

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051719\
 Data File : BE099654.D
 Acq On : 17 May 2019 16:14
 Operator : JU/SJ
 Sample : K2873-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FEBH-10

Quant Time: May 17 18:28:02 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

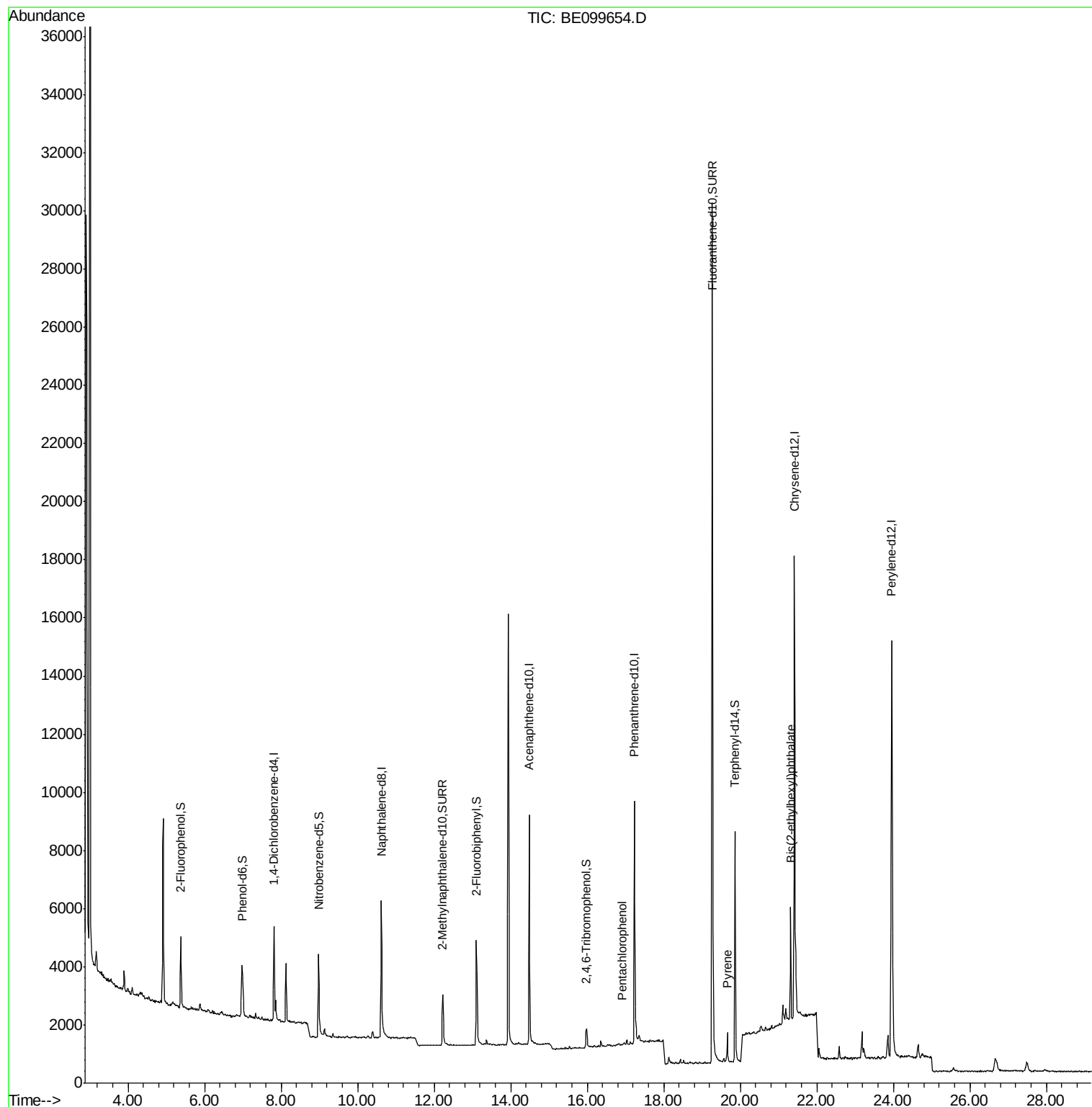
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1913	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6518	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4685	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	13852	0.40	ng	0.00
27) Chrysene-d12	21.41	240	18739	0.40	ng	0.00
34) Perylene-d12	23.96	264	23359	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1445	0.27	ng	0.00
5) Phenol-d6	6.98	99	1975	0.29	ng	0.00
8) Nitrobenzene-d5	8.98	82	1568	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2891	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	541	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4315	0.24	ng	0.00
25) Fluoranthene-d10	19.26	212	44634	0.24	ng	0.00
29) Terphenyl-d14	19.86	244	8426	0.25	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.92	266	6	0.276	ng	# 72
28) Pyrene	19.66	202	1107	0.023	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.32	149	4338	0.050	ng	99

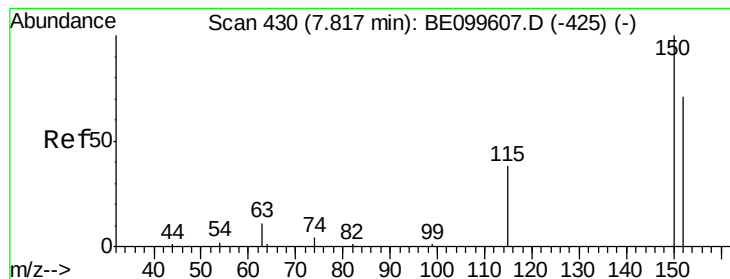
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099654.D

Acq: 17 May 2019 16:14

Instrument :

BNA_E

ClientSampleId :

