

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041219\
 Data File : BE099318.D
 Acq On : 12 Apr 2019 19:47
 Operator : JU/SJ
 Sample : K2366-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SA-PZ147-20190409

Quant Time: Apr 12 20:36:31 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 20:31:12 2019
 Response via : Initial Calibration

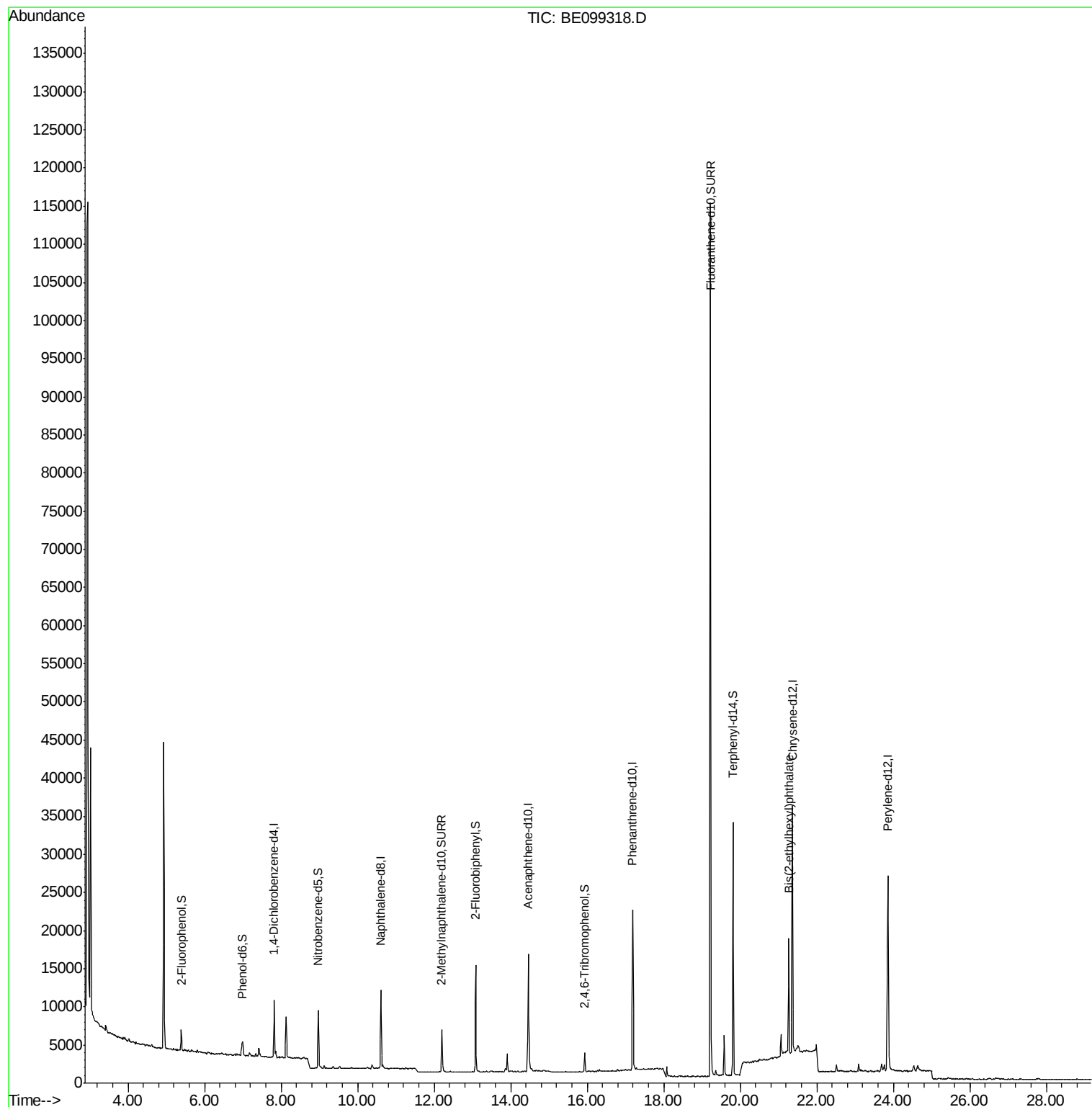
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3562	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	13106	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	9659	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	27831	0.40	ng	0.00
27) Chrysene-d12	21.37	240	39795	0.40	ng	0.00
34) Perylene-d12	23.86	264	39632	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1435	0.15	ng	0.00
5) Phenol-d6	6.98	99	1202	0.09	ng	0.00
8) Nitrobenzene-d5	8.96	82	3737	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	8313	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	1506	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	13365	0.35	ng	0.00
25) Fluoranthene-d10	19.22	212	150052	0.41	ng	0.00
29) Terphenyl-d14	19.81	244	29239	0.40	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.27	149	17888	0.112	ng	100

(#) = 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: BE099318.D

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Instrument :

BNA_E

ClientSampleId :

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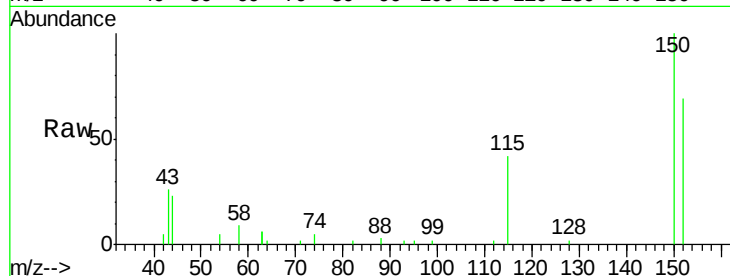
Tgt Ion:152 Resp: 3562

