

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099757.D
 Acq On : 28 May 2019 15:14
 Operator : JU/SJ
 Sample : PB120100BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 28 16:11:01 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

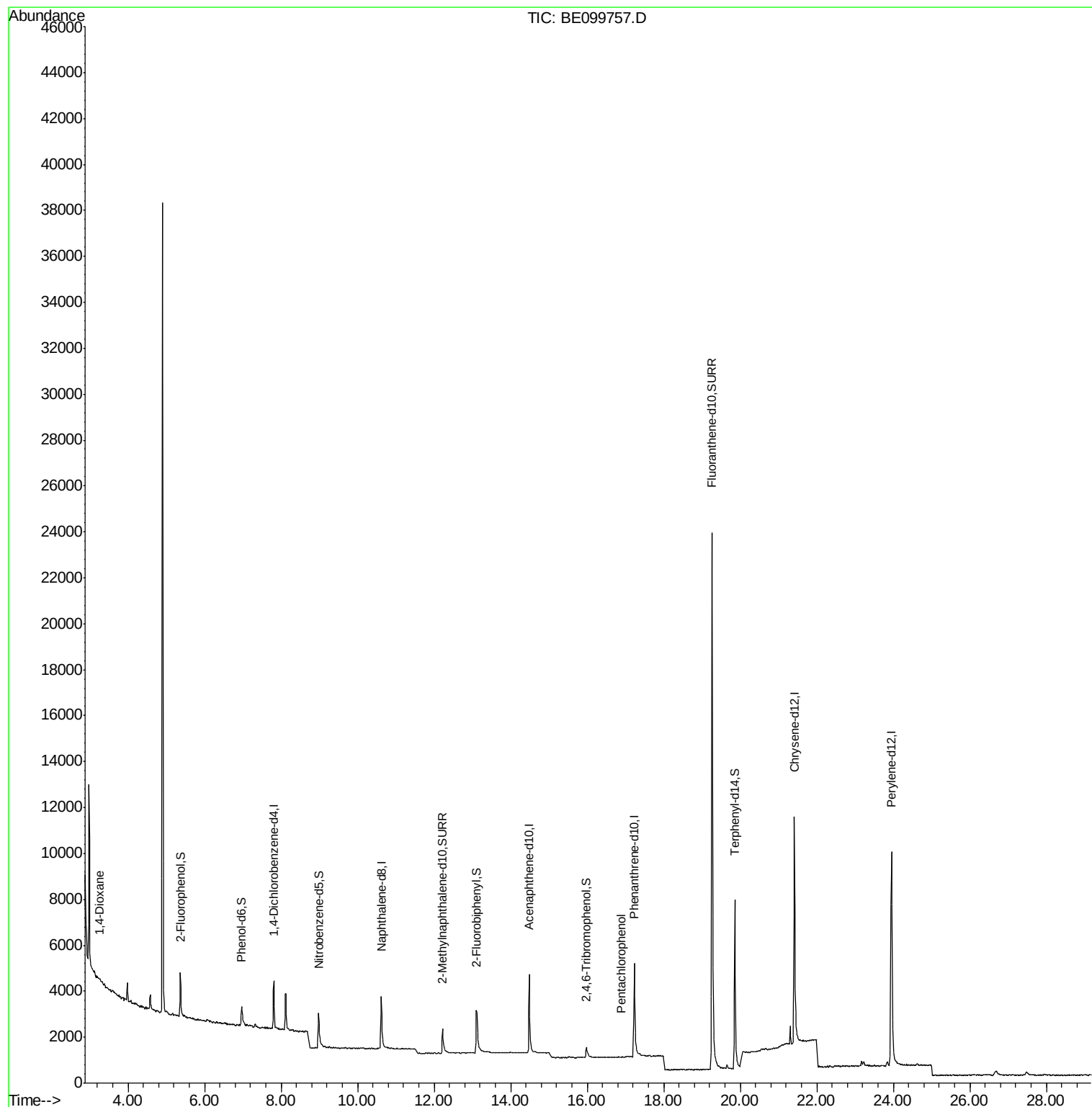
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1263	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	3976	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2731	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	8697	0.40	ng	0.00
27) Chrysene-d12	21.41	240	14128	0.40	ng	0.00
34) Perylene-d12	23.95	264	17392	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1212	0.38	ng	0.00
5) Phenol-d6	6.96	99	1545	0.37	ng	-0.01
8) Nitrobenzene-d5	8.98	82	1023	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2349	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	607	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	3639	0.35	ng	0.01
25) Fluoranthene-d10	19.26	212	44130	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	9501	0.38	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.26	88	111	0.059	ng	# 34
22) Pentachlorophenol	16.88	266	2	0.182	ng	# 75

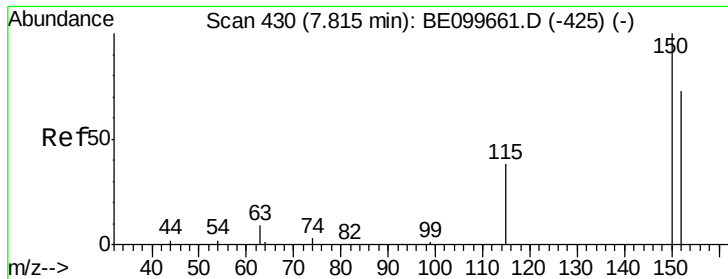
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 20 19:29:40 2019
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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: BE099757.D

Acq: 28 May 2019 15:14

Instrument :

BNA_E

ClientSampled :

