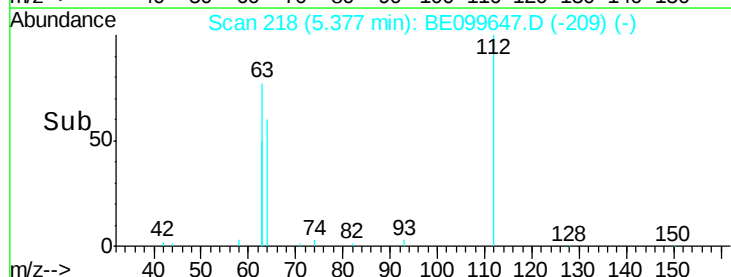
63 118.6 94.0 141.0

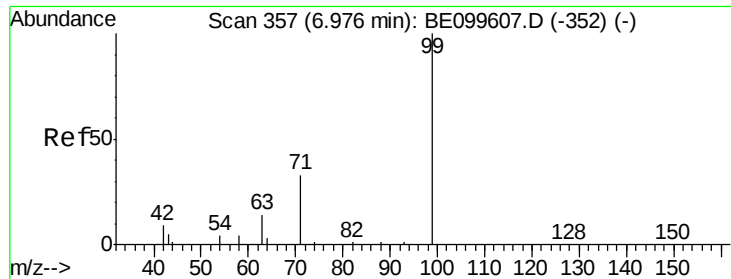


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.268 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099647.D

Acq: 17 May 2019 12:00

Instrument :

BNA_E

ClientSampleId :

FEBH-04(32-32.5)

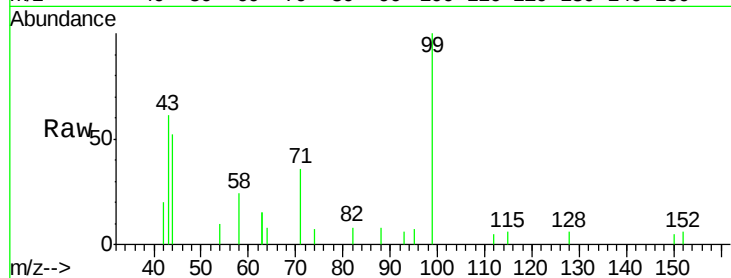
Tgt Ion: 99 Resp: 1802

Ion Ratio Lower Upper

99 100

42 18.0 14.3 21.5

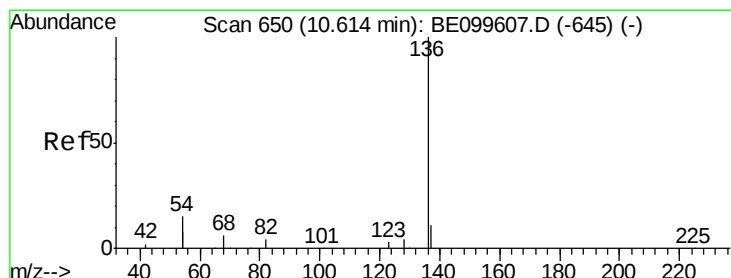
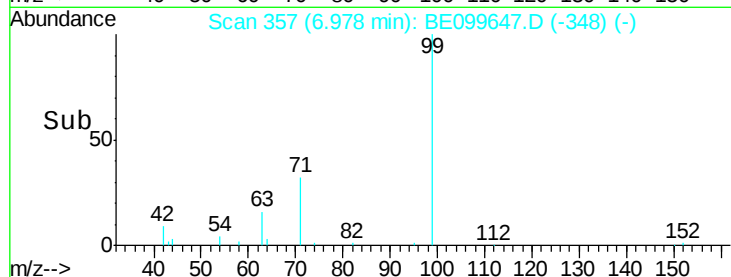
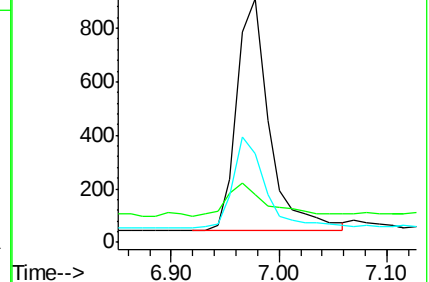
71 40.3 33.1 49.7



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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099647.D

Acq: 17 May 2019 12:00

Tgt Ion: 136 Resp: 6463

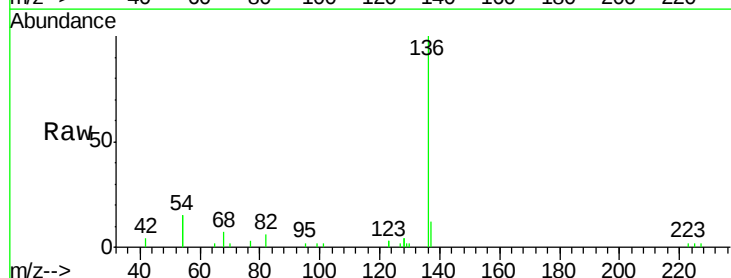
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 30.4 23.8 35.8

