

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041819\
 Data File : BE099340.D
 Acq On : 18 Apr 2019 16:49
 Operator : JU/SJ
 Sample : PB118927BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118927BL

Quant Time: Apr 19 07:02:59 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

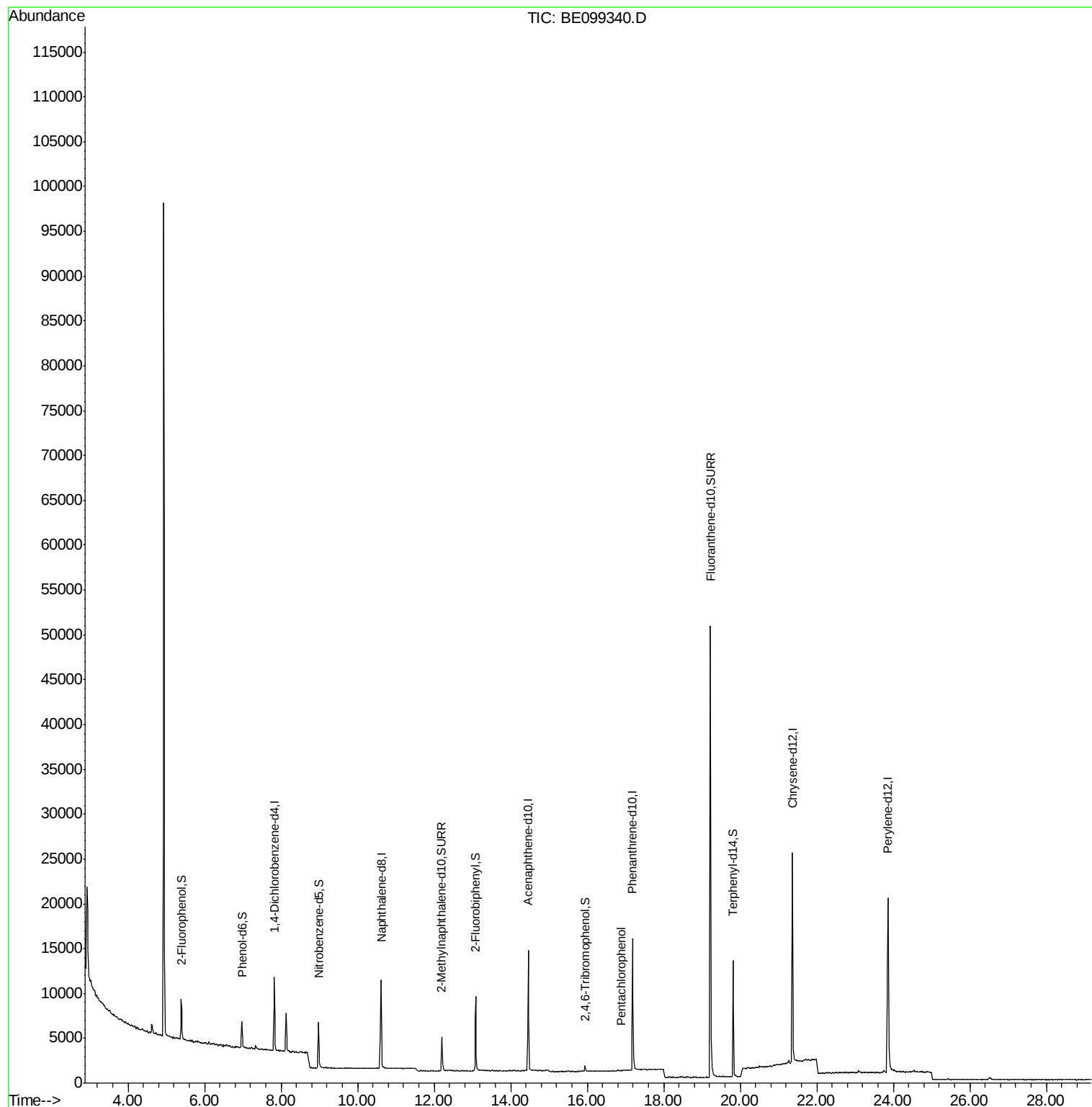
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3995	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	13308	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	7926	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	22022	0.40	ng	0.00
27) Chrysene-d12	21.37	240	27741	0.40	ng	0.00
34) Perylene-d12	23.86	264	30253	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	2558	0.26	ng	0.01
5) Phenol-d6	6.98	99	3294	0.24	ng	0.00
8) Nitrobenzene-d5	8.98	82	2539	0.25	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	5787	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	505	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	8678	0.28	ng	0.00
25) Fluoranthene-d10	19.22	212	73907	0.28	ng	0.00
29) Terphenyl-d14	19.81	244	13010	0.24	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.89	266	23	0.225	ng	Qvalue # 84

(#) = 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: BE099340.D

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ClientSampleId :

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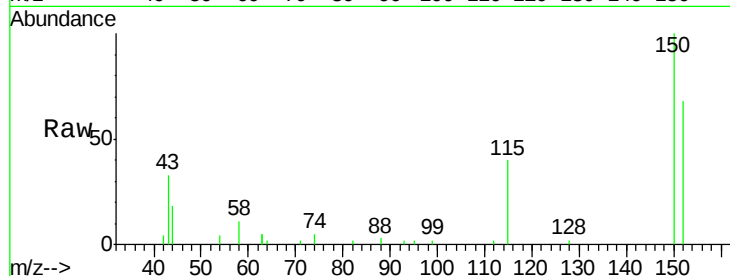
Tgt Ion:152 Resp: 3995

