

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099739.D
 Acq On : 24 May 2019 13:11
 Operator : JU/SJ
 Sample : PB120031BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120031BL

Quant Time: May 24 21:33:22 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

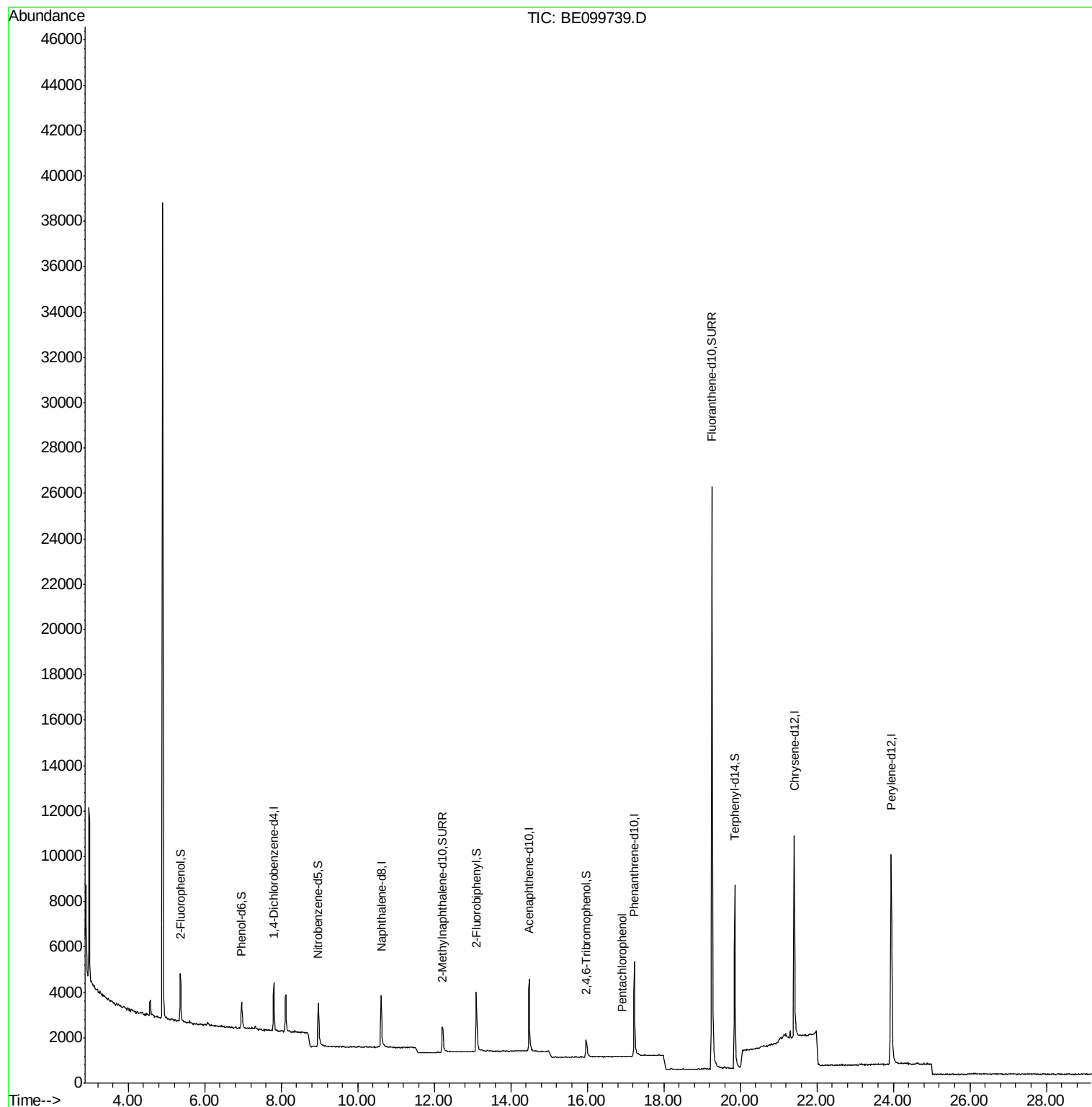
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1157	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	3827	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2611	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7941	0.40	ng	0.00
27) Chrysene-d12	21.41	240	13428	0.40	ng	0.00
34) Perylene-d12	23.94	264	16615	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1357	0.46	ng	0.00
5) Phenol-d6	6.96	99	1689	0.44	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1225	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2365	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	759	0.51	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	3604	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	42385	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	9555	0.40	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.92	266	5	0.184	ng	Qvalue # 69

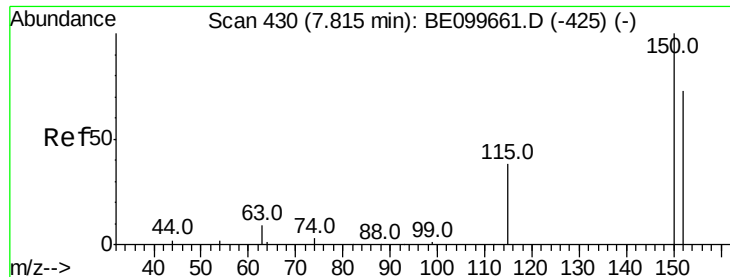
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099739.D

Acq: 24 May 2019 13:11

Instrument :

BNA_E

ClientSampleId :