68 7.4 6.2 9.2

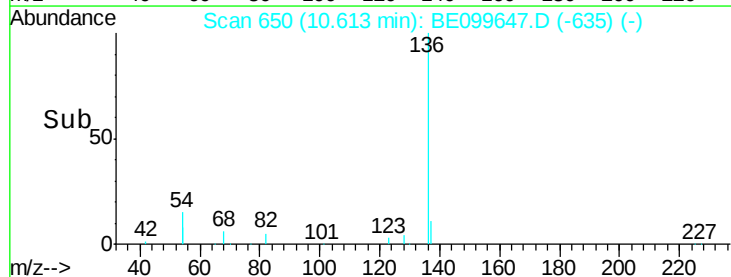
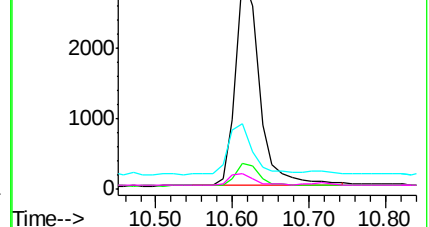


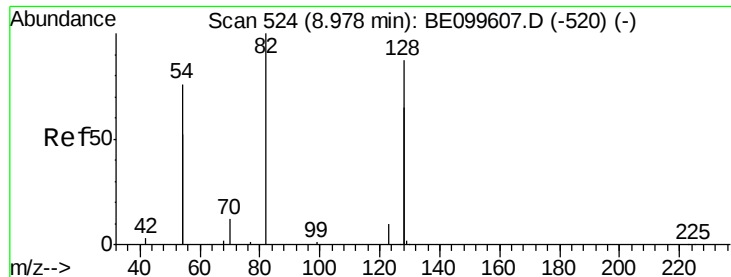
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.237 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099647.D

Acq: 17 May 2019 12:00

Instrument :

BNA_E

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FEBH-04(32-32.5)

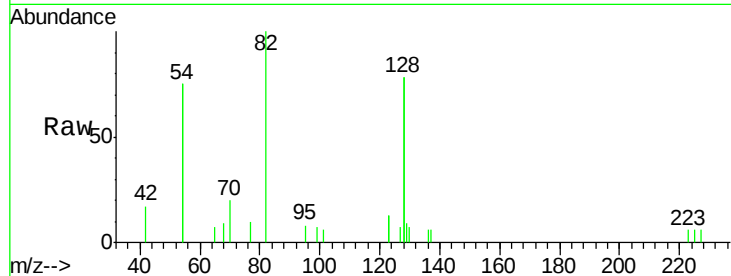
Tgt Ion: 82 Resp: 1482

Ion Ratio Lower Upper

82 100

128 156.1 131.4 197.2

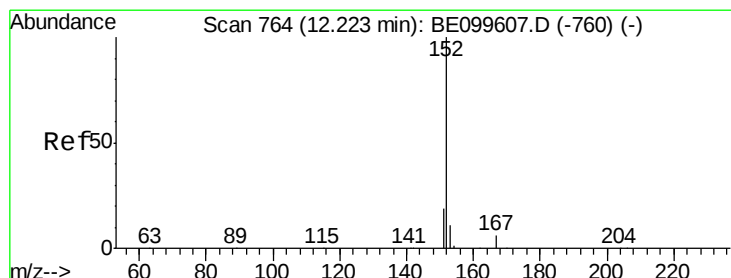
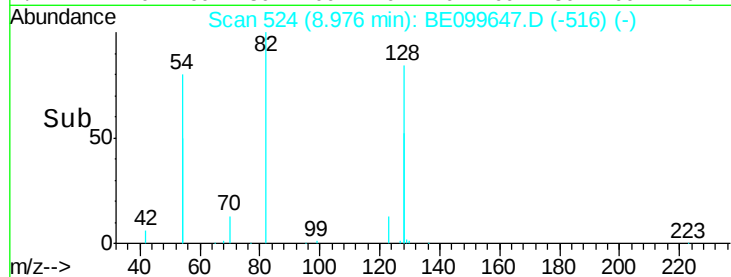
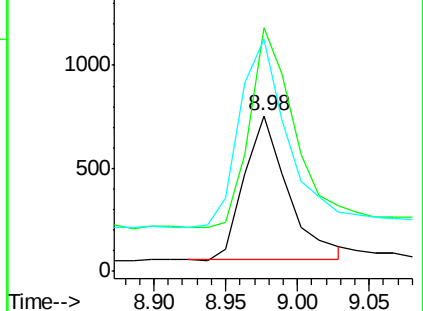
54 149.3 113.9 170.9



