

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041219\
 Data File : BE099310.D
 Acq On : 12 Apr 2019 14:42
 Operator : JU/SJ
 Sample : K2366-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SA-PZ118S-20190409

Quant Time: Apr 12 17:59:52 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 12 17:51:18 2019
 Response via : Initial Calibration

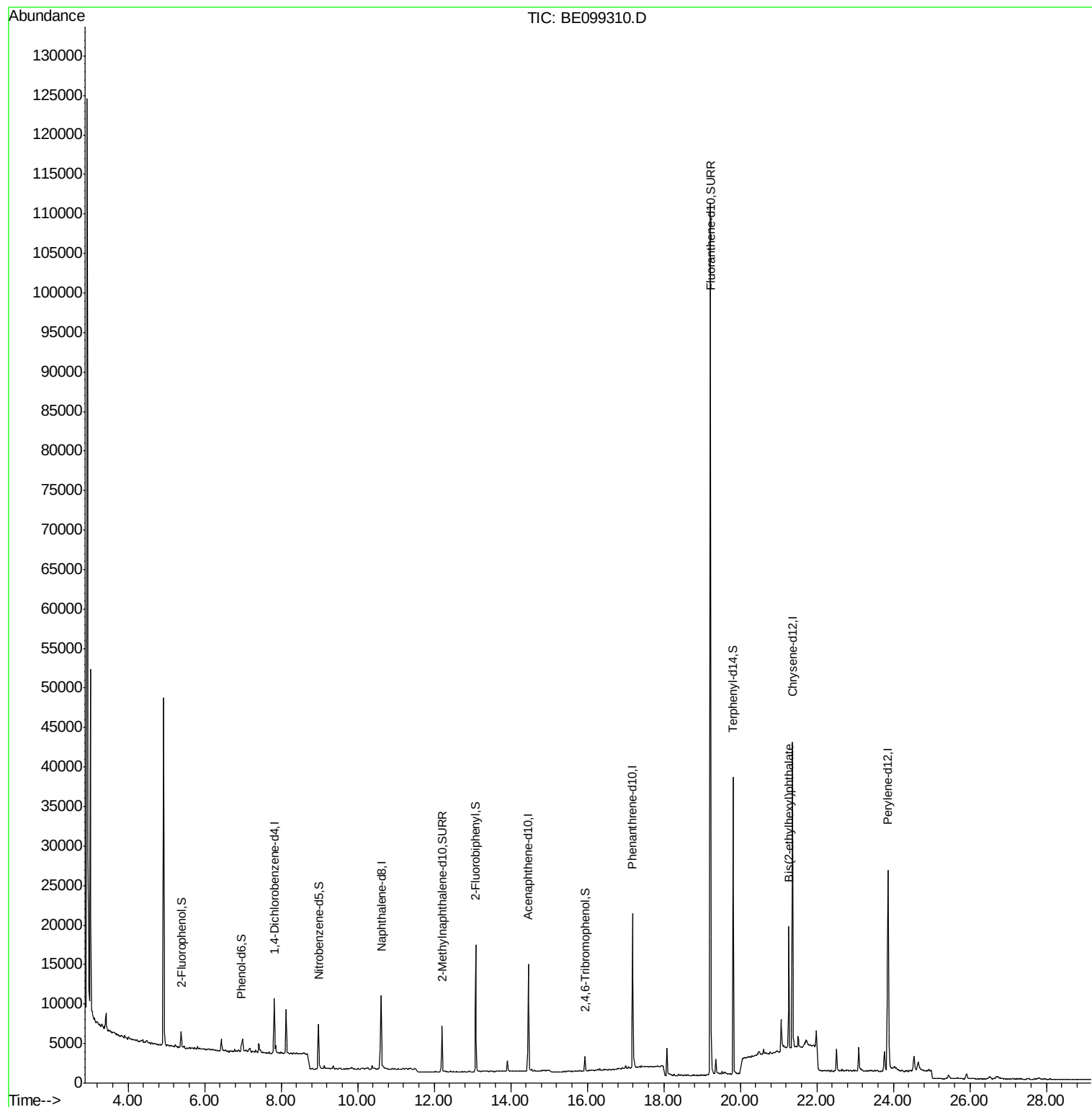
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3494	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	12658	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8474	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	27116	0.40	ng	0.00
27) Chrysene-d12	21.37	240	39019	0.40	ng	0.00
34) Perylene-d12	23.86	264	38548	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1277	0.14	ng	0.00
5) Phenol-d6	6.97	99	935	0.07	ng	0.00
8) Nitrobenzene-d5	8.98	82	2946	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	7944	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	1162	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	14300	0.43	ng	0.00
25) Fluoranthene-d10	19.22	212	144450	0.40	ng	0.00
29) Terphenyl-d14	19.82	244	32117	0.45	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.27	149	16077	0.103	ng	99

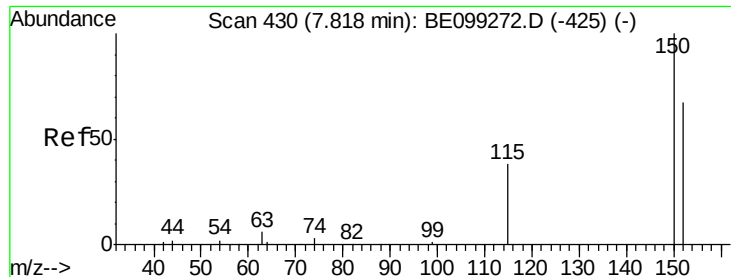
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099310.D

Acq: 12 Apr 2019 14:42

Instrument :

BNA_E

ClientSampleId :

