

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052919\
 Data File : BE099775.D
 Acq On : 29 May 2019 14:21
 Operator : JU/SJ
 Sample : K3076-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-08(6.5-7)

Quant Time: May 29 17:26:59 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

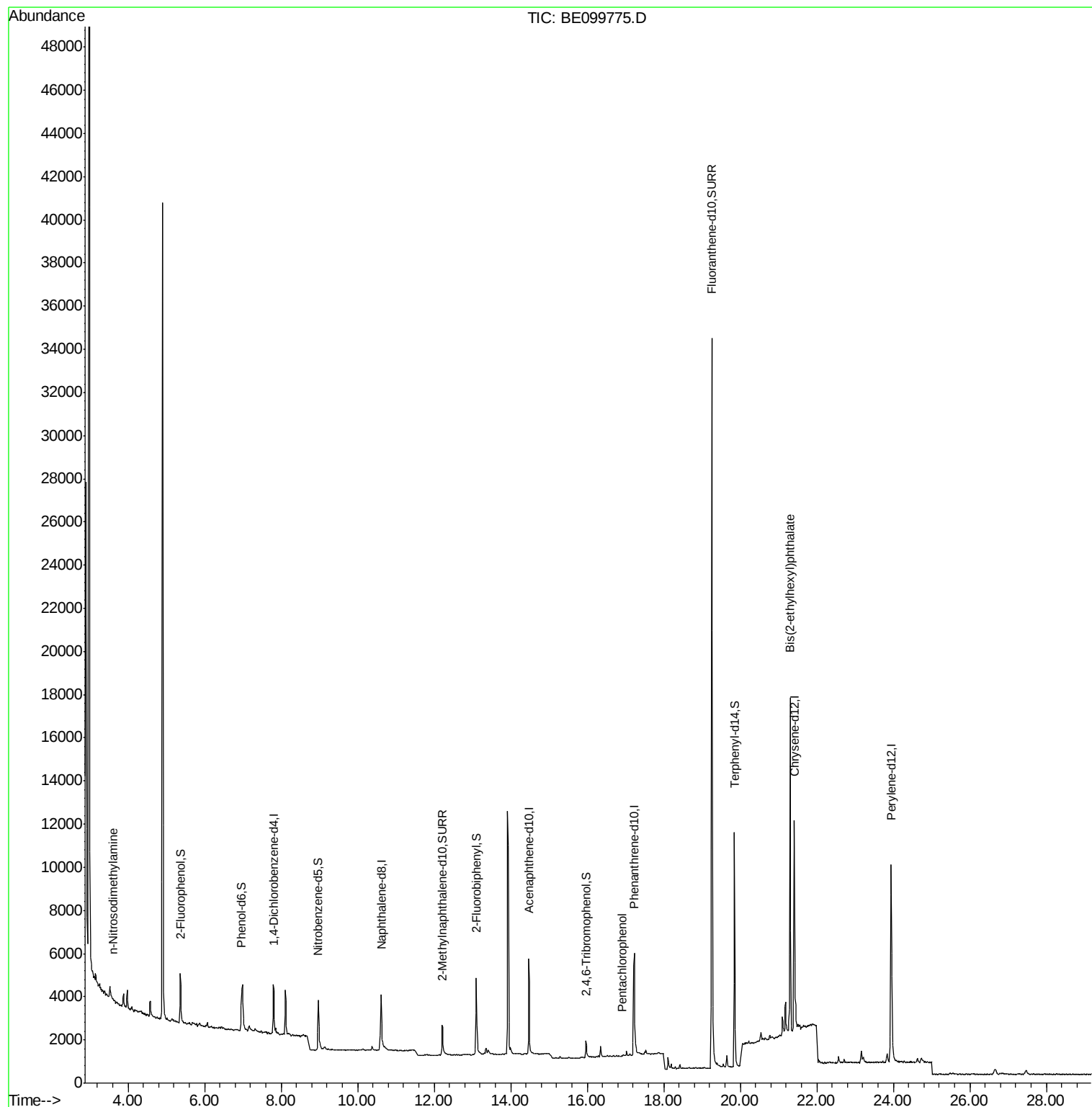
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1311	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4339	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3016	0.40	ng	-0.02
19) Phenanthrene-d10	17.23	188	9269	0.40	ng	0.00
27) Chrysene-d12	21.41	240	12955	0.40	ng	0.00
34) Perylene-d12	23.94	264	15289	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1441	0.43	ng	0.00
5) Phenol-d6	6.97	99	1846	0.42	ng	0.00
8) Nitrobenzene-d5	8.96	82	1450	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2763	0.37	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	676	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4114	0.36	ng	0.00
25) Fluoranthene-d10	19.25	212	49737	0.39	ng	-0.01
29) Terphenyl-d14	19.85	244	10572	0.46	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.60	42	103	0.096	ng	# 1
22) Pentachlorophenol	16.92	266	10	0.187	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.30	149	16985	0.400	ng	100

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

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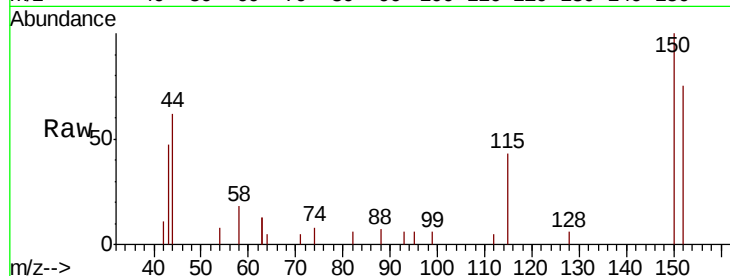


