

Data File : BE099701.D
Acq On : 21 May 2019 22:21
Operator : JU/SJ
Sample : K2944-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FESB-3(4.5-5)

Quant Time: May 22 08:18:13 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	1403	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4989	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3616	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10936	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15484	0.40	ng	0.00
34) Perylene-d12	23.96	264	18697	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1372	0.39	ng	0.00
5) Phenol-d6	6.97	99	1894	0.40	ng	0.00
8) Nitrobenzene-d5	8.98	82	1483	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3004	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	761	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4588	0.33	ng	0.00
25) Fluoranthene-d10	19.26	212	47345	0.32	ng	0.00
29) Terphenyl-d14	19.86	244	9554	0.35	ng	0.00

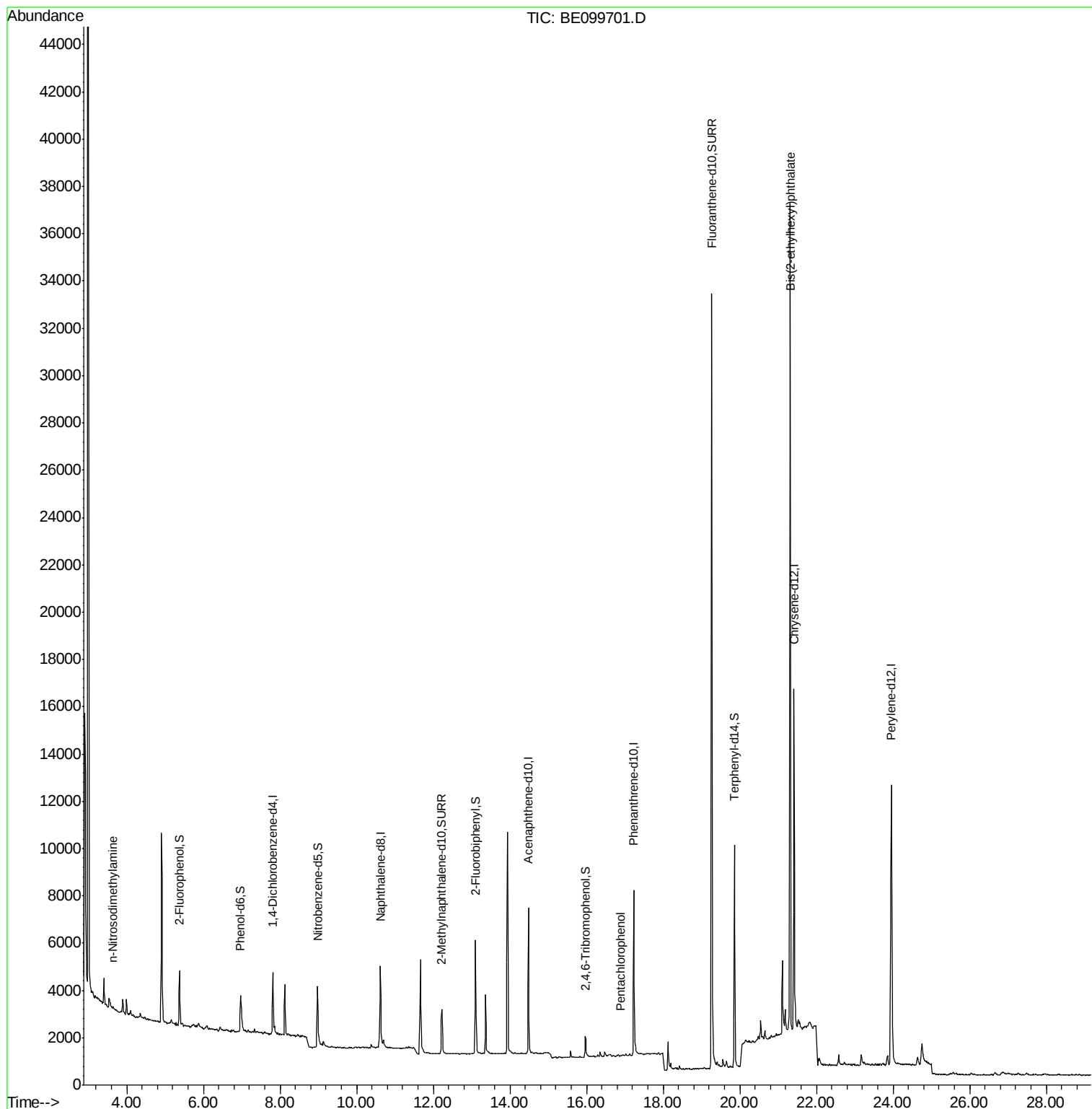
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.63	42	32	0.028	ng	# 1
22) Pentachlorophenol	16.88	266	6	0.184	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.32	149	43693	0.862	ng	100

(#) = 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

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BNA_E

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FESB-3(4.5-5)