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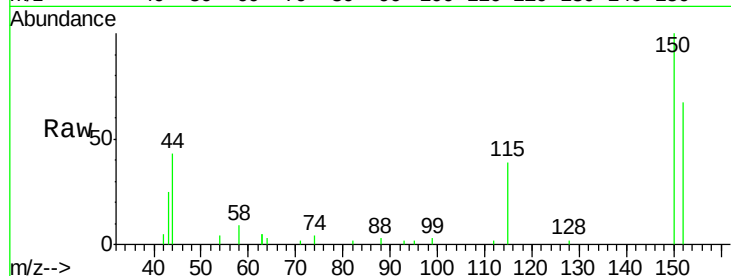
Tgt Ion:152 Resp: 3494

Ion Ratio Lower Upper

152 100

150 148.3 117.3 175.9

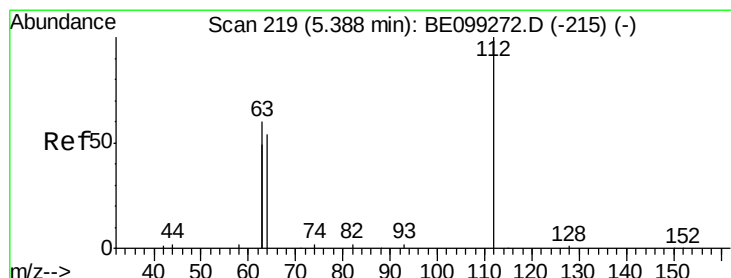
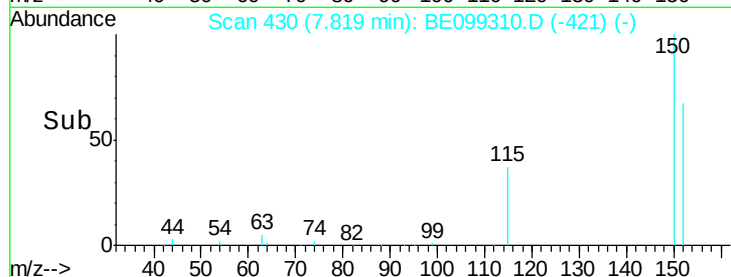
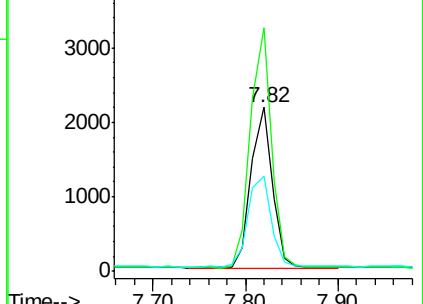
115 57.8 50.2 75.4



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: 0.138 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099310.D

Acq: 12 Apr 2019 14:42

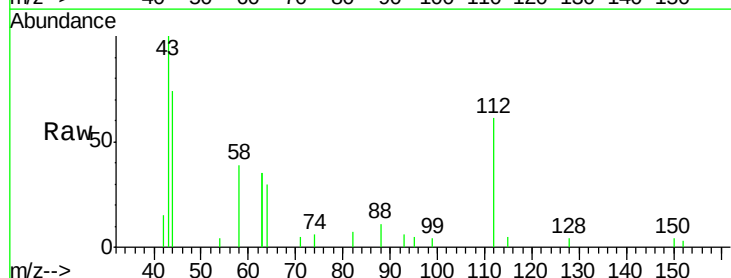
Tgt Ion:112 Resp: 1277

Ion Ratio Lower Upper

112 100

64 52.8 45.4 68.0

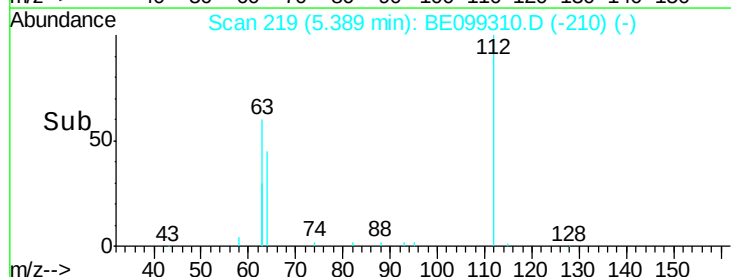
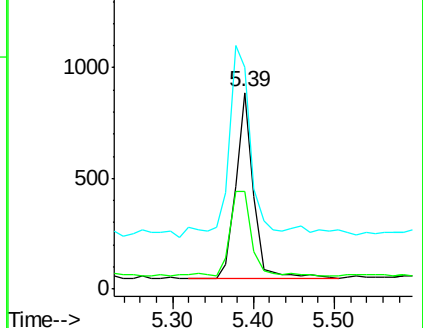
63 128.0 97.3 145.9

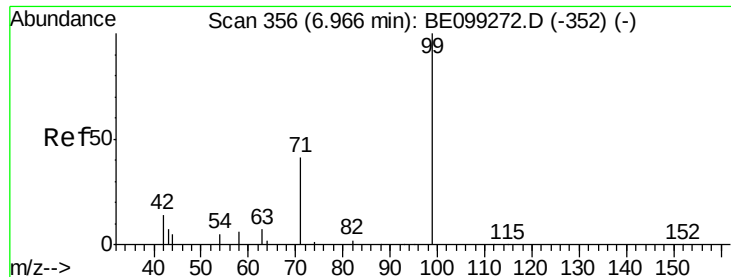


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.073 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099310.D

Acq: 12 Apr 2019 14:42

Instrument :

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ClientSampleId :

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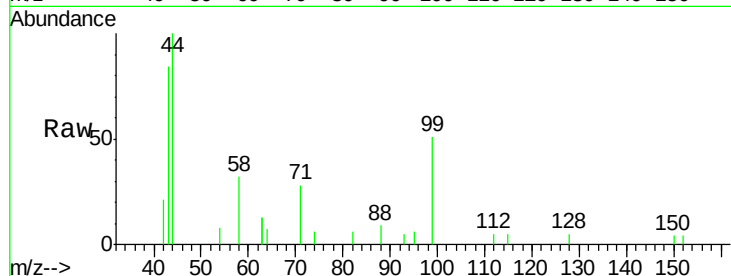
Tgt Ion: 99 Resp: 935