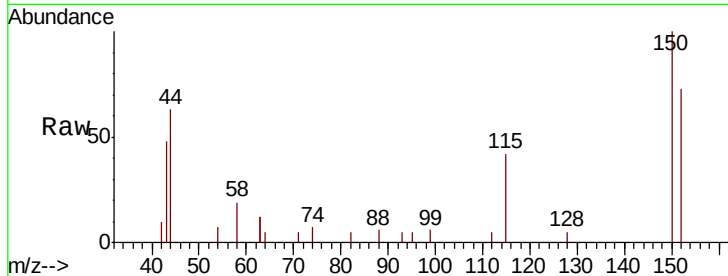
Tot Ion:152 Resp: 1263

Ion Ratio Lower Upper

152 100

150 137.1 109.2 163.8

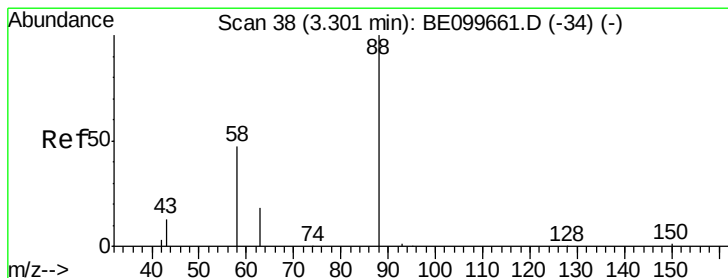
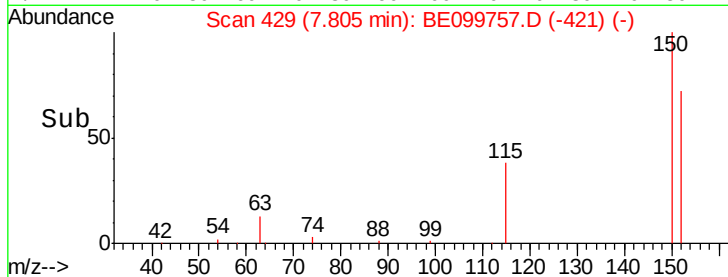
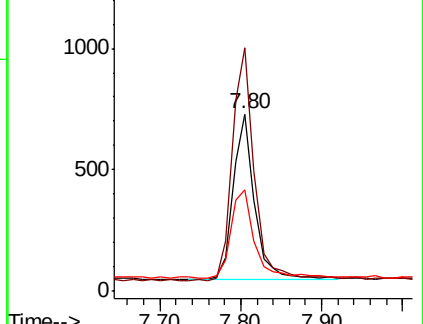
115 57.5 43.7 65.5



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: 0.059 ng

RT: 3.26 min Scan# 34

Delta R.T. -0.04 min

Lab File: BE099757.D

Acq: 28 May 2019 15:14

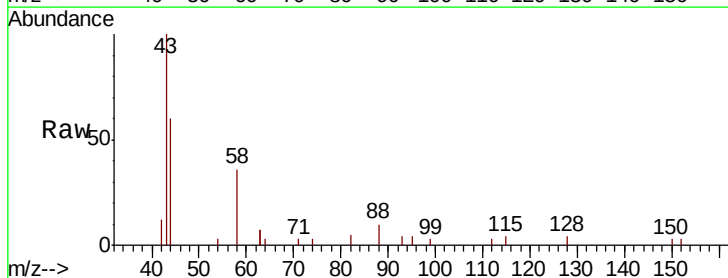
Tgt Ion: 88 Resp: 111

Ion Ratio Lower Upper

88 100

58 0.0 41.8 62.8#

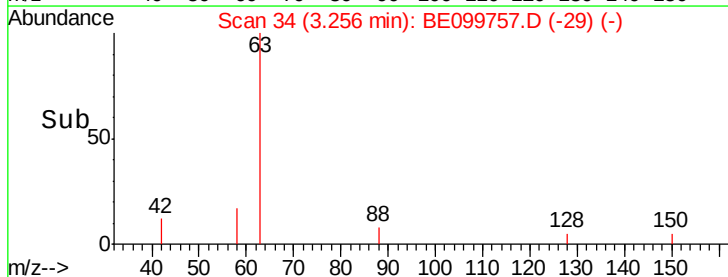
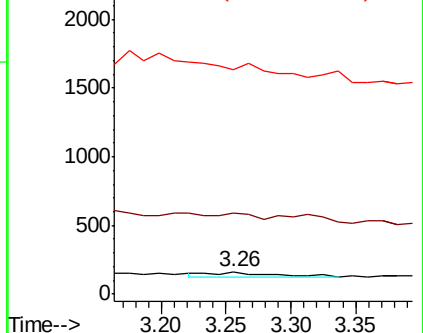
43 0.0 15.0 22.4#

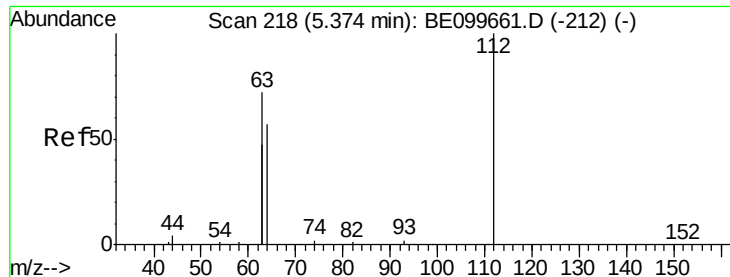


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.380 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099757.D

Acq: 28 May 2019 15:14

Instrument :

BNA_E

ClientSampled :