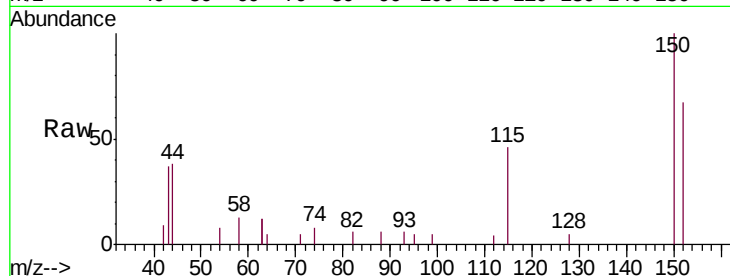
Tgt Ion:152 Resp: 1403

Ion Ratio Lower Upper

152 100

150 150.2 109.2 163.8

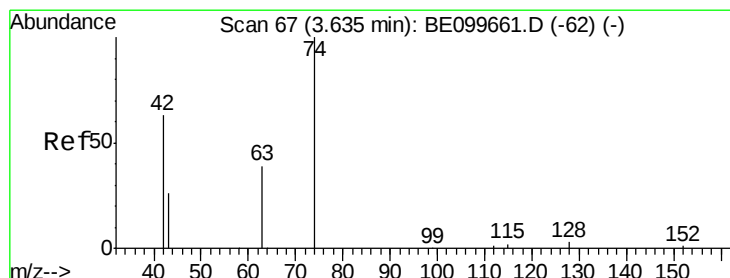
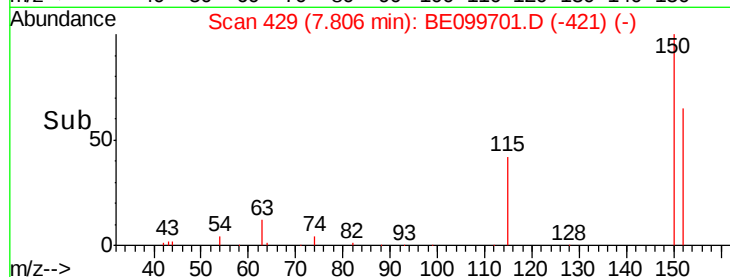
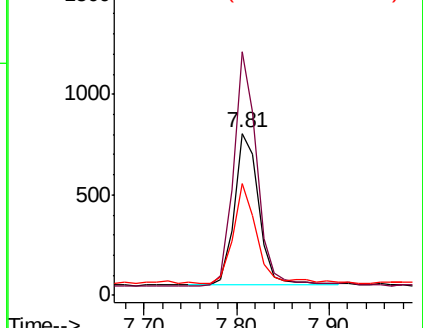
115 68.6 43.7 65.5#



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



#3

n-Nitrosodimethylamine

Concen: 0.028 ng

RT: 3.63 min Scan# 66

Delta R.T. -0.01 min

Lab File: BE099701.D

Acq: 21 May 2019 22:21

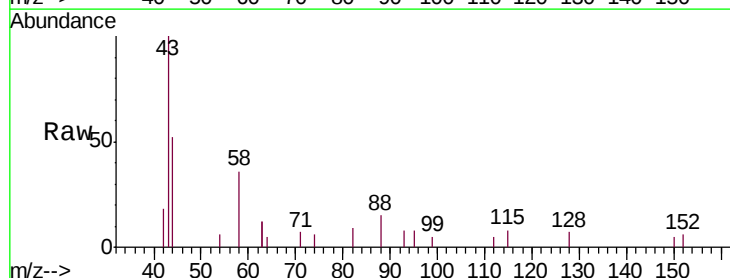
Tgt Ion: 42 Resp: 32

Ion Ratio Lower Upper

42 100

74 0.0 129.2 193.8#

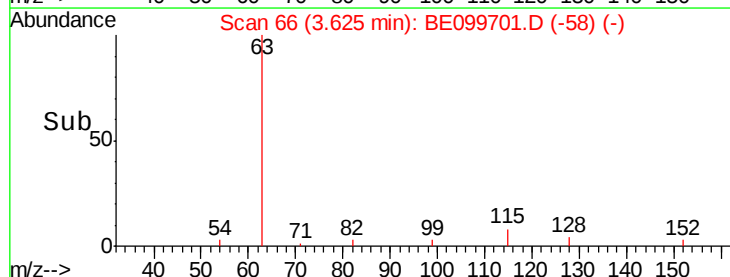
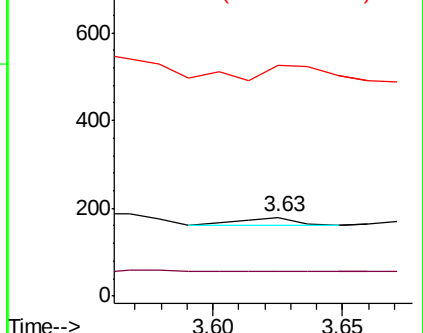
44 190.6 0.0 0.0#

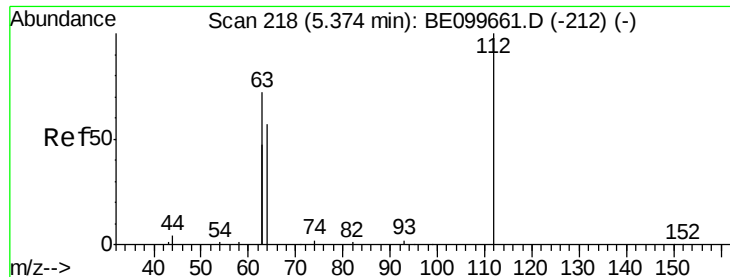


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.387 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099701.D

Acq: 21 May 2019 22:21

Instrument :

BNA_E

ClientSampleId :

FESB-3(4.5-5)

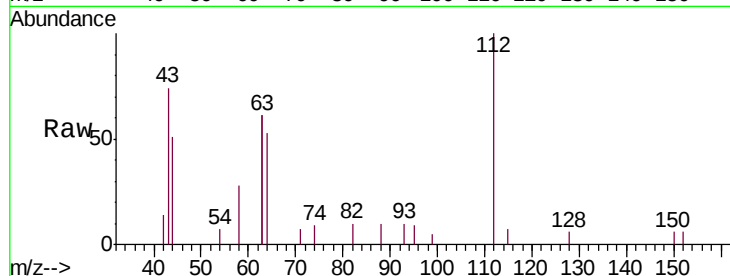
Tgt Ion: 112 Resp: 1372

Ion Ratio Lower Upper

112 100

64 53.9 43.4 65.2

63 120.6 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

1500

1000

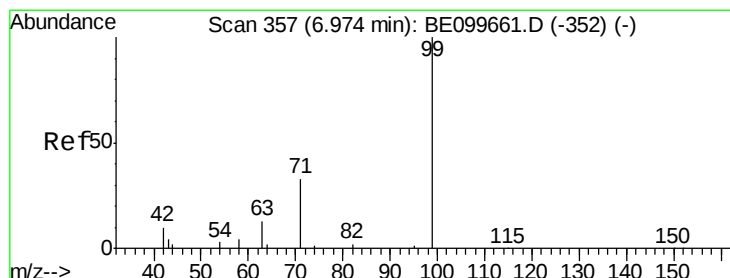
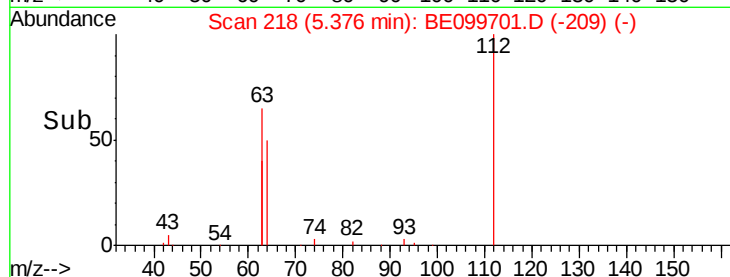
500

