

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099638.D
 Acq On : 17 May 2019 1:03
 Operator : JU/SJ
 Sample : K2845-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FEBH-03

Quant Time: May 17 07:05:06 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

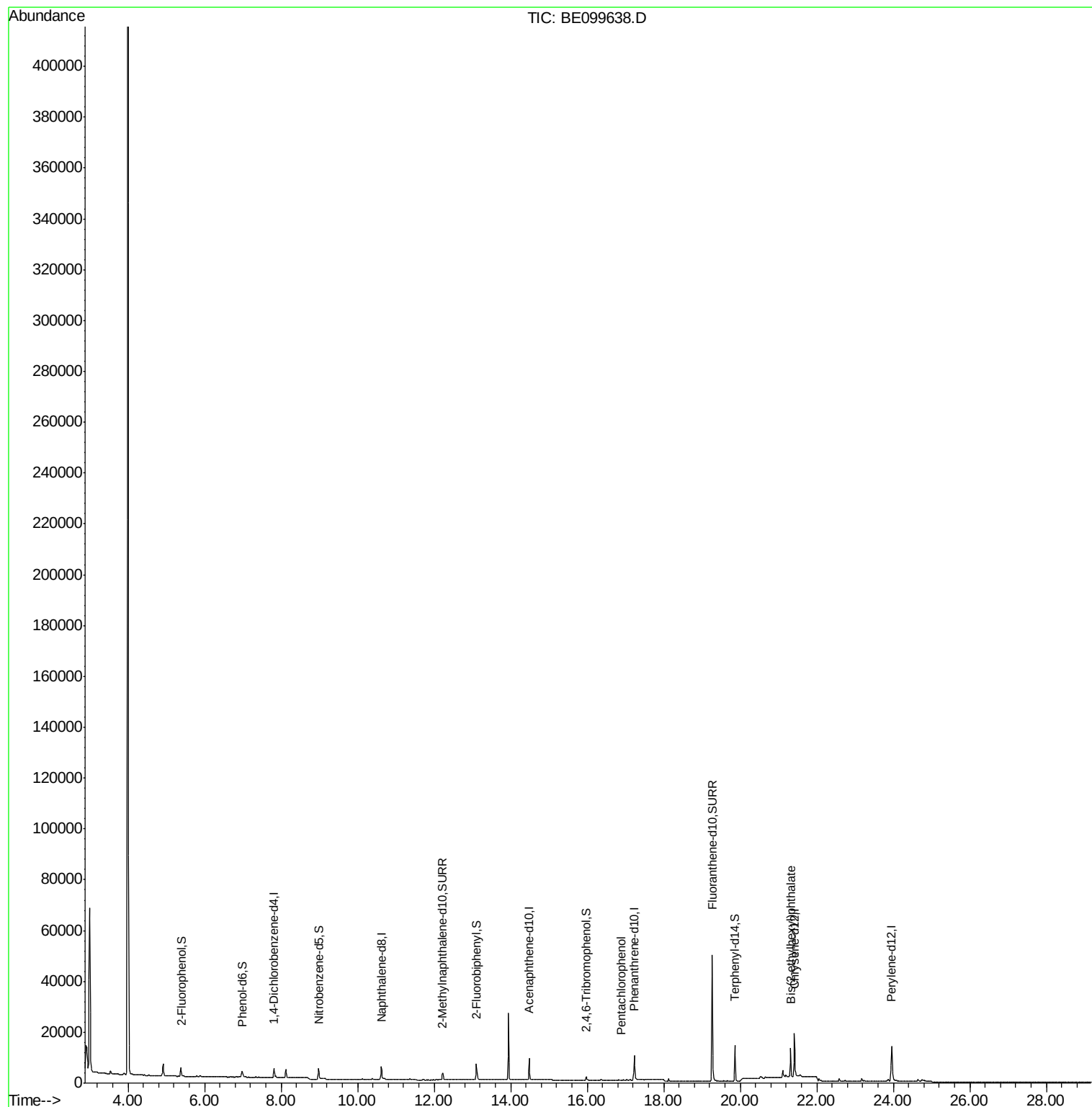
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2003	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	6832	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	5055	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	15257	0.40	ng	0.00
27) Chrysene-d12	21.42	240	19244	0.40	ng	0.00
34) Perylene-d12	23.96	264	21524	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2067	0.36	ng	0.01
5) Phenol-d6	6.98	99	2758	0.38	ng	0.00
8) Nitrobenzene-d5	8.98	82	2247	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.23	152	4349	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1064	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	6651	0.34	ng	0.00
25) Fluoranthene-d10	19.27	212	70973	0.35	ng	0.00
29) Terphenyl-d14	19.86	244	14082	0.41	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.89	266	47	0.284	ng	Qvalue # 76
32) Bis(2-ethylhexyl)phthalate	21.32	149	12777	0.142	ng	100

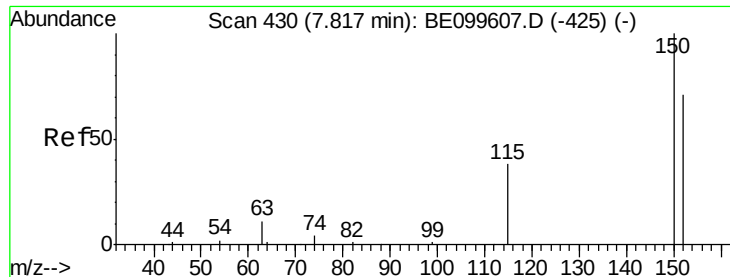
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099638.D

Acq: 17 May 2019 1:03

Instrument :

BNA_E

ClientSampleId :