PB120031BL

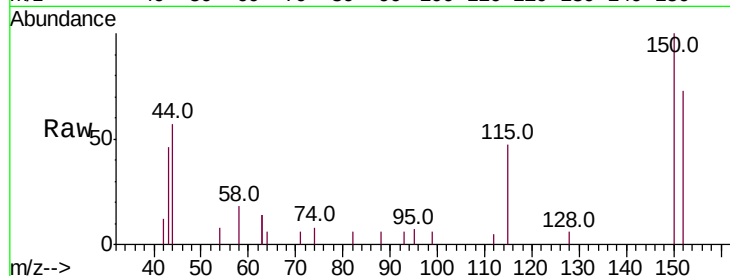
Tot Ion:152 Resp: 1157

Ion Ratio Lower Upper

152 100

150 137.4 109.2 163.8

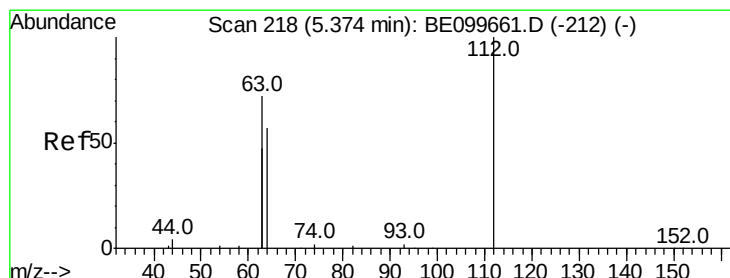
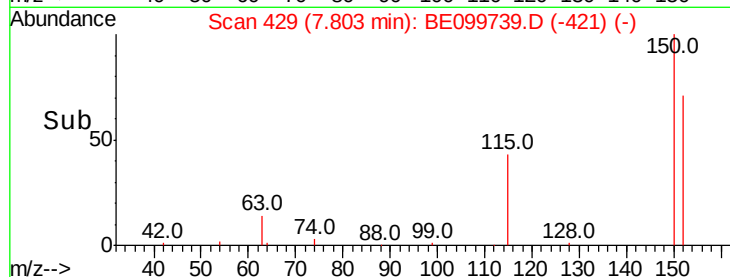
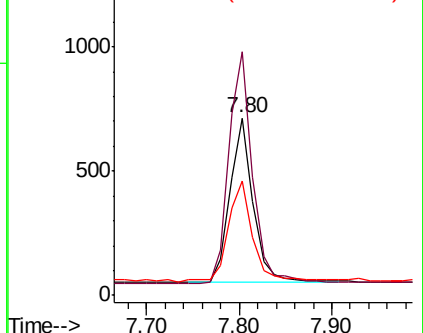
115 64.8 43.7 65.5



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: 0.464 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE099739.D

Acq: 24 May 2019 13:11

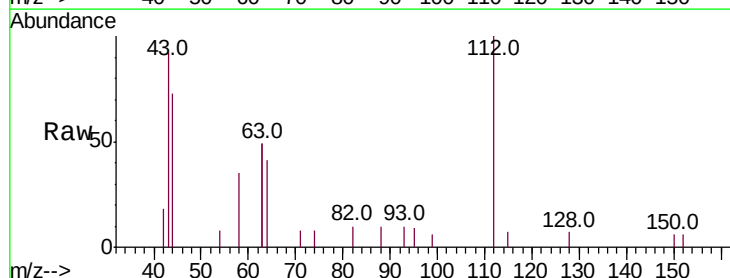
Tgt Ion:112 Resp: 1357

Ion Ratio Lower Upper

112 100

64 50.8 43.4 65.2

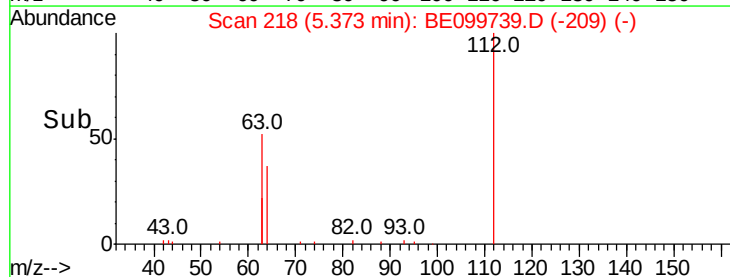
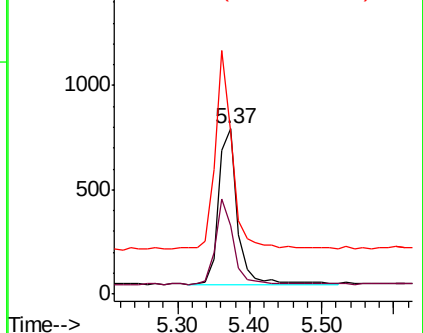
63 116.0 96.9 145.3

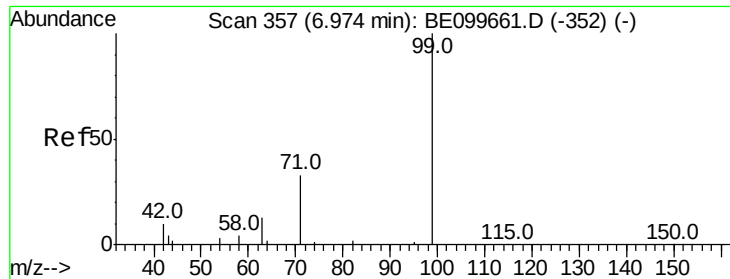


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.436 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099739.D

Acq: 24 May 2019 13:11

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BNA_E

ClientSampleId :