Ion Ratio Lower Upper

99 100

42 31.2 13.4 20.0#

71 52.7 30.4 45.6#



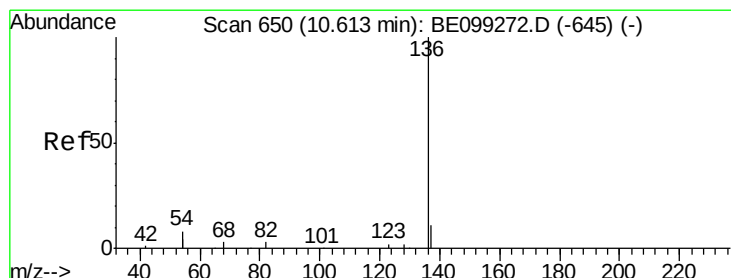
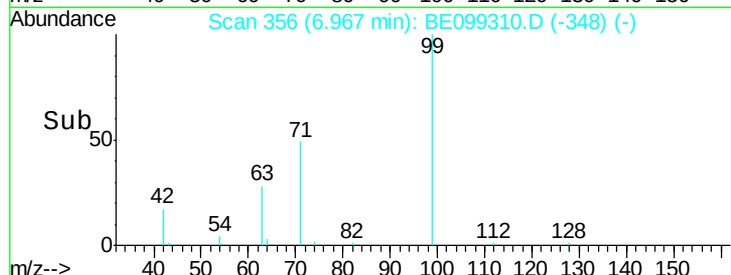
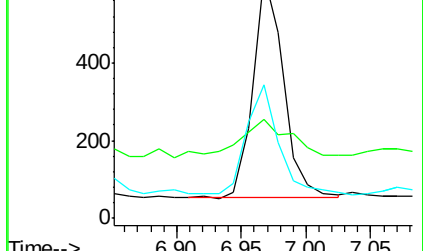
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.97

6.90 6.95 7.00 7.05



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099310.D

Acq: 12 Apr 2019 14:42

Tgt Ion: 136 Resp: 12658

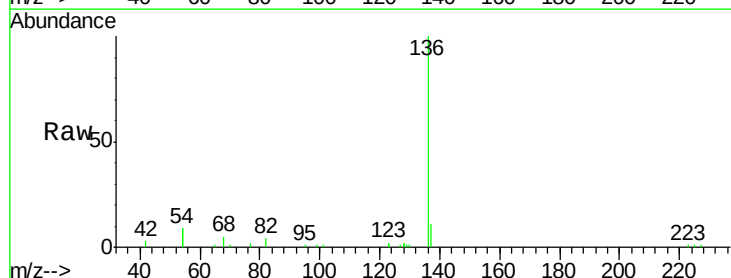
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 17.3 11.4 17.0#

68 4.6 3.2 4.8



Abundance Ion 136.00 (135.70 to 136.70): E

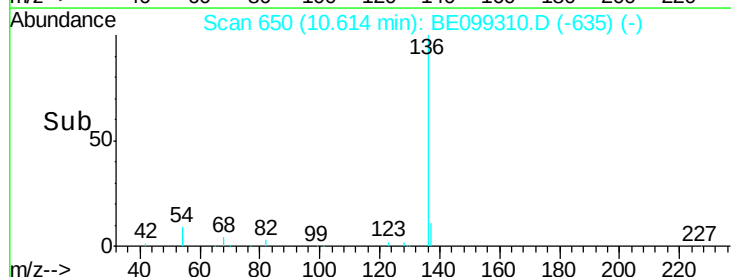
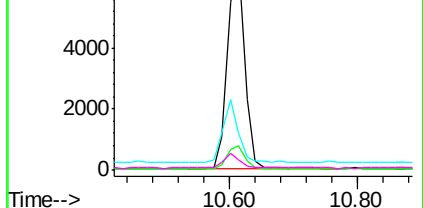
Ion 137.00 (136.70 to 137.70): E

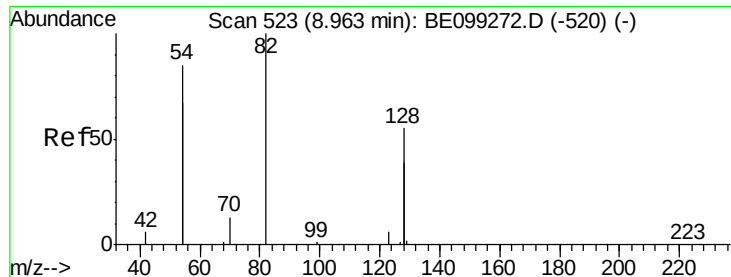
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

10.61

10.60 10.80





#8

Nitrobenzene-d5

Concen: 0.339 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099310.D

Acq: 12 Apr 2019 14:42

Instrument :

BNA_E

ClientSampleId :

