

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099969.D
 Acq On : 12 Jun 2019 22:50
 Operator : JU/SJ
 Sample : K3255-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE117D1-20190603

Quant Time: Jun 13 04:11:35 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

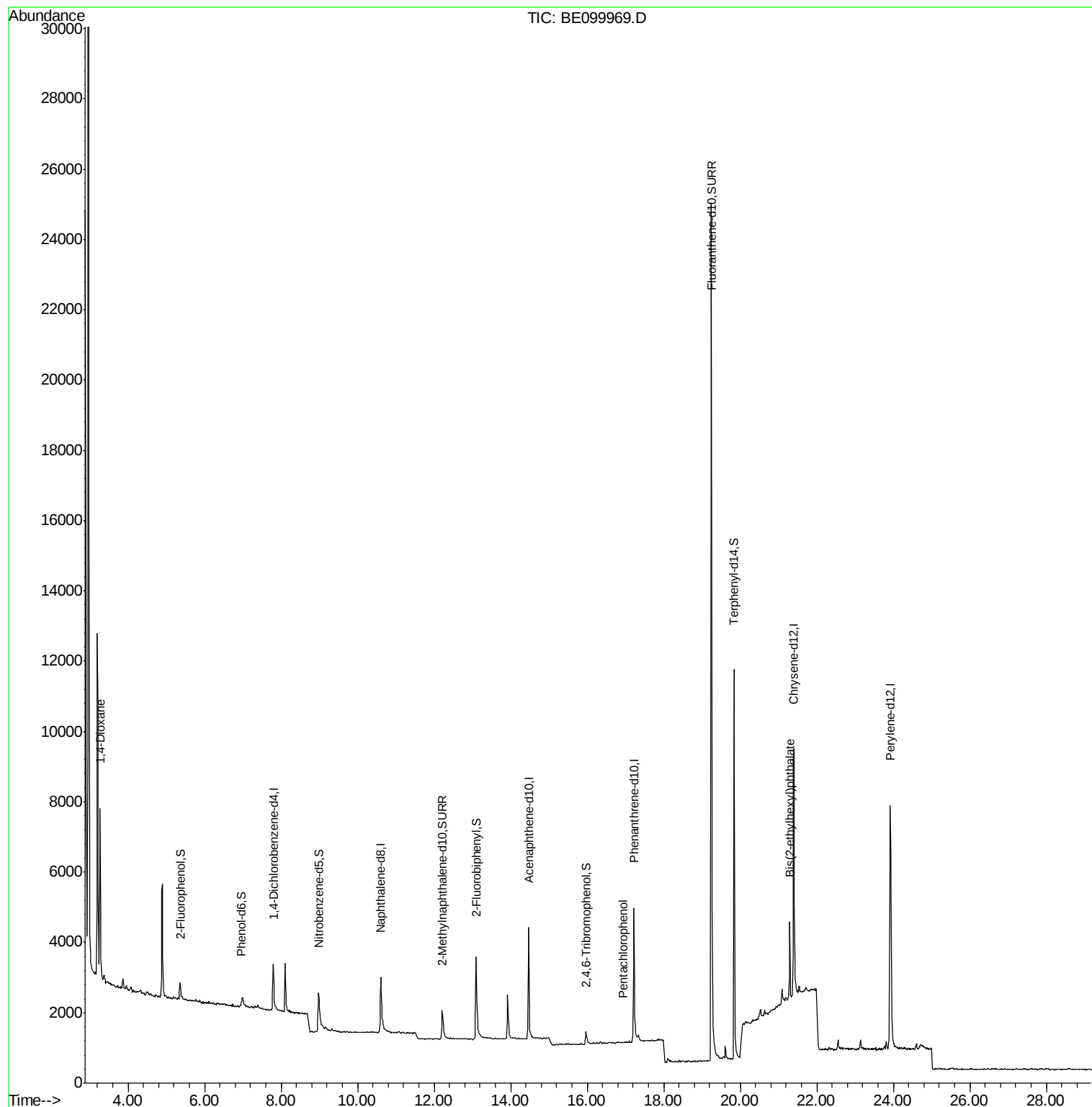
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	922	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3196	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2484	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7556	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10459	0.40	ng	0.00
34) Perylene-d12	23.92	264	12232	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	432	0.17	ng	0.00
5) Phenol-d6	6.96	99	330	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	1174	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1832	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	386	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3949	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	38488	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	11216	0.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	4015	2.942	ng	93
22) Pentachlorophenol	16.93	266	5	0.302	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.29	149	2656	0.059	ng	# 99

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

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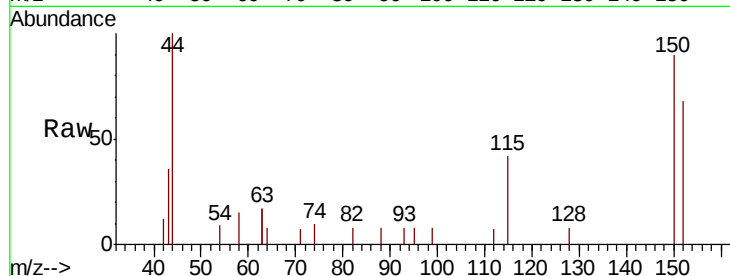


#1

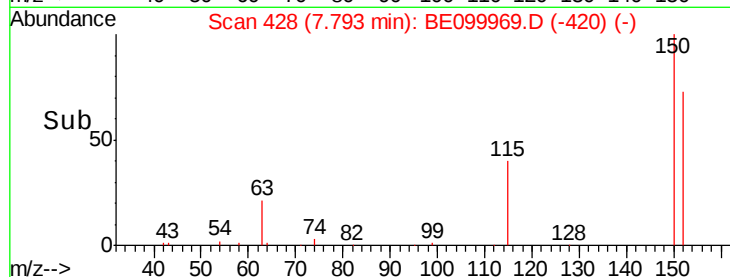
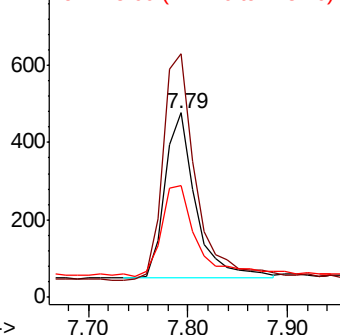
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099969.D
Acq: 12 Jun 2019 22:50

