

Data File : BE099704.D
Acq On : 22 May 2019 00:09
Operator : JU/SJ
Sample : K2906-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FESB-09(4-4.5)

Quant Time: May 22 08:19:00 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	7.80	152	1505	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	5278	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3815	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11372	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15972	0.40	ng	0.00
34) Perylene-d12	23.96	264	18708	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1136	0.30	ng	0.00
5) Phenol-d6	6.98	99	1596	0.32	ng	0.00
8) Nitrobenzene-d5	8.98	82	1210	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2566	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	635	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4016	0.28	ng	0.00
25) Fluoranthene-d10	19.26	212	40963	0.26	ng	0.00
29) Terphenyl-d14	19.86	244	8465	0.30	ng	-0.01

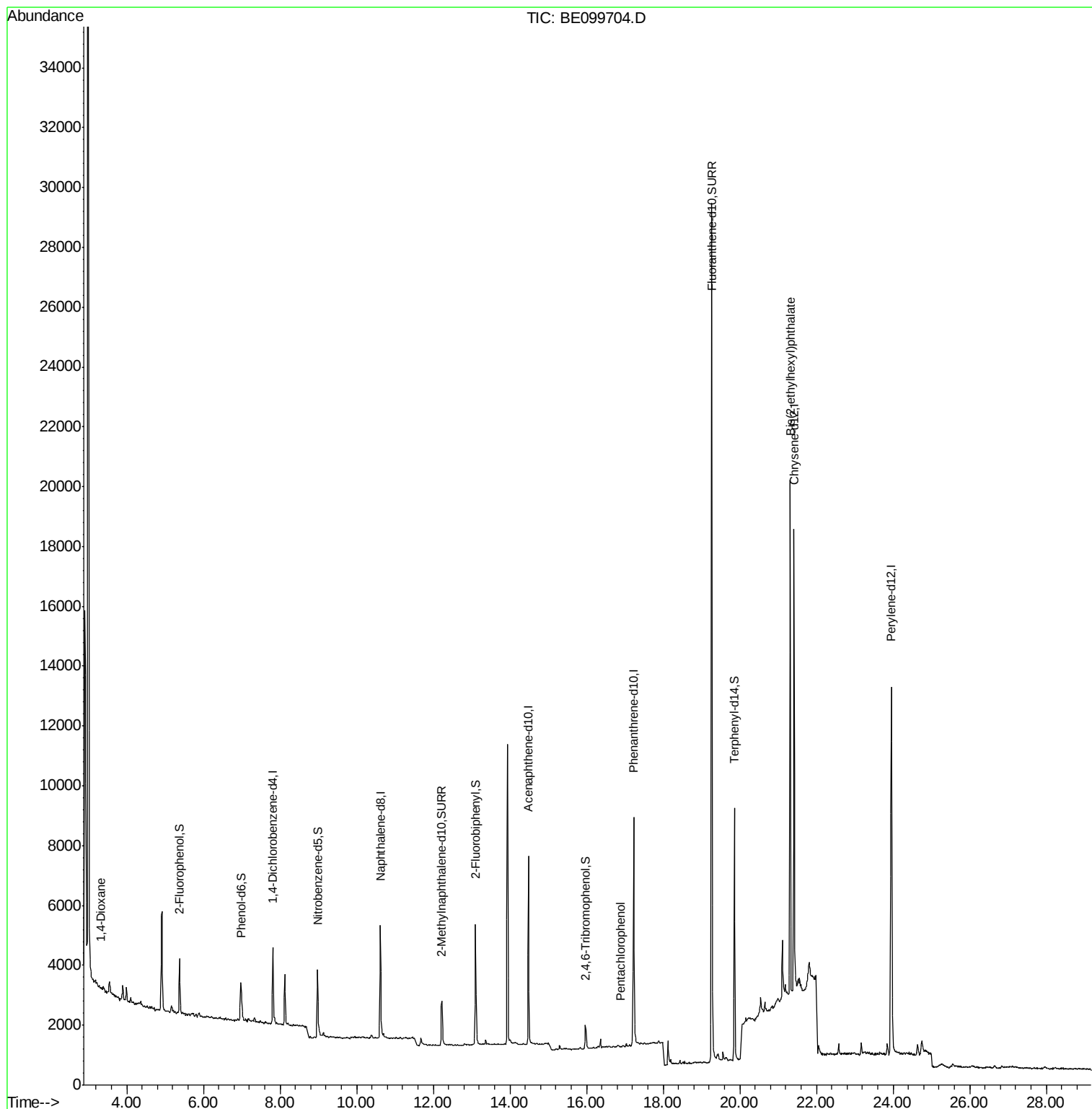
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	73	0.033	ng	# 34
22) Pentachlorophenol	16.88	266	11	0.186	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.32	149	21188	0.405	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

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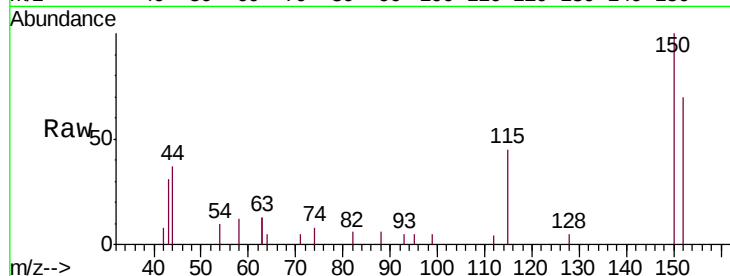
Tgt Ion:152 Resp: 1505