Ion Ratio Lower Upper

152 100

150 144.8 112.8 169.2

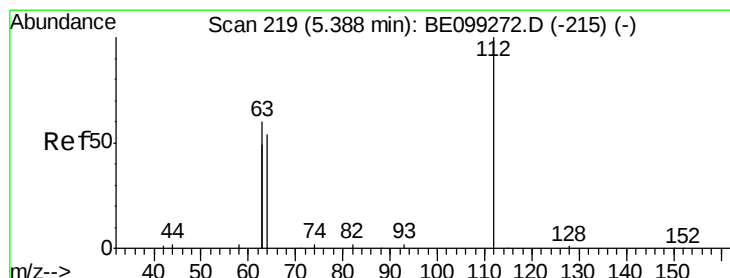
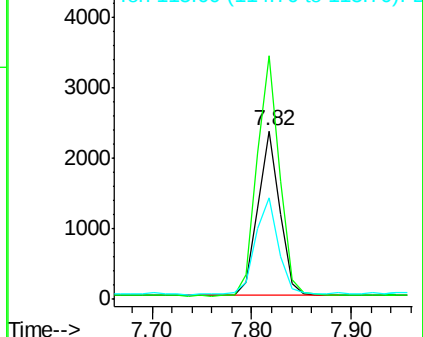
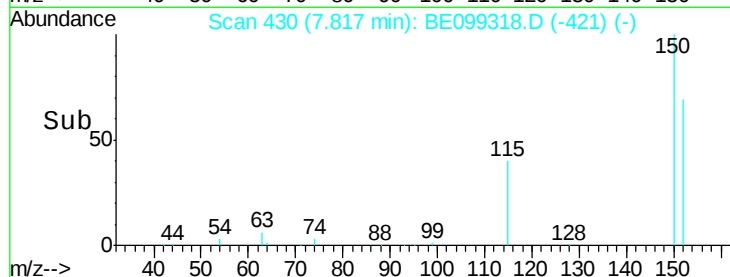
115 60.2 45.1 67.7



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: 0.152 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099318.D

Acq: 12 Apr 2019 19:47

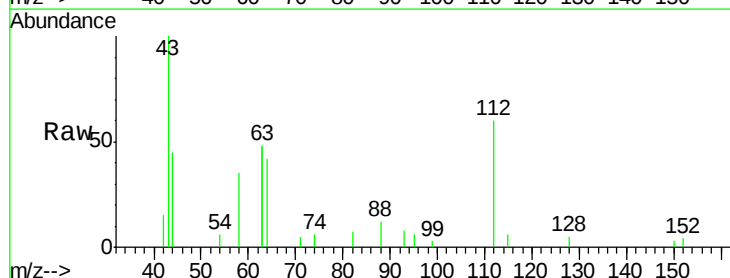
Tgt Ion:112 Resp: 1435

Ion Ratio Lower Upper

112 100

64 59.3 46.2 69.2

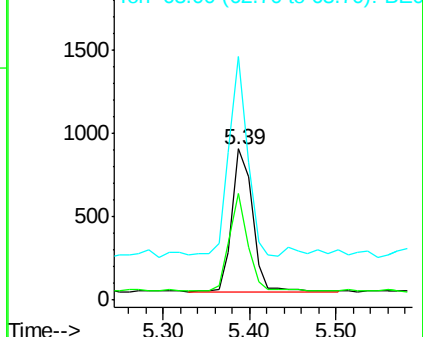
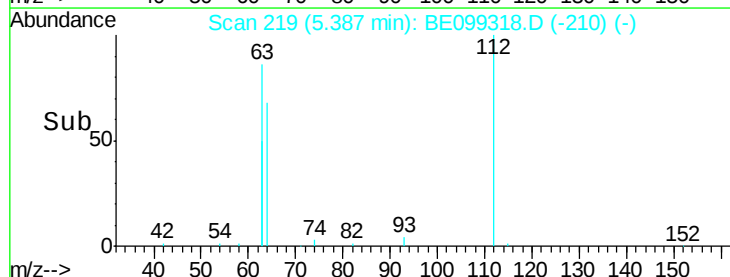
63 123.8 89.9 134.9

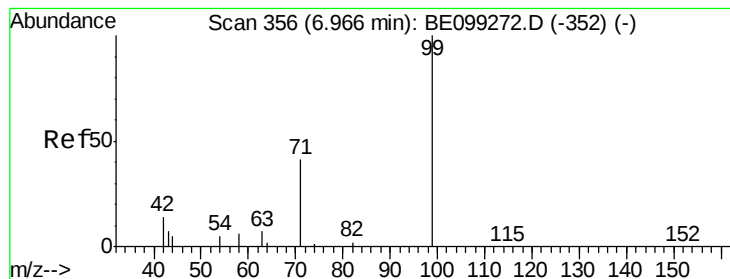


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.092 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099318.D

Acq: 12 Apr 2019 19:47

Instrument :

BNA_E

ClientSampleId :

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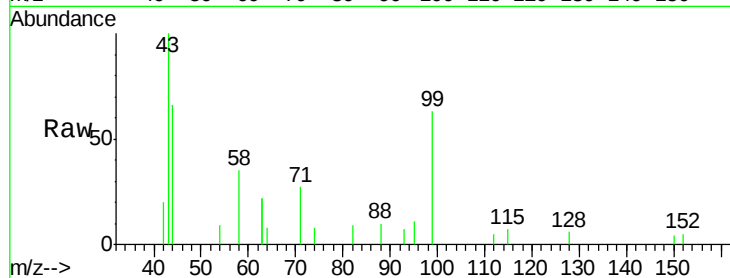
Tgt Ion: 99 Resp: 1202

