

Data File : BE099703.D
Acq On : 21 May 2019 23:33
Operator : JU/SJ
Sample : K2944-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FESB-6(4.5-5)

Quant Time: May 22 08:18:46 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

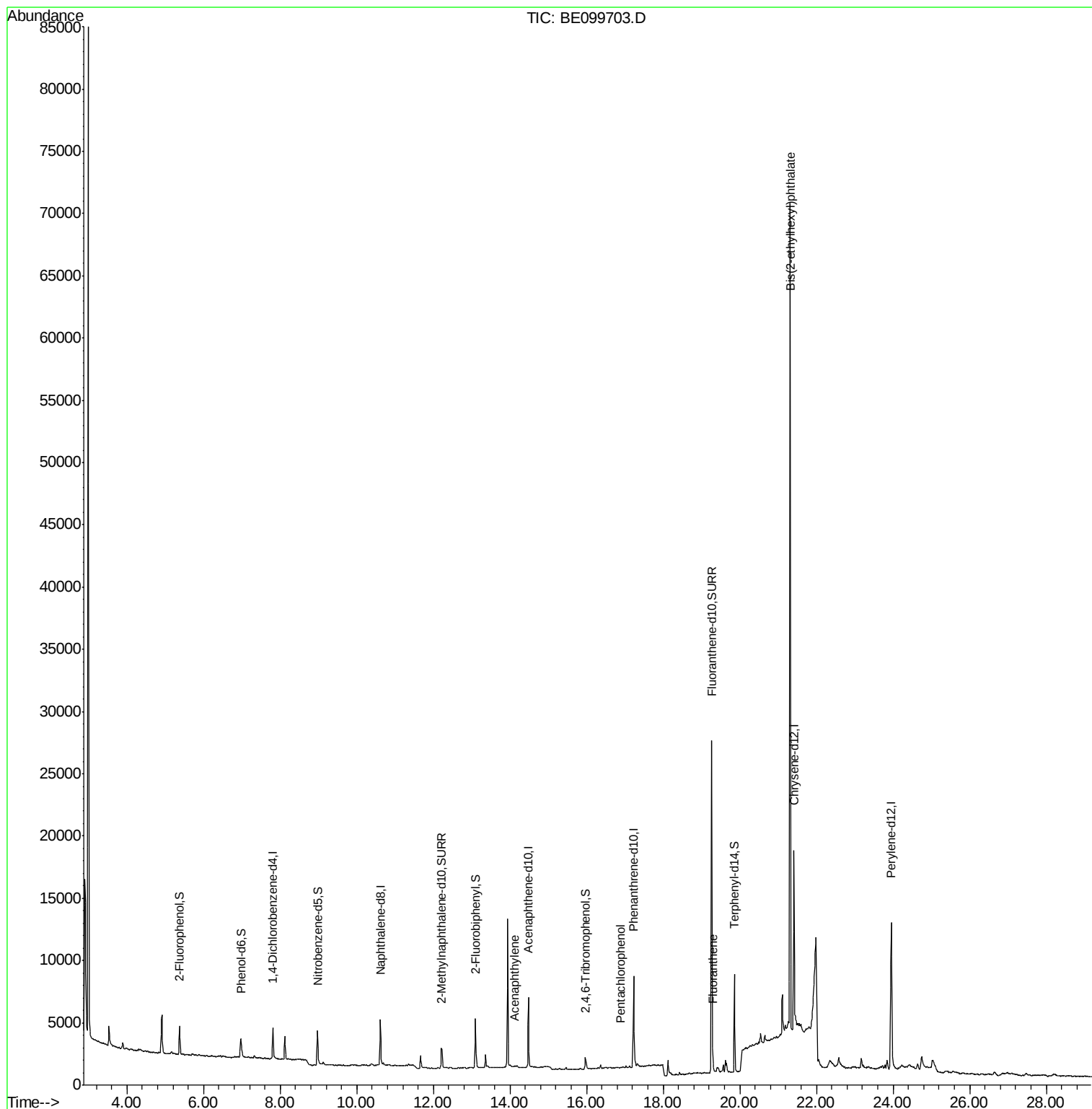
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1394	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	4967	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3526	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10404	0.40	ng	0.00
27) Chrysene-d12	21.42	240	14937	0.40	ng	0.00
34) Perylene-d12	23.95	264	18017	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1329	0.38	ng	0.00
5) Phenol-d6	6.97	99	1830	0.39	ng	0.00
8) Nitrobenzene-d5	8.98	82	1500	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2684	0.31	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	729	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	3840	0.29	ng	0.00
25) Fluoranthene-d10	19.26	212	38538	0.27	ng	0.00
29) Terphenyl-d14	19.86	244	7690	0.29	ng	-0.01
Target Compounds						Qvalue
16) Acenaphthylene	14.13	152	519	0.032	ng	# 80
22) Pentachlorophenol	16.89	266	19	0.191	ng	# 84
26) Fluoranthene	19.29	202	825	0.021	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.32	149	91328	1.867	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: 7.80 min Scan# 429

Delta R.T. -0.01 min

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Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

