

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
 Data File : BE099680.D
 Acq On : 21 May 2019 3:08
 Operator : JU/SJ
 Sample : K2944-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 21 07:34:16 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

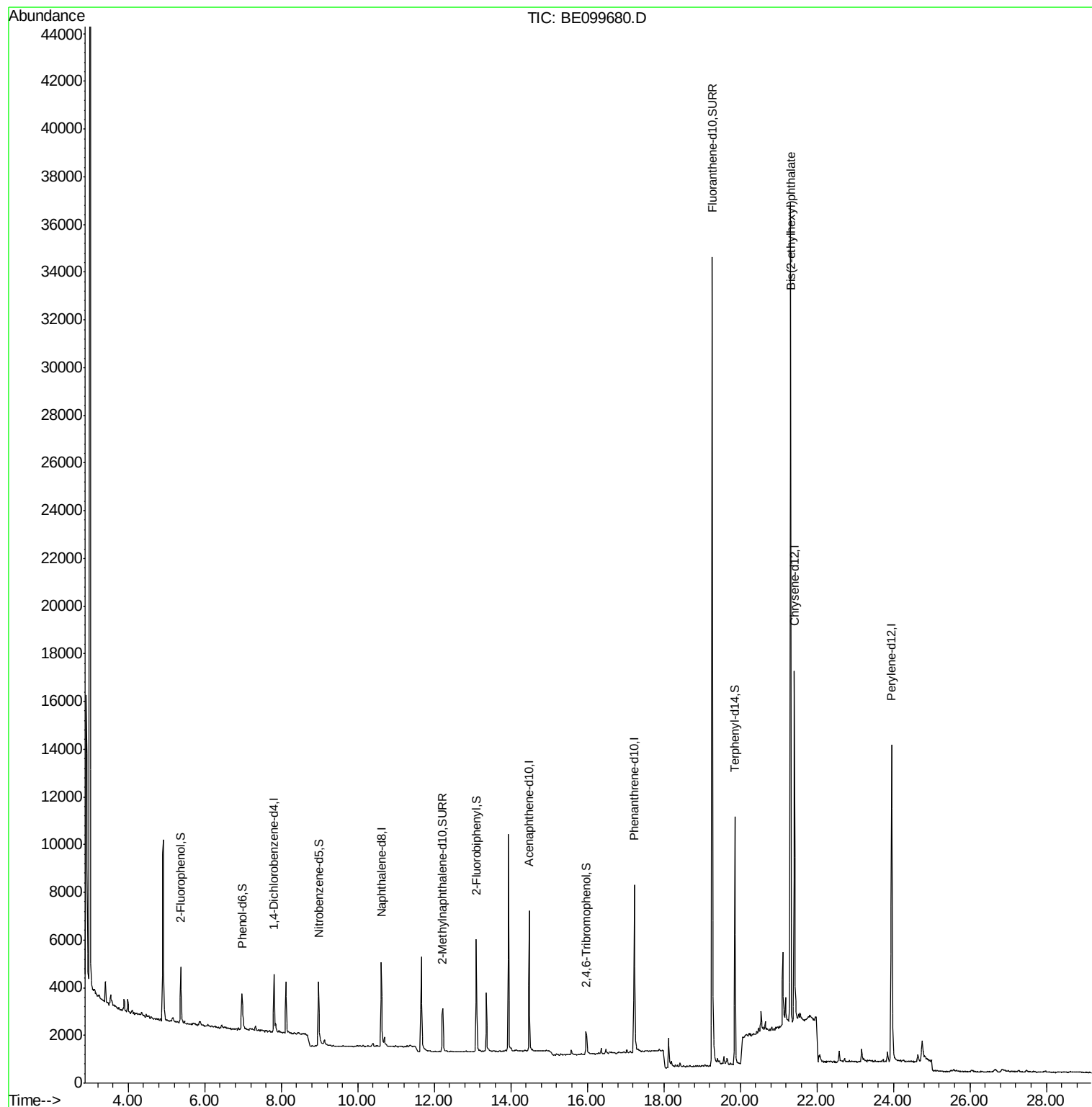
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1458	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4970	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3556	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11011	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15945	0.40	ng	0.00
34) Perylene-d12	23.95	264	20017	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1435	0.39	ng	0.00
5) Phenol-d6	6.97	99	1875	0.38	ng	0.00
8) Nitrobenzene-d5	8.98	82	1502	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3012	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	832	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4544	0.34	ng	0.00
25) Fluoranthene-d10	19.26	212	49888	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	10162	0.36	ng	-0.01
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.32	149	42978	0.823	ng	100

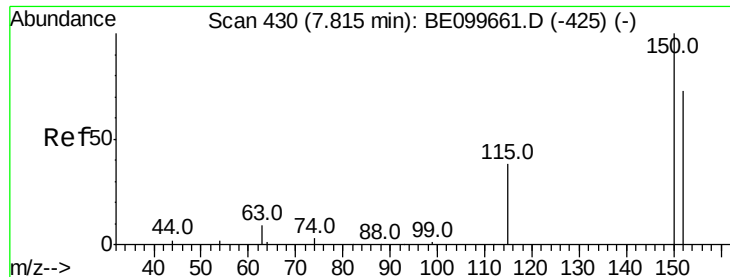
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099680.D

Acq: 21 May 2019 3:08

Instrument :

BNA_E

ClientSampleId :

FESB-3(4.5-5)