FEBH-10

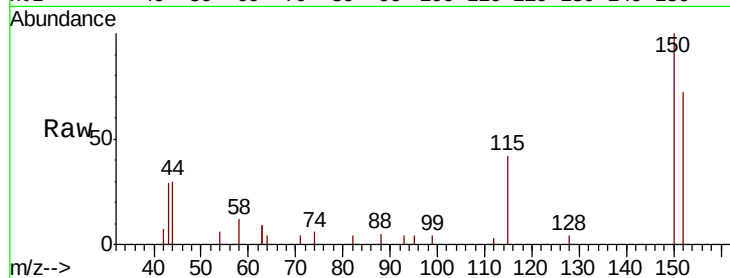
Tot Ion:152 Resp: 1913

Ion Ratio Lower Upper

152 100

150 139.6 110.1 165.1

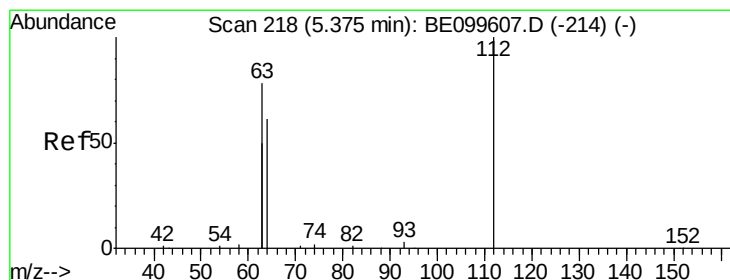
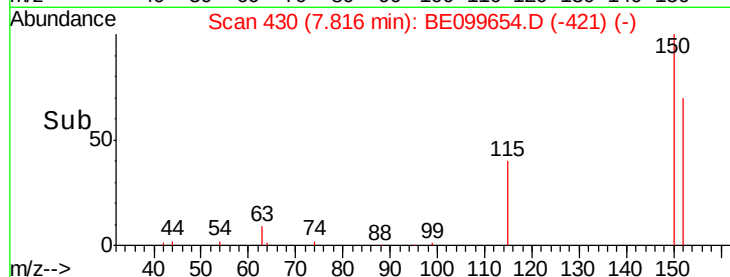
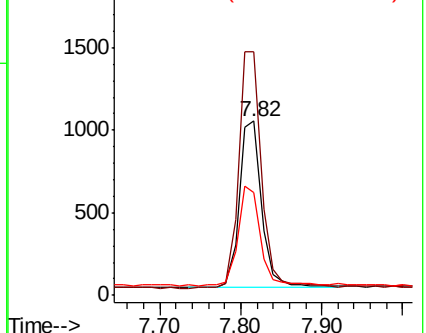
115 59.3 46.2 69.4



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: 0.266 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE099654.D

Acq: 17 May 2019 16:14

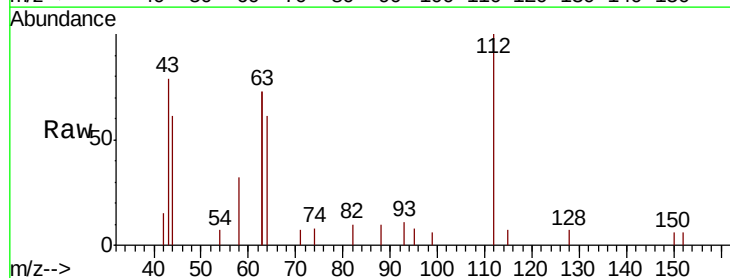
Tgt Ion:112 Resp: 1445

Ion Ratio Lower Upper

112 100

64 55.6 43.7 65.5

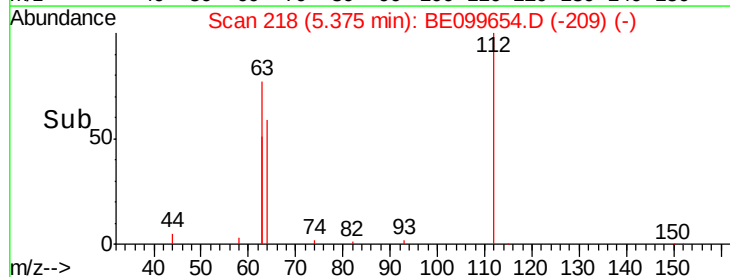
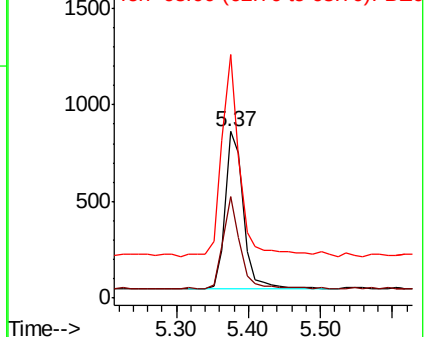
63 129.7 94.0 141.0

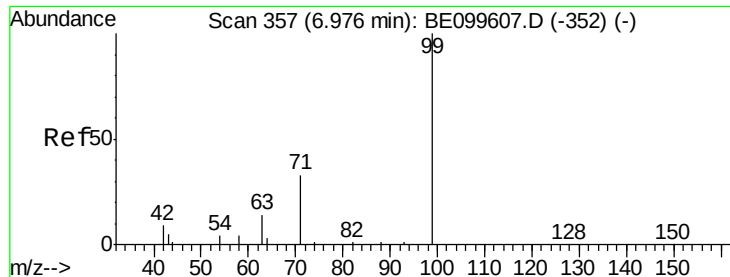


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.287 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099654.D

Acq: 17 May 2019 16:14

Instrument :

BNA_E

ClientSampleId :

FEBH-10

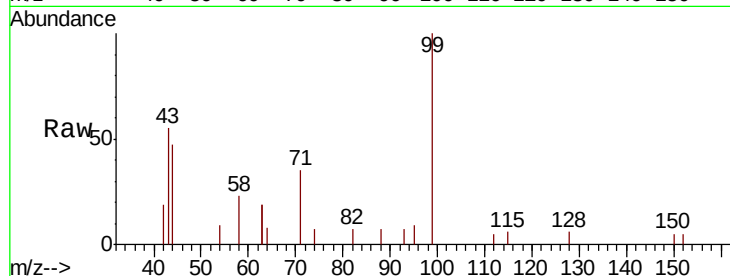
Tot Ion: 99 Resp: 1975

Ion Ratio Lower Upper

99 100

42 18.8 14.3 21.5

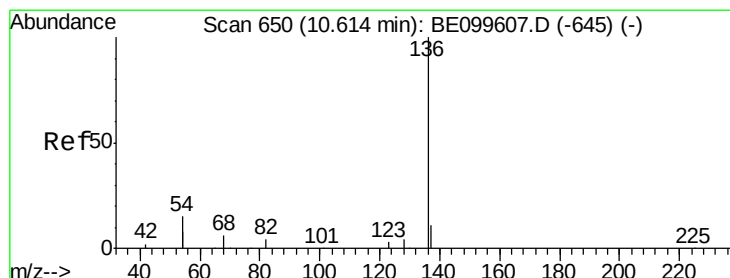
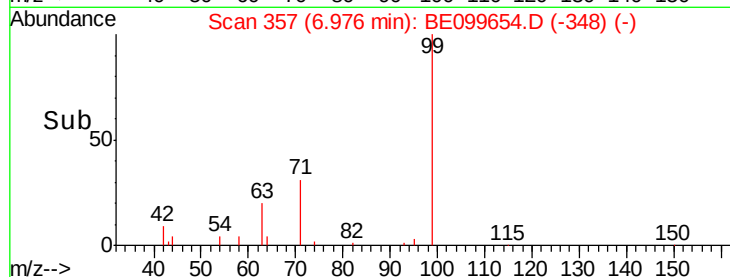
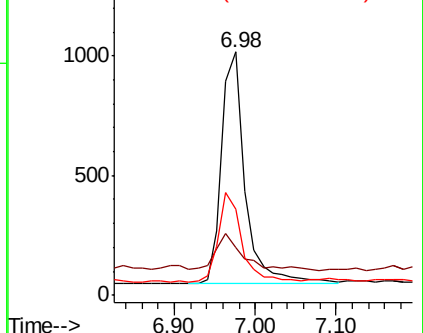
71 38.2 33.1 49.7