0

5.38

5.30 5.40 5.50

Time-->



#5

Phenol-d6

Concen: 0.404 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099701.D

Acq: 21 May 2019 22:21

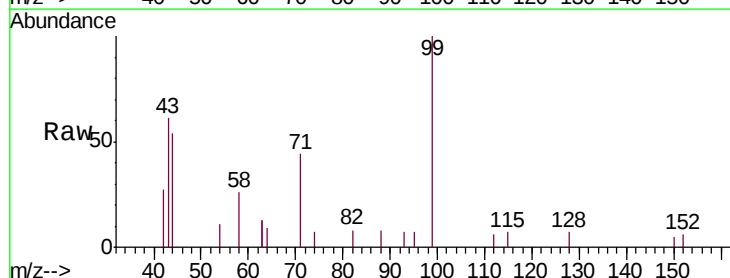
Tgt Ion: 99 Resp: 1894

Ion Ratio Lower Upper

99 100

42 22.1 12.2 18.2#

71 38.2 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

1200

1000

800

600

400

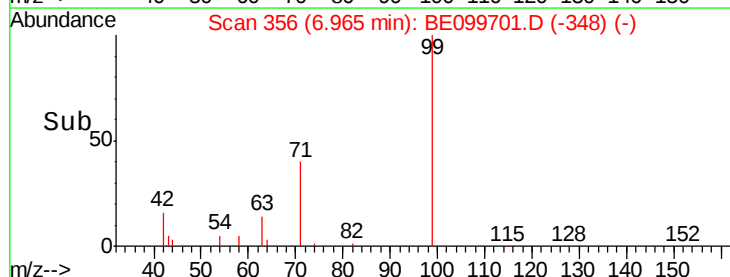
200

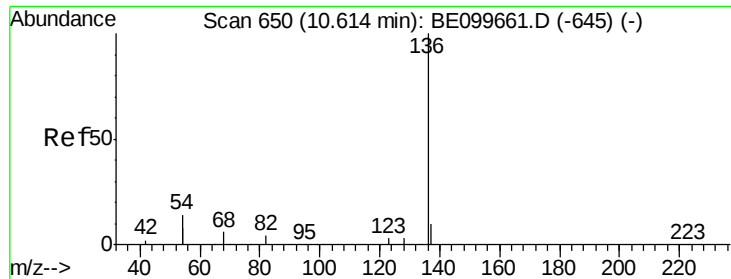
0

6.97

6.80 6.90 7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099701.D

Acq: 21 May 2019 22:21

Instrument :

BNA_E

ClientSampleId :

FESB-3(4.5-5)

Tgt Ion:136 Resp: 4989

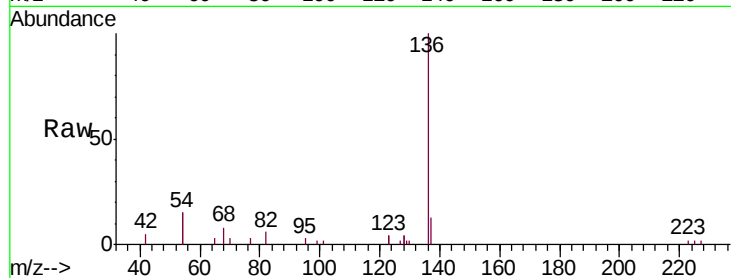
Ion Ratio Lower Upper

136 100

137 12.8 9.0 13.6

54 29.7 22.3 33.5

68 8.3 6.0 9.0

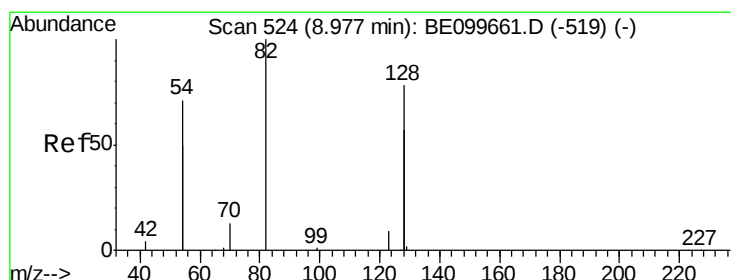
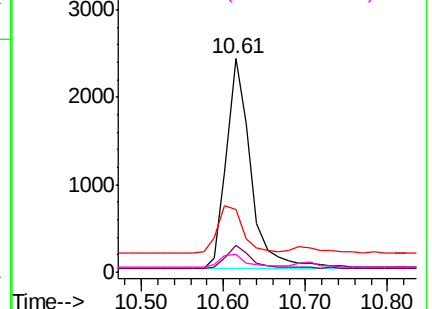
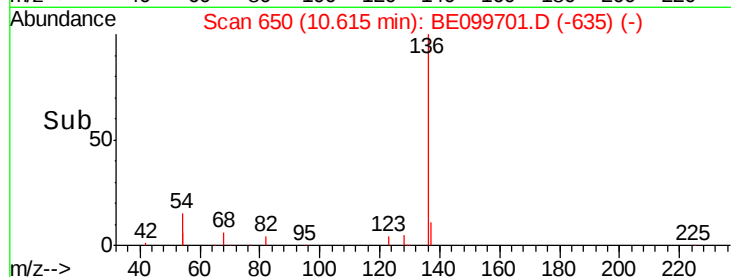


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.343 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099701.D