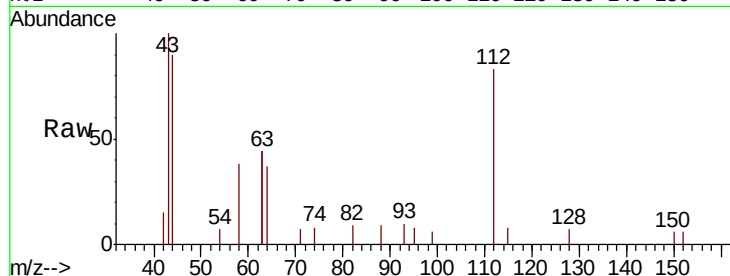
Tot Ion: 112 Resp: 1212

Ion Ratio Lower Upper

112 100

64 54.9 43.4 65.2

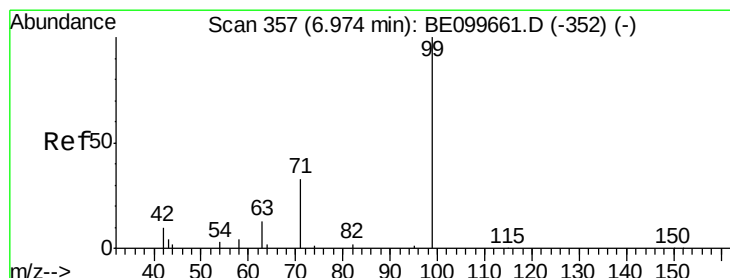
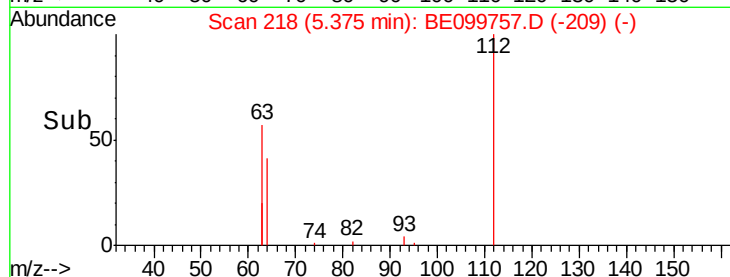
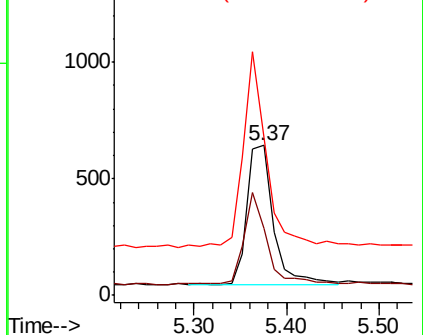
63 117.4 96.9 145.3



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: 0.366 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099757.D

Acq: 28 May 2019 15:14

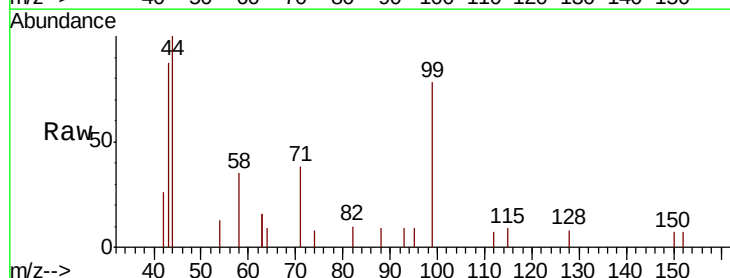
Tgt Ion: 99 Resp: 1545

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.2

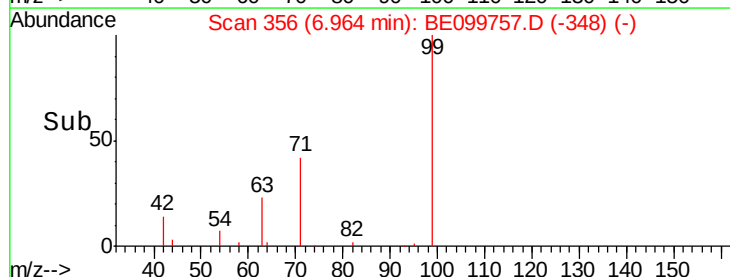
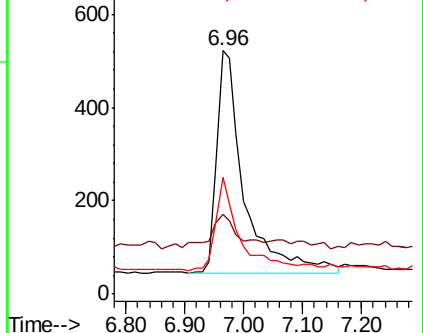
71 37.1 28.9 43.3

