

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040519\
 Data File : BE099305.D
 Acq On : 5 Apr 2019 12:50
 Operator : JU/SJ
 Sample : PB118607BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118607BL

Quant Time: Apr 05 15:01:33 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 05 14:55:44 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3362	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	11227	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6692	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18295	0.40	ng	0.00
27) Chrysene-d12	21.37	240	25841	0.40	ng	0.00
34) Perylene-d12	23.86	264	27927	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	2648	0.30	ng	0.01
5) Phenol-d6	6.98	99	3432	0.28	ng	0.00
8) Nitrobenzene-d5	8.97	82	2461	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	5931	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	682	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	8728	0.33	ng	0.00
25) Fluoranthene-d10	19.22	212	72422	0.30	ng	0.00
29) Terphenyl-d14	19.81	244	12956	0.27	ng	0.00

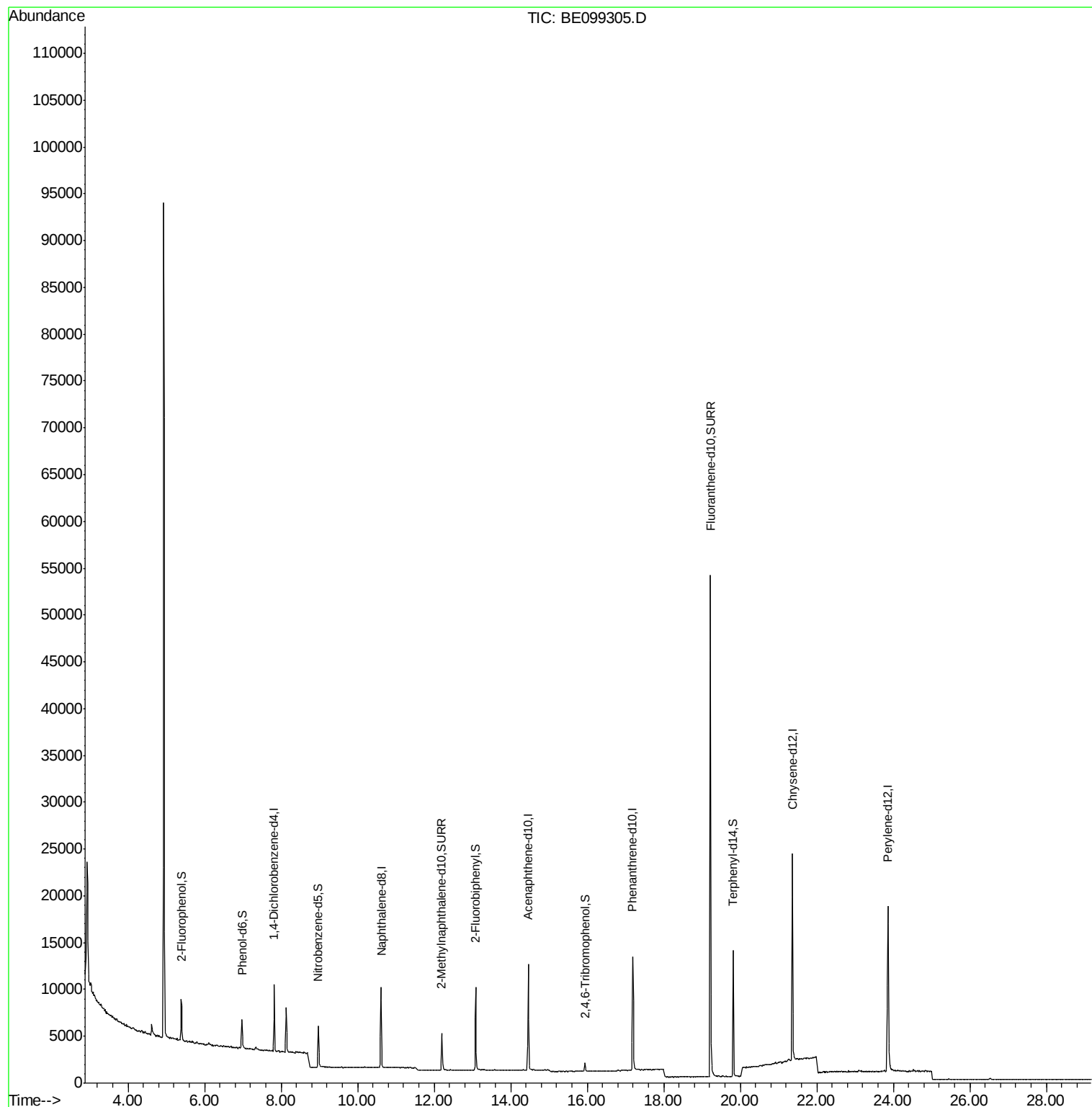
Target Compounds	Qvalue
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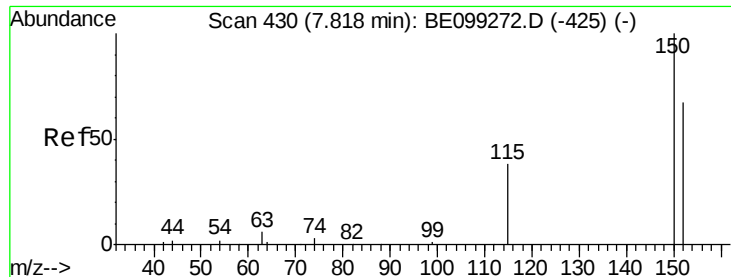
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BE099305.D

