

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041919\
 Data File : BE099349.D
 Acq On : 19 Apr 2019 15:12
 Operator : JU/SJ
 Sample : PB119051BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119051BL

Quant Time: Apr 19 22:57:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

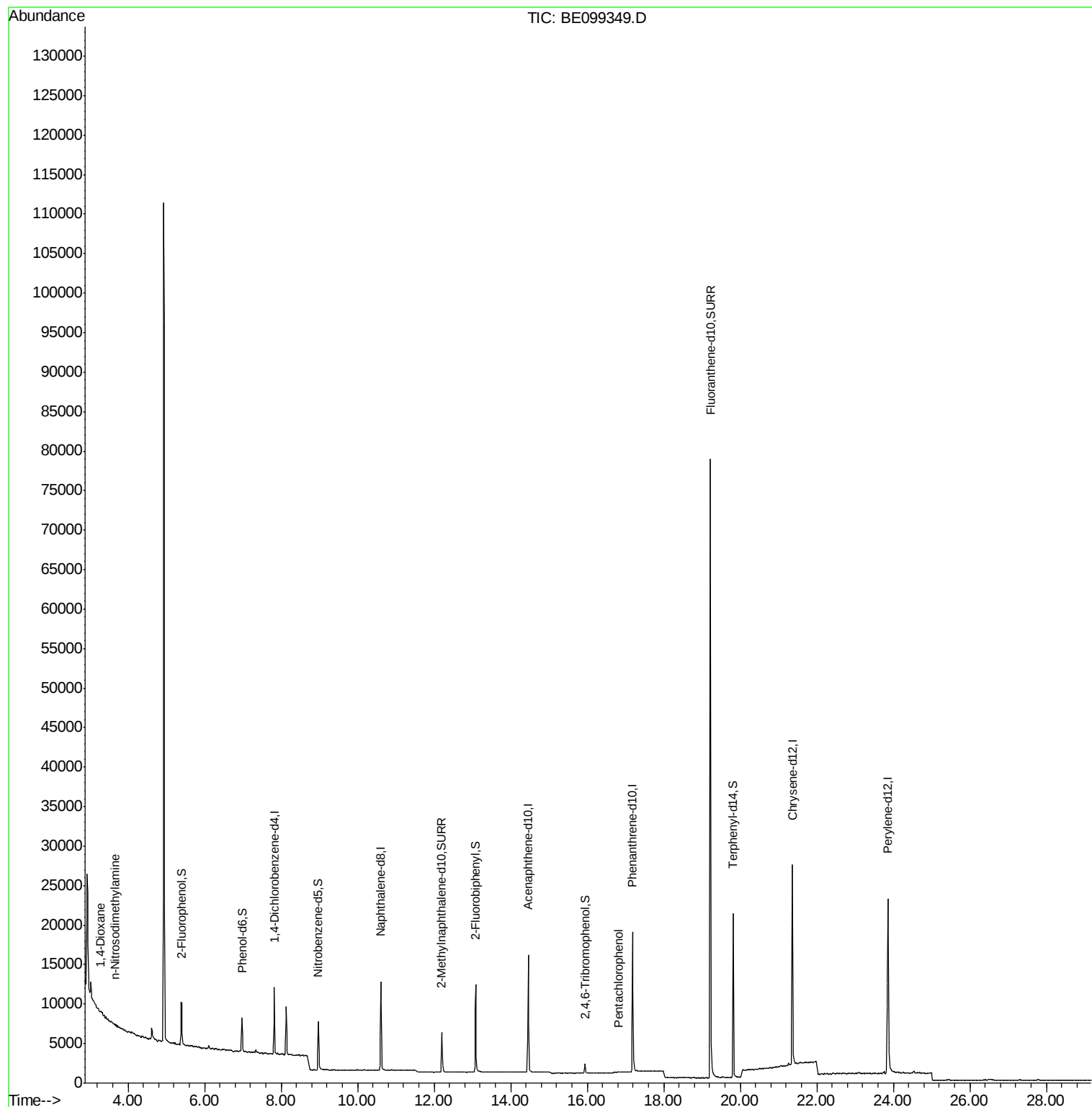
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4092	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	14240	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8755	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	26691	0.40	ng	0.00
27) Chrysene-d12	21.37	240	31638	0.40	ng	0.00
34) Perylene-d12	23.86	264	34927	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3508	0.35	ng	0.01
5) Phenol-d6	6.97	99	4484	0.31	ng	0.00
8) Nitrobenzene-d5	8.97	82	3345	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	7569	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	919	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	11637	0.34	ng	0.00
25) Fluoranthene-d10	19.22	212	108551	0.34	ng	0.00
29) Terphenyl-d14	19.81	244	19041	0.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	428	0.075	ng	Qvalue # 60
3) n-Nitrosodimethylamine	3.66	42	178	0.058	ng	# 1
22) Pentachlorophenol	16.81	266	14	0.223	ng	# 67

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

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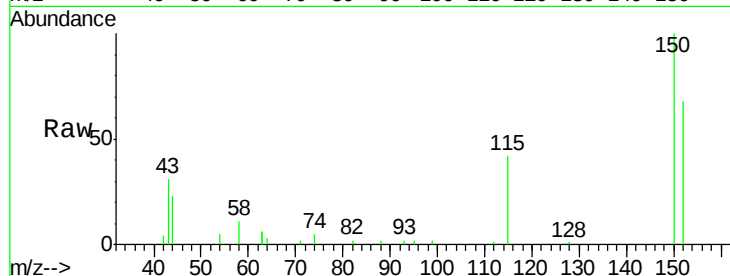
Tgt Ion:152 Resp: 4092

