

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099938.D
 Acq On : 11 Jun 2019 23:34
 Operator : JU/SJ
 Sample : K3255-07
 Misc : LOQ-WATER-0.2PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-20190604

Quant Time: Jun 12 03:46:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

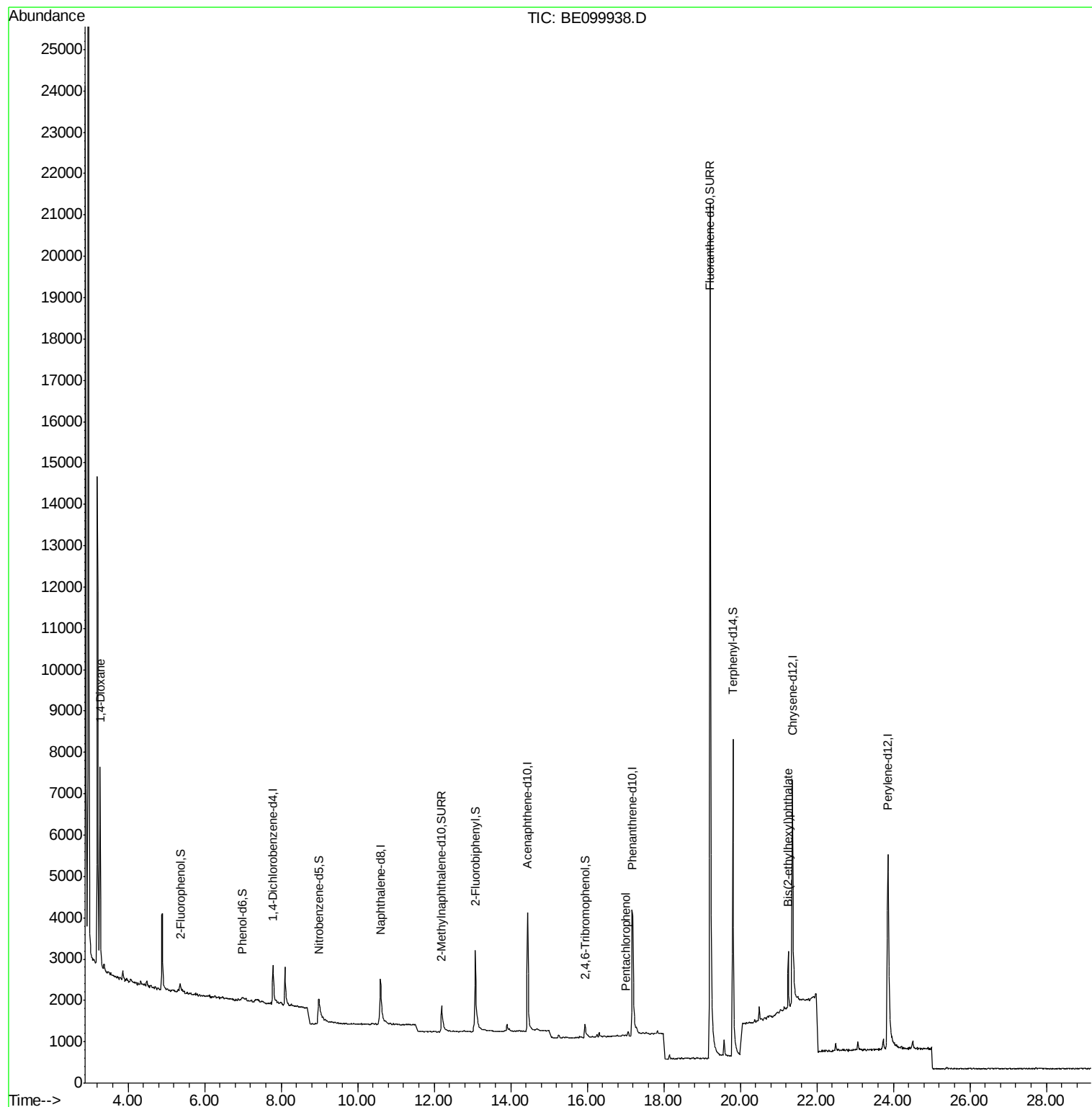
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	740	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2603	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2227	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	7695	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	9342	0.40	ng	-0.04
34) Perylene-d12	23.86	264	10796	0.40	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	273	0.14	ng	0.01
5) Phenol-d6	6.99	99	166	0.06	ng	0.02
8) Nitrobenzene-d5	8.98	82	822	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	1649	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	430	0.26	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	3333	0.39	ng	-0.03
25) Fluoranthene-d10	19.21	212	39455	0.35	ng	-0.04
29) Terphenyl-d14	19.80	244	9950	0.59	ng	-0.05
Target Compounds						
2) 1,4-Dioxane	3.27	88	3956	3.612	ng	93
22) Pentachlorophenol	17.00	266	6	0.303	ng	83
32) Bis(2-ethylhexyl)phthalate	21.26	149	1886	0.047	ng	# 97

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

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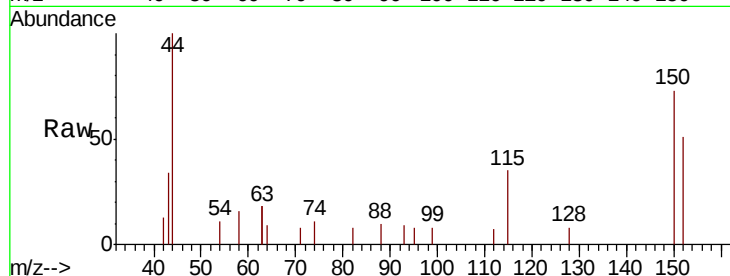