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: BE099654.D

Acq: 17 May 2019 16:14

Tgt Ion: 136 Resp: 6518

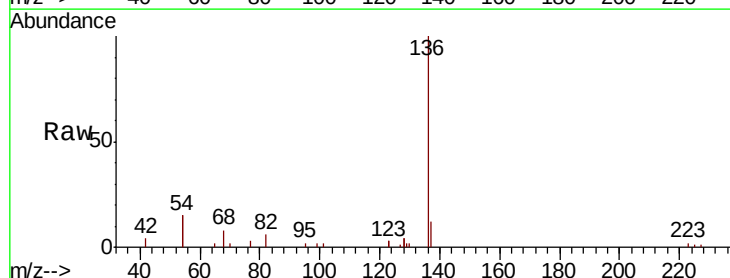
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 30.6 23.8 35.8

68 8.0 6.2 9.2

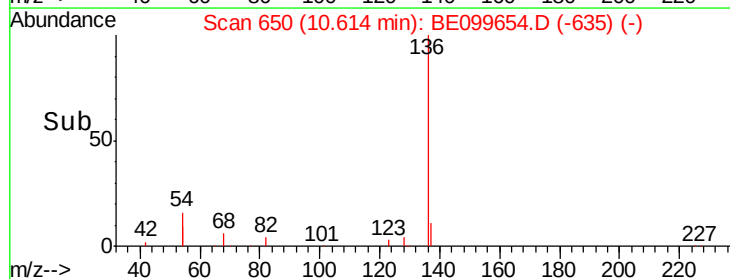
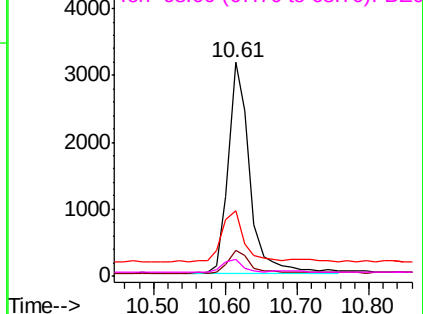


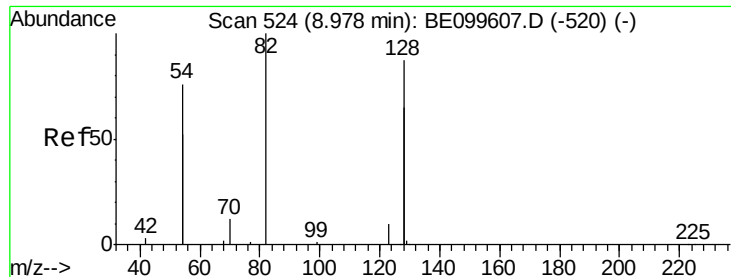
Abundance Ion 136.00 (135.70 to 136.70): E

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

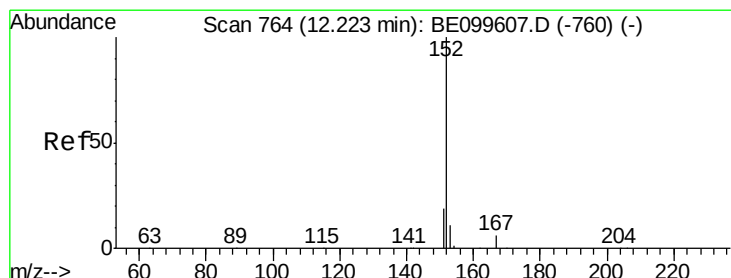
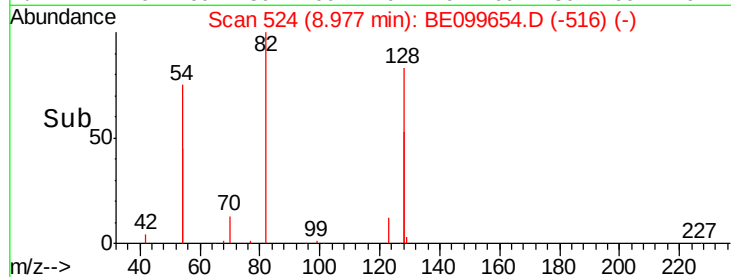
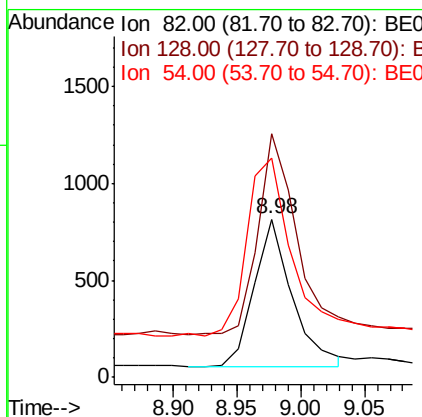
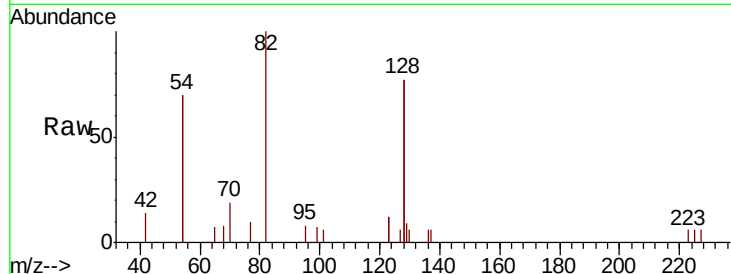




#8
 Nitrobenzene-d5
 Concen: 0.248 ng
 RT: 8.98 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BE099654.D
 Acq: 17 May 2019 16:14