Ion Ratio Lower Upper

152 100

150 147.0 119.5 179.3

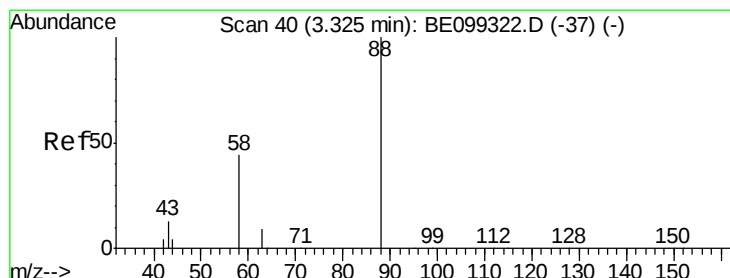
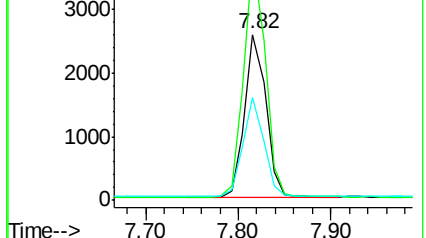
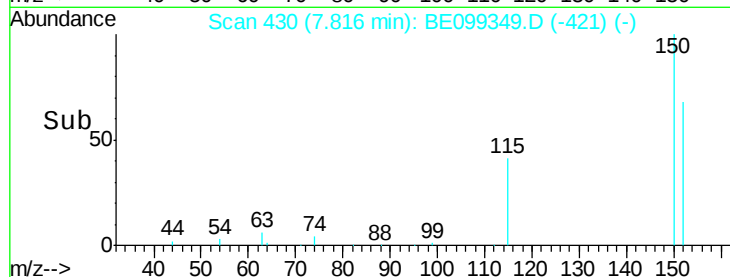
115 62.0 47.5 71.3



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: 0.075 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.05 min

Lab File: BE099349.D

Acq: 19 Apr 2019 15:12

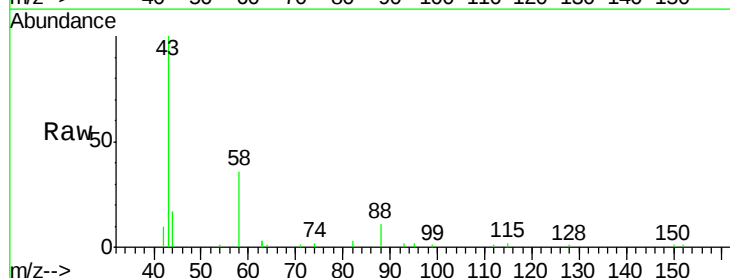
Tgt Ion: 88 Resp: 428

Ion Ratio Lower Upper

88 100

58 90.0 49.1 73.7#

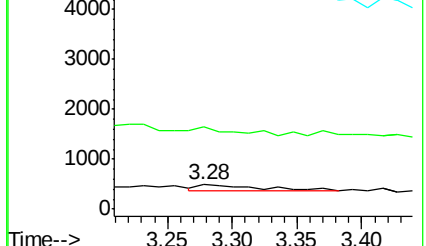
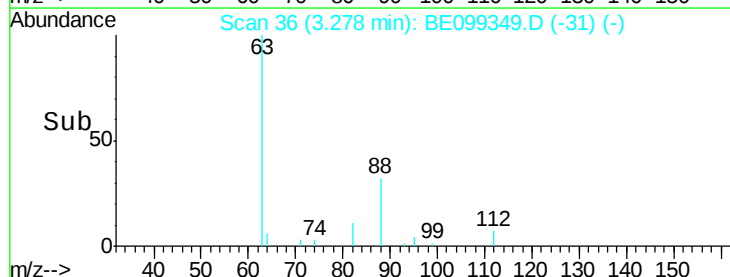
43 0.0 17.9 26.9#

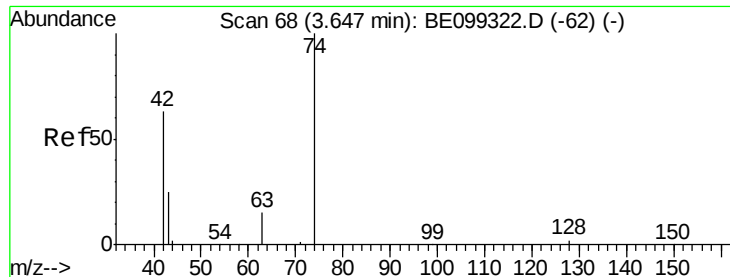


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.058 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.00 min

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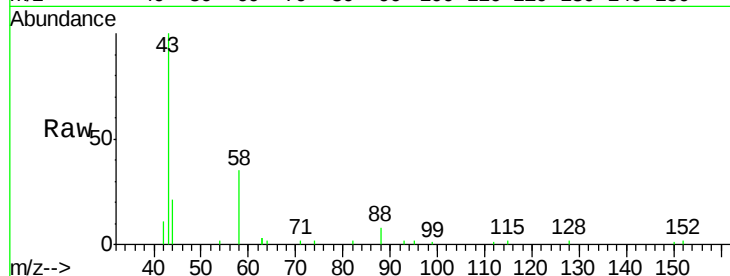
Tgt Ion: 42 Resp: 178

Ion Ratio Lower Upper

42 100

74 0.0 145.8 218.8#

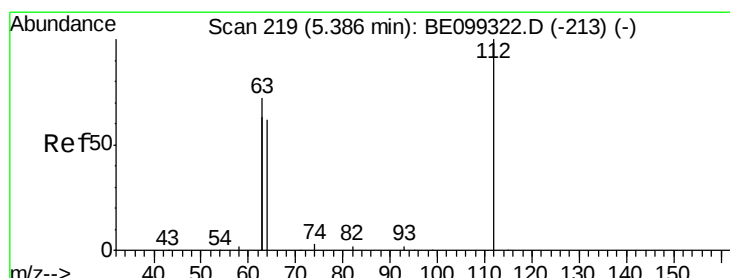
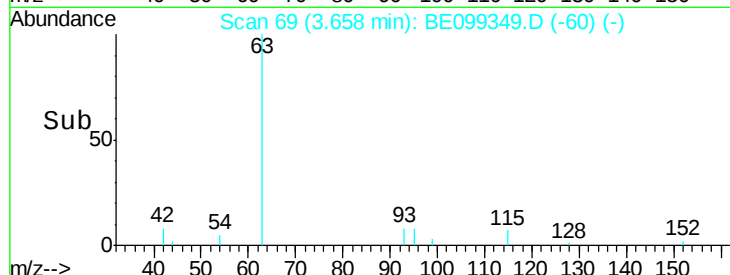
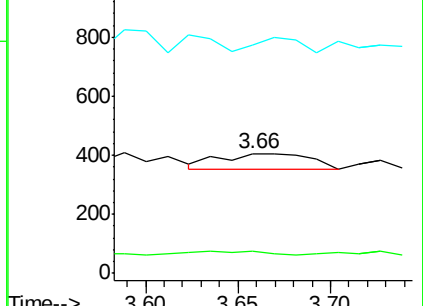
44 48.3 9.0 13.4#