#1

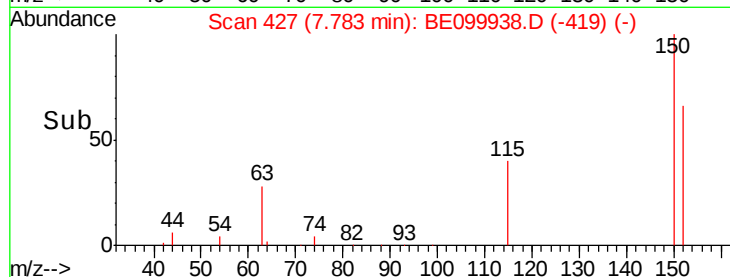
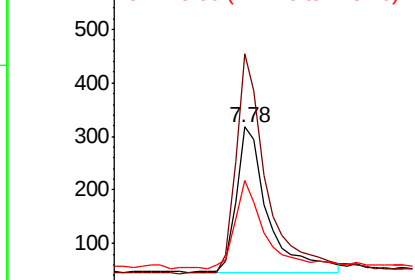
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099938.D
Acq: 11 Jun 2019 23:34

Instrument :
BNA_E
ClientSampleId :
RE108D1-20190604

Tgt Ion: 152 Resp: 740
Ion Ratio Lower Upper
152 100
150 142.8 111.0 166.6
115 68.2 50.7 76.1



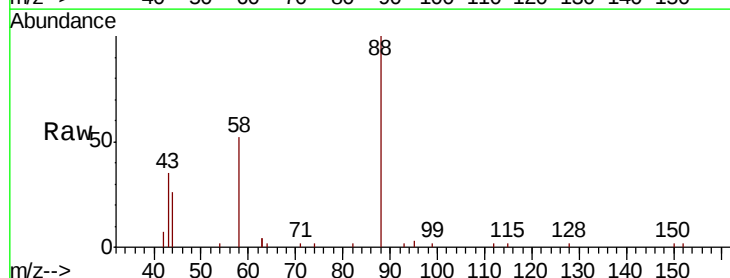
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



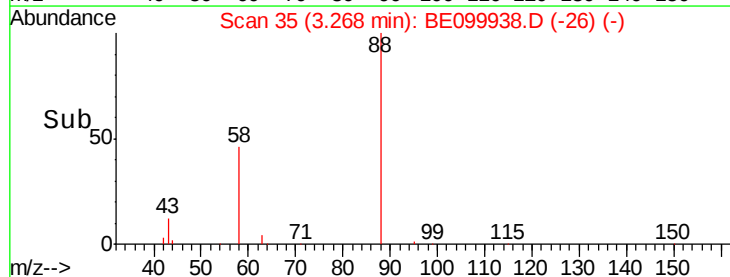
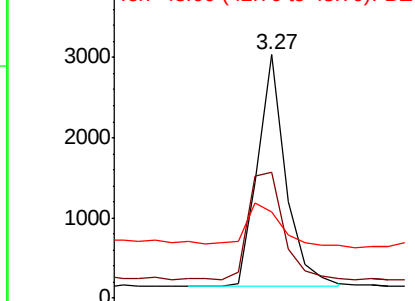
#2

1,4-Dioxane
Concen: 3.612 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099938.D
Acq: 11 Jun 2019 23:34

Tgt Ion: 88 Resp: 3956
Ion Ratio Lower Upper
88 100
58 55.8 48.8 73.2
43 21.0 19.0 28.6



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.137 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190604

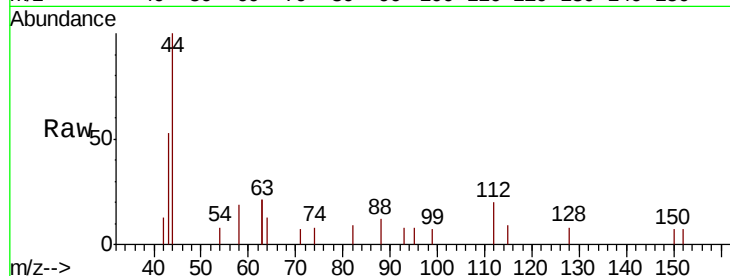
Tgt Ion: 112 Resp: 273

Ion Ratio Lower Upper

112 100

64 44.3 44.1 66.1

63 120.5 87.8 131.6

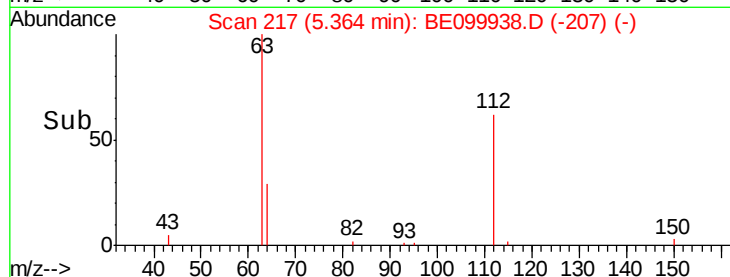


Abundance Ion 112.00 (111.70 to 112.70): BE0

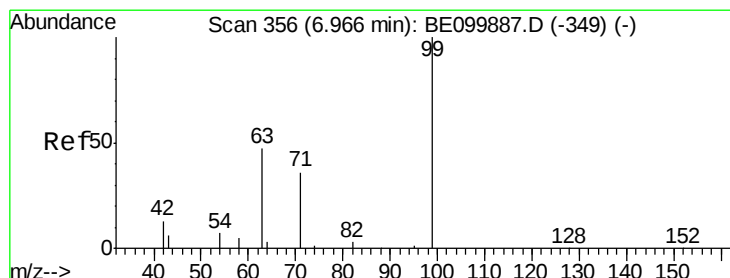
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