Ion Ratio Lower Upper

99 100

42 26.7 12.4 18.6#

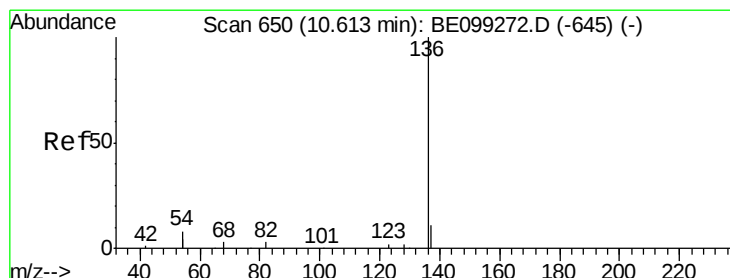
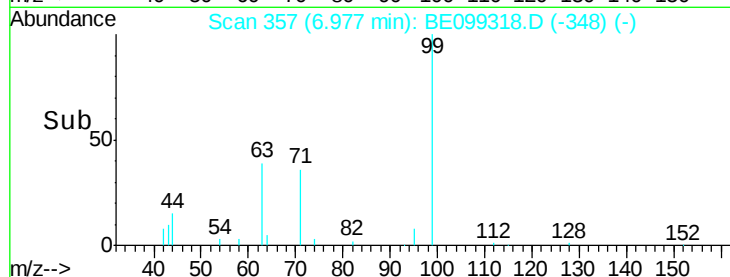
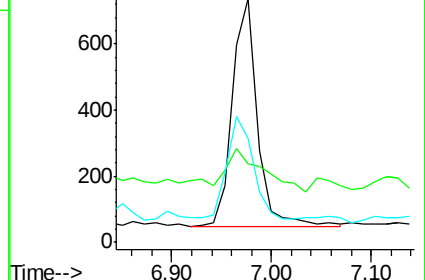
71 46.5 28.4 42.6#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099318.D

Acq: 12 Apr 2019 19:47

Tgt Ion: 136 Resp: 13106

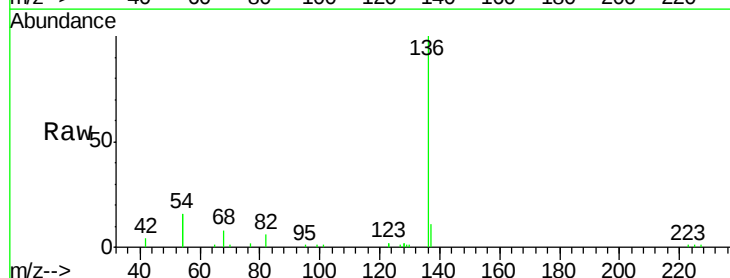
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 32.3 18.7 28.1#

68 8.4 5.2 7.8#

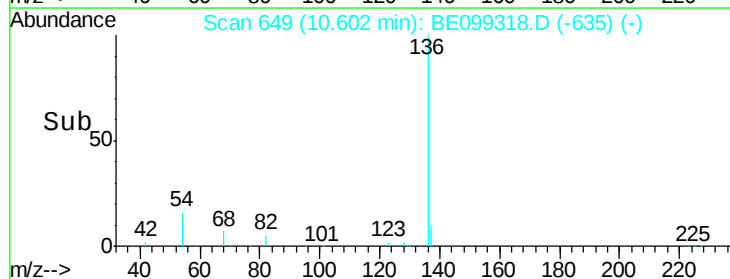
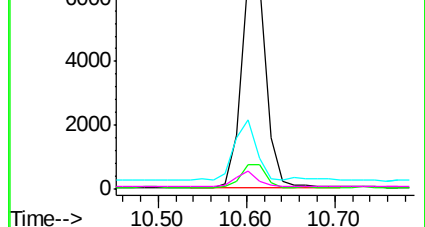


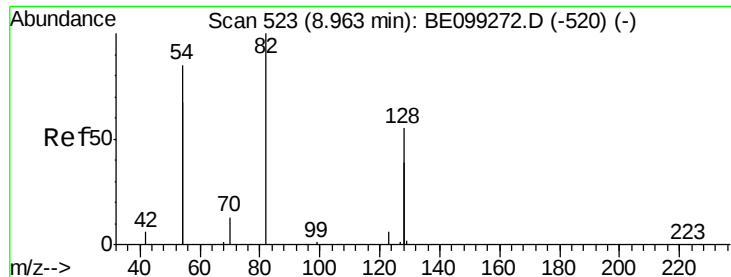
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.415 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099318.D

Acq: 12 Apr 2019 19:47

Instrument :

BNA_E

ClientSampleId :