Acq: 21 May 2019 22:21

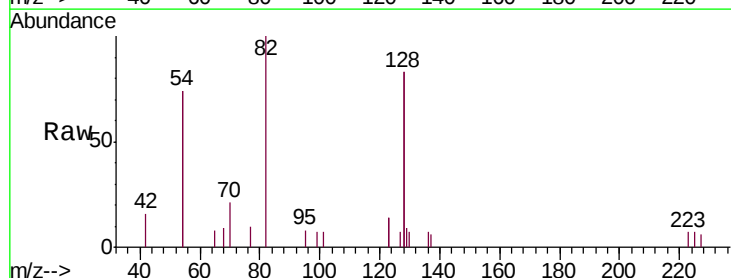
Tgt Ion: 82 Resp: 1483

Ion Ratio Lower Upper

82 100

128 165.2 117.7 176.5

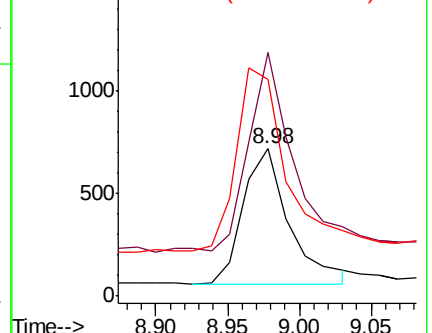
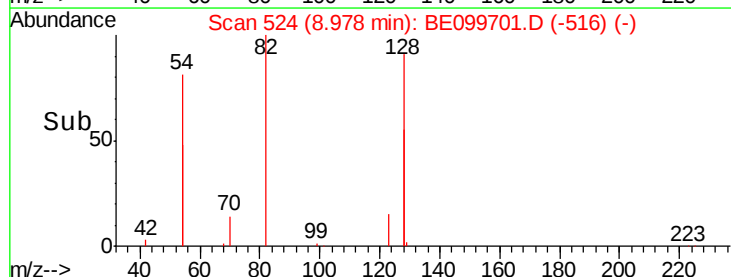
54 147.1 106.6 160.0

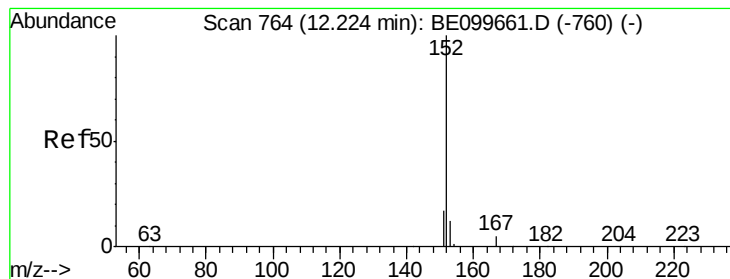


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.349 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099701.D

Acq: 21 May 2019 22:21

Instrument :

BNA_E

ClientSampleId :

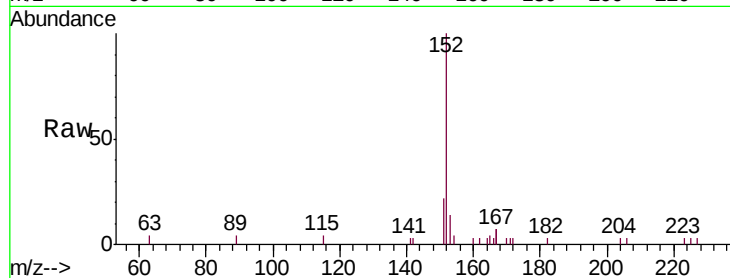
FESB-3(4.5-5)

Tgt Ion:152 Resp: 3004

Ion Ratio Lower Upper

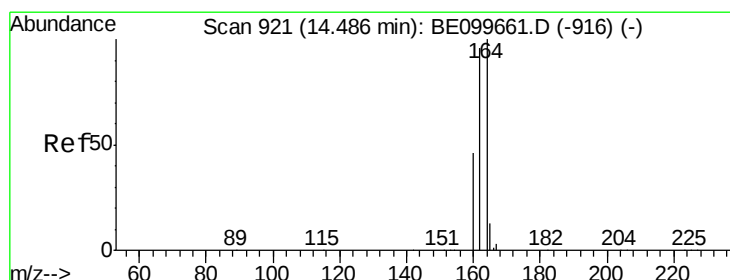
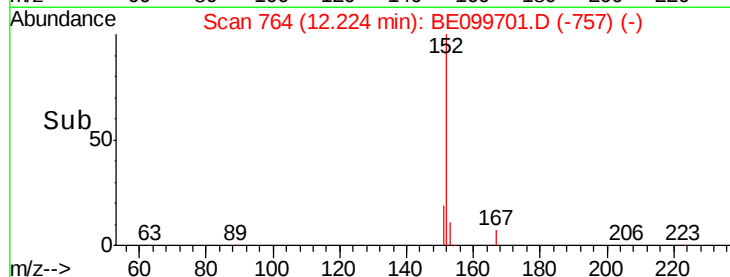
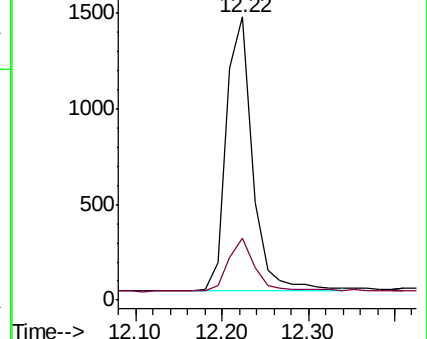
152 100

151 20.0 15.0 22.4



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: BE099701.D

Acq: 21 May 2019 22:21

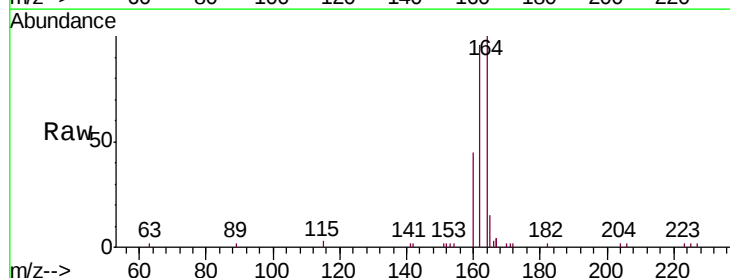
Tgt Ion:164 Resp: 3616

Ion Ratio Lower Upper

164 100

162 96.1 76.5 114.7

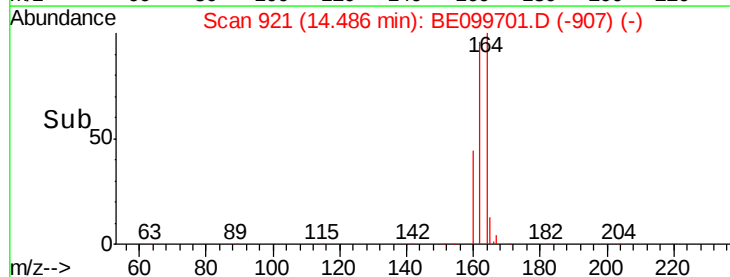
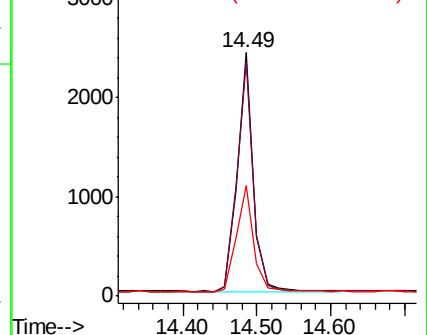
160 45.2 37.4 56.2