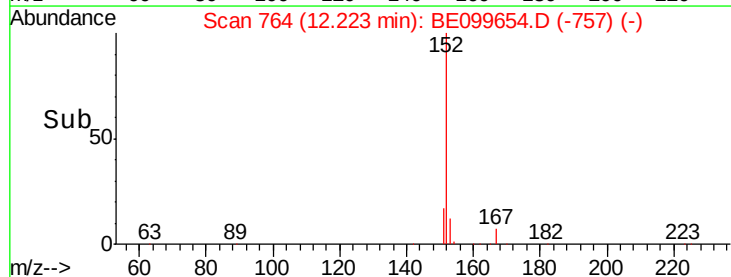
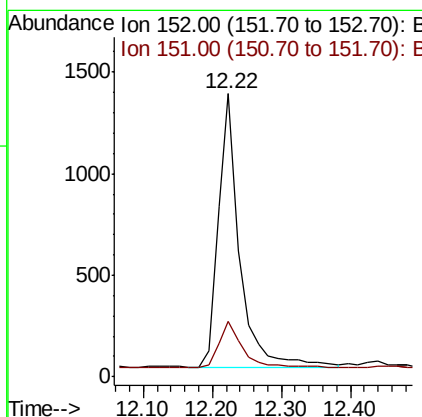
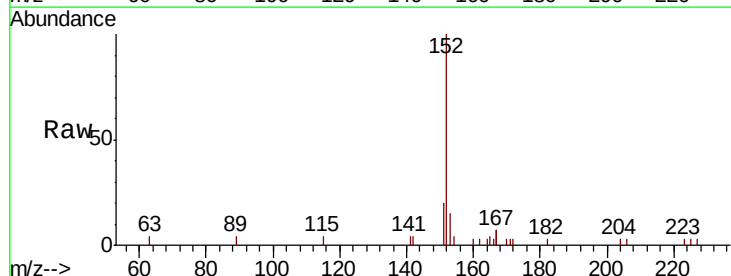
Instrument :
 BNA_E
 ClientSampleId :
 FEBH-10

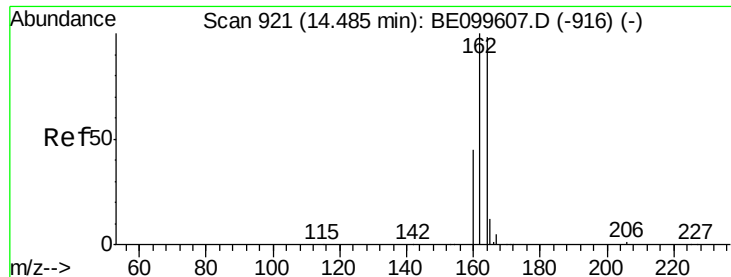
Tot Ion: 82 Resp: 1568
 Ion Ratio Lower Upper
 82 100
 128 154.3 131.4 197.2
 54 139.1 113.9 170.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.264 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099654.D
 Acq: 17 May 2019 16:14

Tgt Ion: 152 Resp: 2891
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.3 22.9

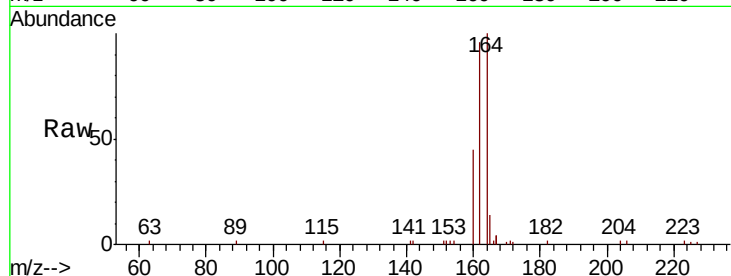




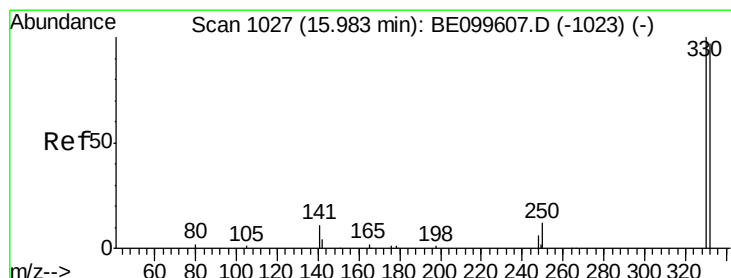
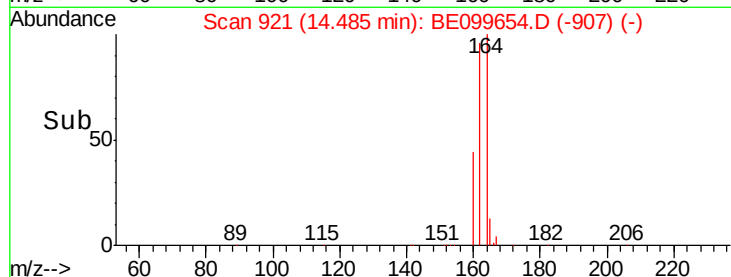
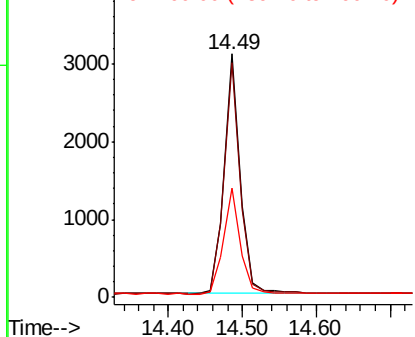
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099654.D
Acq: 17 May 2019 16:14

Instrument :
BNA_E
ClientSampleId :
FEBH-10

Tot Ion:164 Resp: 4685
Ion Ratio Lower Upper
164 100
162 96.2 81.4 122.0
160 45.1 37.4 56.2

