

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099372.D
 Acq On : 26 Apr 2019 11:30
 Operator : JU/SJ
 Sample : PB119200BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119200BL

Quant Time: Apr 27 05:23:26 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	3218	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	11842	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	7946	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	23919	0.40	ng	0.00
27) Chrysene-d12	21.37	240	28531	0.40	ng	0.00
34) Perylene-d12	23.86	264	31964	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	4061	0.52	ng	0.01
5) Phenol-d6	6.97	99	5410	0.48	ng	0.00
8) Nitrobenzene-d5	8.97	82	4409	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	8878	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1610	0.61	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	13270	0.42	ng	0.00
25) Fluoranthene-d10	19.22	212	134915	0.47	ng	0.00
29) Terphenyl-d14	19.82	244	23741	0.42	ng	0.00

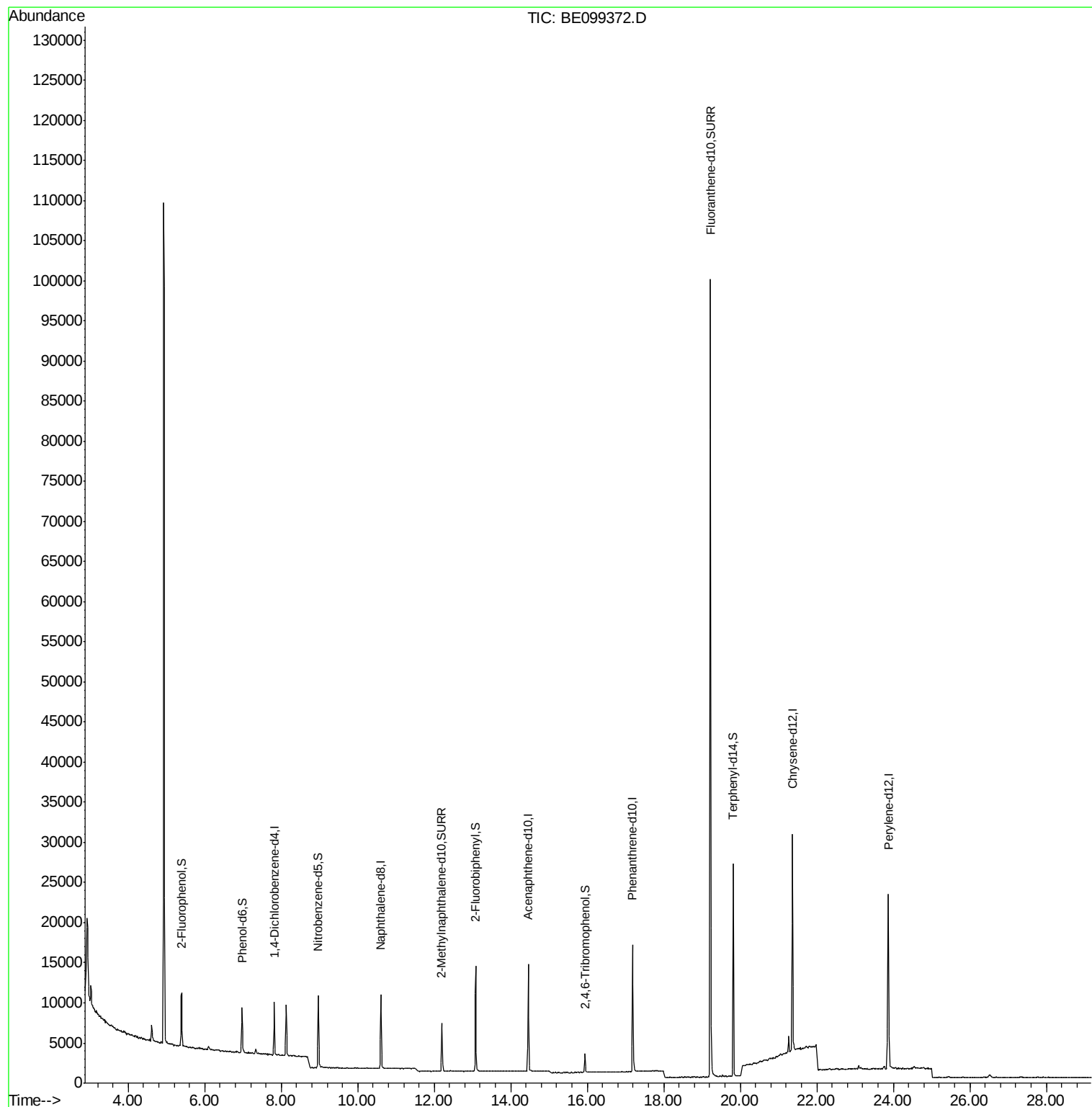
Target Compounds	Qvalue
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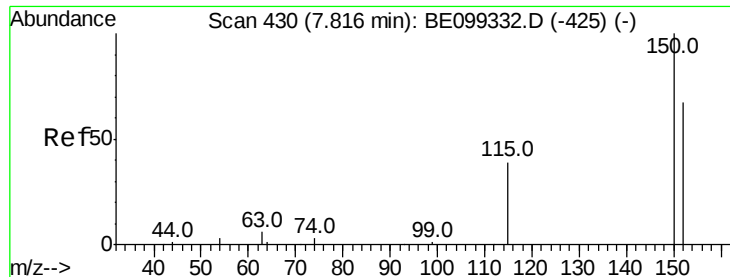
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099372.D