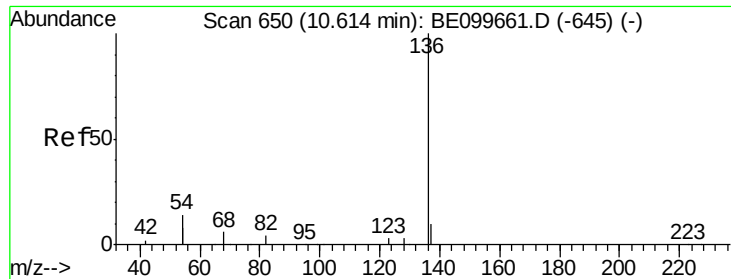


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099757.D

Acq: 28 May 2019 15:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3976

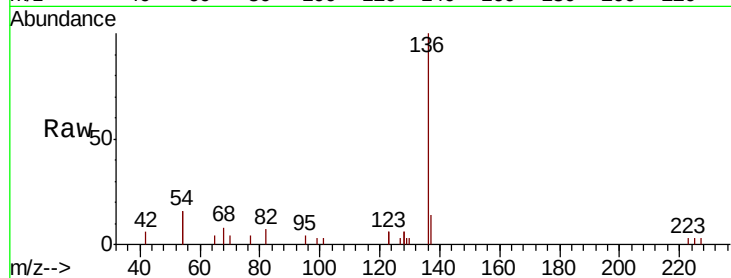
Ion Ratio Lower Upper

136 100

137 14.1 9.0 13.6#

54 31.6 22.3 33.5

68 8.3 6.0 9.0

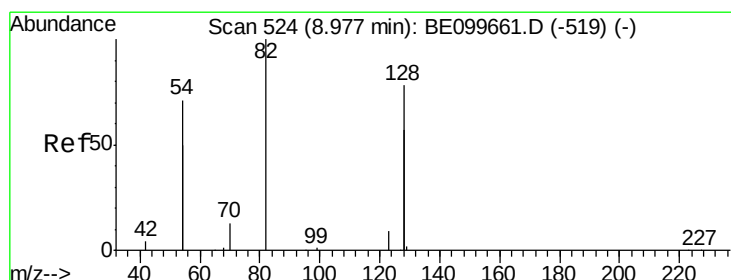
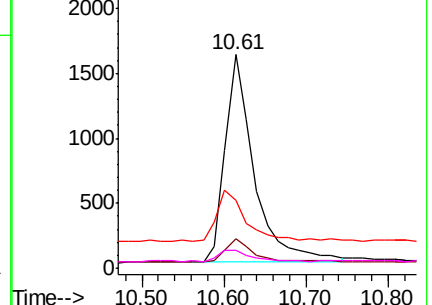
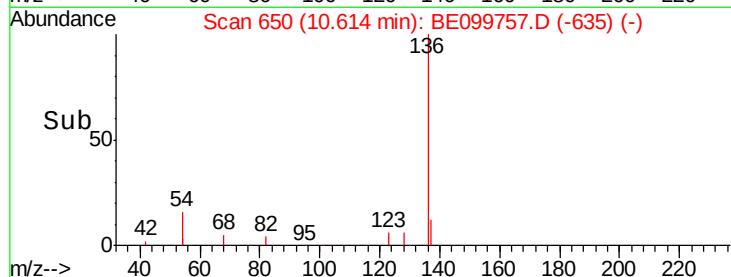


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.297 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099757.D

Acq: 28 May 2019 15:14

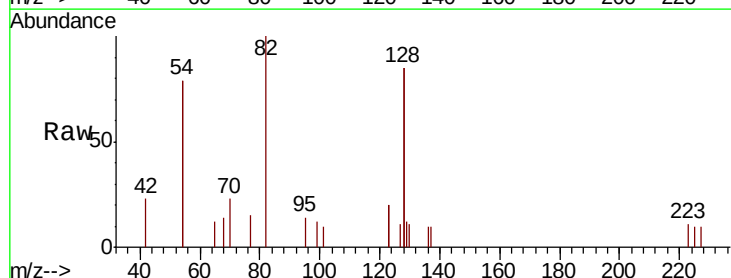
Tgt Ion: 82 Resp: 1023

Ion Ratio Lower Upper

82 100

128 170.2 117.7 176.5

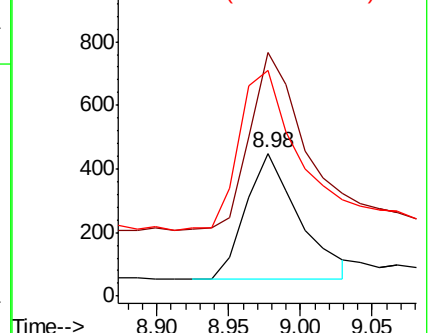
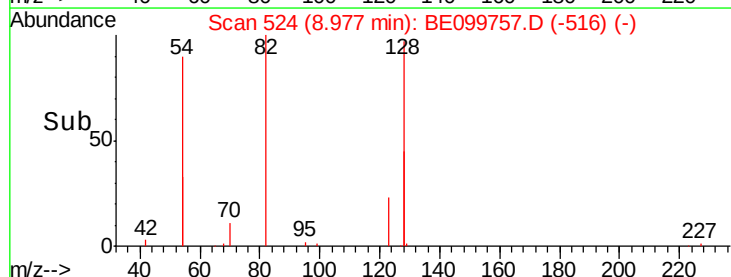
54 157.8 106.6 160.0

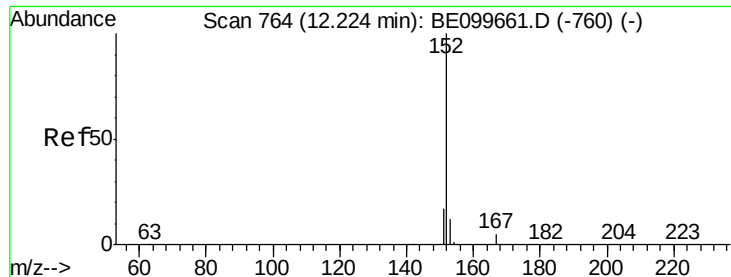


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

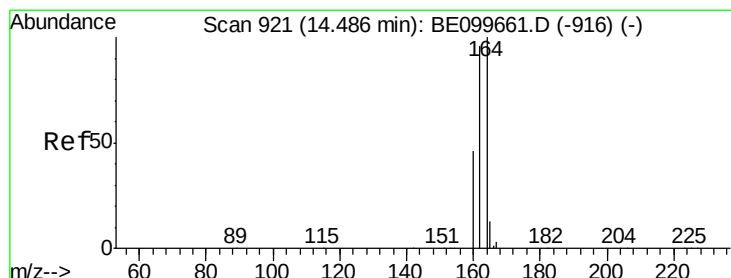
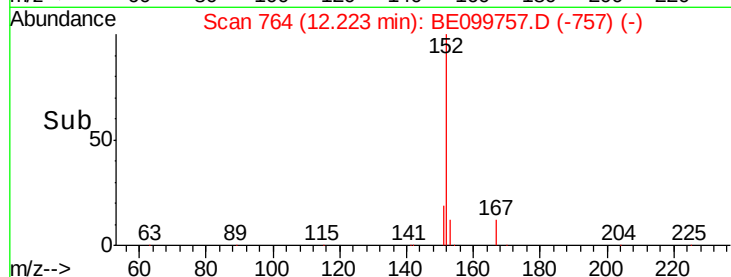
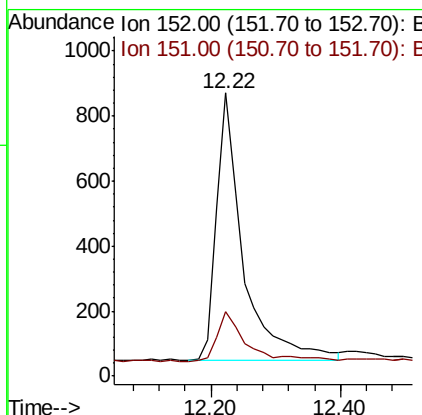
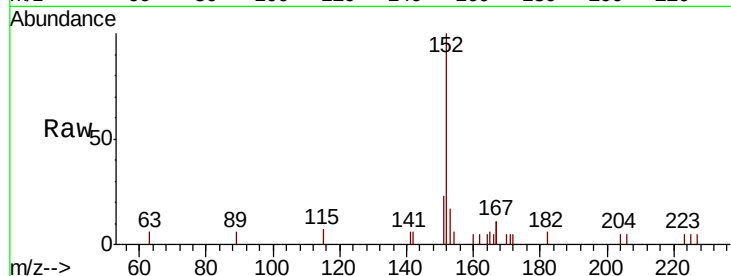