Time-->



#5

Phenol-d6

Concen: 0.065 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

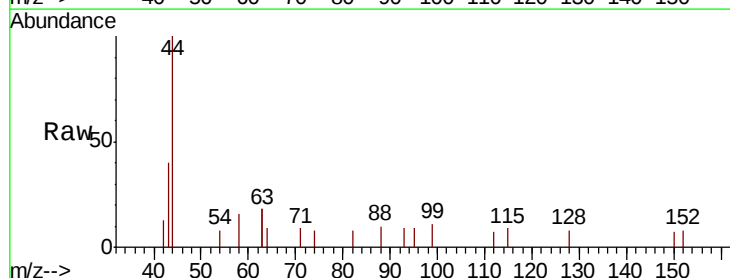
Tgt Ion: 99 Resp: 166

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 51.8 34.6 52.0

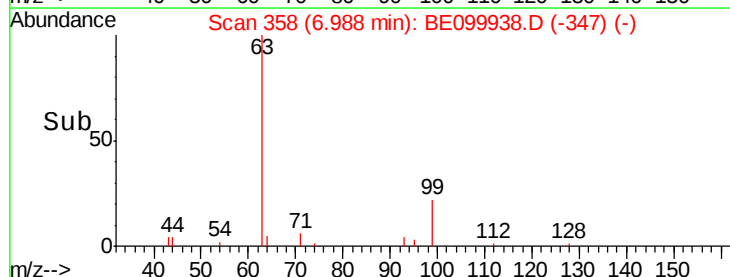


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190604

Tgt Ion: 136 Resp: 2603

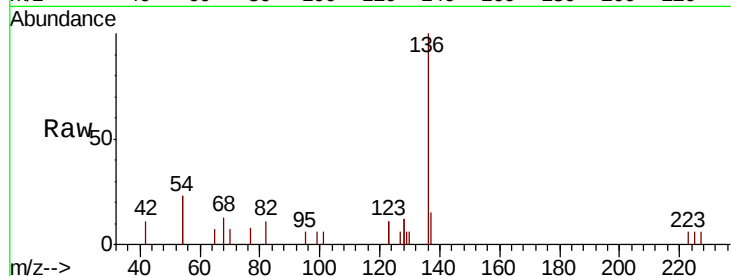
Ion Ratio Lower Upper

136 100

137 15.4 12.3 18.5

54 46.4 28.2 42.4#

68 12.9 7.8 11.8#

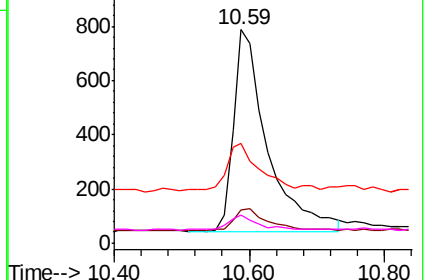
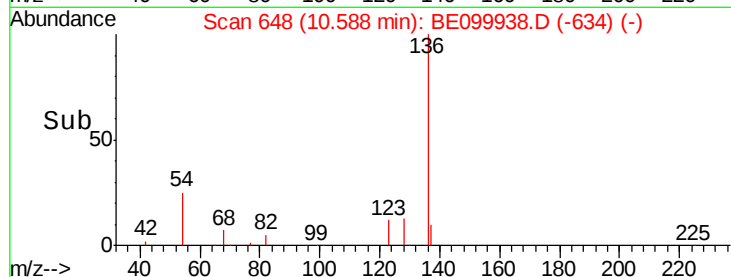


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.334 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

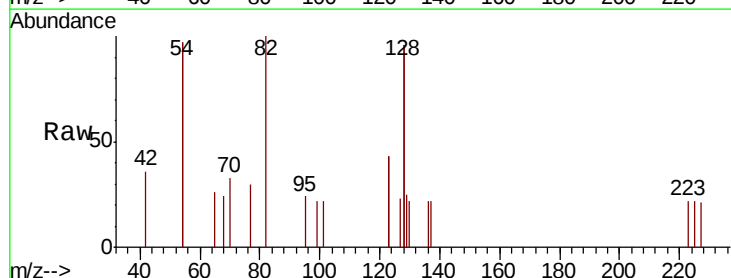
Tgt Ion: 82 Resp: 822

Ion Ratio Lower Upper

82 100

128 192.4 137.3 205.9

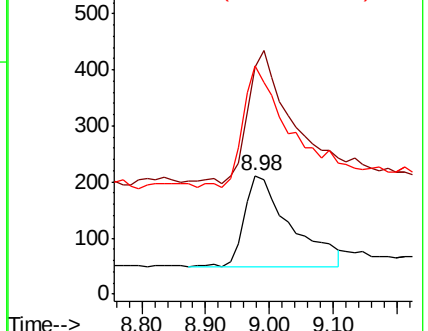
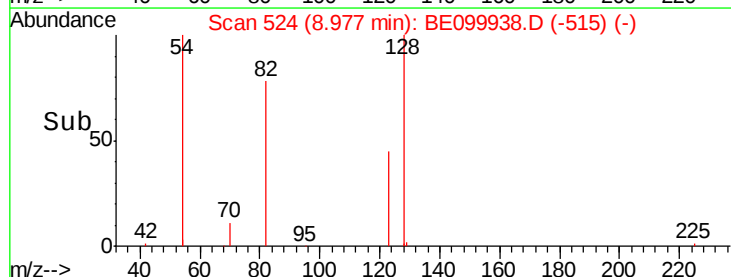
54 193.4 129.7 194.5