FEBH-03

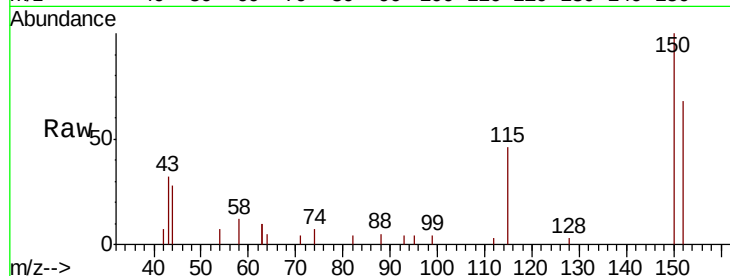
Tgt Ion:152 Resp: 2003

Ion Ratio Lower Upper

152 100

150 147.1 110.1 165.1

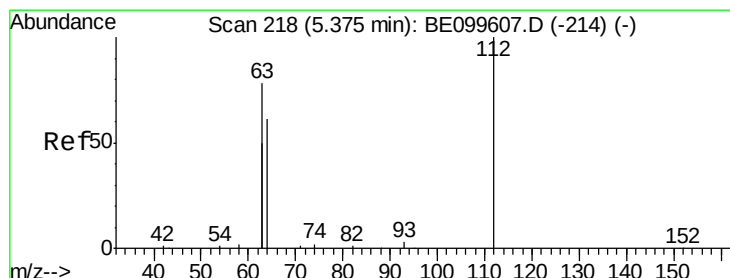
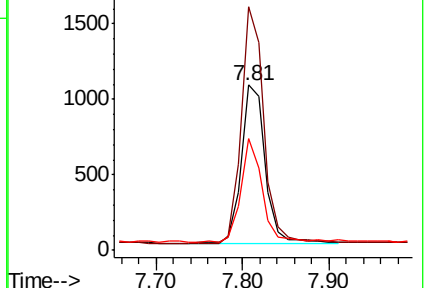
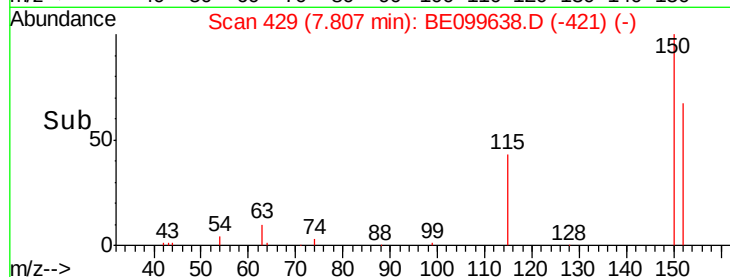
115 67.3 46.2 69.4



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: 0.364 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099638.D

Acq: 17 May 2019 1:03

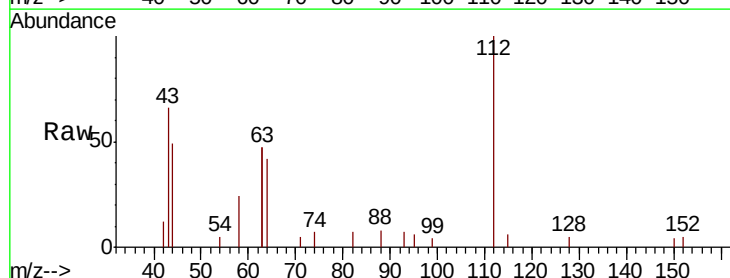
Tgt Ion:112 Resp: 2067

Ion Ratio Lower Upper

112 100

64 54.0 43.7 65.5

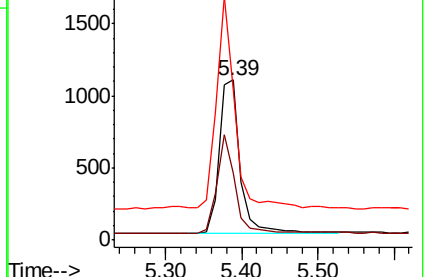
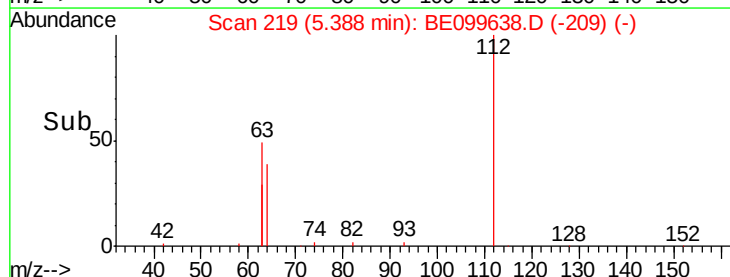
63 116.0 94.0 141.0

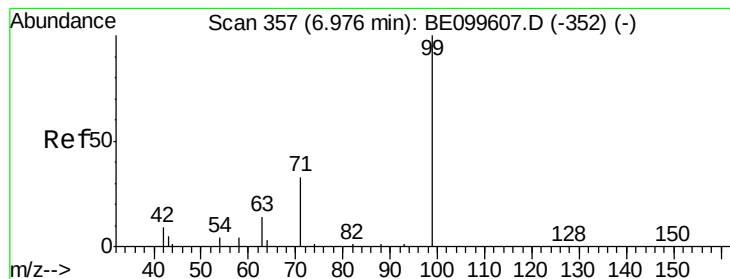


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.383 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099638.D

Acq: 17 May 2019 1:03

Instrument :

BNA_E

ClientSampleId :