PB120031BL

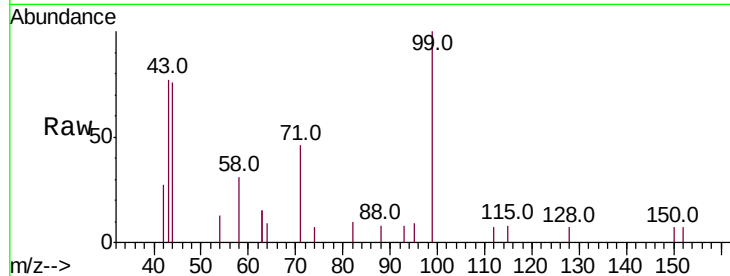
Tot Ion: 99 Resp: 1689

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.2

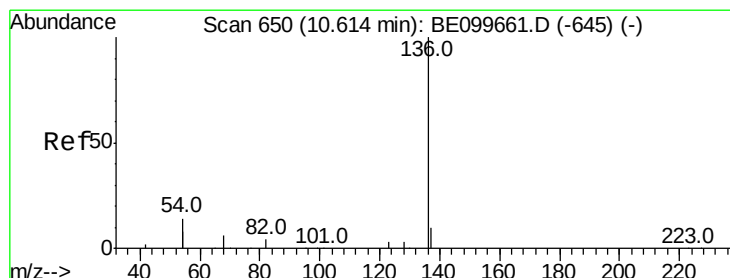
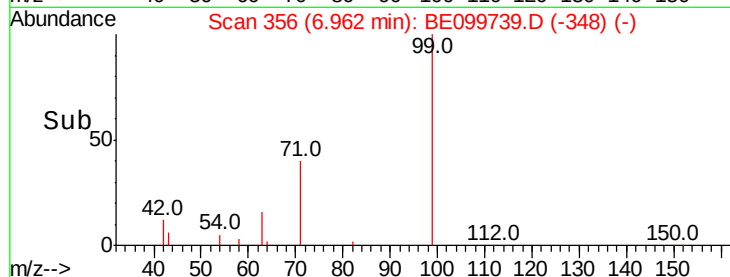
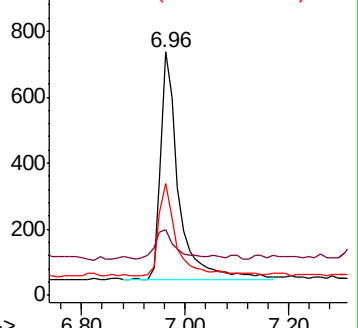
71 39.3 28.9 43.3



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# 651

Delta R.T. 0.00 min

Lab File: BE099739.D

Acq: 24 May 2019 13:11

Tgt Ion: 136 Resp: 3827

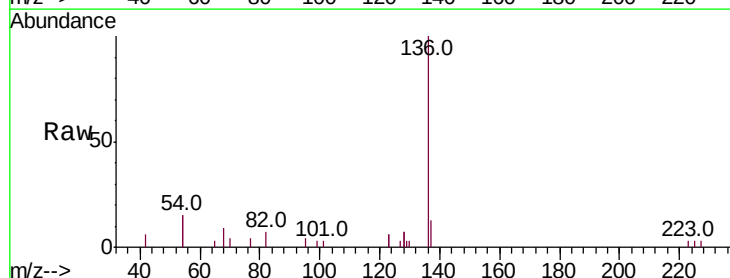
Ion Ratio Lower Upper

136 100

137 12.8 9.0 13.6

54 30.1 22.3 33.5

68 8.5 6.0 9.0

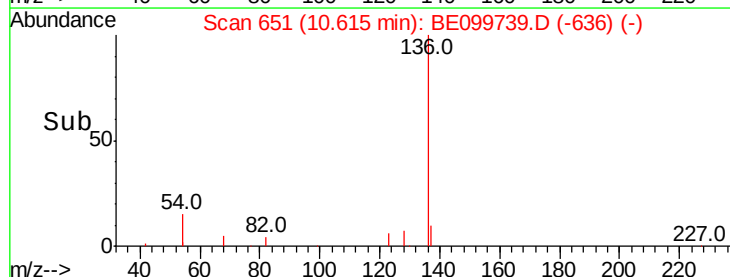
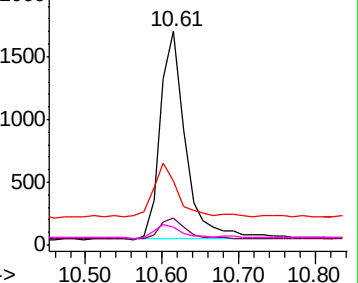


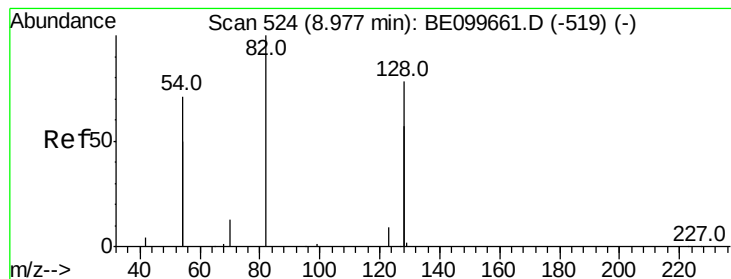
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.370 ng

RT: 8.96 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099739.D

Acq: 24 May 2019 13:11

Instrument :

BNA_E

ClientSampleId :