Instrument :
BNA_E
ClientSampleId :
RE117D1-20190603

Tgt Ion:152 Resp: 922
Ion Ratio Lower Upper
152 100
150 132.1 111.0 166.6
115 60.9 50.7 76.1



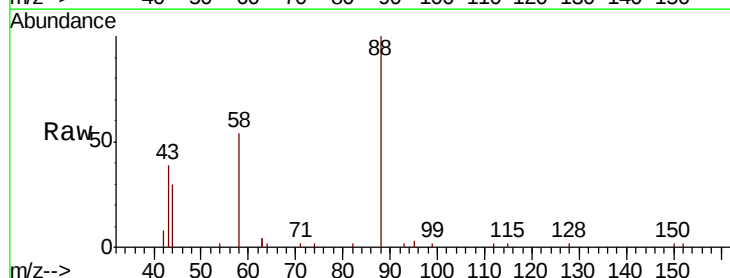
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



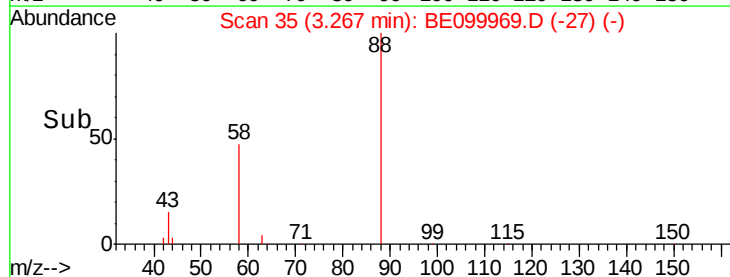
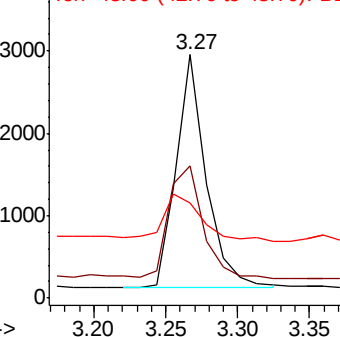
#2

1,4-Dioxane
Concen: 2.942 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099969.D
Acq: 12 Jun 2019 22:50

Tgt Ion: 88 Resp: 4015
Ion Ratio Lower Upper
88 100
58 55.5 48.8 73.2
43 26.9 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: 0.174 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099969.D

Acq: 12 Jun 2019 22:50

Instrument :

BNA_E

ClientSampleId :

RE117D1-20190603

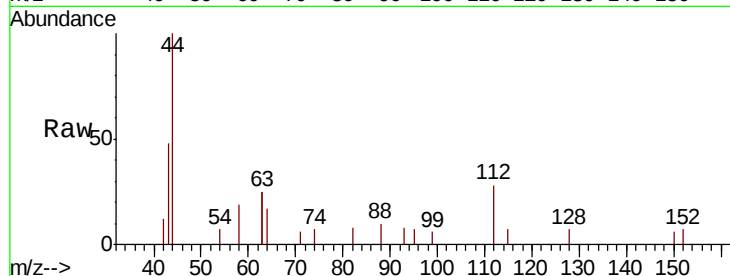
Tgt Ion: 112 Resp: 432

Ion Ratio Lower Upper

112 100

64 58.3 44.1 66.1

63 114.6 87.8 131.6



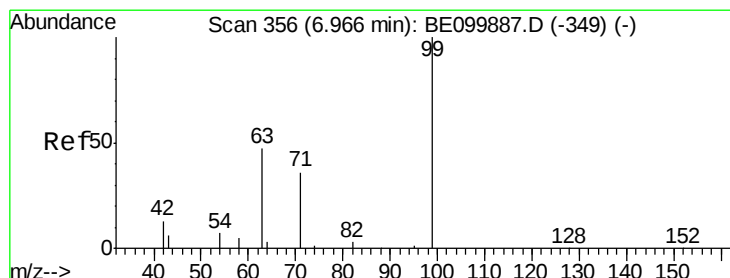
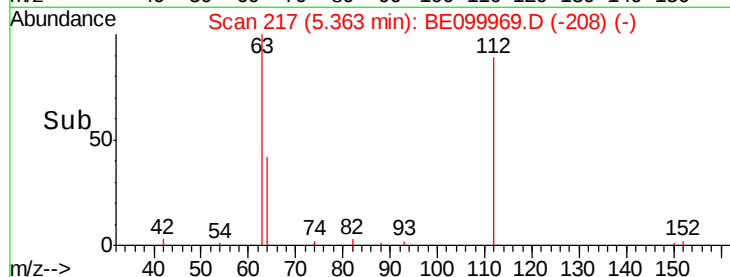
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->