#11
 2-Methylnaphthalene-d10
 Concen: 0.342 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099757.D
 Acq: 28 May 2019 15:14

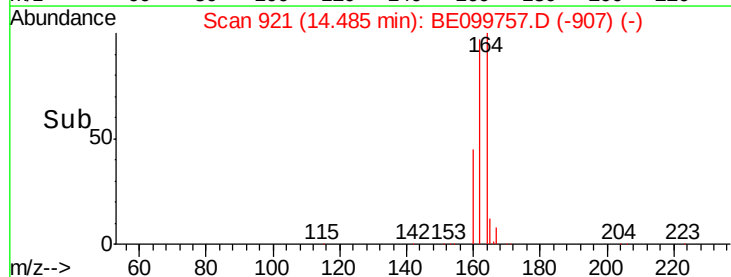
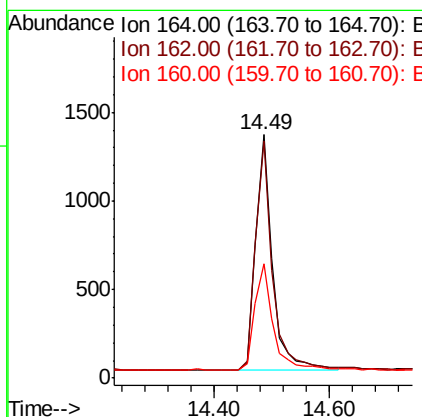
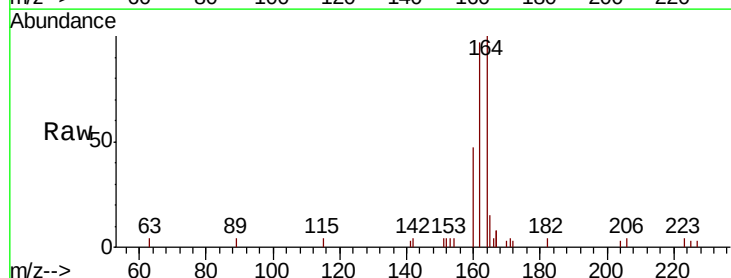
Instrument :
 BNA_E
 ClientSampled :

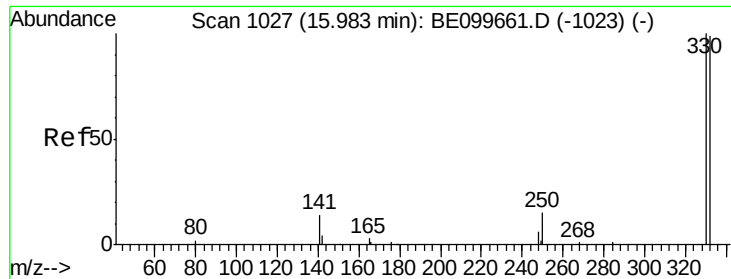
Tot Ion:152 Resp: 2349
 Ion Ratio Lower Upper
 152 100
 151 20.3 15.0 22.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE099757.D
 Acq: 28 May 2019 15:14

Tgt Ion:164 Resp: 2731
 Ion Ratio Lower Upper
 164 100
 162 97.2 76.5 114.7
 160 46.8 37.4 56.2

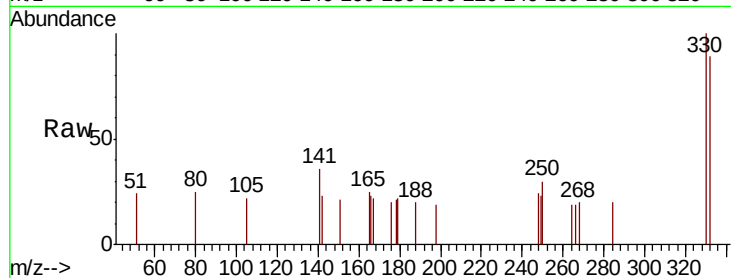




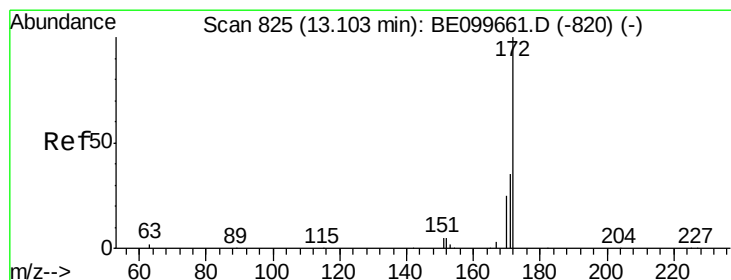
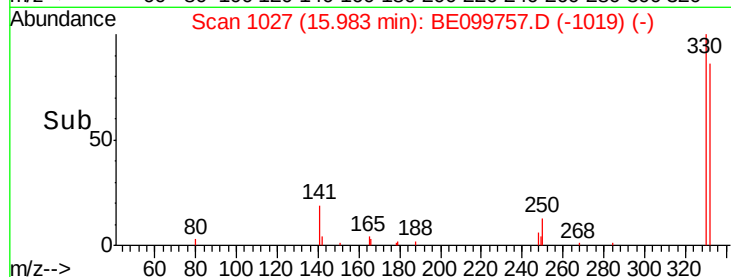
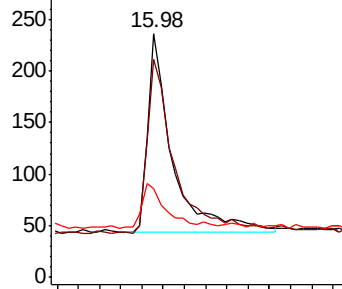
#14
 2,4,6-Tribromophenol
 Concen: 0.422 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099757.D
 Acq: 28 May 2019 15:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 607
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.3 115.9
 141 20.9 18.9 28.3