PB120031BL

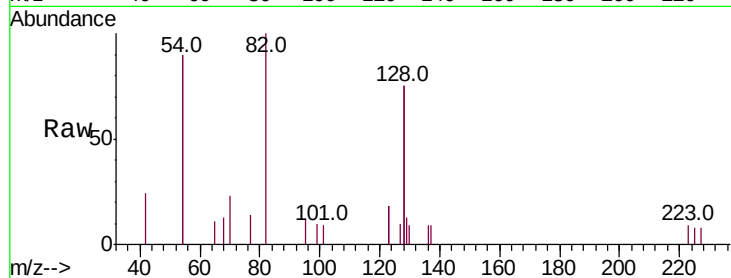
Tot Ion: 82 Resp: 1225

Ion Ratio Lower Upper

82 100

128 150.8 117.7 176.5

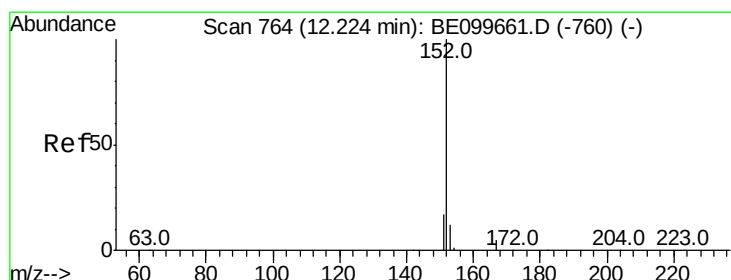
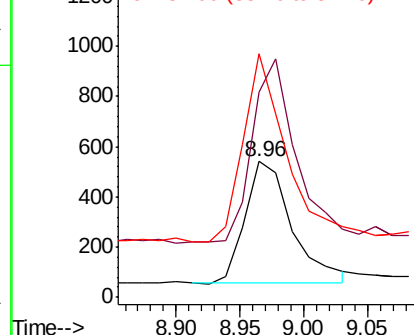
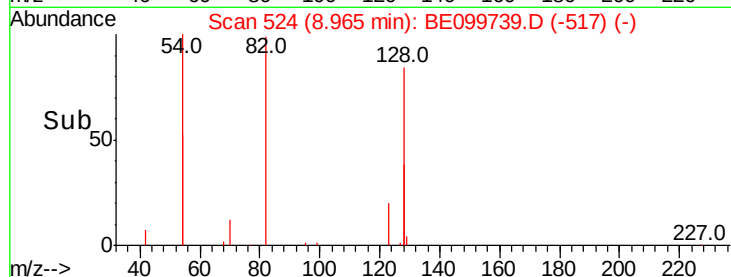
54 179.3 106.6 160.0#



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: 0.358 ng

RT: 12.21 min Scan# 764

Delta R.T. -0.01 min

Lab File: BE099739.D

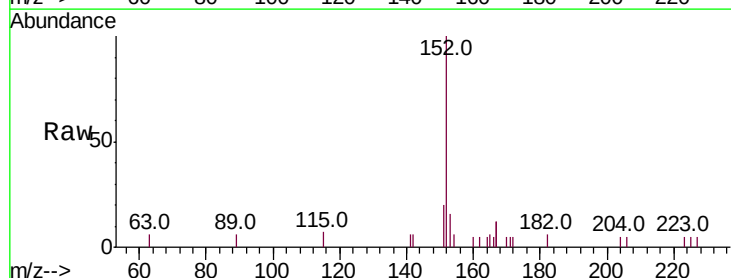
Acq: 24 May 2019 13:11

Tgt Ion: 152 Resp: 2365

Ion Ratio Lower Upper

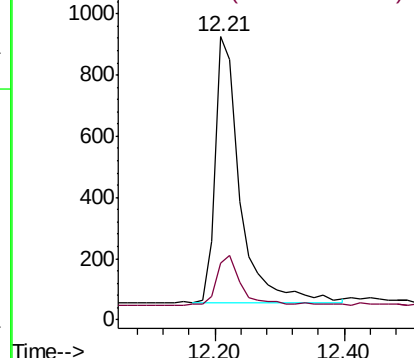
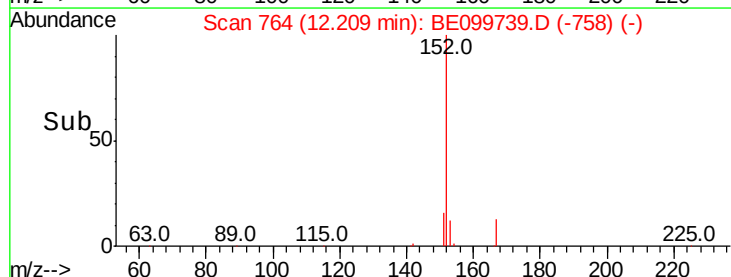
152 100

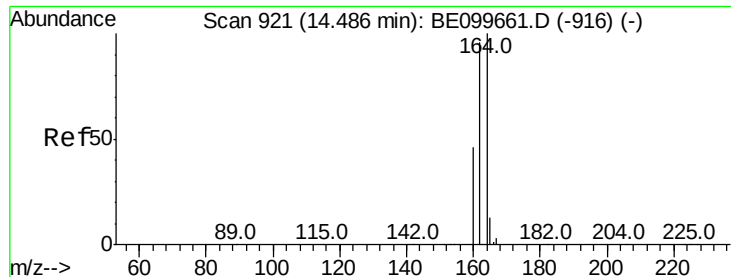
151 17.3 15.0 22.4



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# 922

Delta R.T. -0.00 min

Lab File: BE099739.D

Acq: 24 May 2019 13:11

Instrument :

BNA_E

ClientSampleId :