5.20 5.30 5.40 5.50



#5

Phenol-d6

Concen: 0.103 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099969.D

Acq: 12 Jun 2019 22:50

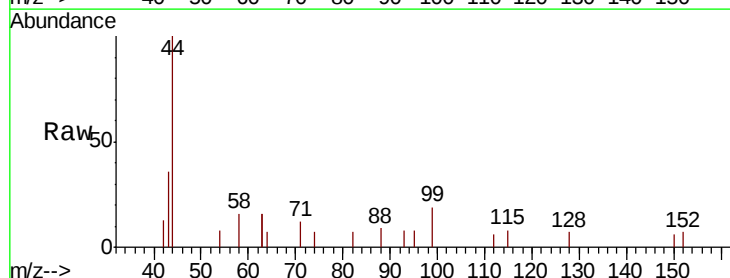
Tgt Ion: 99 Resp: 330

Ion Ratio Lower Upper

99 100

42 12.4 15.9 23.9#

71 36.1 34.6 52.0



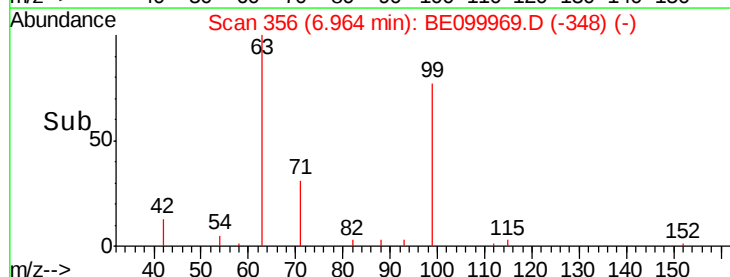
Abundance Ion 99.00 (98.70 to 99.70): BE0

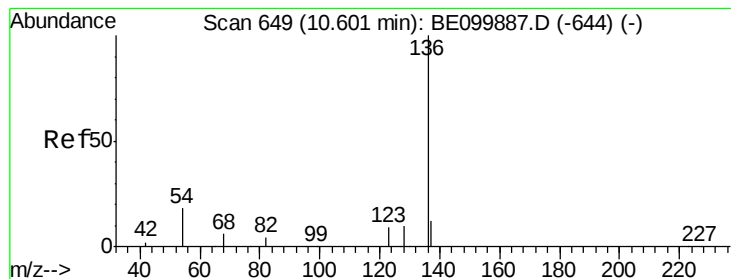
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->

6.90 7.00 7.10





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099969.D

Acq: 12 Jun 2019 22:50

Instrument :

BNA_E

ClientSampleId :

RE117D1-20190603

Tgt Ion: 136 Resp: 3196

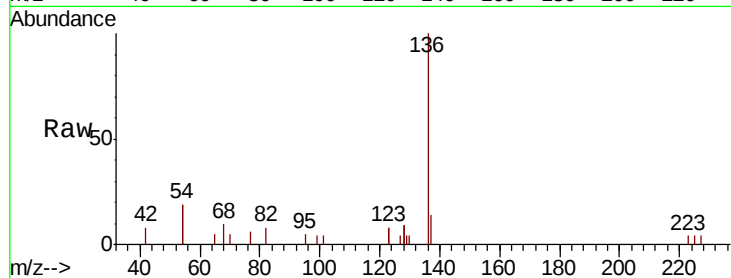
Ion Ratio Lower Upper

136 100

137 14.2 12.3 18.5

54 37.6 28.2 42.4

68 9.6 7.8 11.8

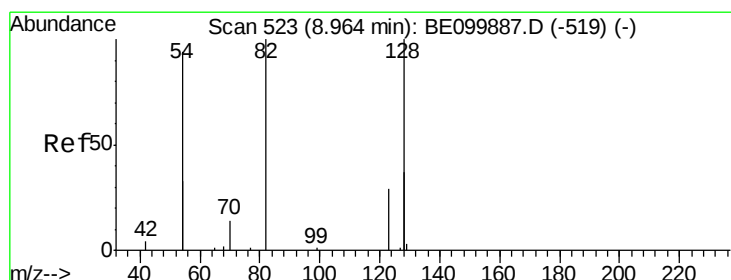
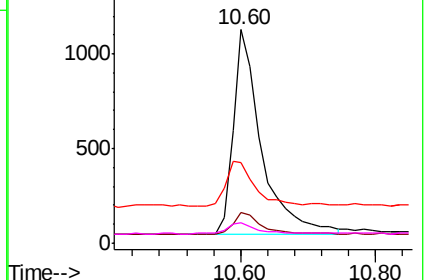
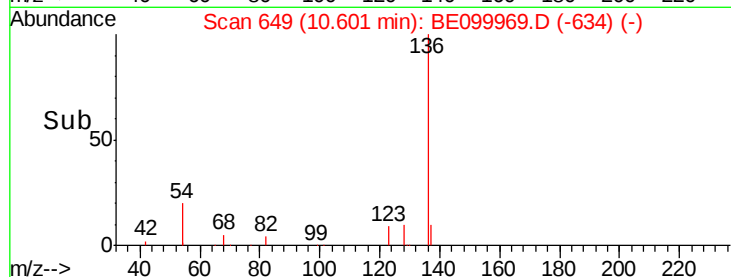


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.388 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099969.D

Acq: 12 Jun 2019 22:50

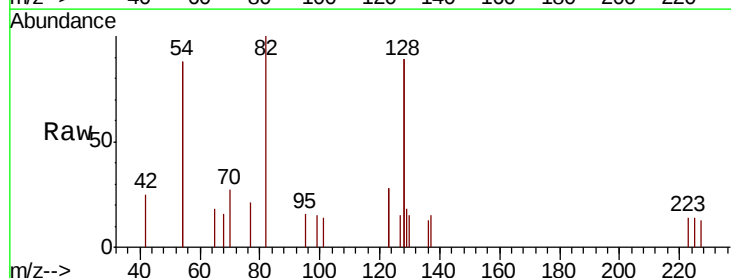
Tgt Ion: 82 Resp: 1174

Ion Ratio Lower Upper

82 100

128 177.6 137.3 205.9

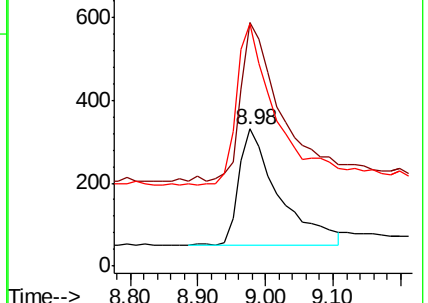
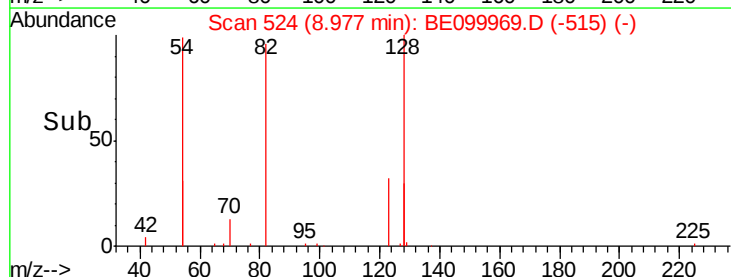
54 176.4 129.7 194.5