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.288 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099647.D

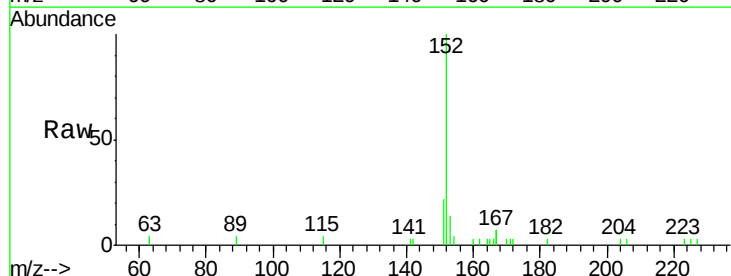
Acq: 17 May 2019 12:00

Tgt Ion: 152 Resp: 3126

Ion Ratio Lower Upper

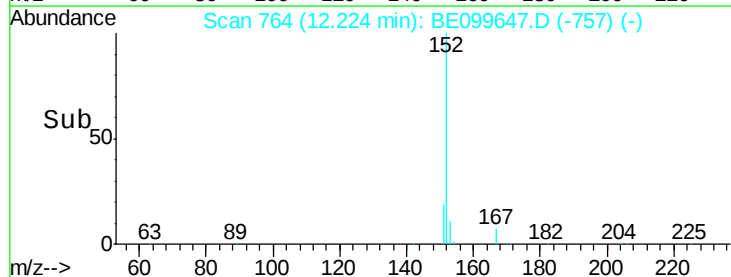
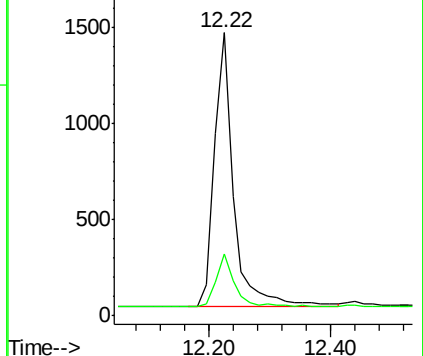
152 100

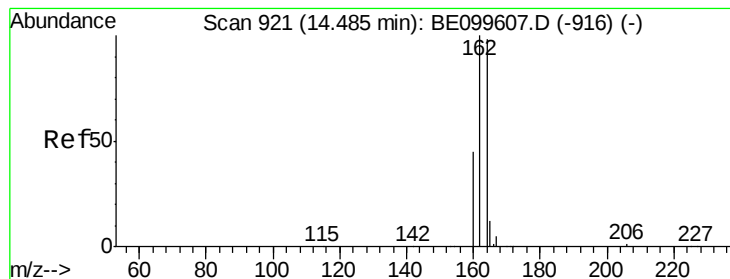
151 19.6 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099647.D

Acq: 17 May 2019 12:00

Instrument :

BNA_E

ClientSampleId :

FEBH-04(32-32.5)

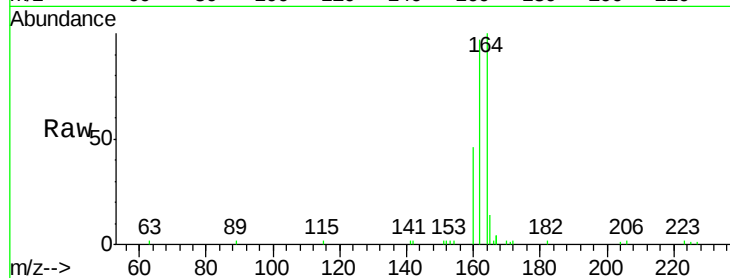
Tgt Ion:164 Resp: 4596

Ion Ratio Lower Upper

164 100

162 96.7 81.4 122.0

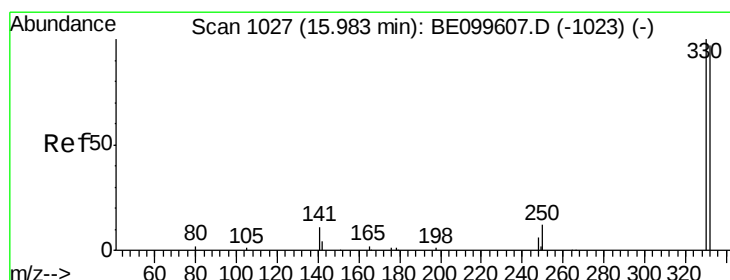
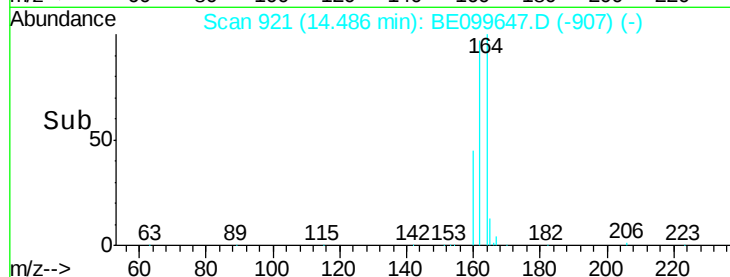
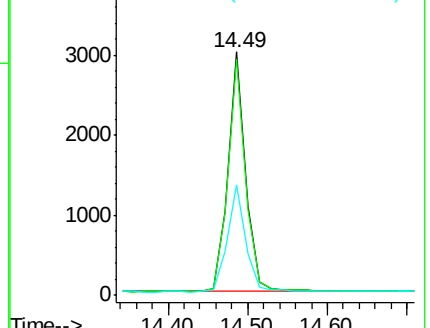
160 45.5 37.4 56.2