SA-PZ118S-20190409

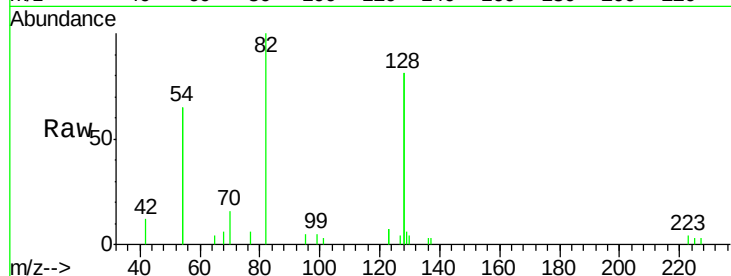
Tgt Ion: 82 Resp: 2946

Ion Ratio Lower Upper

82 100

128 161.5 86.6 130.0#

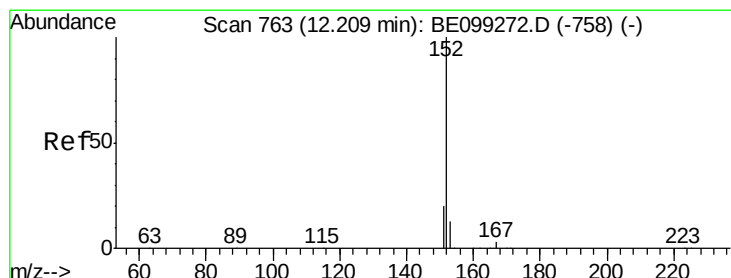
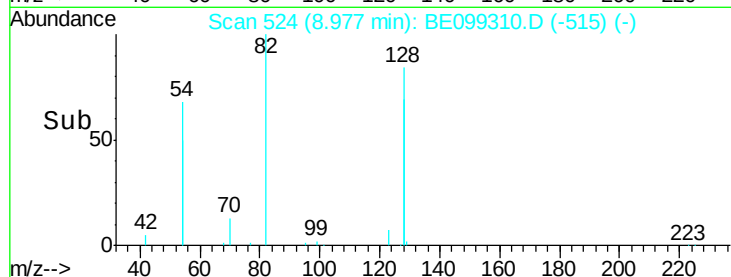
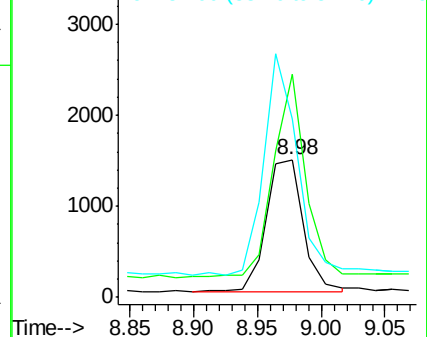
54 129.3 131.1 196.7#



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: 0.360 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099310.D

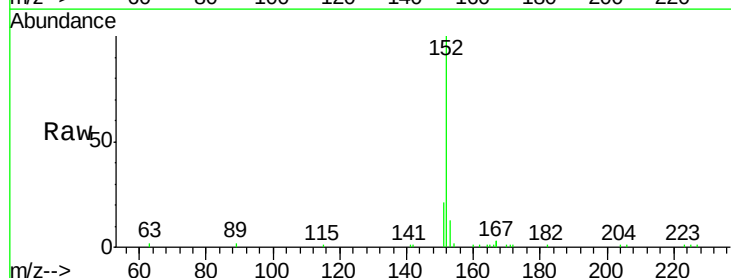
Acq: 12 Apr 2019 14:42

Tgt Ion: 152 Resp: 7944

Ion Ratio Lower Upper

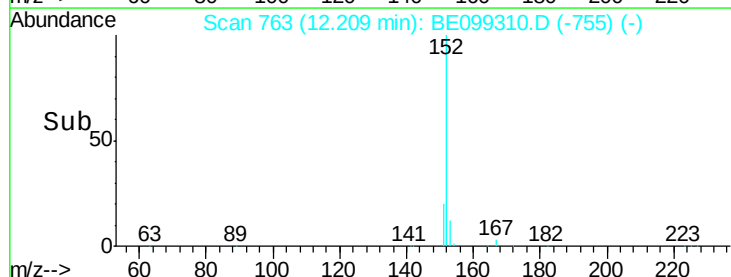
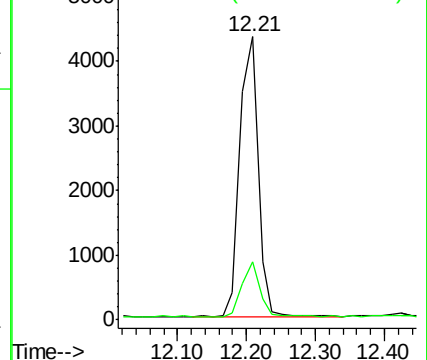
152 100

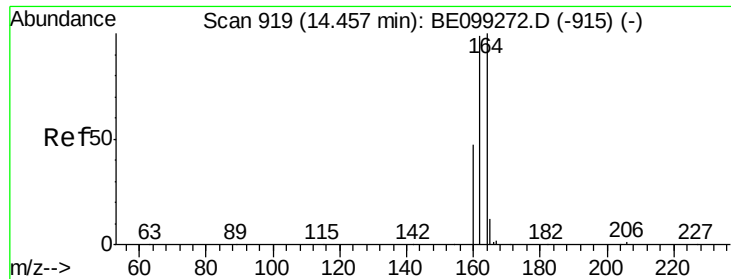
151 18.9 15.4 23.2



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: BE099310.D

Acq: 12 Apr 2019 14:42

Instrument :

BNA_E

ClientSampleId :