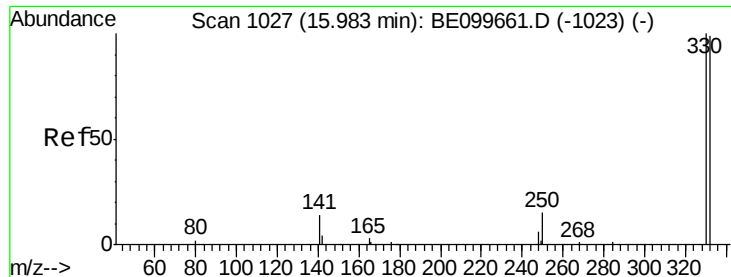


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

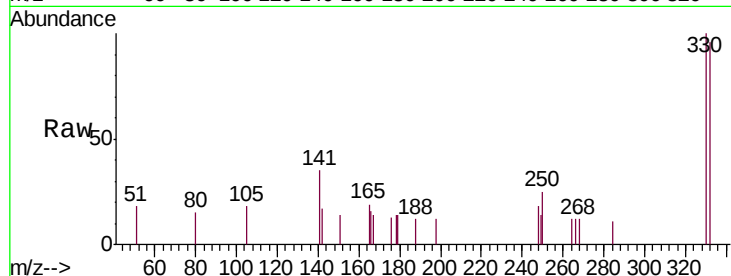




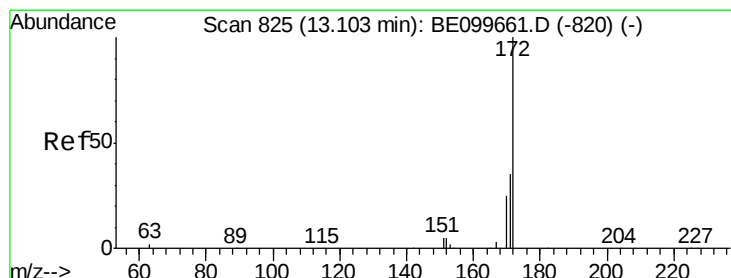
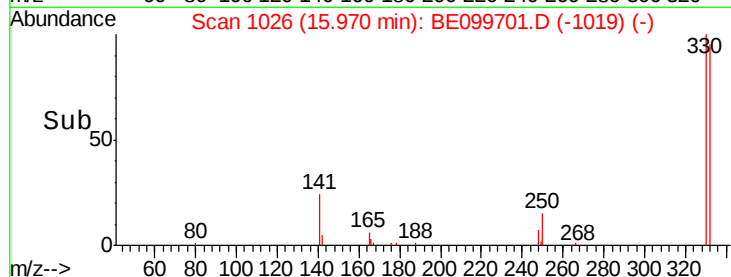
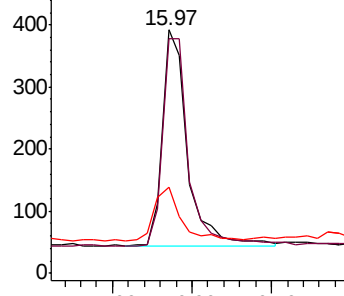
#14
 2,4,6-Tribromophenol
 Concen: 0.407 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099701.D
 Acq: 21 May 2019 22:21

Instrument :
 BNA_E
 ClientSampleId :
 FESB-3(4.5-5)

Tgt Ion: 330 Resp: 761
 Ion Ratio Lower Upper
 330 100
 332 101.7 77.3 115.9
 141 28.4 18.9 28.3#

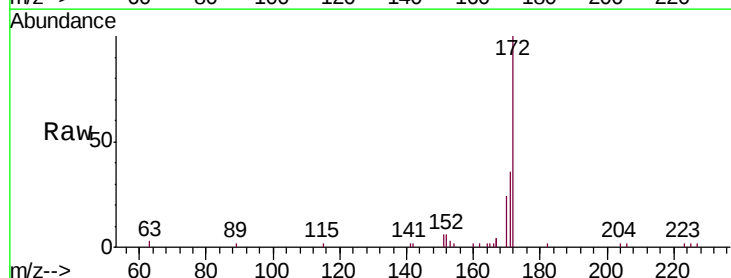


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

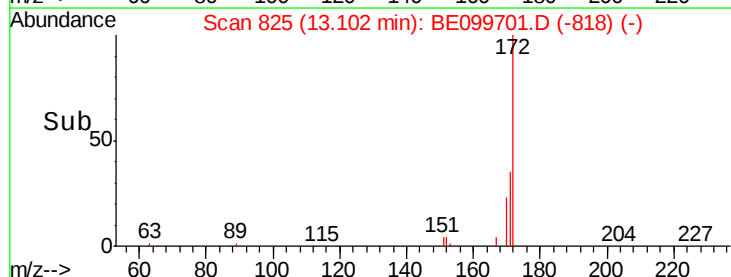
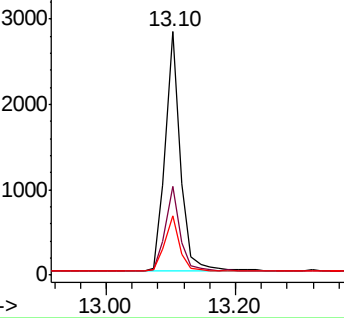


