

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052919\
 Data File : BE099777.D
 Acq On : 29 May 2019 15:36
 Operator : JU/SJ
 Sample : K3066-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-25(5.5-6)

Quant Time: May 29 17:27:18 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

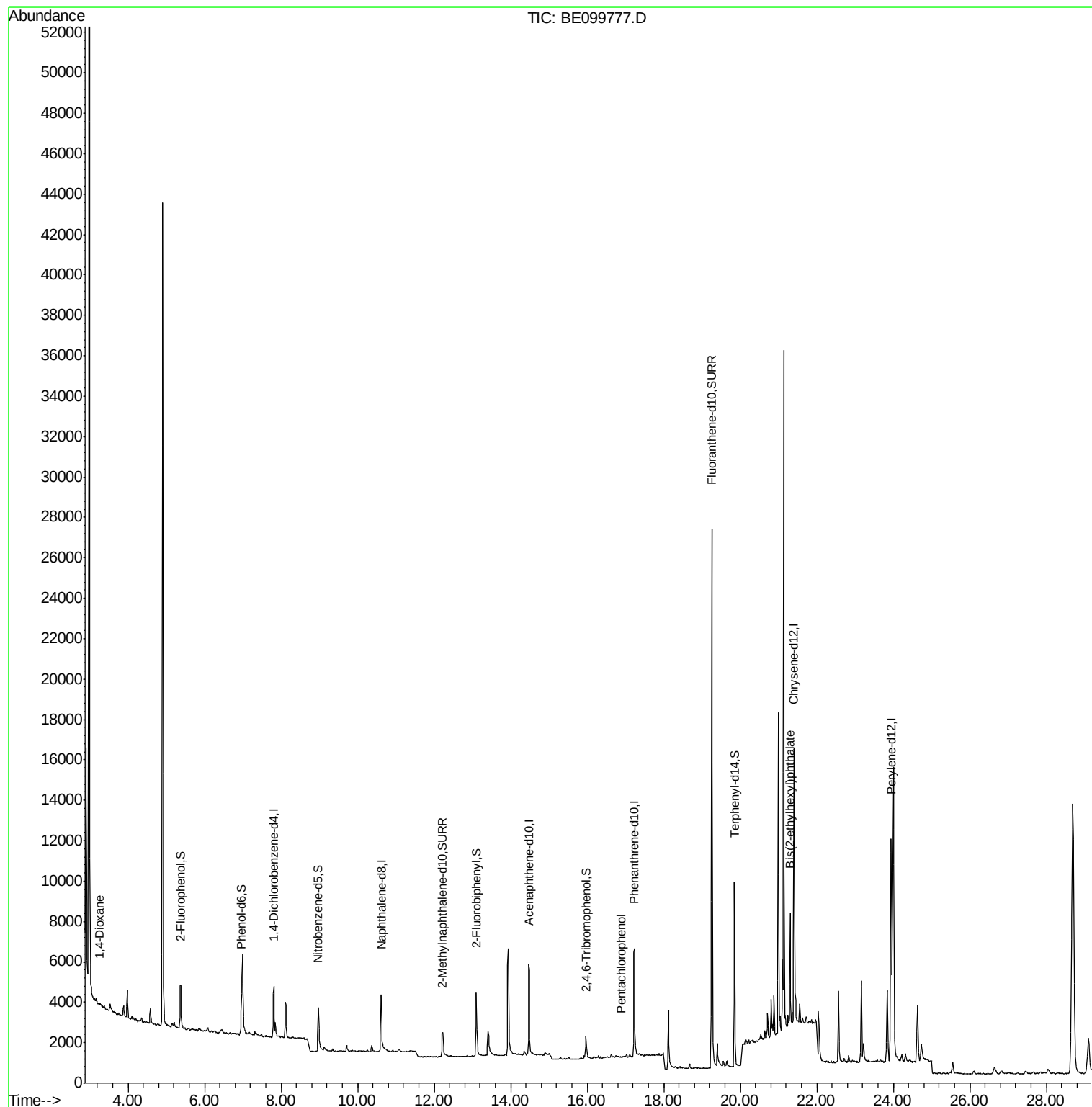
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1424	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	4632	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	3415	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10178	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14079	0.40	ng	-0.01
34) Perylene-d12	23.94	264	17014	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1488	0.41	ng	0.00
5) Phenol-d6	6.96	99	1974	0.41	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1371	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2464	0.31	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	813	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	3644	0.28	ng	0.00
25) Fluoranthene-d10	19.25	212	37172	0.27	ng	-0.01
29) Terphenyl-d14	19.85	244	8326	0.33	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.24	88	82	0.039	ng	# 72
22) Pentachlorophenol	16.89	266	9	0.185	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.31	149	5978	0.130	ng	99

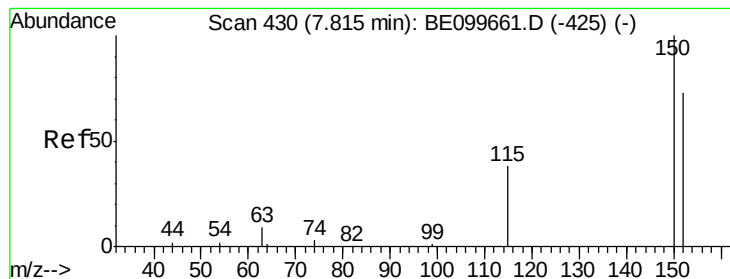
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BE099777.D

Acq: 29 May 2019 15:36

Instrument :

BNA_E

ClientSampleId :

FESB-25(5.5-6)