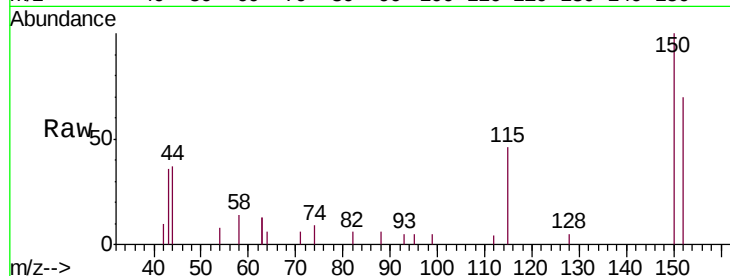
Tgt Ion:152 Resp: 1394

Ion Ratio Lower Upper

152 100

150 142.2 109.2 163.8

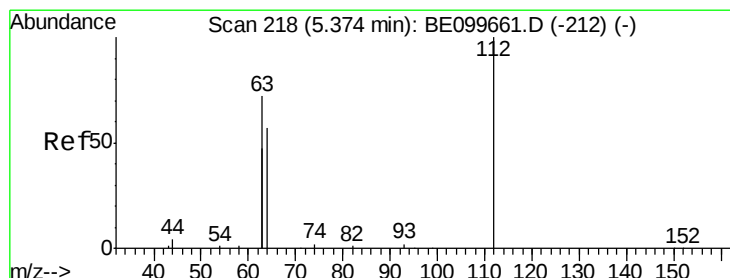
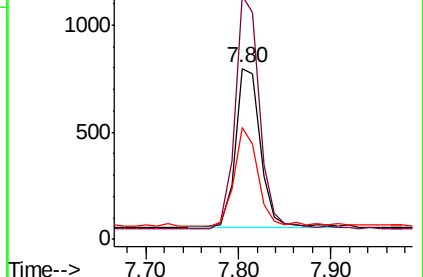
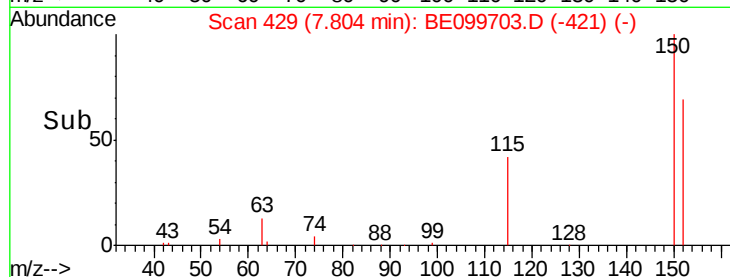
115 65.6 43.7 65.5#



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



#4

2-Fluorophenol

Concen: 0.377 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099703.D

Acq: 21 May 2019 23:33

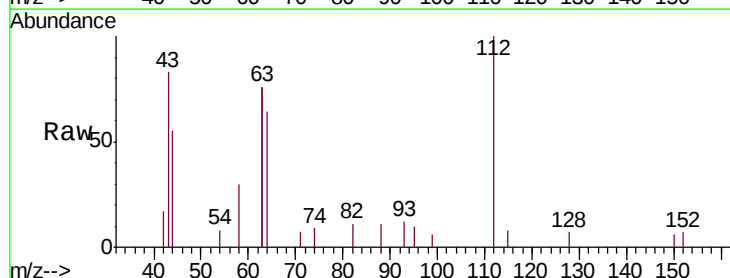
Tgt Ion:112 Resp: 1329

Ion Ratio Lower Upper

112 100

64 55.2 43.4 65.2

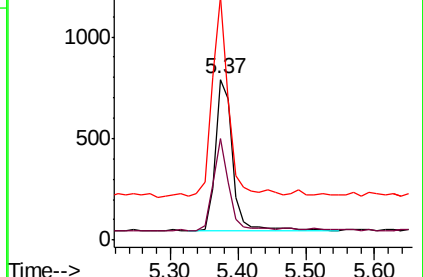
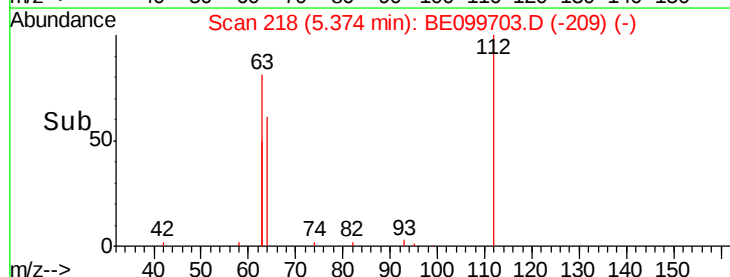
63 124.2 96.9 145.3

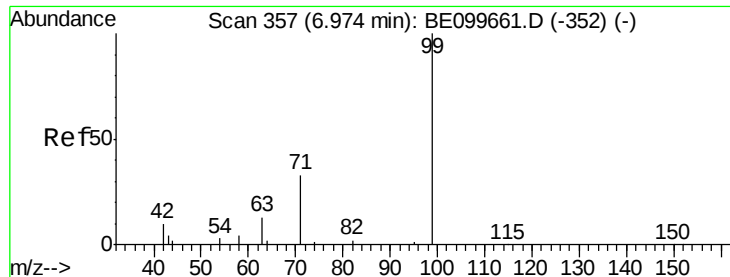


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.392 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099703.D

Acq: 21 May 2019 23:33

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

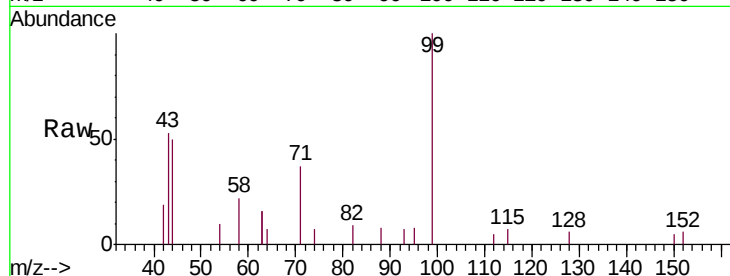
Tgt Ion: 99 Resp: 1830

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

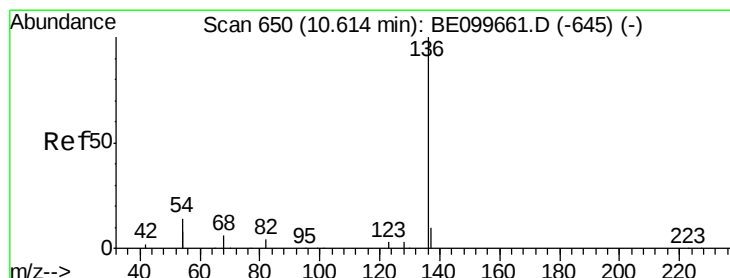
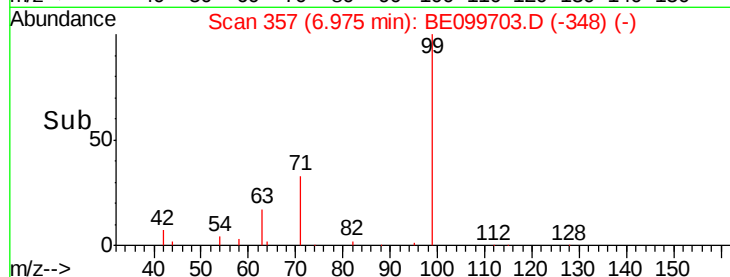
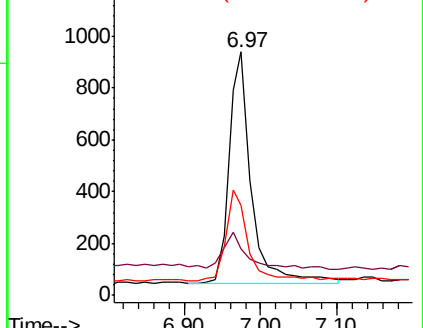
71 40.9 28.9 43.3