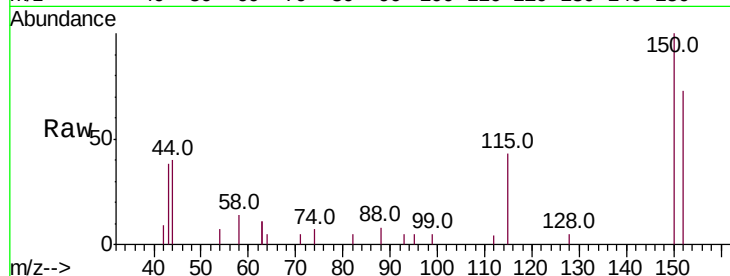
Tot Ion:152 Resp: 1458

Ion Ratio Lower Upper

152 100

150 137.6 109.2 163.8

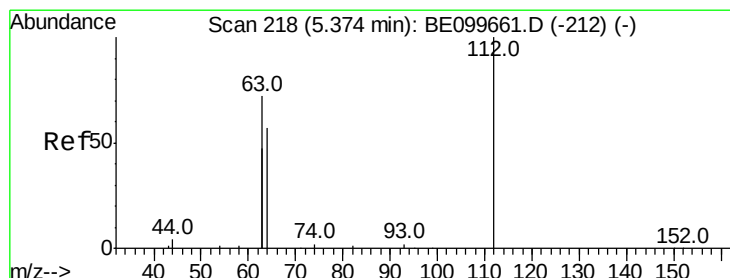
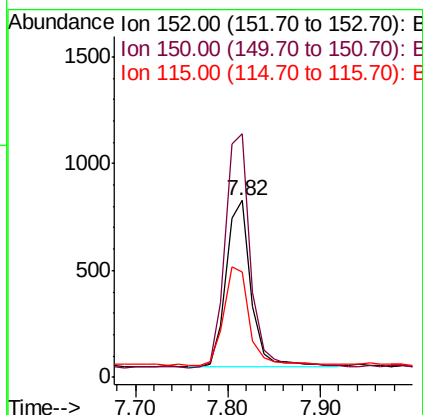
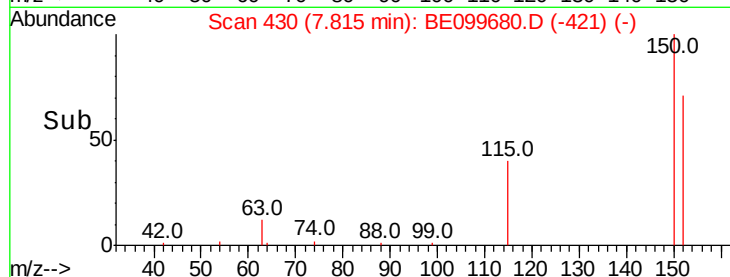
115 59.4 43.7 65.5



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: 0.389 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099680.D

Acq: 21 May 2019 3:08

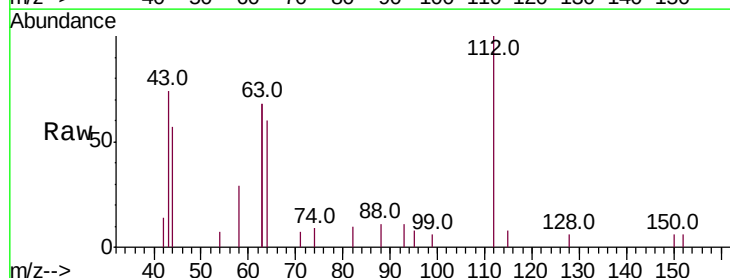
Tgt Ion:112 Resp: 1435

Ion Ratio Lower Upper

112 100

64 53.2 43.4 65.2

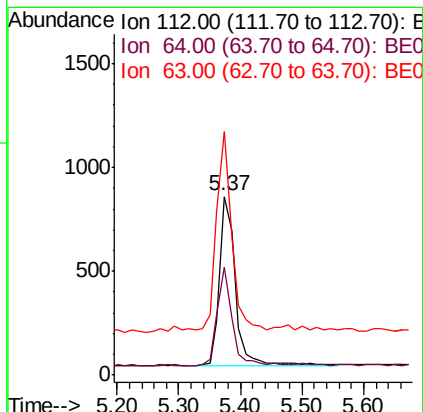
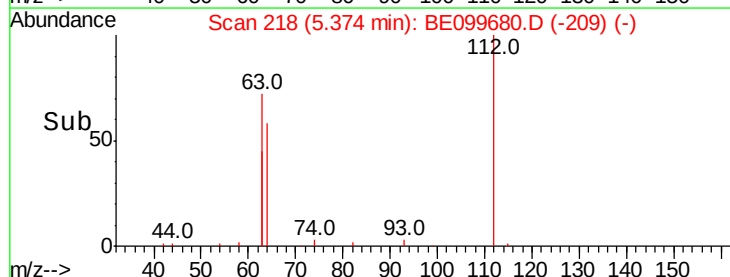
63 108.7 96.9 145.3

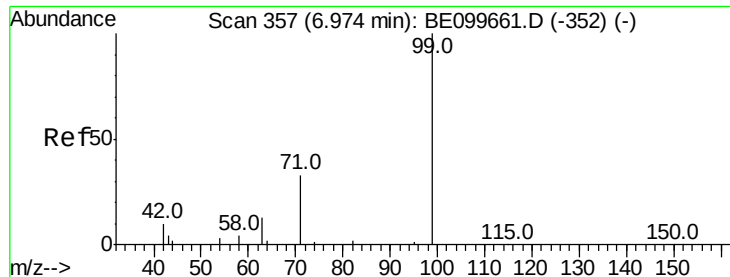


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.384 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099680.D

Acq: 21 May 2019 3:08

Instrument :

BNA_E

ClientSampleId :

FESB-3(4.5-5)