#1

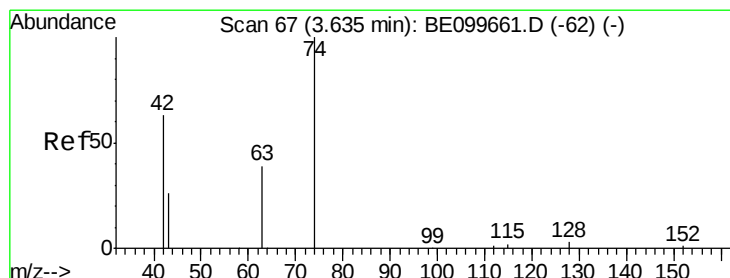
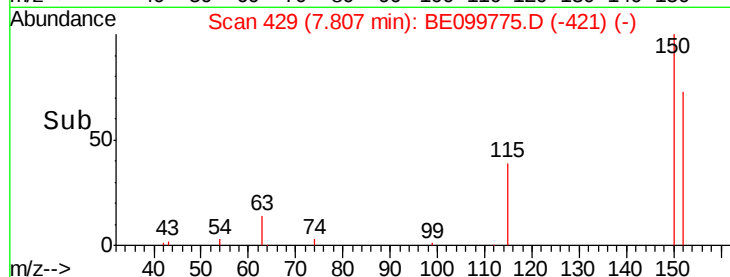
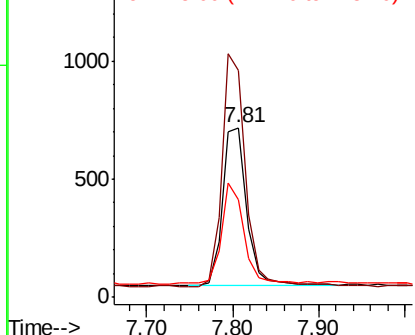
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099775.D
Acq: 29 May 2019 14:21

Instrument :
BNA_E
ClientSampleId :
FESB-08(6.5-7)

Tot Ion:152 Resp: 1311
Ion Ratio Lower Upper
152 100
150 133.7 109.2 163.8
115 57.7 43.7 65.5



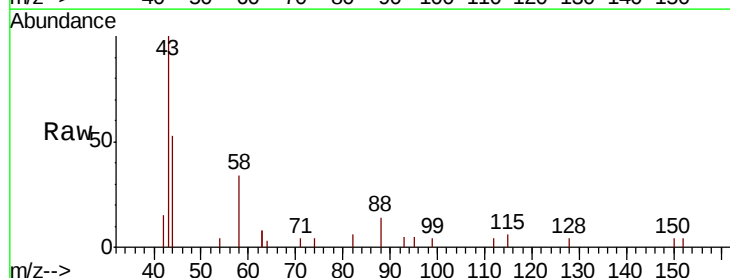
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



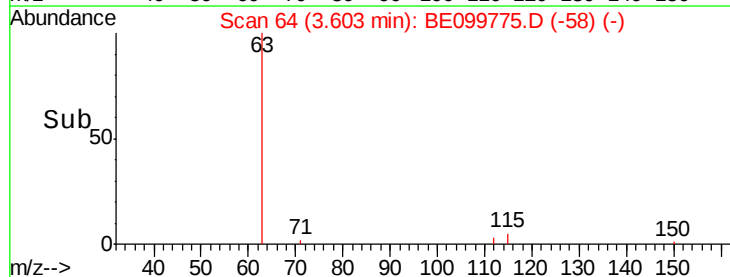
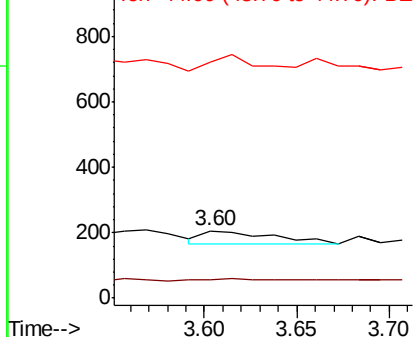
#3

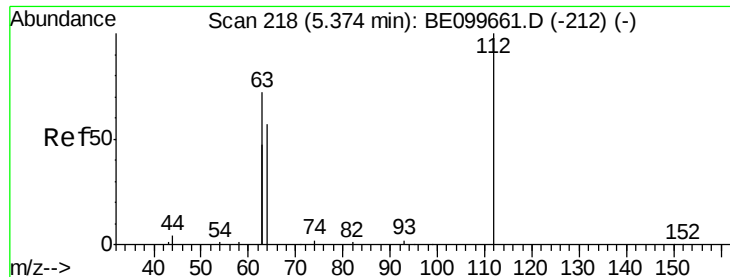
n-Nitrosodimethylamine
Concen: 0.096 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.03 min
Lab File: BE099775.D
Acq: 29 May 2019 14:21

Tgt Ion: 42 Resp: 103
Ion Ratio Lower Upper
42 100
74 20.4 129.2 193.8#
44 77.7 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: 0.435 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099775.D

Acq: 29 May 2019 14:21

Instrument :

BNA_E

ClientSampleId :

FESB-08(6.5-7)

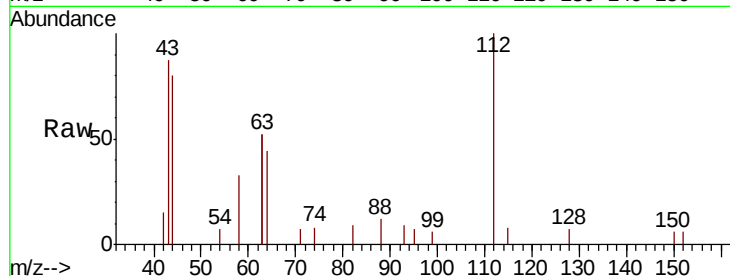
Tot Ion:112 Resp: 1441

Ion Ratio Lower Upper

112 100

64 53.9 43.4 65.2

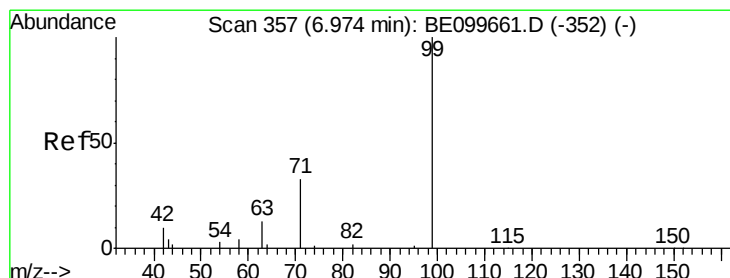
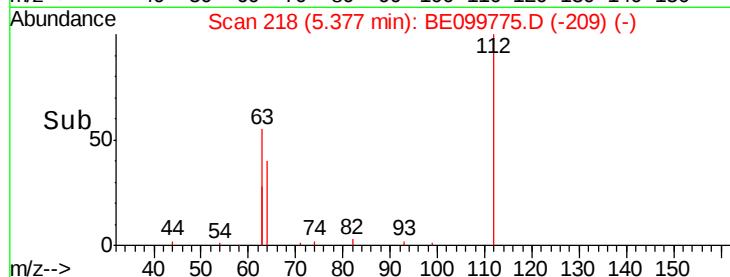
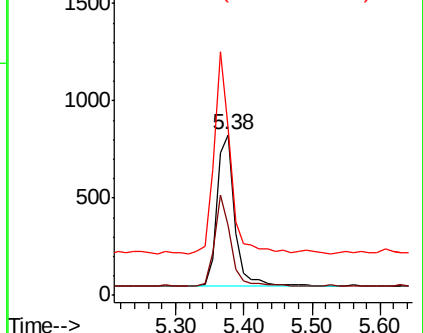
63 121.2 96.9 145.3