SA-PZ147-20190409

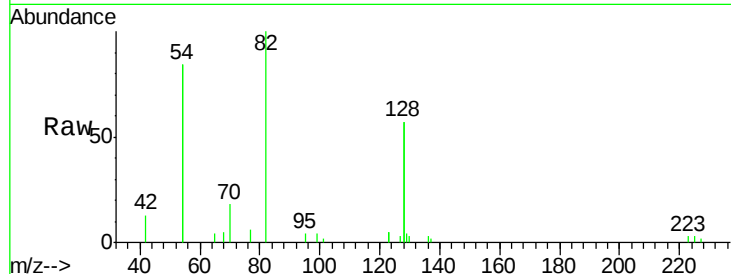
Tgt Ion: 82 Resp: 3737

Ion Ratio Lower Upper

82 100

128 114.3 107.5 161.3

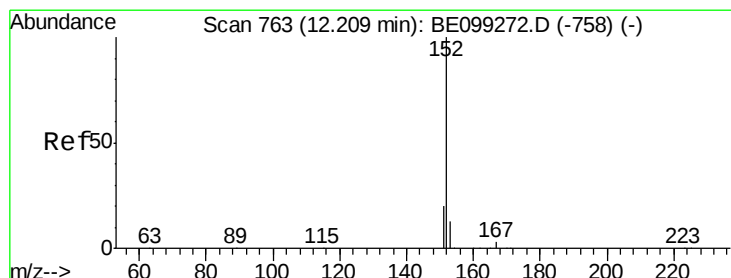
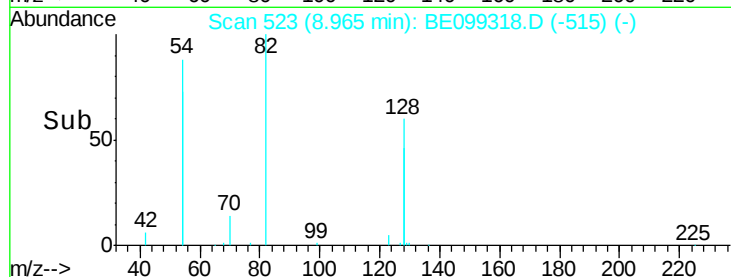
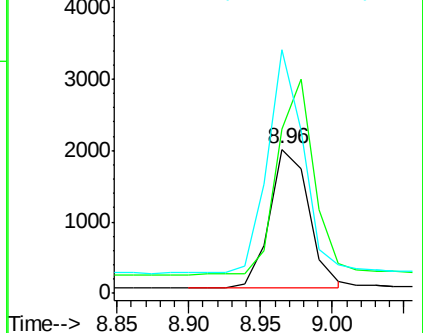
54 168.9 106.3 159.5#



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: 0.363 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099318.D

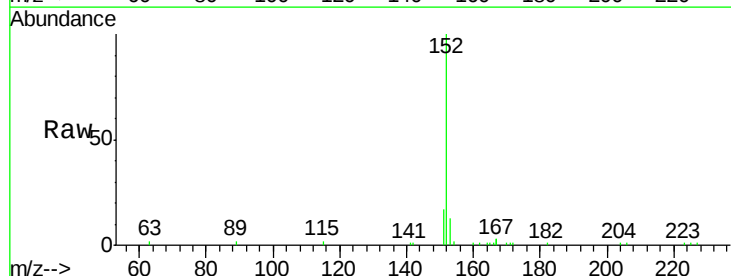
Acq: 12 Apr 2019 19:47

Tgt Ion: 152 Resp: 8313

Ion Ratio Lower Upper

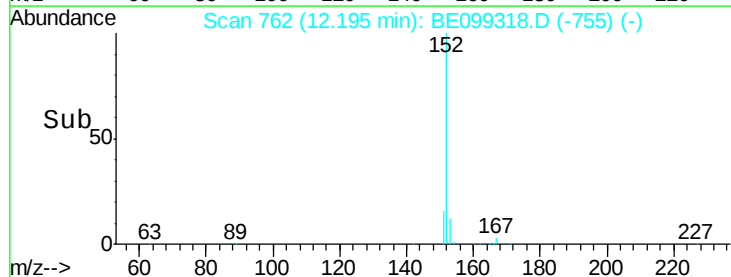
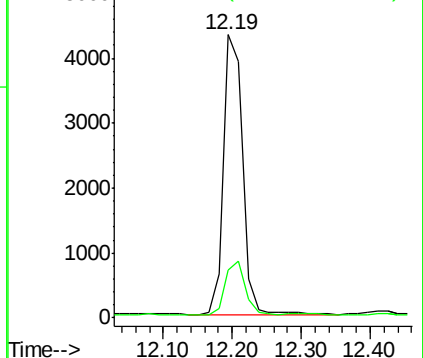
152 100

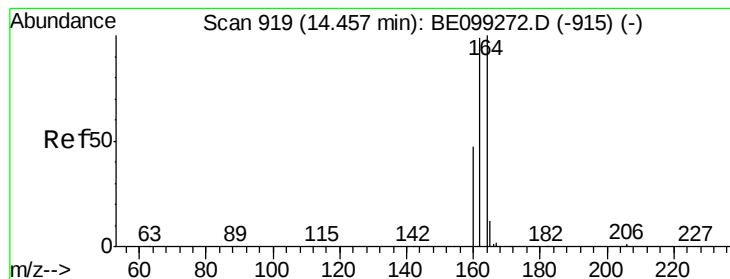
151 20.1 15.0 22.6



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: BE099318.D

Acq: 12 Apr 2019 19:47

Instrument :

BNA_E

ClientSampleId :