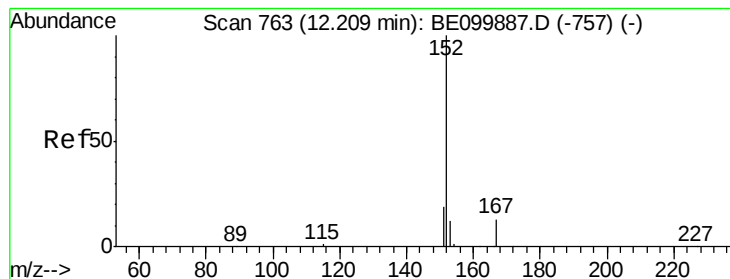


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.329 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099969.D

Acq: 12 Jun 2019 22:50

Instrument :

BNA_E

ClientSampleId :

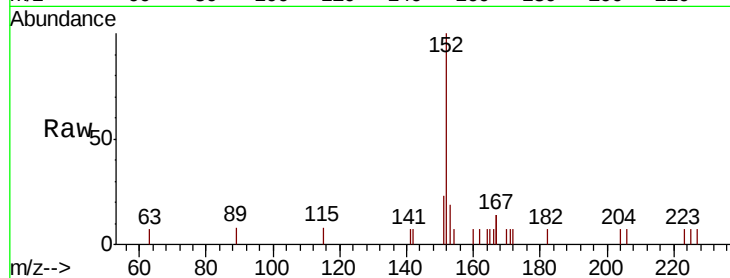
RE117D1-20190603

Tgt Ion:152 Resp: 1832

Ion Ratio Lower Upper

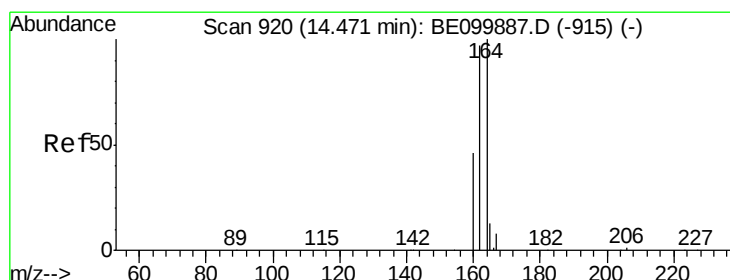
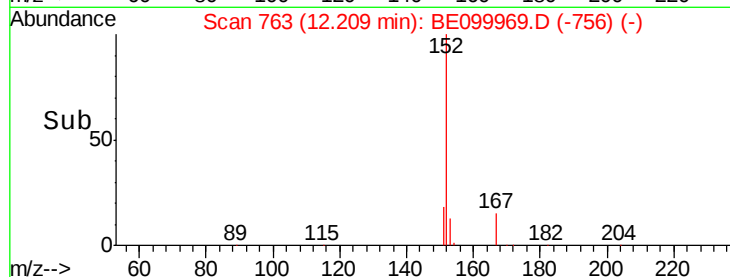
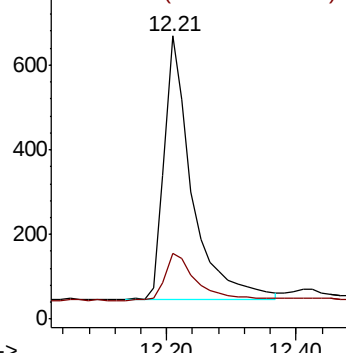
152 100

151 20.5 15.2 22.8



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: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099969.D

Acq: 12 Jun 2019 22:50

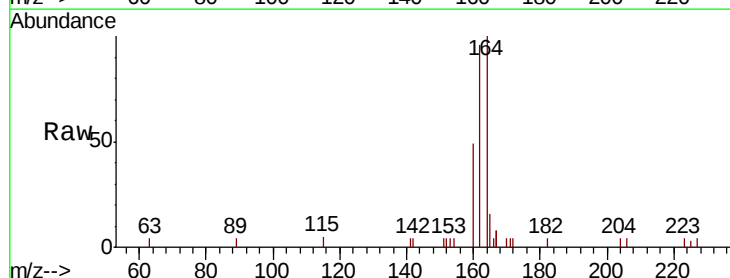
Tgt Ion:164 Resp: 2484

Ion Ratio Lower Upper

164 100

162 95.7 77.8 116.8

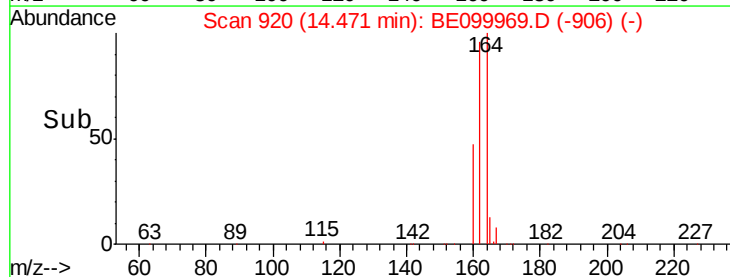
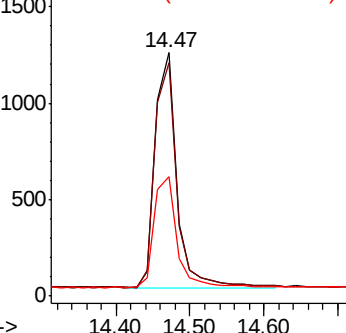
160 49.2 38.2 57.4