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: 0.421 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099775.D

Acq: 29 May 2019 14:21

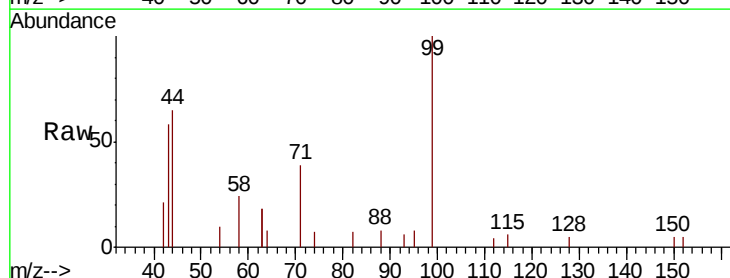
Tgt Ion: 99 Resp: 1846

Ion Ratio Lower Upper

99 100

42 19.2 12.2 18.2#

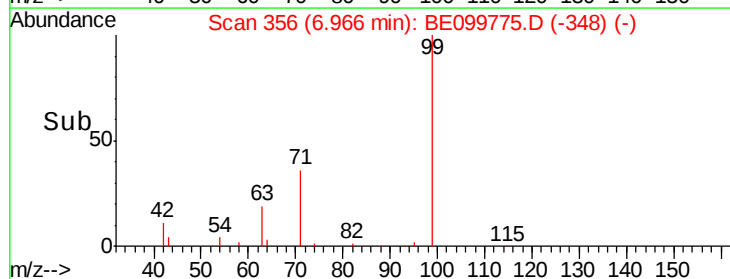
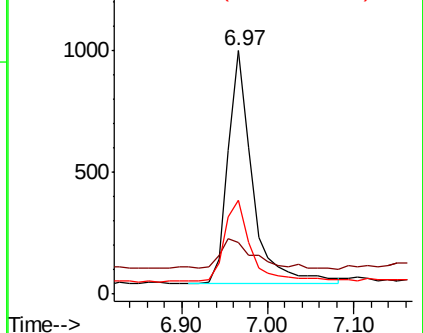
71 38.8 28.9 43.3

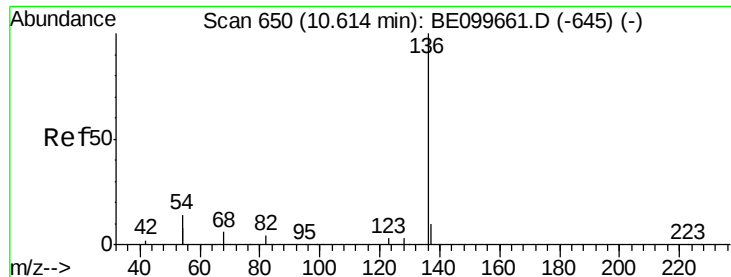


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099775.D

Acq: 29 May 2019 14:21

Instrument :

BNA_E

ClientSampleId :

FESB-08(6.5-7)

Tot Ion:136 Resp: 4339

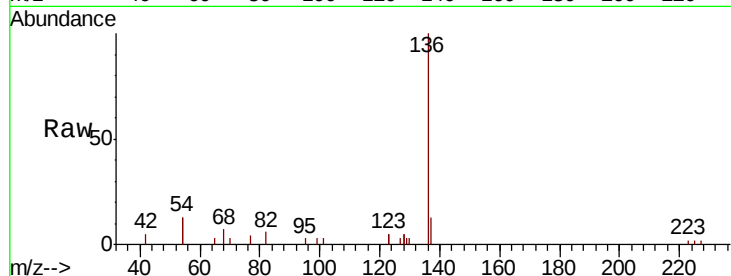
Ion Ratio Lower Upper

136 100

137 13.3 9.0 13.6

54 26.1 22.3 33.5

68 7.4 6.0 9.0



Abundance Ion 136.00 (135.70 to 136.70): E

3000 Ion 137.00 (136.70 to 137.70): E

2500 Ion 54.00 (53.70 to 54.70): BE0

2000 Ion 68.00 (67.70 to 68.70): BE0

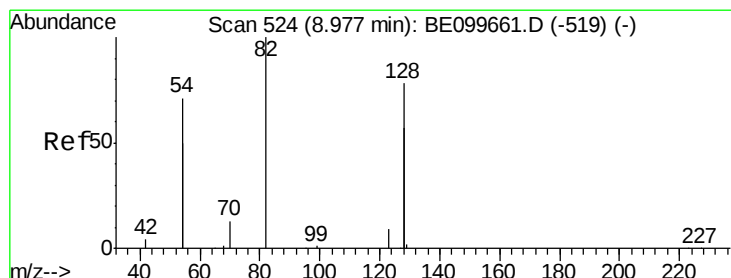
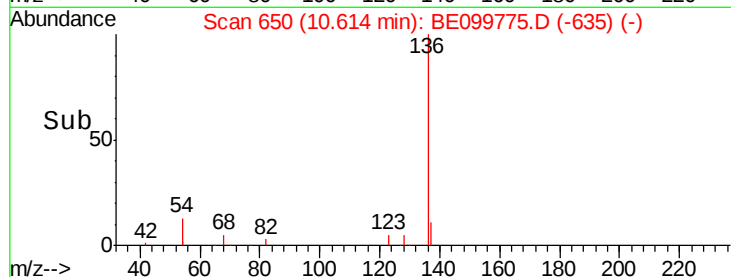
1500