PB120031BL

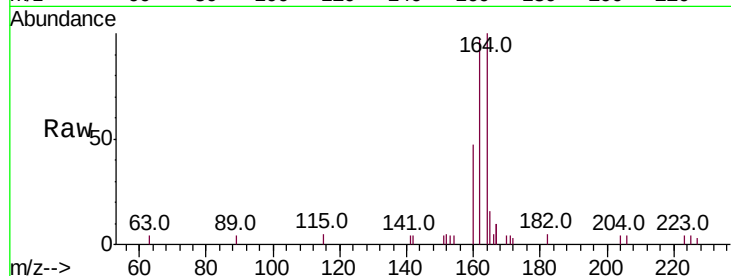
Tot Ion:164 Resp: 2611

Ion Ratio Lower Upper

164 100

162 97.4 76.5 114.7

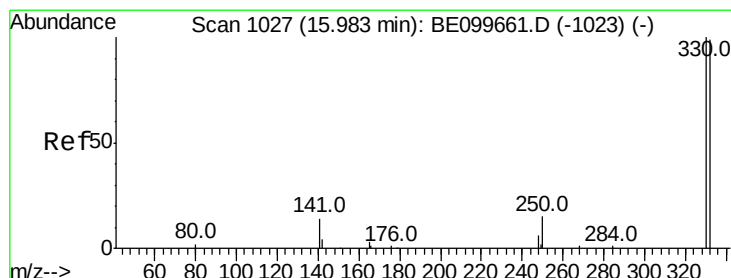
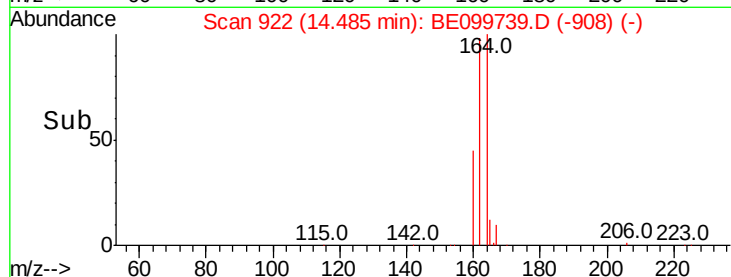
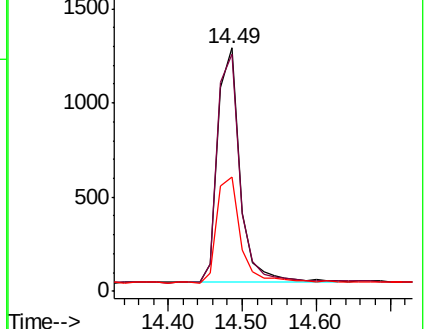
160 47.2 37.4 56.2



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: 0.508 ng

RT: 15.97 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BE099739.D

Acq: 24 May 2019 13:11

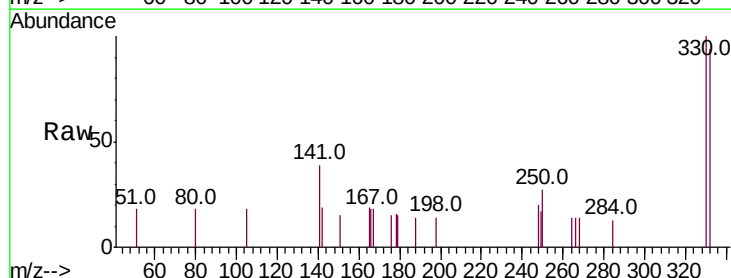
Tgt Ion:330 Resp: 759

Ion Ratio Lower Upper

330 100

332 99.2 77.3 115.9

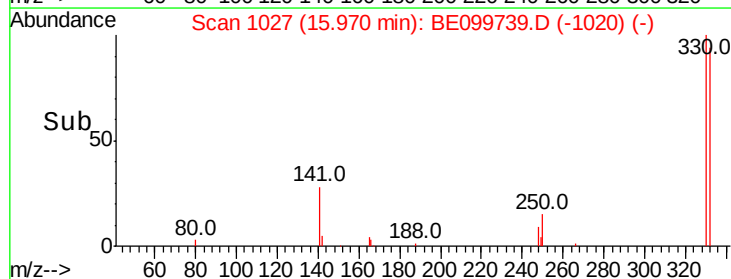
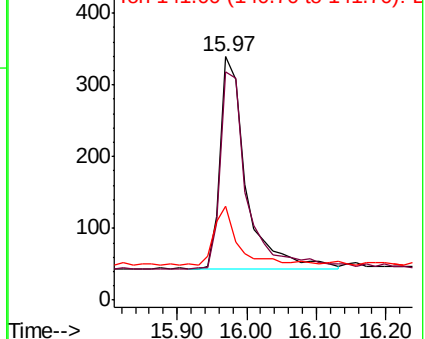
141 25.2 18.9 28.3