Acq: 26 Apr 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PB119200BL

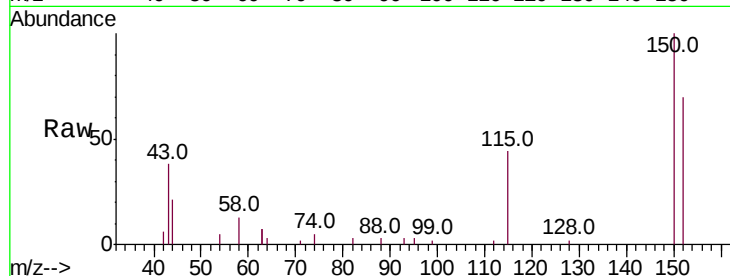
Tot Ion:152 Resp: 3218

Ion Ratio Lower Upper

152 100

150 143.3 119.5 179.3

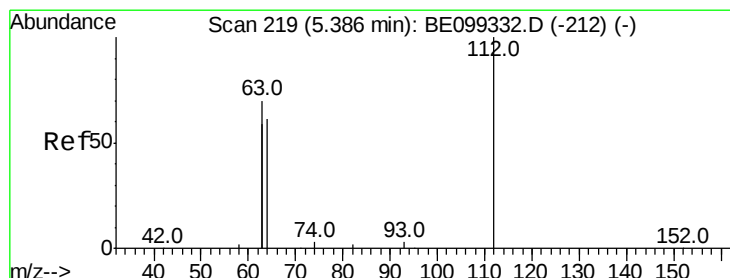
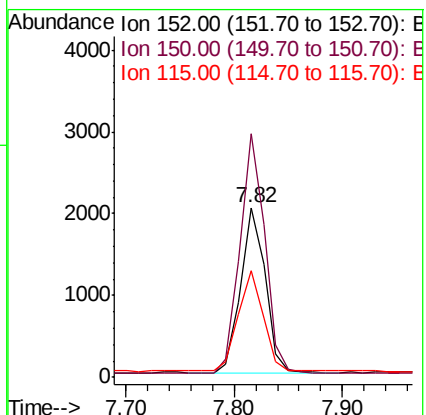
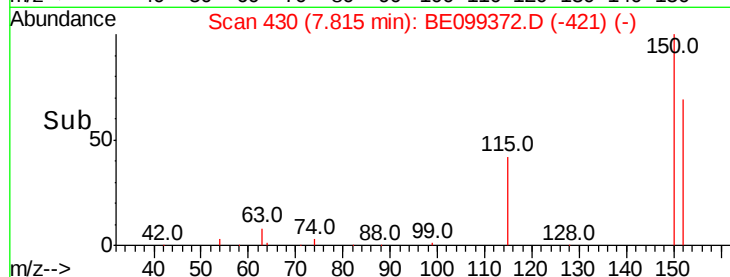
115 63.1 47.5 71.3



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



#4

2-Fluorophenol

Concen: 0.516 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099372.D

Acq: 26 Apr 2019 11:30

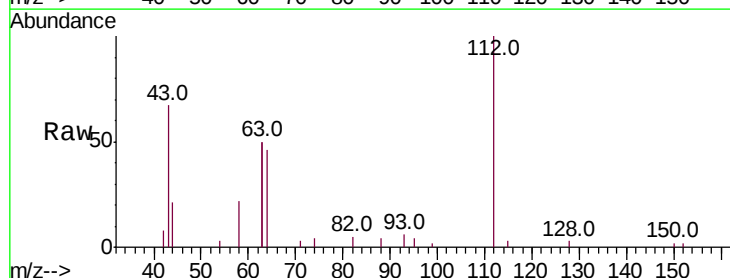
Tgt Ion:112 Resp: 4061

Ion Ratio Lower Upper

112 100

64 58.9 44.9 67.3

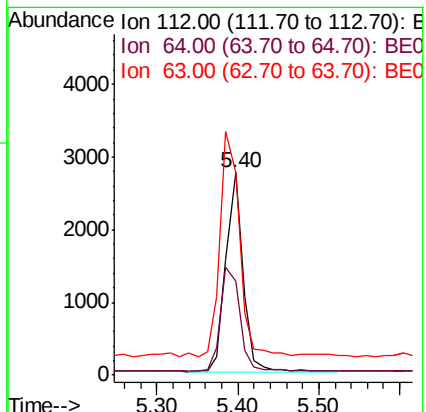
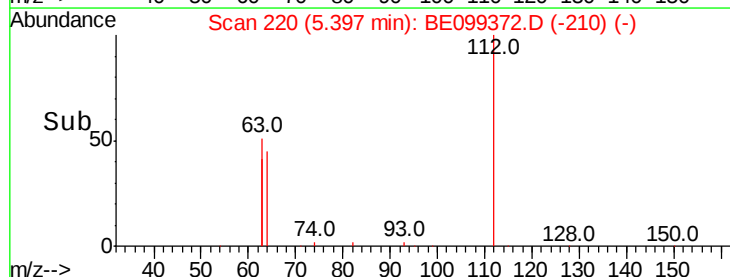
63 127.9 97.4 146.0