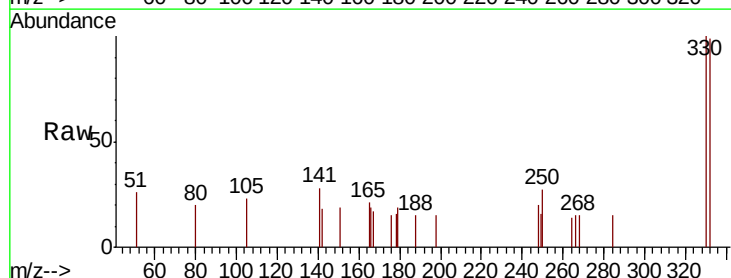


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

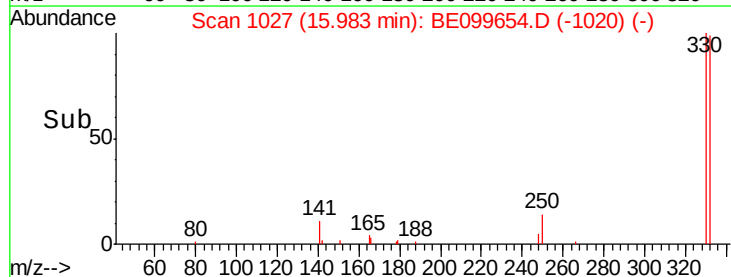
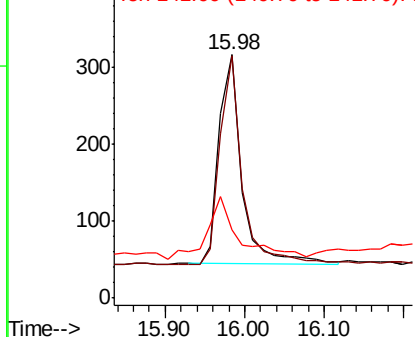


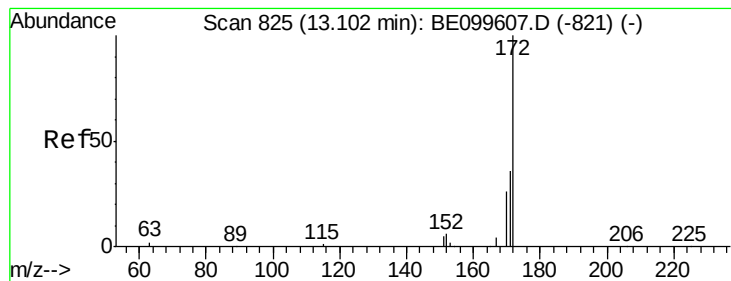
#14
2,4,6-Tribromophenol
Concen: 0.169 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099654.D
Acq: 17 May 2019 16:14

Tgt Ion:330 Resp: 541
Ion Ratio Lower Upper
330 100
332 97.6 73.8 110.8
141 33.6 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

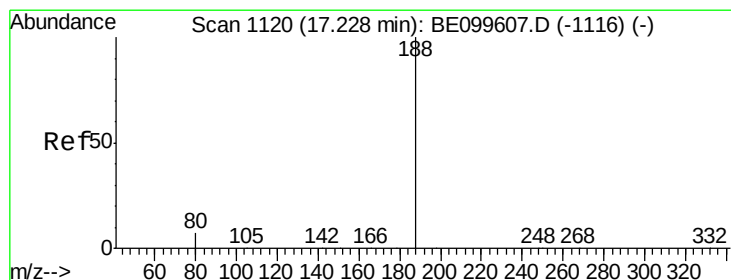
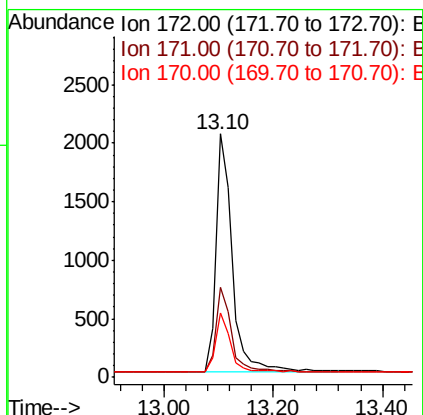
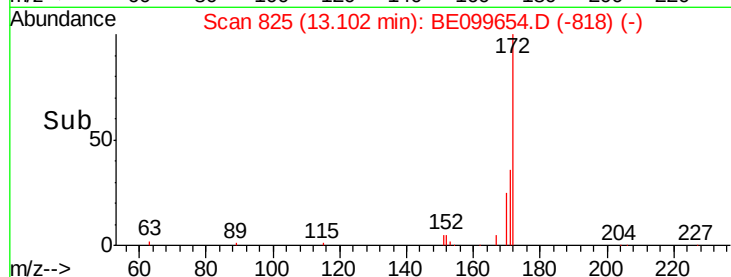
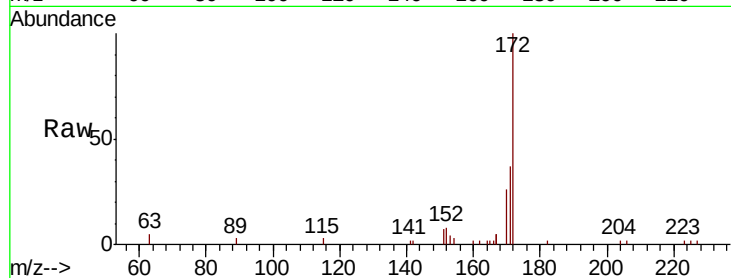




#15
 2-Fluorobiphenyl
 Concen: 0.239 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099654.D
 Acq: 17 May 2019 16:14

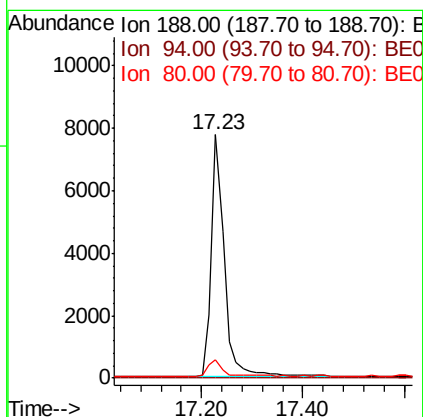
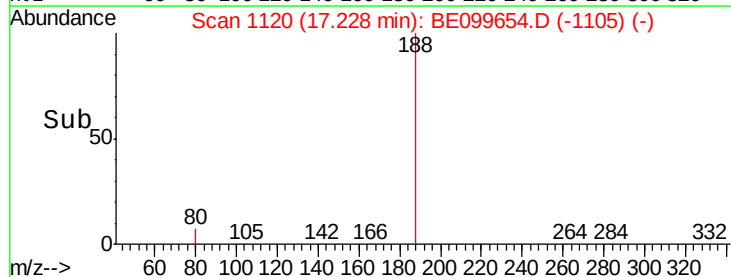
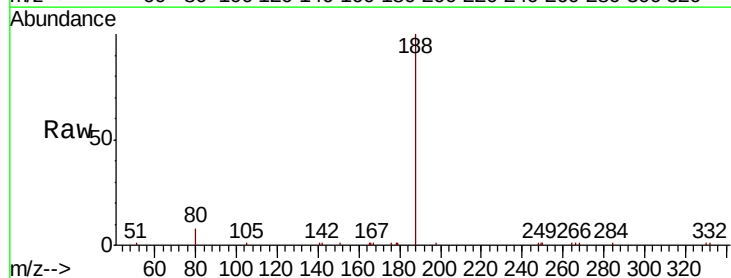
Instrument :
 BNA_E
 ClientSampled :
 FEBH-10