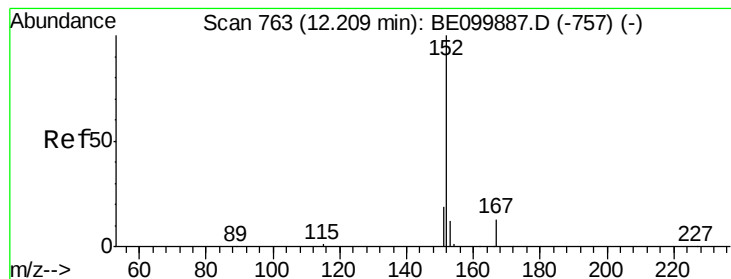


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

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. -0.01 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

Instrument :

BNA_E

ClientSampleId :

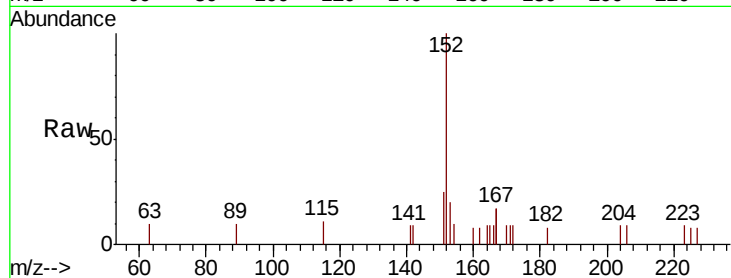
RE108D1-20190604

Tgt Ion:152 Resp: 1649

Ion Ratio Lower Upper

152 100

151 17.8 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

600

500

400

300

200

100

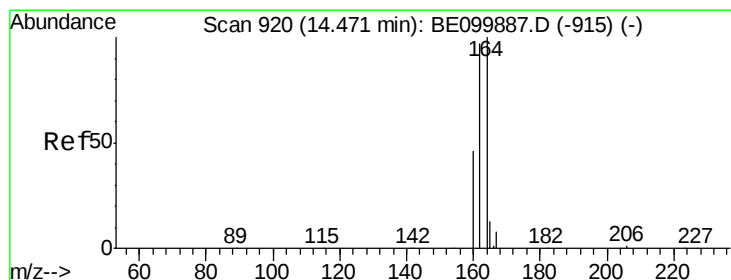
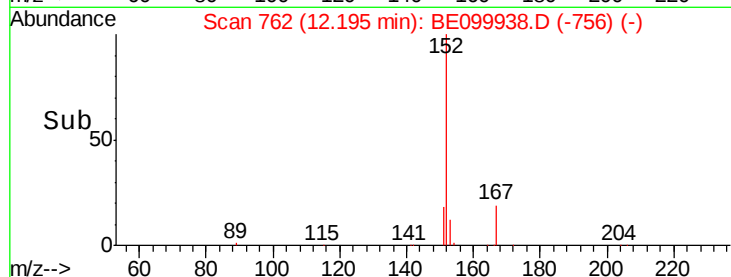
0

12.19

12.20

12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.03 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