SA-PZ118S-20190409

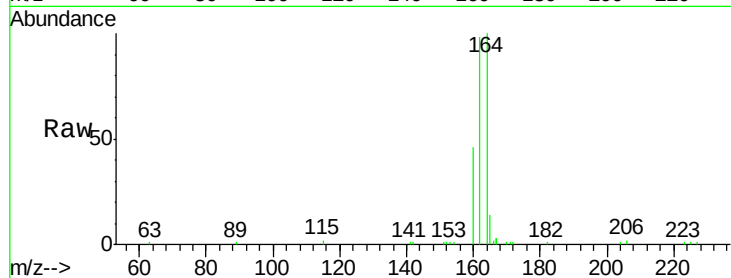
Tgt Ion:164 Resp: 8474

Ion Ratio Lower Upper

164 100

162 98.5 78.3 117.5

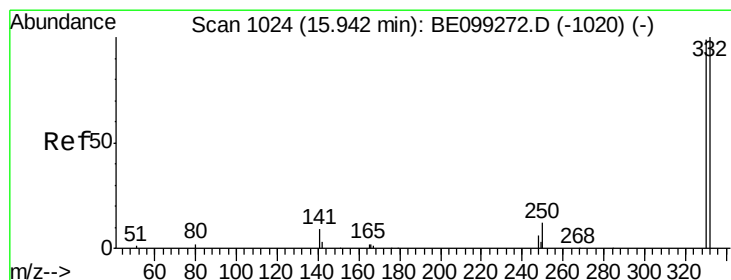
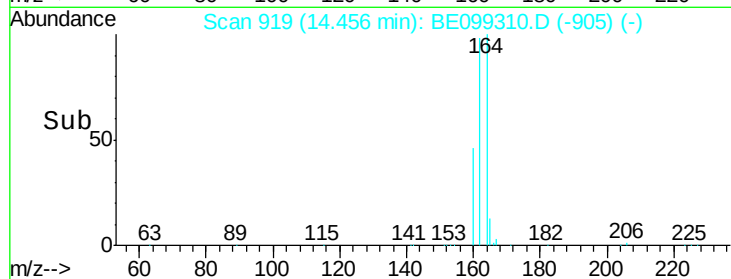
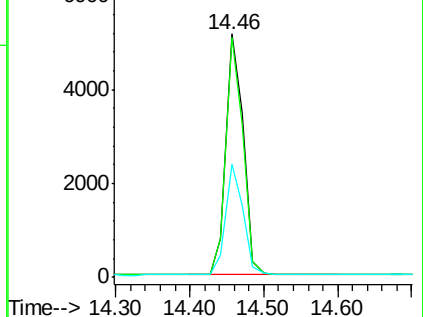
160 46.4 36.6 54.8



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: 0.298 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099310.D

Acq: 12 Apr 2019 14:42

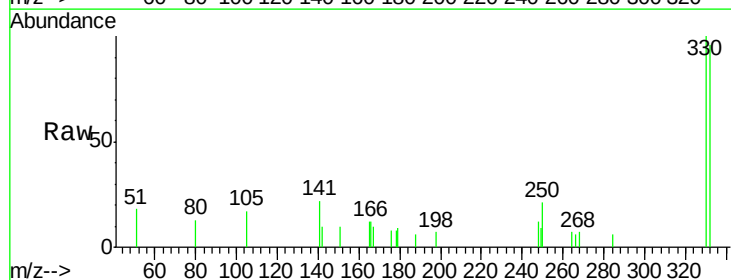
Tgt Ion:330 Resp: 1162

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

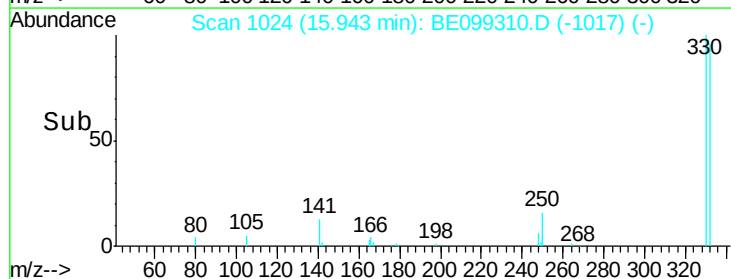
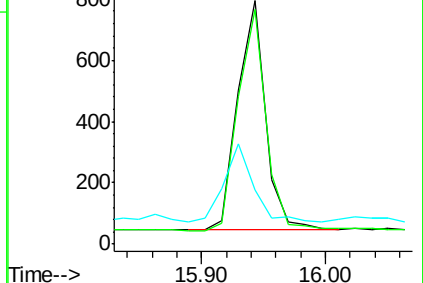
141 34.6 25.0 37.4