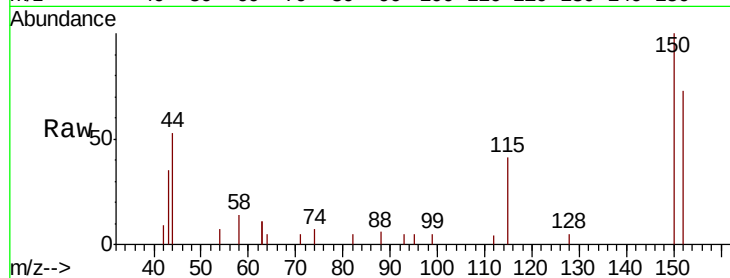
Tot Ion:152 Resp: 1424

Ion Ratio Lower Upper

152 100

150 136.5 109.2 163.8

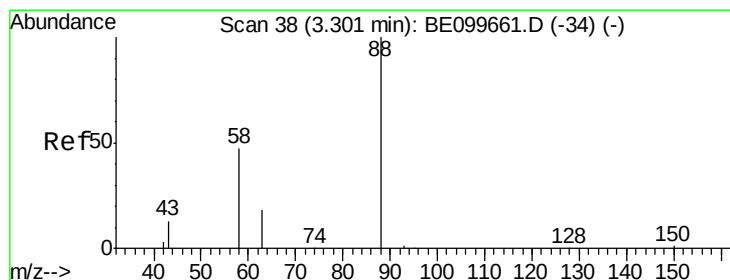
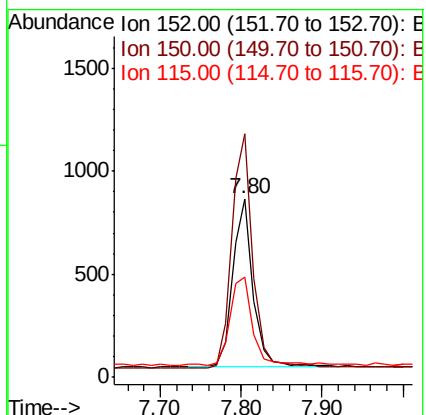
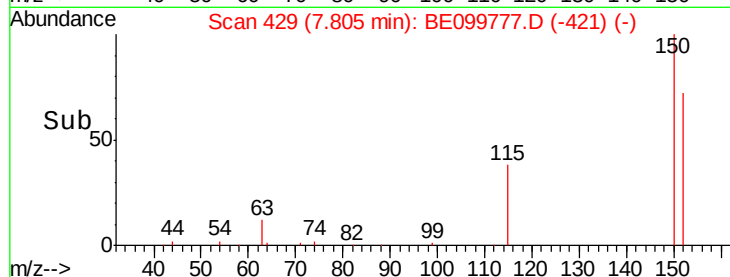
115 56.5 43.7 65.5



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: 0.039 ng

RT: 3.24 min Scan# 33

Delta R.T. -0.06 min

Lab File: BE099777.D

Acq: 29 May 2019 15:36

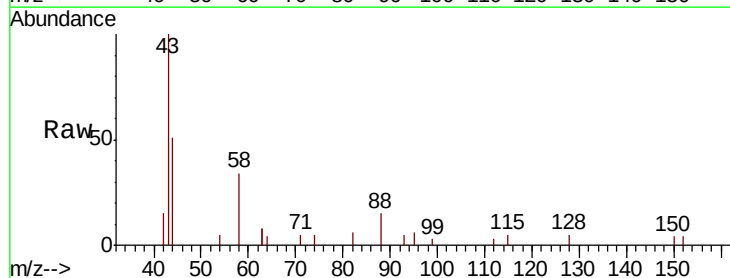
Tgt Ion: 88 Resp: 82

Ion Ratio Lower Upper

88 100

58 68.3 41.8 62.8#

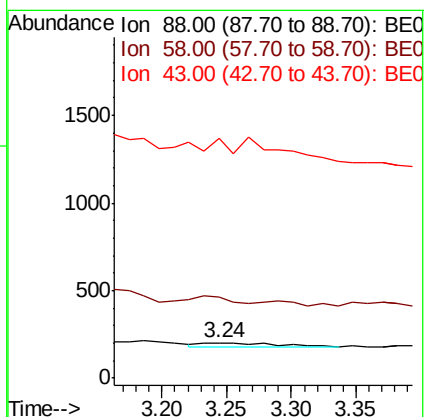
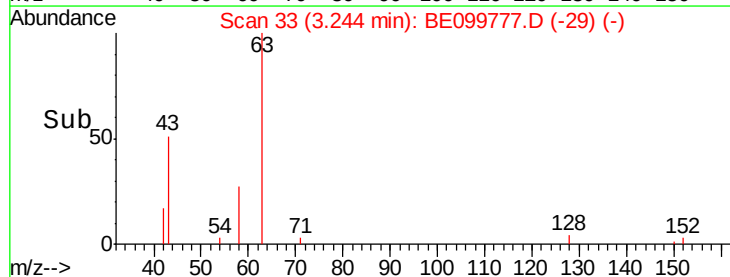
43 0.0 15.0 22.4#

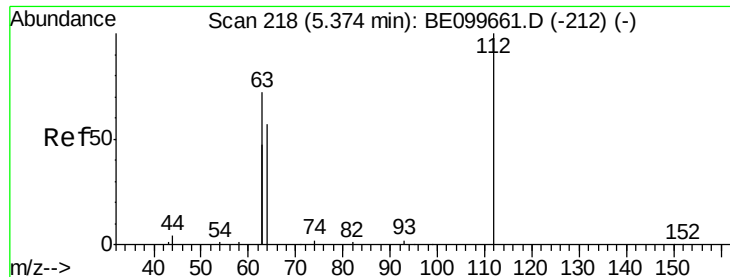


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.414 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099777.D

Acq: 29 May 2019 15:36

Instrument :

BNA_E

ClientSampleId :

FESB-25(5.5-6)