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: BE099703.D

Acq: 21 May 2019 23:33

Tgt Ion: 136 Resp: 4967

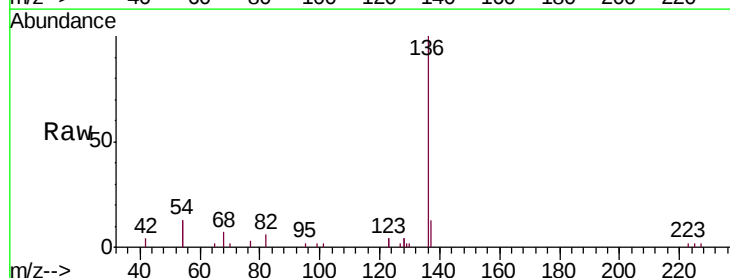
Ion Ratio Lower Upper

136 100

137 12.8 9.0 13.6

54 26.0 22.3 33.5

68 7.3 6.0 9.0

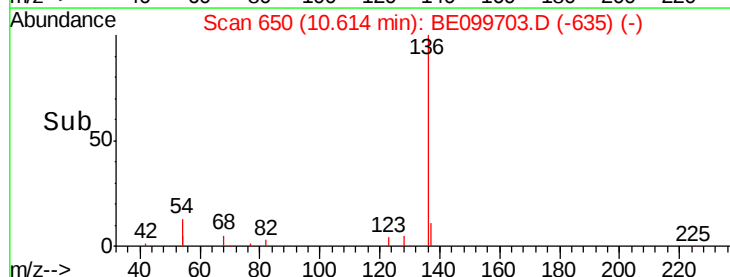
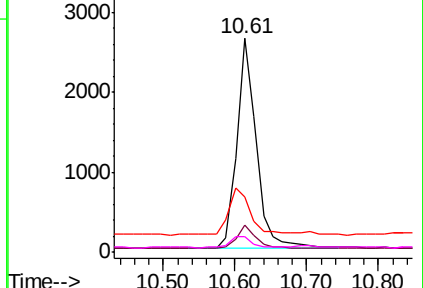


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.349 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099703.D

Acq: 21 May 2019 23:33

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

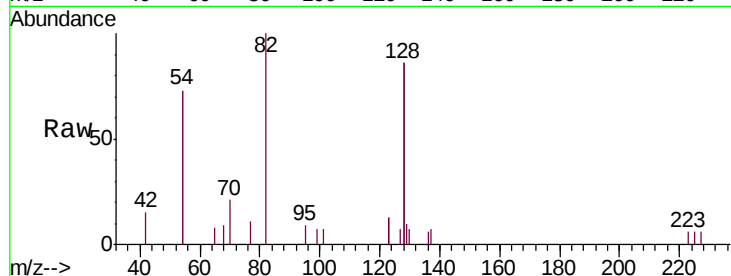
Tgt Ion: 82 Resp: 1500

Ion Ratio Lower Upper

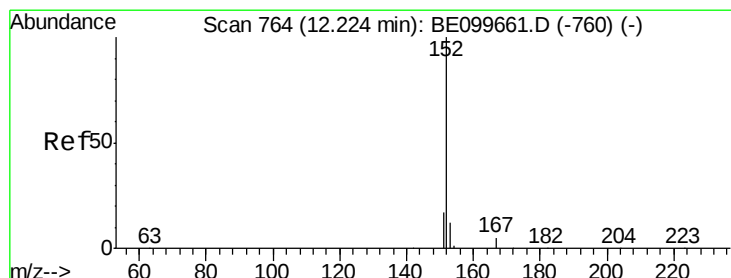
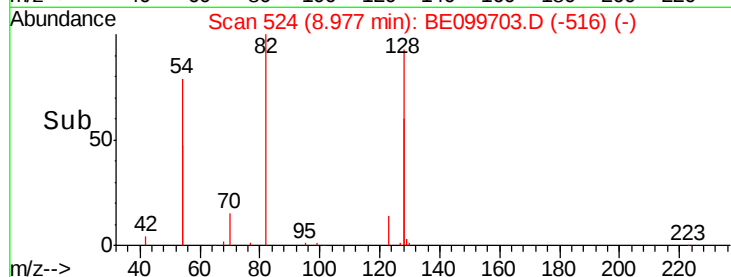
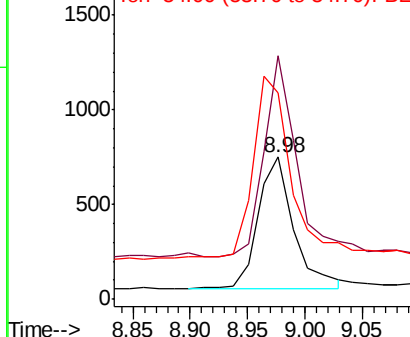
82 100

128 171.5 117.7 176.5

54 145.6 106.6 160.0



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: 0.313 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099703.D

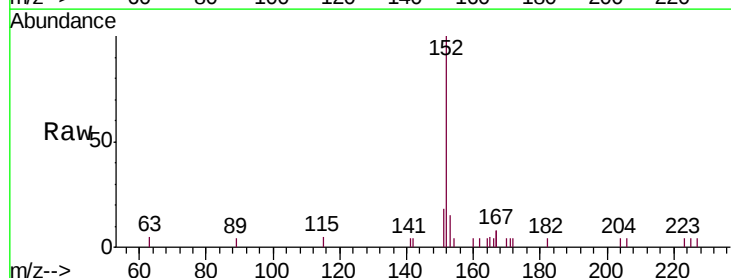
Acq: 21 May 2019 23:33

Tgt Ion: 152 Resp: 2684

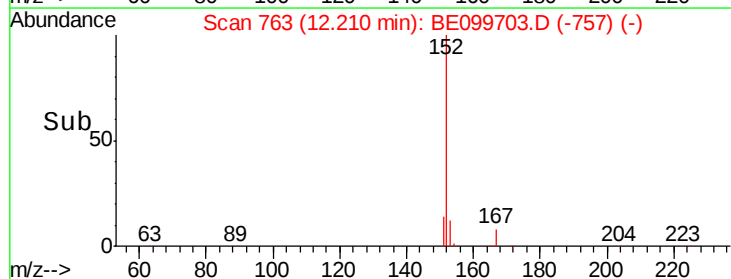
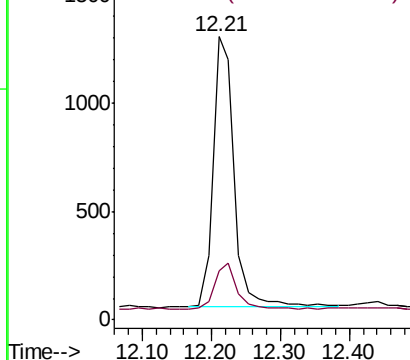
Ion Ratio Lower Upper