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Instrument :

BNA_E

ClientSampleId :

PB118607BL

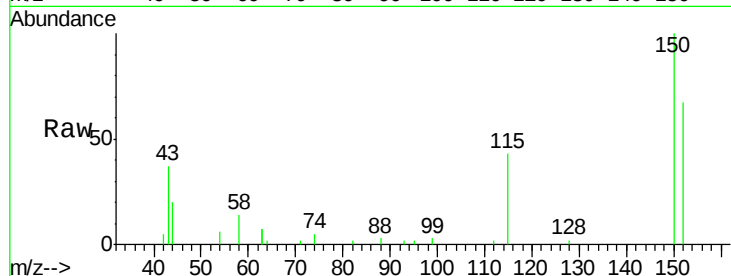
Tgt Ion:152 Resp: 3362

Ion Ratio Lower Upper

152 100

150 150.1 120.2 180.2

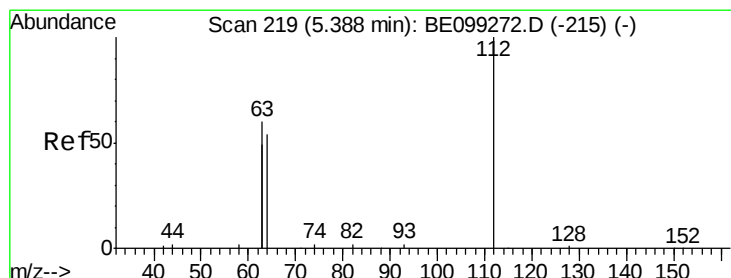
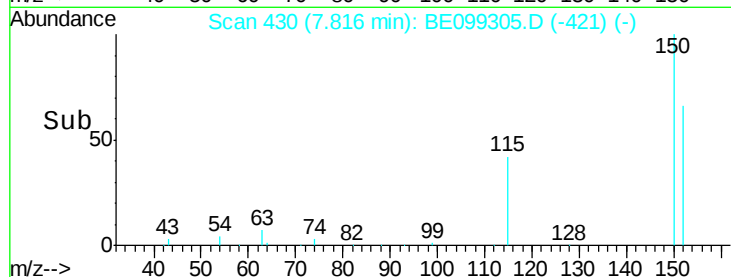
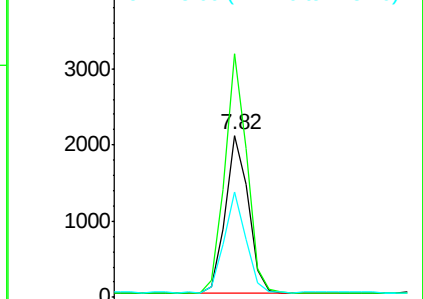
115 64.6 50.2 75.2



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: 0.296 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099305.D

Acq: 5 Apr 2019 12:50

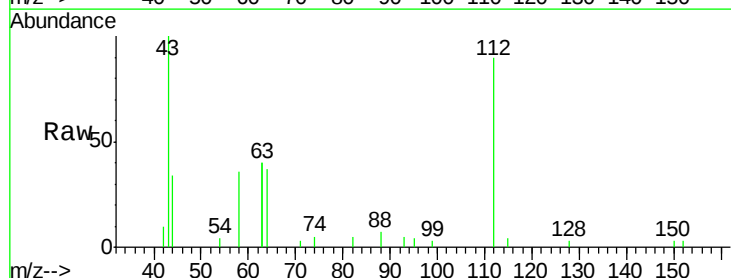
Tgt Ion:112 Resp: 2648

Ion Ratio Lower Upper

112 100

64 56.4 44.8 67.2

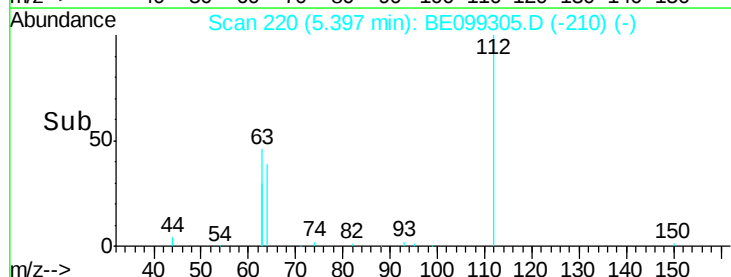
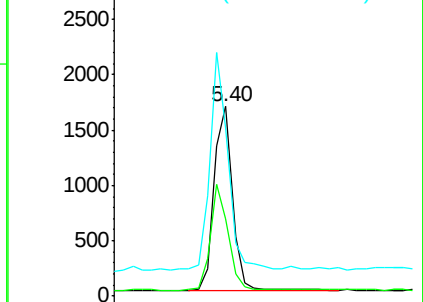
63 116.8 94.8 142.2

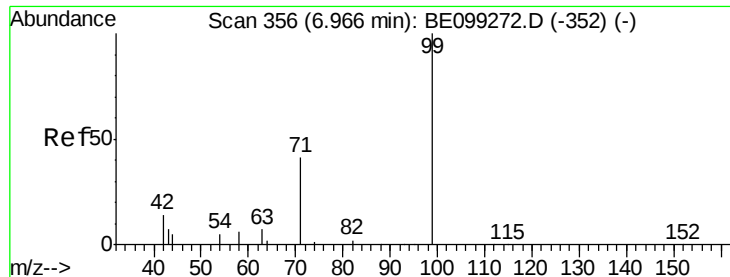


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.279 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099305.D