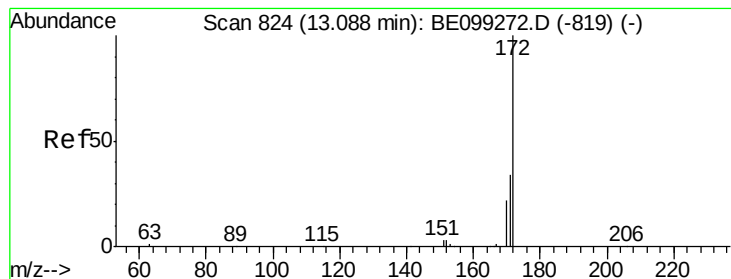


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

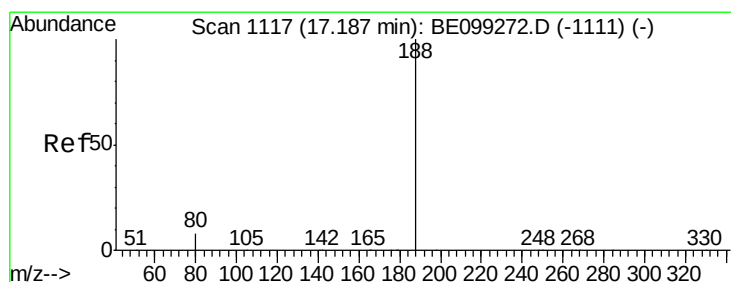
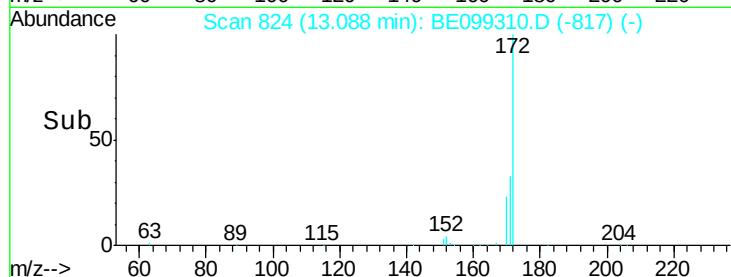
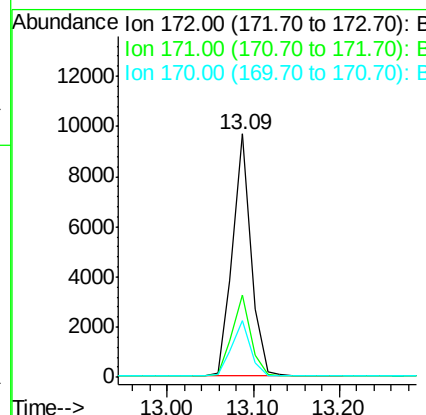
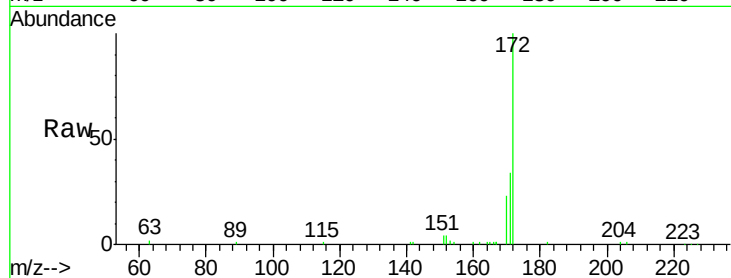




#15
 2-Fluorobiphenyl
 Concen: 0.429 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099310.D
 Acq: 12 Apr 2019 14:42

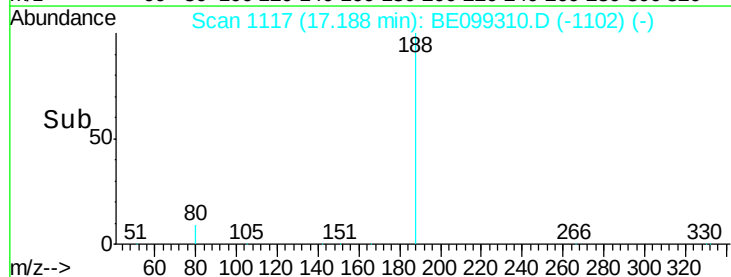
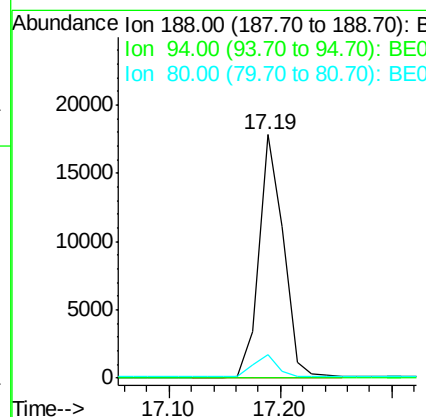
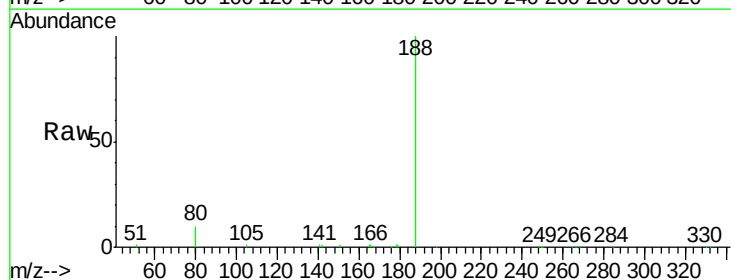
Instrument :
 BNA_E
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 SA-PZ118S-20190409

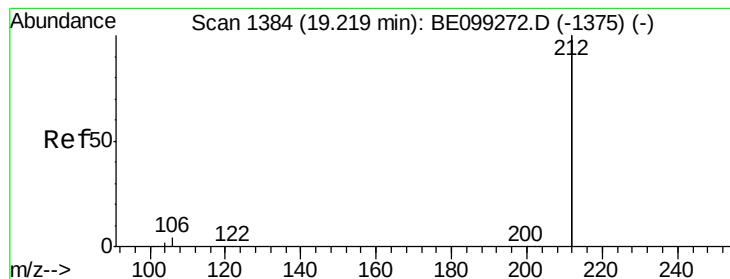
Tgt Ion:172 Resp: 14300
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.8 41.6
 170 23.1 18.2 27.2



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BE099310.D
 Acq: 12 Apr 2019 14:42

Tgt Ion:188 Resp: 27116
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.9 5.7 8.5#





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099310.D

Acq: 12 Apr 2019 14:42

Instrument :

BNA_E

ClientSampleId :