Ion Ratio Lower Upper

152 100

150 142.1 109.2 163.8

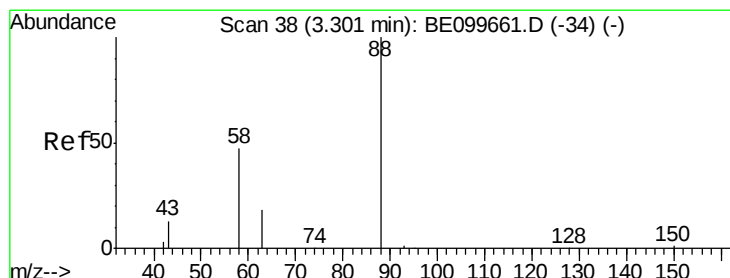
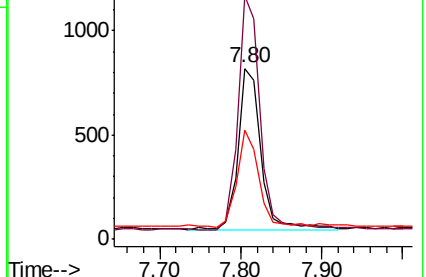
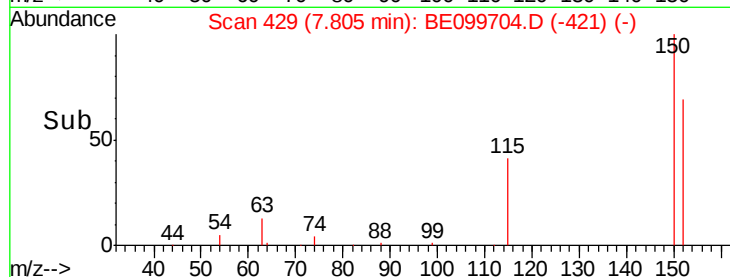
115 63.9 43.7 65.5



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



#2

1,4-Dioxane

Concen: 0.033 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.01 min

Lab File: BE099704.D

Acq: 22 May 2019 00:09

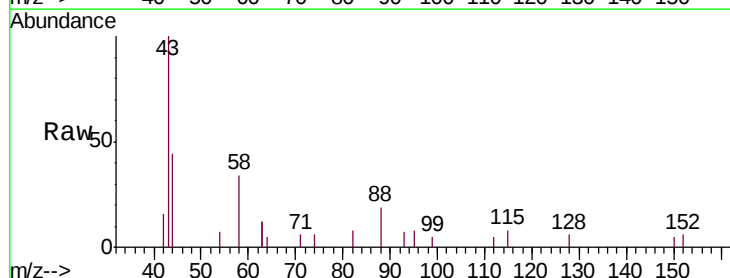
Tgt Ion: 88 Resp: 73

Ion Ratio Lower Upper

88 100

58 0.0 41.8 62.8#

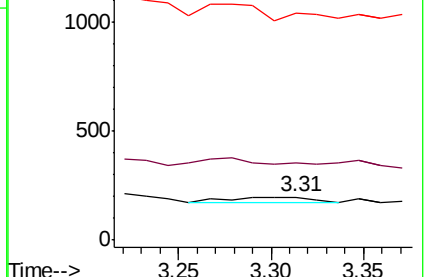
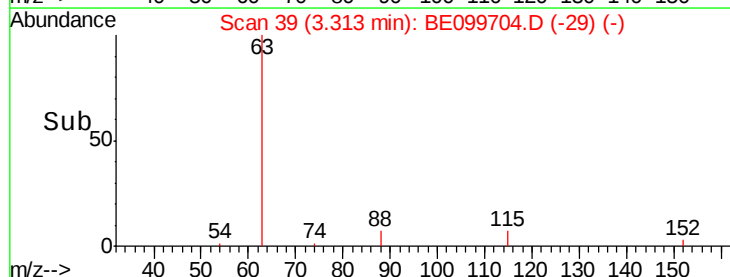
43 0.0 15.0 22.4#

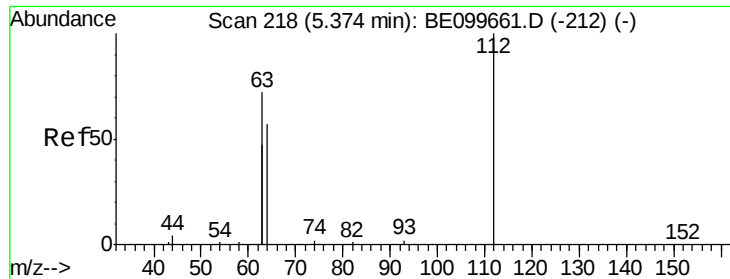


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.299 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

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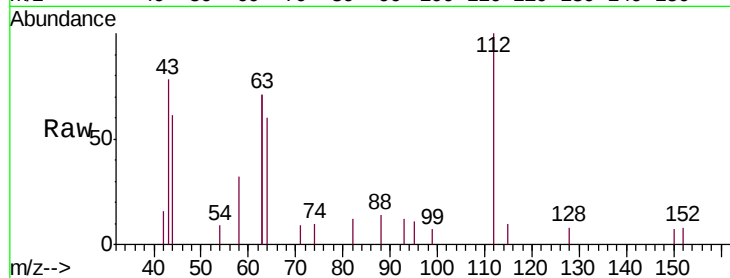
Tgt Ion: 112 Resp: 1136

Ion Ratio Lower Upper

112 100

64 54.6 43.4 65.2

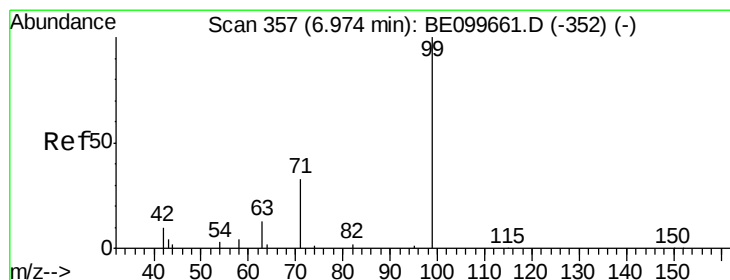
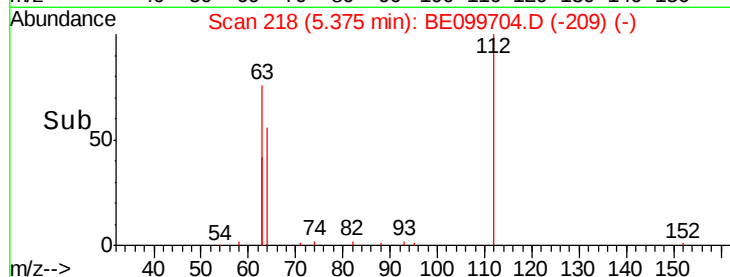
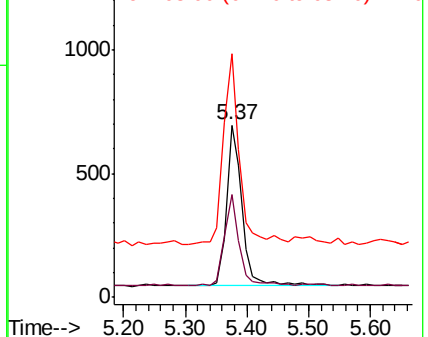
63 115.3 96.9 145.3