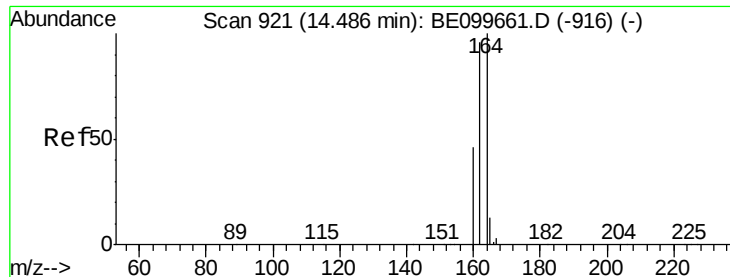
152 100

151 18.5 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

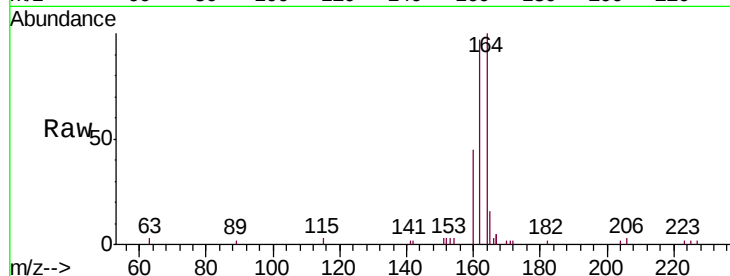




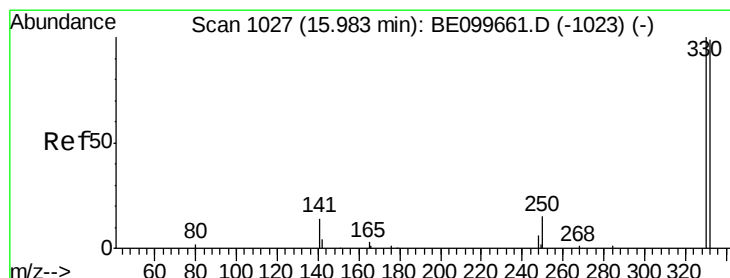
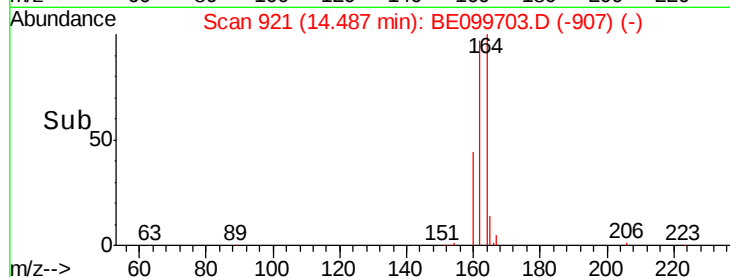
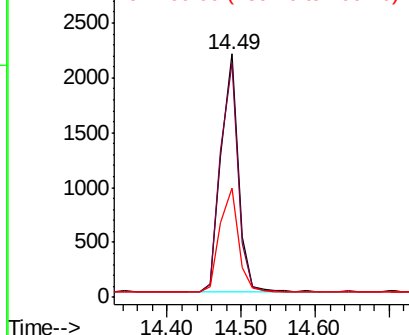
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099703.D
Acq: 21 May 2019 23:33

Instrument :
BNA_E
ClientSampleId :
FESB-6(4.5-5)

Tgt Ion:164 Resp: 3526
Ion Ratio Lower Upper
164 100
162 96.6 76.5 114.7
160 45.1 37.4 56.2

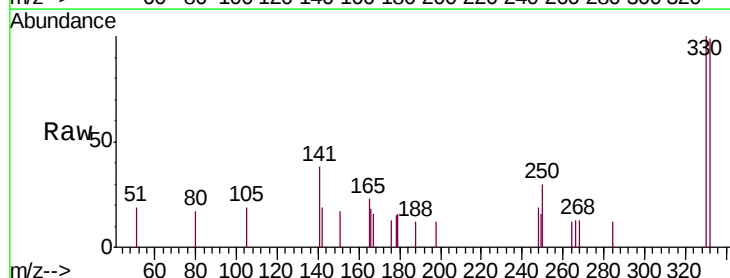


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

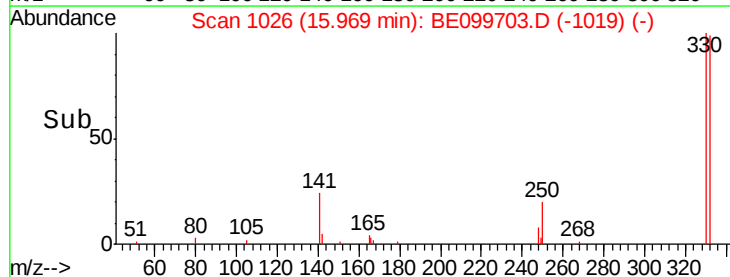
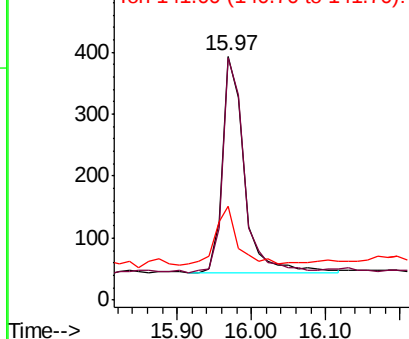


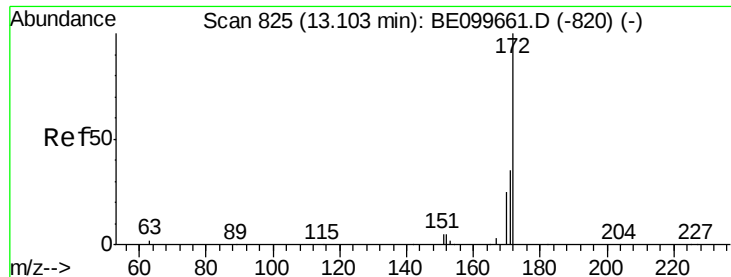
#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099703.D
Acq: 21 May 2019 23:33