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Instrument :

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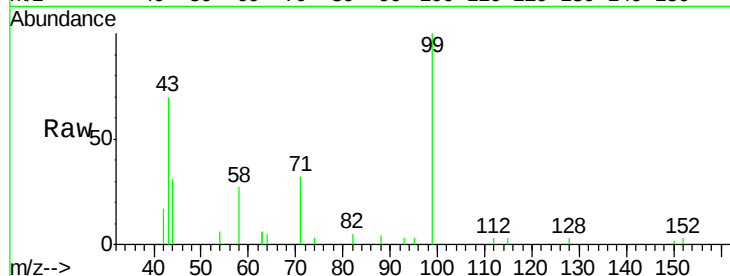
Tgt Ion: 99 Resp: 3432

Ion Ratio Lower Upper

99 100

42 18.6 12.4 18.6#

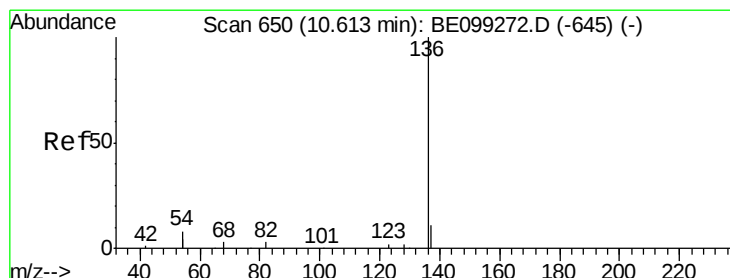
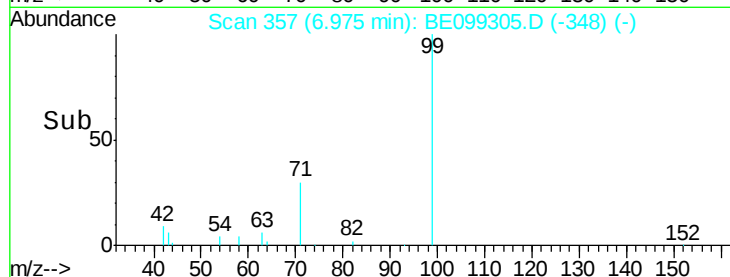
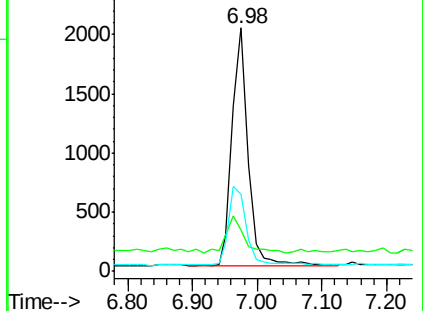
71 35.9 30.0 45.0



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: BE099305.D

Acq: 5 Apr 2019 12:50

Tgt Ion: 136 Resp: 11227

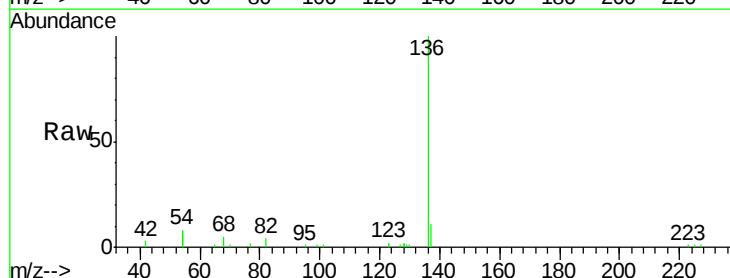
Ion Ratio Lower Upper

136 100

137 11.4 8.3 12.5

54 15.8 10.8 16.2

68 4.6 3.2 4.8

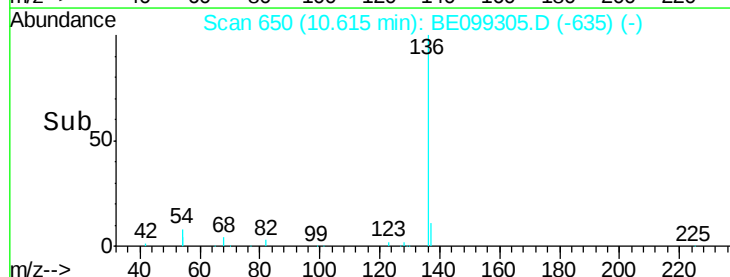
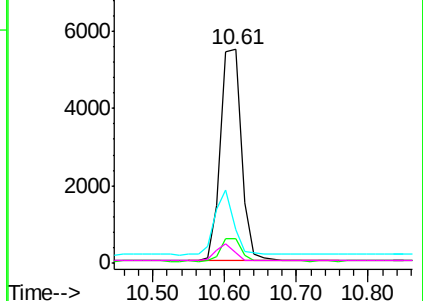