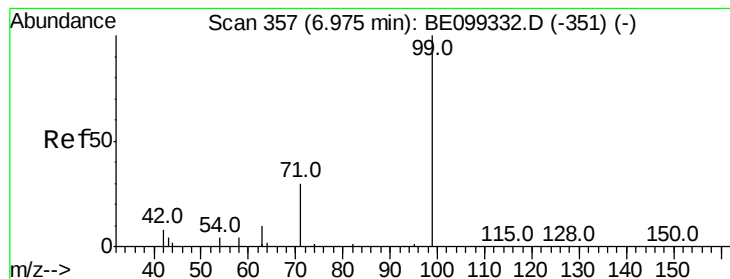


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.482 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099372.D

Acq: 26 Apr 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PB119200BL

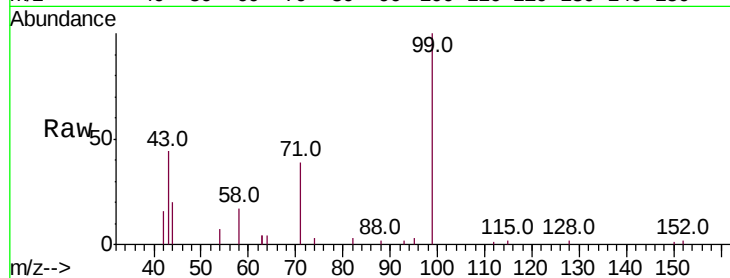
Tot Ion: 99 Resp: 5410

Ion Ratio Lower Upper

99 100

42 20.1 11.7 17.5#

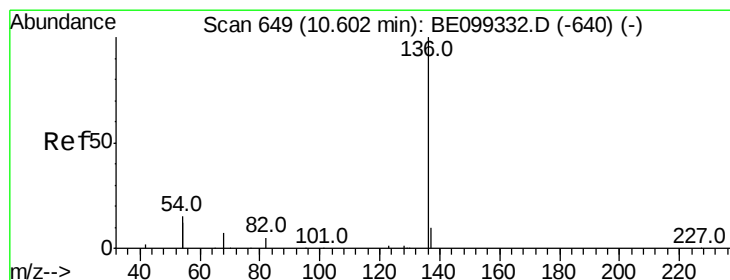
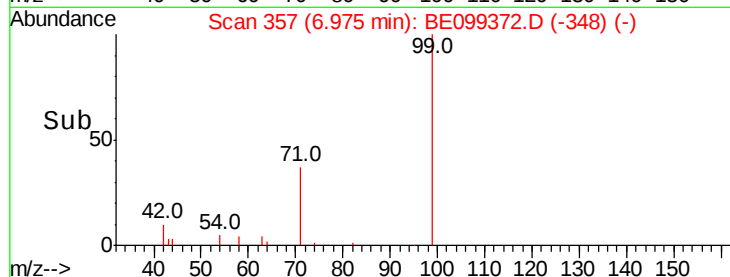
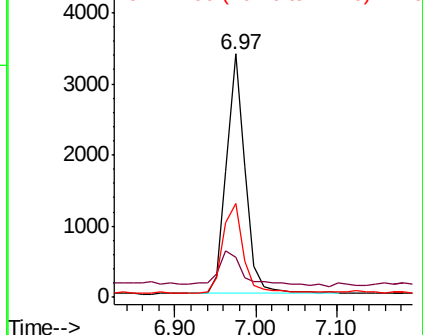
71 42.3 29.6 44.4



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: BE099372.D

Acq: 26 Apr 2019 11:30

Tgt Ion: 136 Resp: 11842

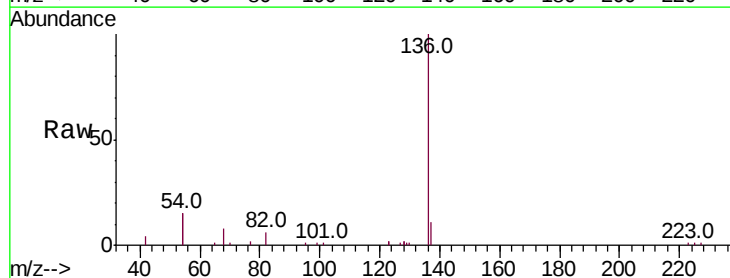
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 30.3 23.8 35.8

68 8.2 6.4 9.6

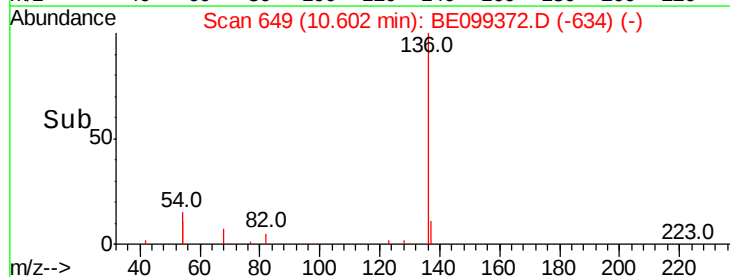
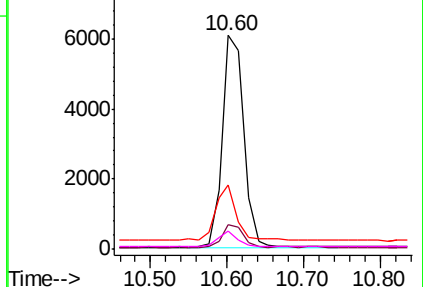