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: 0.202 ng

RT: 15.98 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE099647.D

Acq: 17 May 2019 12:00

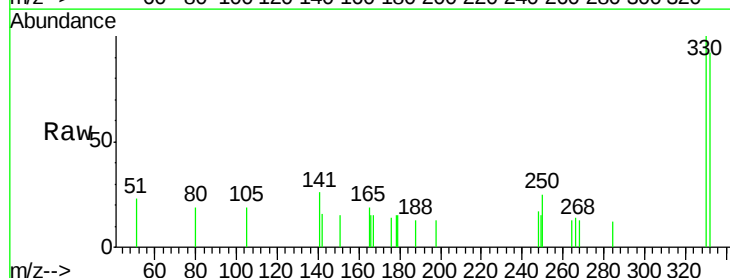
Tgt Ion:330 Resp: 635

Ion Ratio Lower Upper

330 100

332 92.6 73.8 110.8

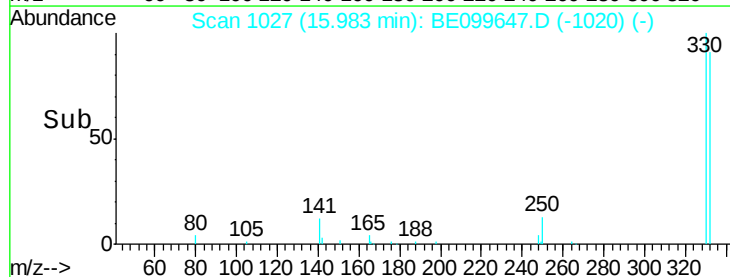
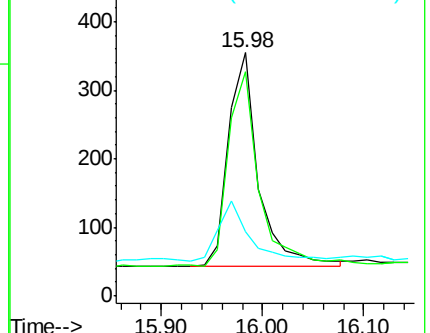
141 29.6 21.0 31.6