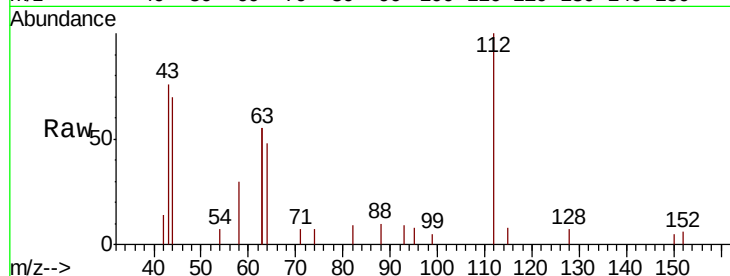
Tot Ion:112 Resp: 1488

Ion Ratio Lower Upper

112 100

64 56.6 43.4 65.2

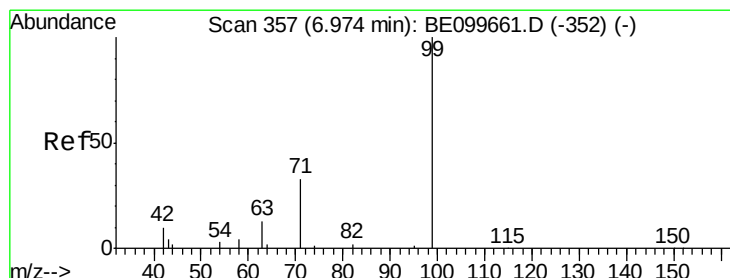
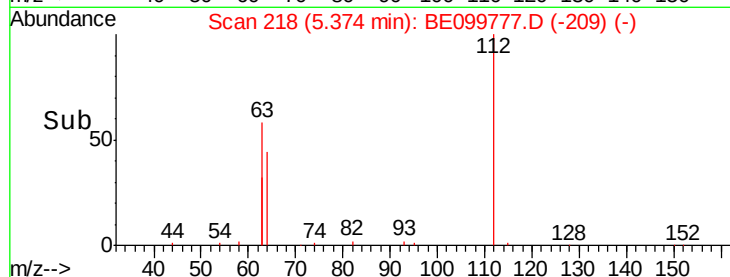
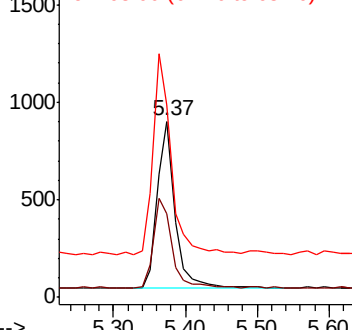
63 121.1 96.9 145.3



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: 0.414 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099777.D

Acq: 29 May 2019 15:36

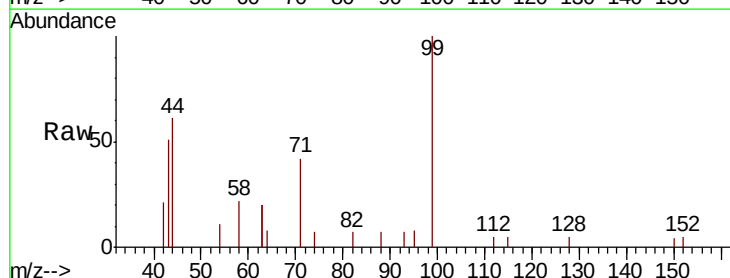
Tgt Ion: 99 Resp: 1974

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

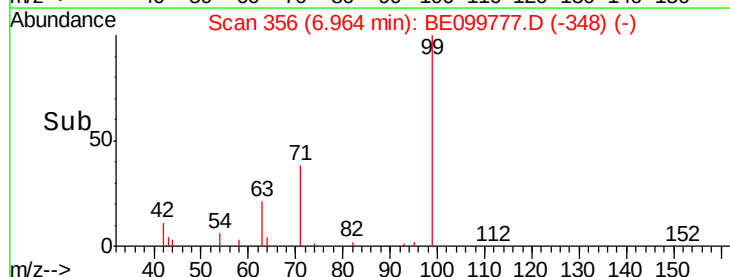
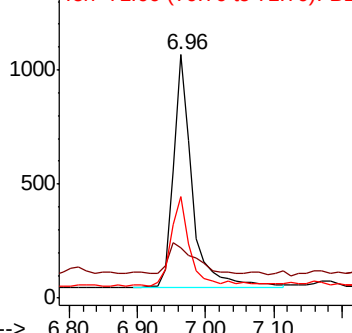
71 36.5 28.9 43.3

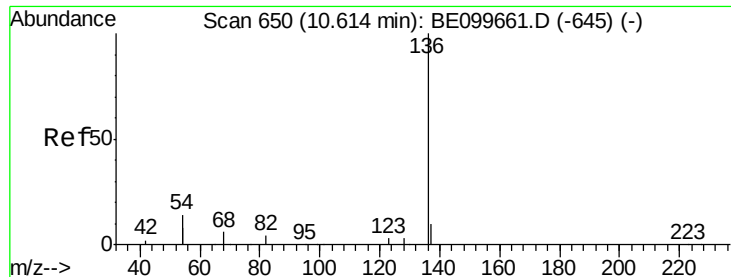


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099777.D

Acq: 29 May 2019 15:36

Instrument :

BNA_E

ClientSampleId :

FESB-25(5.5-6)

Tot Ion:136 Resp: 4632

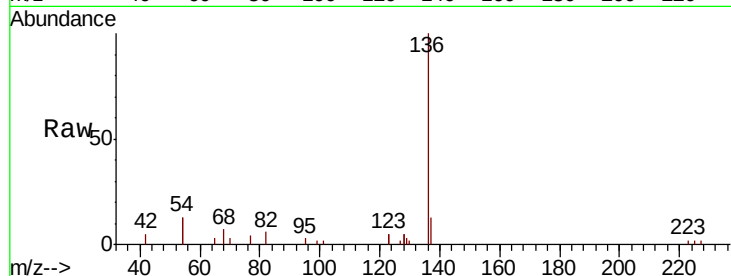
Ion Ratio Lower Upper

136 100

137 13.3 9.0 13.6

54 25.6 22.3 33.5

68 7.1 6.0 9.0

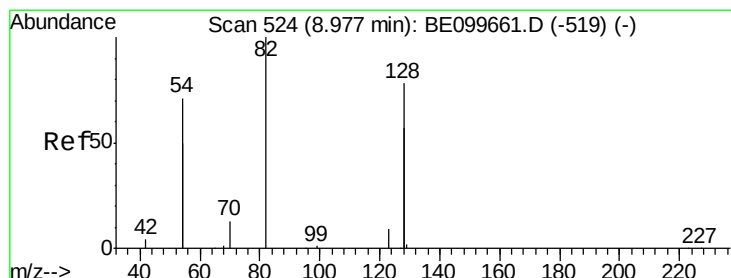
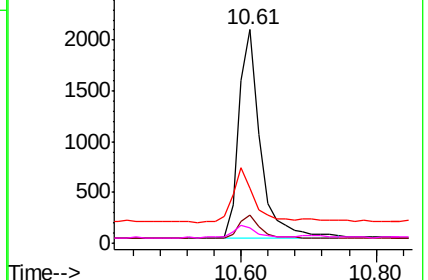
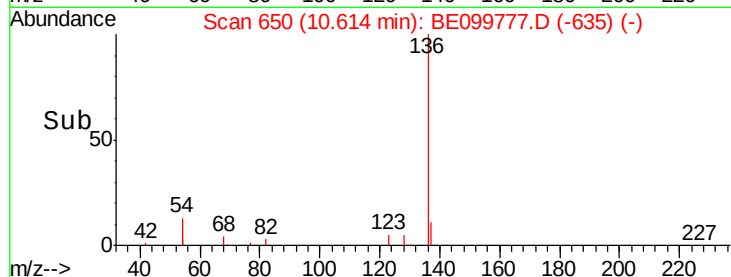