Tgt Ion:330 Resp: 729
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 24.4 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

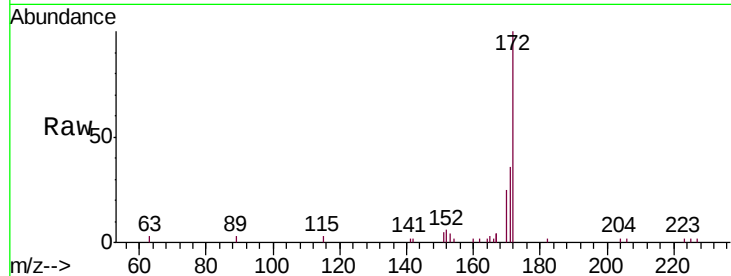




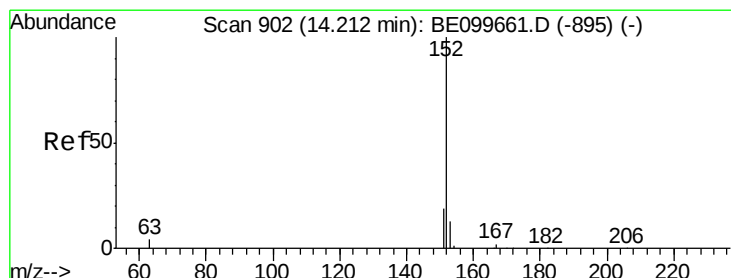
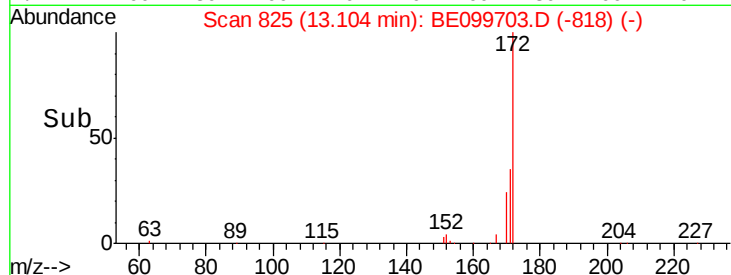
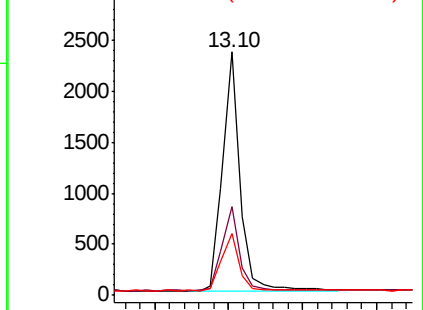
#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099703.D
Acq: 21 May 2019 23:33

Instrument :
BNA_E
ClientSampleId :
FESB-6(4.5-5)

Tgt Ion:172 Resp: 3840
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 25.2 20.9 31.3

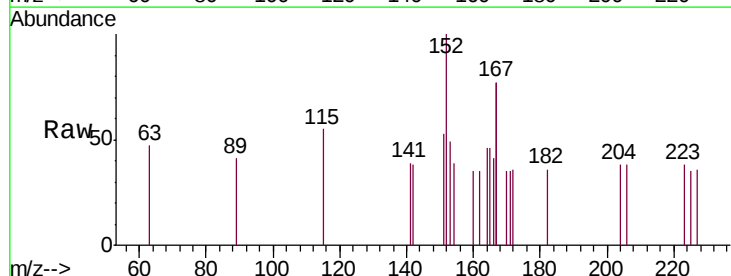


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

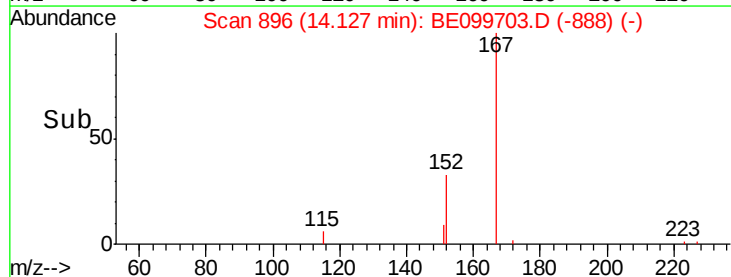
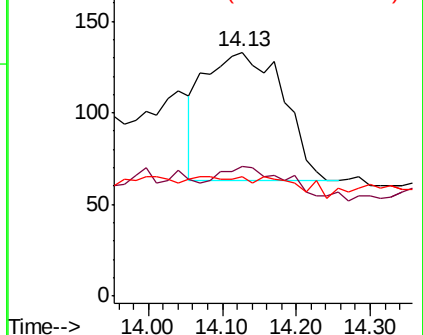


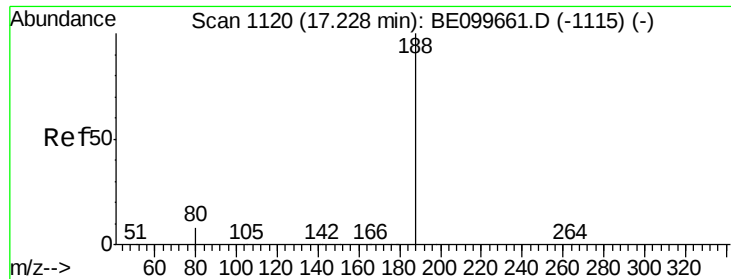
#16
Acenaphthylene
Concen: 0.032 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.09 min
Lab File: BE099703.D
Acq: 21 May 2019 23:33

Tgt Ion:152 Resp: 519
Ion Ratio Lower Upper
152 100
151 24.7 15.9 23.9#
153 0.0 10.6 16.0#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099703.D