Ion Ratio Lower Upper

152 100

150 147.0 119.5 179.3

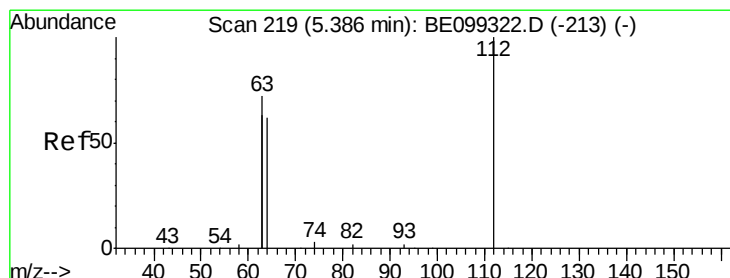
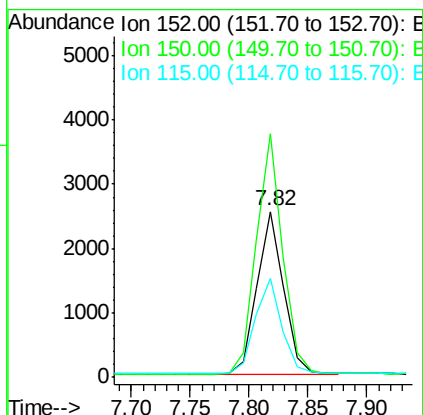
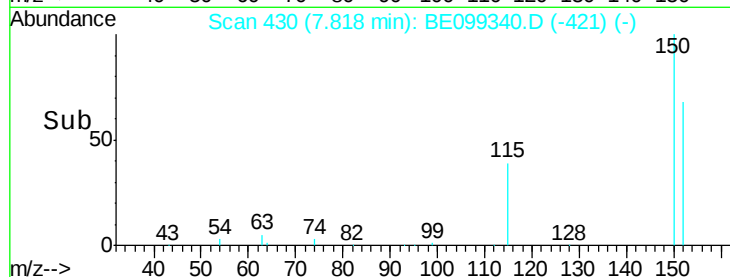
115 59.4 47.5 71.3



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: 0.262 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099340.D

Acq: 18 Apr 2019 16:49

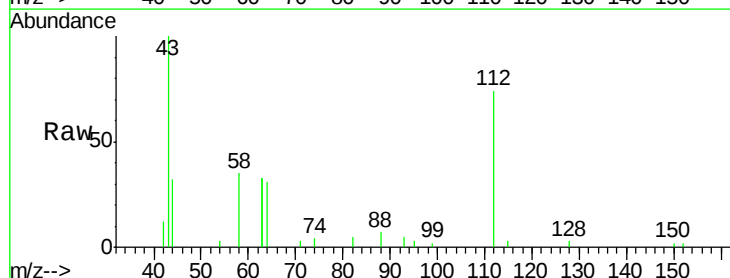
Tgt Ion:112 Resp: 2558

Ion Ratio Lower Upper

112 100

64 60.1 44.9 67.3

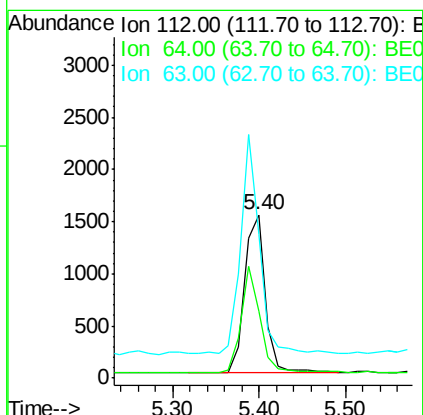
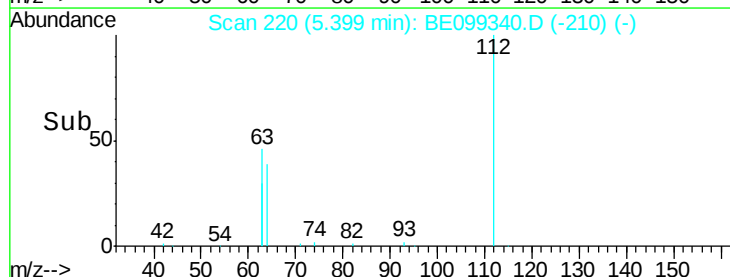
63 122.5 97.4 146.0

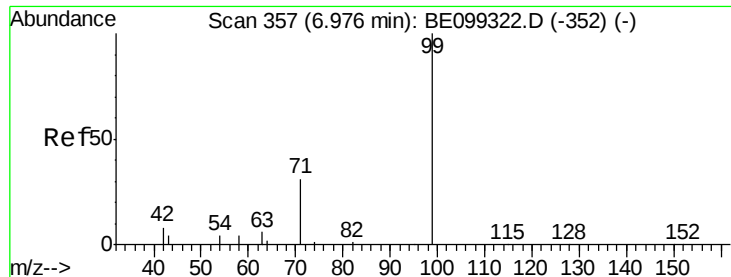


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.236 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099340.D

Acq: 18 Apr 2019 16:49

Instrument :

BNA_E

ClientSampleId :