FEBH-03

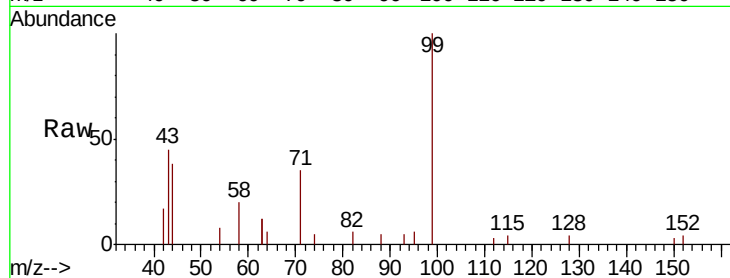
Tgt Ion: 99 Resp: 2758

Ion Ratio Lower Upper

99 100

42 15.5 14.3 21.5

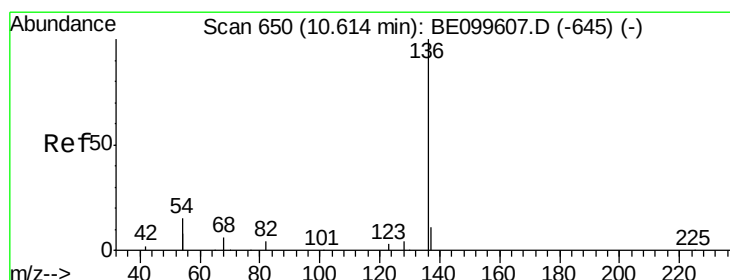
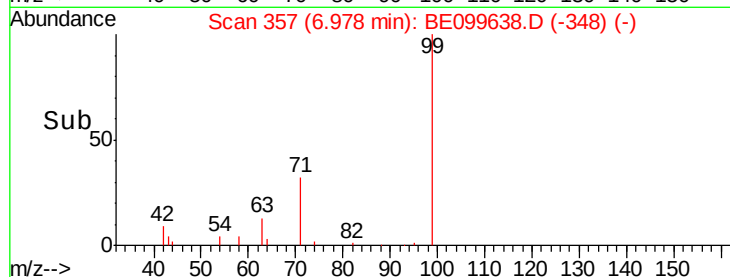
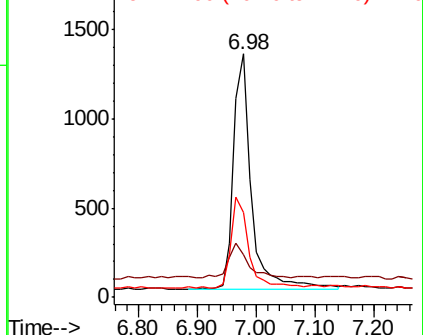
71 38.3 33.1 49.7



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: BE099638.D

Acq: 17 May 2019 1:03

Tgt Ion: 136 Resp: 6832

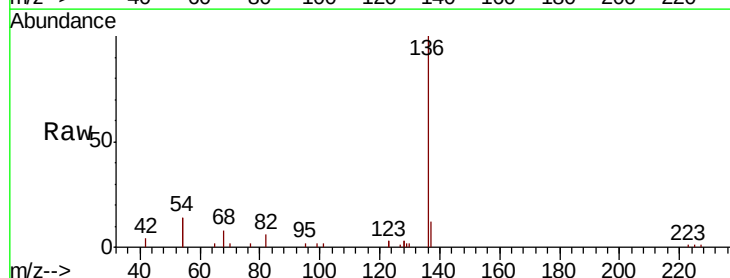
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 28.7 23.8 35.8

68 7.7 6.2 9.2

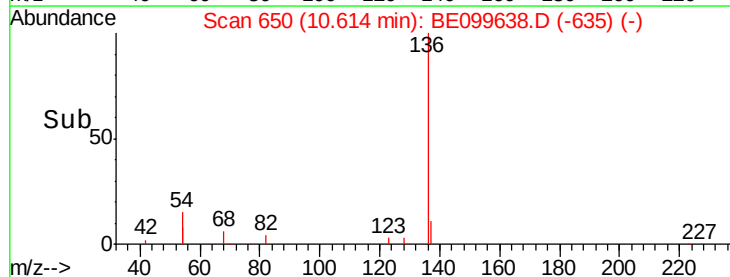
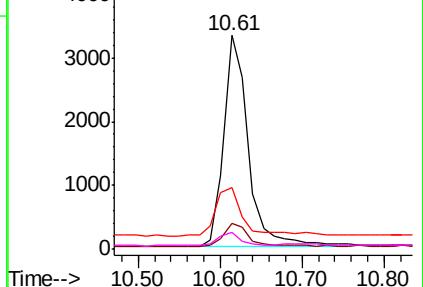


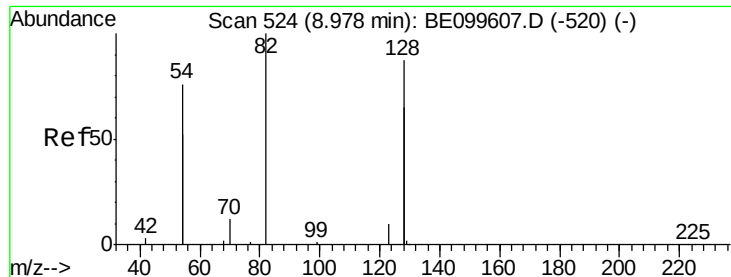
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.340 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099638.D

Acq: 17 May 2019 1:03

Instrument :

BNA_E

ClientSampleId :