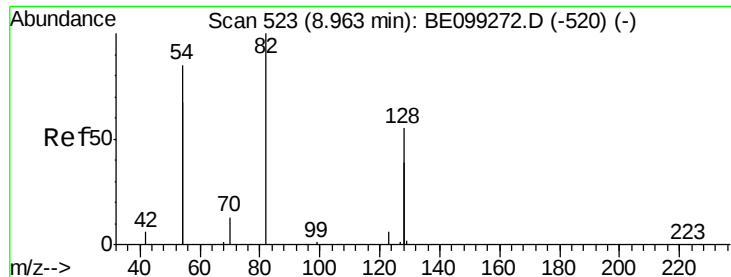
Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.319 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099305.D

Acq: 5 Apr 2019 12:50

Instrument :

BNA_E

ClientSampleId :

PB118607BL

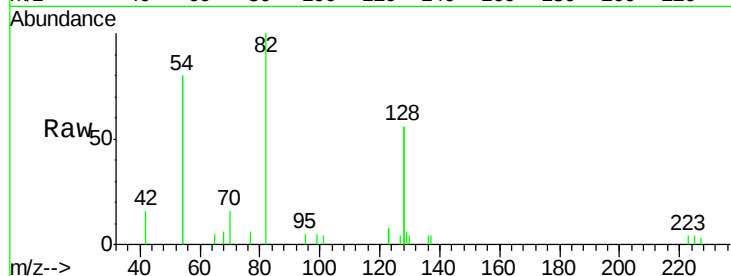
Tgt Ion: 82 Resp: 2461

Ion Ratio Lower Upper

82 100

128 112.7 90.1 135.1

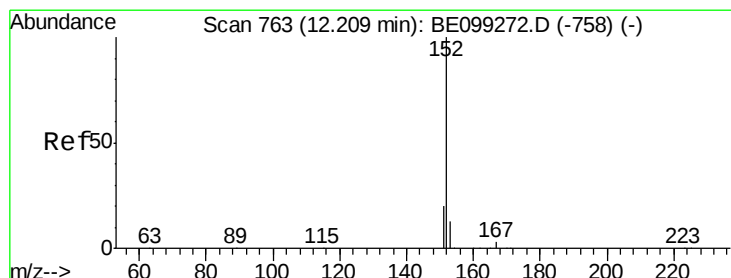
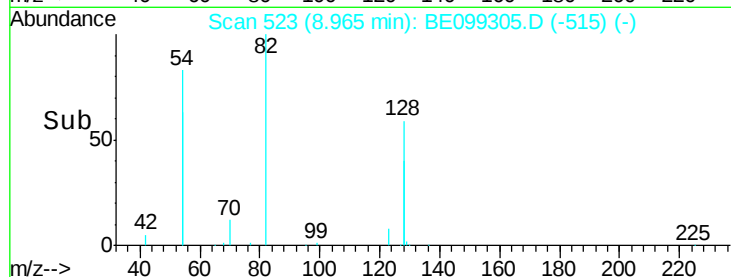
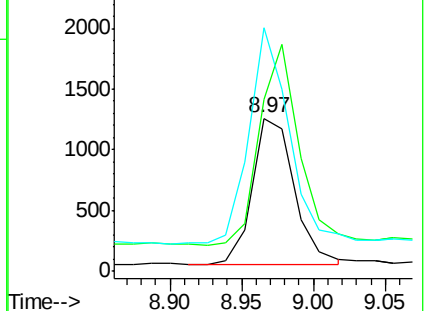
54 159.3 123.6 185.4



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: 0.303 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099305.D

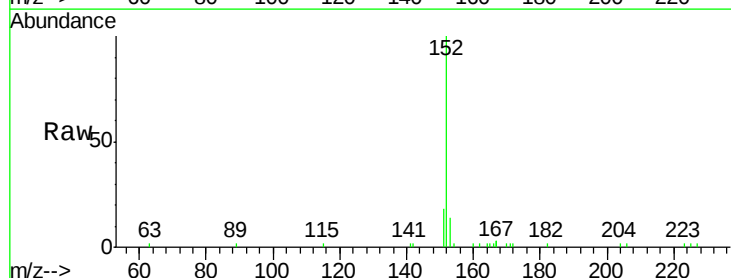
Acq: 5 Apr 2019 12:50

Tgt Ion: 152 Resp: 5931

Ion Ratio Lower Upper

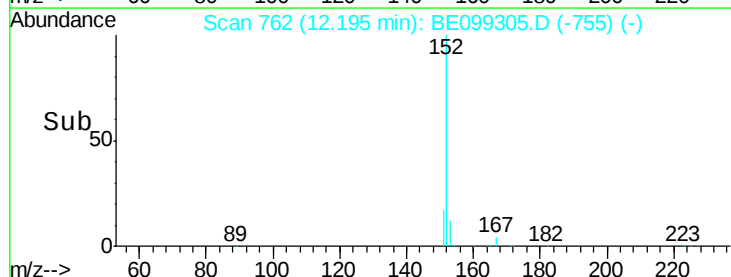
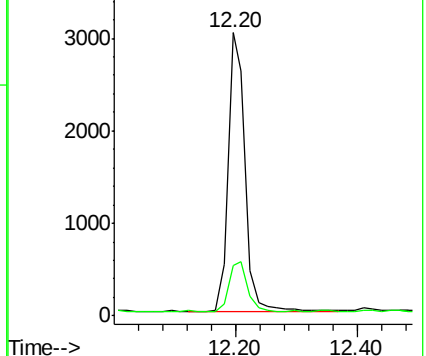
152 100