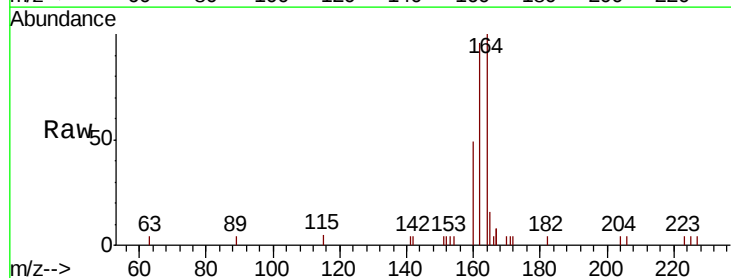
Tgt Ion:164 Resp: 2227

Ion Ratio Lower Upper

164 100

162 96.1 77.8 116.8

160 48.9 38.2 57.4



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

1500

1000

500

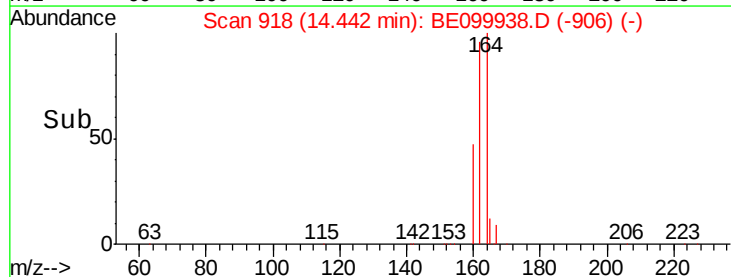
0

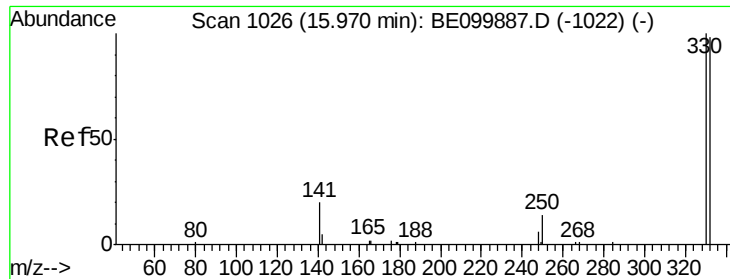
14.44

14.40

14.60

Time-->

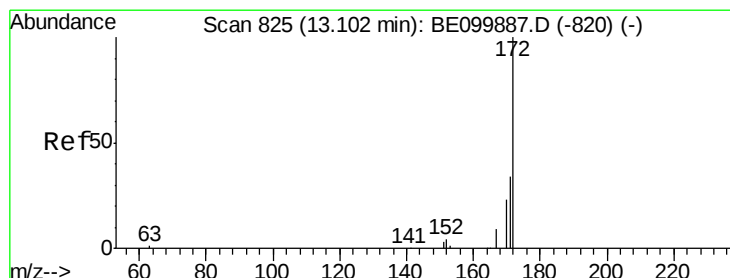
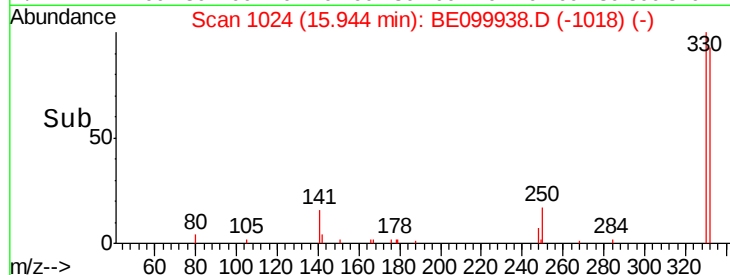
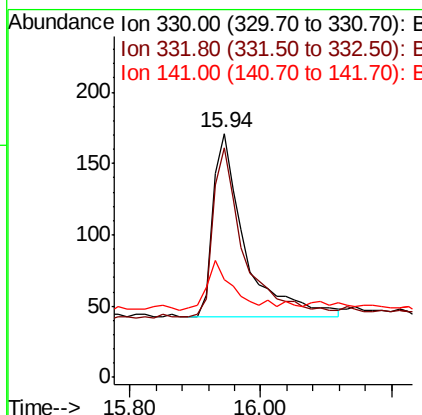
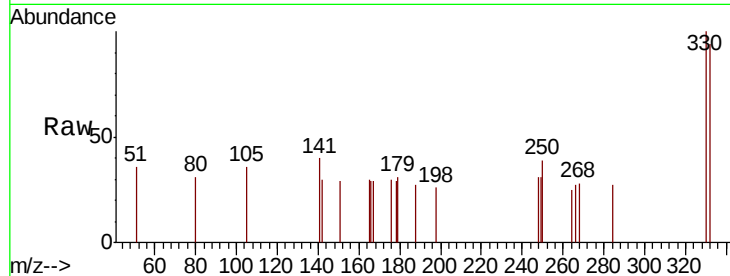




#14
 2,4,6-Tribromophenol
 Concen: 0.261 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BE099938.D
 Acq: 11 Jun 2019 23:34

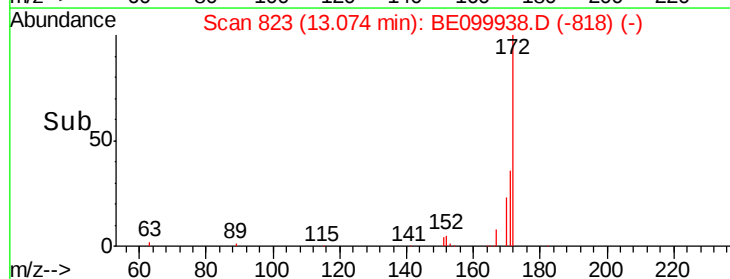
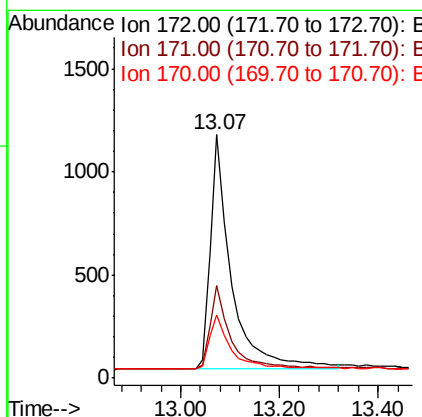
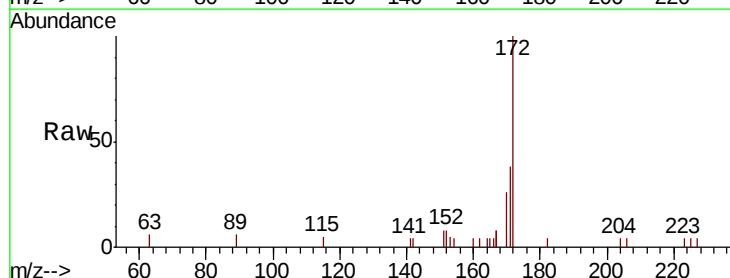
Instrument :
 BNA_E
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 RE108D1-20190604

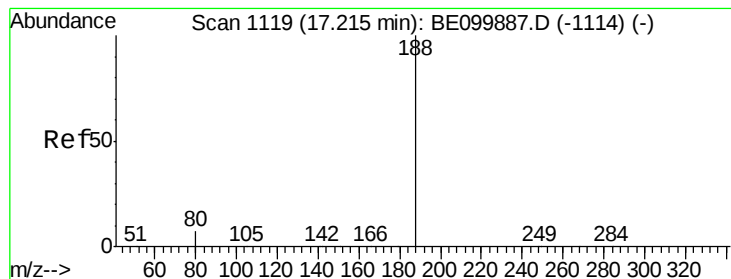
Tgt Ion: 330 Resp: 430
 Ion Ratio Lower Upper
 330 100
 332 89.8 76.7 115.1
 141 21.6 21.0 31.6



#15
 2-Fluorobiphenyl
 Concen: 0.395 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BE099938.D
 Acq: 11 Jun 2019 23:34

Tgt Ion: 172 Resp: 3333
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.2 43.8
 170 26.2 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190604