Acq: 21 May 2019 23:33

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

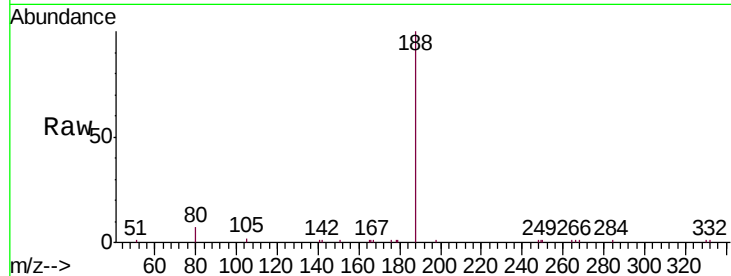
Tgt Ion:188 Resp: 10404

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

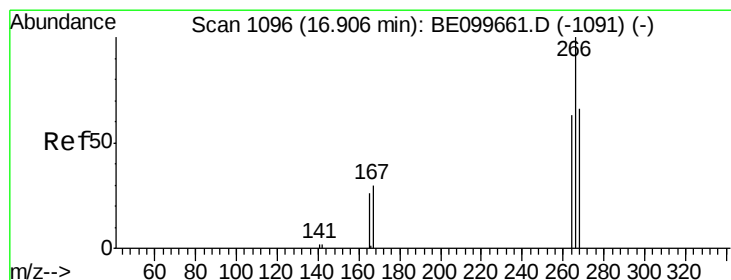
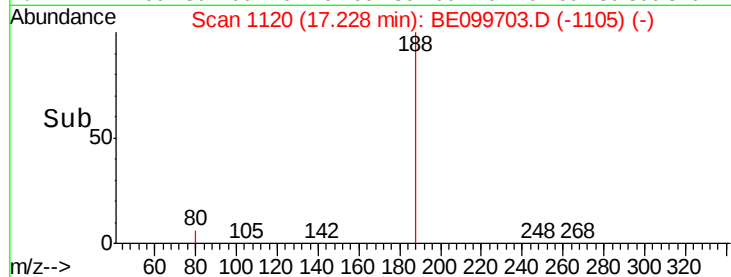
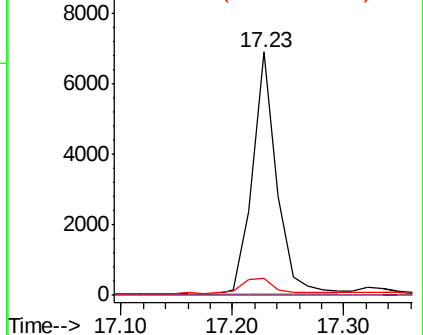
80 7.0 6.7 10.1



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: 0.191 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099703.D

Acq: 21 May 2019 23:33

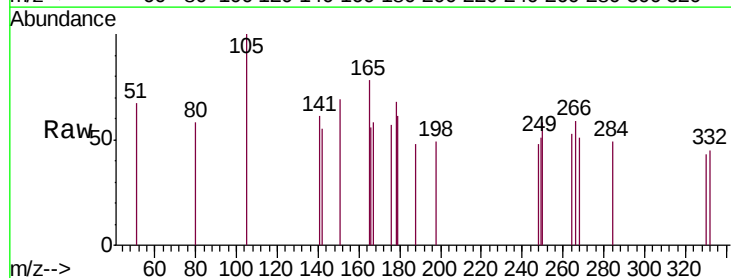
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 88.9 57.2 85.8#

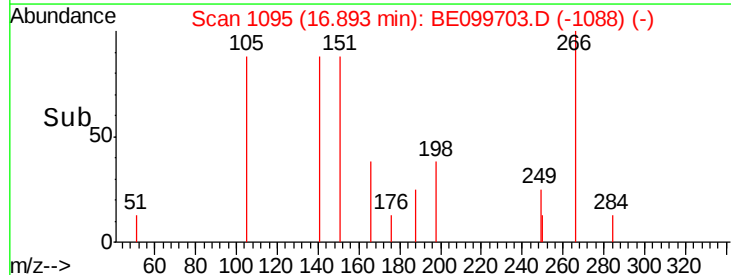
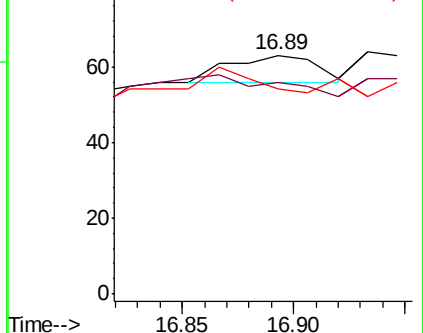
268 85.7 60.5 90.7

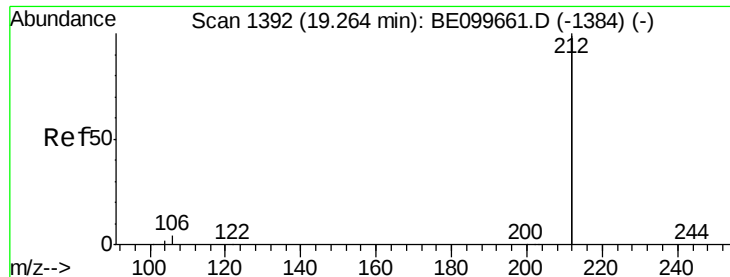


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.271 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099703.D

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Instrument :

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FESB-6(4.5-5)