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: 0.317 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099704.D

Acq: 22 May 2019 00:09

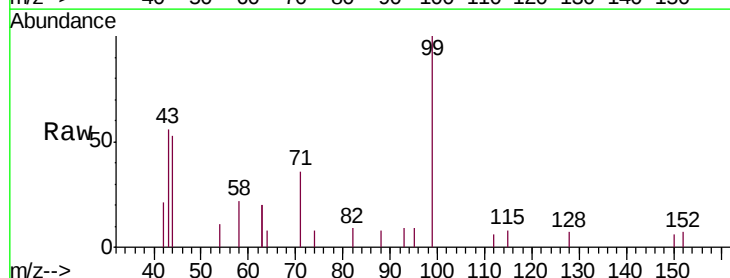
Tgt Ion: 99 Resp: 1596

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

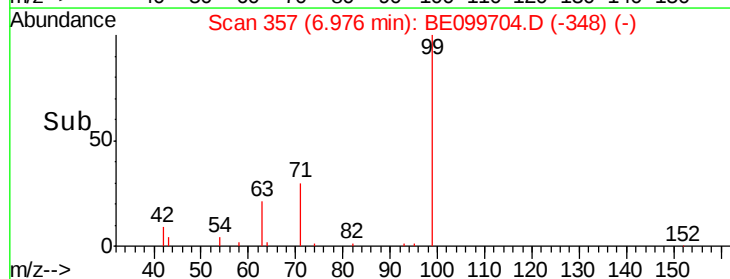
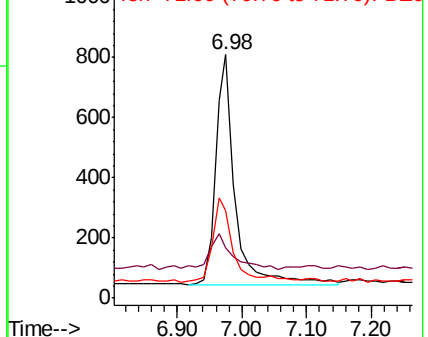
71 37.0 28.9 43.3

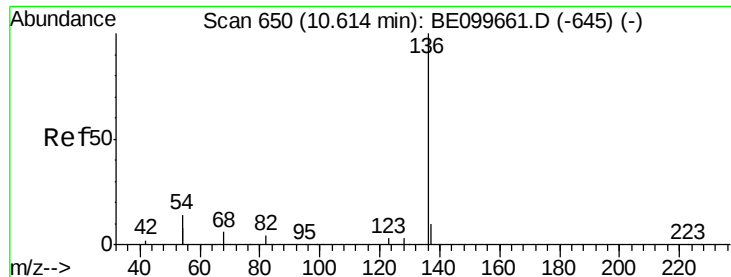


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099704.D

Acq: 22 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-09(4-4.5)

Tgt Ion: 136 Resp: 5278

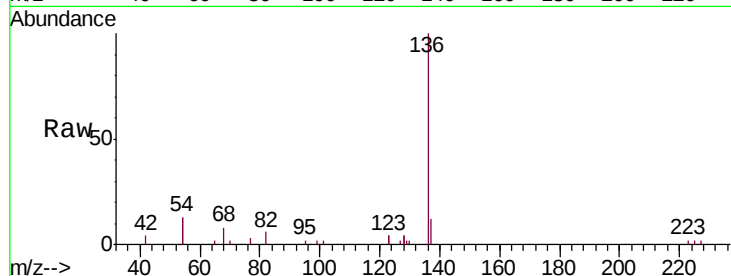
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 26.3 22.3 33.5

68 7.7 6.0 9.0

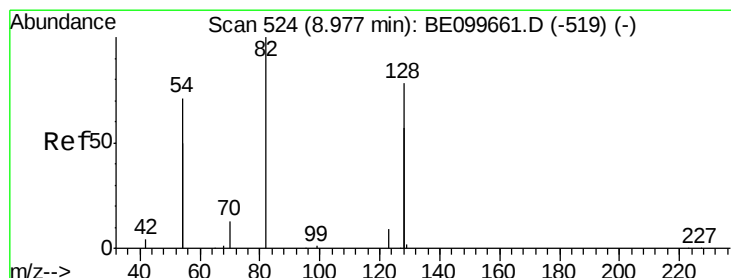
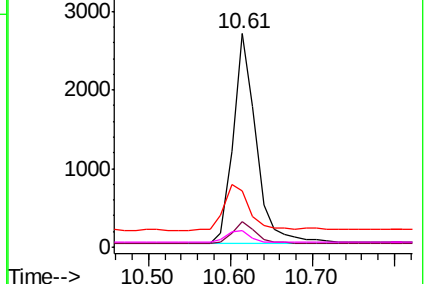
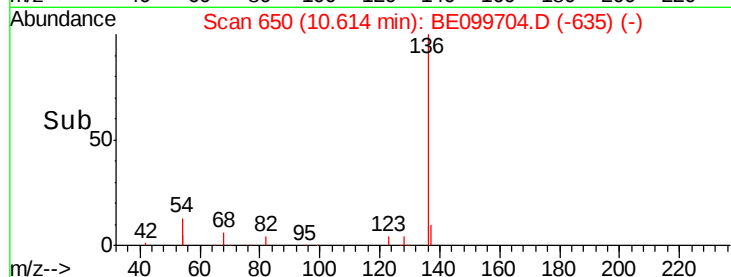


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.265 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099704.D