SA-PZ147-20190409

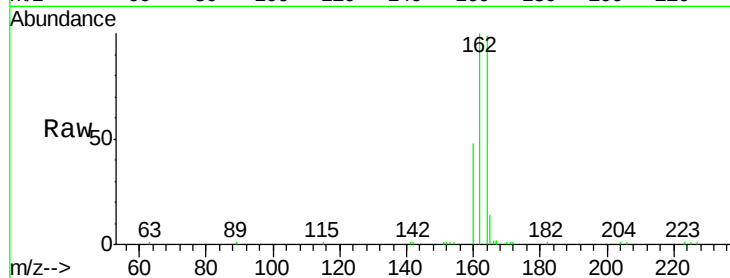
Tgt Ion:164 Resp: 9659

Ion Ratio Lower Upper

164 100

162 100.8 79.2 118.8

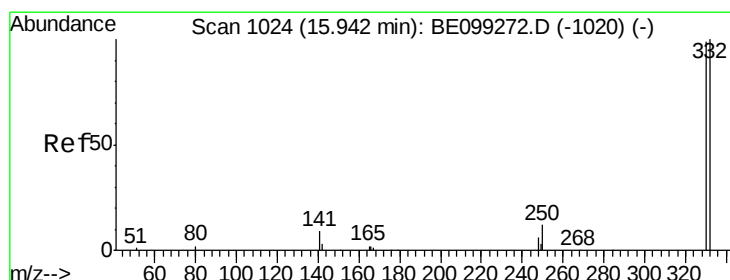
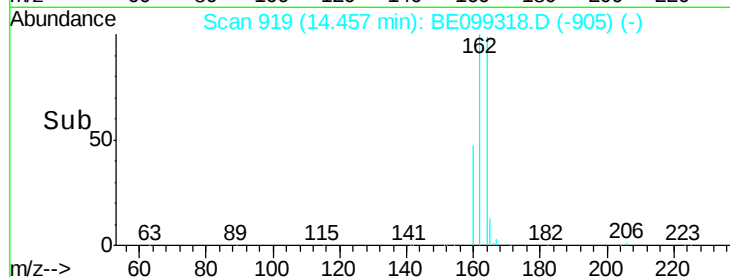
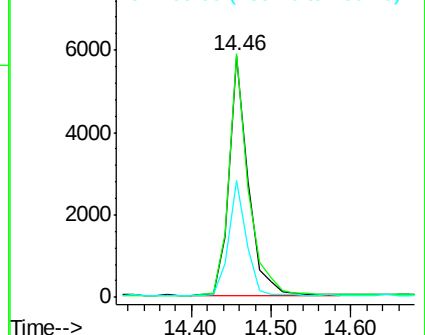
160 48.2 36.7 55.1



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: 0.338 ng

RT: 15.93 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BE099318.D

Acq: 12 Apr 2019 19:47

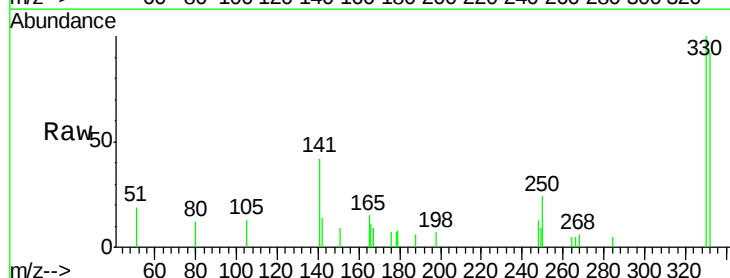
Tgt Ion:330 Resp: 1506

Ion Ratio Lower Upper

330 100

332 96.2 71.3 106.9

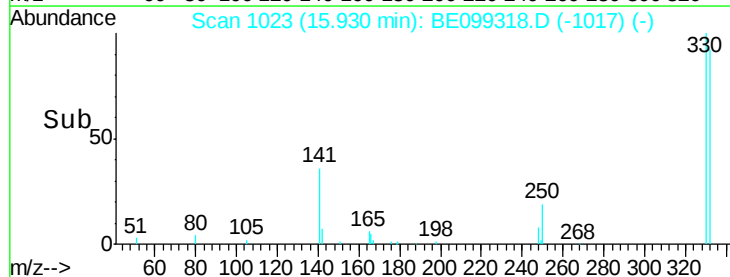
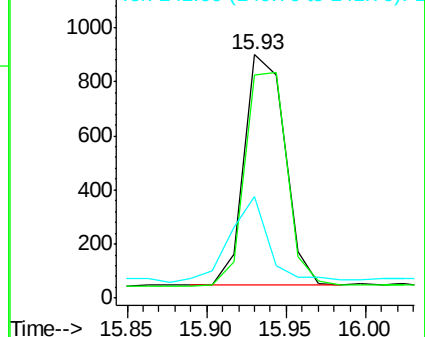
141 36.4 21.7 32.5#