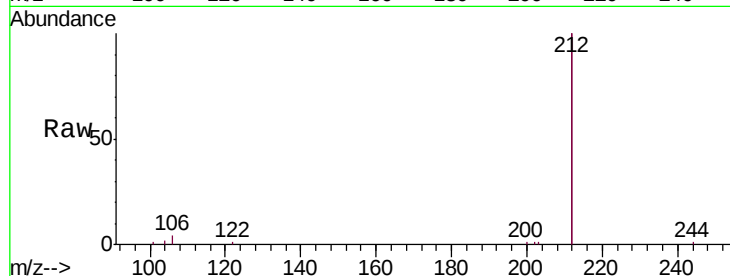
Tgt Ion:212 Resp: 38538

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

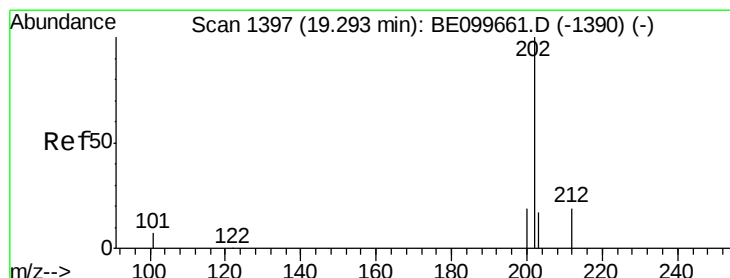
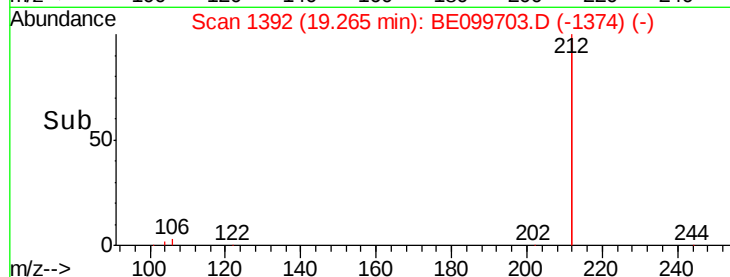
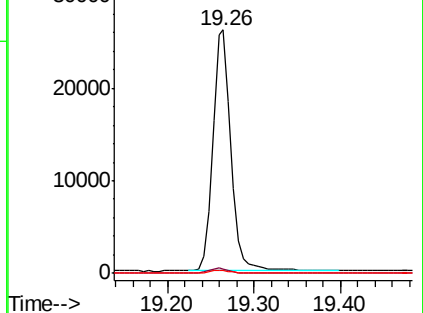
104 1.1 0.8 1.2



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



#26

Fluoranthene

Concen: 0.021 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE099703.D

Acq: 21 May 2019 23:33

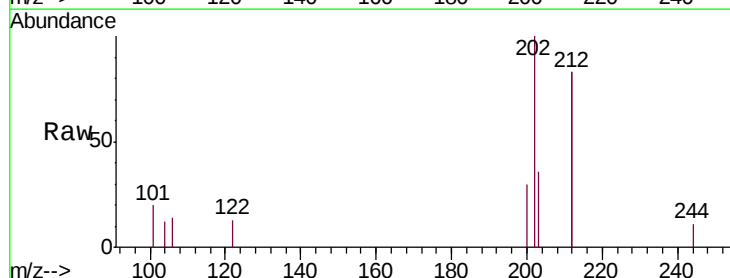
Tgt Ion:202 Resp: 825

Ion Ratio Lower Upper

202 100

101 9.2 5.2 7.8#

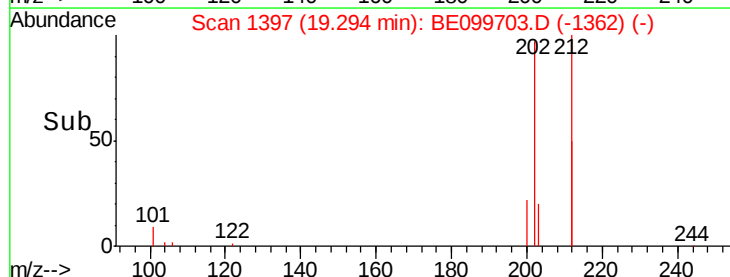
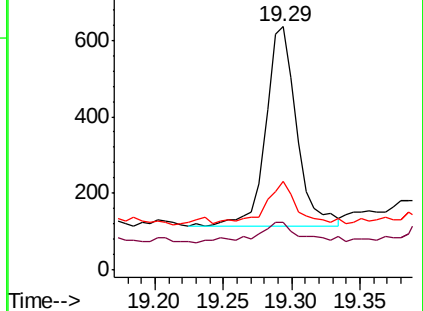
203 19.3 13.8 20.6

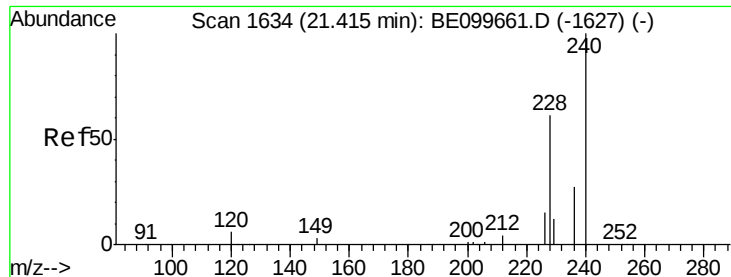


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099703.D

Acq: 21 May 2019 23:33

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

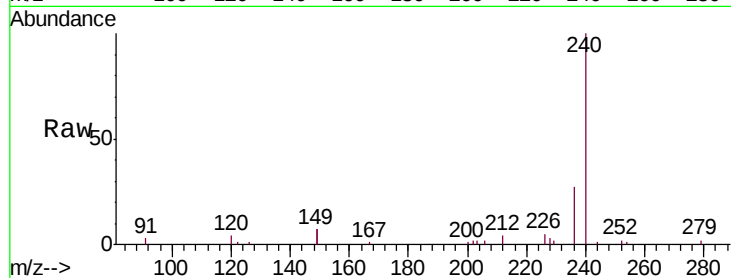
Tgt Ion:240 Resp: 14937

Ion Ratio Lower Upper

240 100

120 4.2 5.4 8.0#

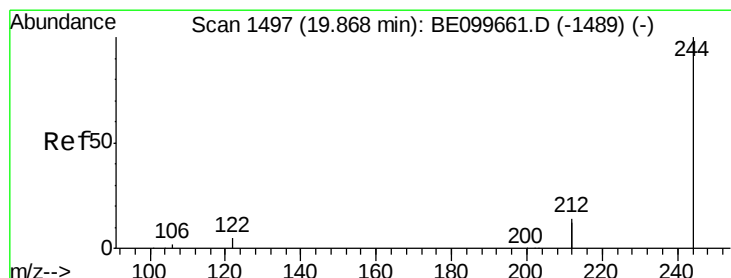
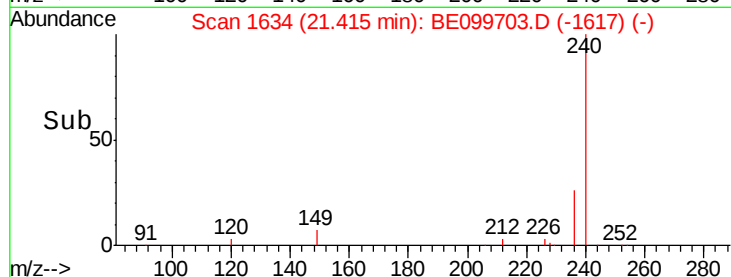
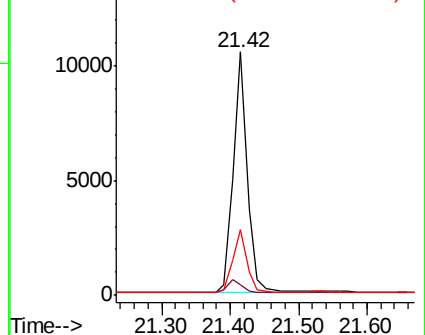
236 27.0 21.7 32.5