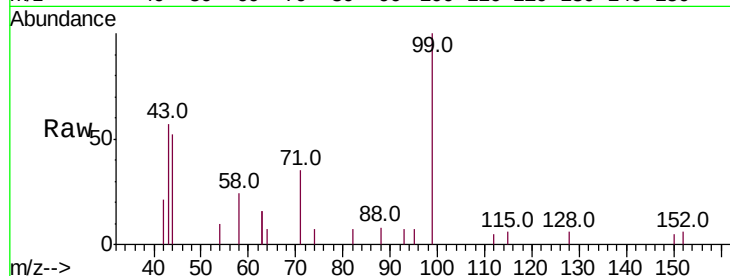
Tot Ion: 99 Resp: 1875

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

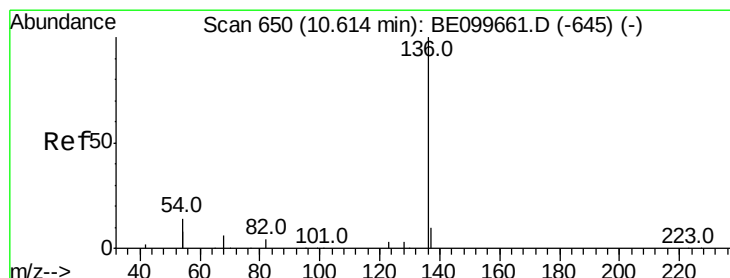
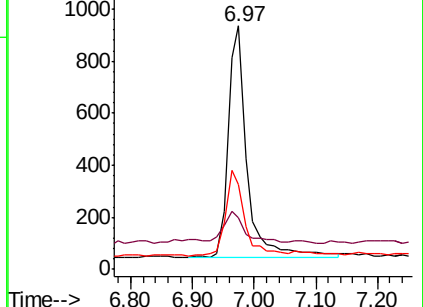
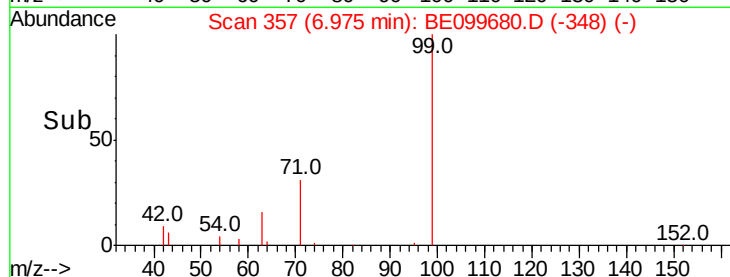
71 36.8 28.9 43.3



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: BE099680.D

Acq: 21 May 2019 3:08

Tgt Ion: 136 Resp: 4970

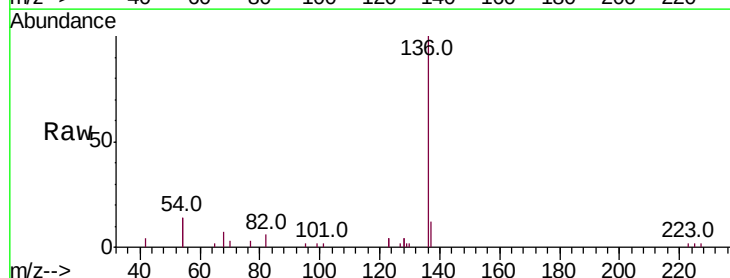
Ion Ratio Lower Upper

136 100

137 12.3 9.0 13.6

54 27.2 22.3 33.5

68 7.5 6.0 9.0

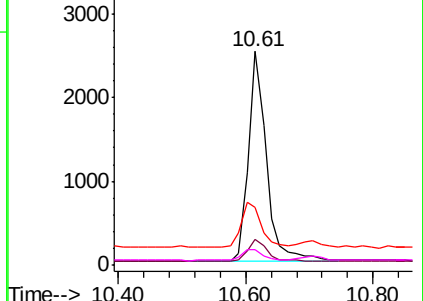
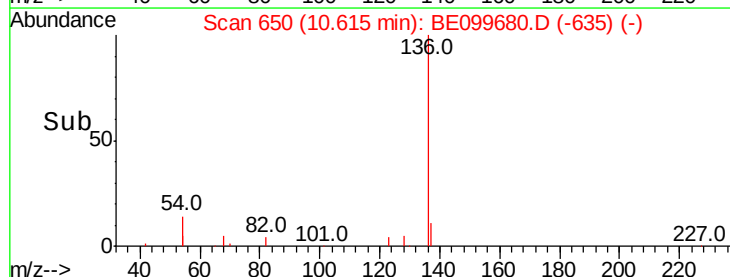


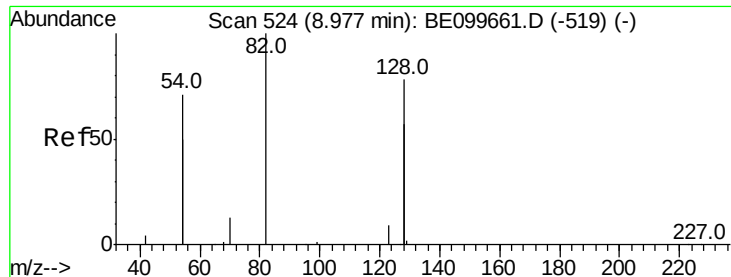
Abundance Ion 136.00 (135.70 to 136.70): E