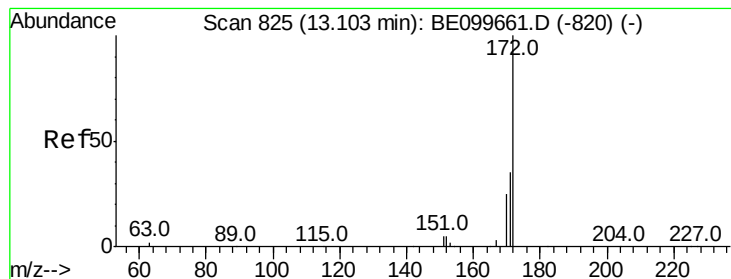


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

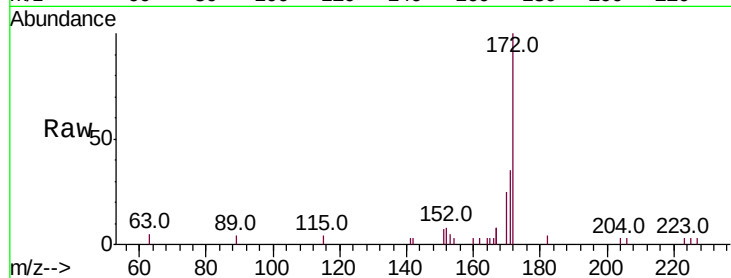




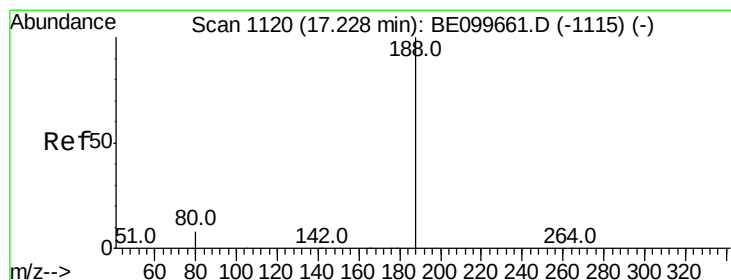
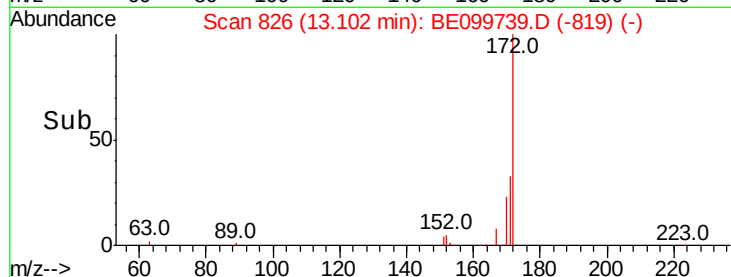
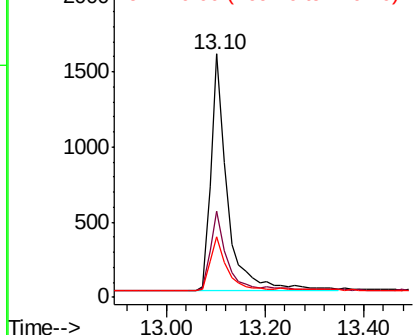
#15
 2-Fluorobiphenyl
 Concen: 0.364 ng
 RT: 13.10 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BE099739.D
 Acq: 24 May 2019 13:11

Instrument :
 BNA_E
 ClientSampleId :
 PB120031BL

Tot Ion:172 Resp: 3604
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.7 43.1
 170 24.8 20.9 31.3

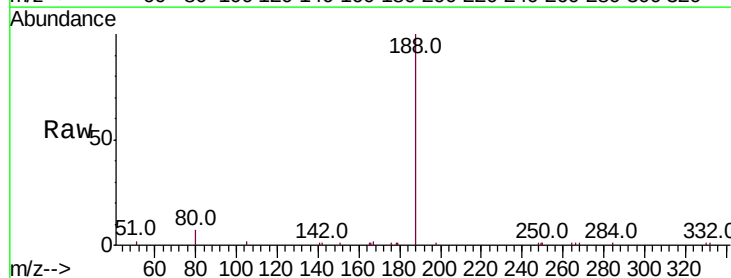


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

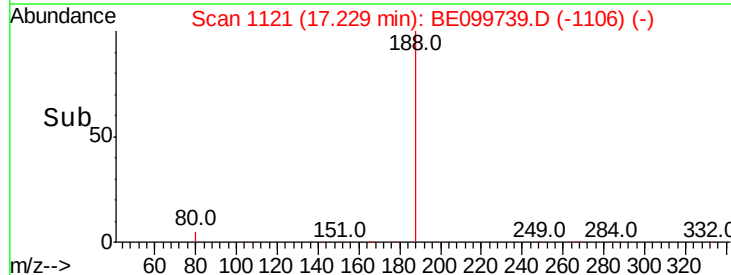
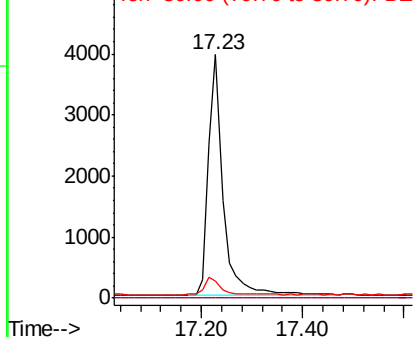


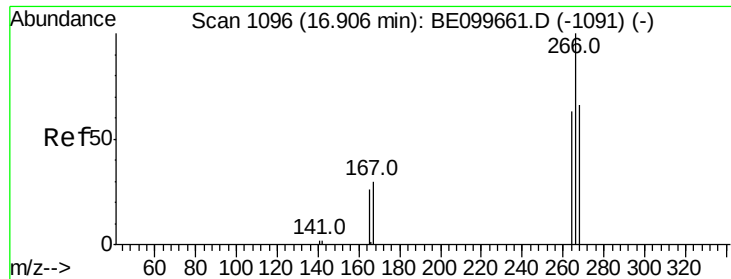
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BE099739.D
 Acq: 24 May 2019 13:11

Tgt Ion:188 Resp: 7941
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 6.8 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

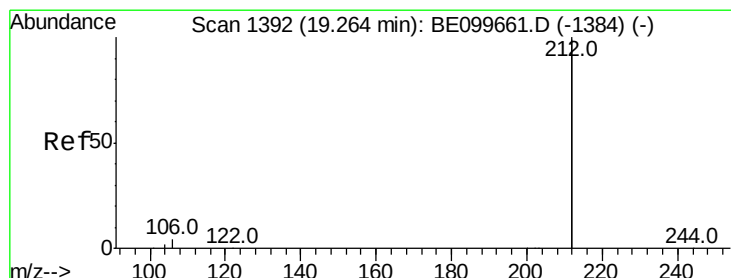
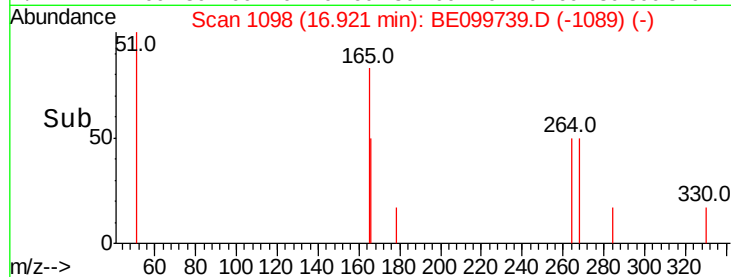
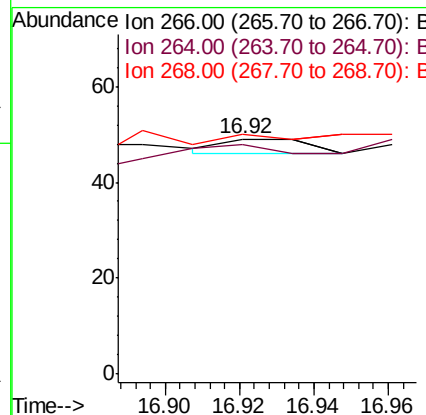
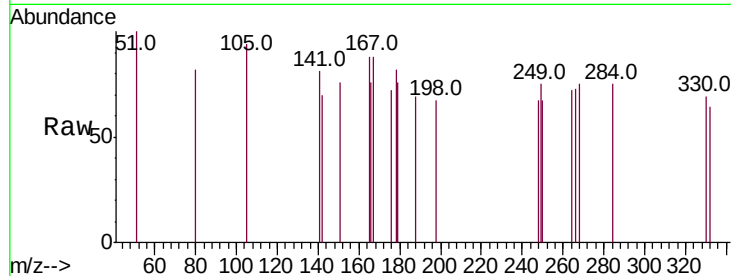