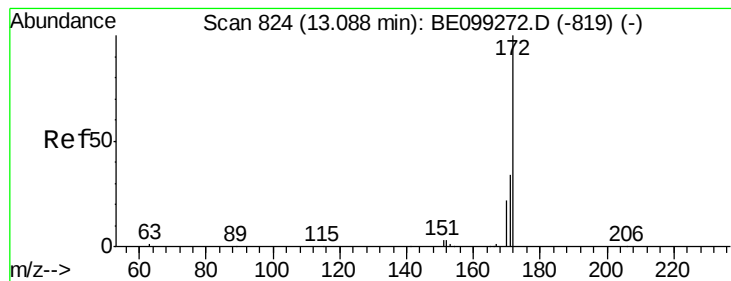


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

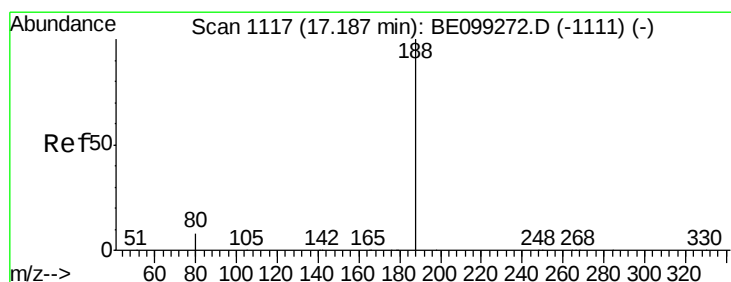
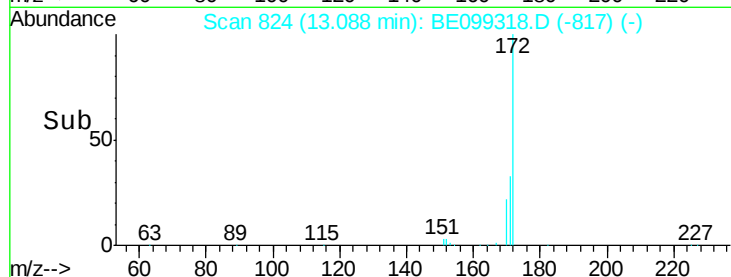
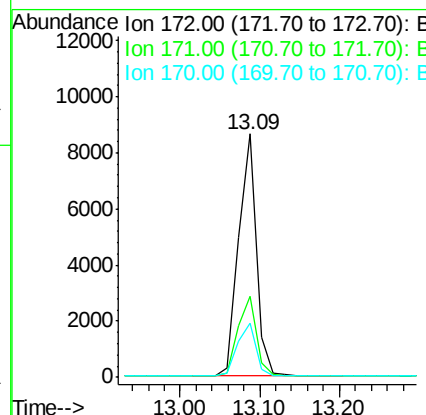
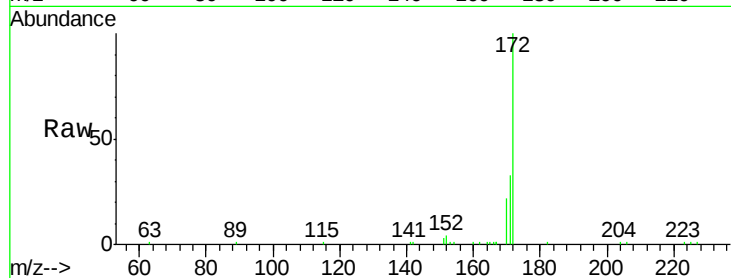




#15
 2-Fluorobiphenyl
 Concen: 0.352 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE099318.D
 Acq: 12 Apr 2019 19:47

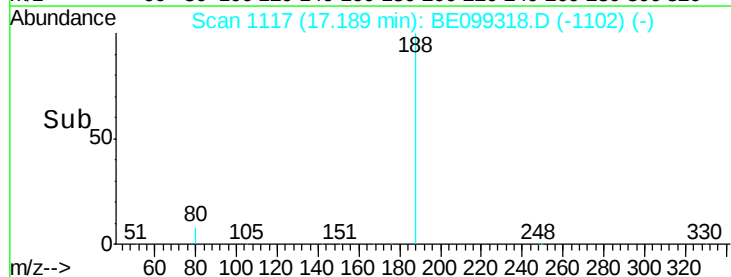
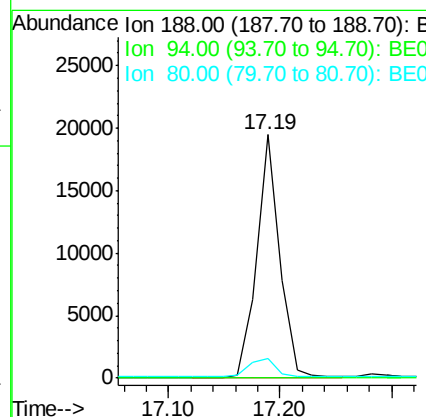
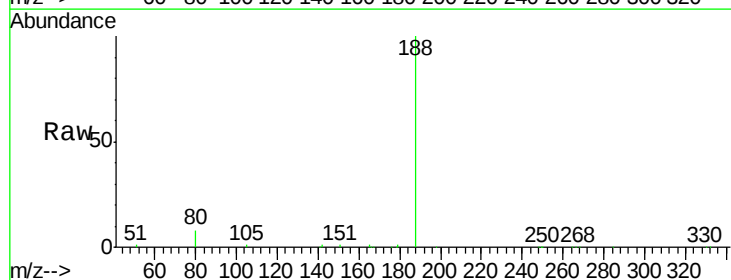
Instrument :
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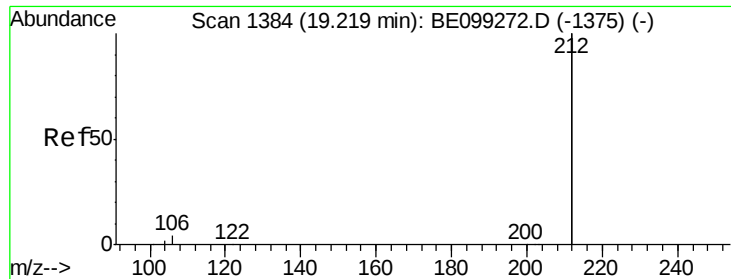
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.2	27.4	41.0
170	22.5	19.1	28.7



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BE099318.D
 Acq: 12 Apr 2019 19:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	4.5	6.7#





#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099318.D

Acq: 12 Apr 2019 19:47

Instrument :

BNA_E

ClientSampleId :