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: 0.288 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099703.D

Acq: 21 May 2019 23:33

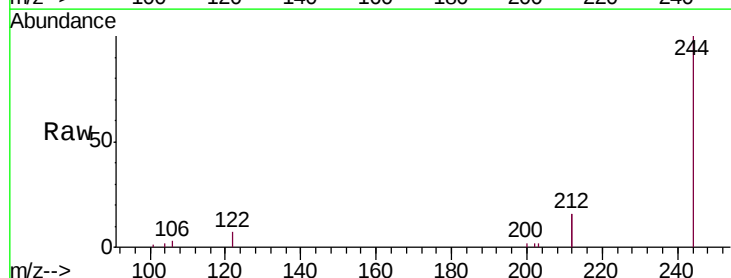
Tgt Ion:244 Resp: 7690

Ion Ratio Lower Upper

244 100

212 32.3 22.5 33.7

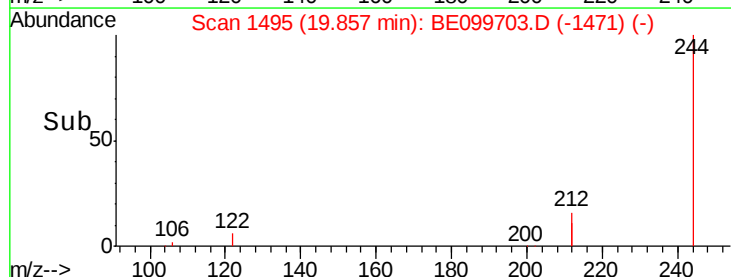
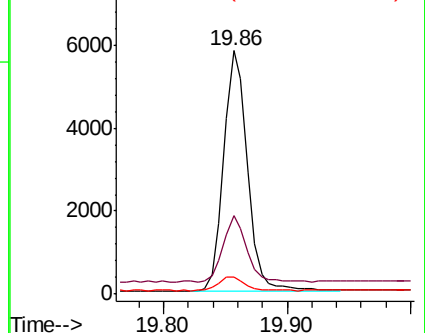
122 7.2 4.3 6.5#

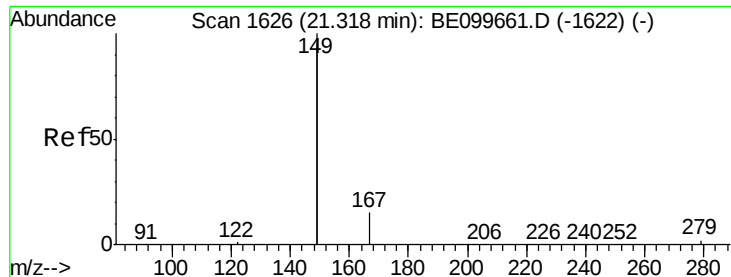


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.867 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099703.D

Acq: 21 May 2019 23:33

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

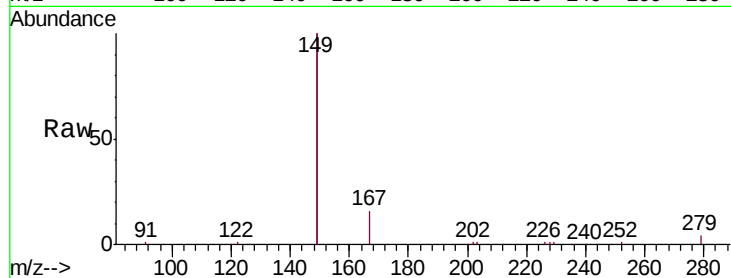
Tgt Ion:149 Resp: 91328

Ion Ratio Lower Upper

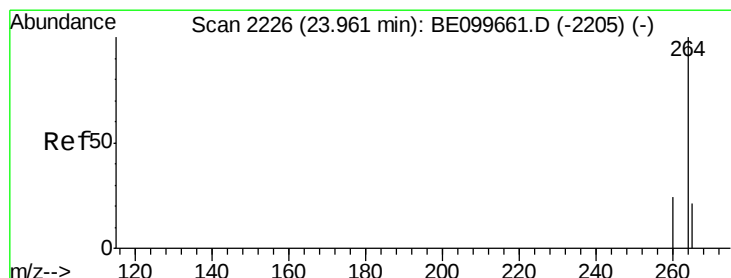
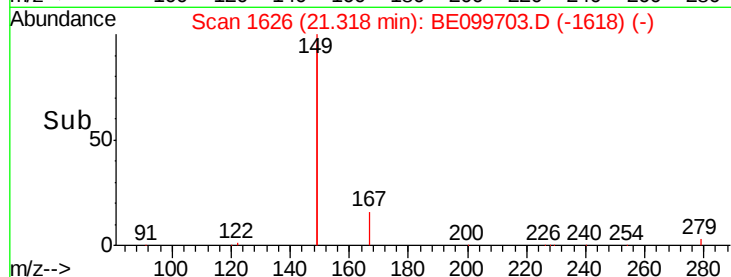
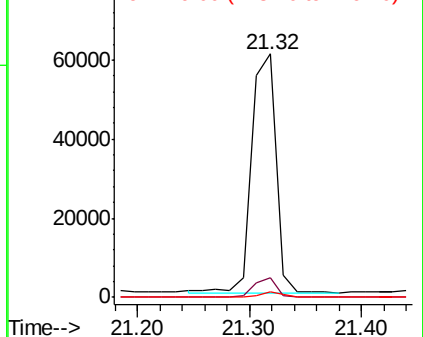
149 100

167 7.3 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: 23.95 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BE099703.D

Acq: 21 May 2019 23:33

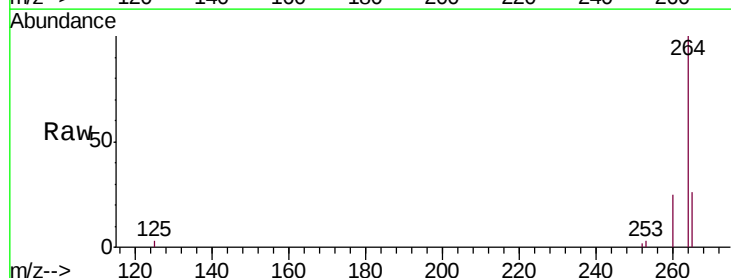
Tgt Ion:264 Resp: 18017

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 25.8 19.1 28.7



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