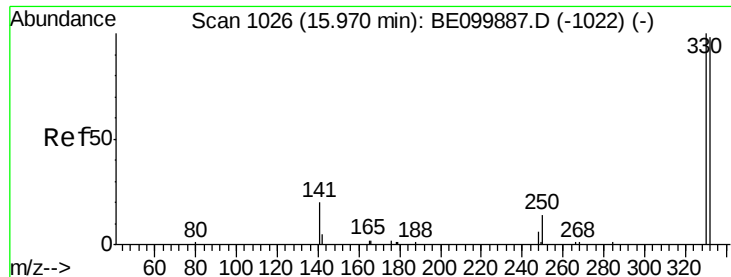


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

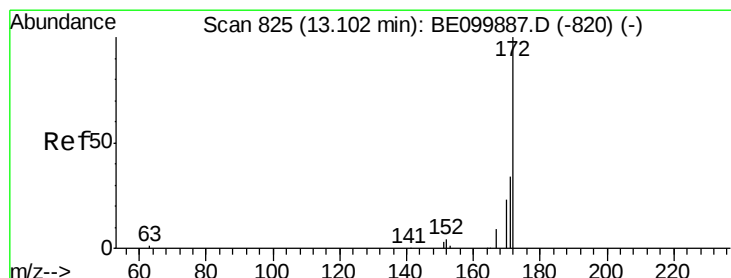
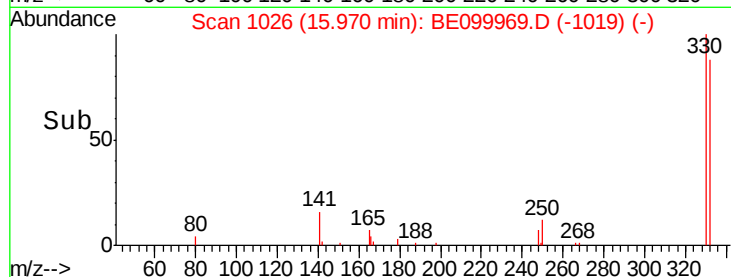
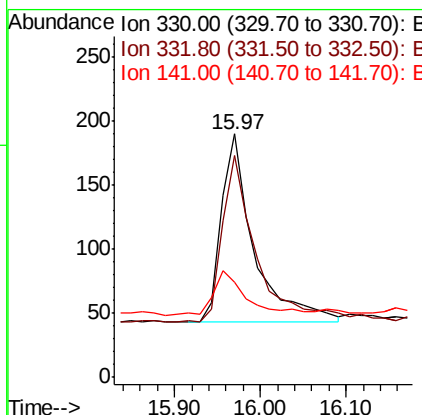
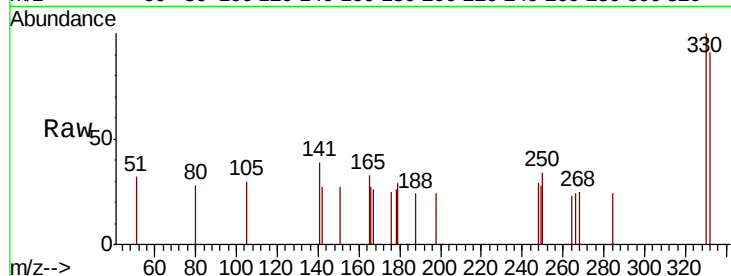




#14
 2,4,6-Tribromophenol
 Concen: 0.210 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE099969.D
 Acq: 12 Jun 2019 22:50

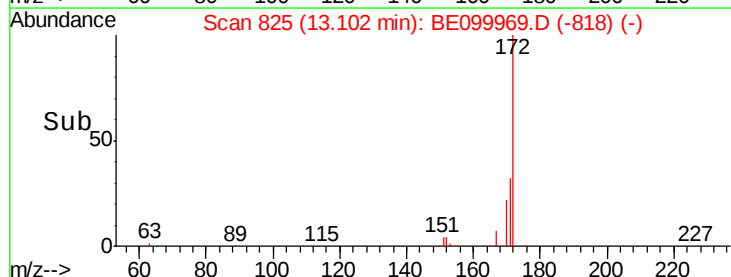
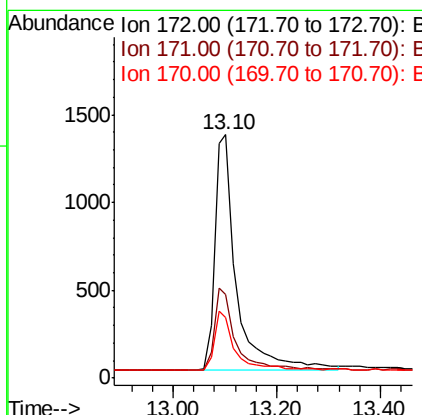
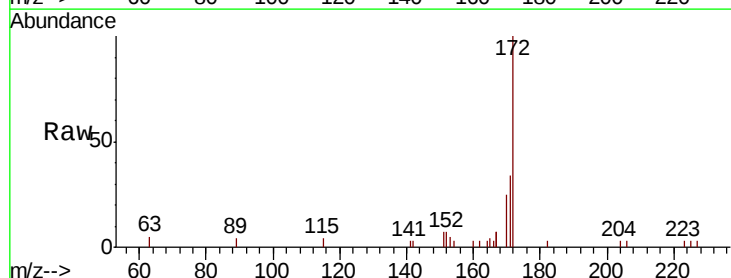
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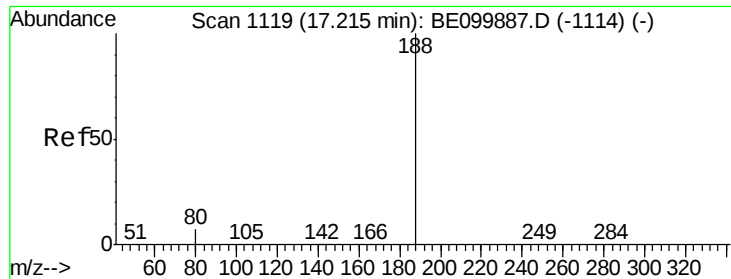
Tgt Ion: 330 Resp: 386
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.7 115.1
 141 21.8 21.0 31.6