PB118927BL

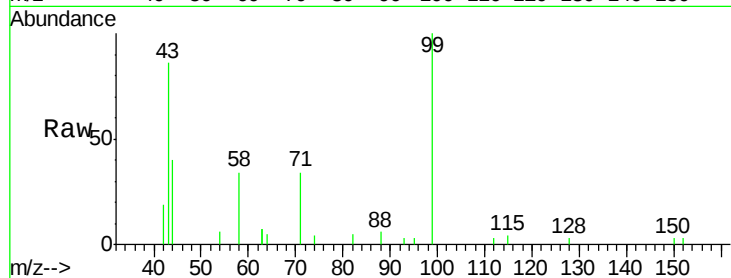
Tgt Ion: 99 Resp: 3294

Ion Ratio Lower Upper

99 100

42 16.3 11.7 17.5

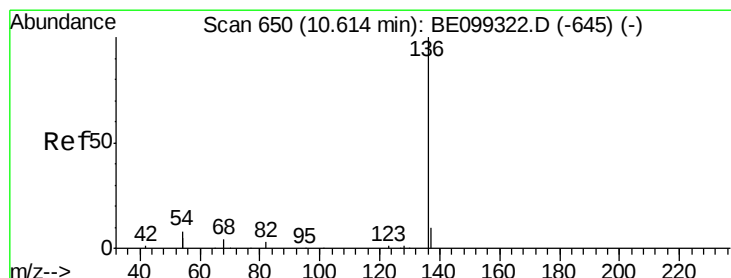
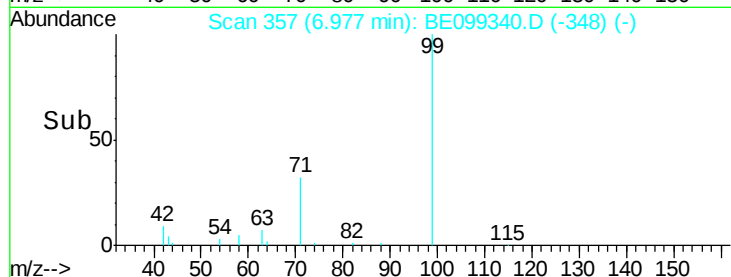
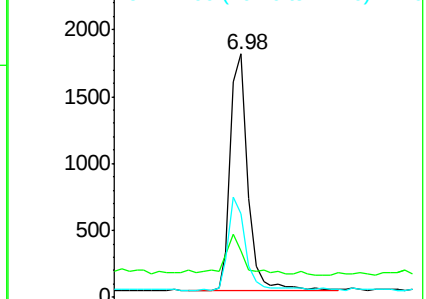
71 40.1 29.6 44.4



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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099340.D

Acq: 18 Apr 2019 16:49

Tgt Ion: 136 Resp: 13308

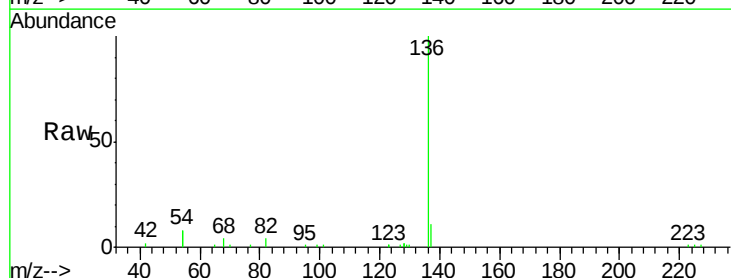
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 15.7 23.8 35.8#

68 4.5 6.4 9.6#

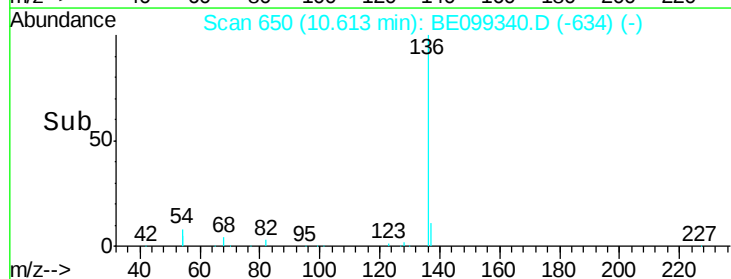
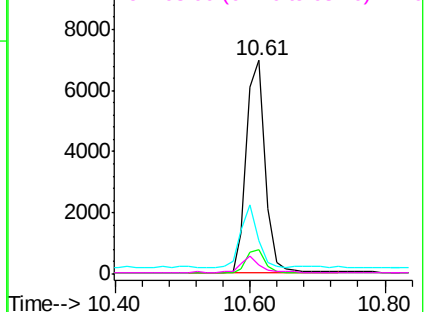


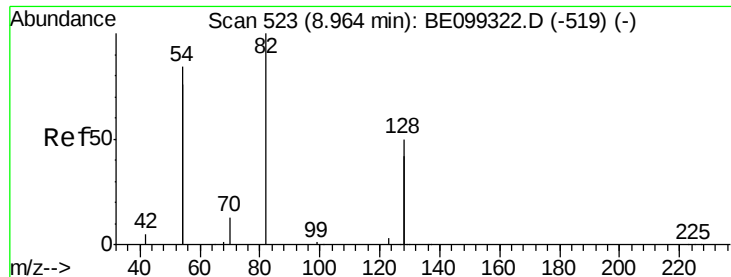
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.246 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099340.D

Acq: 18 Apr 2019 16:49

Instrument :

BNA_E

ClientSampleId :