1000

500

0

Time--> 10.40 10.60 10.80



#8

Nitrobenzene-d5

Concen: 0.386 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099775.D

Acq: 29 May 2019 14:21

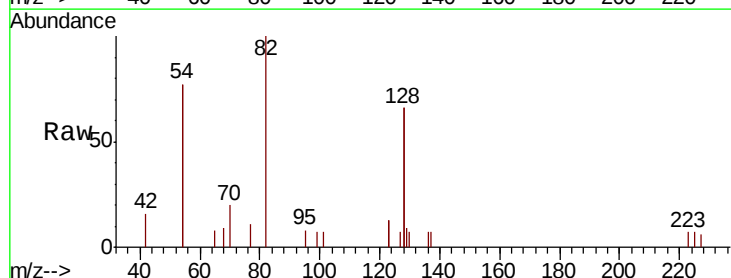
Tgt Ion: 82 Resp: 1450

Ion Ratio Lower Upper

82 100

128 132.9 117.7 176.5

54 154.7 106.6 160.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

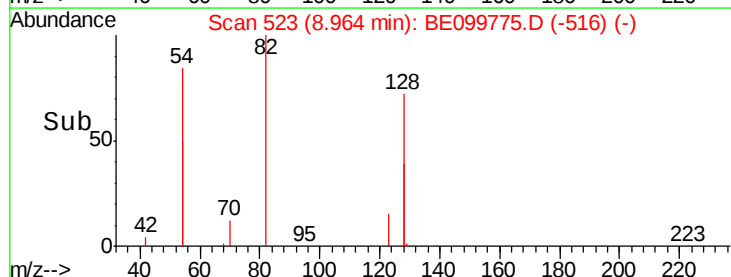
1500 Ion 128.00 (127.70 to 128.70): E

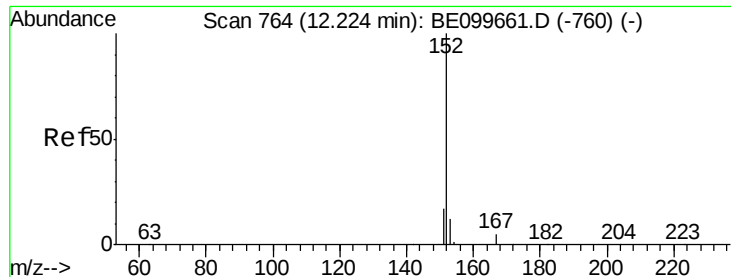
1000 Ion 54.00 (53.70 to 54.70): BE0

500

0

Time--> 8.90 8.95 9.00 9.05

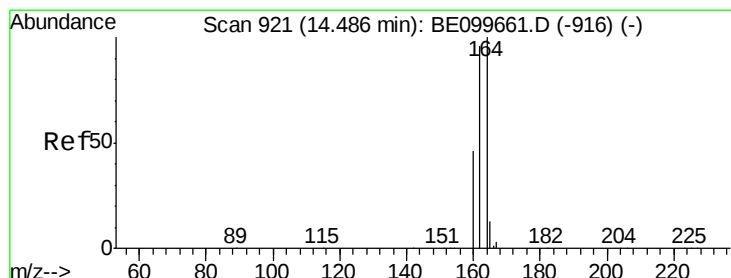
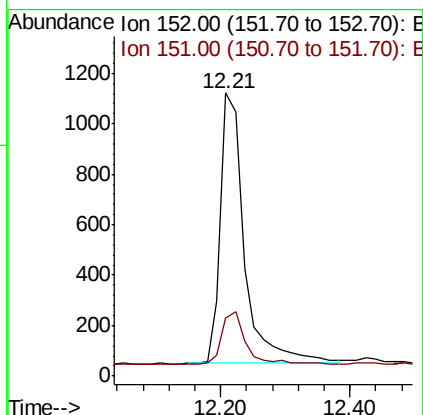
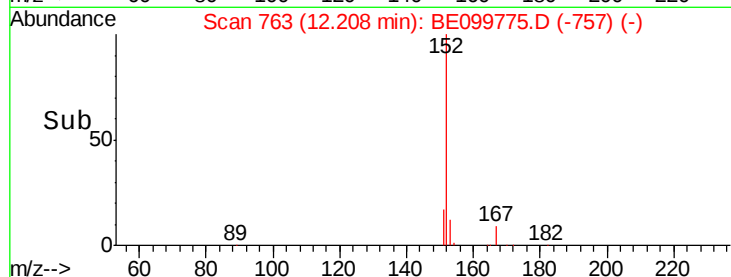
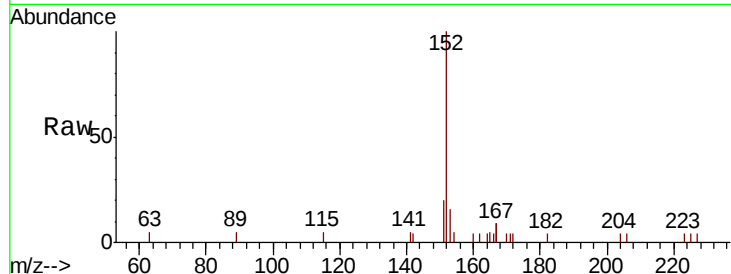




#11
 2-Methylnaphthalene-d10
 Concen: 0.369 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099775.D
 Acq: 29 May 2019 14:21

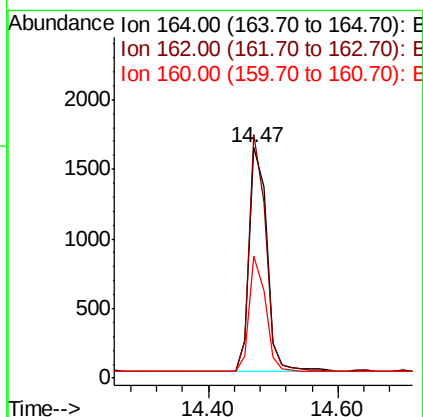
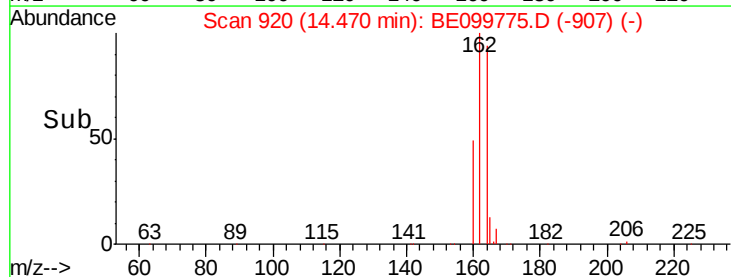
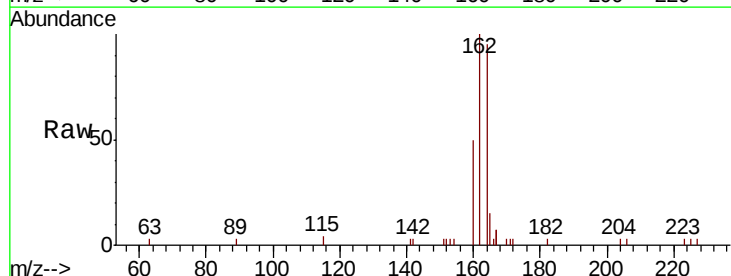
Instrument :
 BNA_E
 ClientSampleId :
 FESB-08(6.5-7)