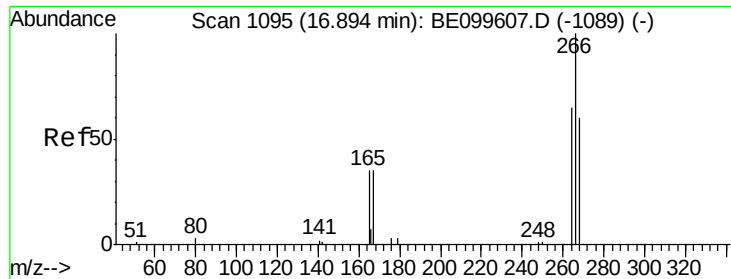
Tot Ion:172 Resp: 4315
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.2
 170 26.5 21.5 32.3



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE099654.D
 Acq: 17 May 2019 16:14

Tgt Ion:188 Resp: 13852
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.5 6.4 9.6

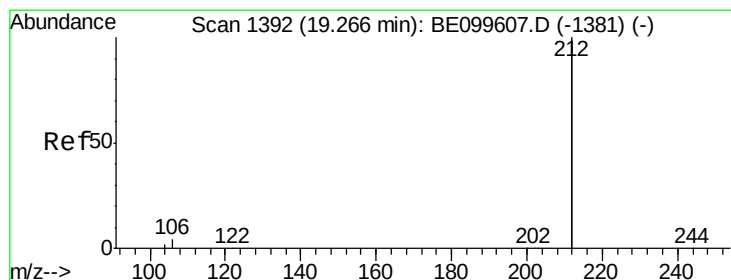
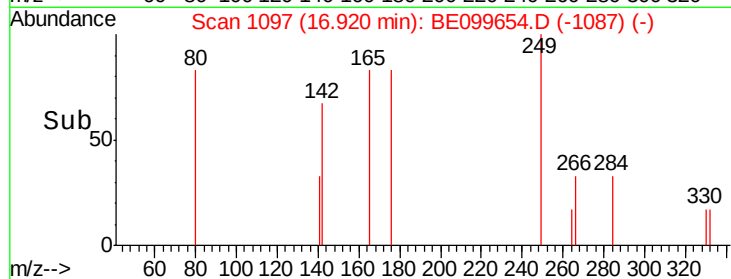
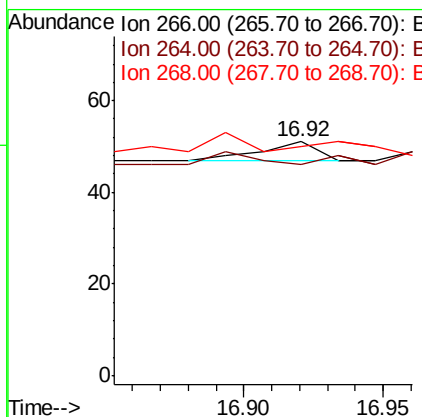
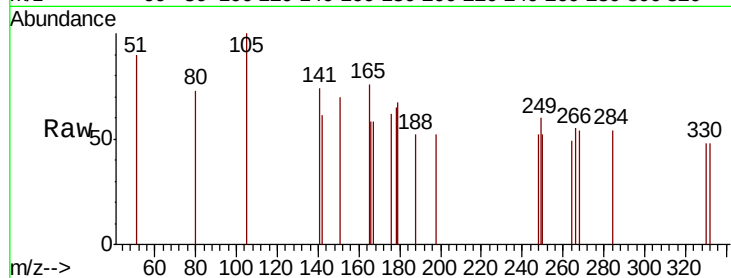




#22
 Pentachlorophenol
 Concen: 0.276 ng
 RT: 16.92 min Scan# 1097
 Delta R.T. 0.03 min
 Lab File: BE099654.D
 Acq: 17 May 2019 16:14

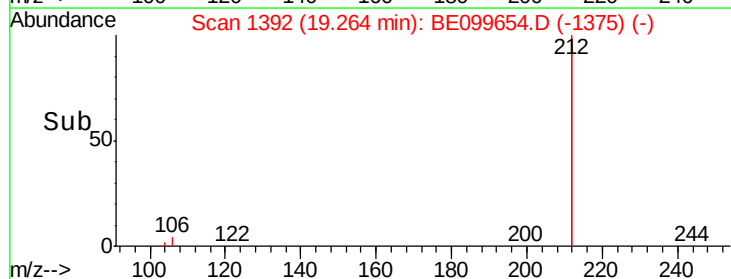
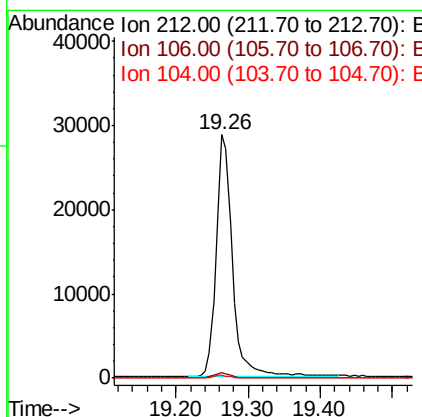
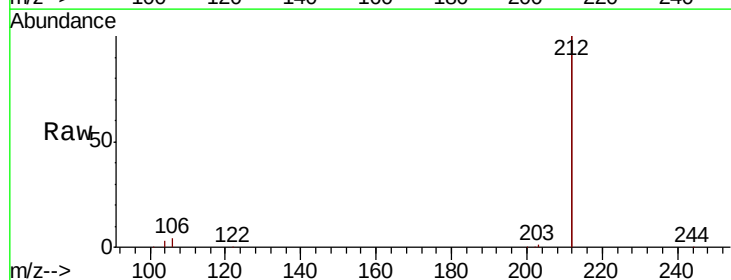
Instrument :
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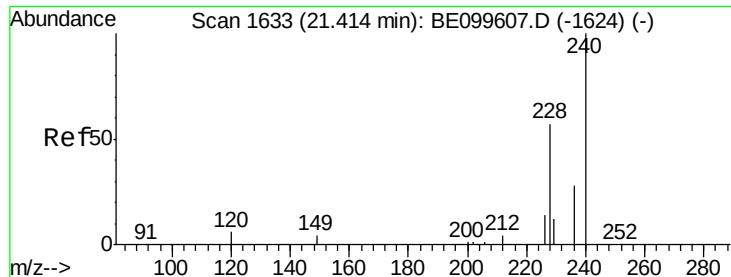
Tot Ion:266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 90.2 57.7 86.5#
 268 98.0 55.8 83.8#