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.342 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099777.D

Acq: 29 May 2019 15:36

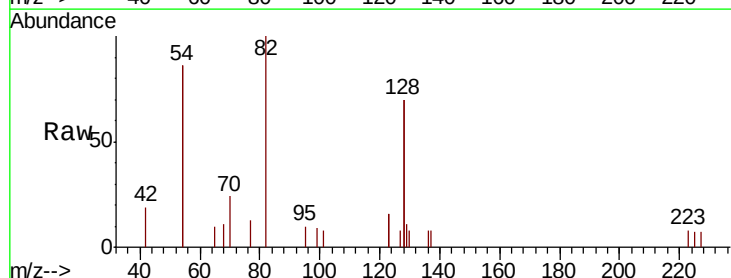
Tgt Ion: 82 Resp: 1371

Ion Ratio Lower Upper

82 100

128 139.6 117.7 176.5

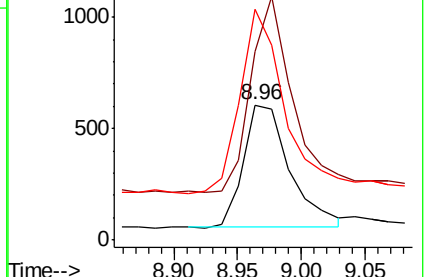
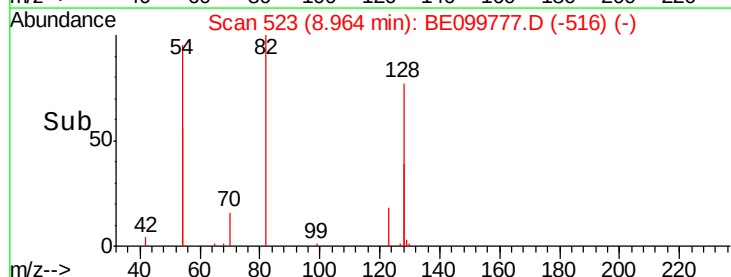
54 171.3 106.6 160.0#

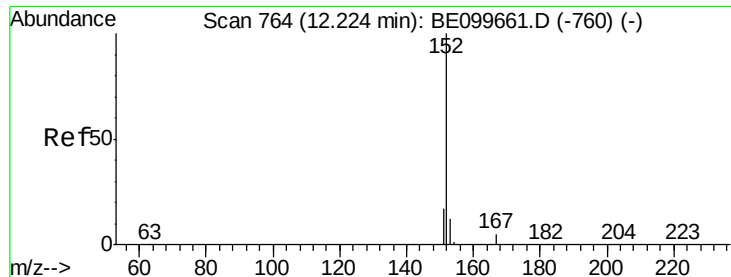


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

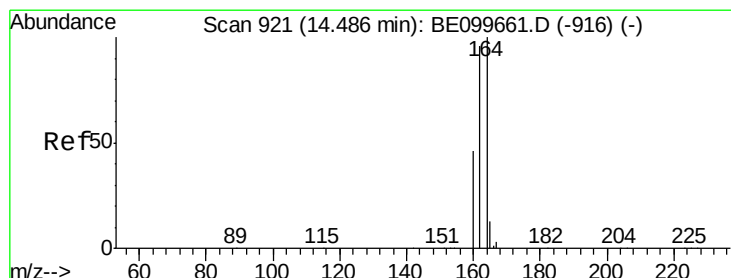
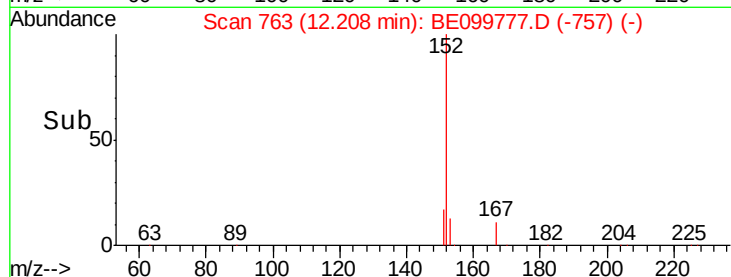
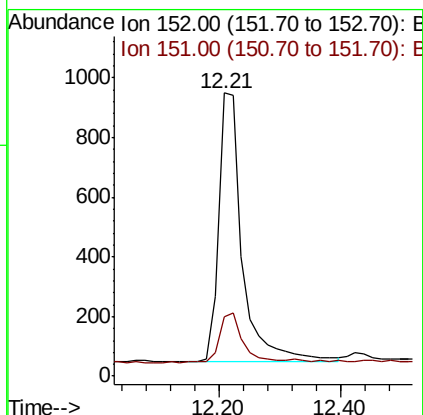
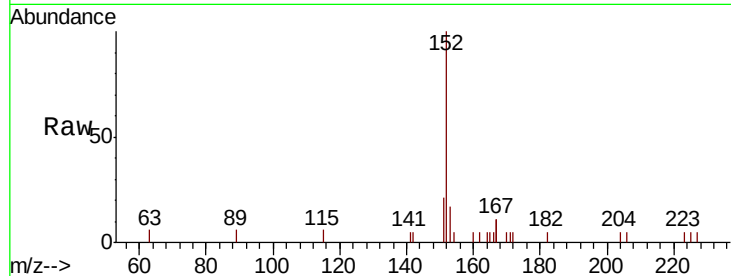




#11
 2-Methylnaphthalene-d10
 Concen: 0.308 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099777.D
 Acq: 29 May 2019 15:36