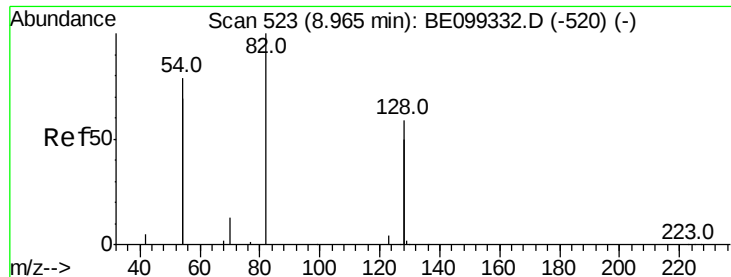
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.480 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099372.D

Acq: 26 Apr 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PB119200BL

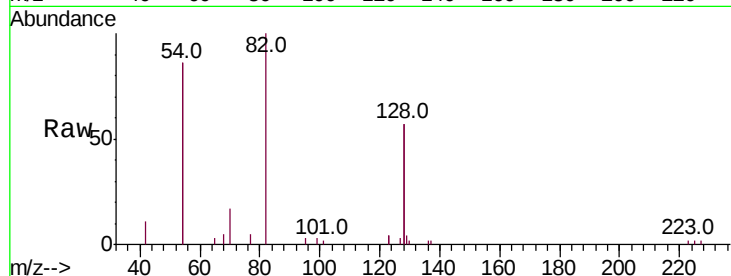
Tot Ion: 82 Resp: 4409

Ion Ratio Lower Upper

82 100

128 114.8 91.7 137.5

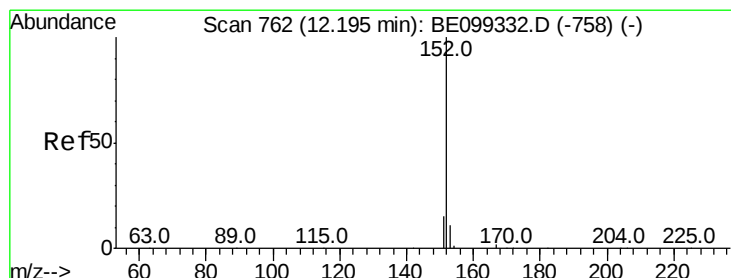
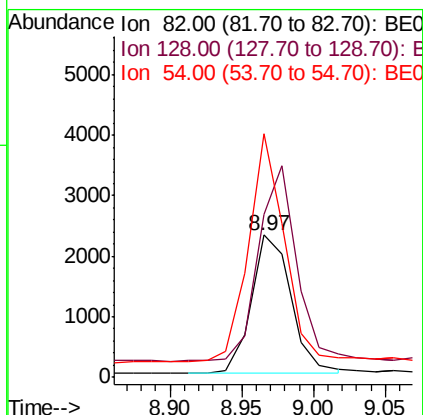
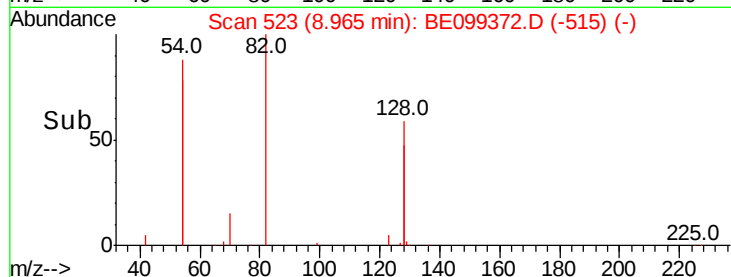
54 171.0 122.8 184.2



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: 0.425 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099372.D

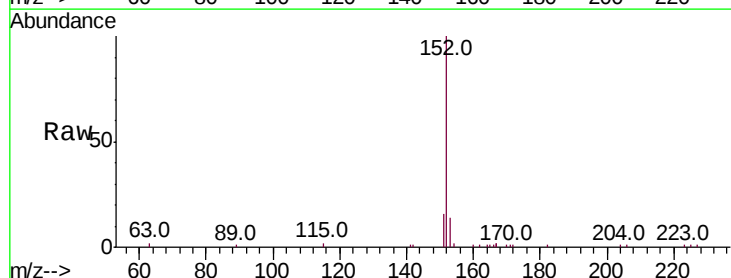
Acq: 26 Apr 2019 11:30

Tgt Ion: 152 Resp: 8878

Ion Ratio Lower Upper

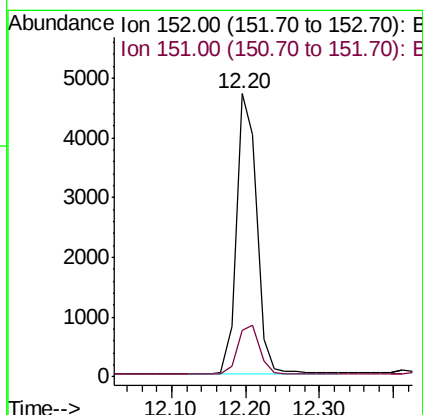
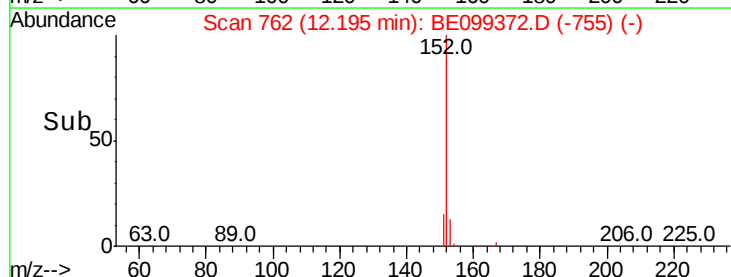
152 100