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: 0.351 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099349.D

Acq: 19 Apr 2019 15:12

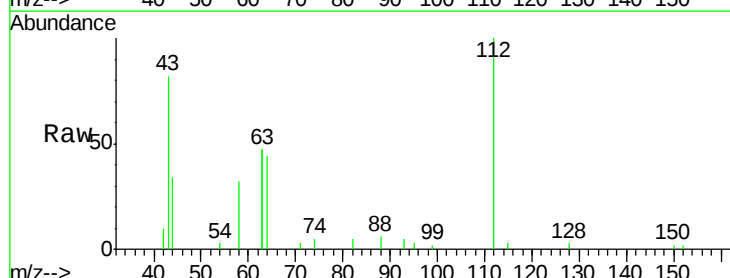
Tgt Ion: 112 Resp: 3508

Ion Ratio Lower Upper

112 100

64 55.2 44.9 67.3

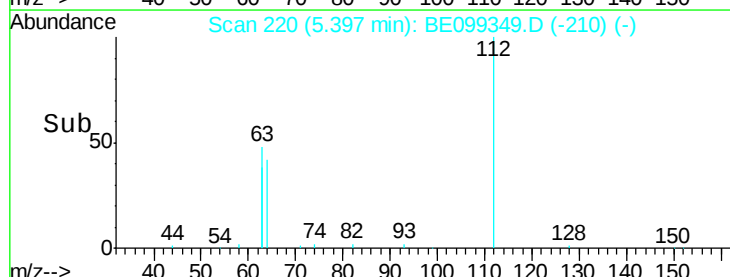
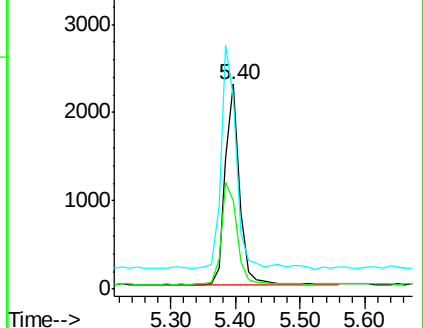
63 114.4 97.4 146.0

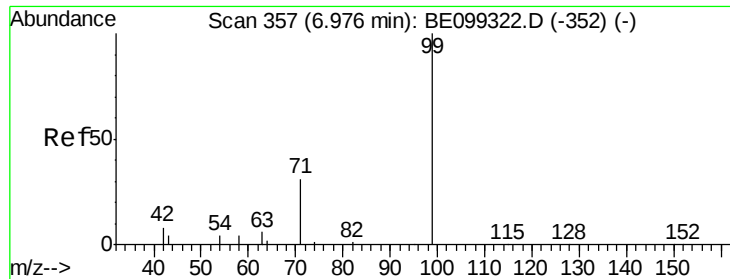


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.314 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099349.D

Acq: 19 Apr 2019 15:12

Instrument :

BNA_E

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PB119051BL

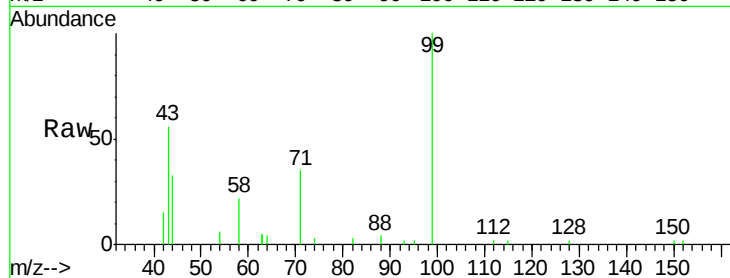
Tgt Ion: 99 Resp: 4484

Ion Ratio Lower Upper

99 100

42 17.1 11.7 17.5

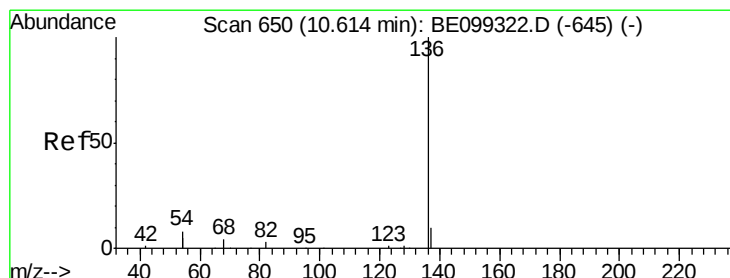
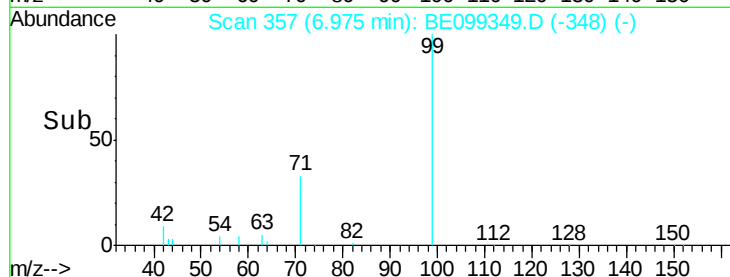
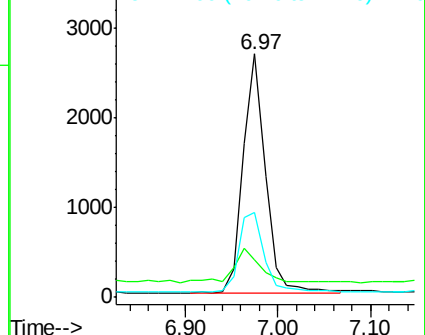
71 37.8 29.6 44.4



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: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099349.D

Acq: 19 Apr 2019 15:12

Tgt Ion: 136 Resp: 14240

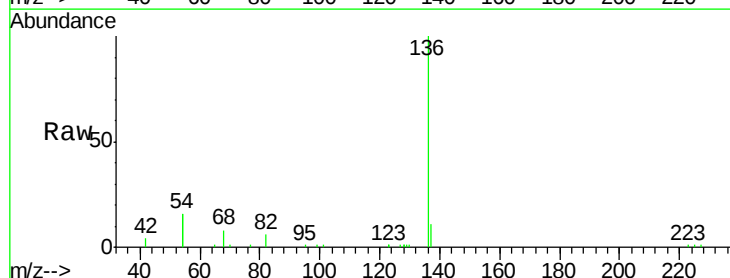
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 31.8 23.8 35.8