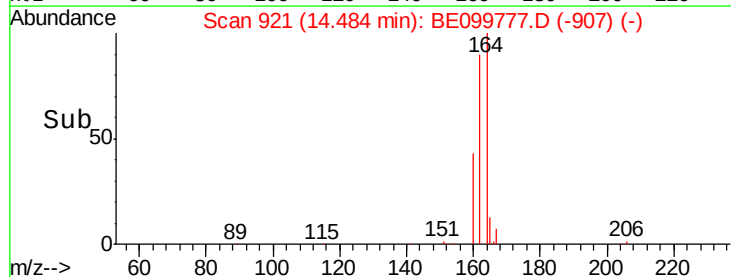
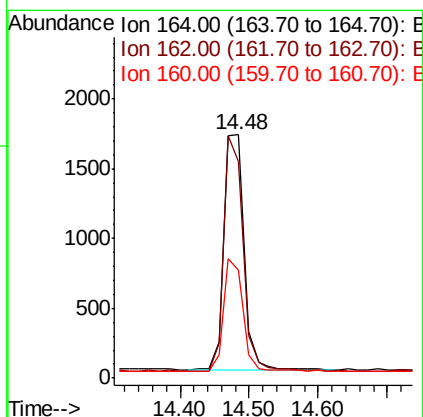
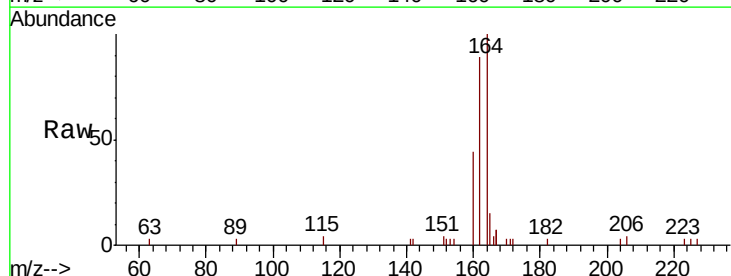
Instrument :
 BNA_E
 ClientSampleId :
 FESB-25(5.5-6)

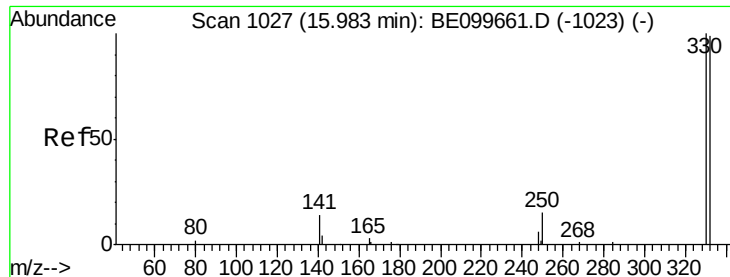
Tot Ion:152 Resp: 2464
 Ion Ratio Lower Upper
 152 100
 151 17.9 15.0 22.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE099777.D
 Acq: 29 May 2019 15:36

Tgt Ion:164 Resp: 3415
 Ion Ratio Lower Upper
 164 100
 162 88.9 76.5 114.7
 160 44.3 37.4 56.2





#14

2,4,6-Tribromophenol

Concen: 0.442 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099777.D

Acq: 29 May 2019 15:36

Instrument :

BNA_E

ClientSampleId :

FESB-25(5.5-6)

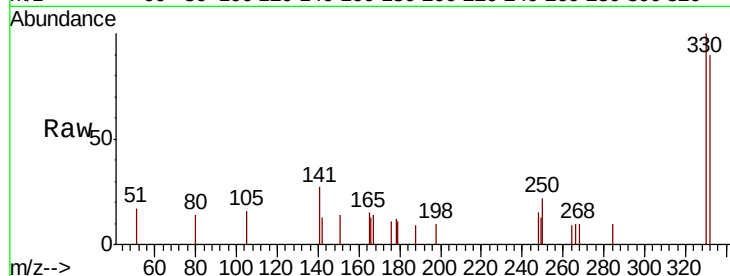
Tot Ion:330 Resp: 813

Ion Ratio Lower Upper

330 100

332 93.1 77.3 115.9

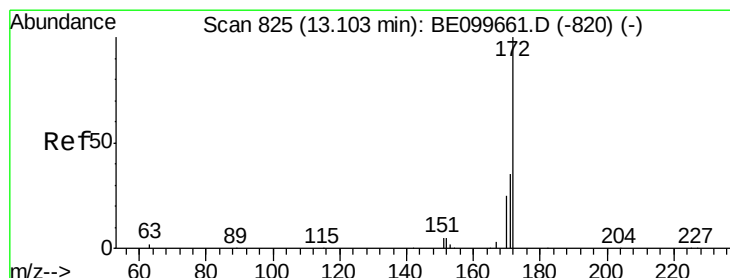
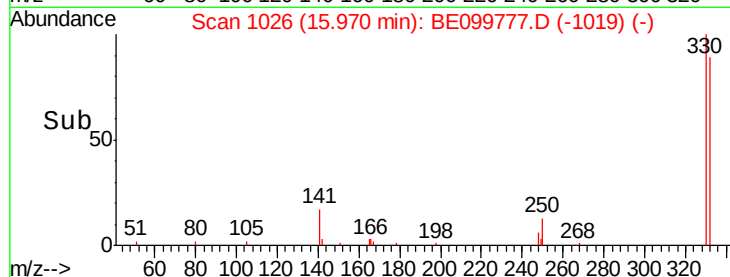
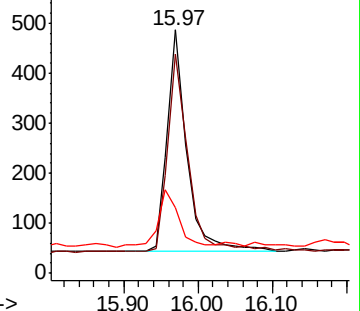
141 24.2 18.9 28.3



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



#15

2-Fluorobiphenyl

Concen: 0.281 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099777.D

Acq: 29 May 2019 15:36

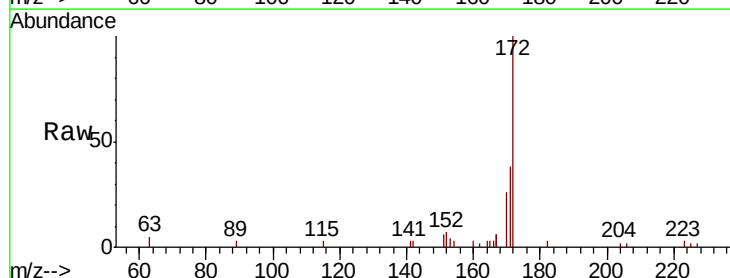
Tgt Ion:172 Resp: 3644

Ion Ratio Lower Upper

172 100

171 37.8 28.7 43.1

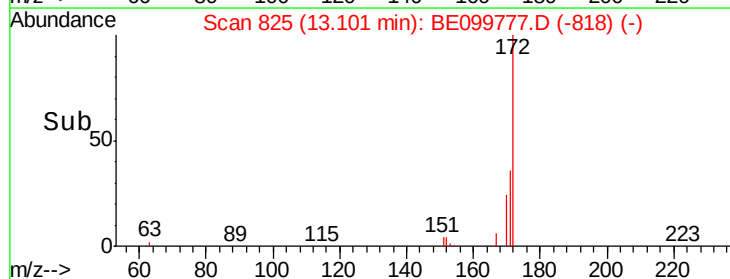
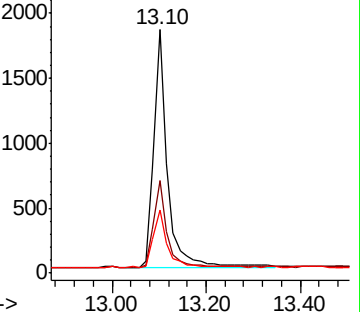
170 26.2 20.9 31.3