#15
 2-Fluorobiphenyl
 Concen: 0.419 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099969.D
 Acq: 12 Jun 2019 22:50

Tgt Ion: 172 Resp: 3949
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.2 43.8
 170 24.7 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099969.D

Acq: 12 Jun 2019 22:50

Instrument :

BNA_E

ClientSampleId :

RE117D1-20190603

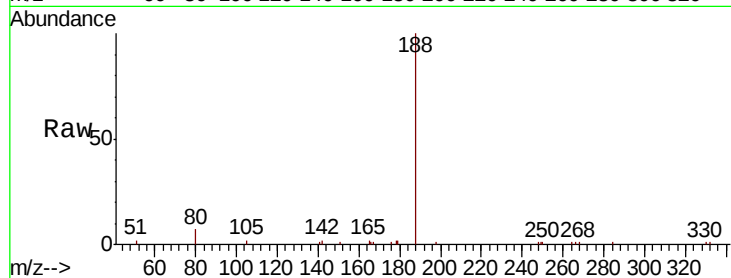
Tgt Ion:188 Resp: 7556

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

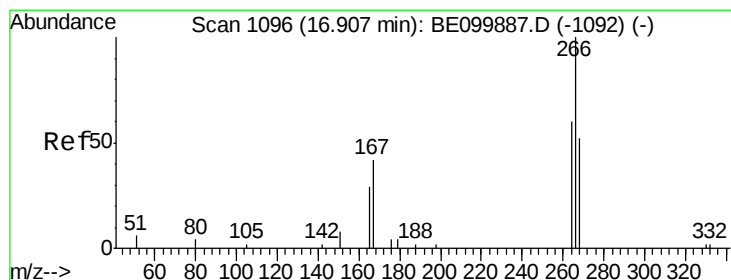
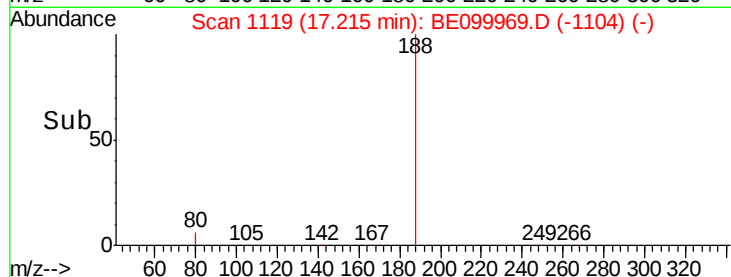
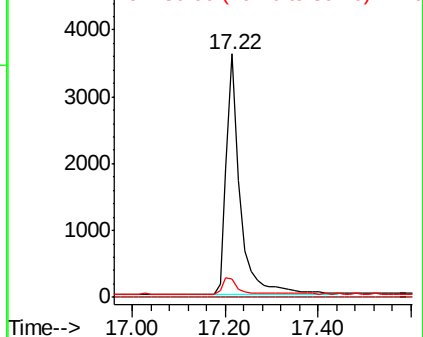
80 7.3 6.4 9.6



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: 0.302 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.03 min

Lab File: BE099969.D

Acq: 12 Jun 2019 22:50

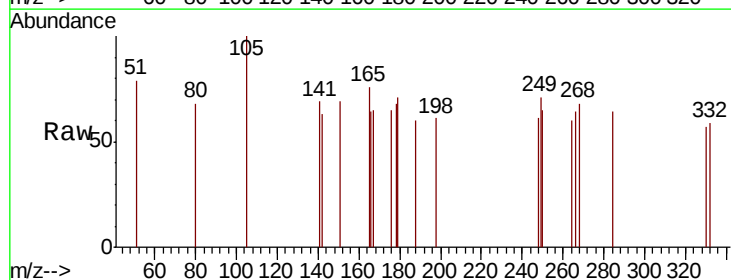
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 93.8 62.2 93.2#

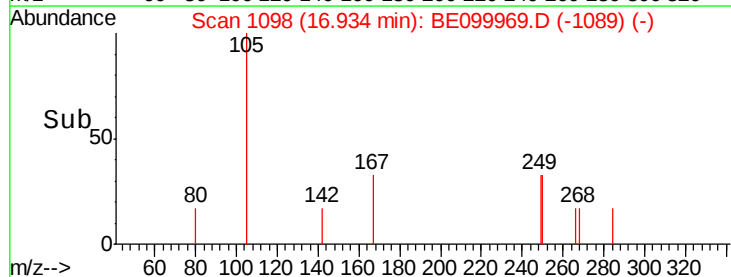
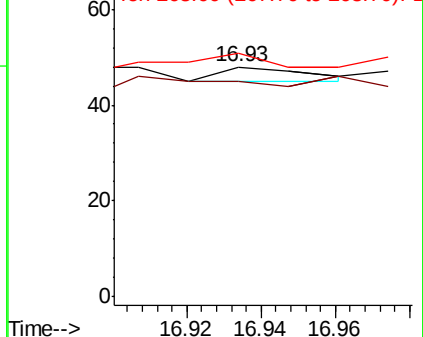
268 106.3 65.5 98.3#