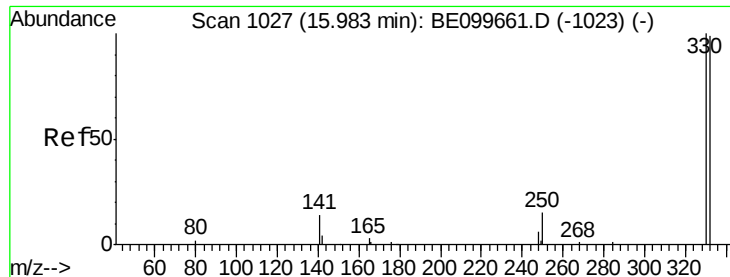
Tot Ion:152 Resp: 2763
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.0 22.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BE099775.D
 Acq: 29 May 2019 14:21

Tgt Ion:164 Resp: 3016
 Ion Ratio Lower Upper
 164 100
 162 105.6 76.5 114.7
 160 53.1 37.4 56.2

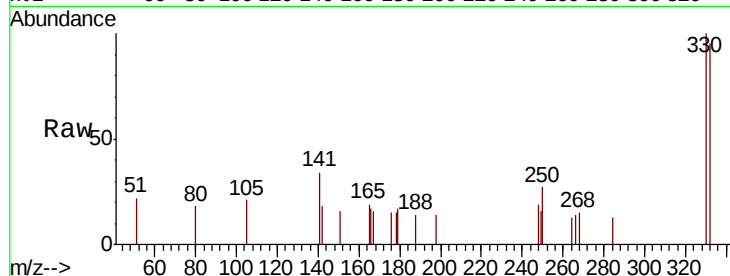




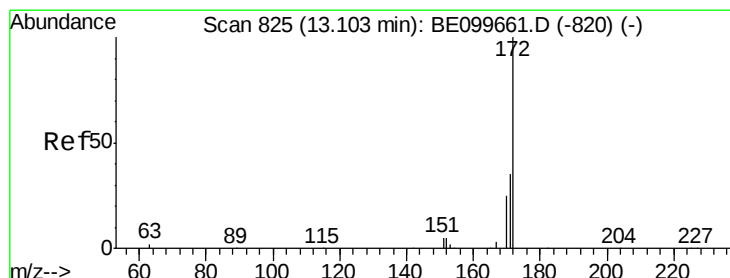
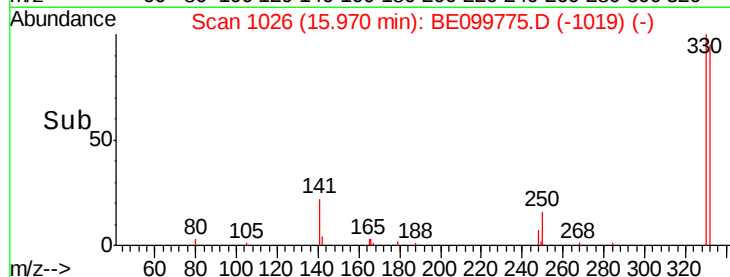
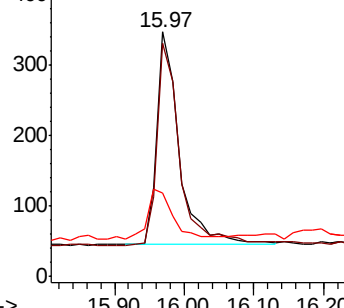
#14
 2,4,6-Tribromophenol
 Concen: 0.424 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099775.D
 Acq: 29 May 2019 14:21

Instrument :
 BNA_E
 ClientSampleId :
 FESB-08(6.5-7)

Tot Ion:330 Resp: 676
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 26.3 18.9 28.3

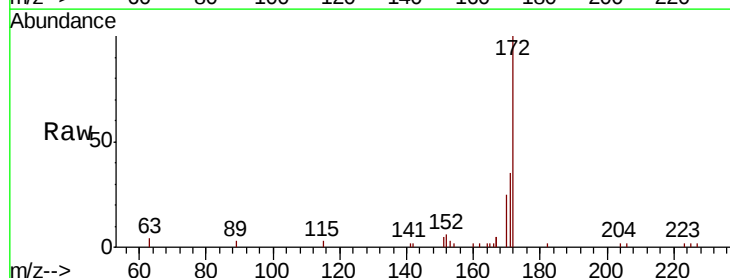


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

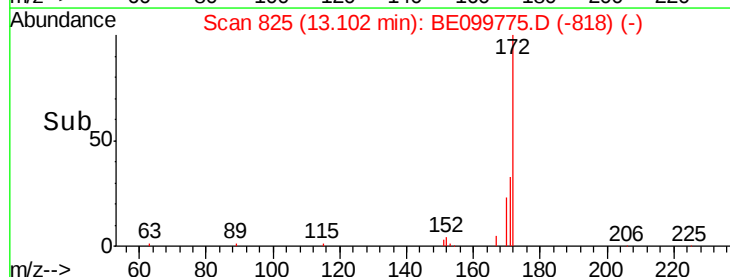
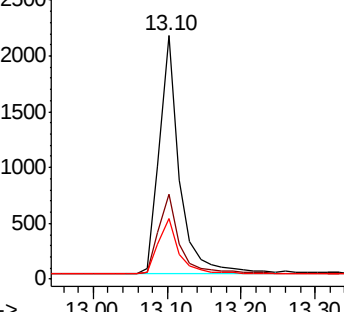