FEBH-03

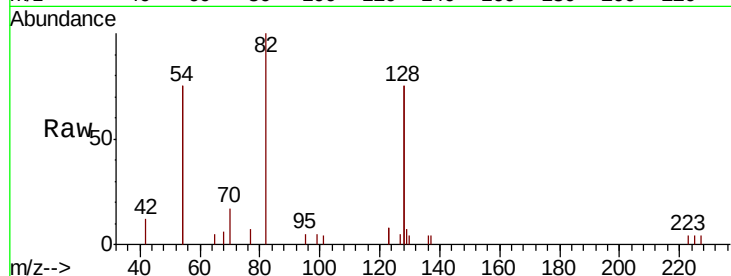
Tgt Ion: 82 Resp: 2247

Ion Ratio Lower Upper

82 100

128 151.0 131.4 197.2

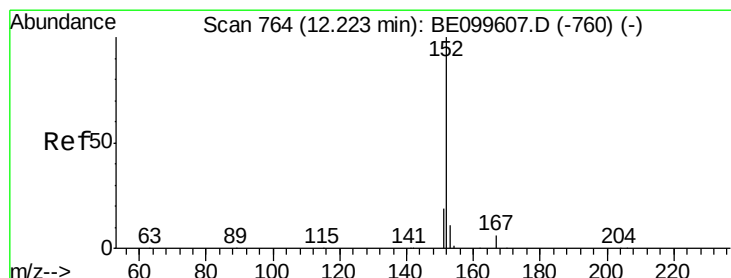
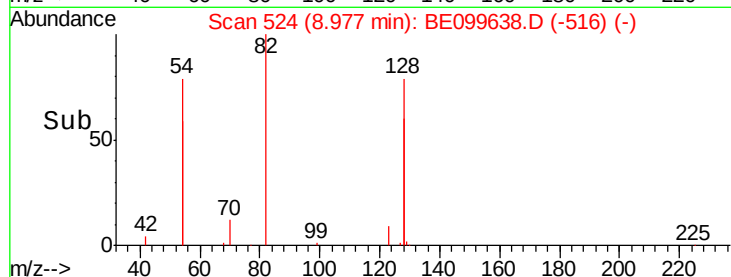
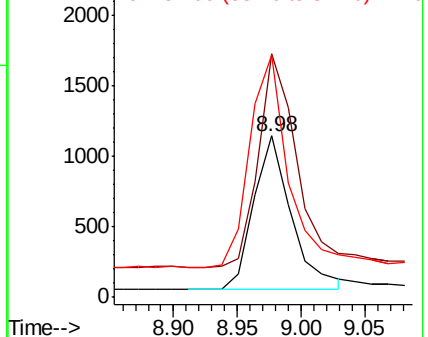
54 150.1 113.9 170.9



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: 0.378 ng

RT: 12.23 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099638.D

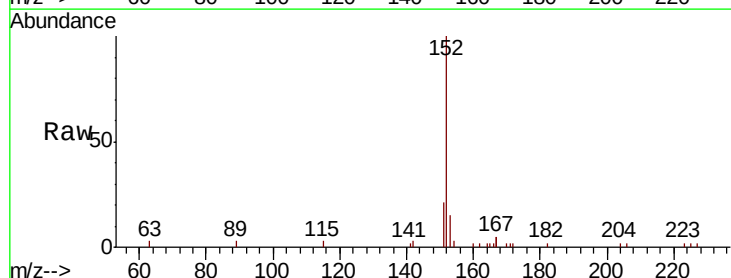
Acq: 17 May 2019 1:03

Tgt Ion: 152 Resp: 4349

Ion Ratio Lower Upper

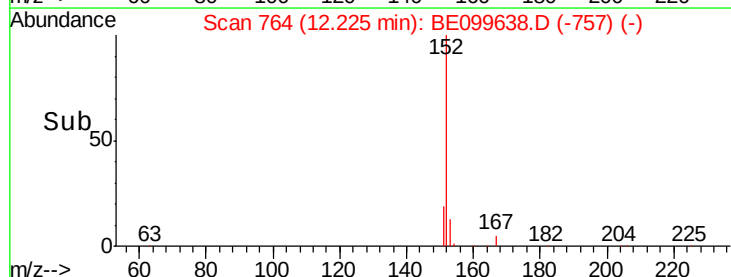
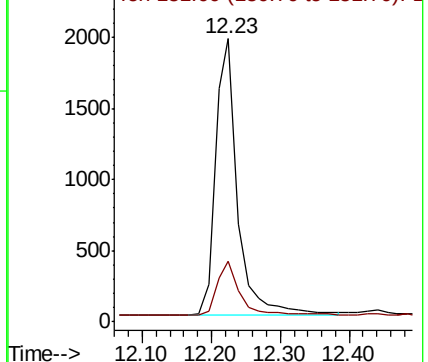
152 100

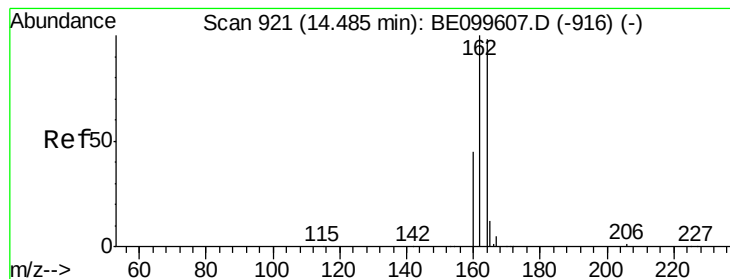
151 19.4 15.3 22.9



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: BE099638.D

Acq: 17 May 2019 1:03

Instrument :

BNA_E

ClientSampleId :