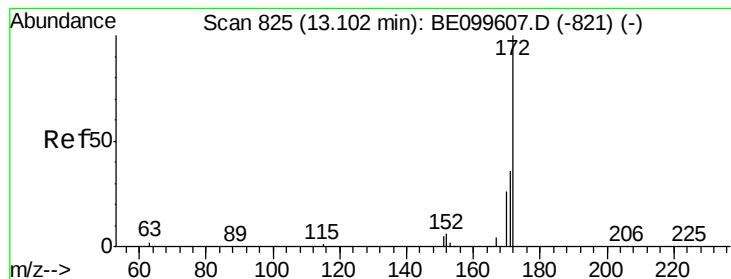


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

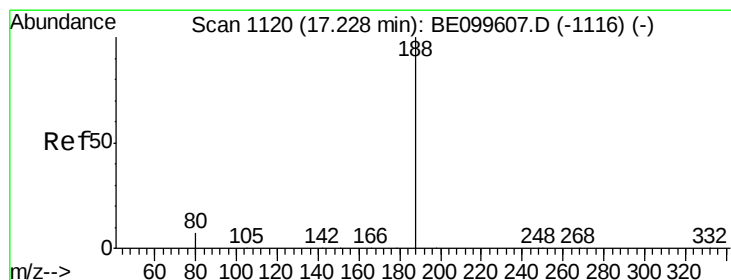
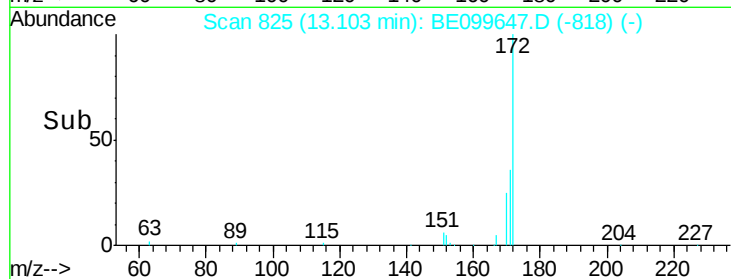
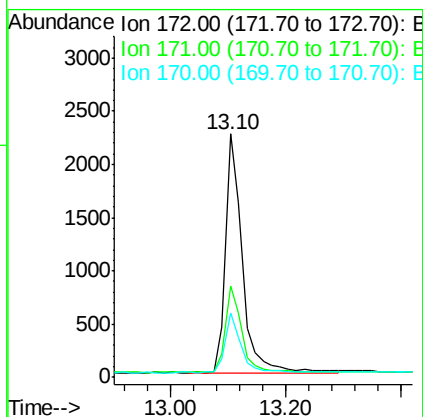
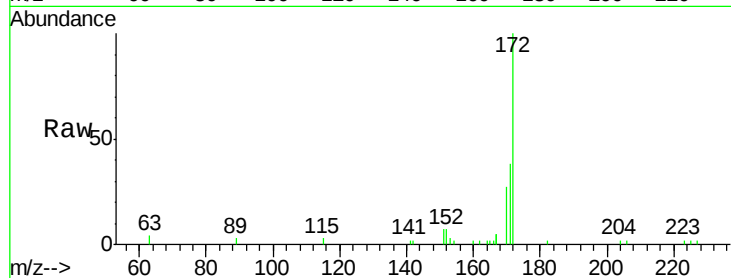




#15
2-Fluorobiphenyl
Concen: 0.256 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

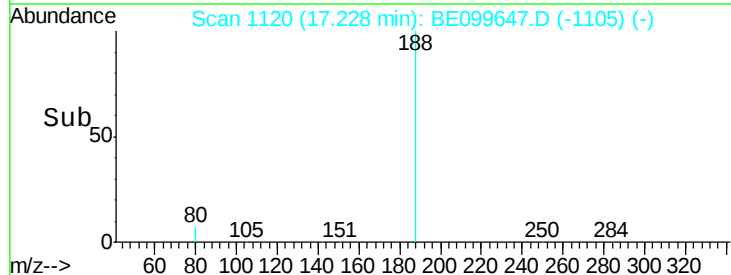
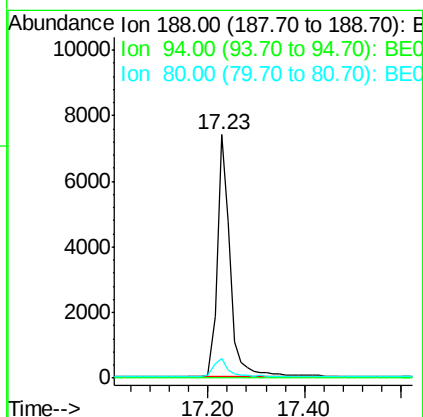
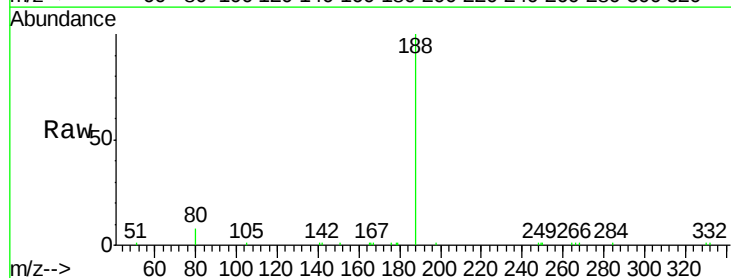
Instrument :
BNA_E
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FEBH-04(32-32.5)

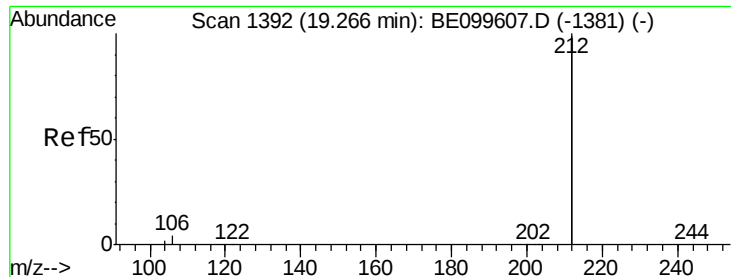
Tgt Ion:172 Resp: 4539
Ion Ratio Lower Upper
172 100
171 37.5 29.4 44.2
170 26.6 21.5 32.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Tgt Ion:188 Resp: 13415
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 6.4 9.6





#25

Fluoranthene-d10

Concen: 0.273 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099647.D

Acq: 17 May 2019 12:00

Instrument :

BNA_E

ClientSampleId :

FEBH-04(32-32.5)