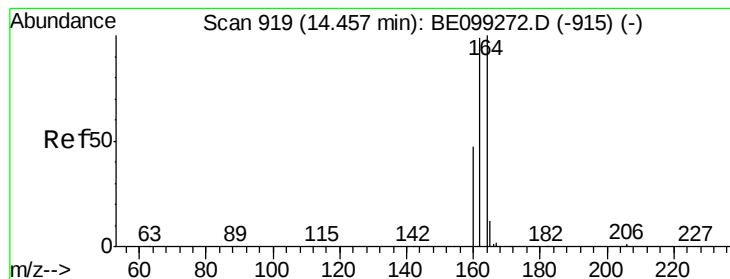
151 19.4 15.1 22.7



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: BE099305.D

Acq: 5 Apr 2019 12:50

Instrument :

BNA_E

ClientSampleId :

PB118607BL

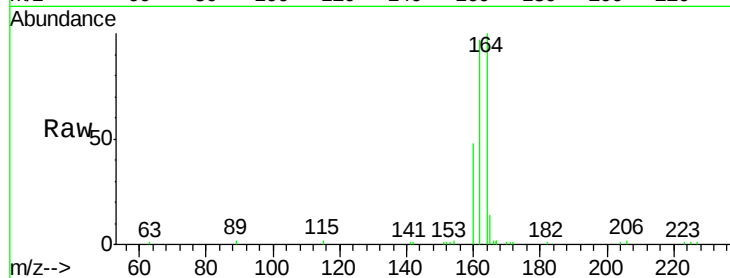
Tgt Ion:164 Resp: 6692

Ion Ratio Lower Upper

164 100

162 97.0 78.7 118.1

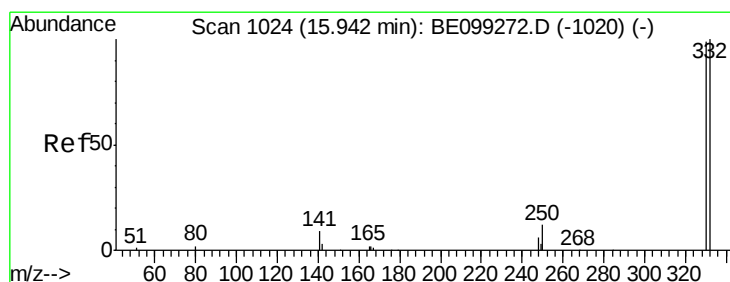
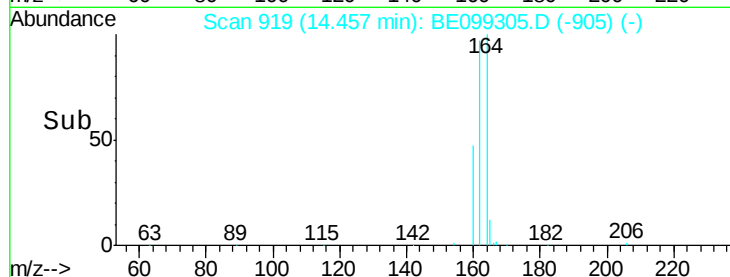
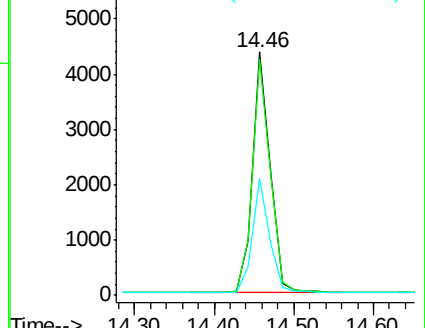
160 48.0 37.8 56.8



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: 0.221 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099305.D

Acq: 5 Apr 2019 12:50

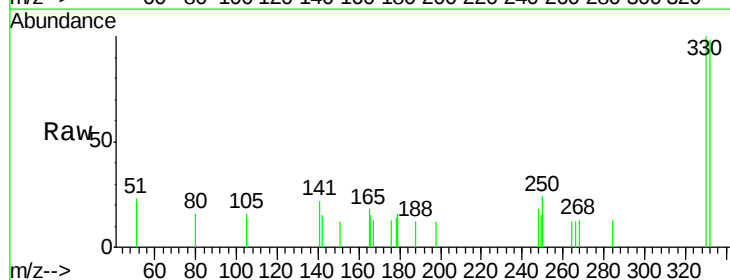
Tgt Ion:330 Resp: 682

Ion Ratio Lower Upper

330 100

332 99.3 82.0 123.0

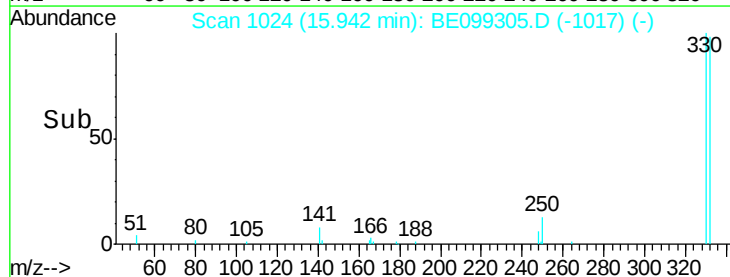
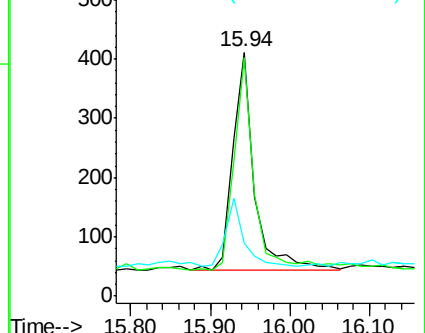
141 26.7 25.4 38.2