Acq: 22 May 2019 00:09

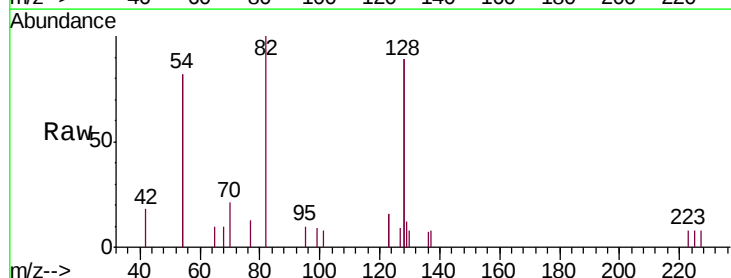
Tgt Ion: 82 Resp: 1210

Ion Ratio Lower Upper

82 100

128 178.1 117.7 176.5#

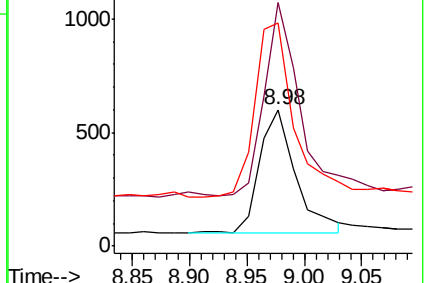
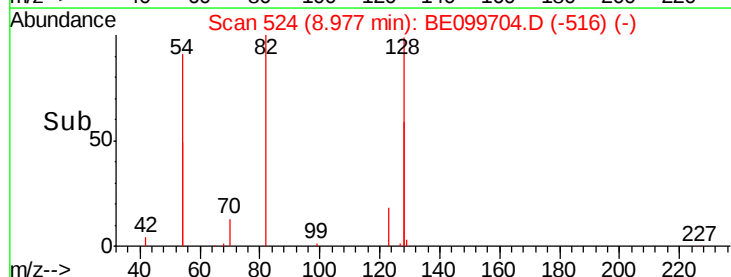
54 163.5 106.6 160.0#

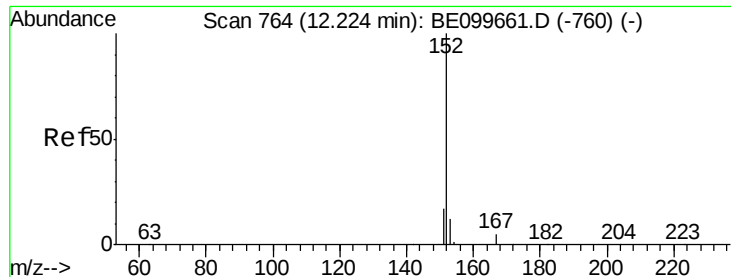


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

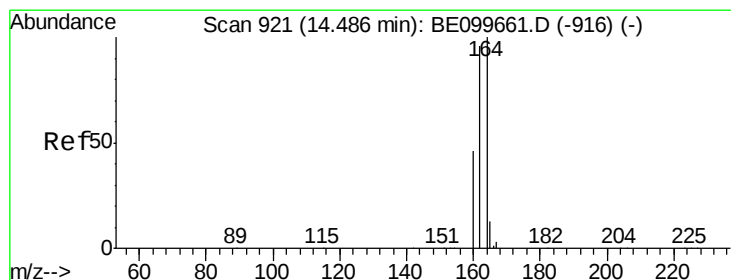
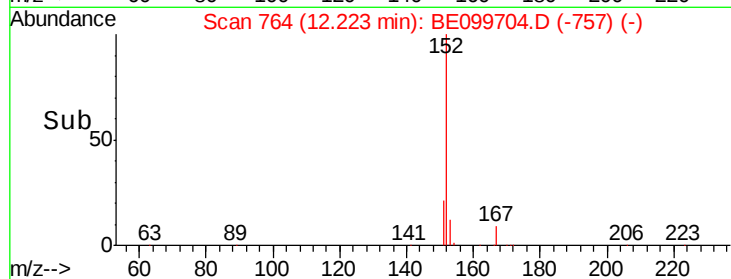
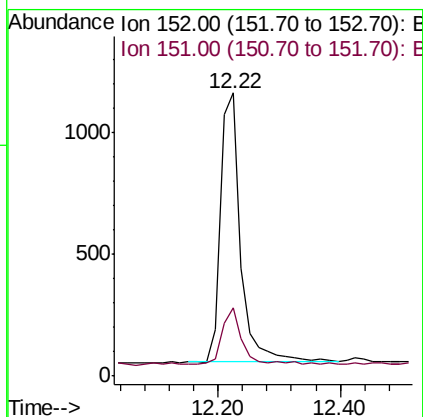
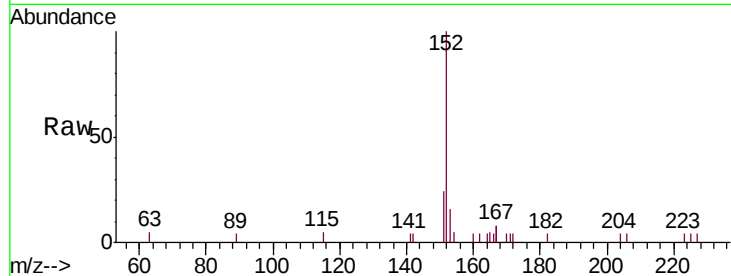




#11
 2-Methylnaphthalene-d10
 Concen: 0.282 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099704.D
 Acq: 22 May 2019 00:09

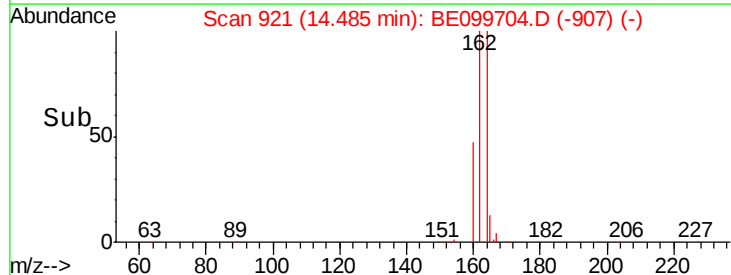
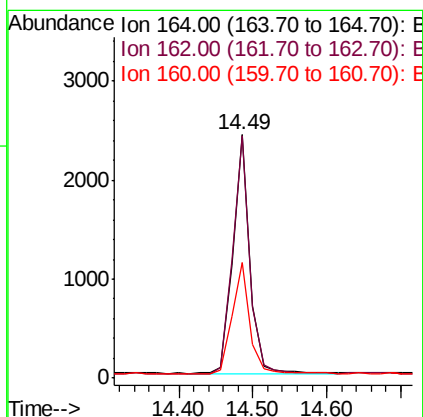
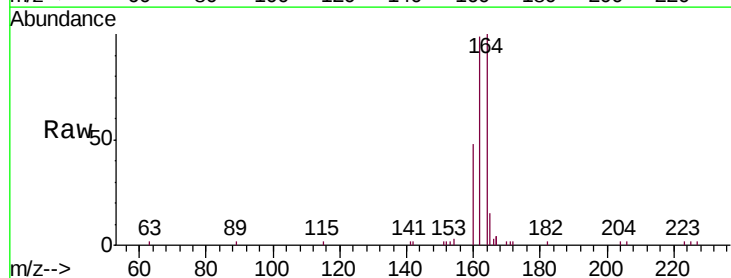
Instrument :
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 FESB-09(4-4.5)