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

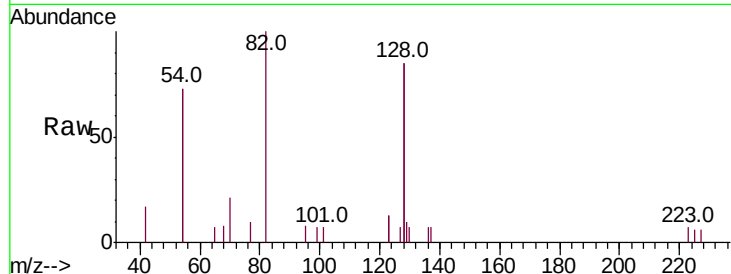




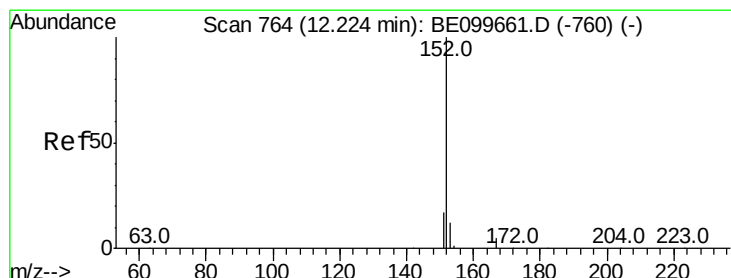
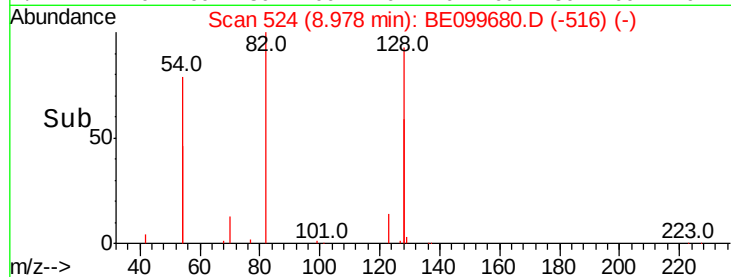
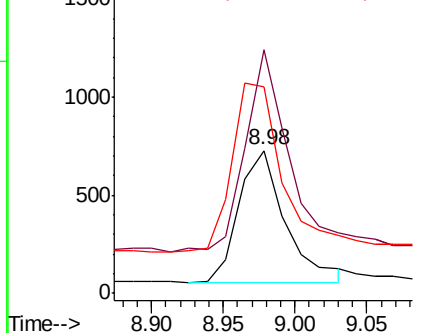
#8
 Nitrobenzene-d5
 Concen: 0.349 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BE099680.D
 Acq: 21 May 2019 3:08

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

Tot Ion: 82 Resp: 1502
 Ion Ratio Lower Upper
 82 100
 128 170.8 117.7 176.5
 54 145.2 106.6 160.0

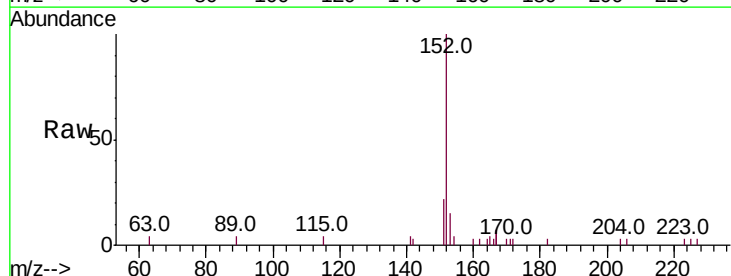


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

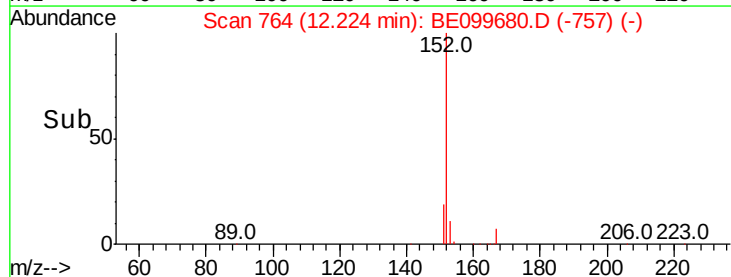
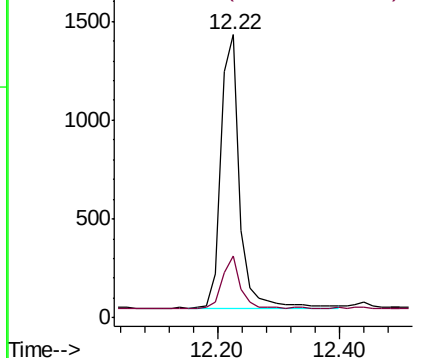


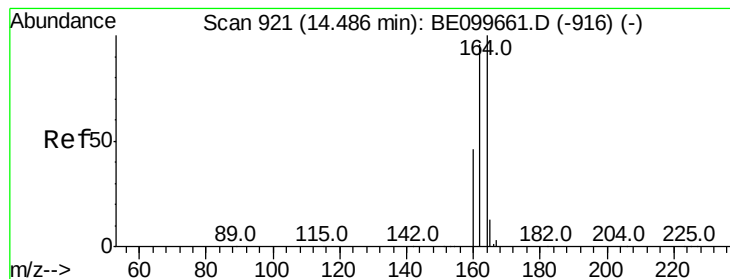
#11
 2-Methylnaphthalene-d10
 Concen: 0.351 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099680.D
 Acq: 21 May 2019 3:08

Tgt Ion: 152 Resp: 3012
 Ion Ratio Lower Upper
 152 100
 151 19.5 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: BE099680.D

Acq: 21 May 2019 3:08

Instrument :

BNA_E

ClientSampleId :

FESB-3(4.5-5)