PB118927BL

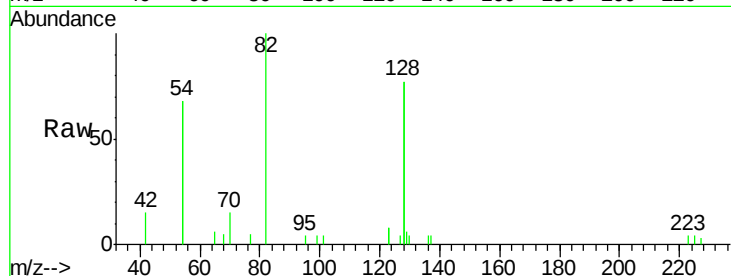
Tgt Ion: 82 Resp: 2539

Ion Ratio Lower Upper

82 100

128 153.5 91.7 137.5#

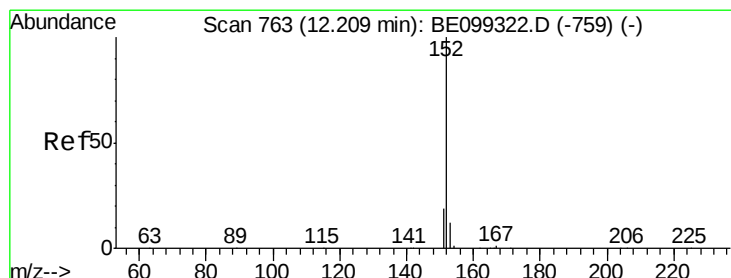
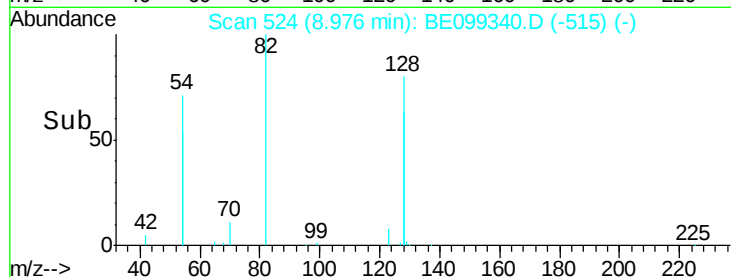
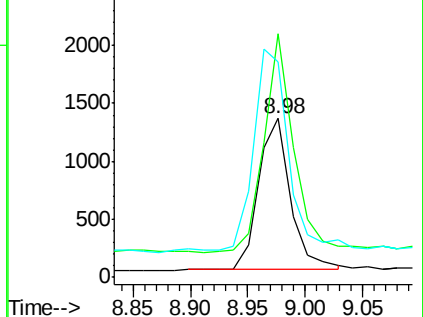
54 135.8 122.8 184.2



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: 0.246 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099340.D

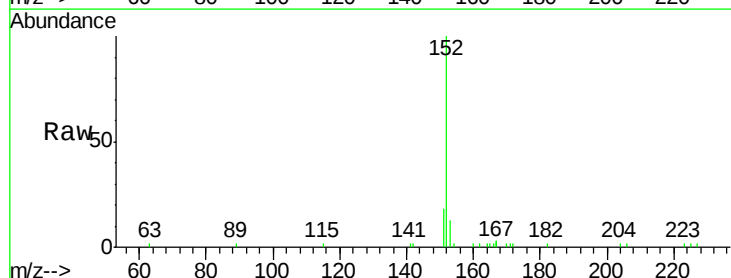
Acq: 18 Apr 2019 16:49

Tgt Ion: 152 Resp: 5787

Ion Ratio Lower Upper

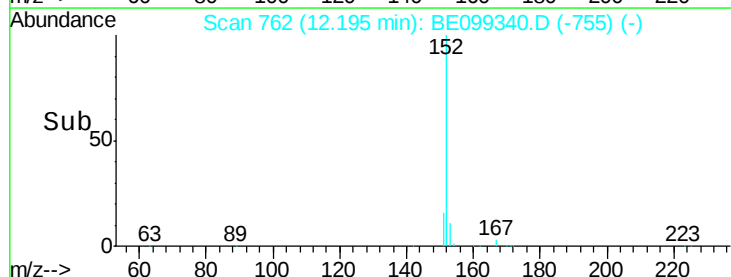
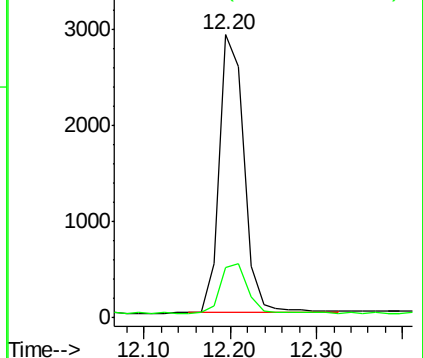
152 100

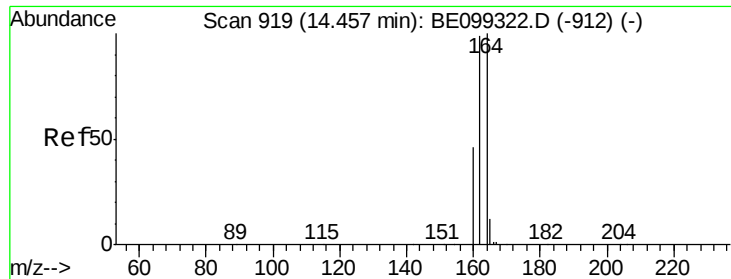
151 20.3 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