FEBH-03

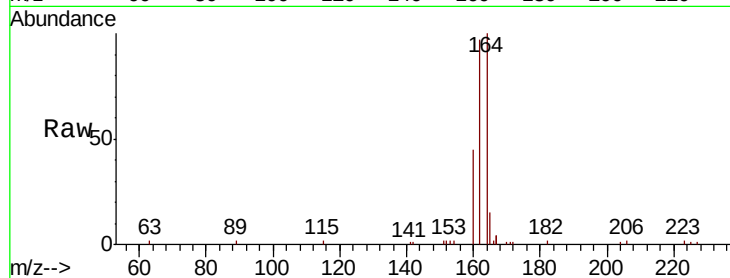
Tgt Ion:164 Resp: 5055

Ion Ratio Lower Upper

164 100

162 97.2 81.4 122.0

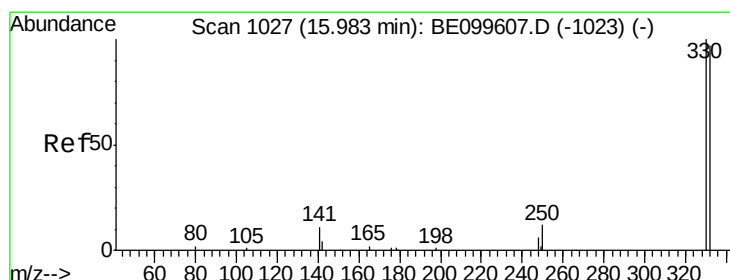
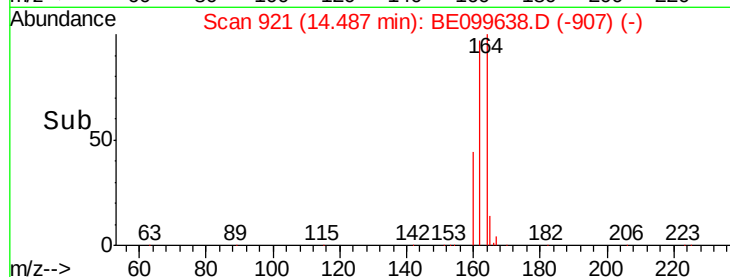
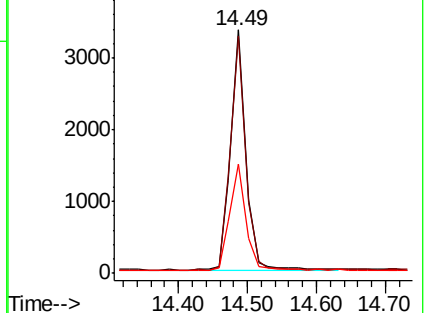
160 44.6 37.4 56.2



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: 0.308 ng

RT: 15.98 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE099638.D

Acq: 17 May 2019 1:03

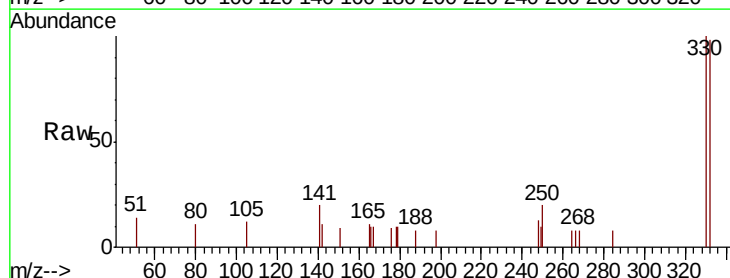
Tgt Ion:330 Resp: 1064

Ion Ratio Lower Upper

330 100

332 96.7 73.8 110.8

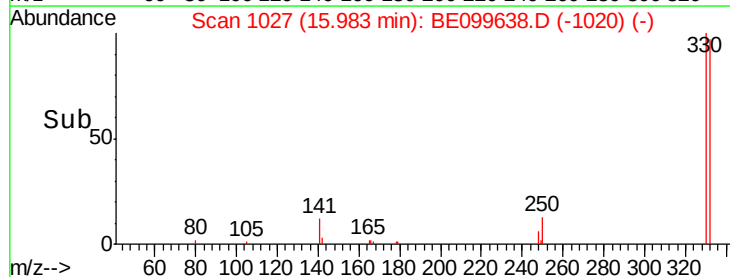
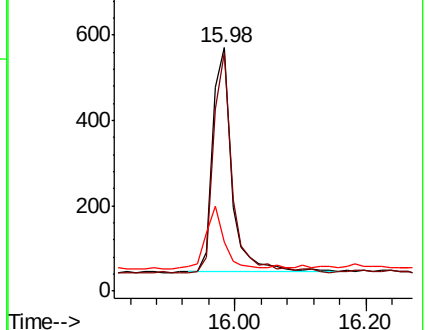
141 25.1 21.0 31.6

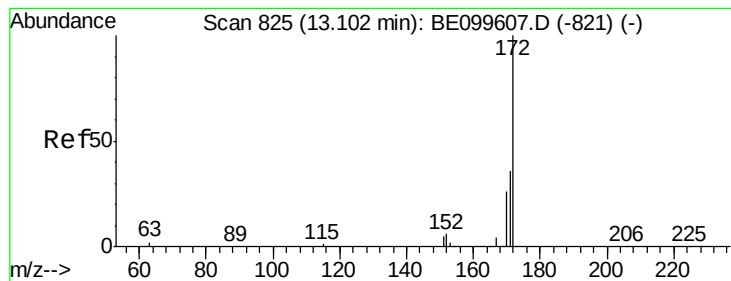


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.342 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099638.D

Acq: 17 May 2019 1:03

Instrument :

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FEBH-03

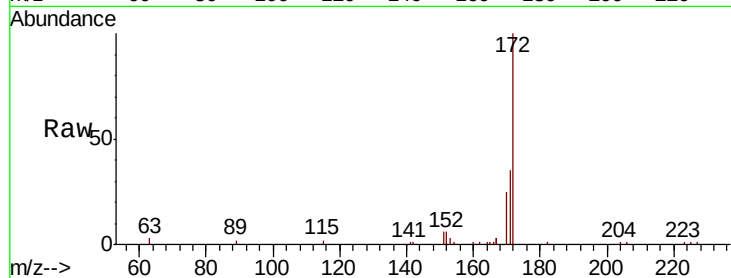
Tgt Ion:172 Resp: 6651

Ion Ratio Lower Upper

172 100

171 35.2 29.4 44.2

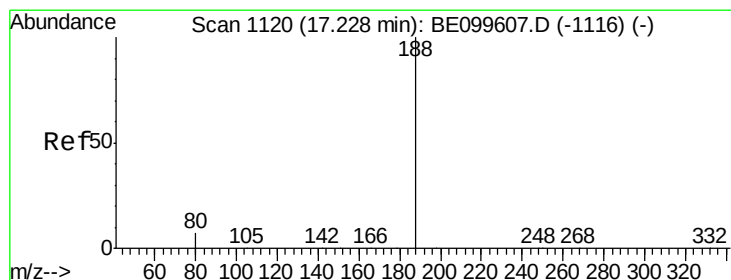
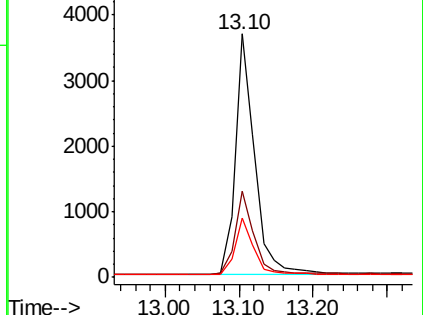
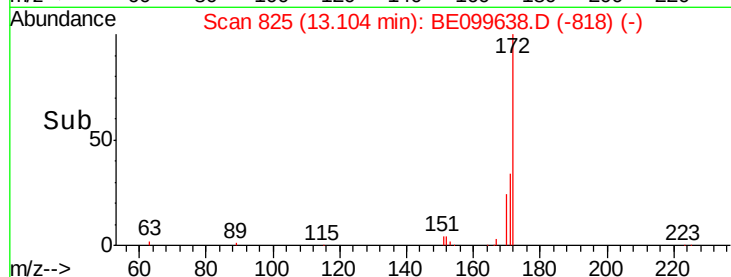
170 24.6 21.5 32.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099638.D