#25
 Fluoranthene-d10
 Concen: 0.242 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BE099654.D
 Acq: 17 May 2019 16:14

Tgt Ion:212 Resp: 44634
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099654.D

Acq: 17 May 2019 16:14

Instrument :

BNA_E

ClientSampleId :

FEBH-10

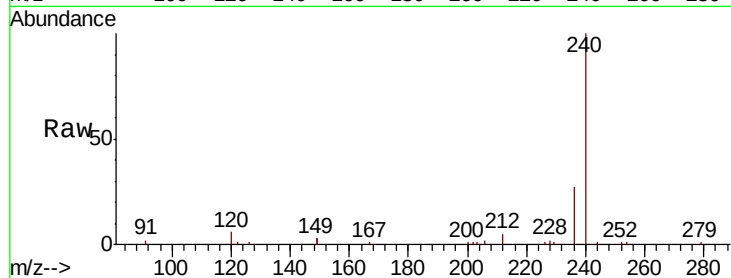
Tot Ion:240 Resp: 18739

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

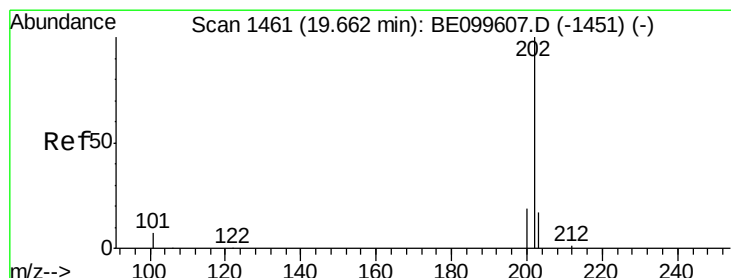
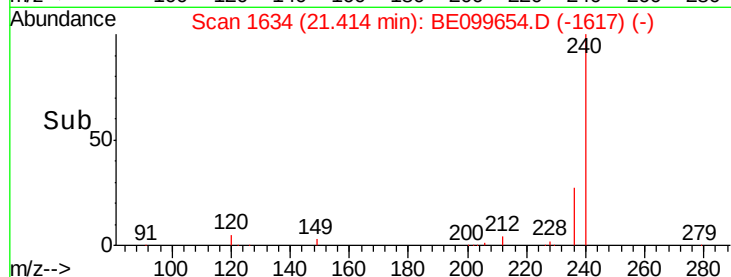
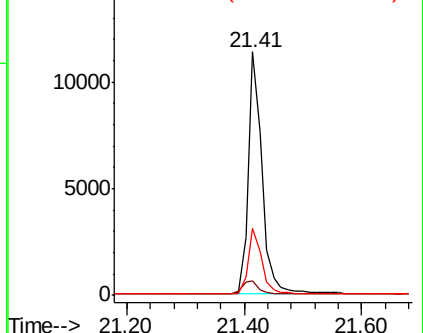
236 27.4 22.8 34.2



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: BE099654.D

Acq: 17 May 2019 16:14

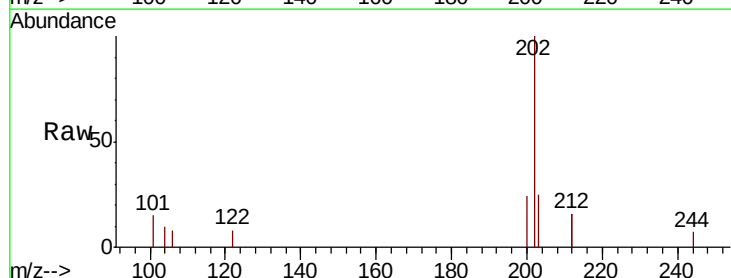
Tgt Ion:202 Resp: 1107

Ion Ratio Lower Upper

202 100

200 20.7 15.8 23.6

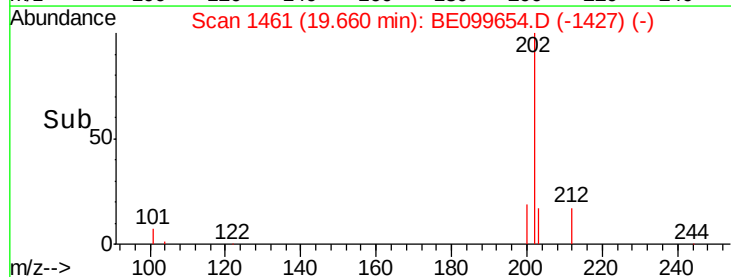
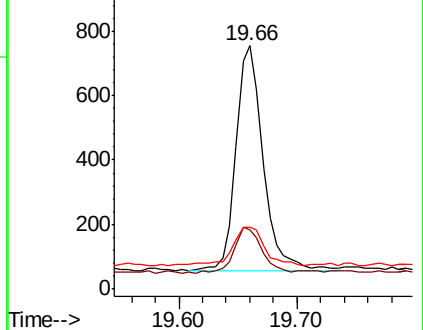
203 21.4 14.1 21.1#

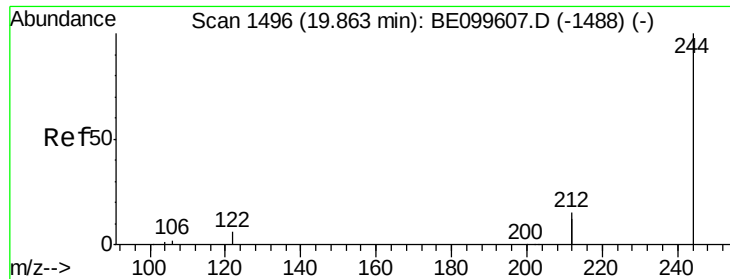


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.250 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099654.D

Acq: 17 May 2019 16:14

Instrument :

BNA_E

ClientSampleId :