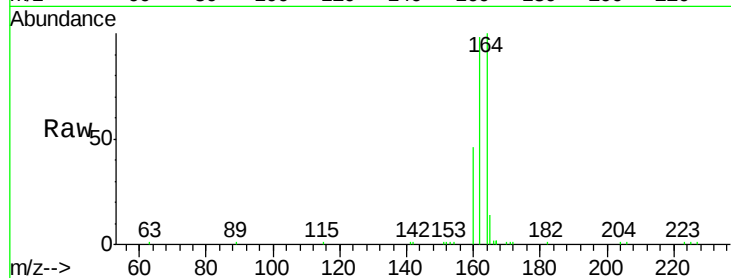




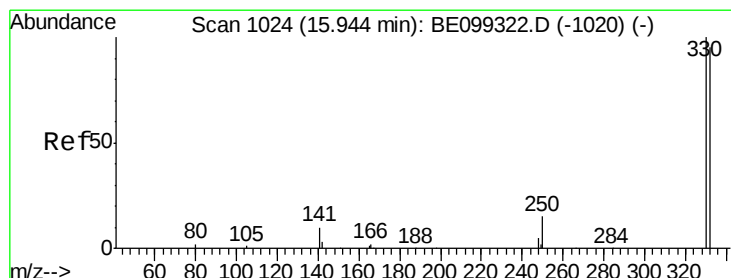
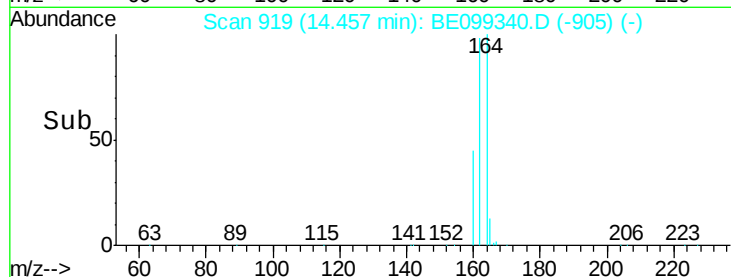
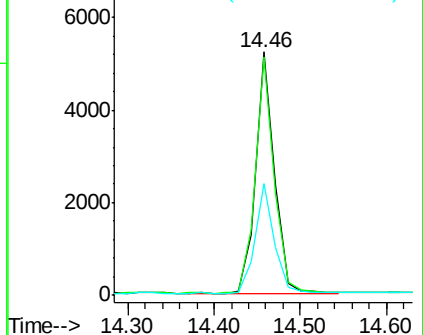
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099340.D
Acq: 18 Apr 2019 16:49

Instrument :
BNA_E
ClientSampleId :
PB118927BL

Tgt Ion:164 Resp: 7926
Ion Ratio Lower Upper
164 100
162 98.0 77.8 116.6
160 45.9 37.1 55.7

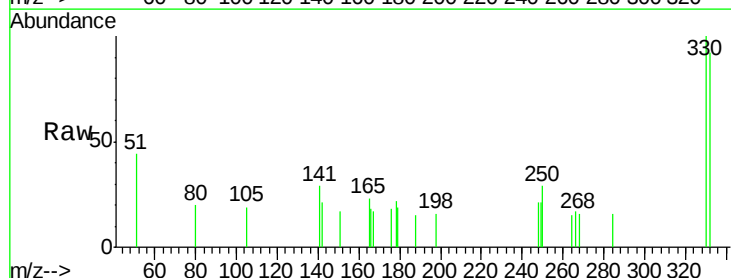


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

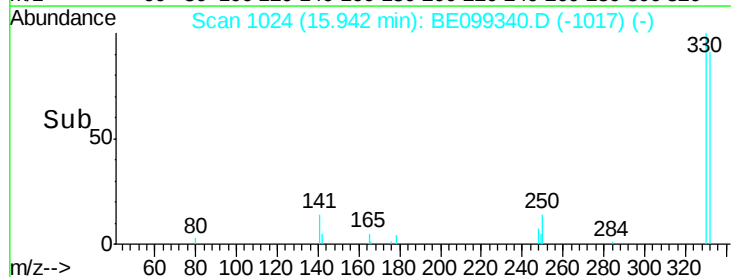
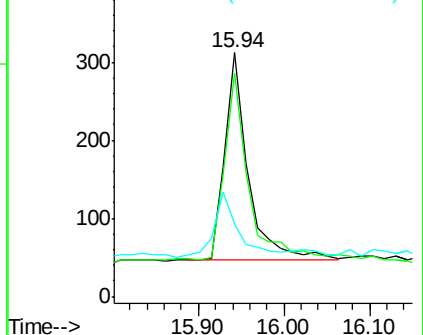


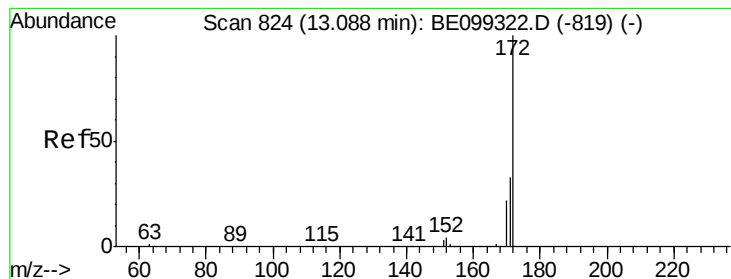
#14
2,4,6-Tribromophenol
Concen: 0.192 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099340.D
Acq: 18 Apr 2019 16:49

Tgt Ion:330 Resp: 505
Ion Ratio Lower Upper
330 100
332 99.6 82.5 123.7
141 32.7 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: 0.279 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099340.D

Acq: 18 Apr 2019 16:49

Instrument :

BNA_E

ClientSampleId :