SA-PZ147-20190409

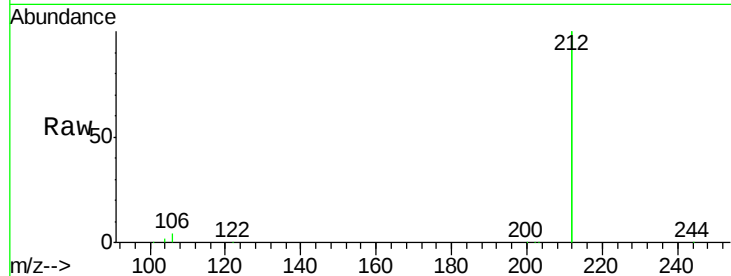
Tgt Ion:212 Resp: 150052

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

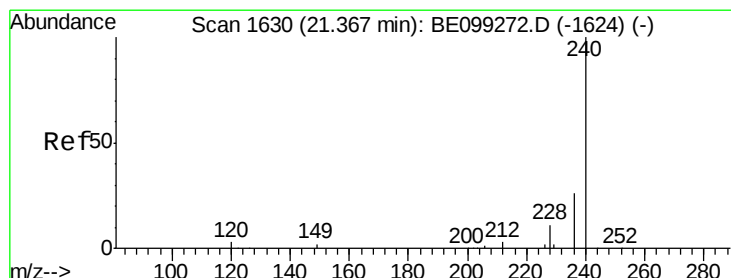
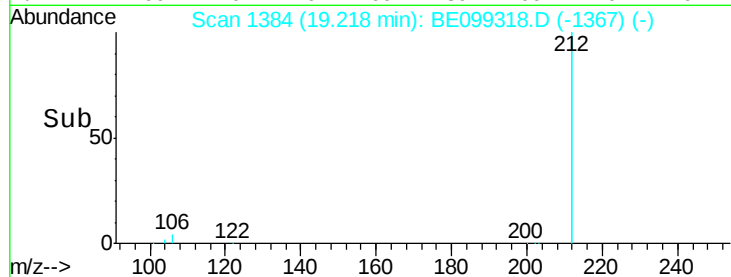
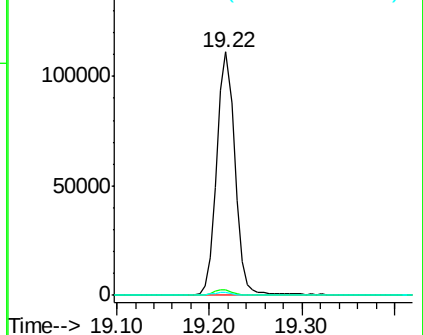
104 1.2 1.1 1.7



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: BE099318.D

Acq: 12 Apr 2019 19:47

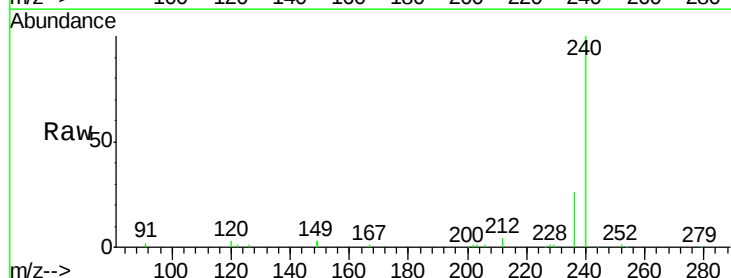
Tgt Ion:240 Resp: 39795

Ion Ratio Lower Upper

240 100

120 2.9 2.6 3.8

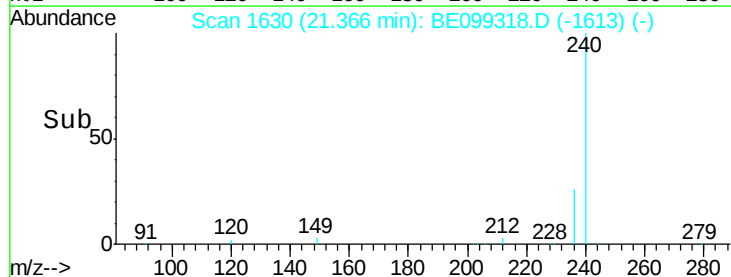
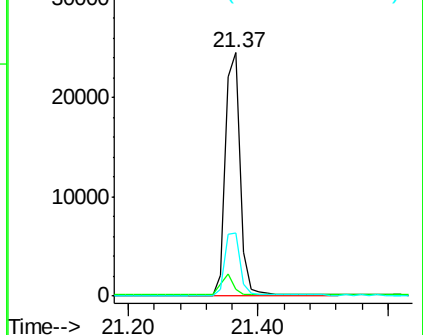
236 26.0 20.9 31.3

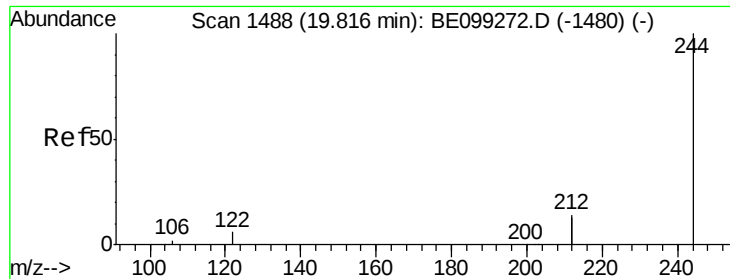


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

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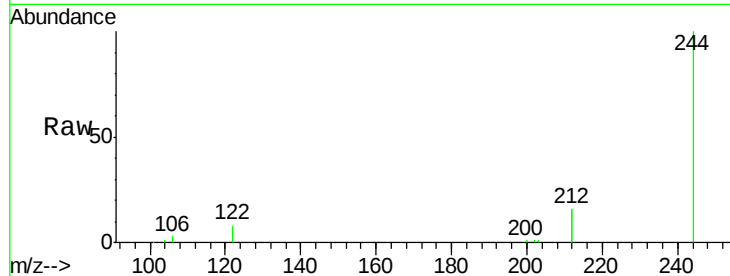
Tgt Ion:244 Resp: 29239