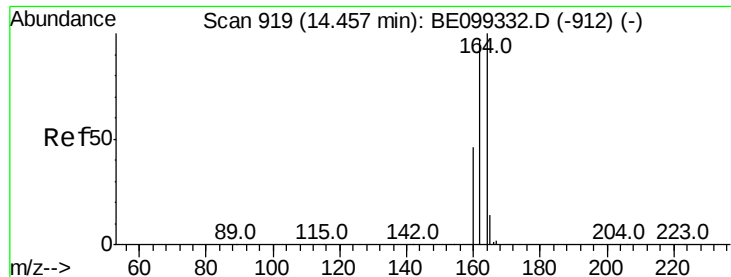
151 19.0 14.9 22.3



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: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099372.D

Acq: 26 Apr 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PB119200BL

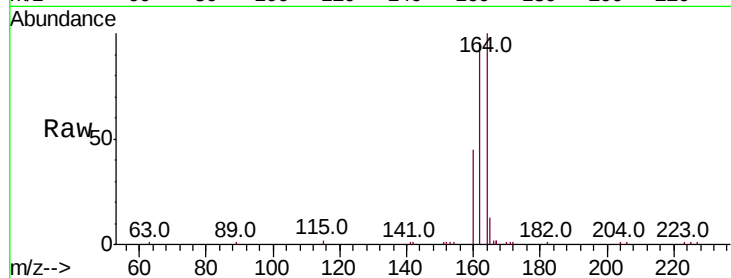
Tot Ion:164 Resp: 7946

Ion Ratio Lower Upper

164 100

162 96.5 77.8 116.6

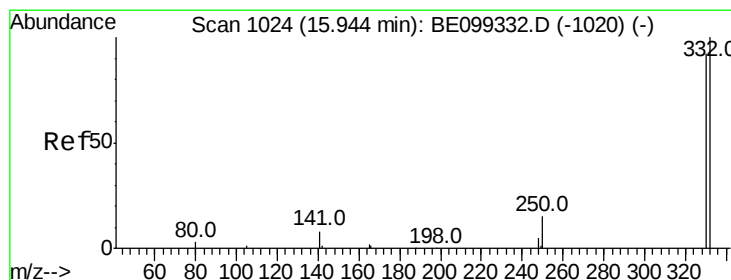
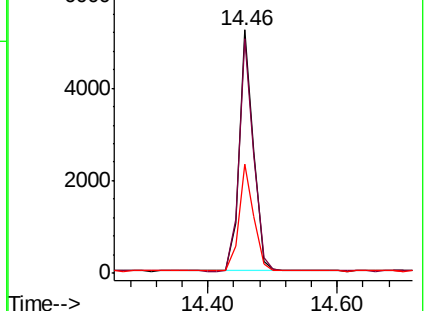
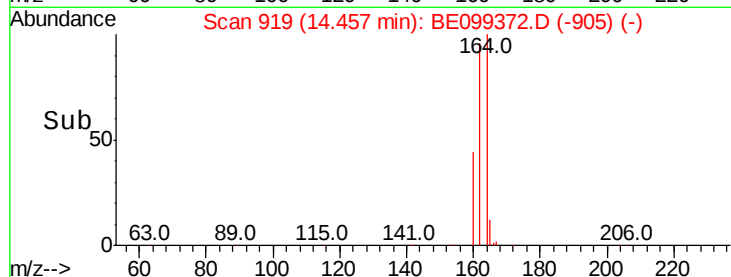
160 44.8 37.1 55.7



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: 0.610 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099372.D

Acq: 26 Apr 2019 11:30

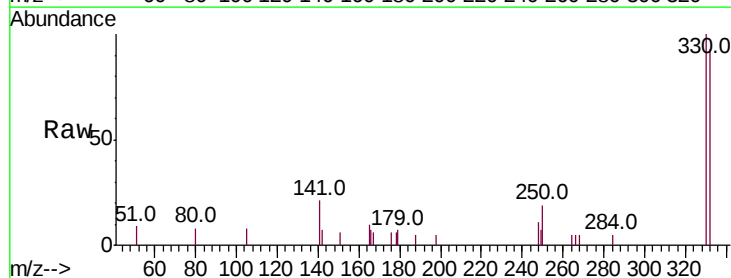
Tgt Ion:330 Resp: 1610

Ion Ratio Lower Upper

330 100

332 90.4 82.5 123.7

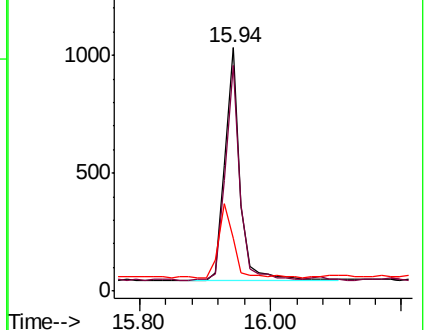
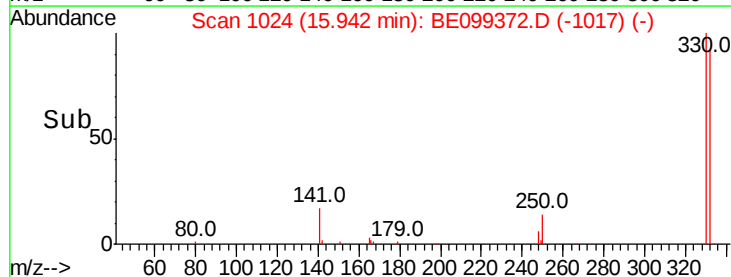
141 30.8 24.9 37.3