68 7.8 6.4 9.6

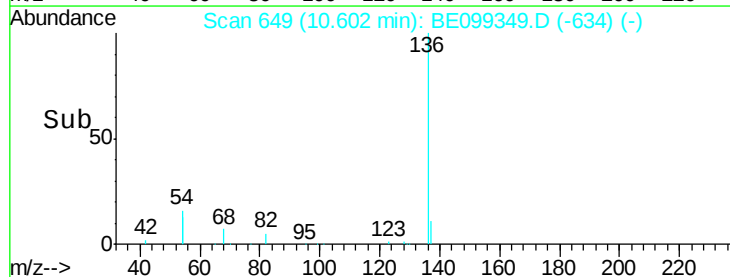
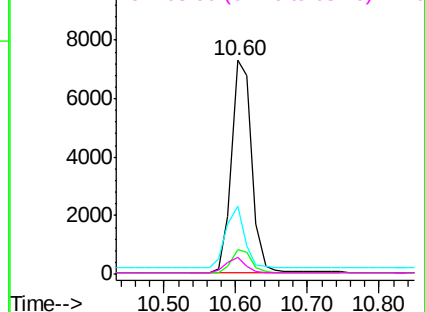


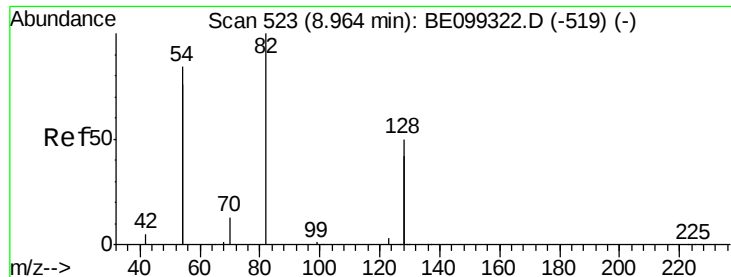
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.303 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099349.D

Acq: 19 Apr 2019 15:12

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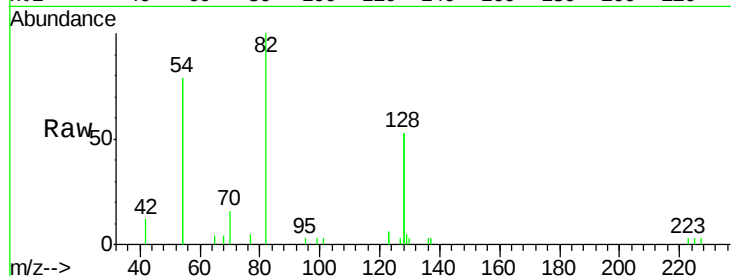
Tgt Ion: 82 Resp: 3345

Ion Ratio Lower Upper

82 100

128 106.6 91.7 137.5

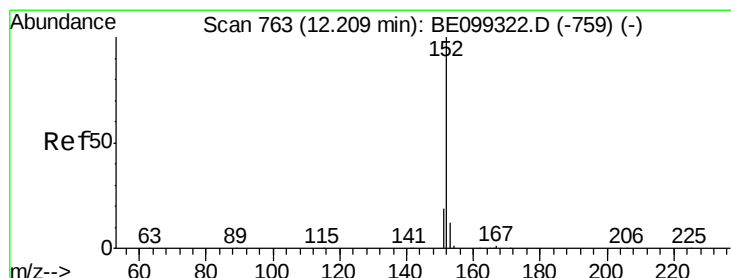
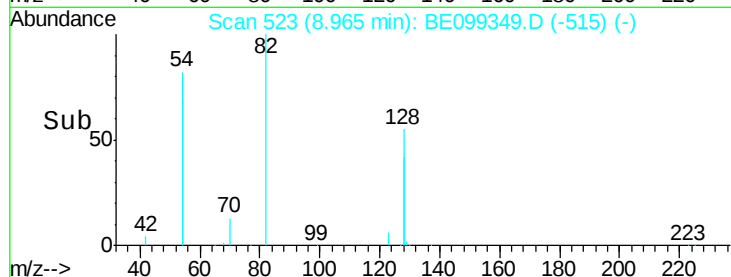
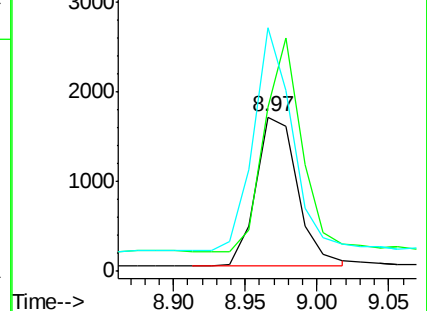
54 157.7 122.8 184.2



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: 0.301 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099349.D

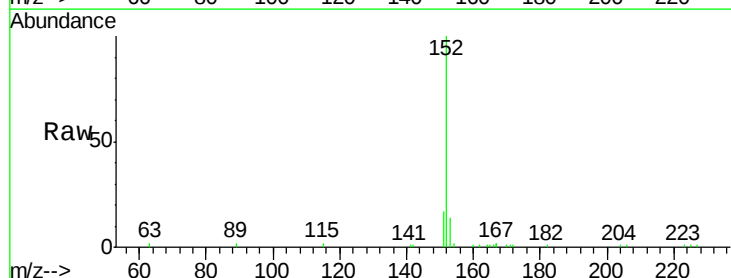
Acq: 19 Apr 2019 15:12

Tgt Ion: 152 Resp: 7569

Ion Ratio Lower Upper

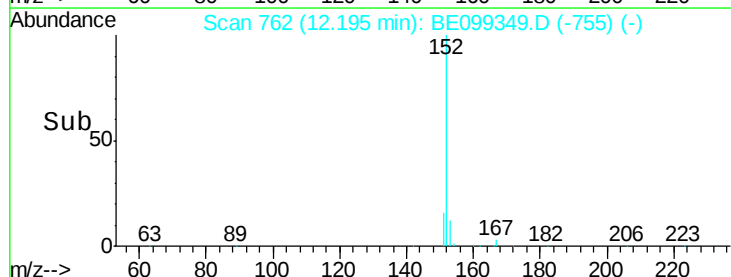
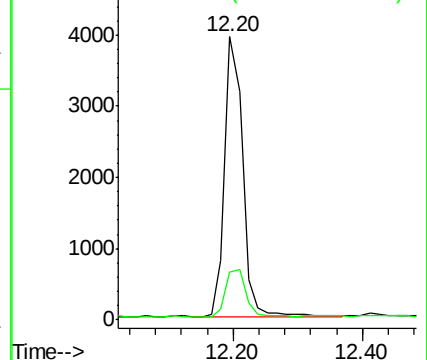
152 100