#22
 Pentachlorophenol
 Concen: 0.184 ng
 RT: 16.92 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BE099739.D
 Acq: 24 May 2019 13:11

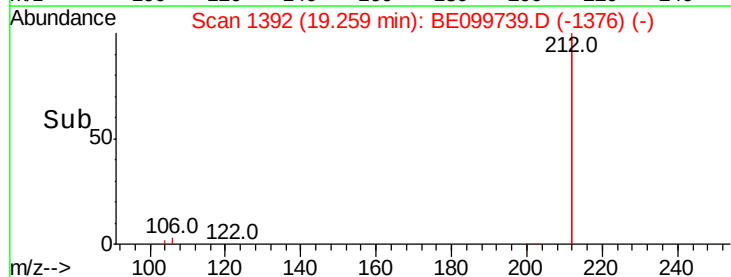
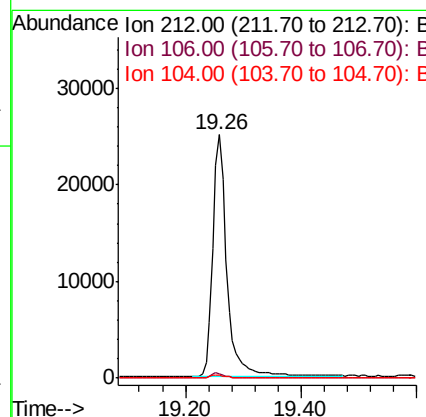
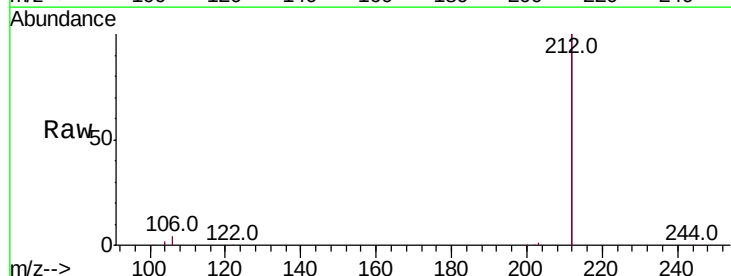
Instrument :
 BNA_E
 ClientSampleId :
 PB120031BL

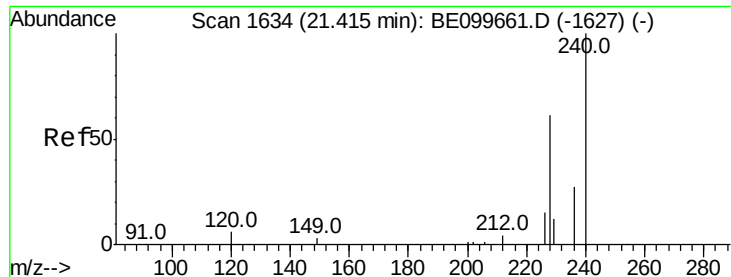
Tot Ion: 266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 98.0 57.2 85.8#
 268 102.0 60.5 90.7#



#25
 Fluoranthene-d10
 Concen: 0.391 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BE099739.D
 Acq: 24 May 2019 13:11

Tgt Ion: 212 Resp: 42385
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.8 1.2

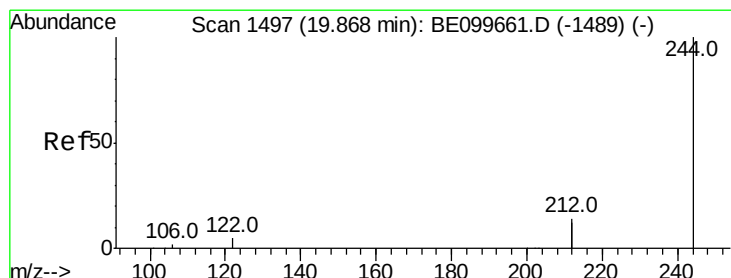
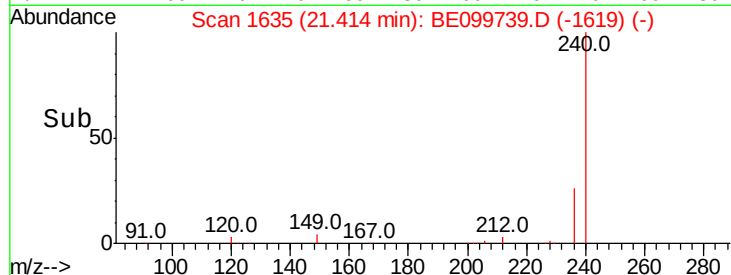
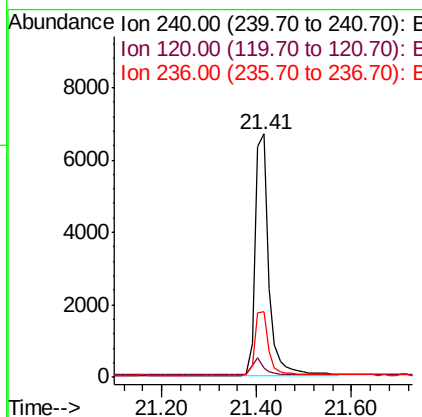
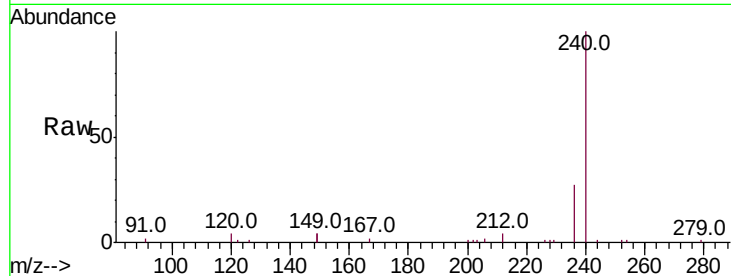