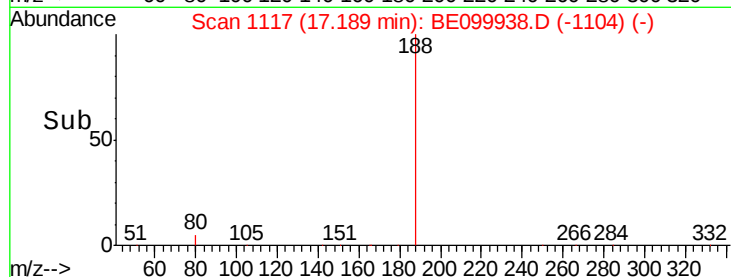
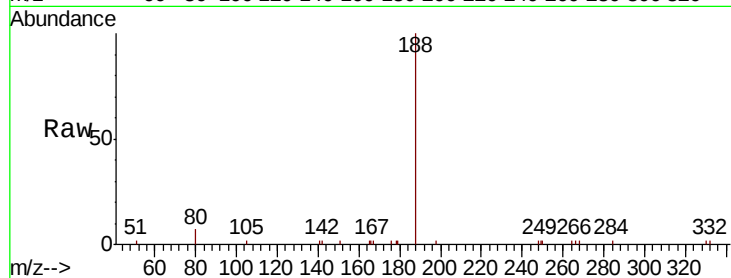
Tgt Ion:188 Resp: 7695

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

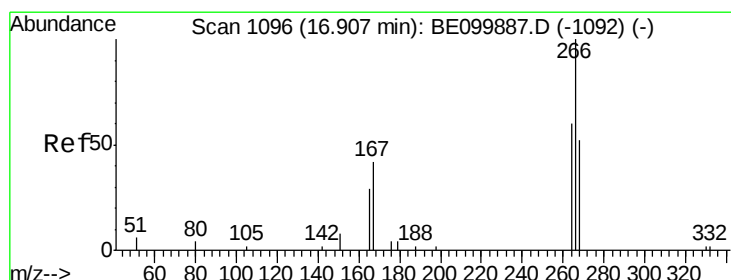
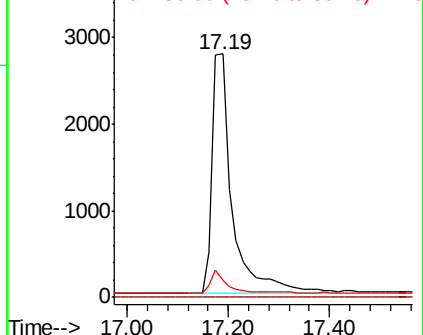
80 6.9 6.4 9.6



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: 0.303 ng

RT: 17.00 min Scan# 1103

Delta R.T. 0.09 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

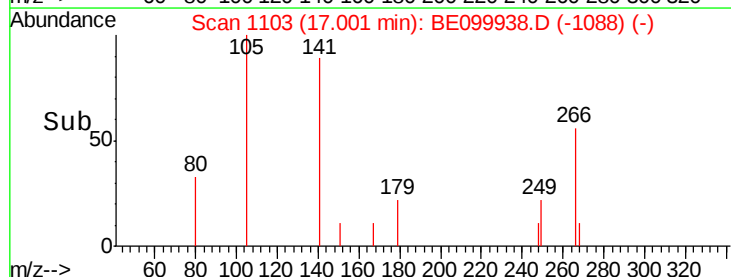
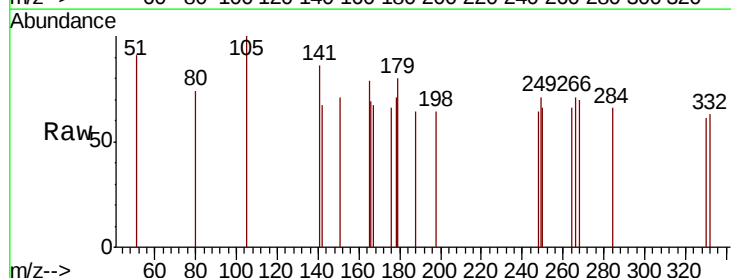
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 92.0 62.2 93.2