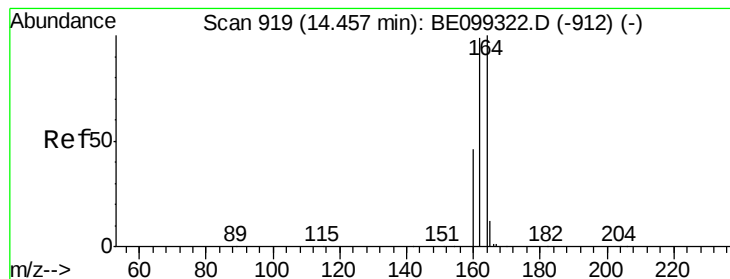
151 18.8 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099349.D

Acq: 19 Apr 2019 15:12

Instrument :

BNA_E

ClientSampleId :

PB119051BL

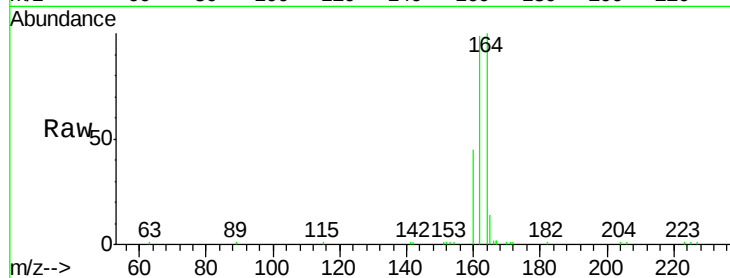
Tgt Ion:164 Resp: 8755

Ion Ratio Lower Upper

164 100

162 98.7 77.8 116.6

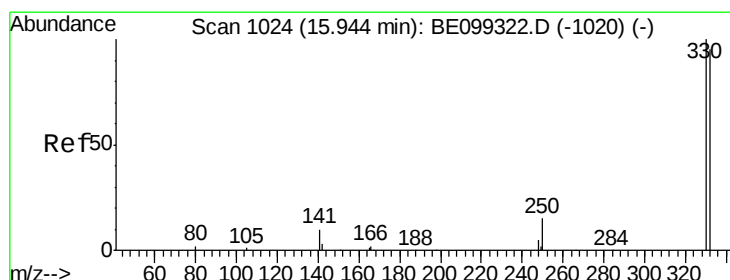
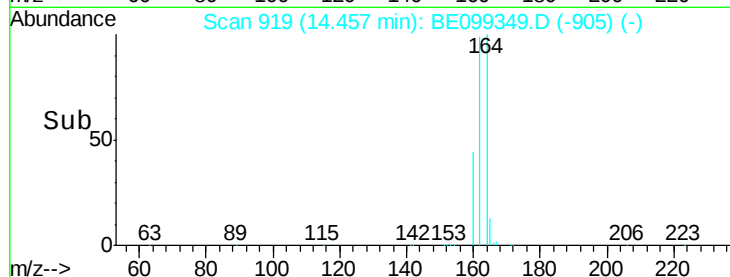
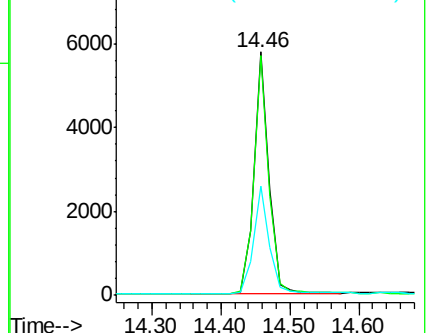
160 45.0 37.1 55.7



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: 0.316 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099349.D

Acq: 19 Apr 2019 15:12

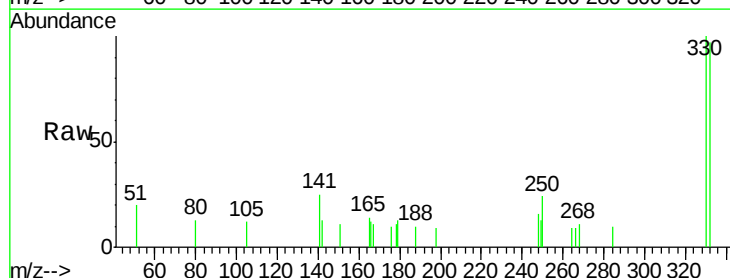
Tgt Ion:330 Resp: 919

Ion Ratio Lower Upper

330 100

332 93.5 82.5 123.7

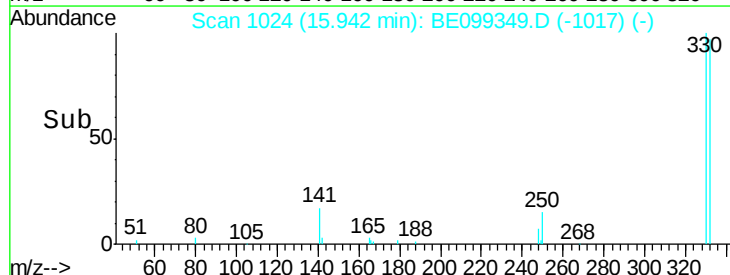
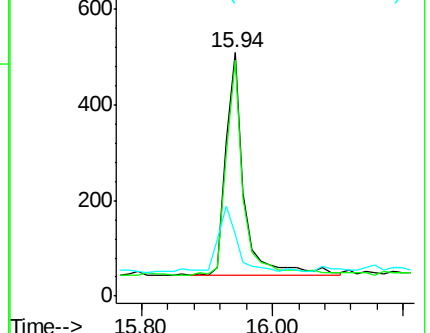
141 28.4 24.9 37.3