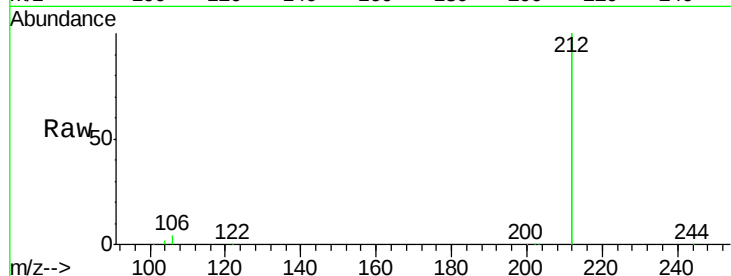
Tgt Ion:212 Resp: 48775

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

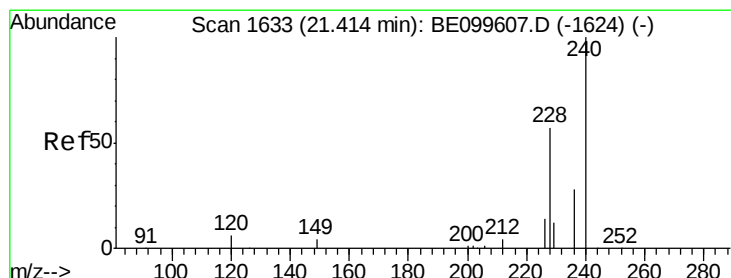
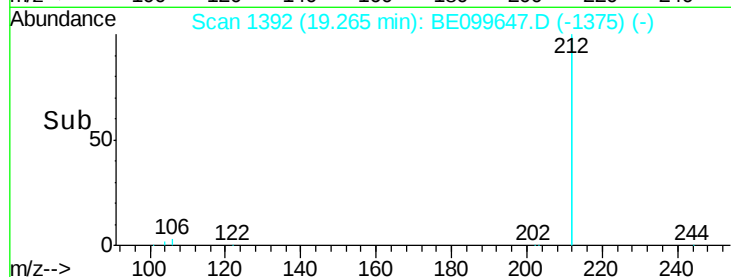
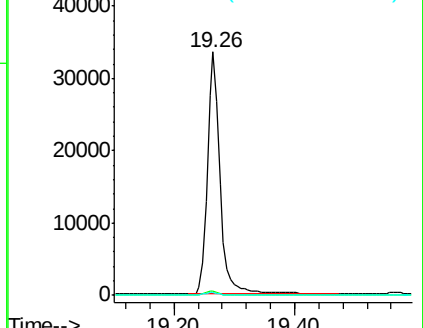
104 1.1 0.9 1.3



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# 1634

Delta R.T. 0.00 min

Lab File: BE099647.D

Acq: 17 May 2019 12:00

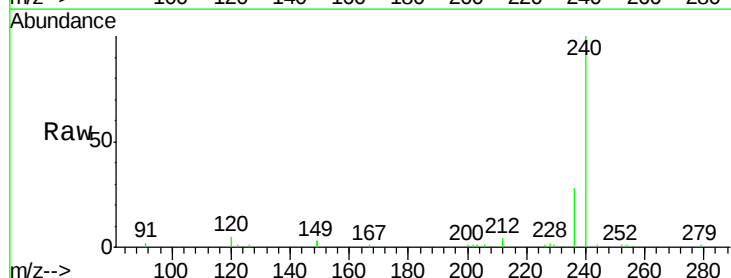
Tgt Ion:240 Resp: 18686

Ion Ratio Lower Upper

240 100

120 4.9 5.7 8.5#

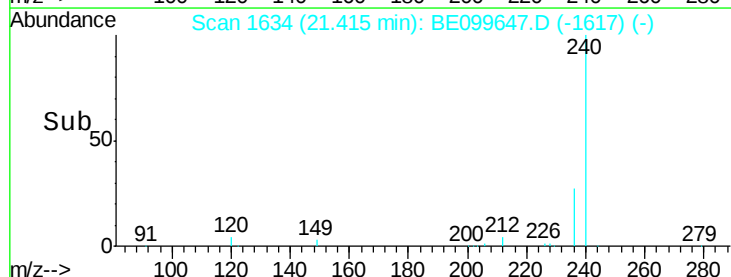
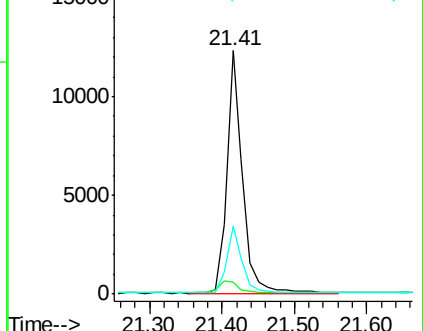
236 27.8 22.8 34.2