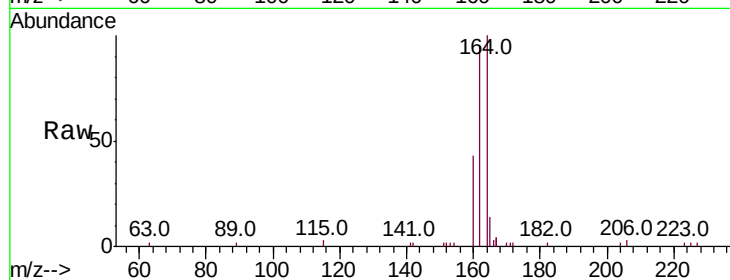
Tot Ion:164 Resp: 3556

Ion Ratio Lower Upper

164 100

162 95.3 76.5 114.7

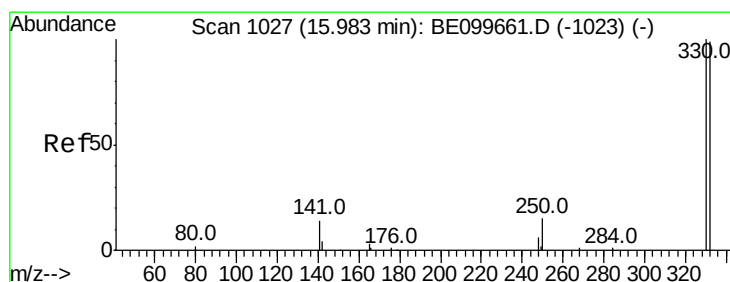
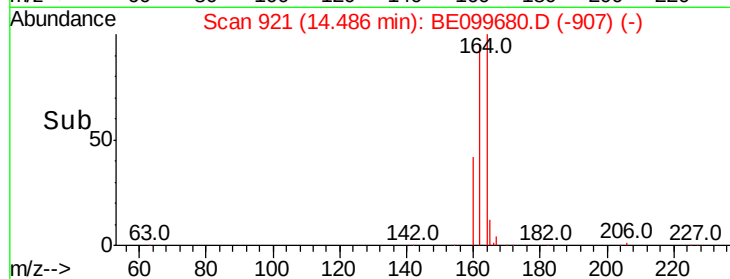
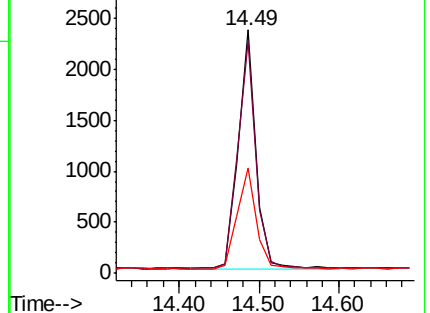
160 43.5 37.4 56.2



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: 0.437 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099680.D

Acq: 21 May 2019 3:08

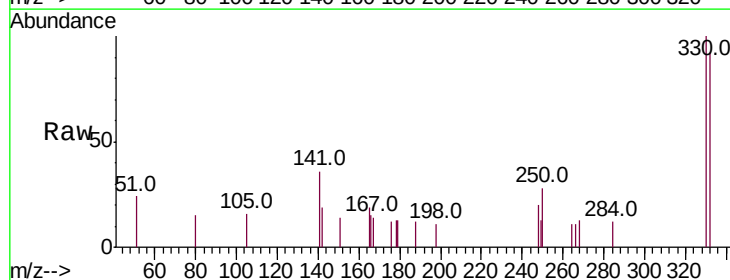
Tgt Ion:330 Resp: 832

Ion Ratio Lower Upper

330 100

332 94.0 77.3 115.9

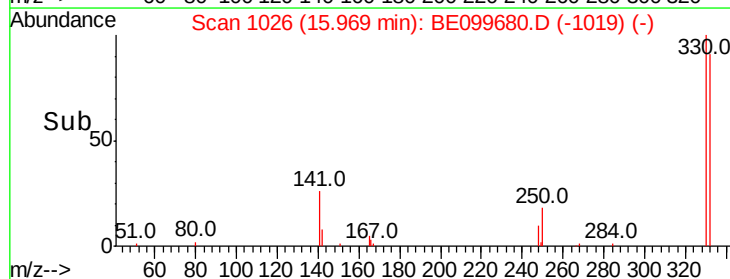
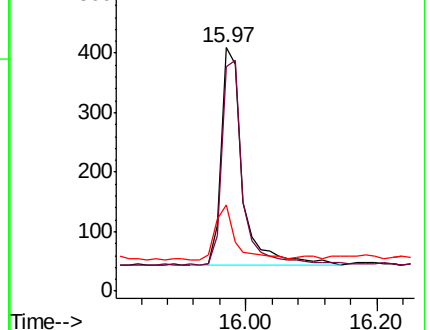
141 23.3 18.9 28.3

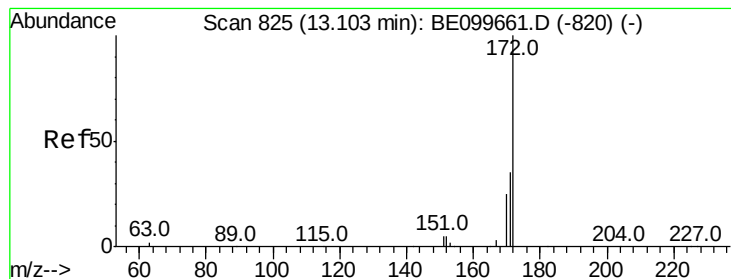


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.337 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099680.D

Acq: 21 May 2019 3:08

Instrument :

BNA_E

ClientSampleId :

FESB-3(4.5-5)