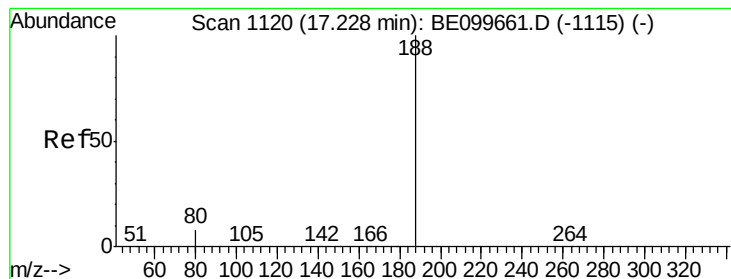


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE099777.D

Acq: 29 May 2019 15:36

Instrument :

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ClientSampleId :

FESB-25(5.5-6)

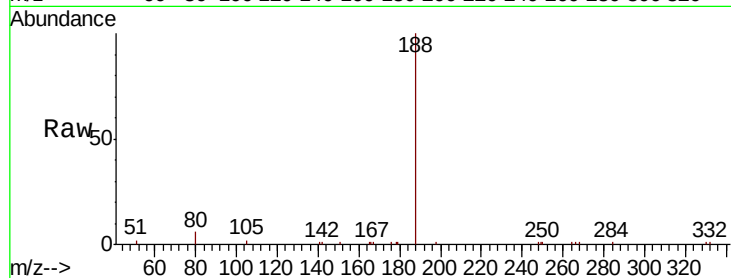
Tot Ion:188 Resp: 10178

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

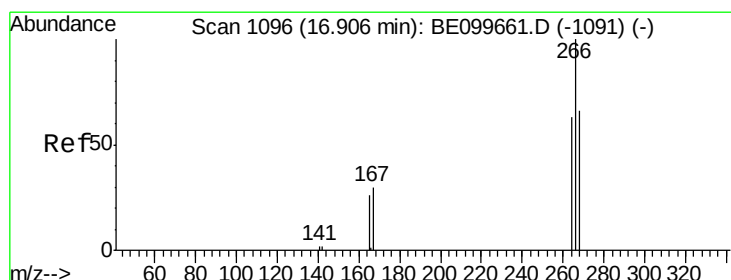
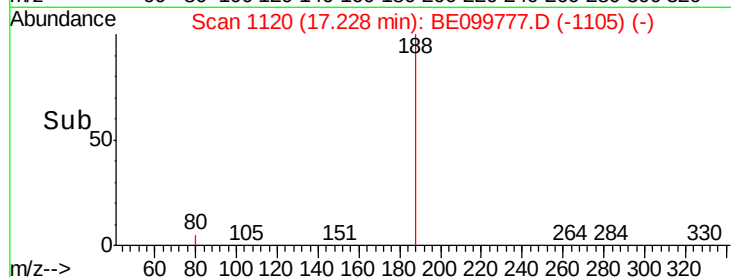
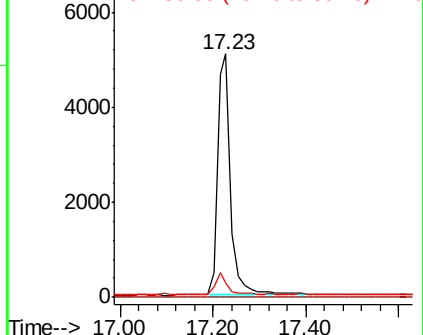
80 5.7 6.7 10.1#



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: 0.185 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099777.D

Acq: 29 May 2019 15:36

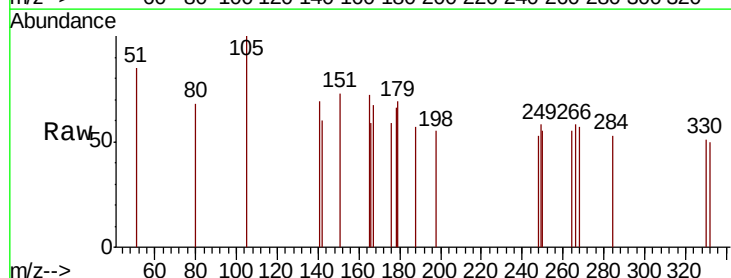
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 94.1 57.2 85.8#

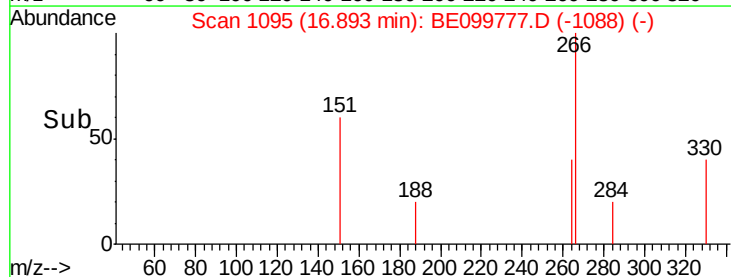
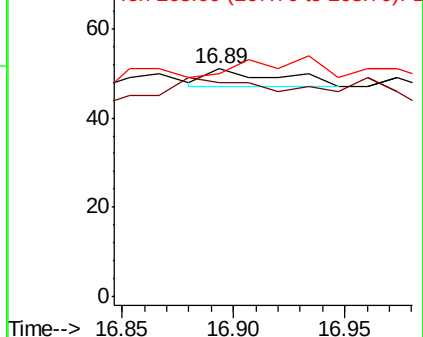
268 98.0 60.5 90.7#

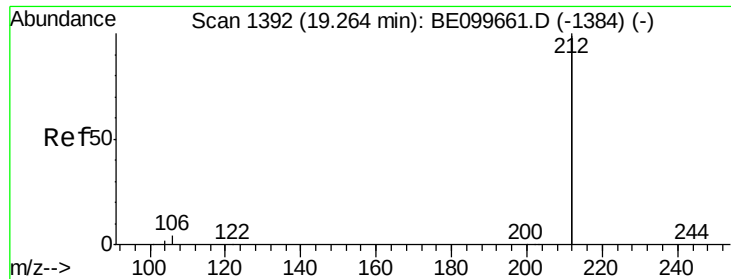


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.267 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099777.D

