

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\
 Data File : BE099971.D
 Acq On : 13 Jun 2019 00:02
 Operator : JU/SJ
 Sample : K3255-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D2-20190604

Quant Time: Jun 13 05:44:37 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

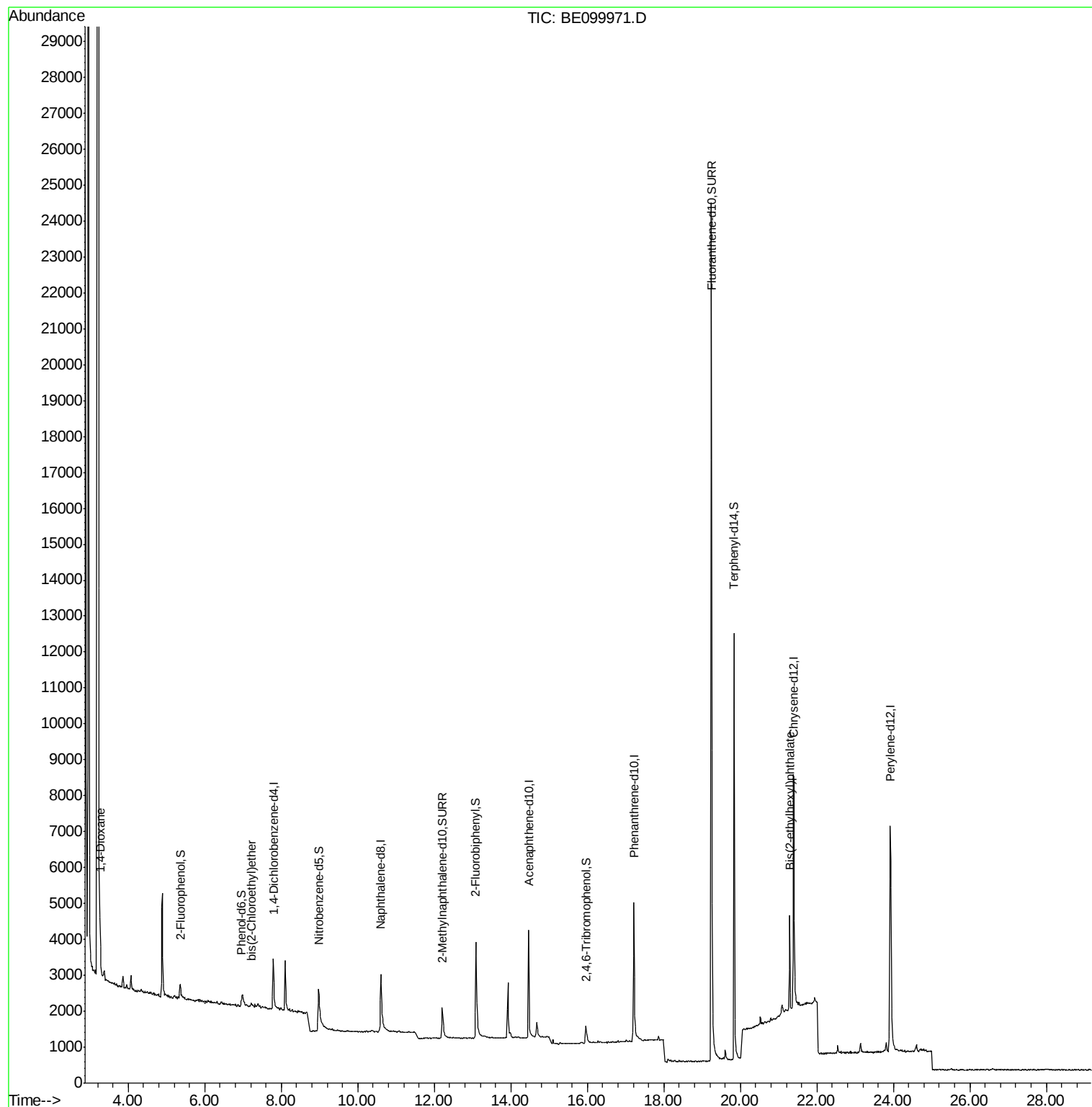
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	992	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3304	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2561	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7804	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10078	0.40	ng	0.00
34) Perylene-d12	23.92	264	11598	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	409	0.15	ng	0.00
5) Phenol-d6	6.96	99	330	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	1253	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1968	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	534	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4342	0.45	ng	-0.01
25) Fluoranthene-d10	19.24	212	39114	0.34	ng	-0.01
29) Terphenyl-d14	19.84	244	11977	0.66	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	926	0.631	ng	# 85
6) bis(2-Chloroethyl)ether	7.23	93	83	0.029	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.29	149	3211	0.074	ng	100