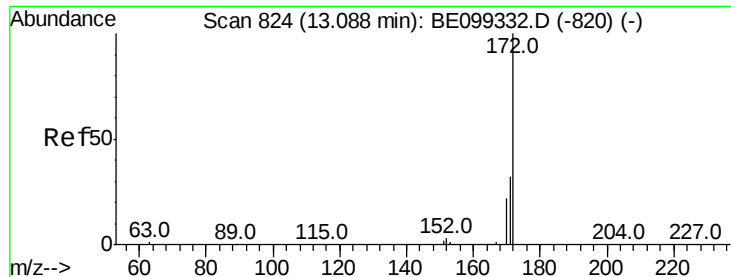


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

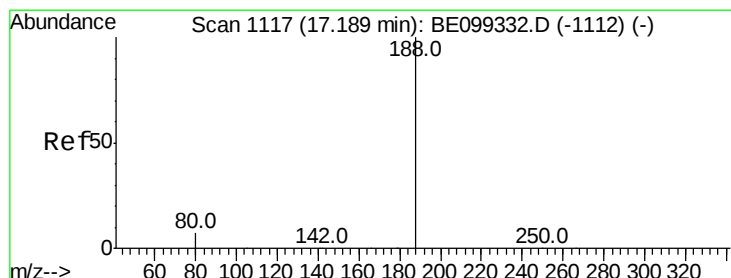
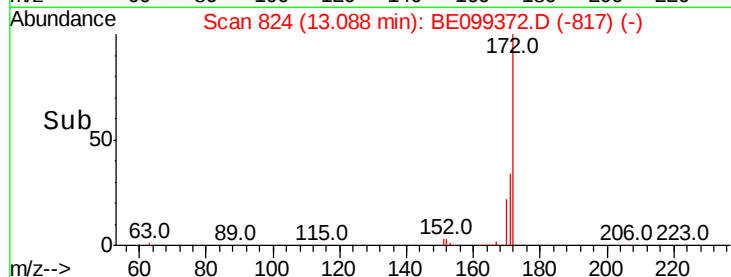
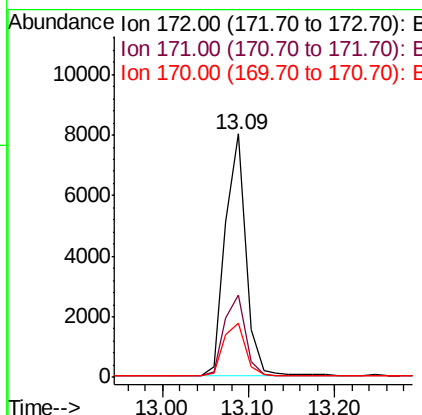
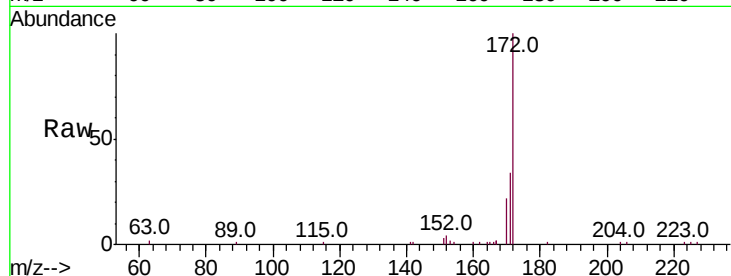




#15
 2-Fluorobiphenyl
 Concen: 0.425 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE099372.D
 Acq: 26 Apr 2019 11:30

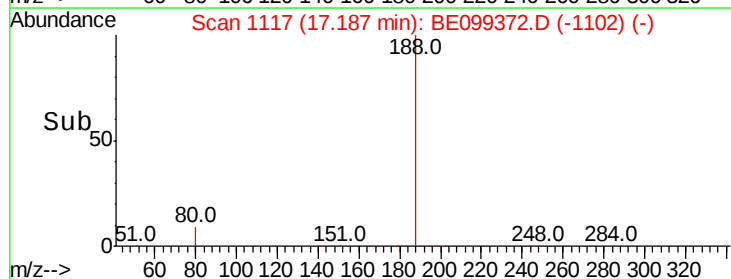
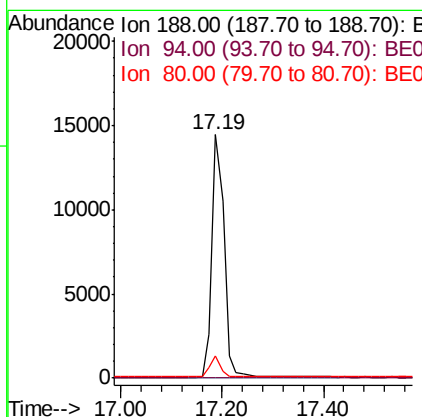
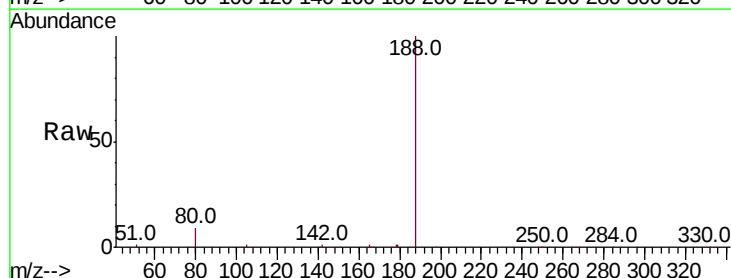
Instrument :
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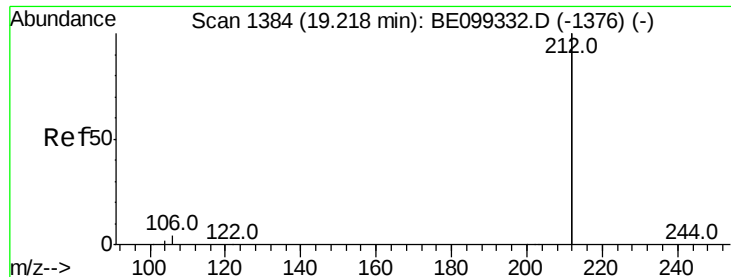
Tot Ion:172 Resp: 13270
 Ion Ratio Lower Upper
 172 100
 171 34.0 26.2 39.2
 170 22.4 18.1 27.1