FEBH-10

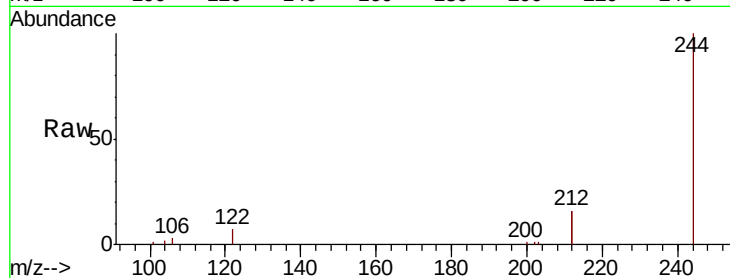
Tot Ion:244 Resp: 8426

Ion Ratio Lower Upper

244 100

212 31.5 23.8 35.6

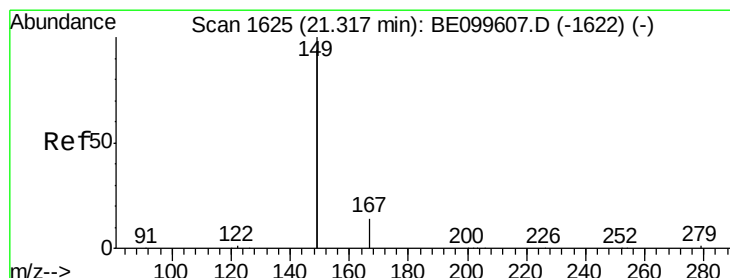
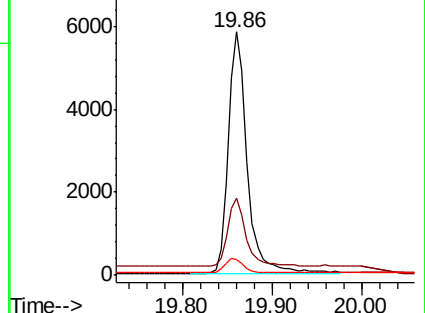
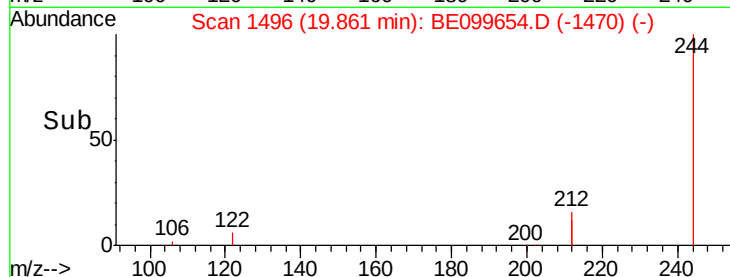
122 6.7 5.0 7.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.050 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099654.D

Acq: 17 May 2019 16:14

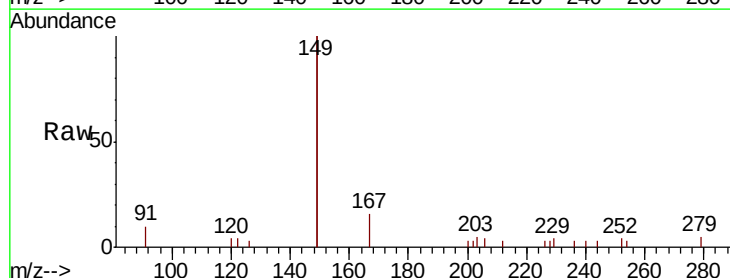
Tgt Ion:149 Resp: 4338

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

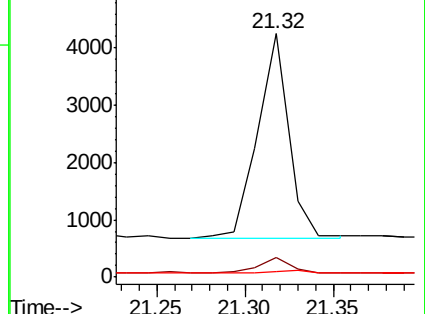
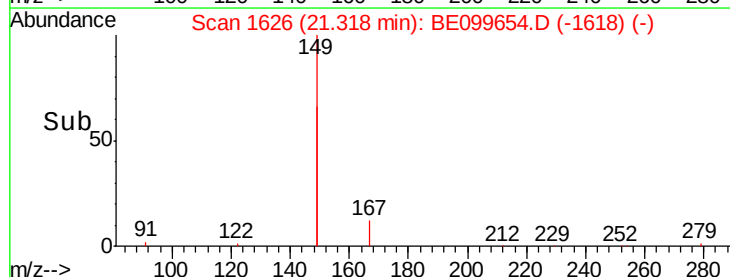
279 1.5 1.1 1.7

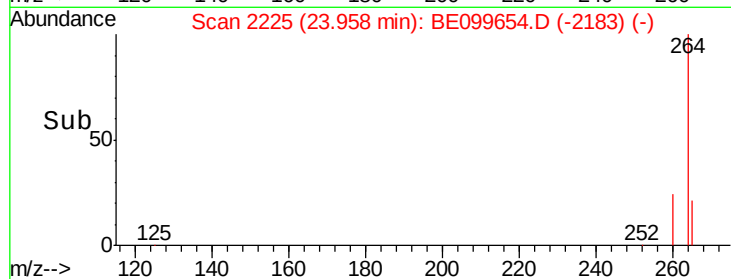
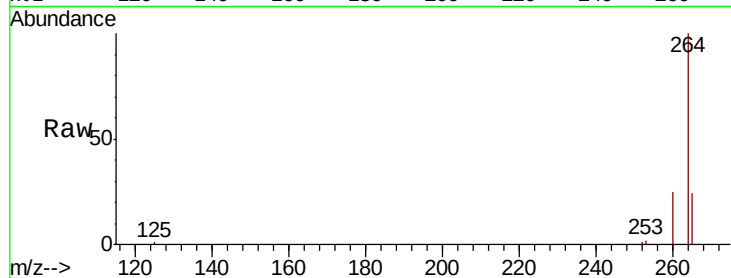
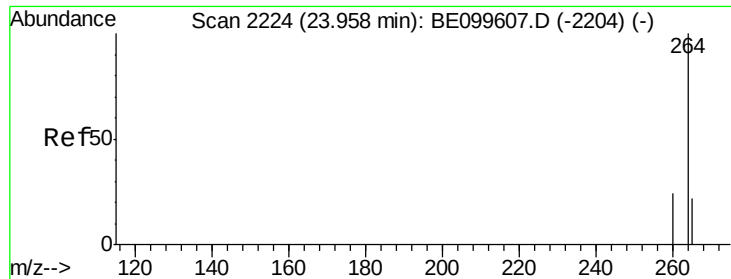


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.96 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BE099654.D

Acq: 17 May 2019 16:14

Instrument :

BNA_E

ClientSampleId :

FEBH-10

Tot Ion: 264 Resp: 23359

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 24.4 21.2 31.8