SA-PZ118S-20190409

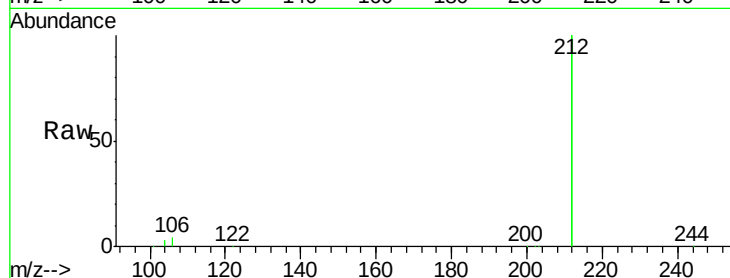
Tgt Ion:212 Resp: 144450

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.6

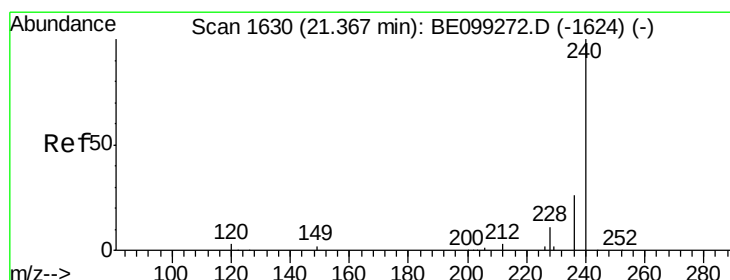
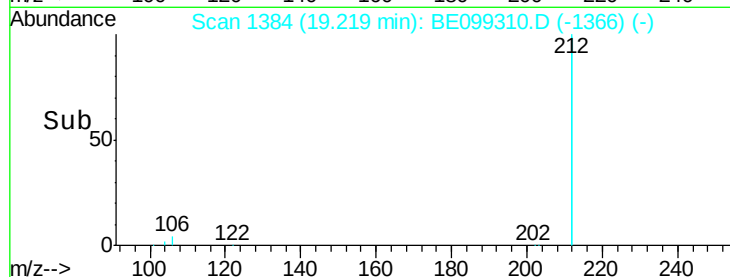
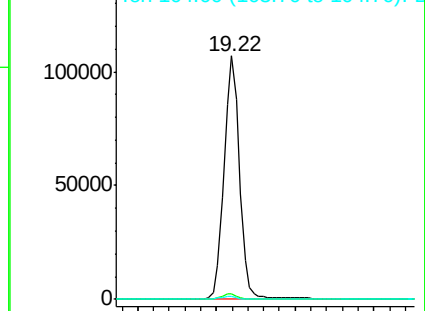
104 1.3 1.0 1.6



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: BE099310.D

Acq: 12 Apr 2019 14:42

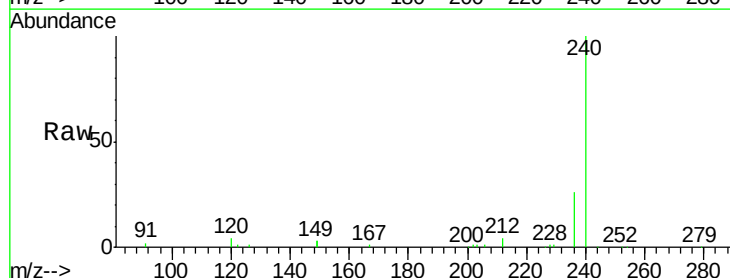
Tgt Ion:240 Resp: 39019

Ion Ratio Lower Upper

240 100

120 4.3 2.4 3.6#

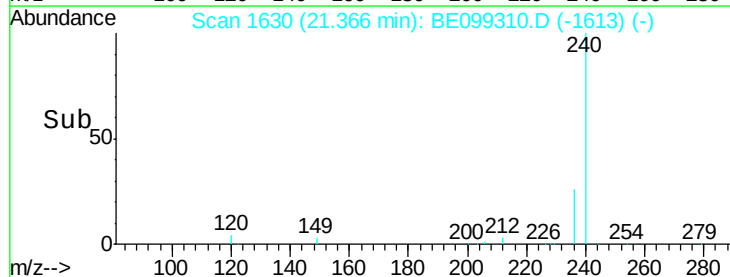
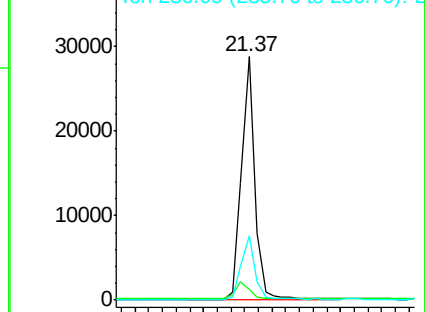
236 26.4 21.0 31.4

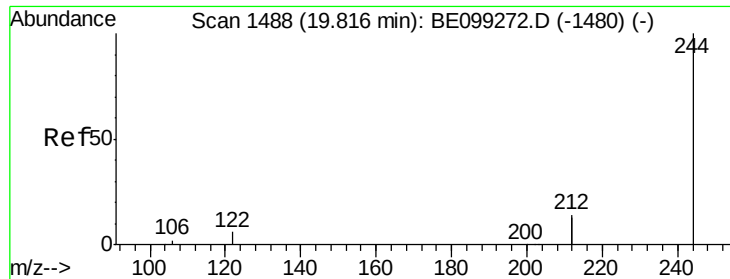


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.451 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099310.D

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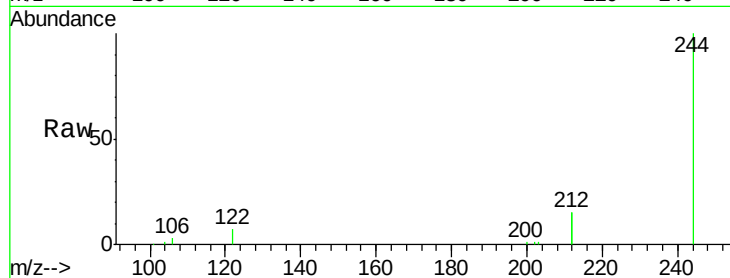
Tgt Ion:244 Resp: 32117