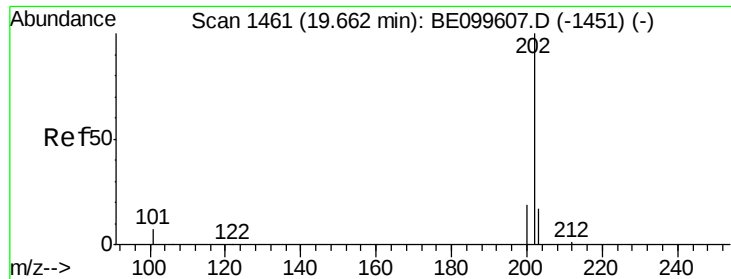


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

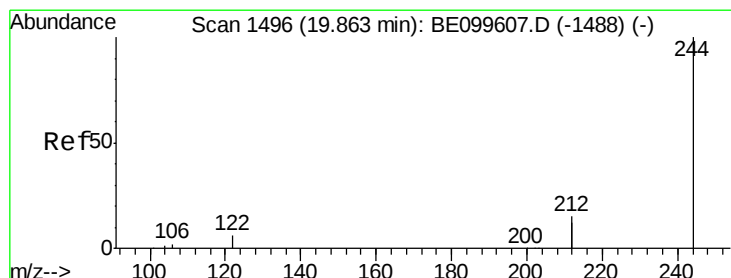
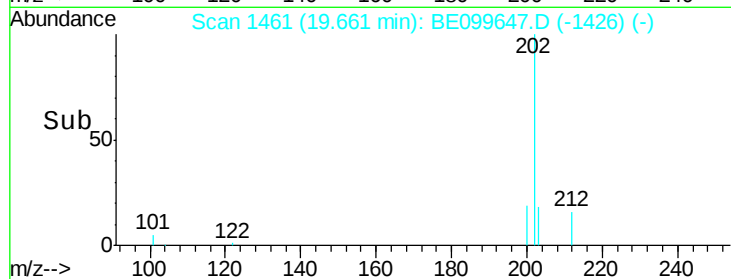
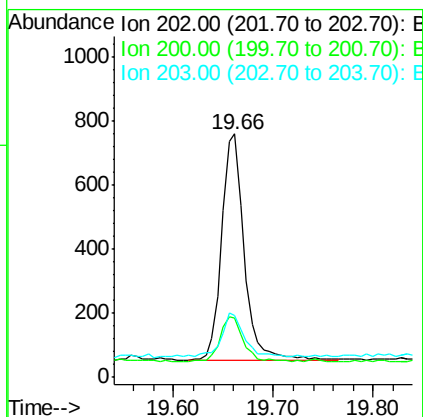
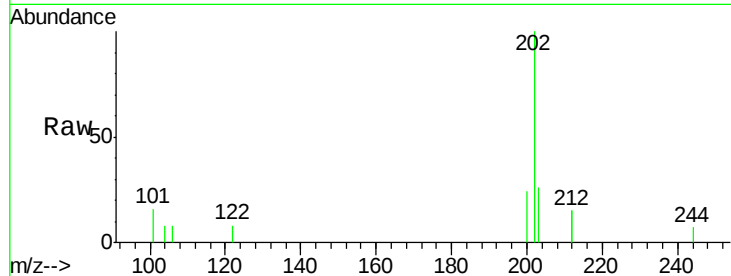




#28
 Pyrene
 Concen: 0.023 ng
 RT: 19.66 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BE099647.D
 Acq: 17 May 2019 12:00

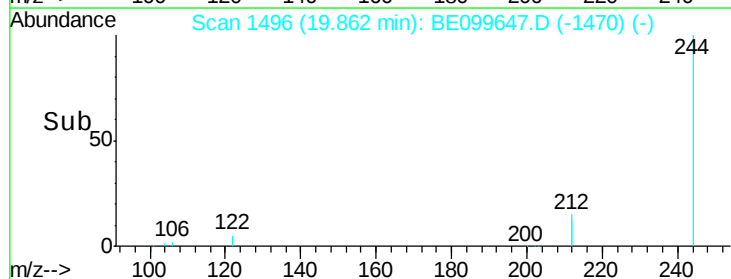
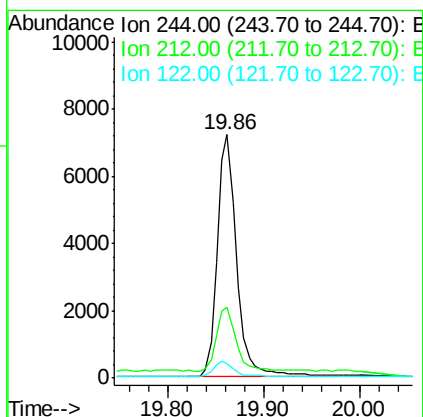
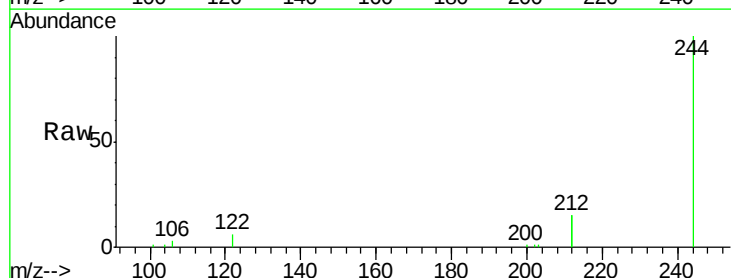
Instrument :
 BNA_E
 ClientSampleId :
 FEBH-04(32-32.5)