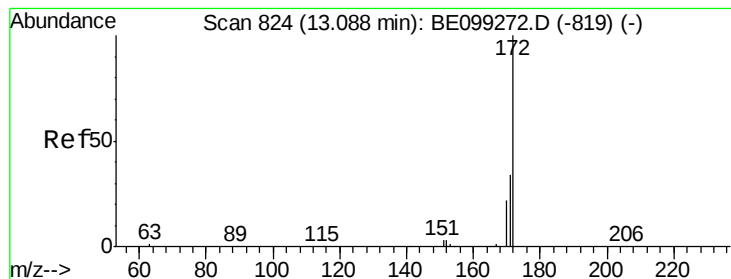


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

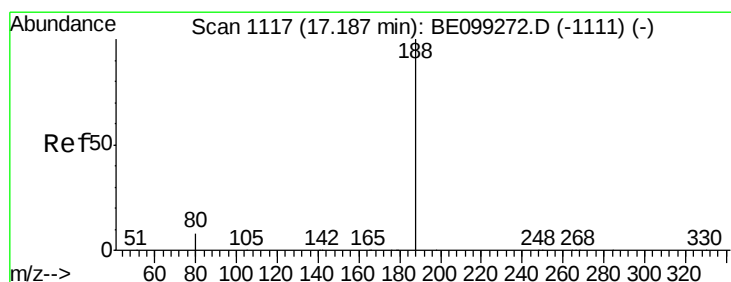
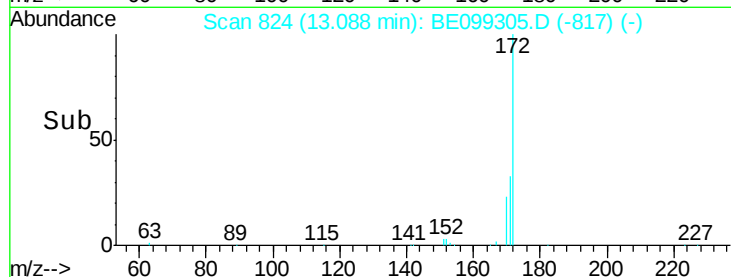
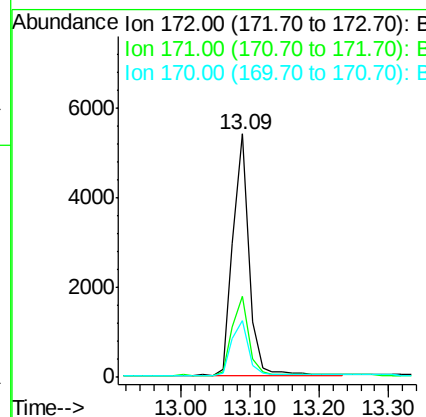
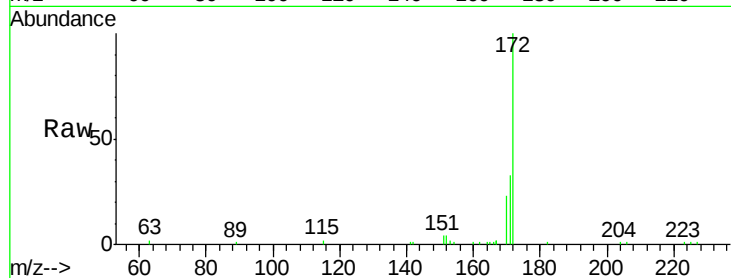




#15
 2-Fluorobiphenyl
 Concen: 0.332 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE099305.D
 Acq: 5 Apr 2019 12:50

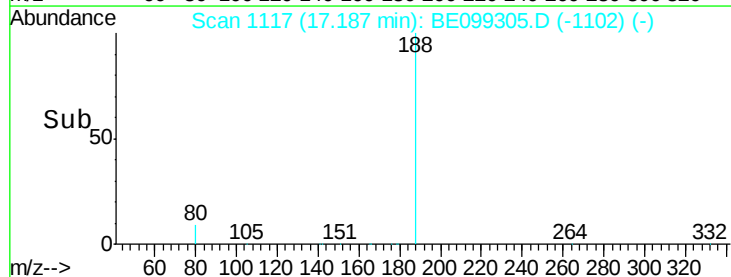
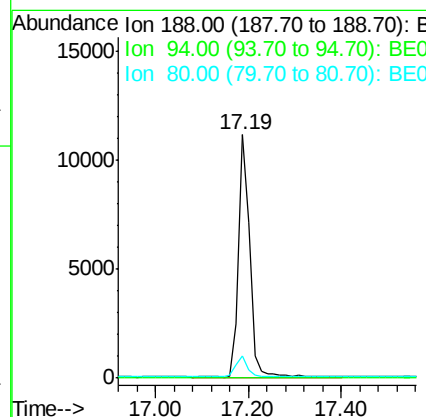
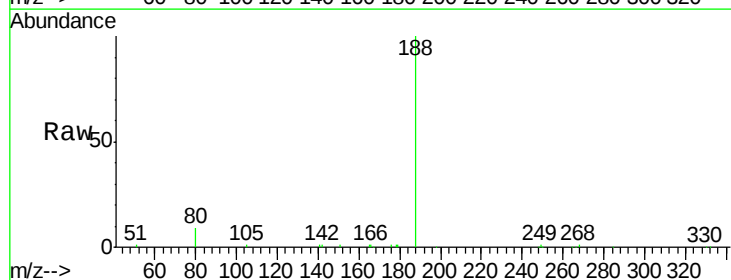
Instrument :
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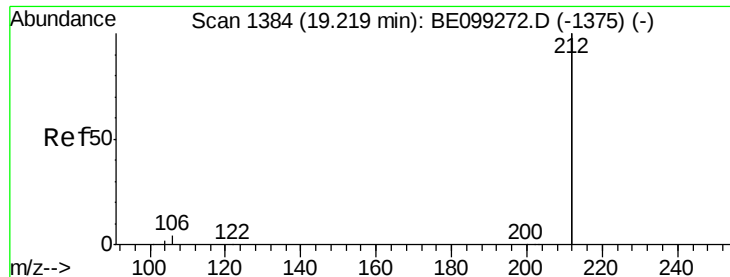
Tgt Ion:172 Resp: 8728
 Ion Ratio Lower Upper
 172 100
 171 33.4 27.0 40.4
 170 23.2 17.8 26.6