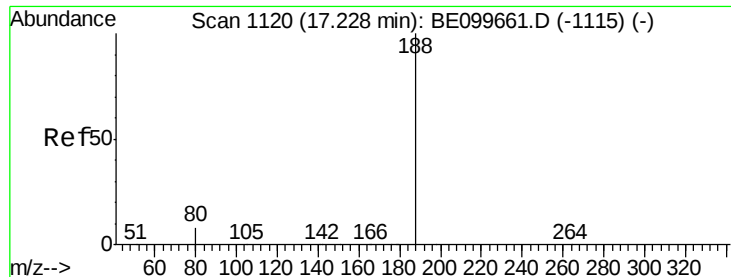
#15
 2-Fluorobiphenyl
 Concen: 0.334 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099701.D
 Acq: 21 May 2019 22:21

Tgt Ion: 172 Resp: 4588
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.7 43.1
 170 24.4 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099701.D

Acq: 21 May 2019 22:21

Instrument :

BNA_E

ClientSampleId :

FESB-3(4.5-5)

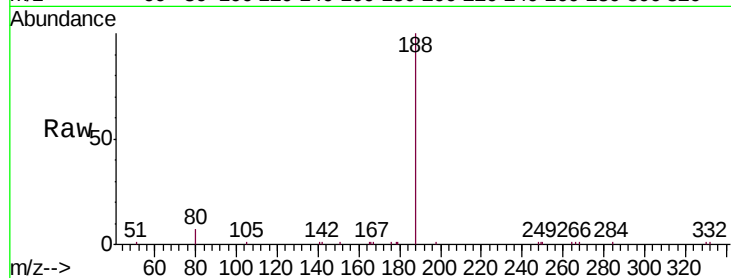
Tgt Ion:188 Resp: 10936

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

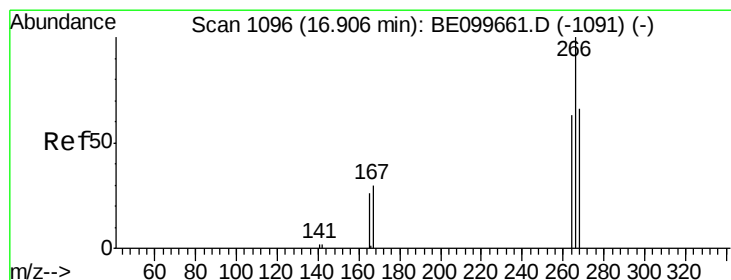
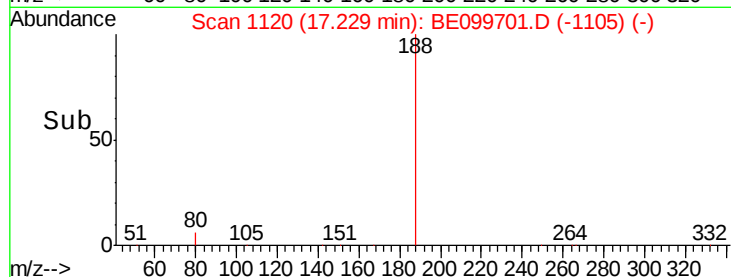
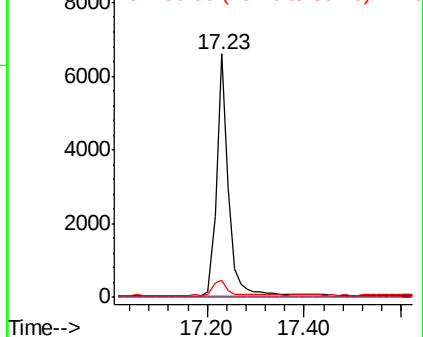
80 6.9 6.7 10.1



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: 0.184 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099701.D

Acq: 21 May 2019 22:21

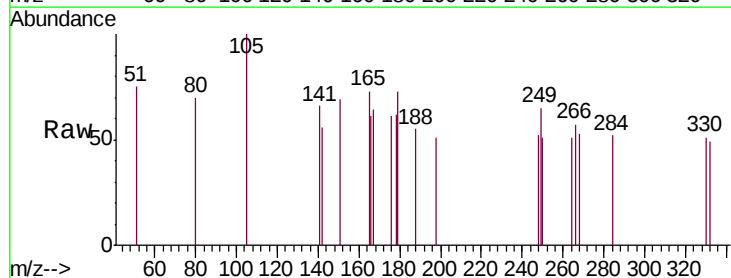
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 88.2 57.2 85.8#

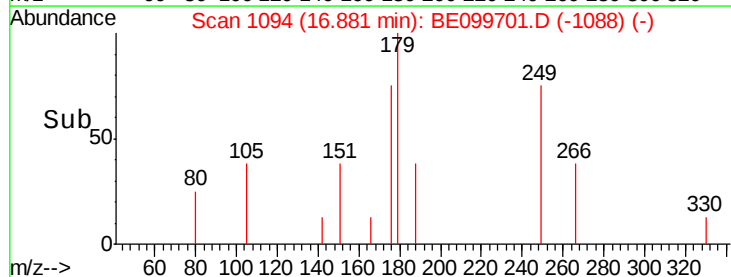
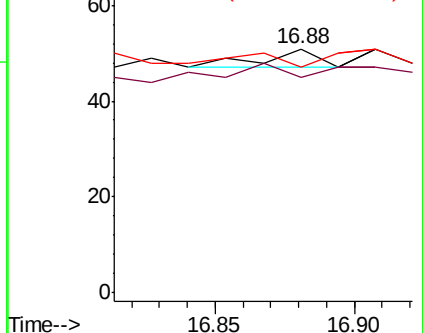
268 92.2 60.5 90.7#

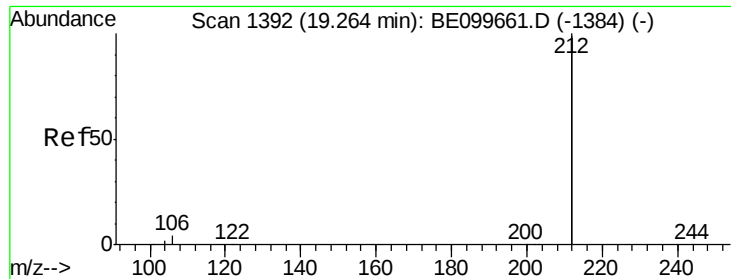


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.317 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099701.D

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FESB-3(4.5-5)