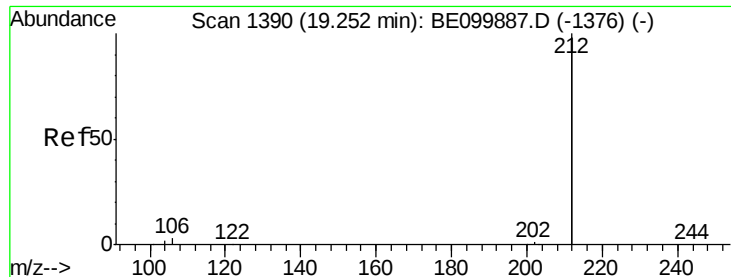


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099969.D

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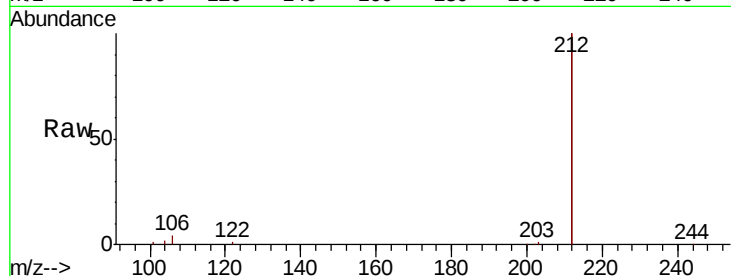
Tgt Ion:212 Resp: 38488

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

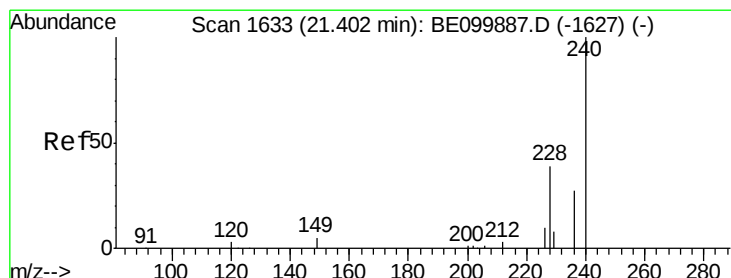
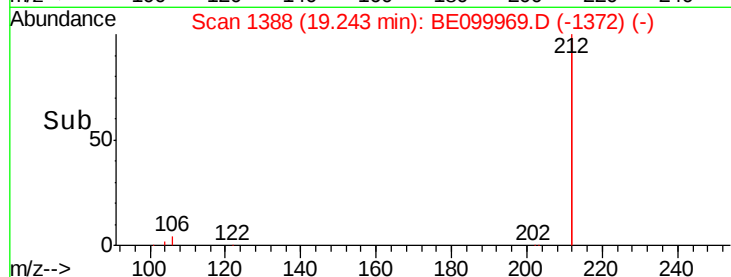
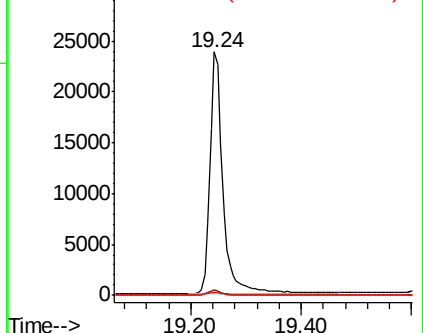
104 1.0 0.9 1.3



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: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099969.D

Acq: 12 Jun 2019 22:50

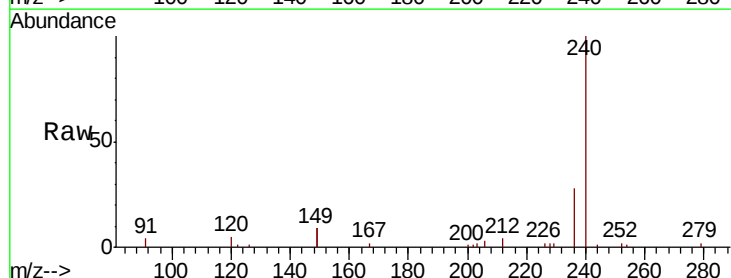
Tgt Ion:240 Resp: 10459

Ion Ratio Lower Upper

240 100

120 4.8 3.8 5.6

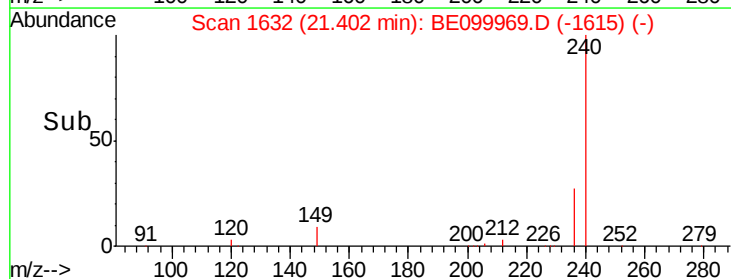
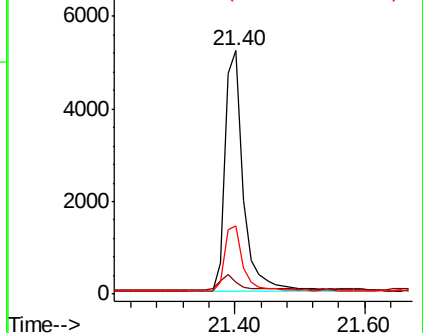
236 28.1 22.0 33.0

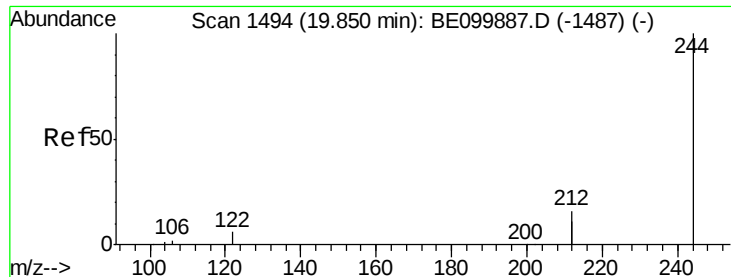


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.596 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099969.D