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BE099305.D
 Acq: 5 Apr 2019 12:50

Tgt Ion:188 Resp: 18295
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.3 7.5 11.3





#25

Fluoranthene-d10

Concen: 0.300 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099305.D

Acq: 5 Apr 2019 12:50

Instrument :

BNA_E

ClientSampleId :

PB118607BL

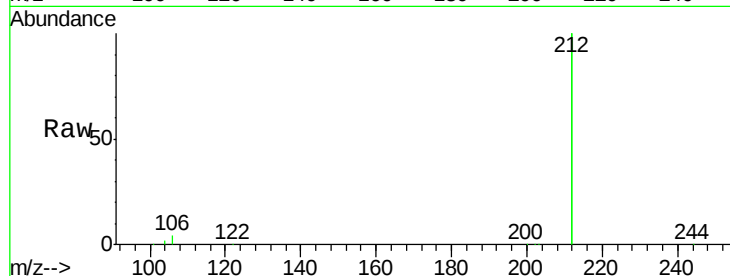
Tgt Ion:212 Resp: 72422

Ion Ratio Lower Upper

212 100

106 2.1 1.7 2.5

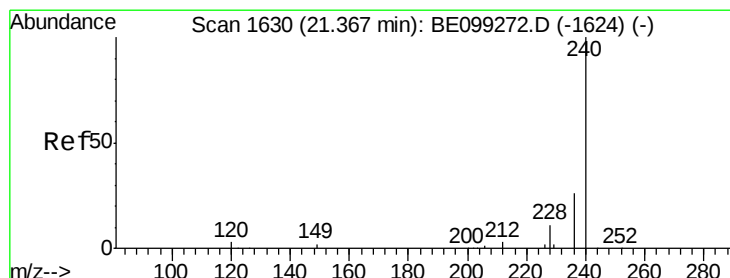
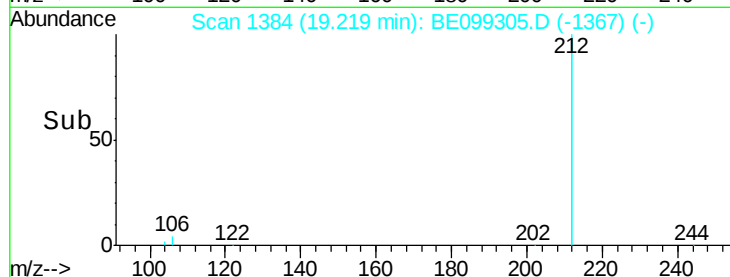
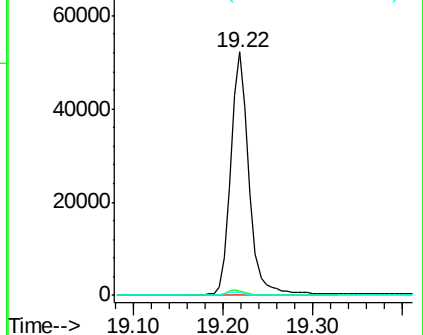
104 1.3 1.0 1.4