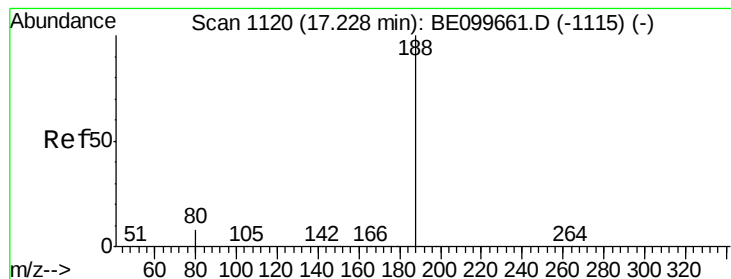
#15
 2-Fluorobiphenyl
 Concen: 0.359 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099775.D
 Acq: 29 May 2019 14:21

Tgt Ion:172 Resp: 4114
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.7 43.1
 170 25.0 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: BE099775.D

Acq: 29 May 2019 14:21

Instrument :

BNA_E

ClientSampleId :

FESB-08(6.5-7)

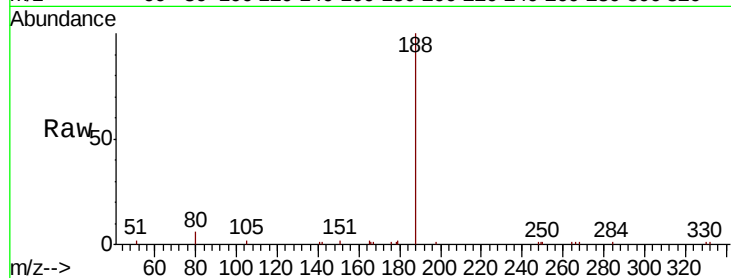
Tot Ion:188 Resp: 9269

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

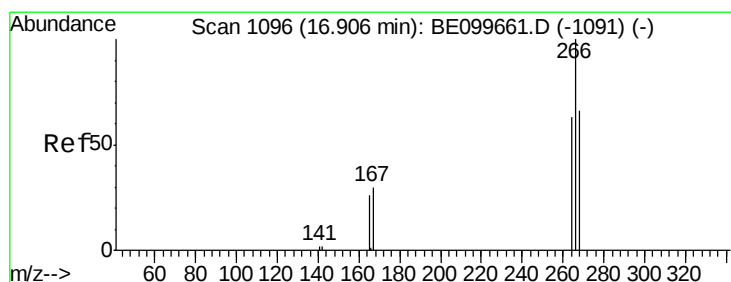
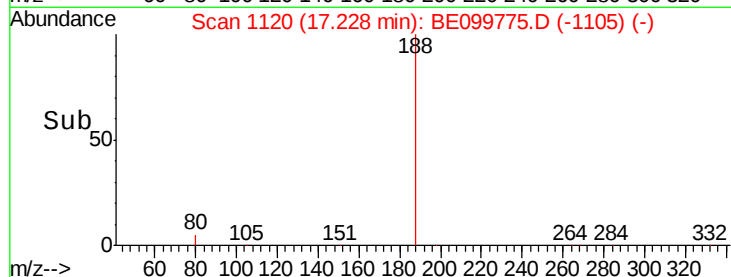
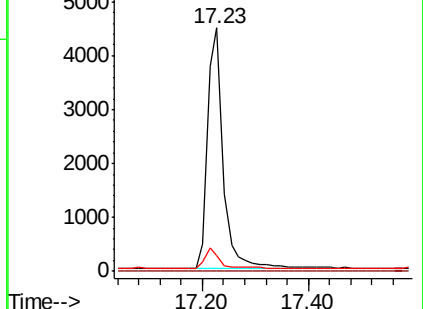
80 6.3 6.7 10.1#



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: 0.187 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE099775.D

Acq: 29 May 2019 14:21

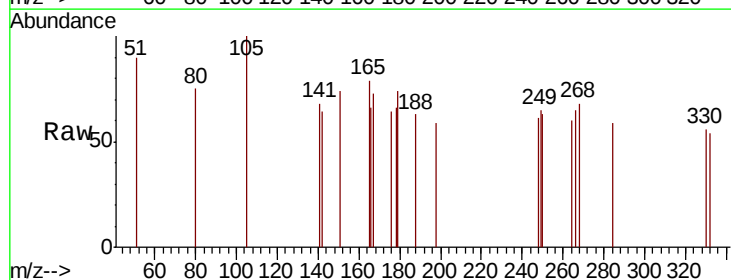
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 92.3 57.2 85.8#

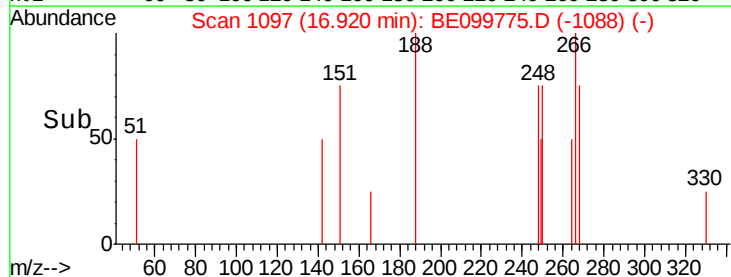
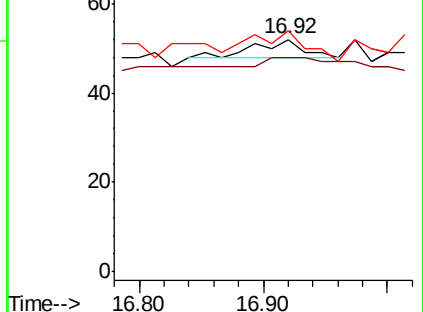
268 103.8 60.5 90.7#

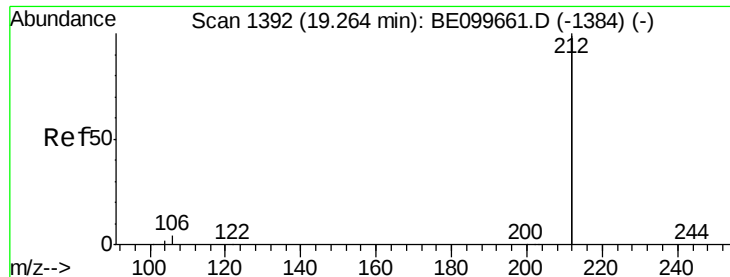


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.393 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099775.D

Acq: 29 May 2019 14:21

Instrument :