Acq: 17 May 2019 1:03

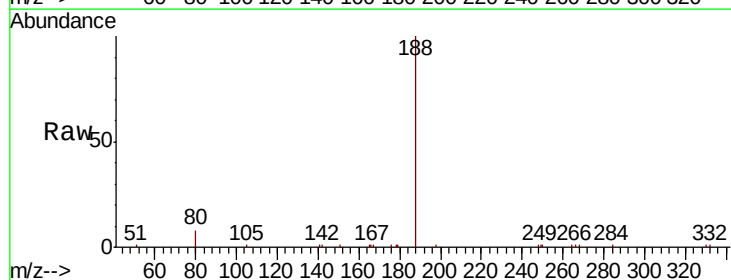
Tgt Ion:188 Resp: 15257

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

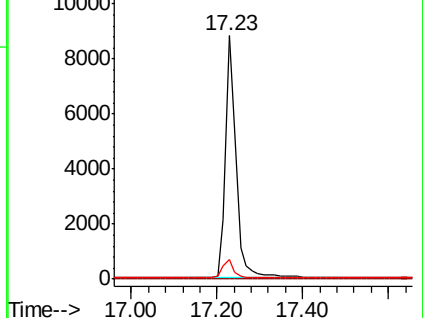
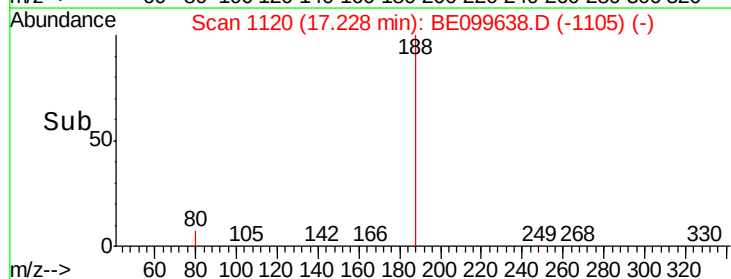
80 8.2 6.4 9.6

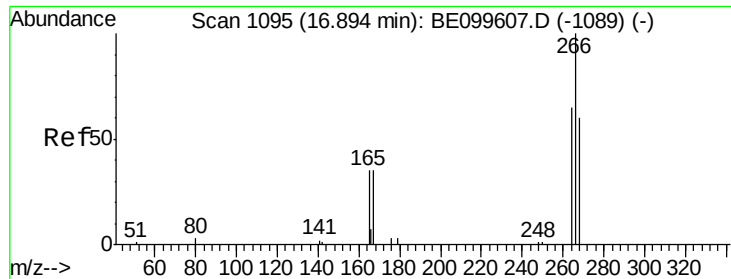


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.284 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099638.D

Acq: 17 May 2019 1:03

Instrument :

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FEBH-03

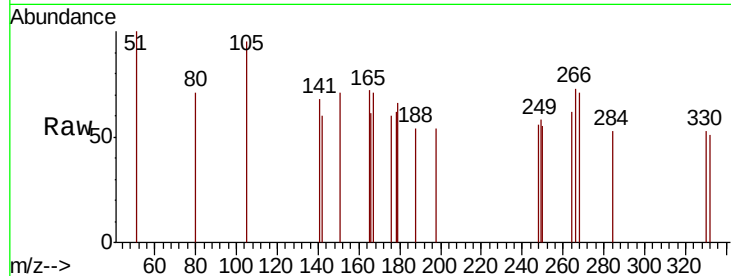
Tgt Ion:266 Resp: 47

Ion Ratio Lower Upper

266 100

264 85.5 57.7 86.5

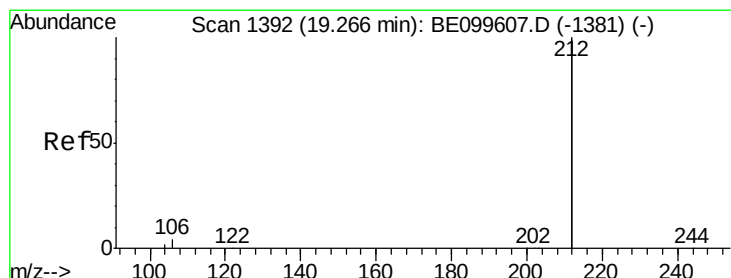
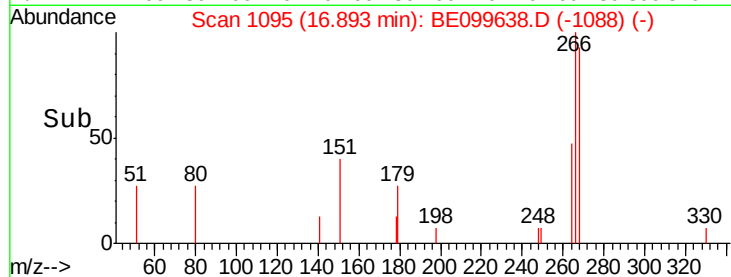
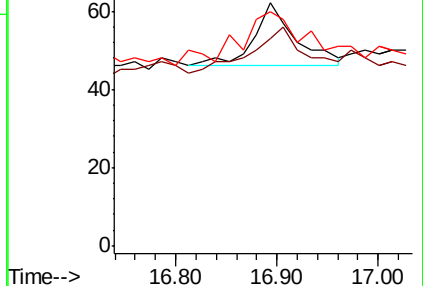
268 96.8 55.8 83.8#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099638.D