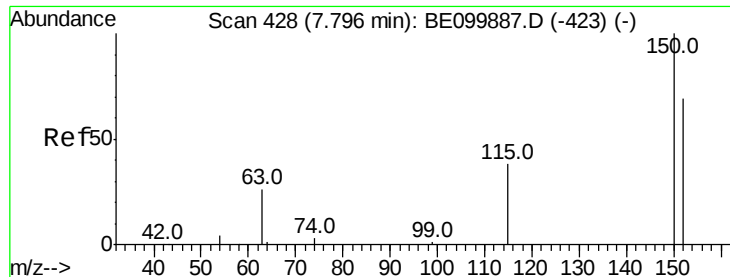
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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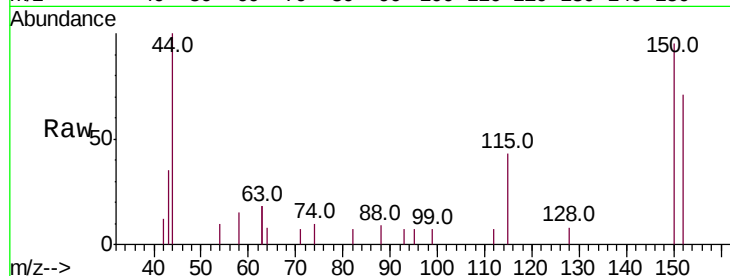


#1

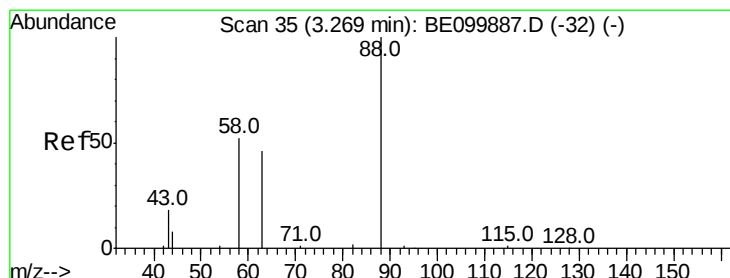
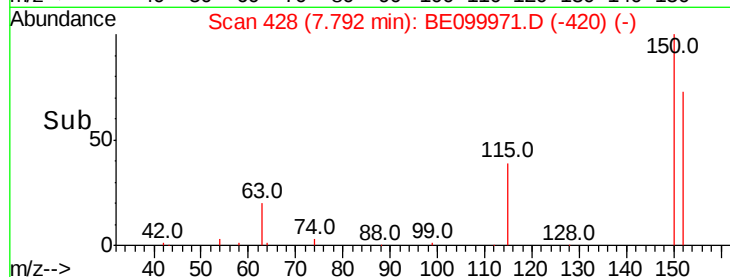
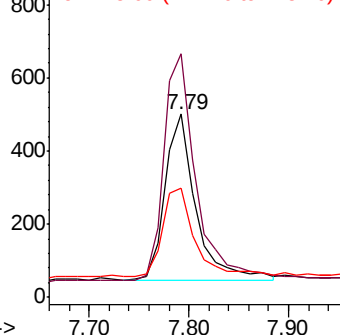
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BE099971.D
 Acq: 13 Jun 2019 00:02

Instrument :
 BNA_E
 ClientSampleId :
 RE126D2-20190604

Tot Ion:152 Resp: 992
 Ion Ratio Lower Upper
 152 100
 150 132.9 111.0 166.6
 115 59.9 50.7 76.1