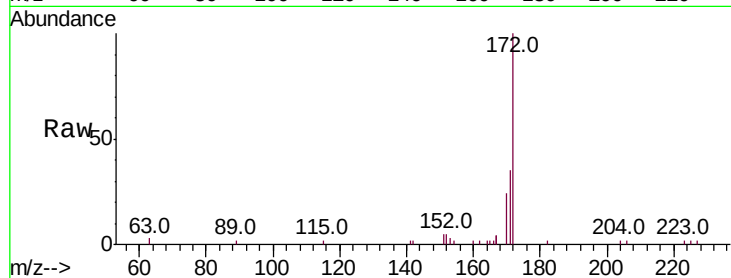
Tot Ion:172 Resp: 4544

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

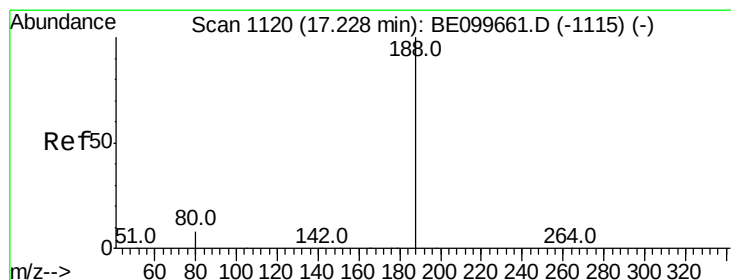
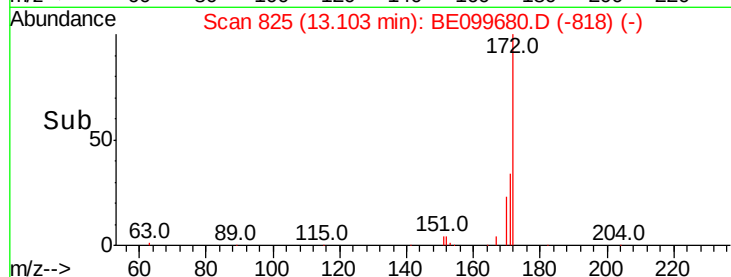
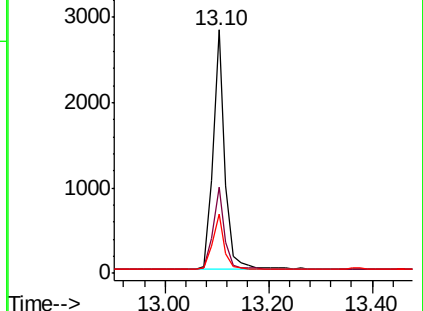
170 24.2 20.9 31.3



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099680.D

Acq: 21 May 2019 3:08

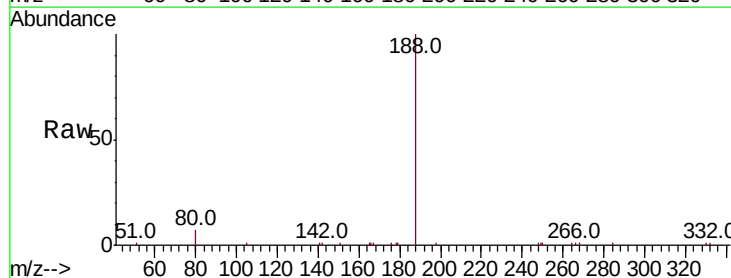
Tgt Ion:188 Resp: 11011

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

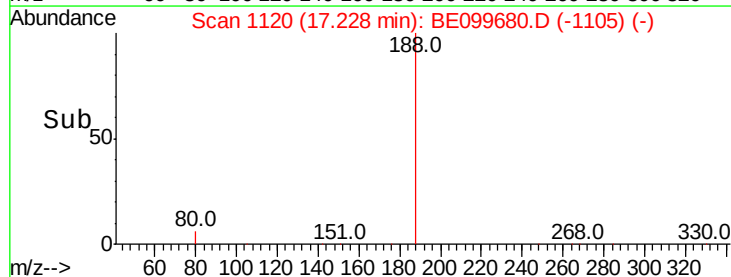
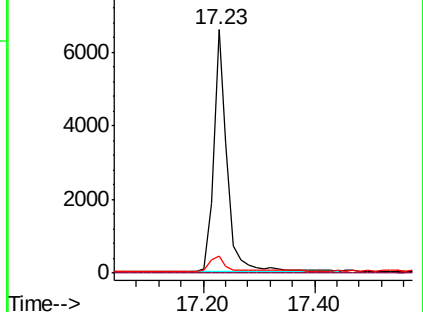
80 7.1 6.7 10.1

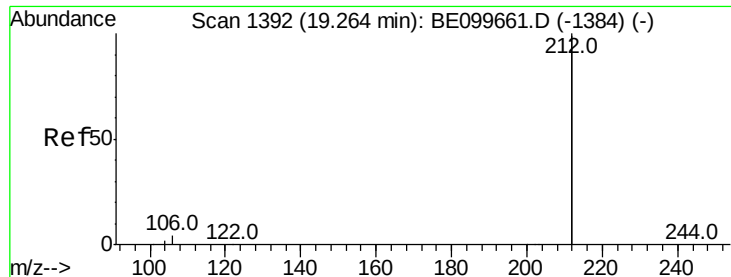


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099680.D

Acq: 21 May 2019 3:08

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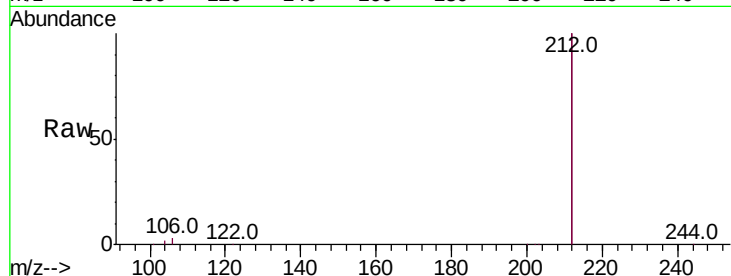
Tot Ion:212 Resp: 49888