Acq: 12 Jun 2019 22:50

Instrument :

BNA_E

ClientSampleId :

RE117D1-20190603

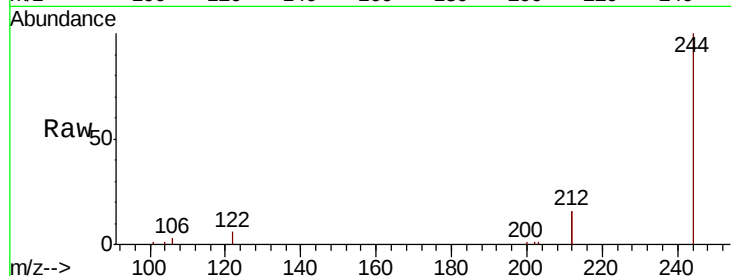
Tgt Ion:244 Resp: 11216

Ion Ratio Lower Upper

244 100

212 32.9 25.7 38.5

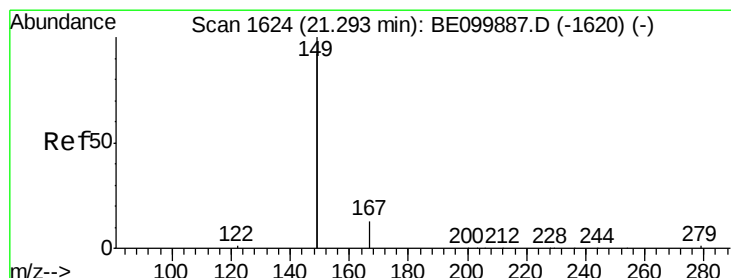
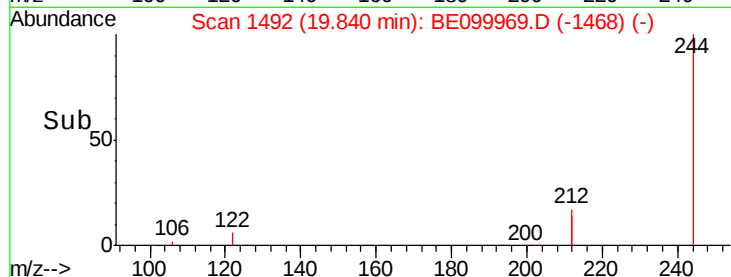
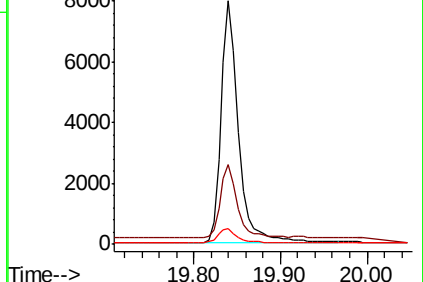
122 6.2 5.5 8.3



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: 0.059 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE099969.D

Acq: 12 Jun 2019 22:50

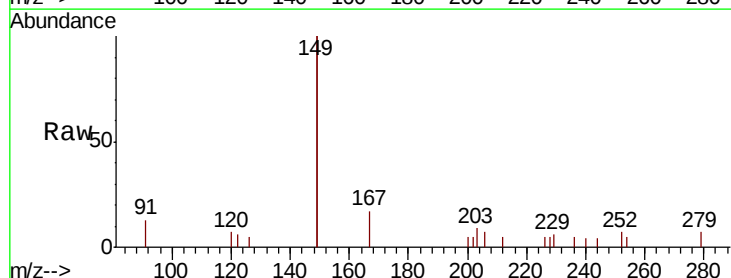
Tgt Ion:149 Resp: 2656

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

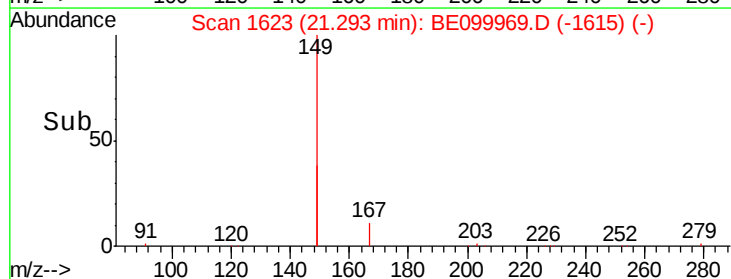
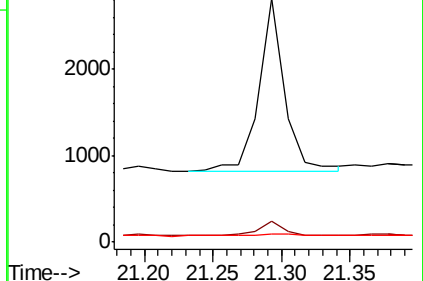
279 3.4 1.2 1.8#



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: 23.92 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BE099969.D

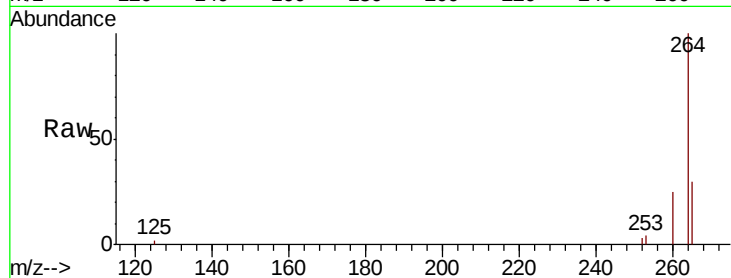
Acq: 12 Jun 2019 22:50

Instrument :

BNA_E

ClientSampleId :

RE117D1-20190603



Tgt Ion: 264 Resp: 12232

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

265 30.3 22.0 33.0