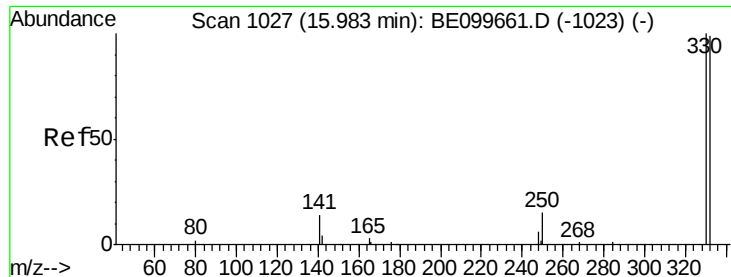
Tgt Ion:152 Resp: 2566
 Ion Ratio Lower Upper
 152 100
 151 20.8 15.0 22.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE099704.D
 Acq: 22 May 2019 00:09

Tgt Ion:164 Resp: 3815
 Ion Ratio Lower Upper
 164 100
 162 99.4 76.5 114.7
 160 47.7 37.4 56.2

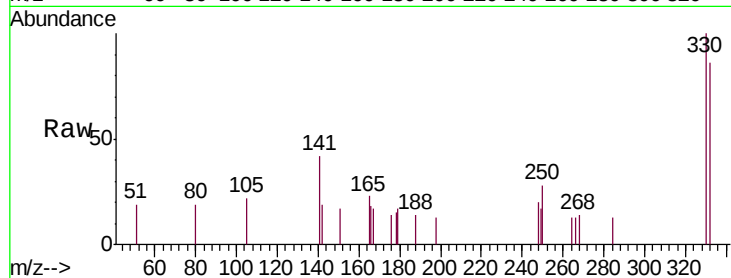




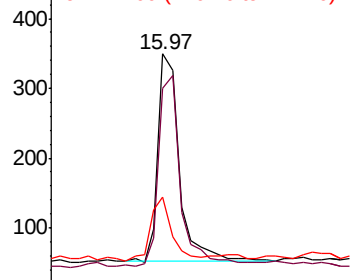
#14
 2,4,6-Tribromophenol
 Concen: 0.352 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099704.D
 Acq: 22 May 2019 00:09

Instrument :
 BNA_E
 ClientSampleId :
 FESB-09(4-4.5)

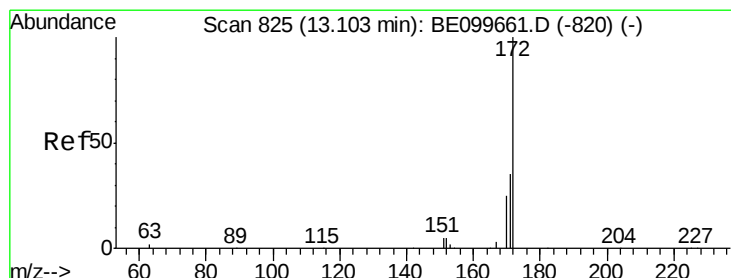
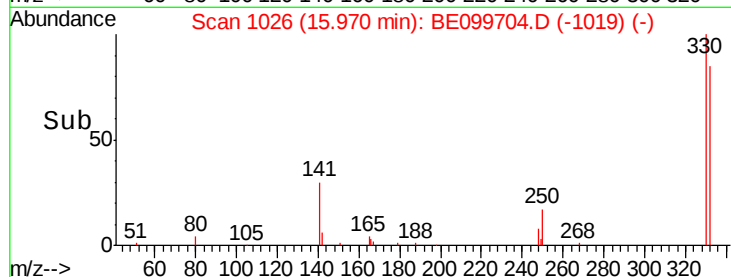
Tgt Ion:330 Resp: 635
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 30.2 18.9 28.3#



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

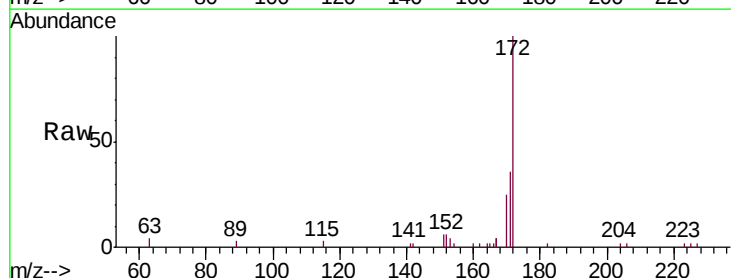


Time-->

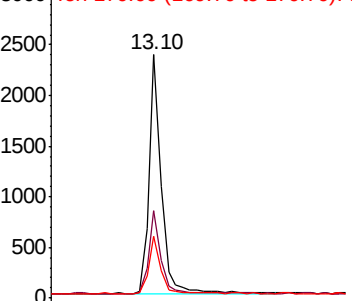


#15
 2-Fluorobiphenyl
 Concen: 0.277 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099704.D
 Acq: 22 May 2019 00:09

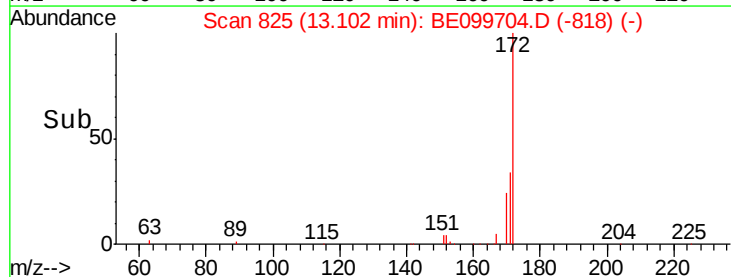
Tgt Ion:172 Resp: 4016
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.7 43.1
 170 25.5 20.9 31.3