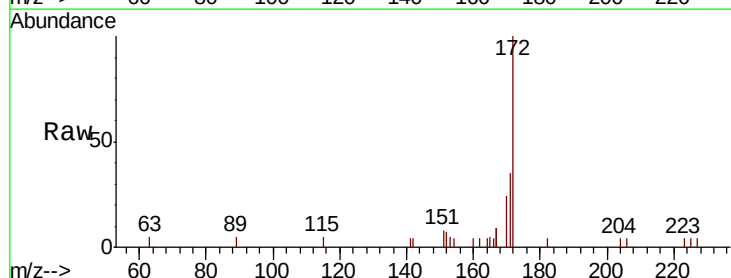


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

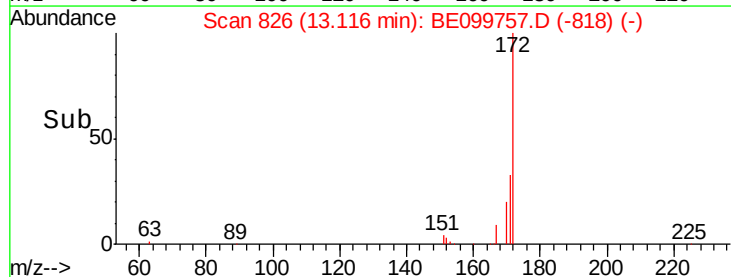
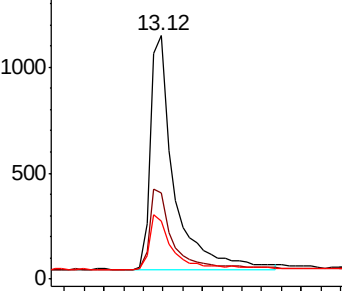


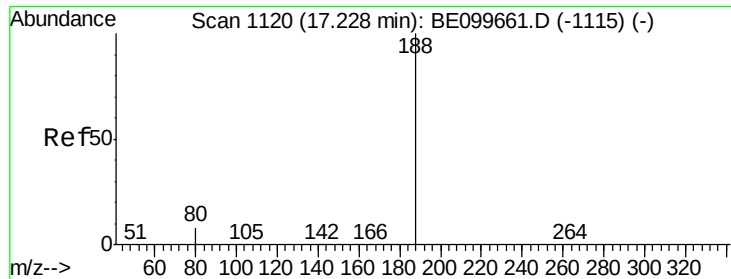
#15
 2-Fluorobiphenyl
 Concen: 0.351 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BE099757.D
 Acq: 28 May 2019 15:14

Tgt Ion:172 Resp: 3639
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.7 43.1
 170 23.7 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

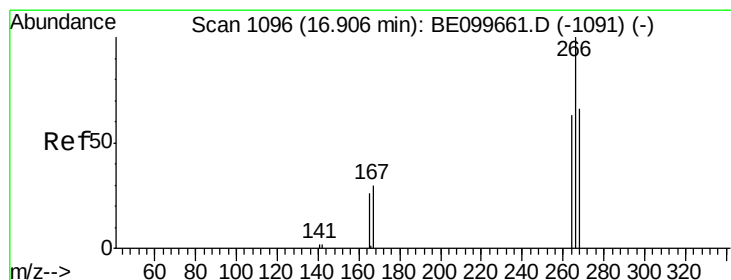
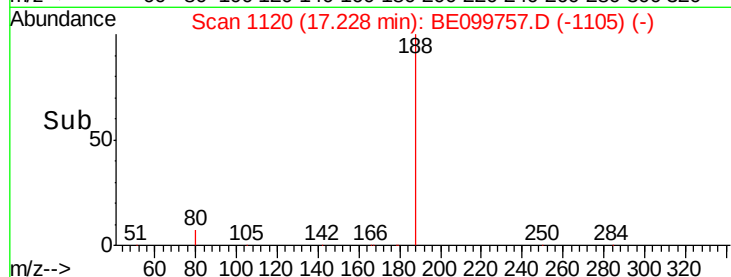
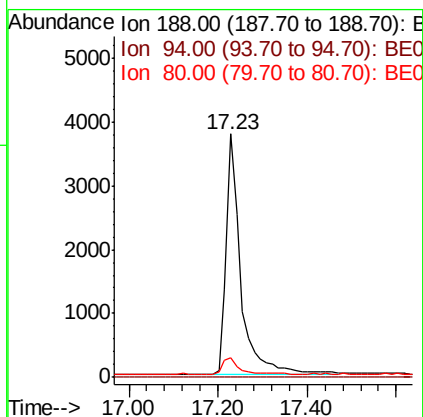
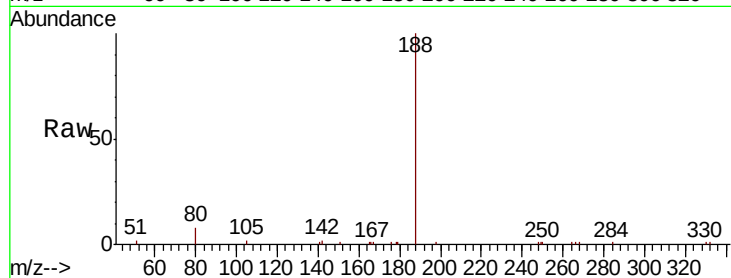




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099757.D
Acq: 28 May 2019 15:14