Acq: 29 May 2019 15:36

Instrument :

BNA_E

ClientSampleId :

FESB-25(5.5-6)

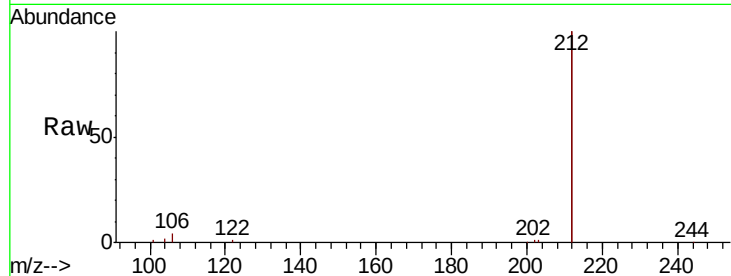
Tot Ion:212 Resp: 37172

Ion Ratio Lower Upper

212 100

106 2.0 1.4 2.2

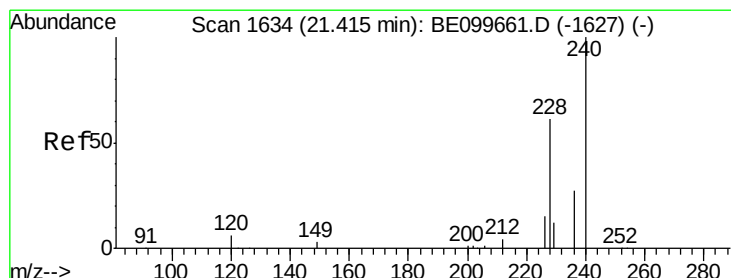
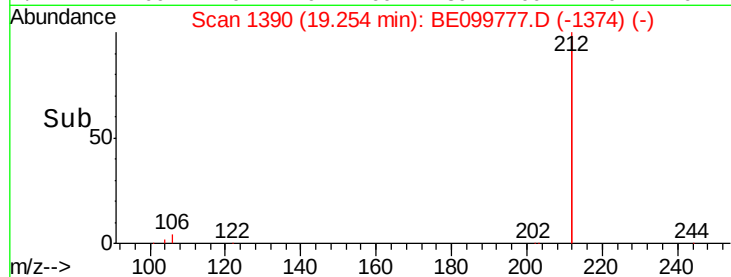
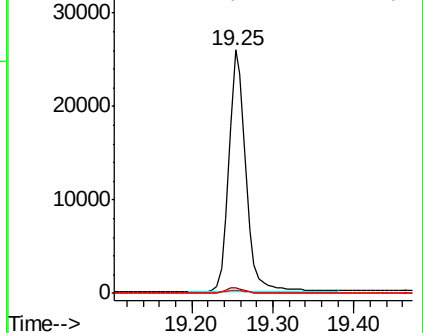
104 1.1 0.8 1.2



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: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099777.D

Acq: 29 May 2019 15:36

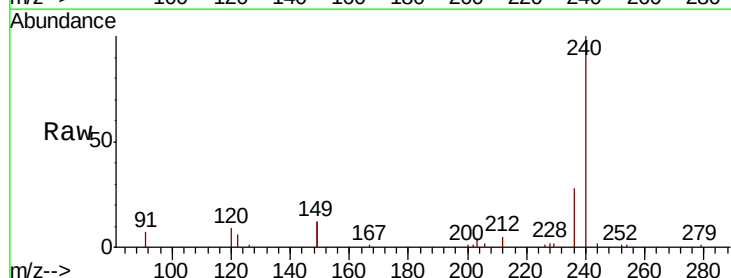
Tgt Ion:240 Resp: 14079

Ion Ratio Lower Upper

240 100

120 9.2 5.4 8.0#

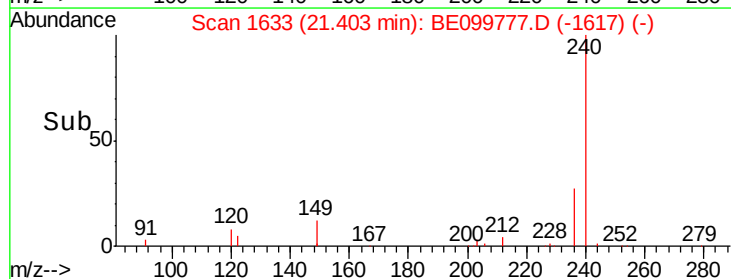
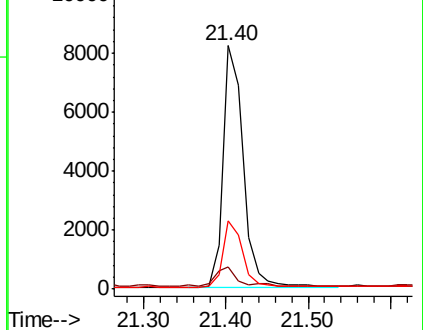
236 28.1 21.7 32.5

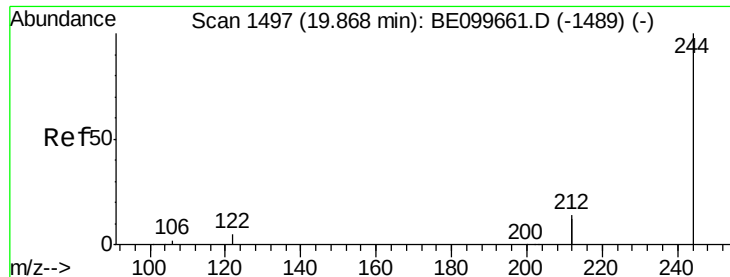


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.331 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099777.D

Acq: 29 May 2019 15:36

Instrument :

BNA_E

ClientSampleId :

FESB-25(5.5-6)