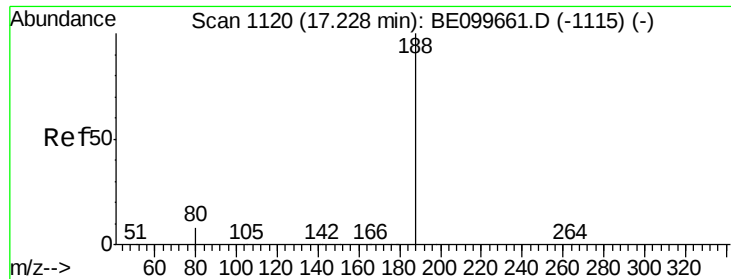


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099704.D

Acq: 22 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-09(4-4.5)

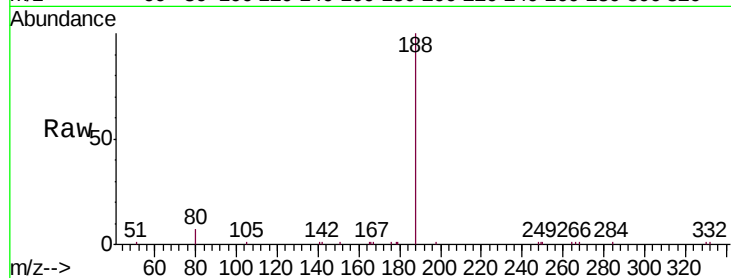
Tgt Ion:188 Resp: 11372

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

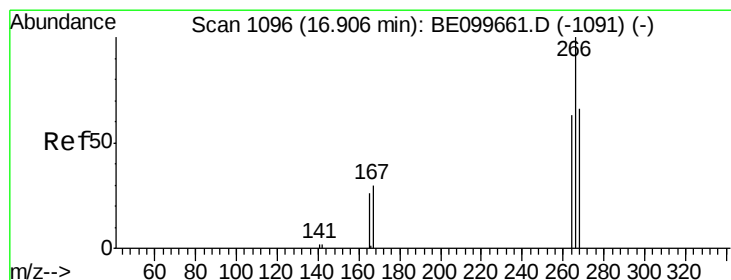
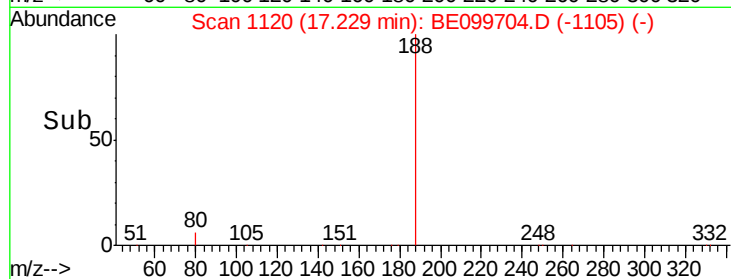
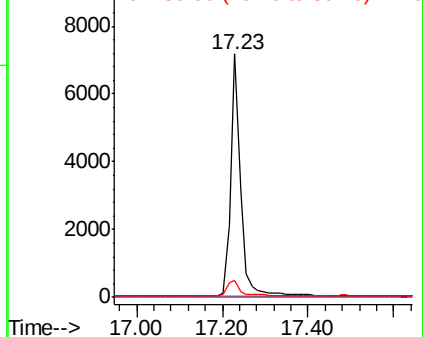
80 7.0 6.7 10.1



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: 0.186 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099704.D

Acq: 22 May 2019 00:09

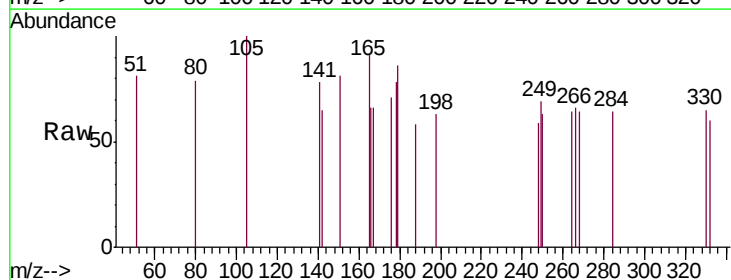
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 96.2 57.2 85.8#

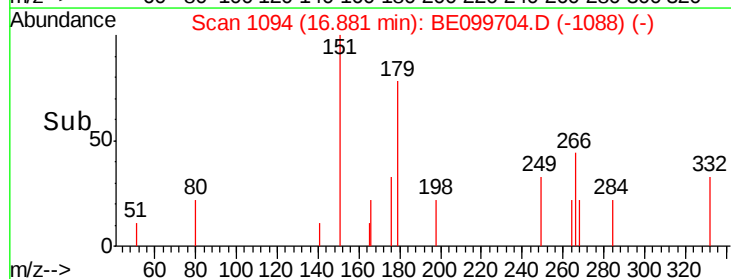
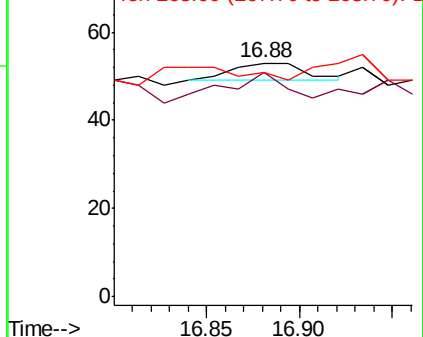
268 96.2 60.5 90.7#

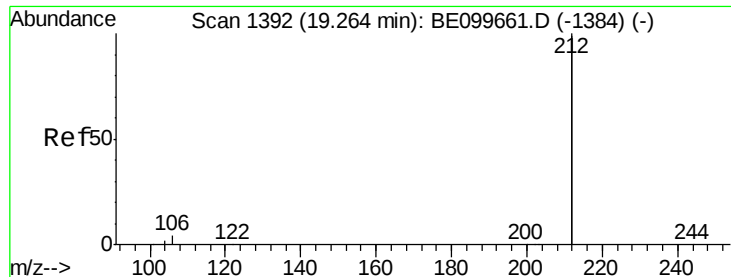


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.264 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099704.D