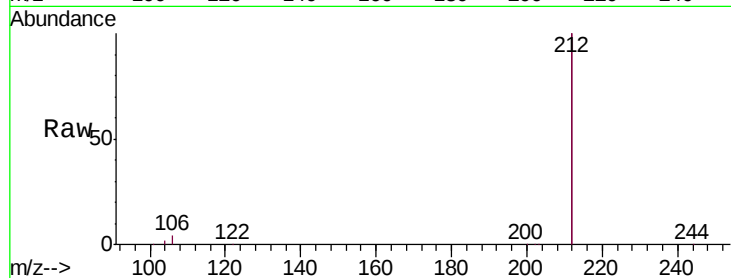
Tgt Ion:212 Resp: 47345

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

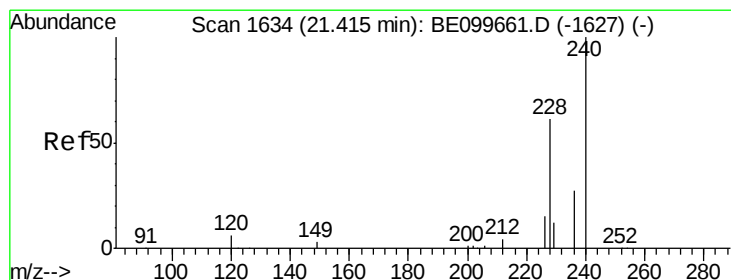
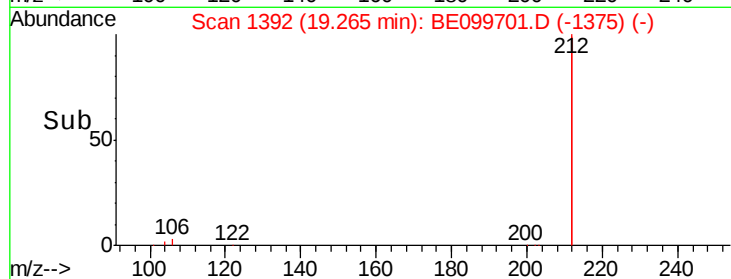
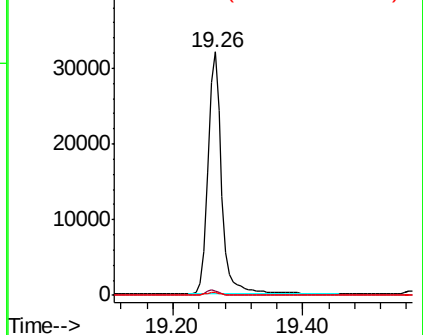
104 1.1 0.8 1.2



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: BE099701.D

Acq: 21 May 2019 22:21

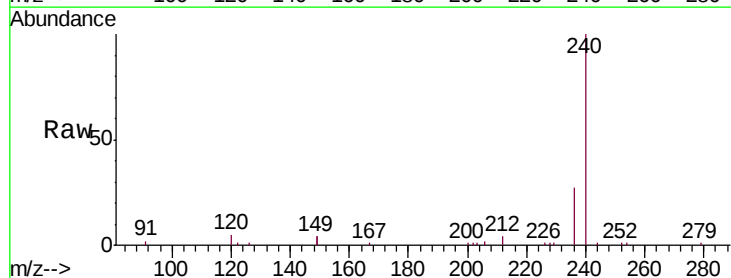
Tgt Ion:240 Resp: 15484

Ion Ratio Lower Upper

240 100

120 4.5 5.4 8.0#

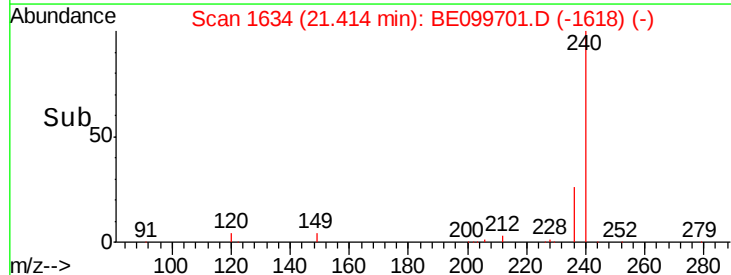
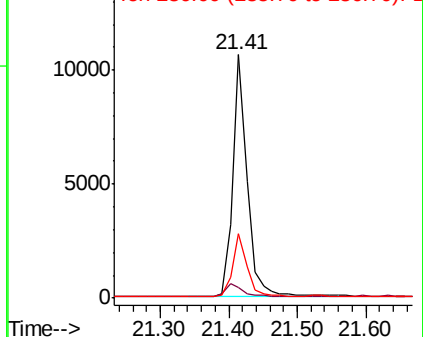
236 26.7 21.7 32.5

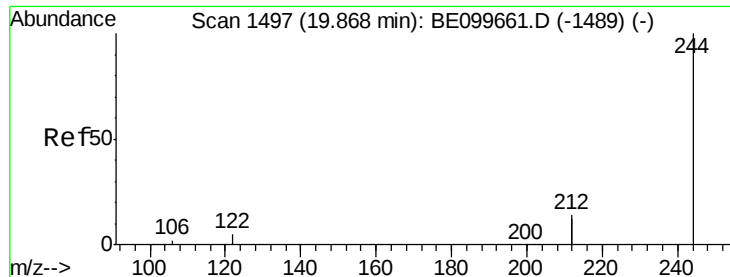


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.346 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099701.D

Acq: 21 May 2019 22:21

Instrument :

BNA_E

ClientSampleId :

FESB-3(4.5-5)