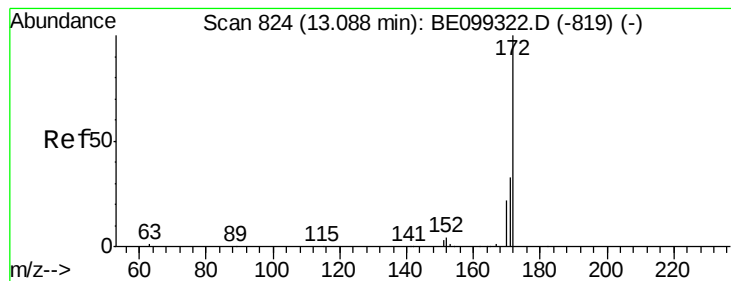


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

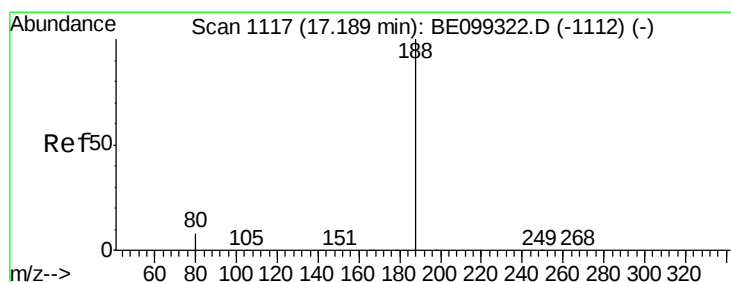
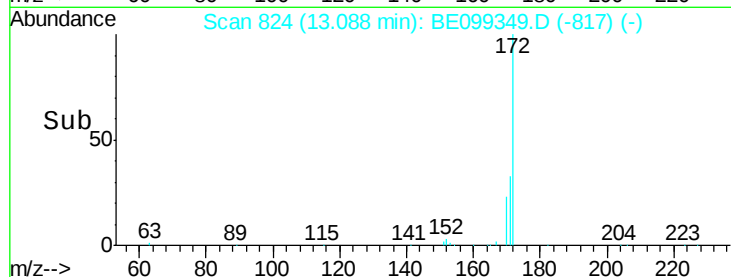
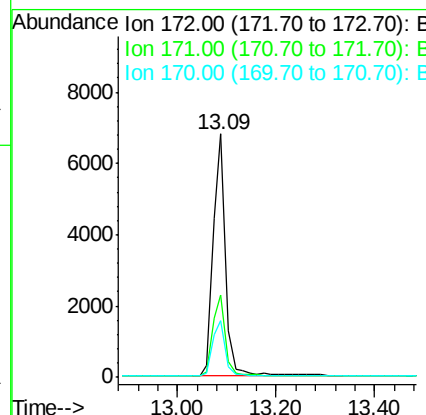
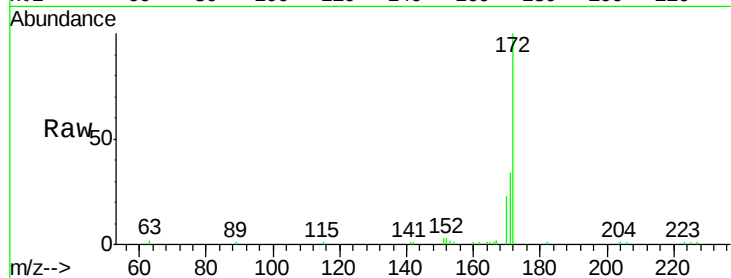




#15
 2-Fluorobiphenyl
 Concen: 0.338 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE099349.D
 Acq: 19 Apr 2019 15:12

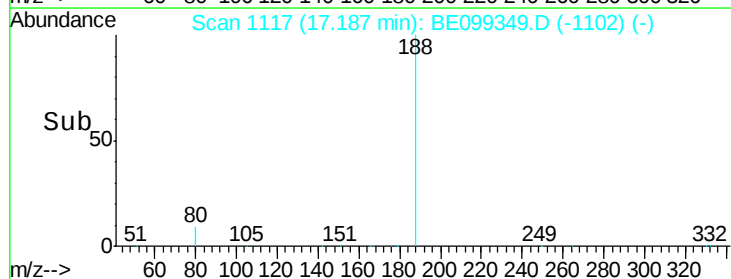
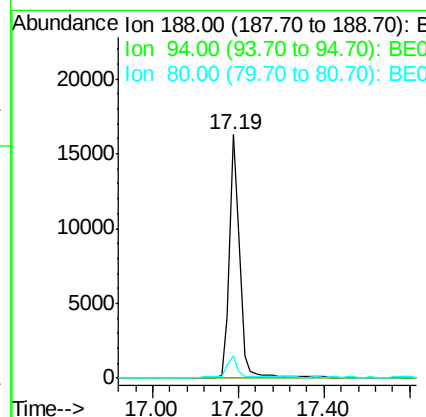
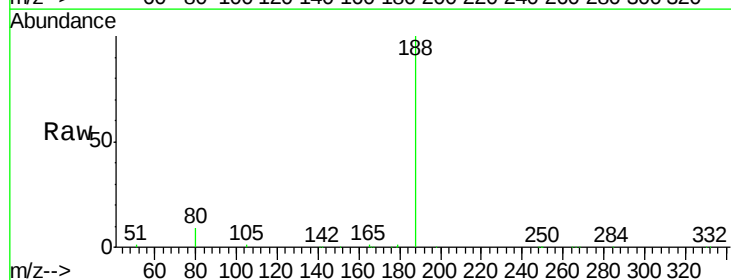
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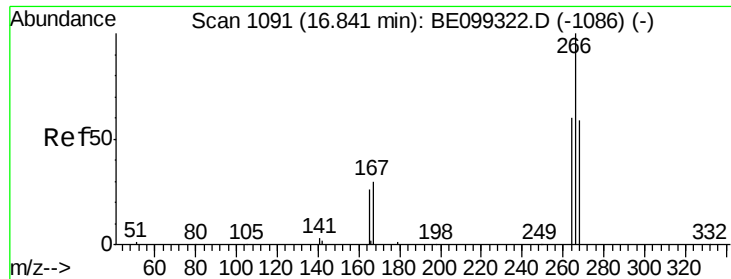
Tgt Ion:172 Resp: 11637
 Ion Ratio Lower Upper
 172 100
 171 33.6 26.2 39.2
 170 23.2 18.1 27.1



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BE099349.D
 Acq: 19 Apr 2019 15:12

Tgt Ion:188 Resp: 26691
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.9 6.2 9.4





#22

Pentachlorophenol

Concen: 0.223 ng

RT: 16.81 min Scan# 1089

Delta R.T. -0.03 min

Lab File: BE099349.D

Acq: 19 Apr 2019 15:12

Instrument :

BNA_E

ClientSampleId :