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

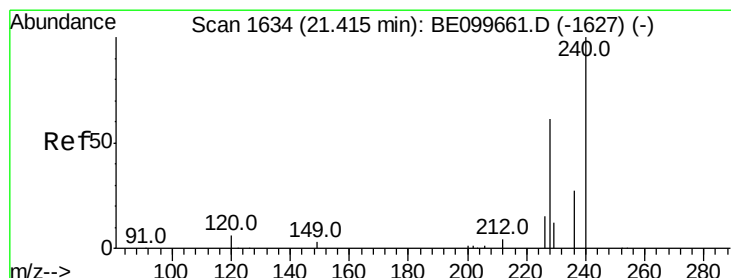
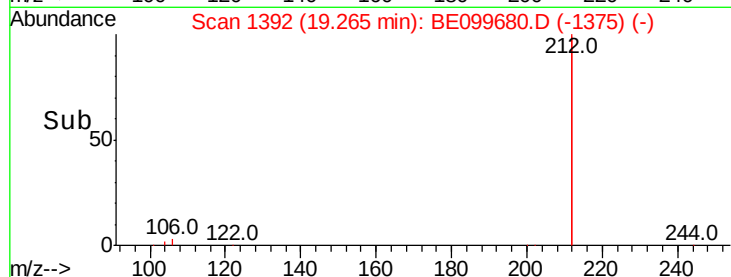
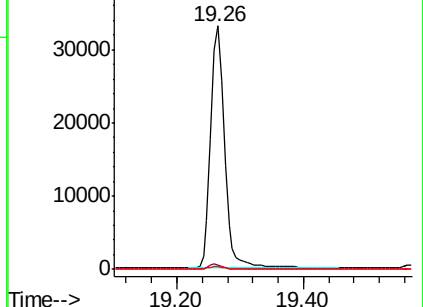
104 1.1 0.8 1.2



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: BE099680.D

Acq: 21 May 2019 3:08

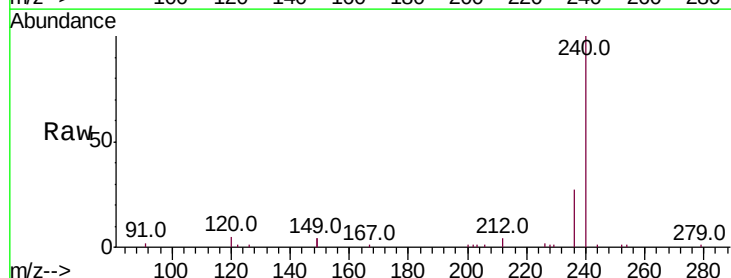
Tgt Ion:240 Resp: 15945

Ion Ratio Lower Upper

240 100

120 4.8 5.4 8.0#

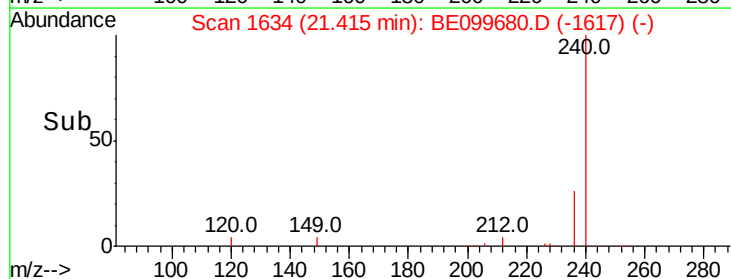
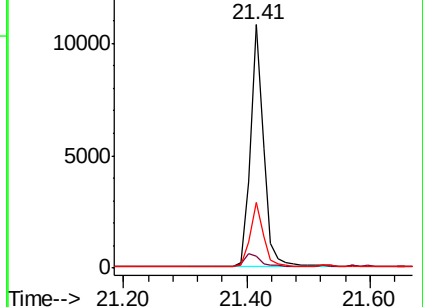
236 26.8 21.7 32.5

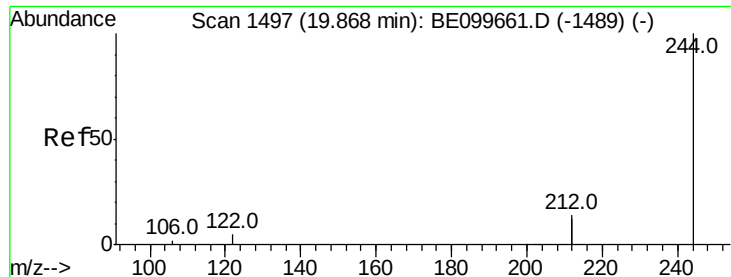


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.357 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099680.D

Acq: 21 May 2019 3:08

Instrument :

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FESB-3(4.5-5)