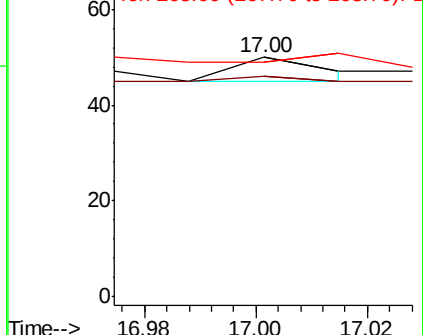
268 98.0 65.5 98.3

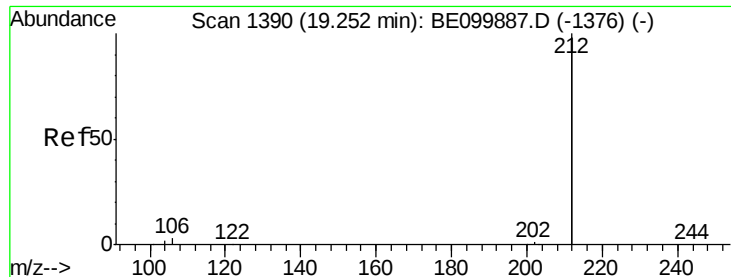


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

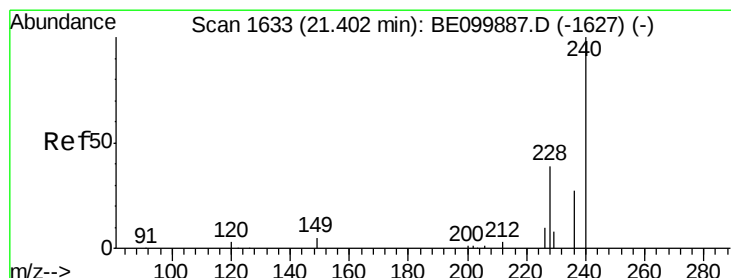
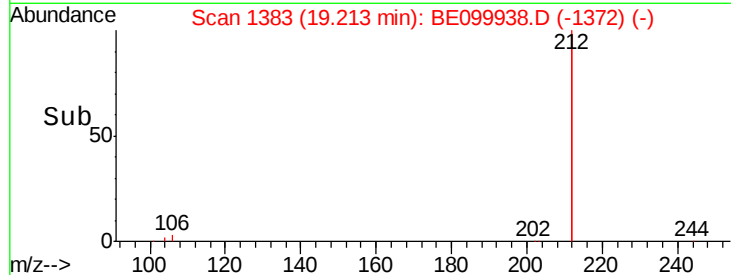
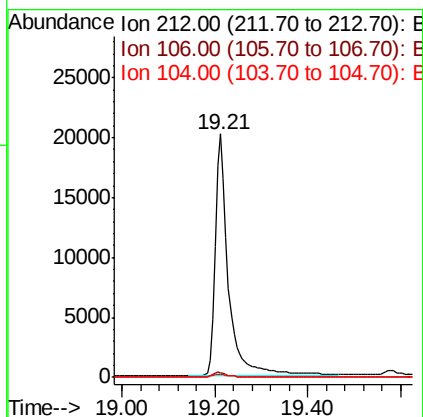
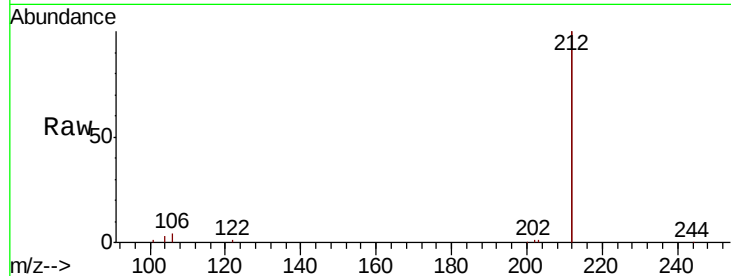




#25
 Fluoranthene-d10
 Concen: 0.352 ng
 RT: 19.21 min Scan# 1383
 Delta R.T. -0.04 min
 Lab File: BE099938.D
 Acq: 11 Jun 2019 23:34

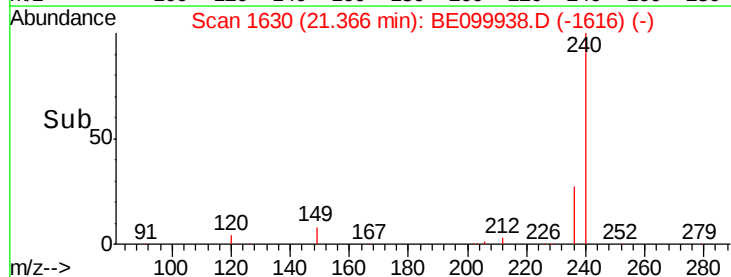
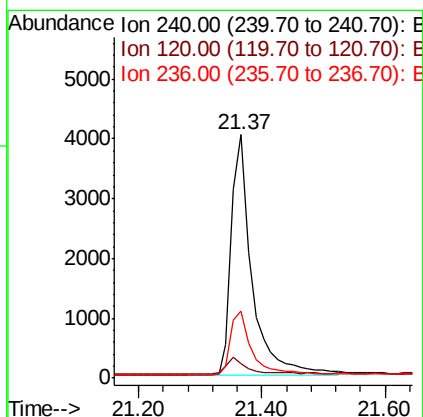
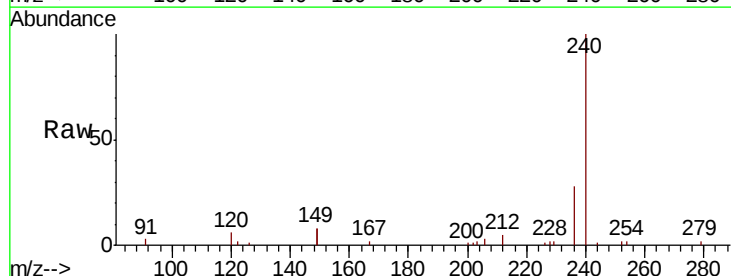
Instrument :
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 RE108D1-20190604

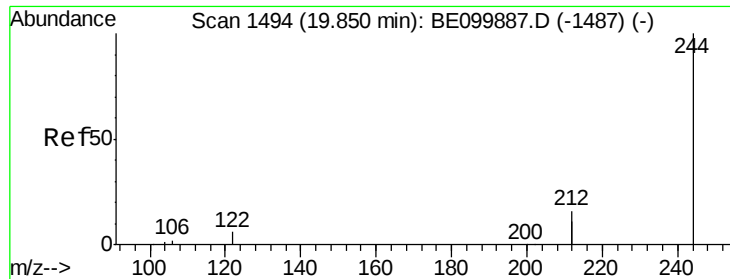
Tgt Ion:212 Resp: 39455
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.1 0.9 1.3



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.04 min
 Lab File: BE099938.D
 Acq: 11 Jun 2019 23:34

Tgt Ion:240 Resp: 9342
 Ion Ratio Lower Upper
 240 100
 120 5.7 3.8 5.6#
 236 27.7 22.0 33.0