Ion Ratio Lower Upper

244 100

212 31.3 22.7 34.1

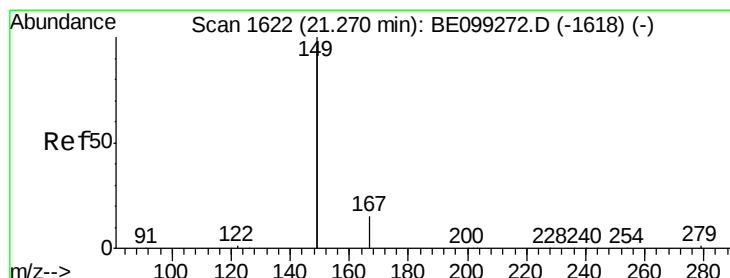
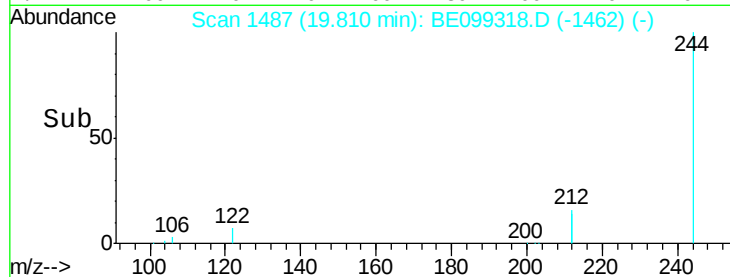
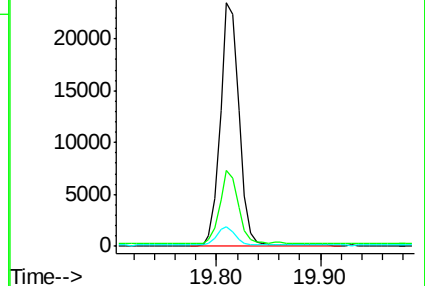
122 7.8 5.8 8.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.112 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099318.D

Acq: 12 Apr 2019 19:47

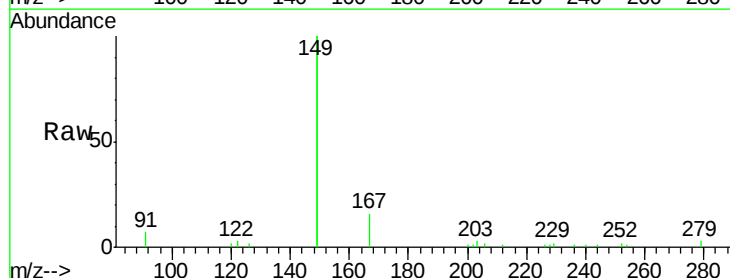
Tgt Ion:149 Resp: 17888

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

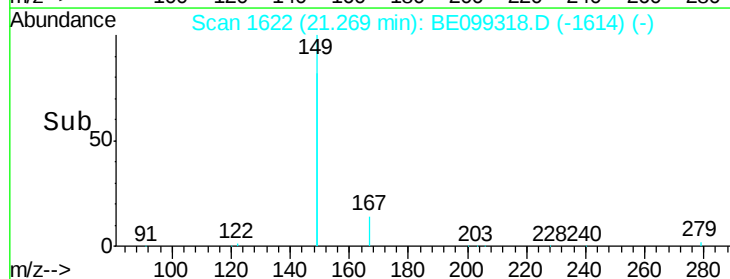
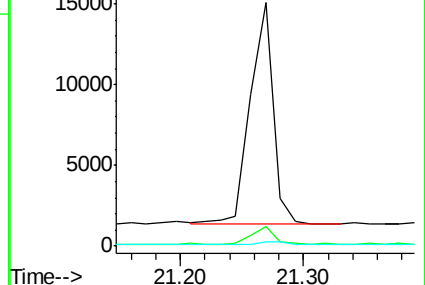
279 1.3 1.0 1.6

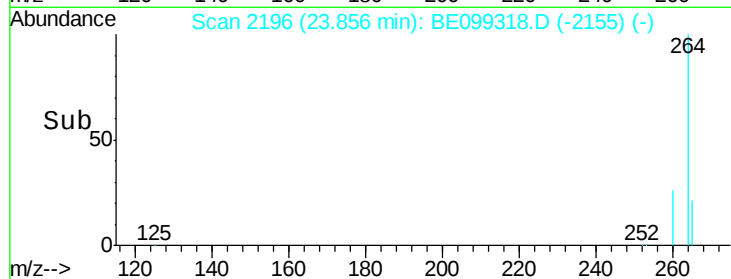
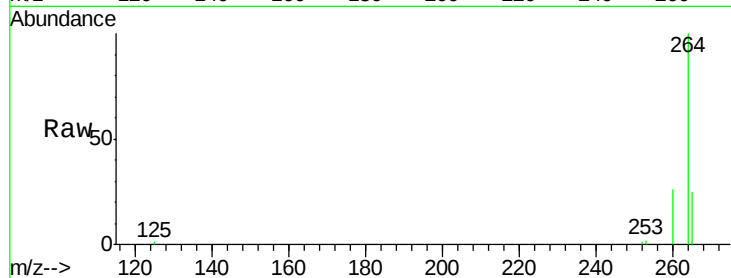
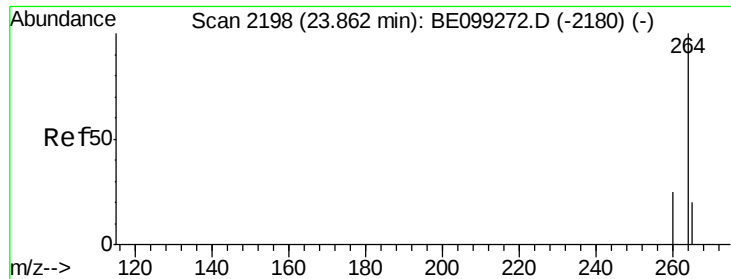


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2196

Delta R.T. -0.00 min

Lab File: BE099318.D

Acq: 12 Apr 2019 19:47

Instrument :

BNA_E

ClientSampleId :

SA-PZ147-20190409

Tgt Ion: 264 Resp: 39632

Ion Ratio Lower Upper

264 100

260 25.9 18.2 27.2

265 24.7 21.8 32.8