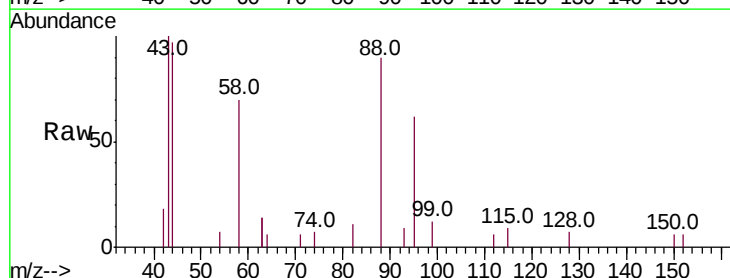
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



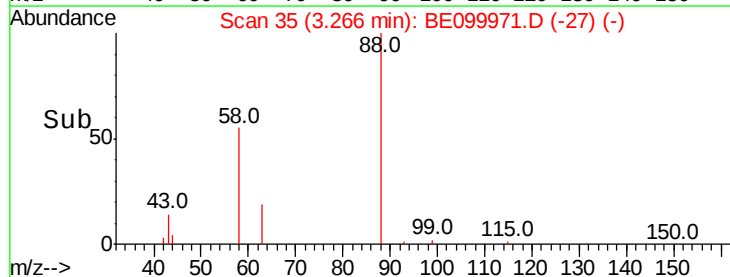
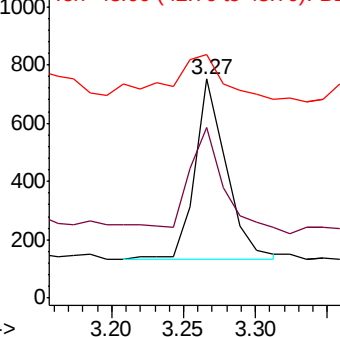
#2

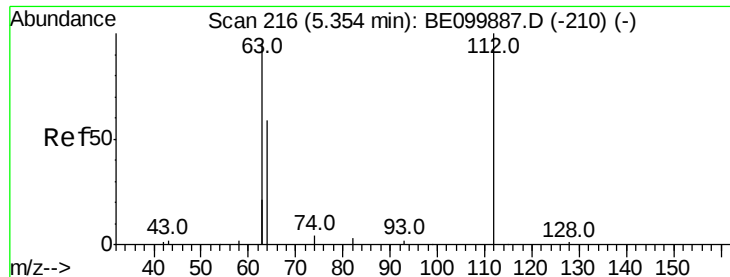
1,4-Dioxane
 Concen: 0.631 ng
 RT: 3.27 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: BE099971.D
 Acq: 13 Jun 2019 00:02

Tgt Ion: 88 Resp: 926
 Ion Ratio Lower Upper
 88 100
 58 65.2 48.8 73.2
 43 42.8 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: 0.153 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

Instrument :

BNA_E

ClientSampleId :