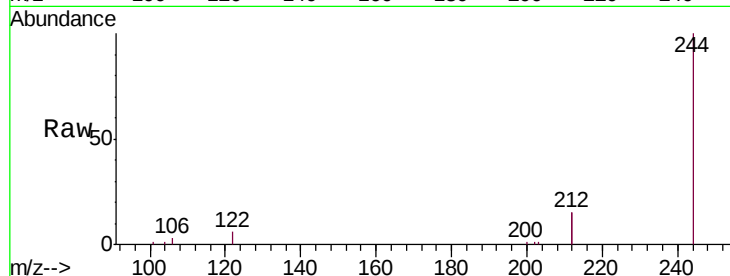
Tgt Ion:244 Resp: 9554

Ion Ratio Lower Upper

244 100

212 29.1 22.5 33.7

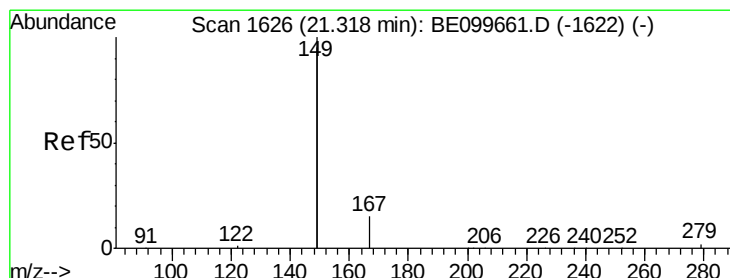
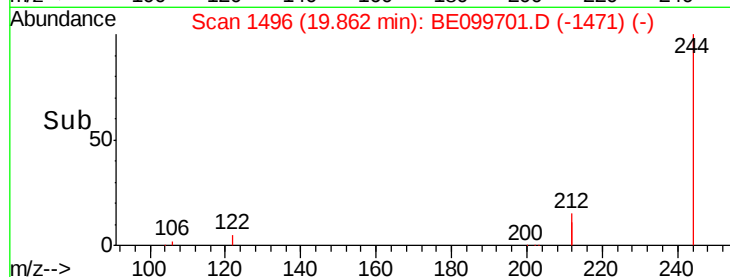
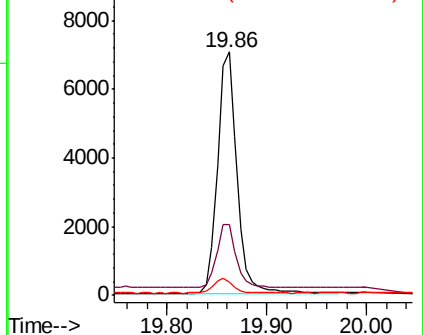
122 5.6 4.3 6.5



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: 0.862 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE099701.D

Acq: 21 May 2019 22:21

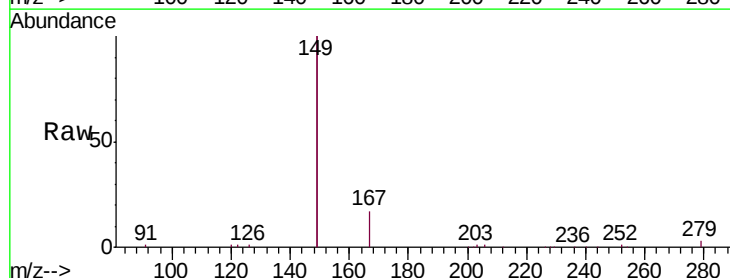
Tgt Ion:149 Resp: 43693

Ion Ratio Lower Upper

149 100

167 7.8 6.2 9.4

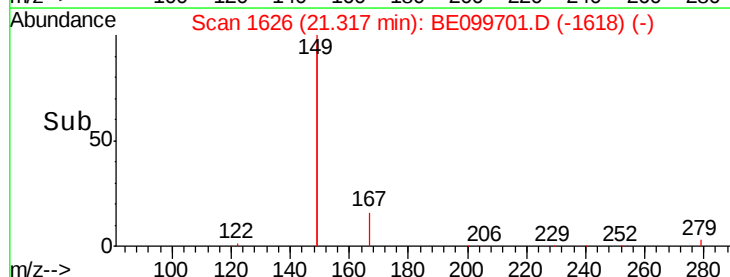
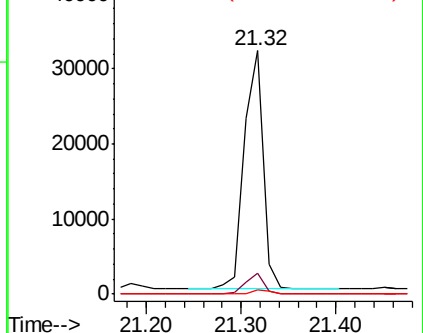
279 1.4 1.2 1.8

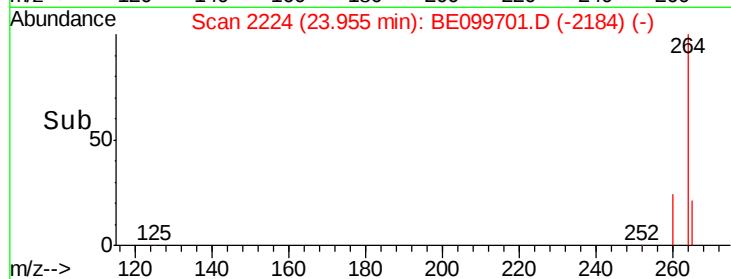
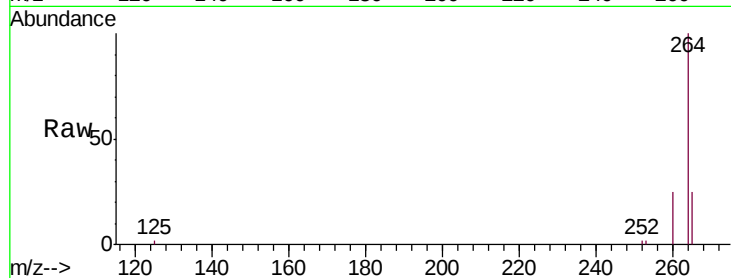
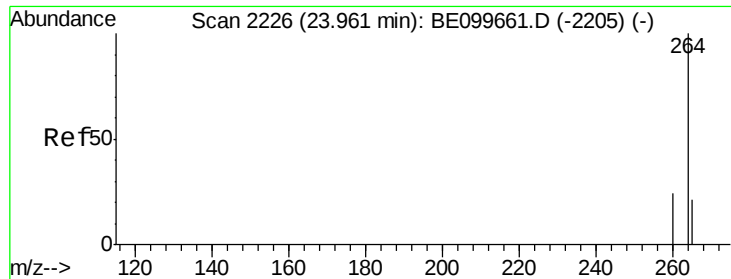


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE099701.D

Acq: 21 May 2019 22:21

Instrument :

BNA_E

ClientSampleId :

FESB-3(4.5-5)

Tgt Ion: 264 Resp: 18697

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 25.1 19.1 28.7