PB118927BL

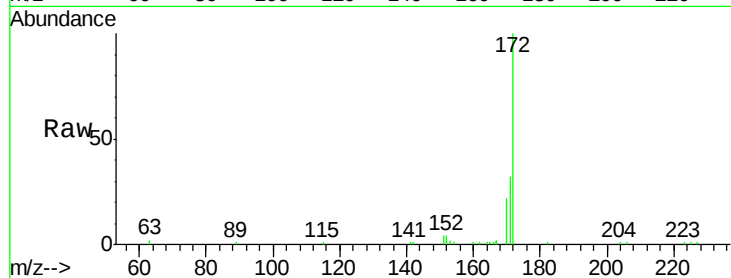
Tgt Ion:172 Resp: 8678

Ion Ratio Lower Upper

172 100

171 32.3 26.2 39.2

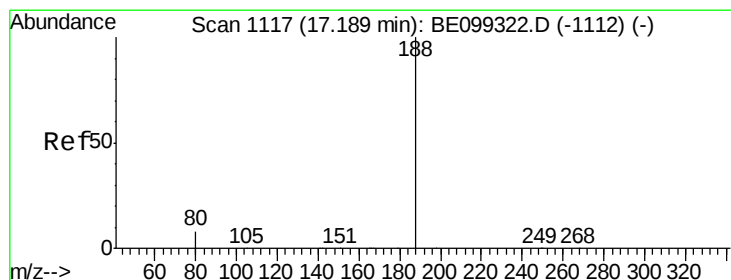
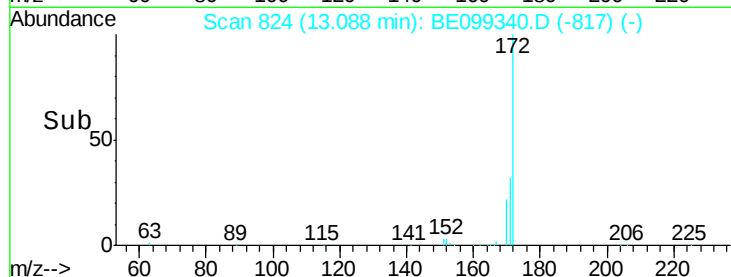
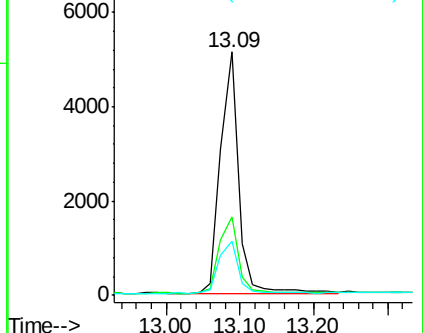
170 22.2 18.1 27.1



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: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099340.D

Acq: 18 Apr 2019 16:49

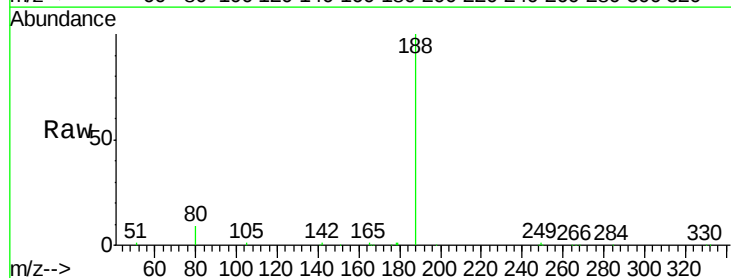
Tgt Ion:188 Resp: 22022

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

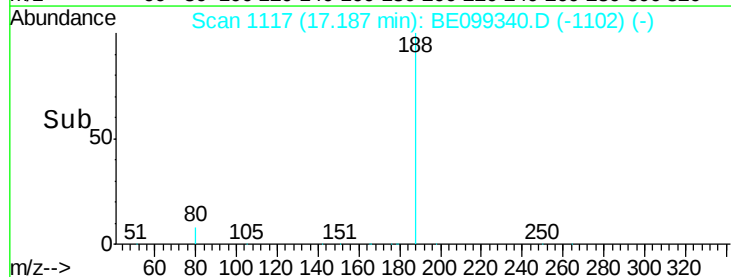
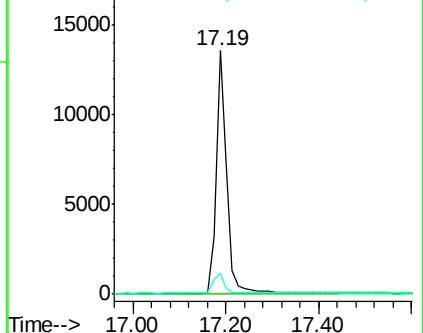
80 8.6 6.2 9.4

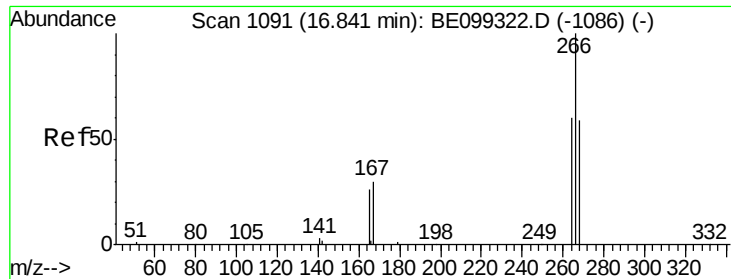


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.225 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.05 min

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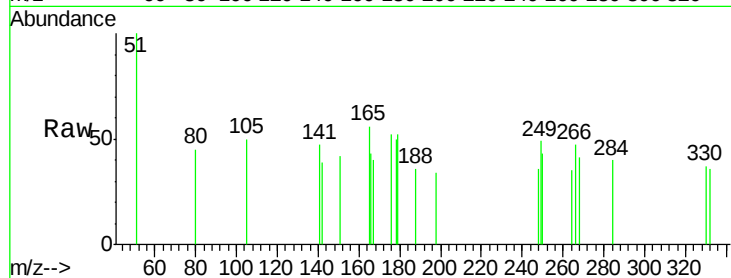
Tgt Ion: 266 Resp: 23