PB119051BL

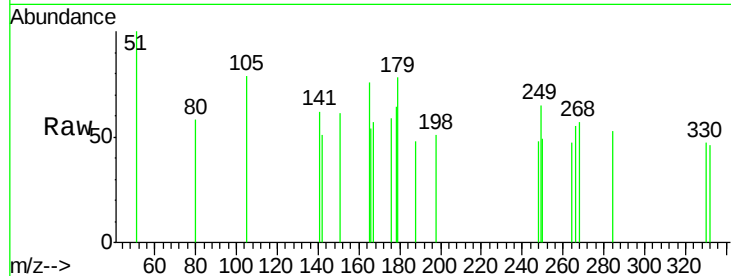
Tgt Ion: 266 Resp: 14

Ion Ratio Lower Upper

266 100

264 85.7 54.5 81.7#

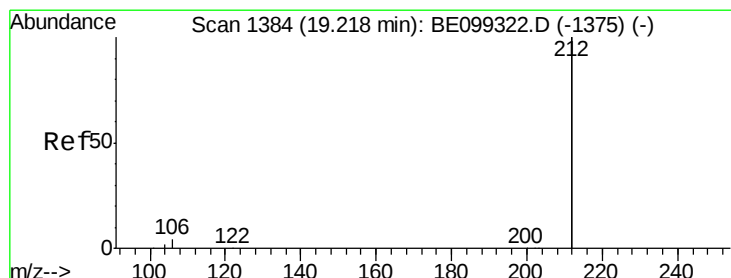
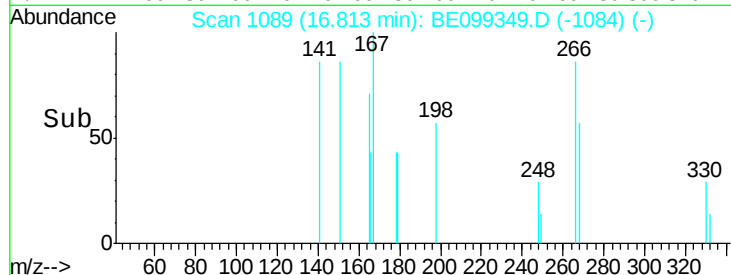
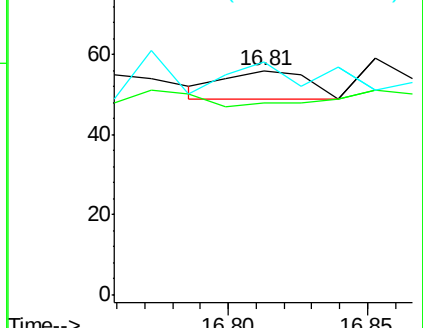
268 103.6 54.3 81.5#



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: 0.339 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099349.D

Acq: 19 Apr 2019 15:12

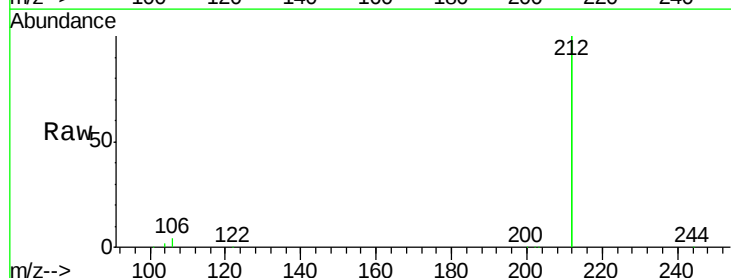
Tgt Ion: 212 Resp: 108551

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.6

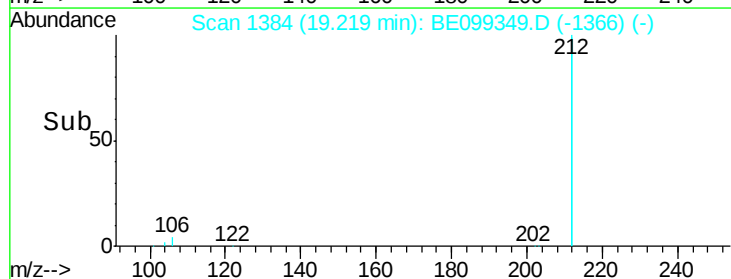
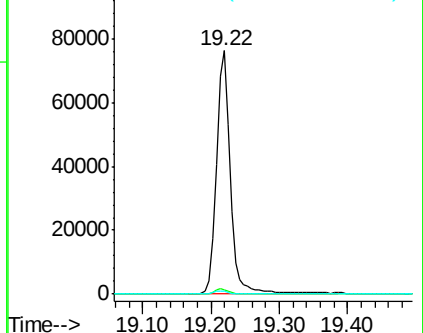
104 1.2 1.0 1.4