Acq: 17 May 2019 1:03

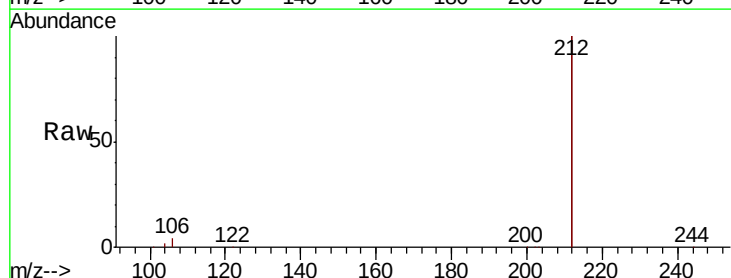
Tgt Ion:212 Resp: 70973

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

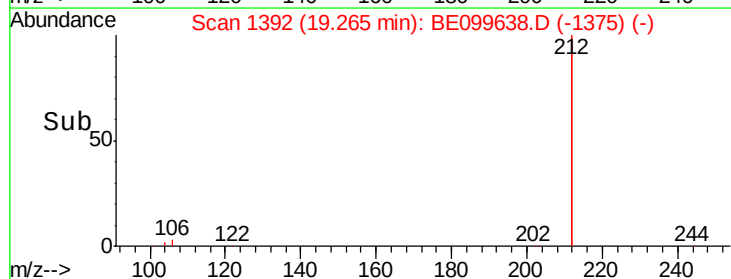
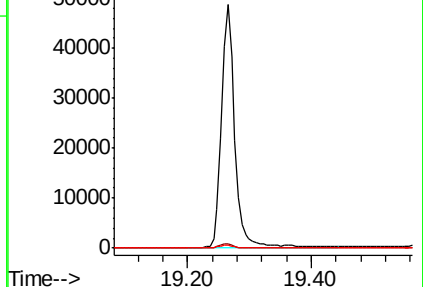
104 1.1 0.9 1.3

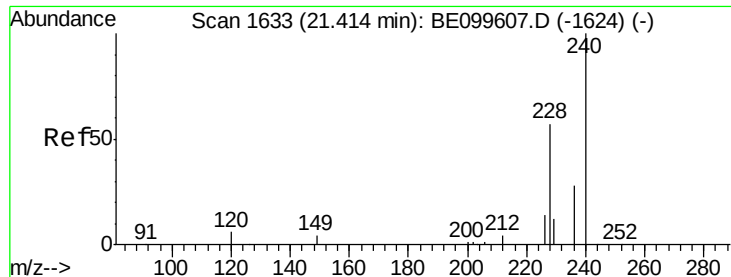


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099638.D

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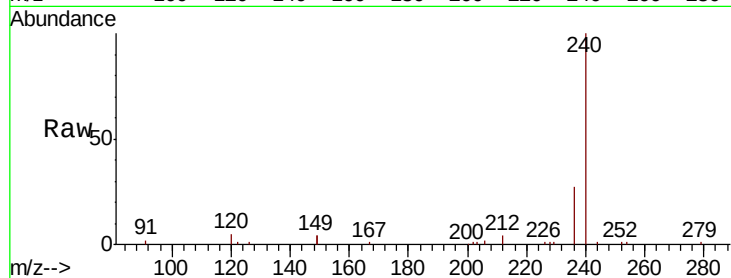
Tgt Ion:240 Resp: 19244

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

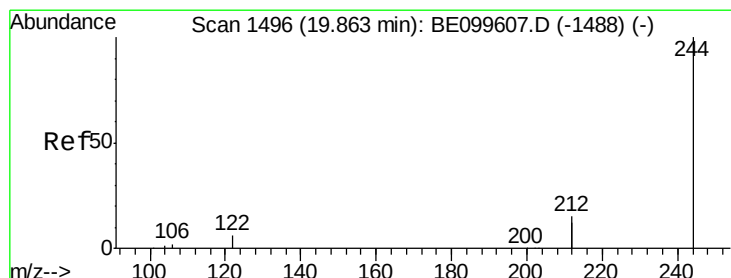
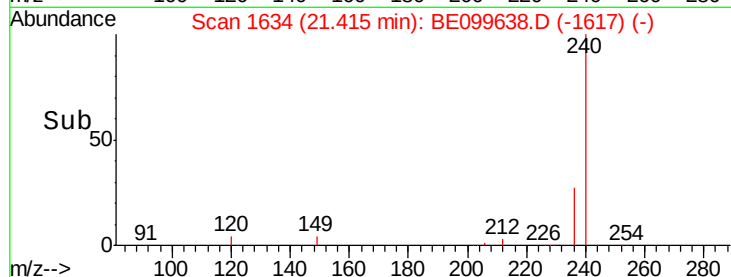
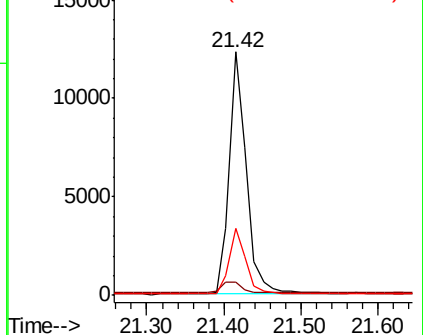
236 27.3 22.8 34.2