RE126D2-20190604

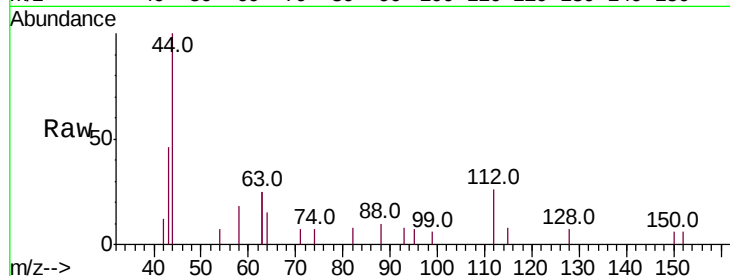
Tot Ion:112 Resp: 409

Ion Ratio Lower Upper

112 100

64 51.3 44.1 66.1

63 119.3 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

500

400

300

200

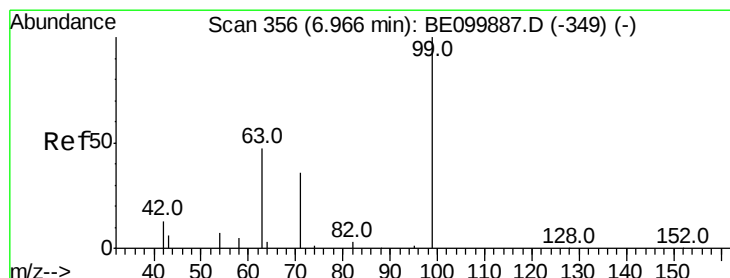
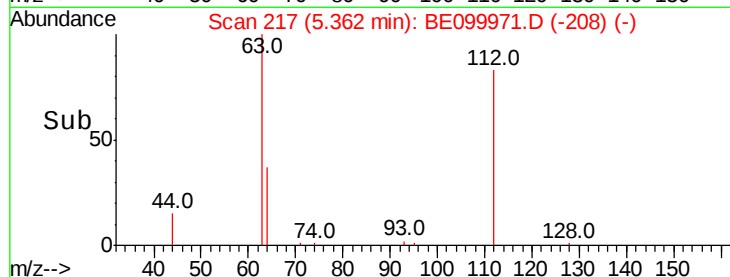
100

0

5.20 5.30 5.40 5.50 5.60

5.36

Time-->



#5

Phenol-d6

Concen: 0.096 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

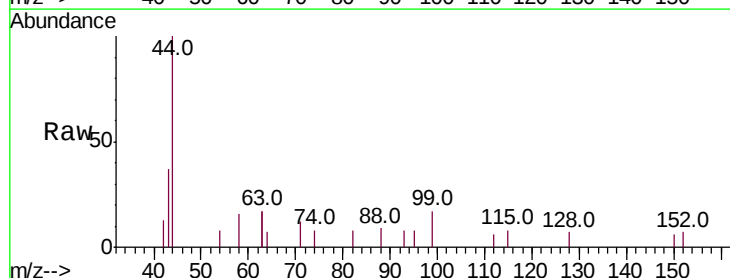
Tgt Ion: 99 Resp: 330

Ion Ratio Lower Upper

99 100

42 23.3 15.9 23.9

71 38.8 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

150

100

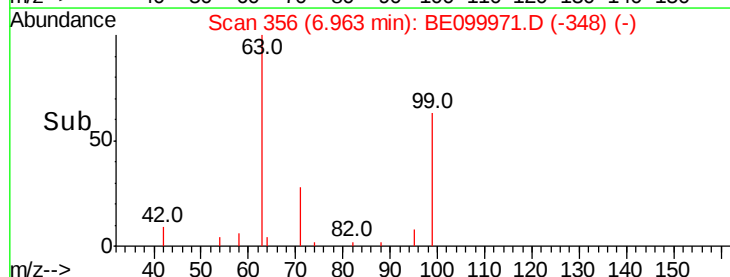
50

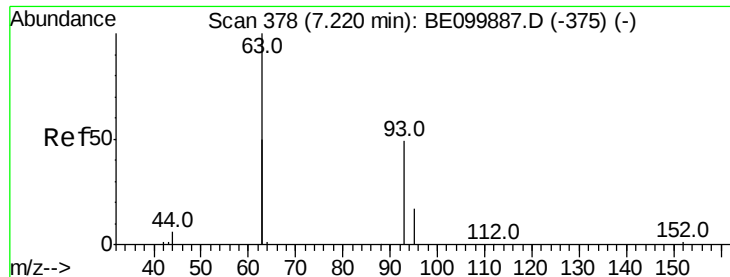
0

6.80 6.90 7.00 7.10 7.20

6.96

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.029 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

Instrument :

BNA_E

ClientSampleId :