#29

Terphenyl-d14

Concen: 0.592 ng

RT: 19.80 min Scan# 1486

Delta R.T. -0.05 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190604

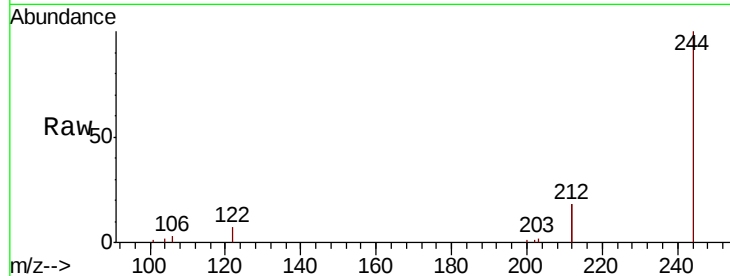
Tgt Ion:244 Resp: 9950

Ion Ratio Lower Upper

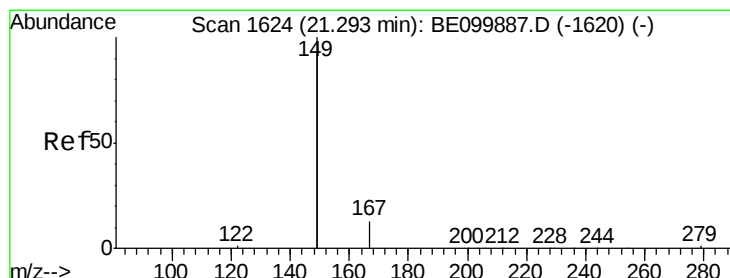
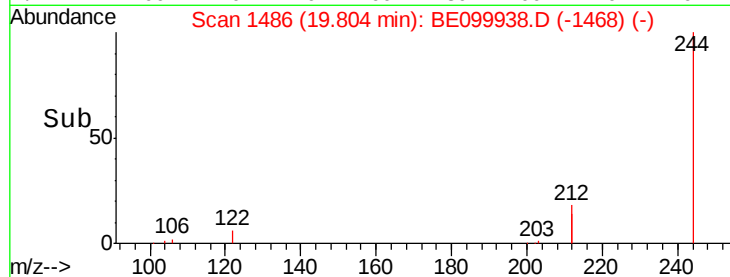
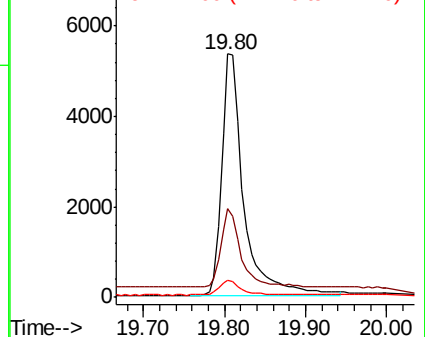
244 100

212 36.4 25.7 38.5

122 7.1 5.5 8.3



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: 0.047 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

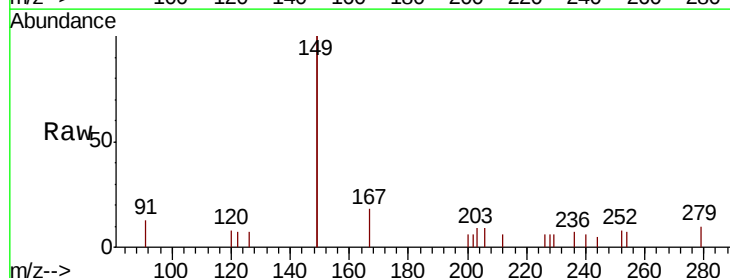
Tgt Ion:149 Resp: 1886

Ion Ratio Lower Upper

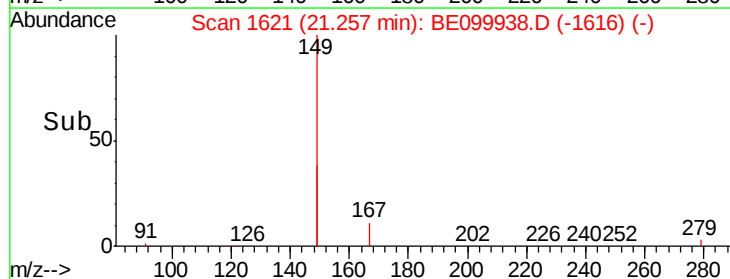
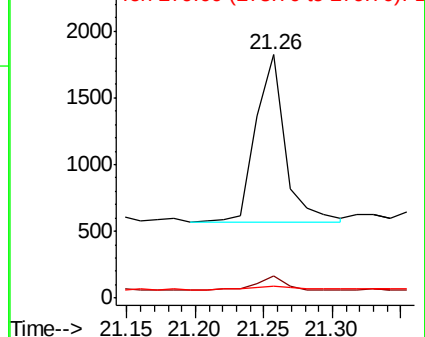
149 100

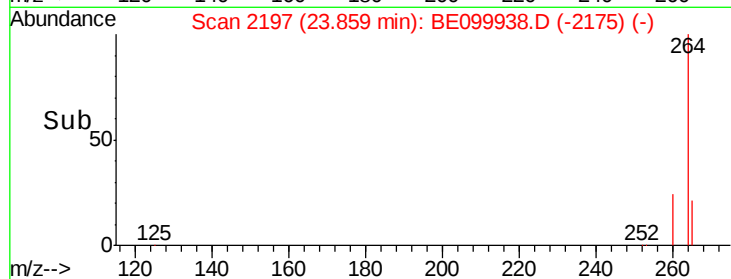
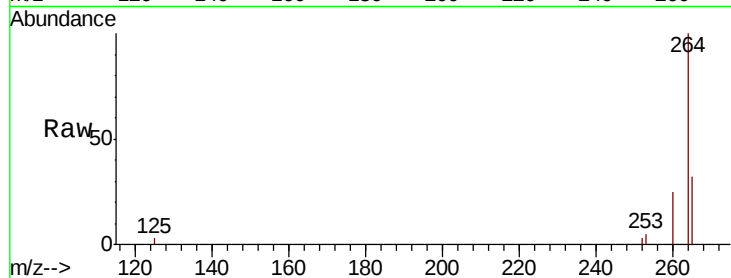
167 8.2 5.9 8.9

279 3.0 1.2 1.8#



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. -0.07 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190604

Tgt Ion: 264 Resp: 10796

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

265 31.9 22.0 33.0