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BE099372.D
 Acq: 26 Apr 2019 11:30

Tgt Ion:188 Resp: 23919
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.1 6.2 9.4





#25

Fluoranthene-d10

Concen: 0.469 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099372.D

Acq: 26 Apr 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PB119200BL

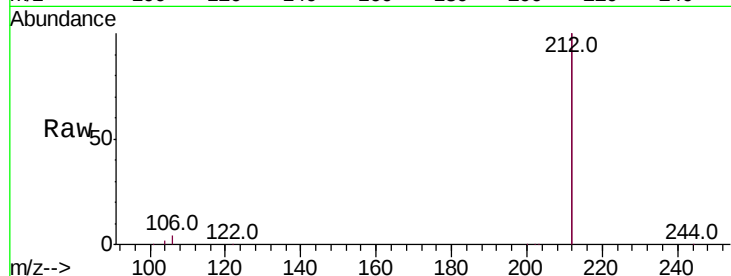
Tot Ion:212 Resp: 134915

Ion Ratio Lower Upper

212 100

106 2.0 1.8 2.6

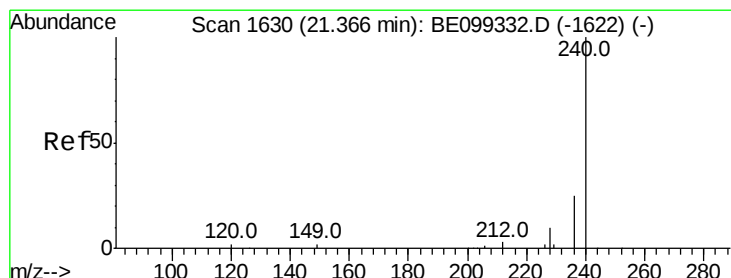
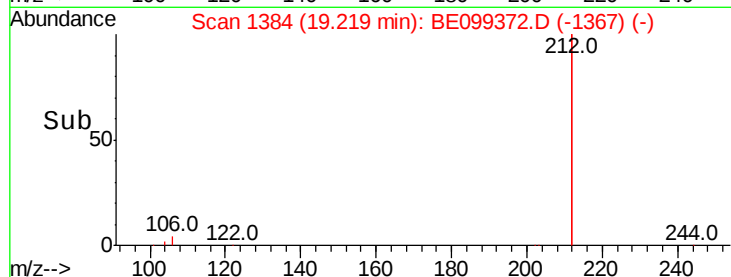
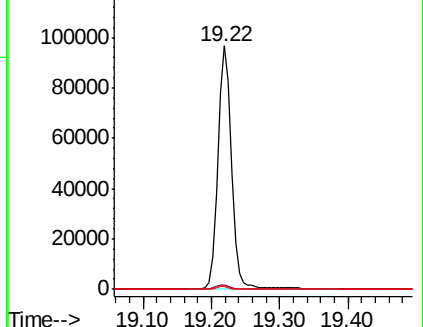
104 1.1 1.0 1.4