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: BE099305.D

Acq: 5 Apr 2019 12:50

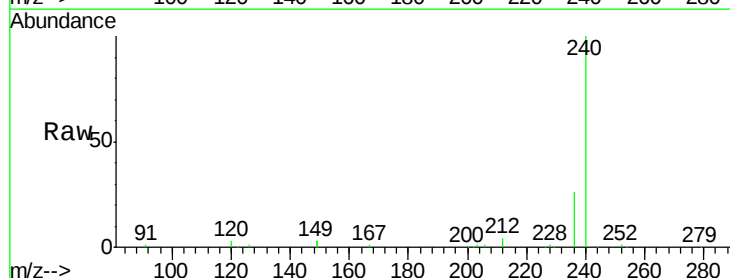
Tgt Ion:240 Resp: 25841

Ion Ratio Lower Upper

240 100

120 3.3 2.3 3.5

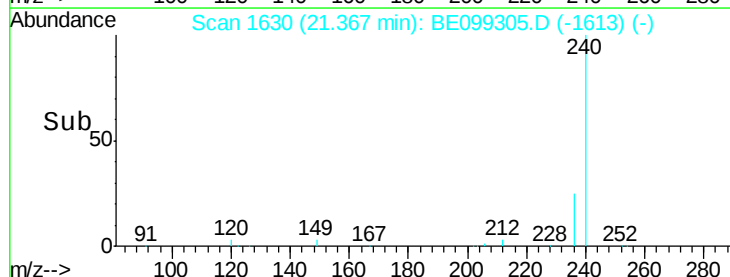
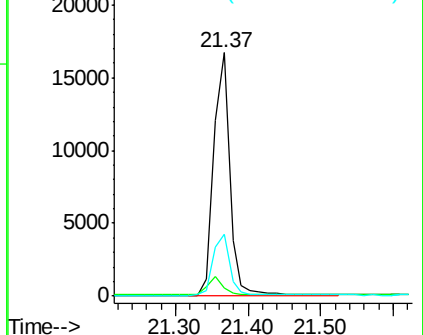
236 25.5 21.0 31.6

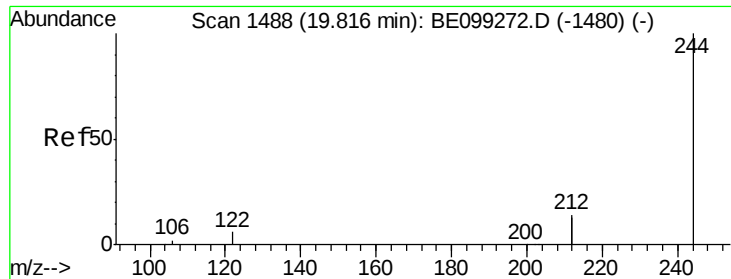


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.275 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099305.D

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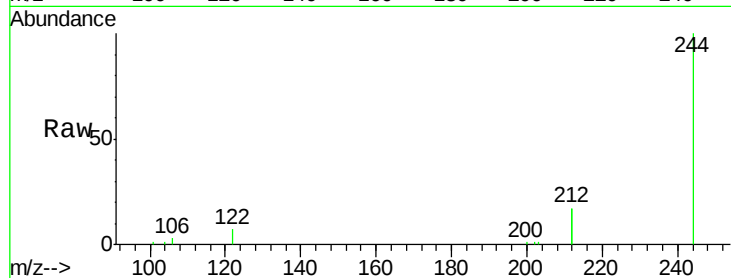
Tgt Ion:244 Resp: 12956

Ion Ratio Lower Upper

244 100

212 33.4 22.4 33.6

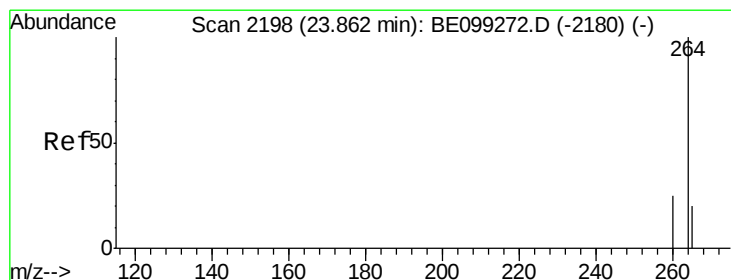
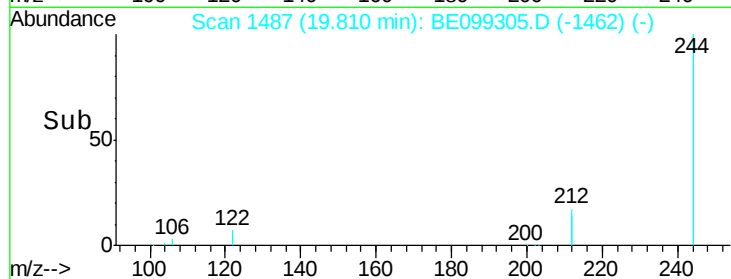
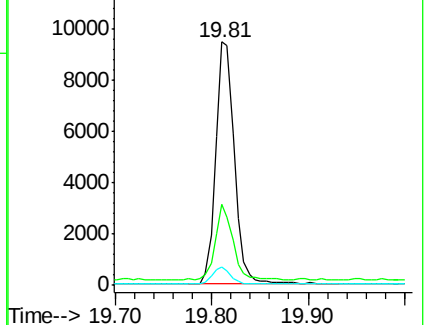
122 7.5 4.4 6.6#



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: 23.86 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BE099305.D

Acq: 5 Apr 2019 12:50

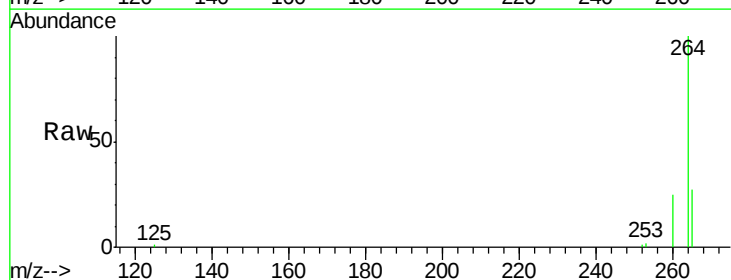
Tgt Ion:264 Resp: 27927

Ion Ratio Lower Upper

264 100

260 25.4 19.9 29.9

265 26.7 20.3 30.5



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