BNA_E

ClientSampleId :

FESB-08(6.5-7)

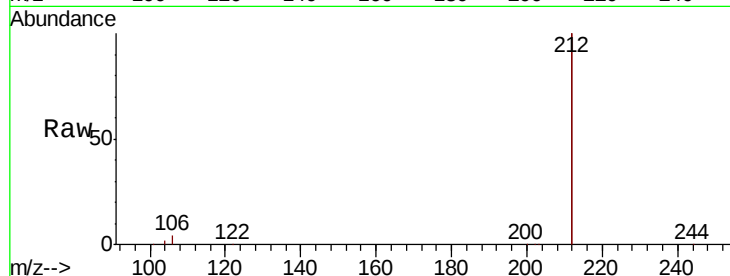
Tot Ion:212 Resp: 49737

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

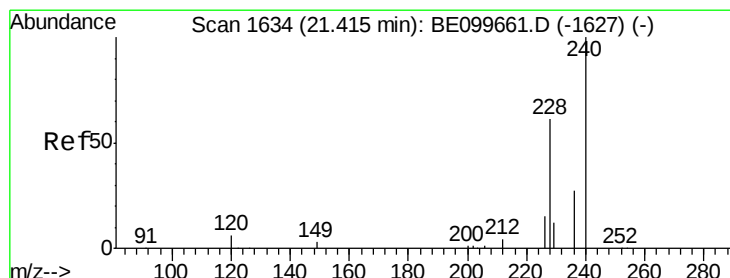
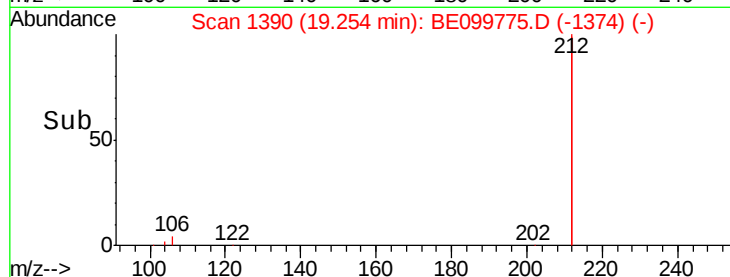
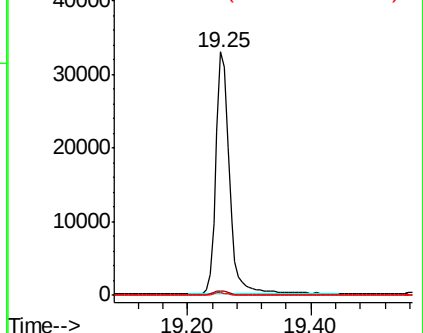
104 1.1 0.8 1.2



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# 1633

Delta R.T. -0.00 min

Lab File: BE099775.D

Acq: 29 May 2019 14:21

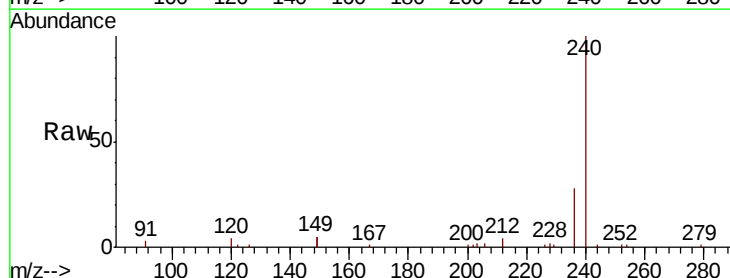
Tgt Ion:240 Resp: 12955

Ion Ratio Lower Upper

240 100

120 4.0 5.4 8.0#

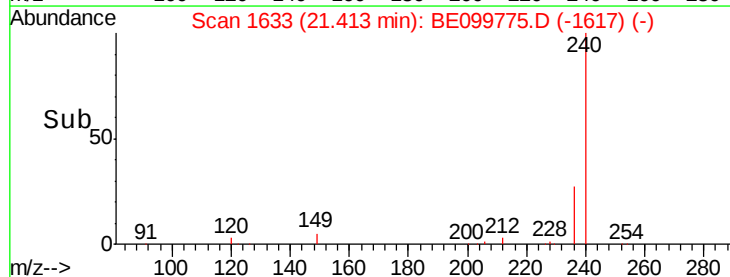
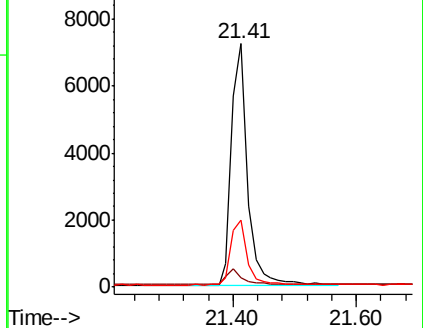
236 27.7 21.7 32.5

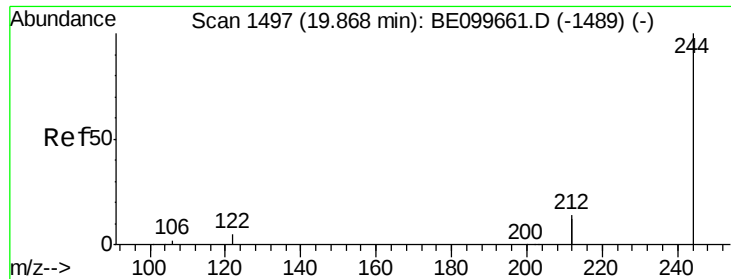


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.457 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099775.D

Acq: 29 May 2019 14:21

Instrument :

BNA_E

ClientSampleId :

FESB-08(6.5-7)