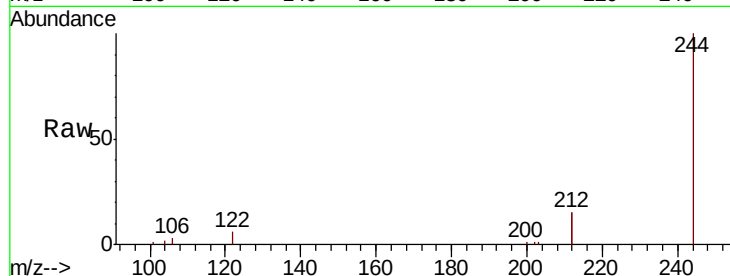
Tot Ion:244 Resp: 8326

Ion Ratio Lower Upper

244 100

212 30.4 22.5 33.7

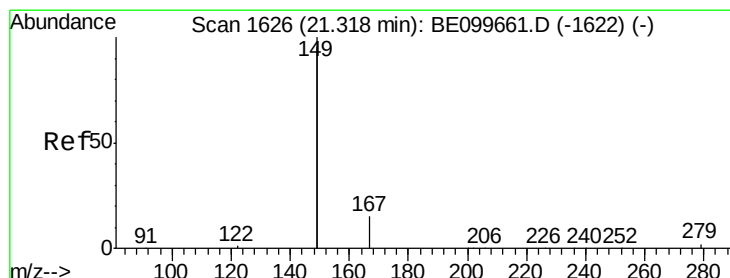
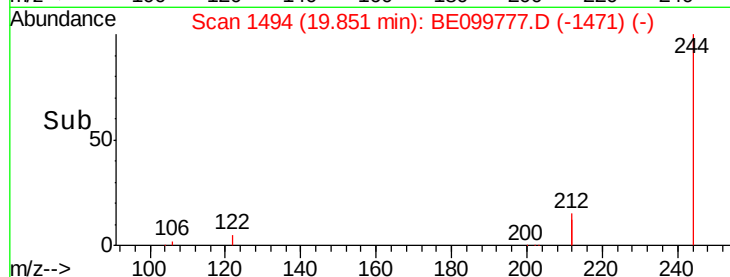
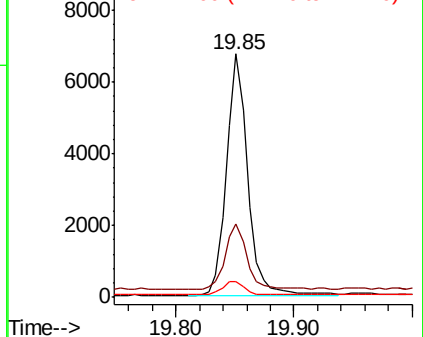
122 6.3 4.3 6.5



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: 0.130 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099777.D

Acq: 29 May 2019 15:36

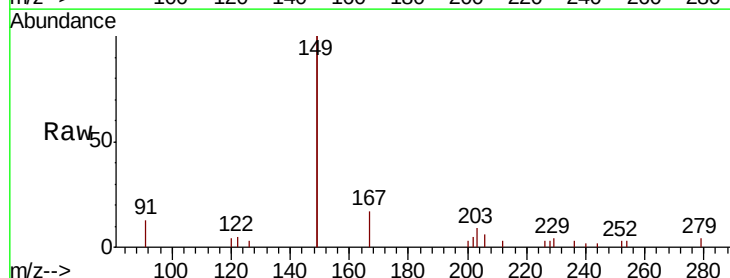
Tgt Ion:149 Resp: 5978

Ion Ratio Lower Upper

149 100

167 8.4 6.2 9.4

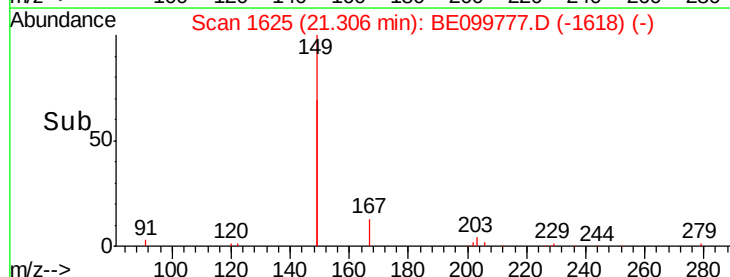
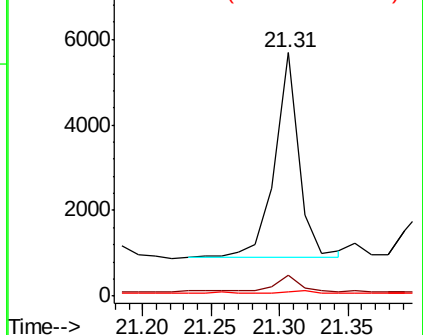
279 1.4 1.2 1.8

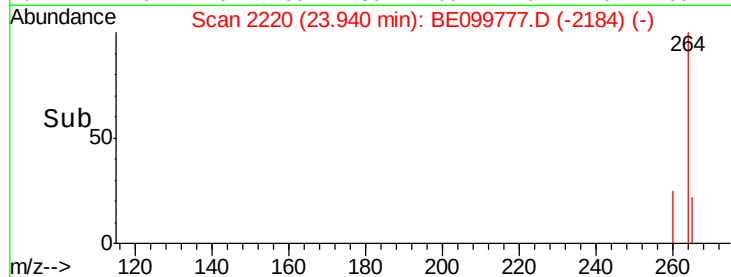
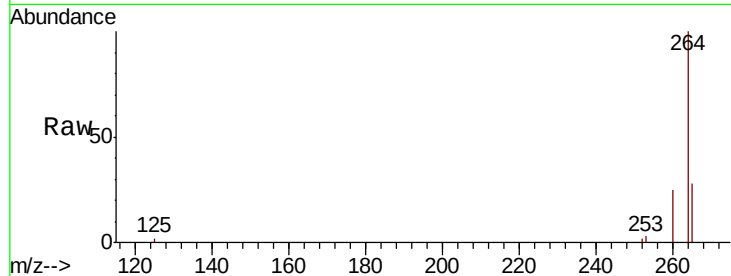
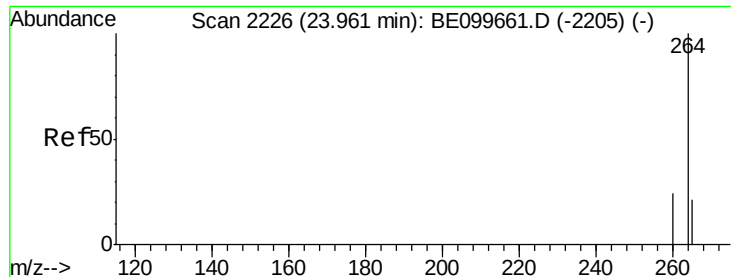


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE099777.D

Acq: 29 May 2019 15:36

Instrument :

BNA_E

ClientSampleId :

FESB-25(5.5-6)

Tot Ion:264 Resp: 17014

Ion Ratio Lower Upper

264 100

260 25.3 19.6 29.4

265 27.5 19.1 28.7