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FESB-09(4-4.5)

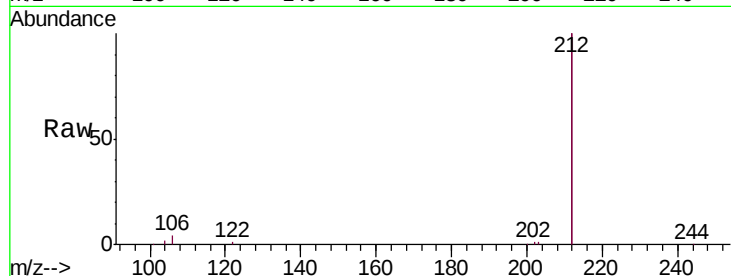
Tgt Ion:212 Resp: 40963

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

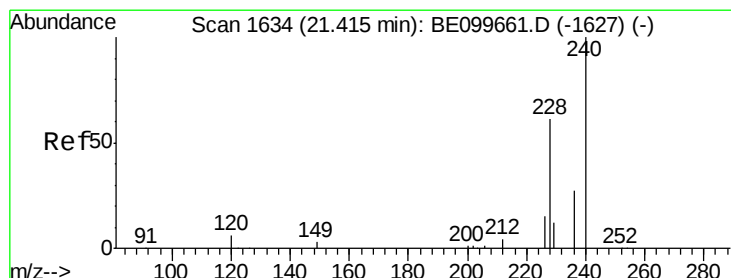
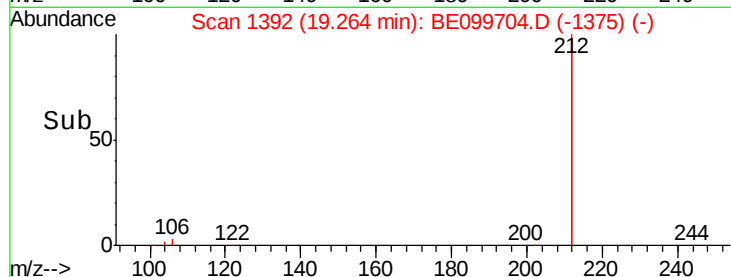
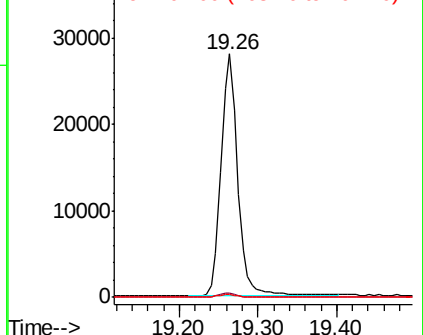
104 1.0 0.8 1.2



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: BE099704.D

Acq: 22 May 2019 00:09

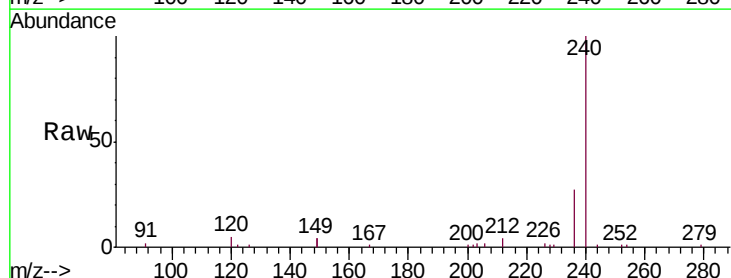
Tgt Ion:240 Resp: 15972

Ion Ratio Lower Upper

240 100

120 4.8 5.4 8.0#

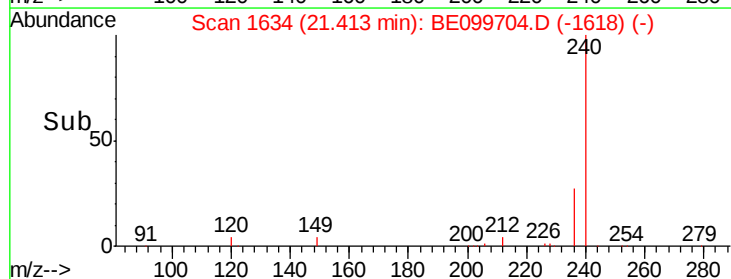
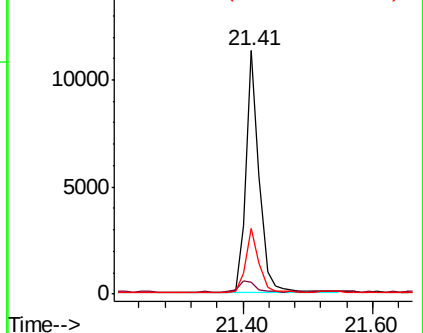
236 27.2 21.7 32.5

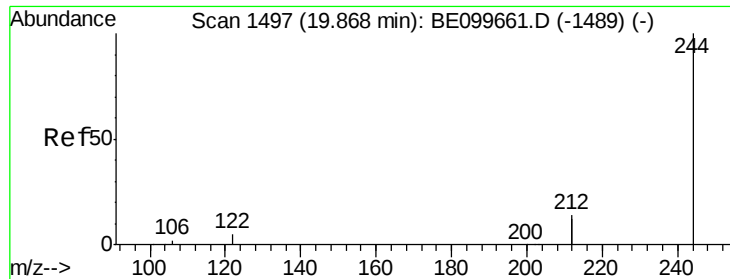


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.297 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099704.D

Acq: 22 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-09(4-4.5)