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



#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099638.D

Acq: 17 May 2019 1:03

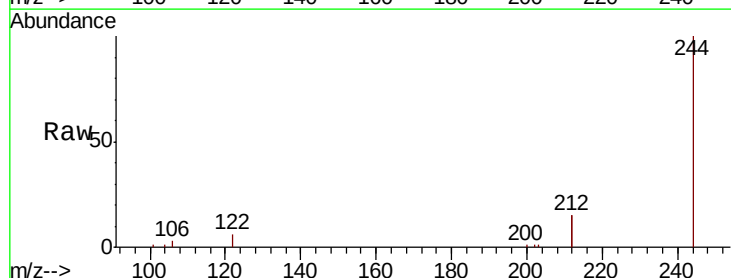
Tgt Ion:244 Resp: 14082

Ion Ratio Lower Upper

244 100

212 29.2 23.8 35.6

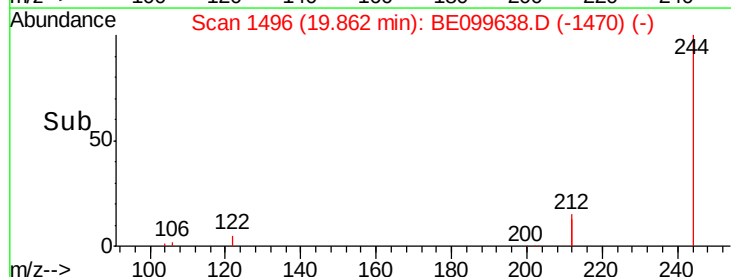
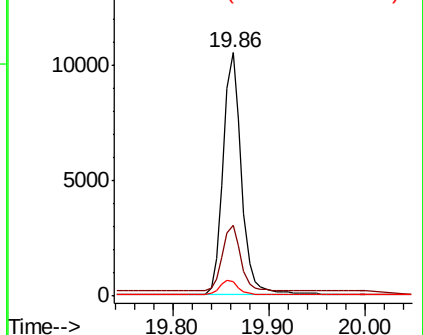
122 6.0 5.0 7.6

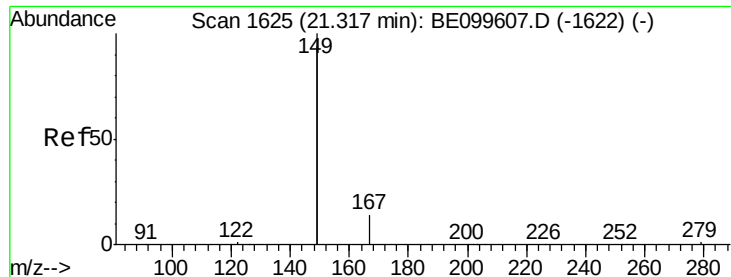


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

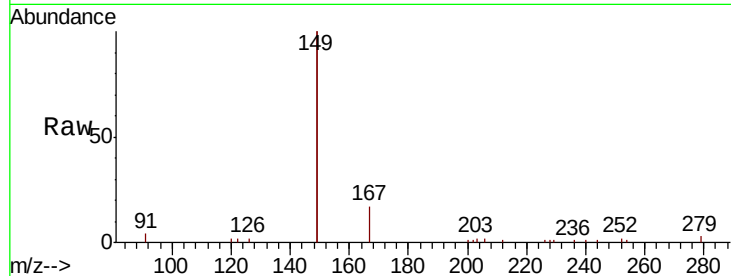




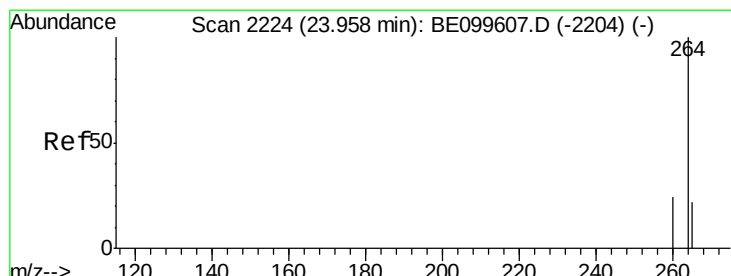
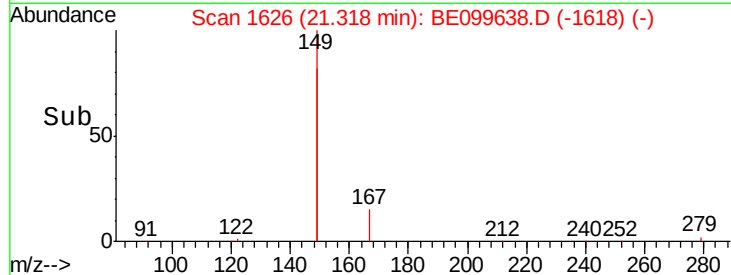
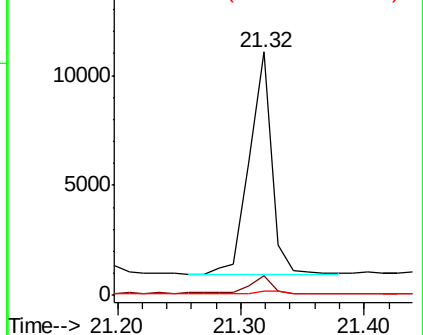
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.142 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BE099638.D
 Acq: 17 May 2019 1:03

Instrument :
 BNA_E
 ClientSampleId :
 FEBH-03

Tgt Ion:149 Resp: 12777
 Ion Ratio Lower Upper
 149 100
 167 7.7 6.0 9.0
 279 1.5 1.1 1.7

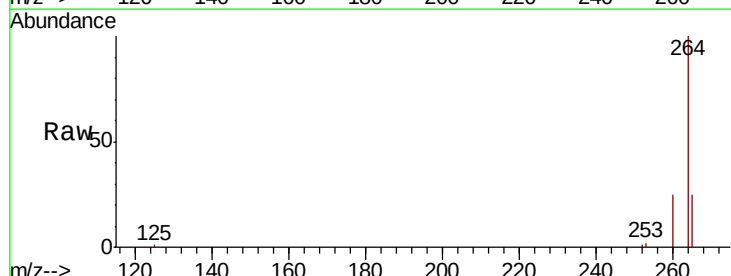


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BE099638.D
 Acq: 17 May 2019 1:03

Tgt Ion:264 Resp: 21524
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 24.7 21.2 31.8



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