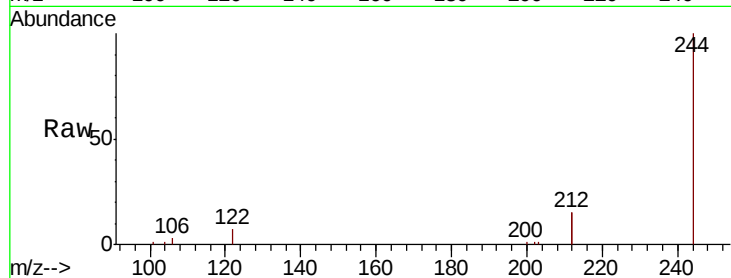
Tot Ion:244 Resp: 10572

Ion Ratio Lower Upper

244 100

212 29.2 22.5 33.7

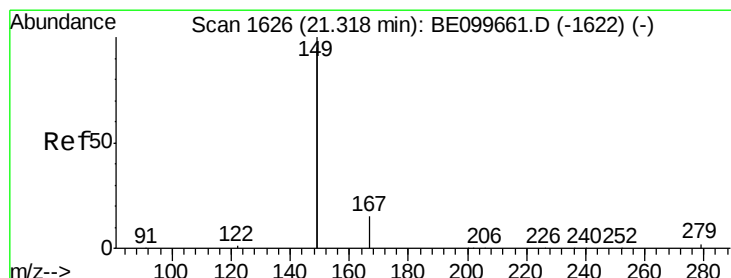
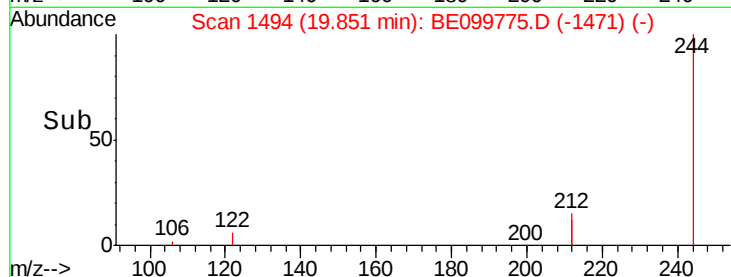
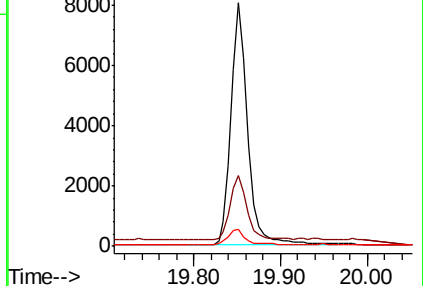
122 6.9 4.3 6.5#



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: 0.400 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099775.D

Acq: 29 May 2019 14:21

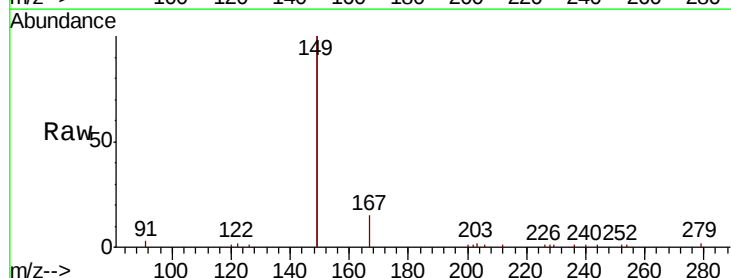
Tgt Ion:149 Resp: 16985

Ion Ratio Lower Upper

149 100

167 7.9 6.2 9.4

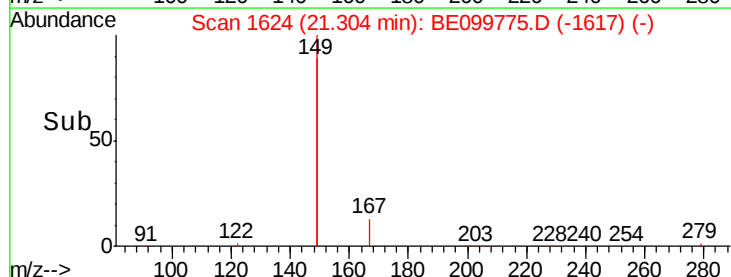
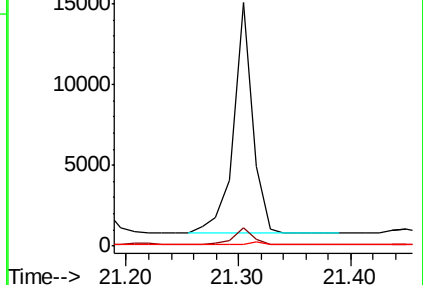
279 1.4 1.2 1.8

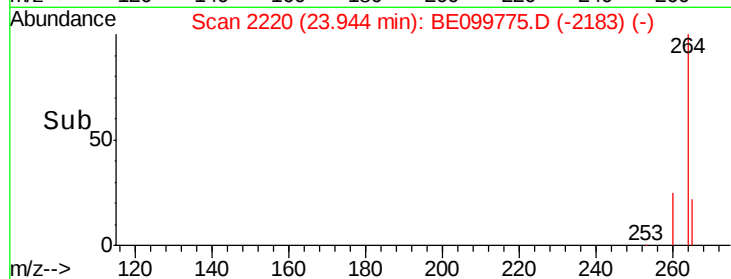
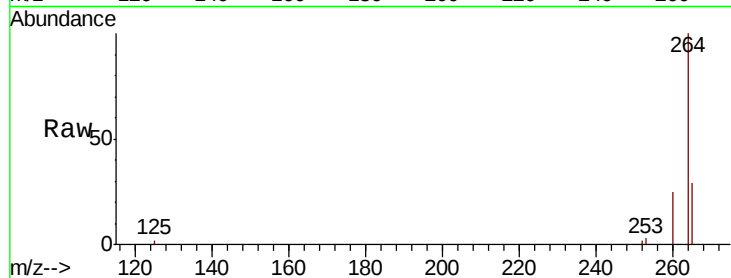
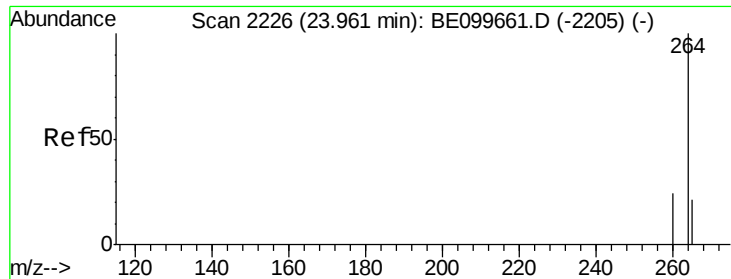


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BE099775.D

Acq: 29 May 2019 14:21

Instrument :

BNA_E

ClientSampleId :

FESB-08(6.5-7)

Tot Ion: 264 Resp: 15289

Ion Ratio Lower Upper

264 100

260 25.5 19.6 29.4

265 28.5 19.1 28.7