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: BE099372.D

Acq: 26 Apr 2019 11:30

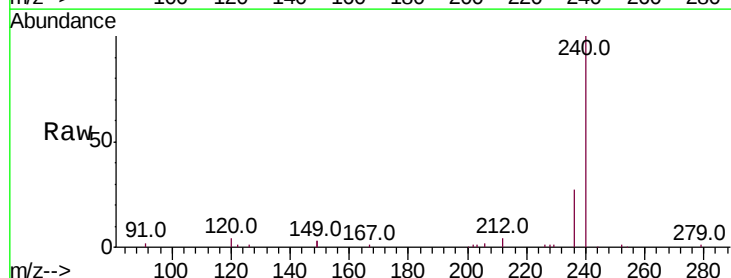
Tgt Ion:240 Resp: 28531

Ion Ratio Lower Upper

240 100

120 3.9 2.2 3.2#

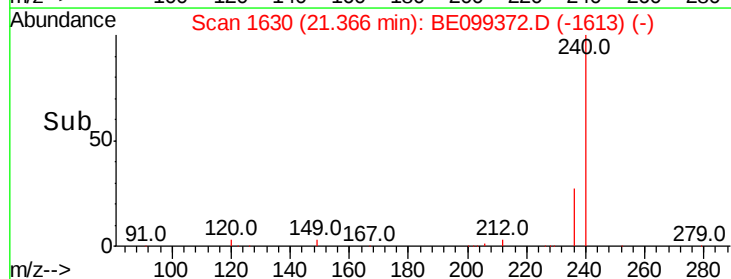
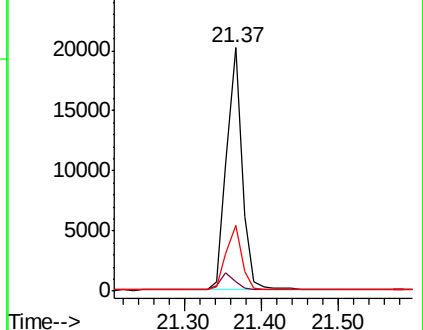
236 27.0 20.2 30.4

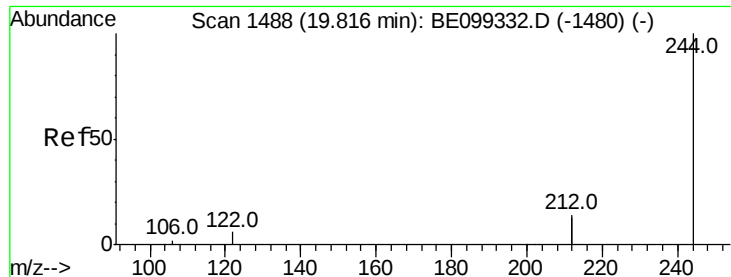


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.423 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099372.D

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Instrument :

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PB119200BL

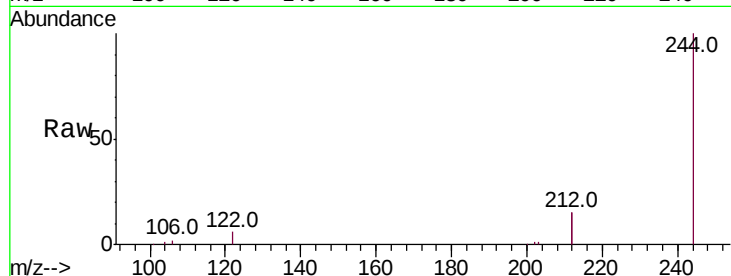
Tot Ion:244 Resp: 23741

Ion Ratio Lower Upper

244 100

212 29.6 22.6 33.8

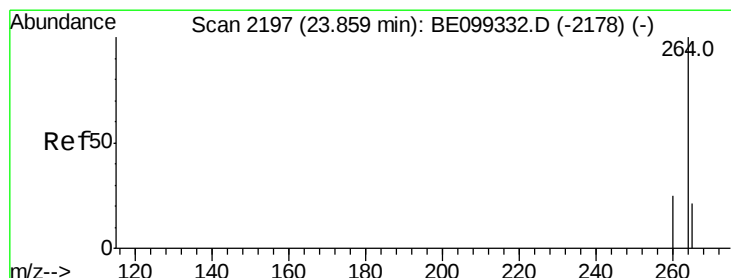
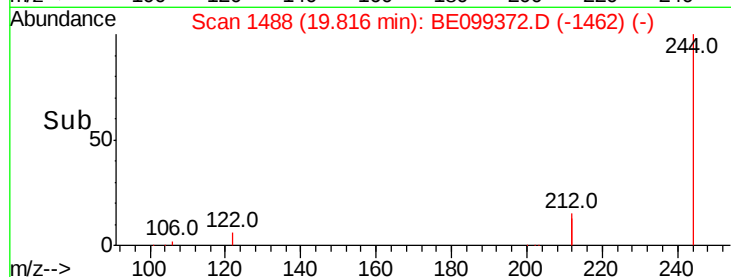
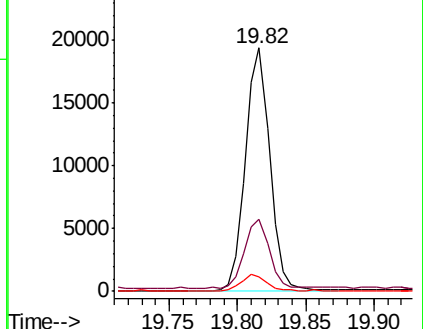
122 5.9 4.6 7.0



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# 2198

Delta R.T. 0.00 min

Lab File: BE099372.D

Acq: 26 Apr 2019 11:30

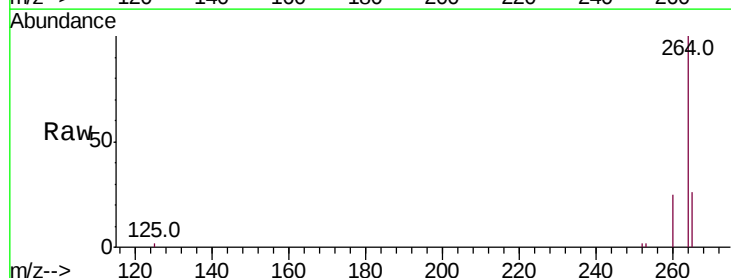
Tgt Ion:264 Resp: 31964

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 26.1 19.9 29.9



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