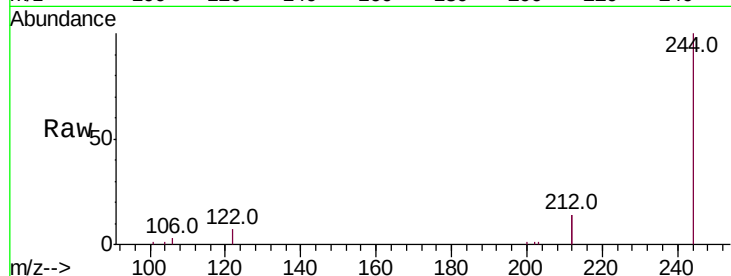
Tot Ion:244 Resp: 10162

Ion Ratio Lower Upper

244 100

212 28.5 22.5 33.7

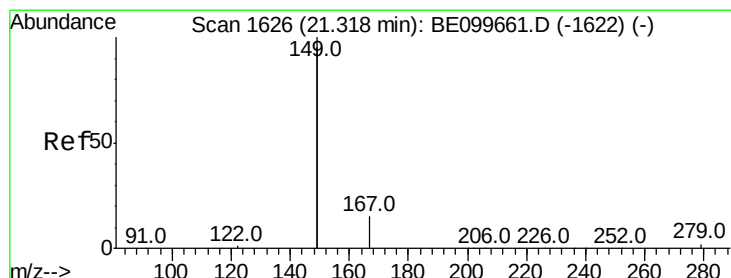
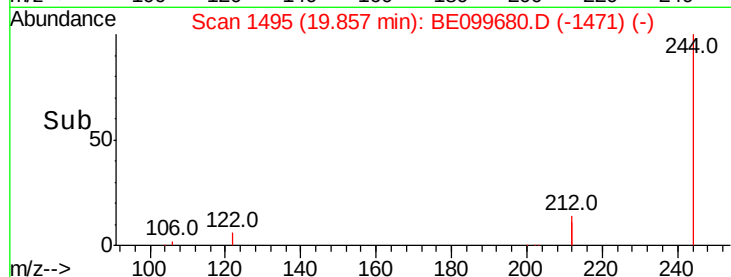
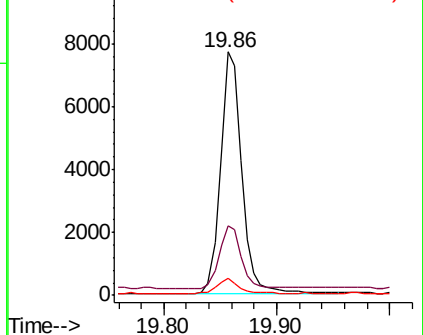
122 6.9 4.3 6.5#



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: 0.823 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099680.D

Acq: 21 May 2019 3:08

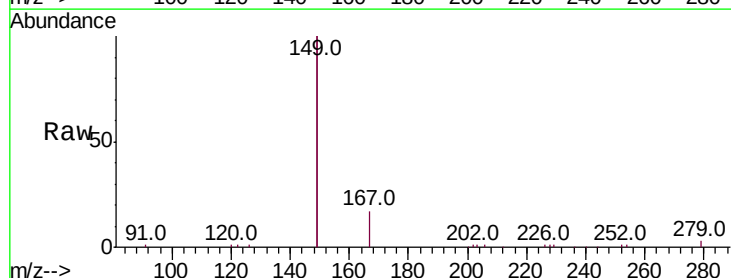
Tgt Ion:149 Resp: 42978

Ion Ratio Lower Upper

149 100

167 7.7 6.2 9.4

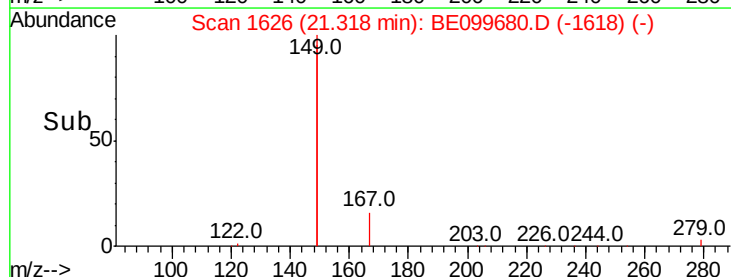
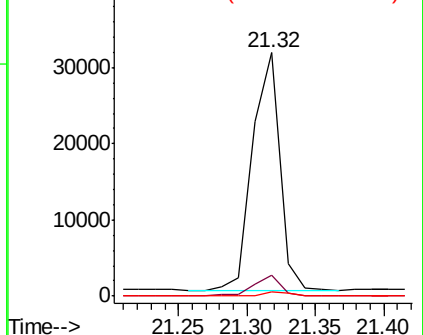
279 1.5 1.2 1.8

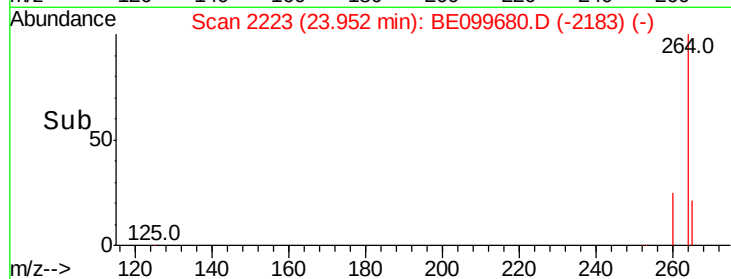
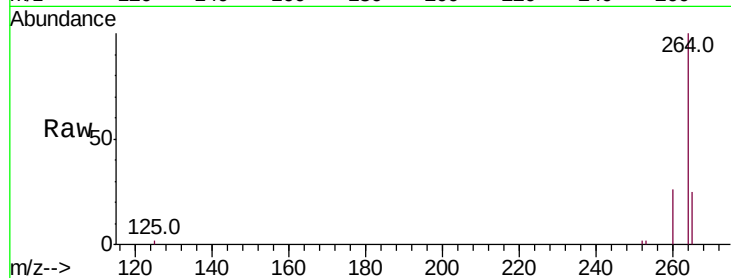
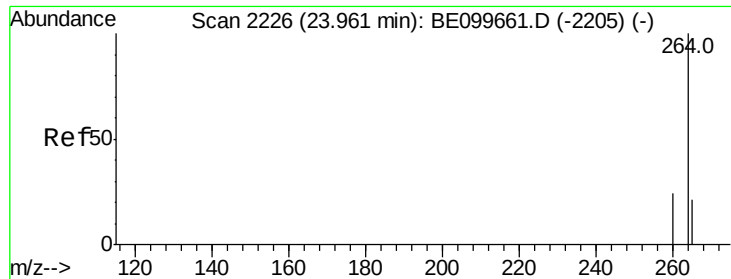


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BE099680.D

Acq: 21 May 2019 3:08

Instrument :

BNA_E

ClientSampleId :

FESB-3(4.5-5)

Tot Ion:264 Resp: 20017

Ion Ratio Lower Upper

264 100

260 25.5 19.6 29.4

265 24.7 19.1 28.7