Ion Ratio Lower Upper

266 100

264 74.2 54.5 81.7

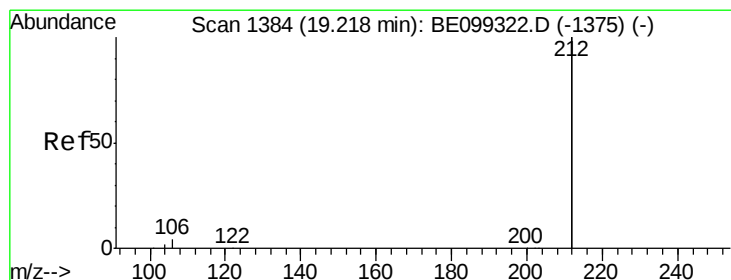
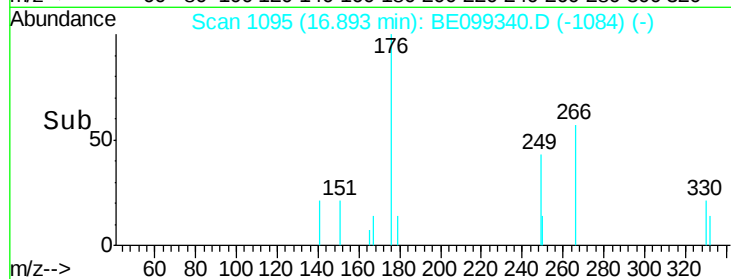
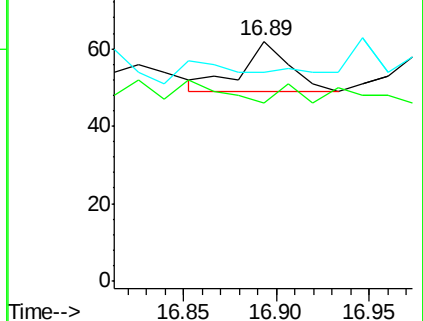
268 87.1 54.3 81.5#



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: 0.279 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099340.D

Acq: 18 Apr 2019 16:49

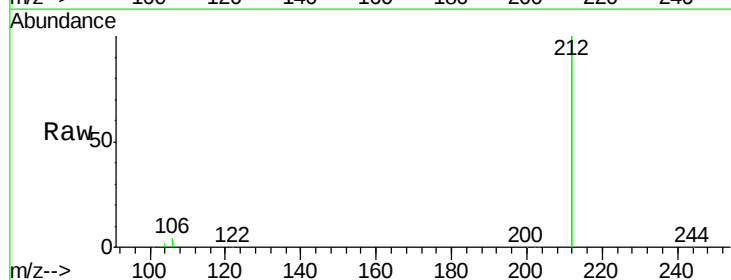
Tgt Ion: 212 Resp: 73907

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.6

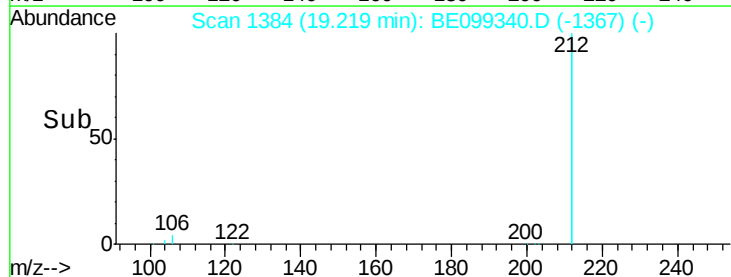
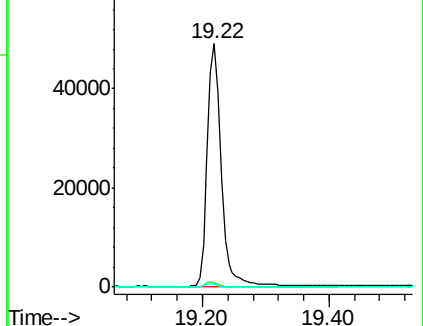
104 1.2 1.0 1.4

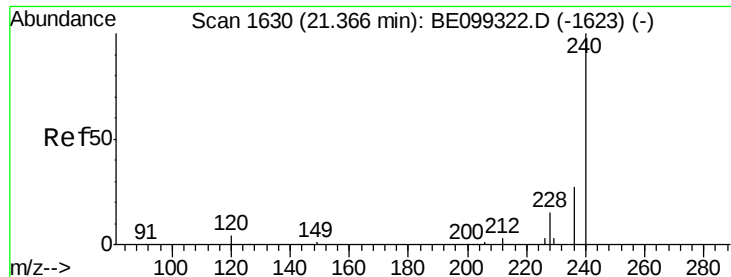


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE099340.D

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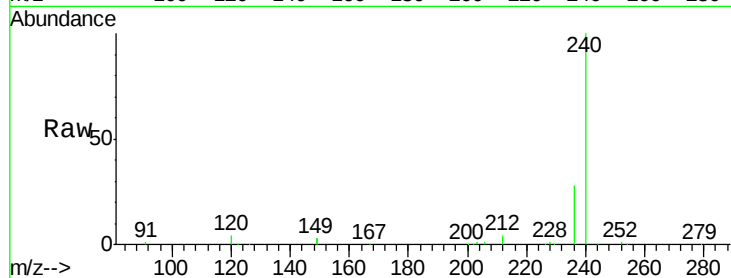
Tgt Ion:240 Resp: 27741