RE126D2-20190604

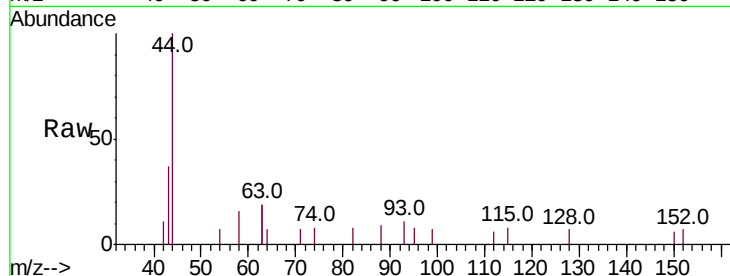
Tot Ion: 93 Resp: 83

Ion Ratio Lower Upper

93 100

63 198.8 202.8 304.2#

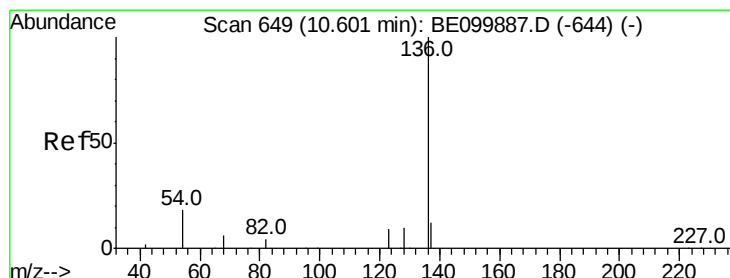
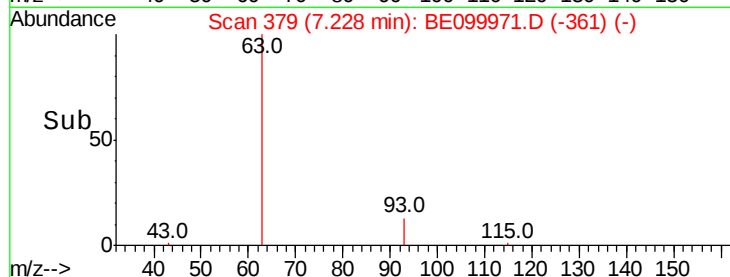
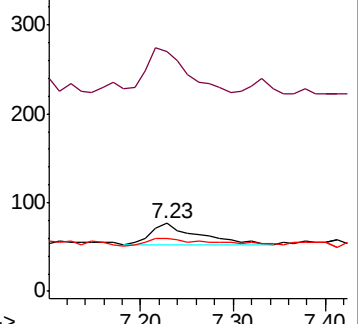
95 49.4 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

Tgt Ion: 136 Resp: 3304

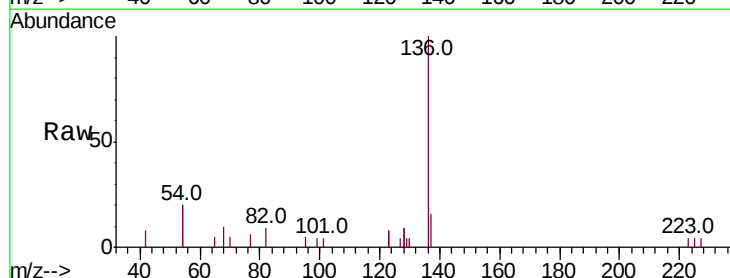
Ion Ratio Lower Upper

136 100

137 15.5 12.3 18.5

54 39.7 28.2 42.4

68 10.4 7.8 11.8

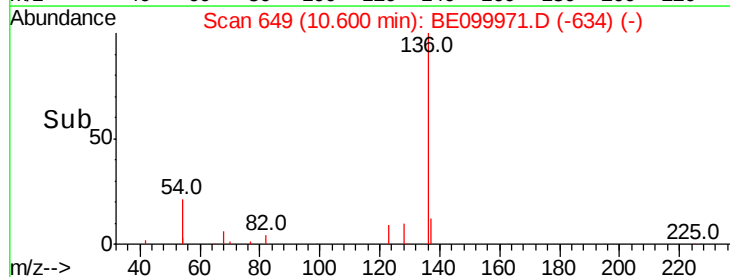
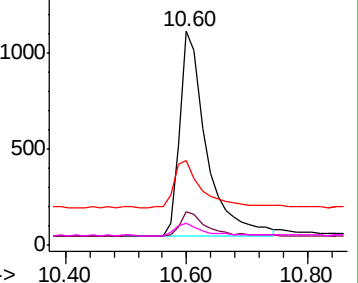


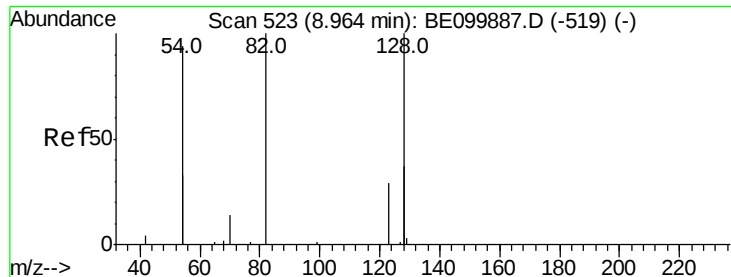
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