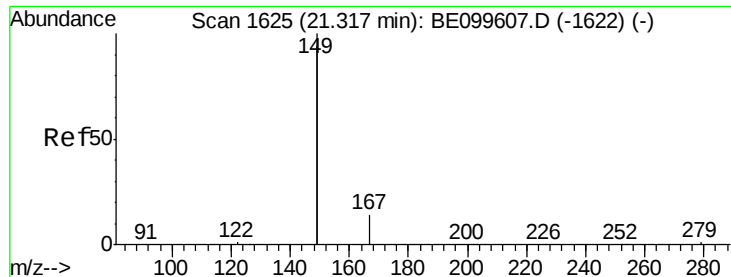
Tgt Ion:202 Resp: 1095
 Ion Ratio Lower Upper
 202 100
 200 21.0 15.8 23.6
 203 19.7 14.1 21.1



#29
 Terphenyl-d14
 Concen: 0.301 ng
 RT: 19.86 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BE099647.D
 Acq: 17 May 2019 12:00

Tgt Ion:244 Resp: 10109
 Ion Ratio Lower Upper
 244 100
 212 29.3 23.8 35.6
 122 5.8 5.0 7.6

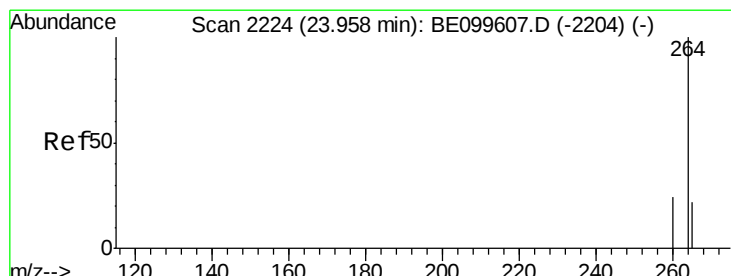
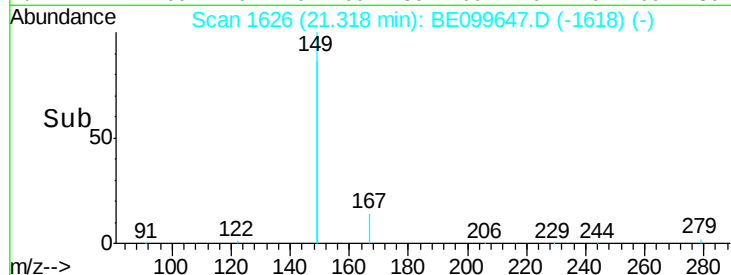
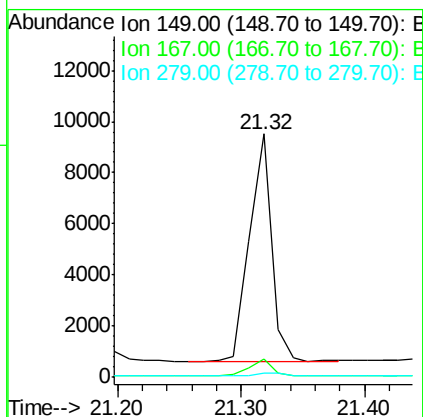
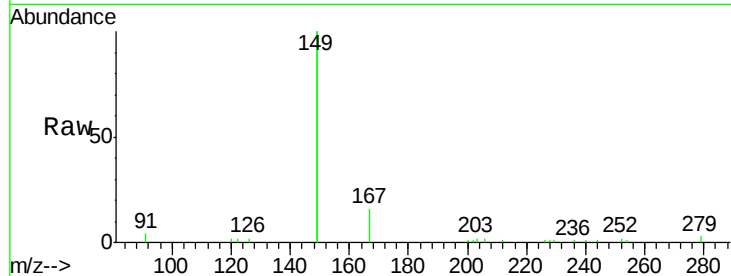




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.128 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BE099647.D
 Acq: 17 May 2019 12:00

Instrument :
 BNA_E
 ClientSampleId :
 FEBH-04(32-32.5)

Tgt Ion:149 Resp: 11175
 Ion Ratio Lower Upper
 149 100
 167 7.3 6.0 9.0
 279 1.6 1.1 1.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BE099647.D
 Acq: 17 May 2019 12:00

Tgt Ion:264 Resp: 21887
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 24.5 21.2 31.8