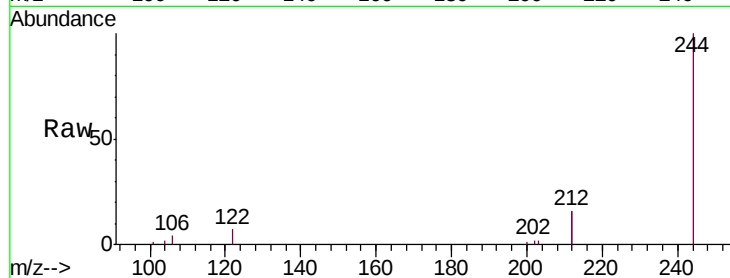
Tgt Ion:244 Resp: 8465

Ion Ratio Lower Upper

244 100

212 31.8 22.5 33.7

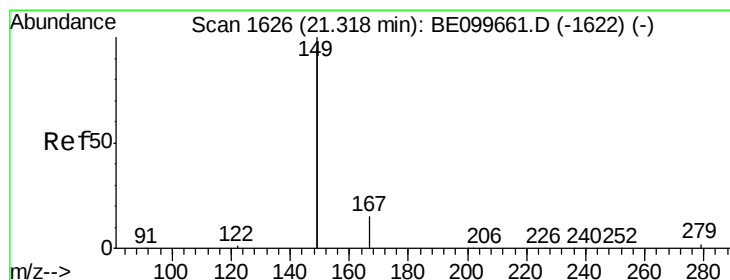
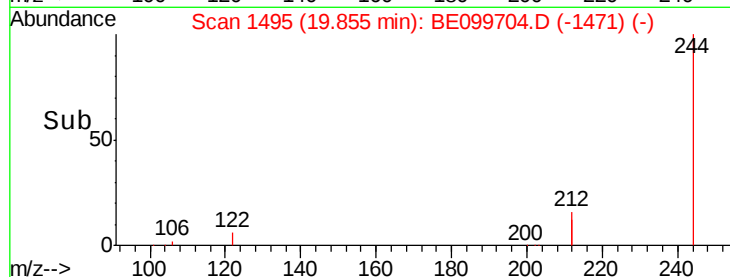
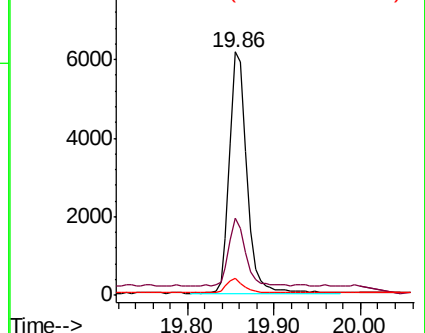
122 7.0 4.3 6.5#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.405 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE099704.D

Acq: 22 May 2019 00:09

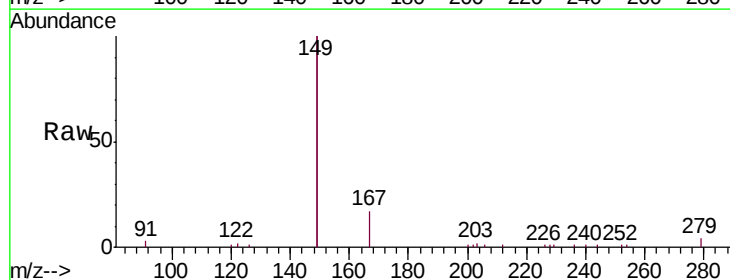
Tgt Ion:149 Resp: 21188

Ion Ratio Lower Upper

149 100

167 7.6 6.2 9.4

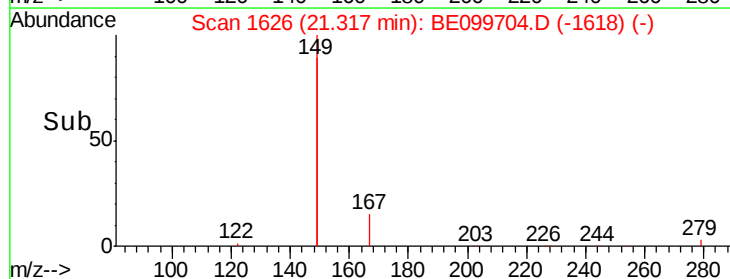
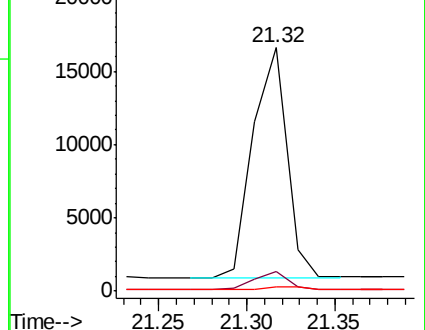
279 1.6 1.2 1.8

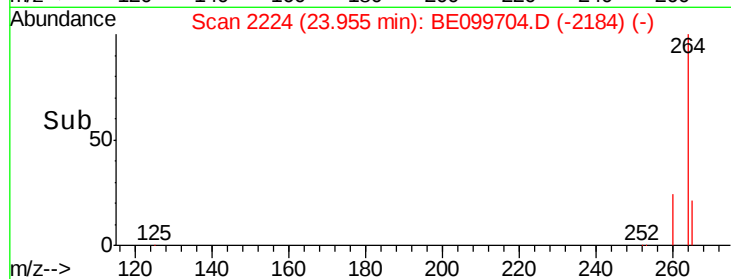
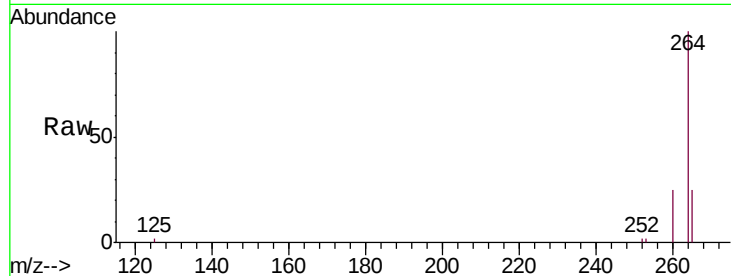
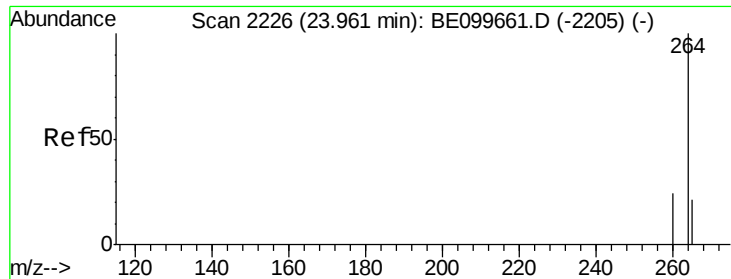


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.96 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BE099704.D

Acq: 22 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-09(4-4.5)

Tgt Ion:264 Resp: 18708

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 25.3 19.1 28.7