Ion Ratio Lower Upper

244 100

212 30.9 24.0 36.0

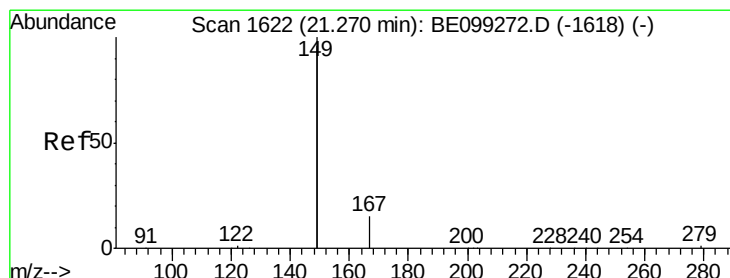
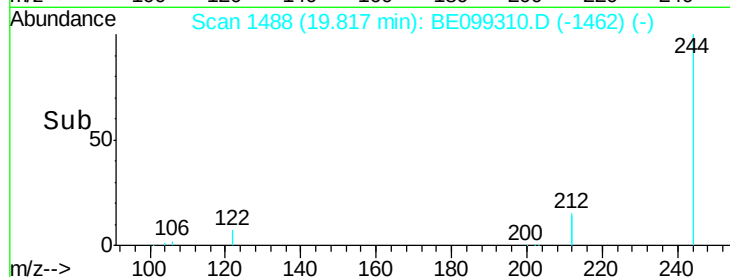
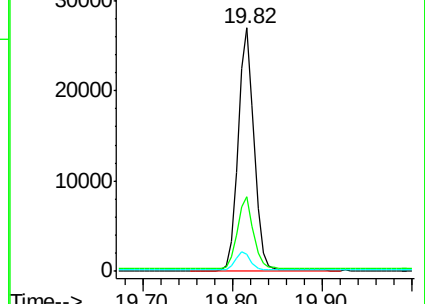
122 7.0 5.2 7.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.103 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099310.D

Acq: 12 Apr 2019 14:42

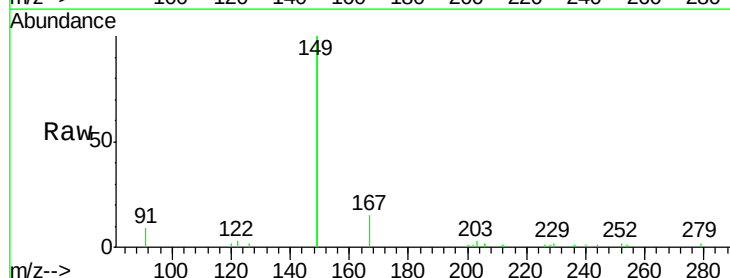
Tgt Ion:149 Resp: 16077

Ion Ratio Lower Upper

149 100

167 7.9 6.1 9.1

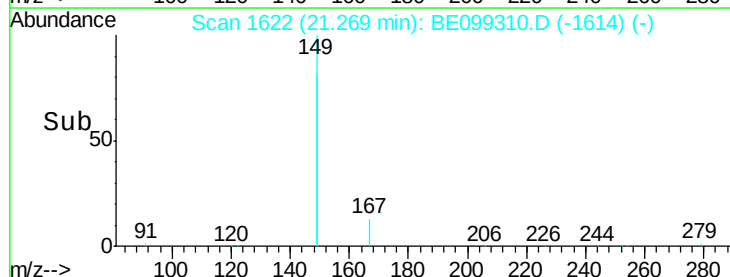
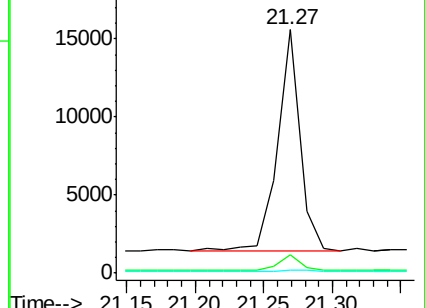
279 1.4 1.0 1.4

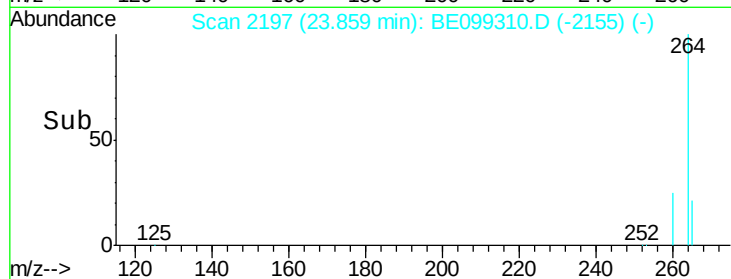
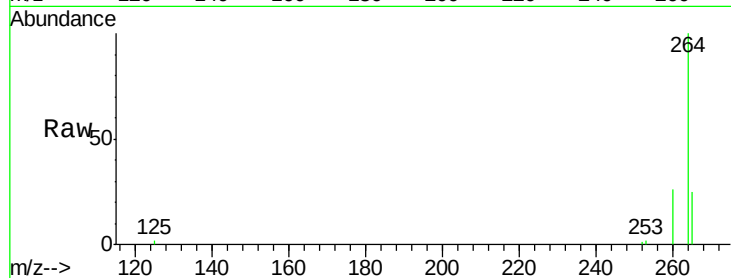
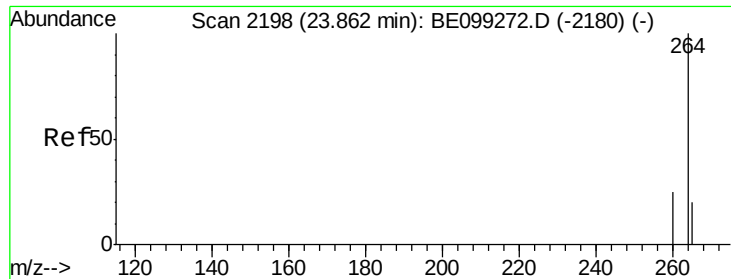


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BE099310.D

Acq: 12 Apr 2019 14:42

Instrument :

BNA_E

ClientSampleId :

SA-PZ118S-20190409

Tgt Ion: 264 Resp: 38548

Ion Ratio Lower Upper

264 100

260 25.6 19.9 29.9

265 24.8 19.8 29.6