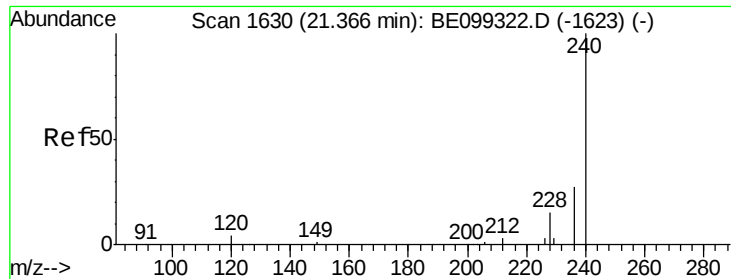


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

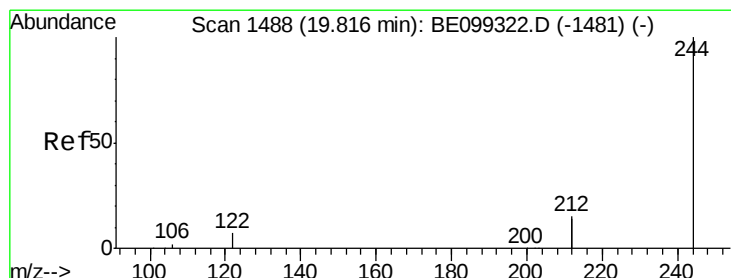
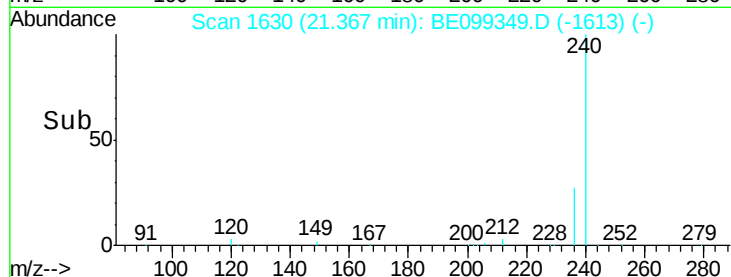
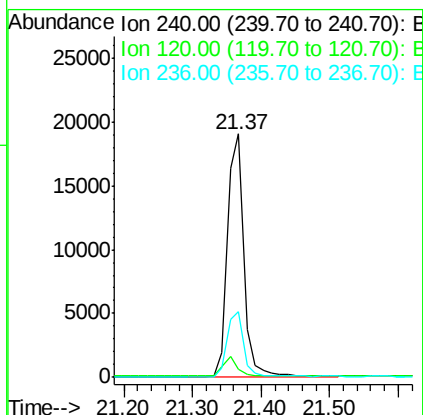
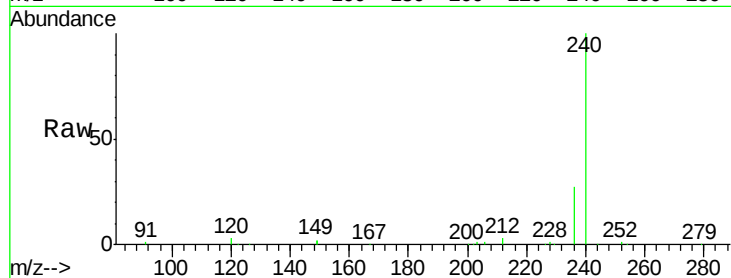




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE099349.D
 Acq: 19 Apr 2019 15:12

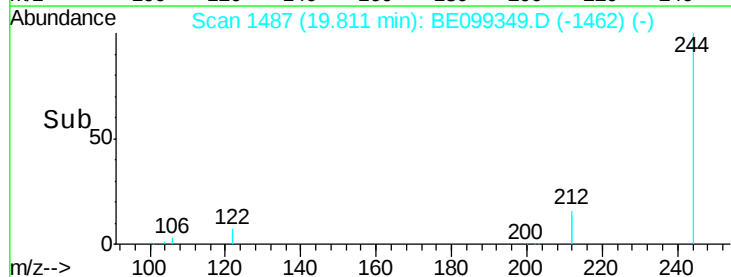
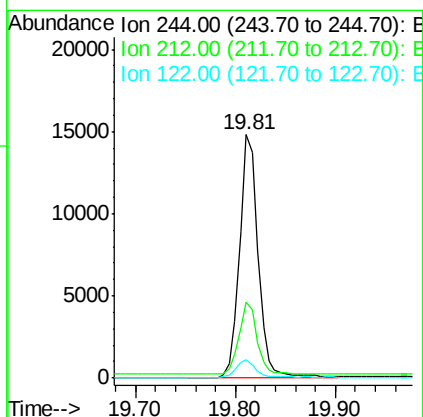
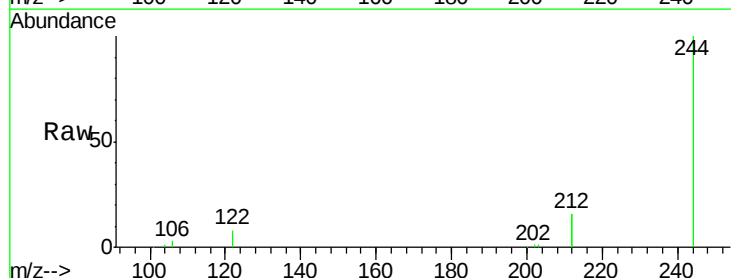
Instrument :
 BNA_E
 ClientSampleId :
 PB119051BL

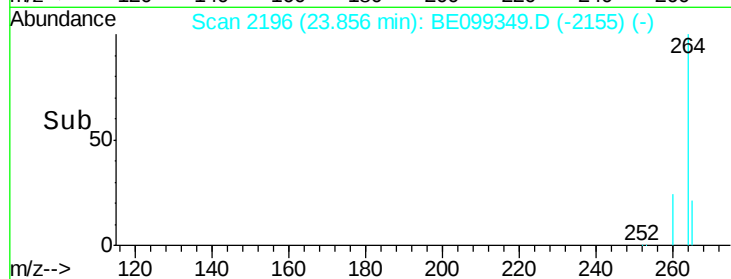
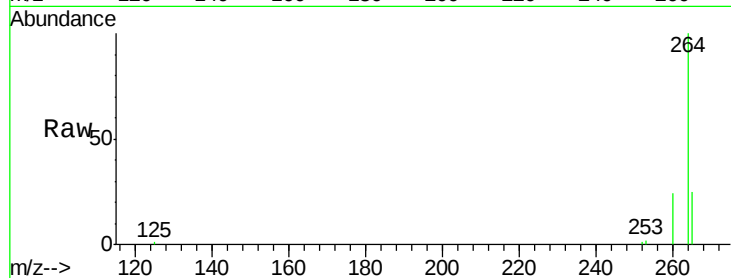
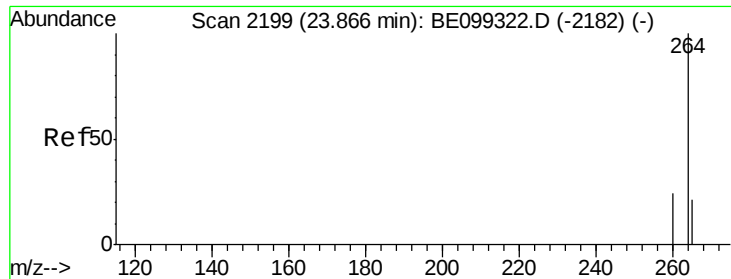
Tgt Ion:240 Resp: 31638
 Ion Ratio Lower Upper
 240 100
 120 3.1 2.2 3.2
 236 27.0 20.2 30.4



#29
 Terphenyl-d14
 Concen: 0.306 ng
 RT: 19.81 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BE099349.D
 Acq: 19 Apr 2019 15:12

Tgt Ion:244 Resp: 19041
 Ion Ratio Lower Upper
 244 100
 212 31.2 22.6 33.8
 122 7.7 4.6 7.0#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BE099349.D

Acq: 19 Apr 2019 15:12

Instrument :

BNA_E

ClientSampleId :

PB119051BL

Tgt Ion: 264 Resp: 34927

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 25.4 19.9 29.9