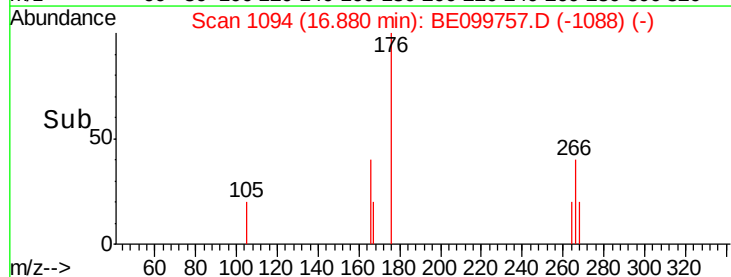
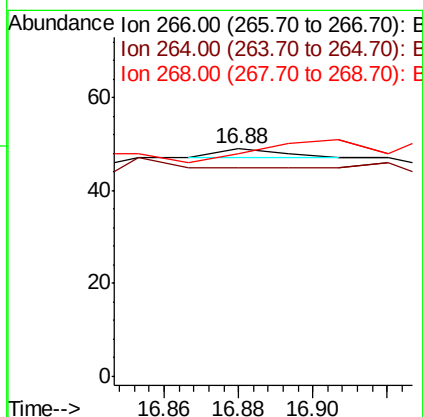
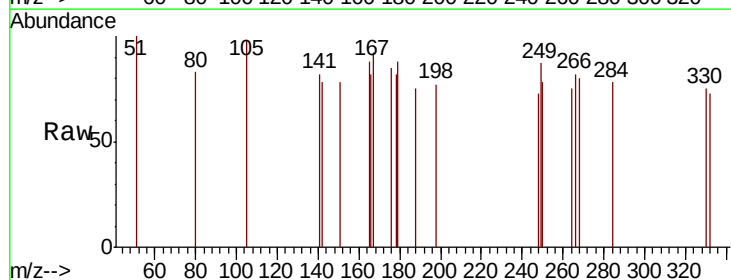
Instrument :
BNA_E
ClientSampled :

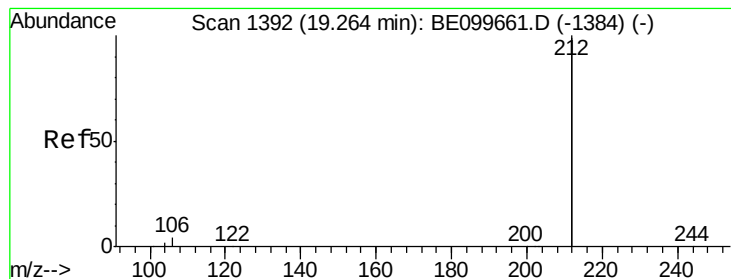
Tot Ion:188 Resp: 8697
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.7 10.1



#22
Pentachlorophenol
Concen: 0.182 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BE099757.D
Acq: 28 May 2019 15:14

Tgt Ion:266 Resp: 2
Ion Ratio Lower Upper
266 100
264 91.8 57.2 85.8#
268 98.0 60.5 90.7#





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099757.D

Acq: 28 May 2019 15:14

Instrument :

BNA_E

ClientSampleId :

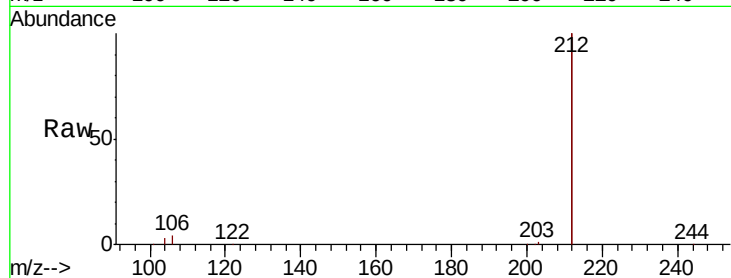
Tot Ion:212 Resp: 44130

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

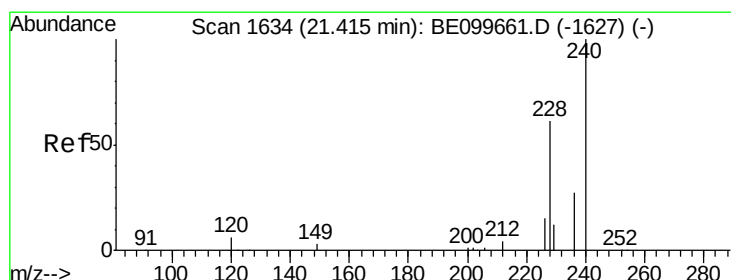
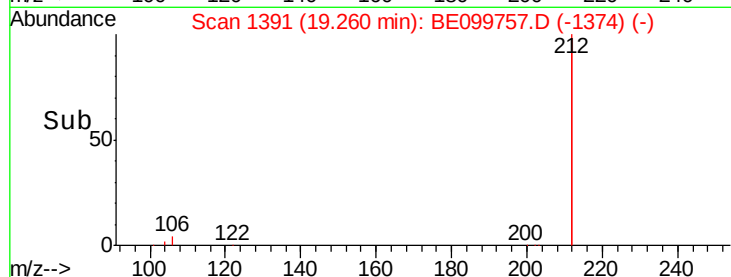
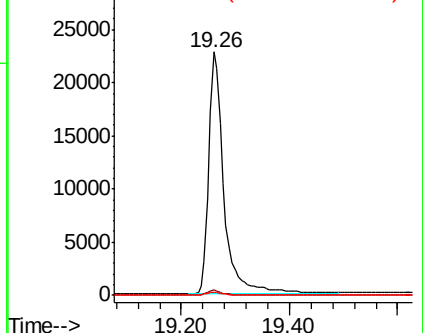
104 1.0 0.8 1.2