Ion Ratio Lower Upper

240 100

120 3.7 2.2 3.2#

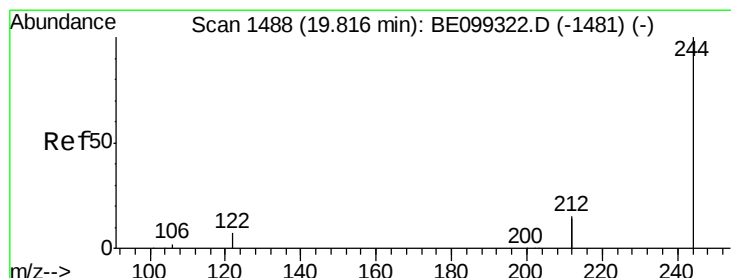
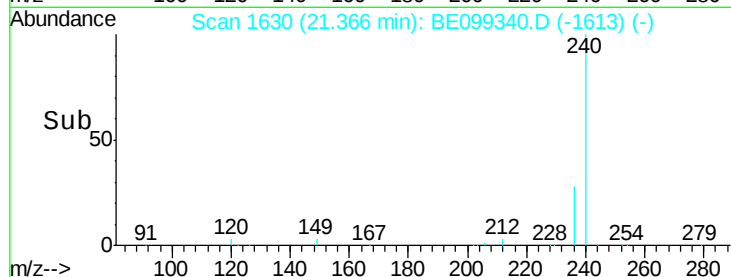
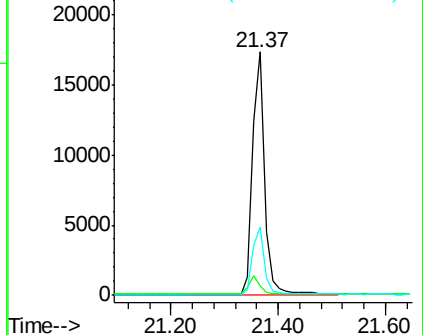
236 27.8 20.2 30.4



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: 0.238 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099340.D

Acq: 18 Apr 2019 16:49

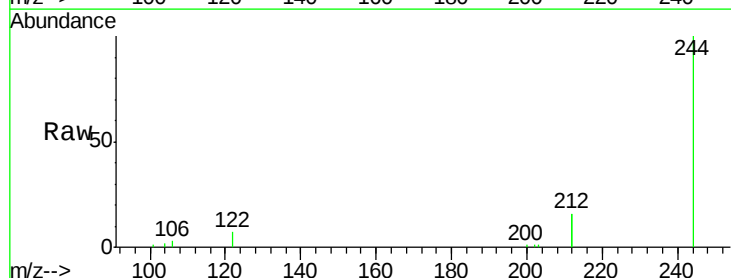
Tgt Ion:244 Resp: 13010

Ion Ratio Lower Upper

244 100

212 32.2 22.6 33.8

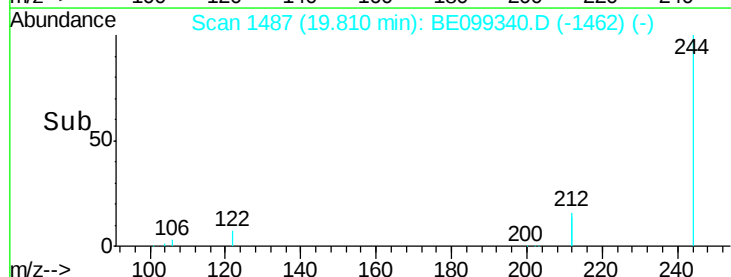
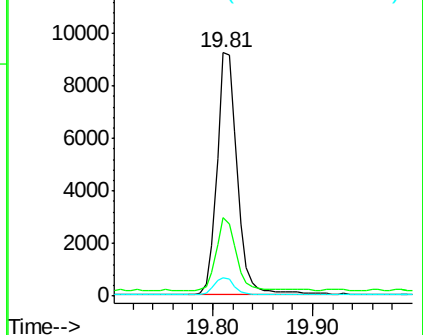
122 7.4 4.6 7.0#

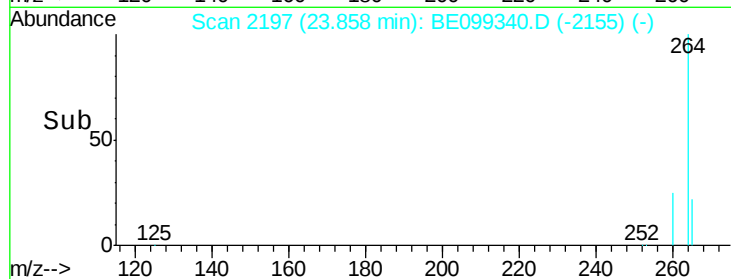
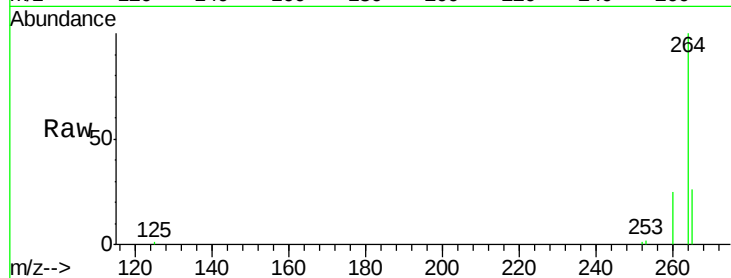
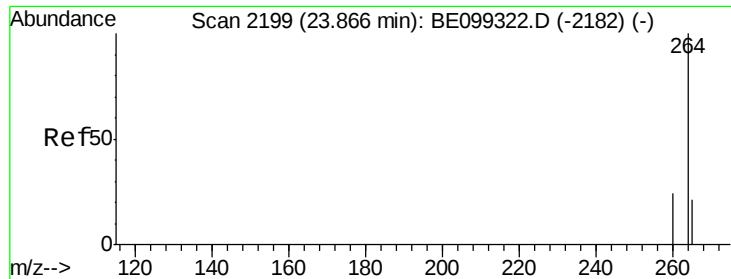


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2197

Delta R.T. -0.00 min

Lab File: BE099340.D

Acq: 18 Apr 2019 16:49

Instrument :

BNA_E

ClientSampleId :

PB118927BL

Tgt Ion: 264 Resp: 30253

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

265 26.2 19.9 29.9