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BE099739.D
 Acq: 24 May 2019 13:11

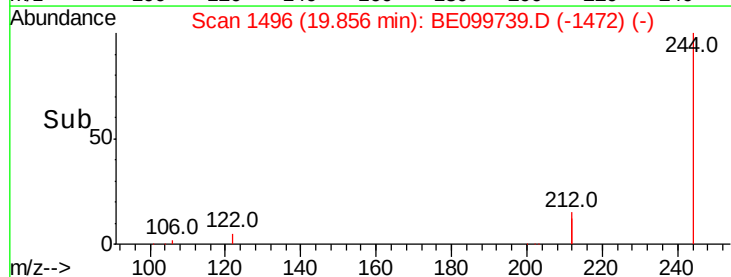
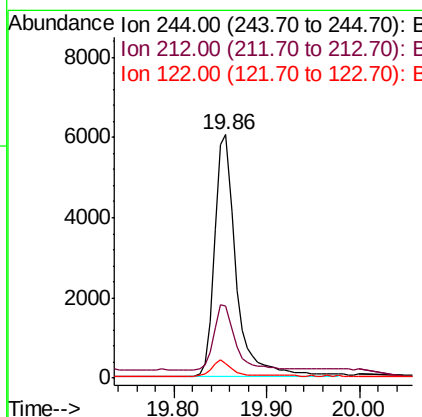
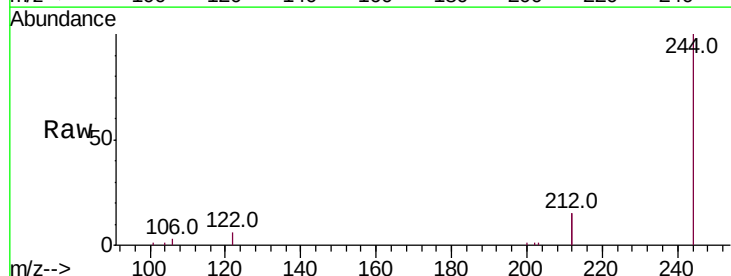
Instrument :
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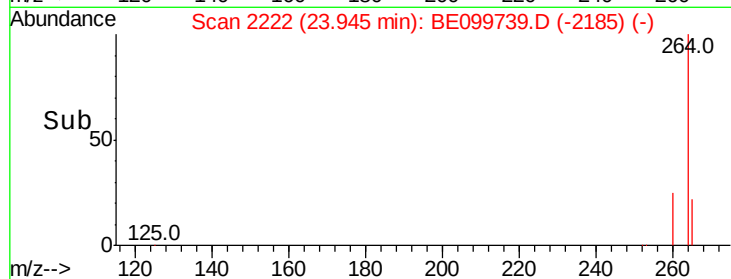
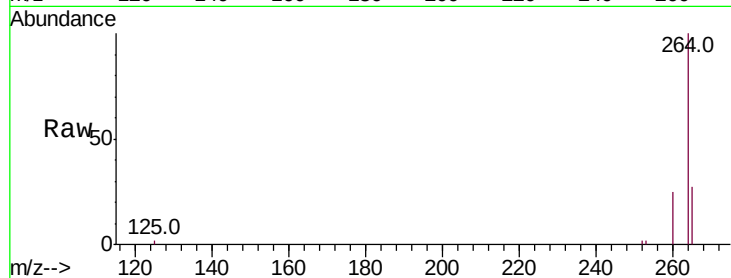
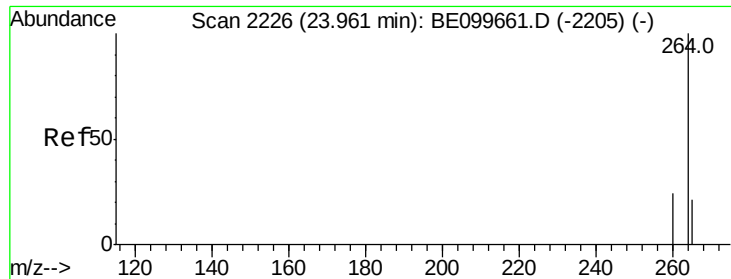
Tot Ion:240 Resp: 13428
 Ion Ratio Lower Upper
 240 100
 120 4.1 5.4 8.0#
 236 26.9 21.7 32.5



#29
 Terphenyl-d14
 Concen: 0.399 ng
 RT: 19.86 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BE099739.D
 Acq: 24 May 2019 13:11

Tgt Ion:244 Resp: 9555
 Ion Ratio Lower Upper
 244 100
 212 29.8 22.5 33.7
 122 5.9 4.3 6.5





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BE099739.D

Acq: 24 May 2019 13:11

Instrument :

BNA_E

ClientSampleId :

PB120031BL

Tot Ion:264 Resp: 16615

Ion Ratio Lower Upper

264 100

260 25.4 19.6 29.4

265 27.2 19.1 28.7