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: BE099757.D

Acq: 28 May 2019 15:14

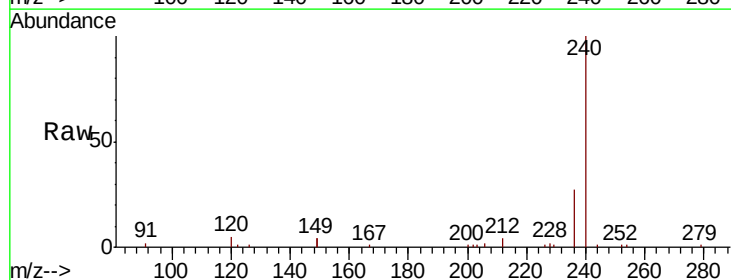
Tgt Ion:240 Resp: 14128

Ion Ratio Lower Upper

240 100

120 5.1 5.4 8.0#

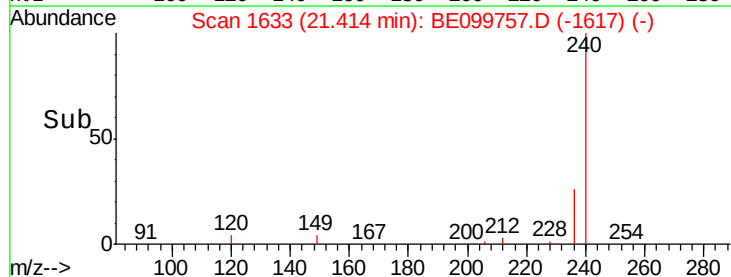
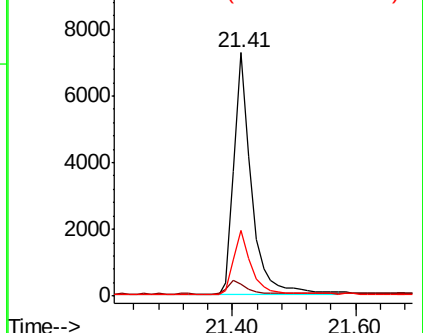
236 26.9 21.7 32.5

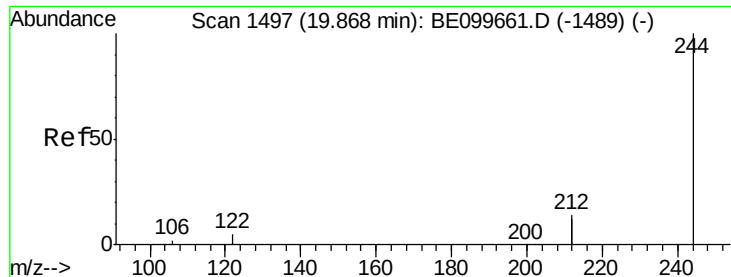


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.377 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099757.D

Acq: 28 May 2019 15:14

Instrument :

BNA_E

ClientSampleId :

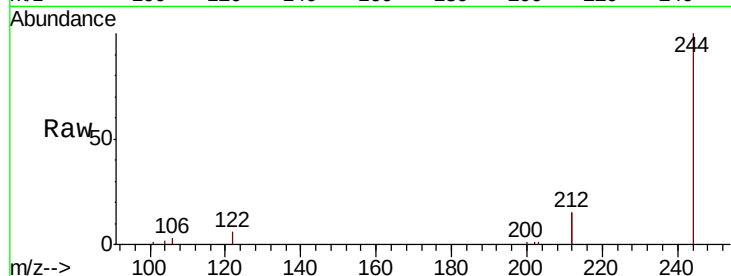
Tot Ion:244 Resp: 9501

Ion Ratio Lower Upper

244 100

212 30.6 22.5 33.7

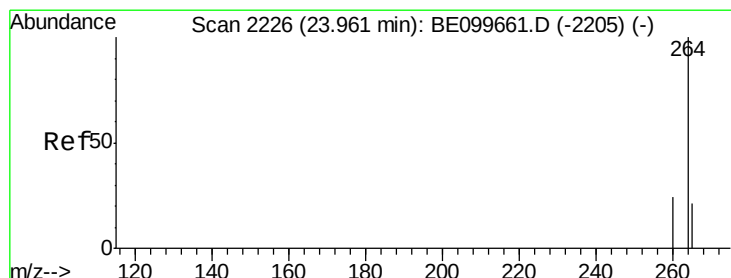
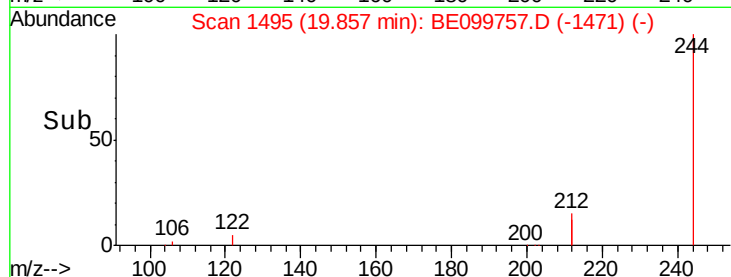
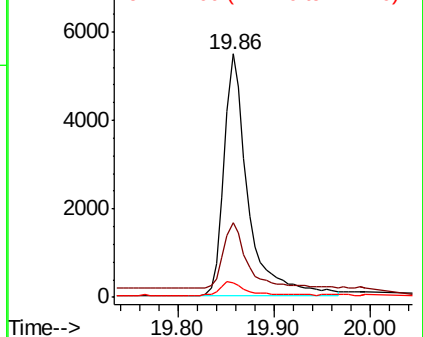
122 5.9 4.3 6.5



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BE099757.D

Acq: 28 May 2019 15:14

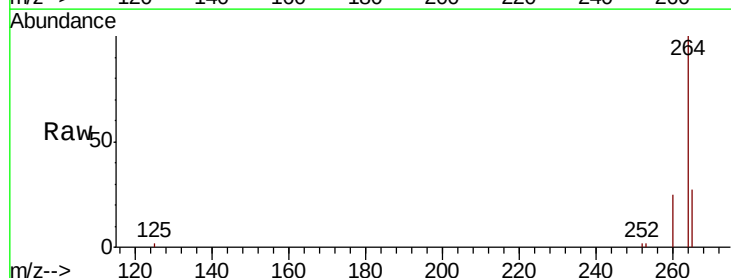
Tgt Ion:264 Resp: 17392

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 26.6 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