Instrument :

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ClientSampleId :

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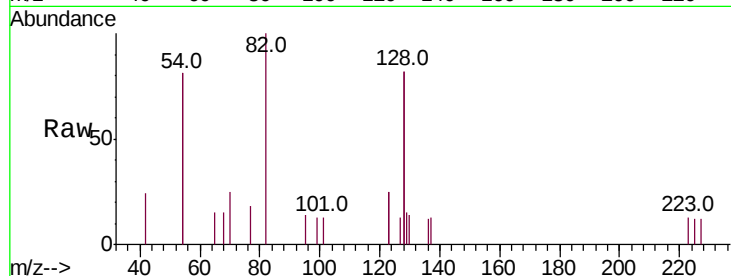
Tot Ion: 82 Resp: 1253

Ion Ratio Lower Upper

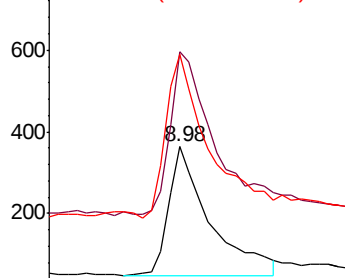
82 100

128 164.2 137.3 205.9

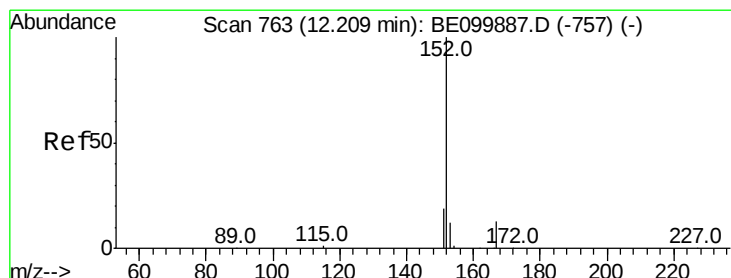
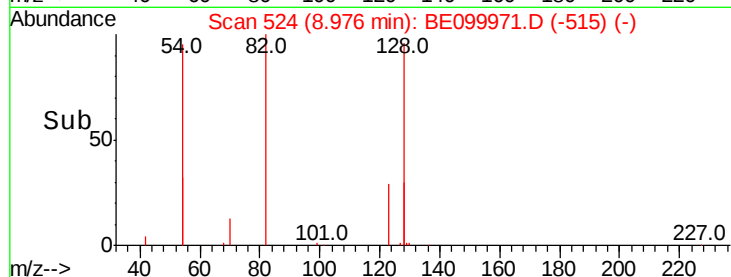
54 162.5 129.7 194.5



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



Time--> 8.80 8.90 9.00 9.10



#11

2-Methylnaphthalene-d10

Concen: 0.342 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099971.D

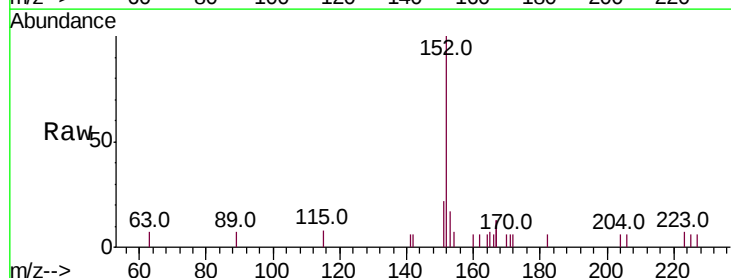
Acq: 13 Jun 2019 00:02

Tgt Ion: 152 Resp: 1968

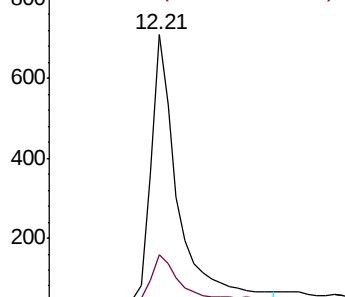
Ion Ratio Lower Upper

152 100

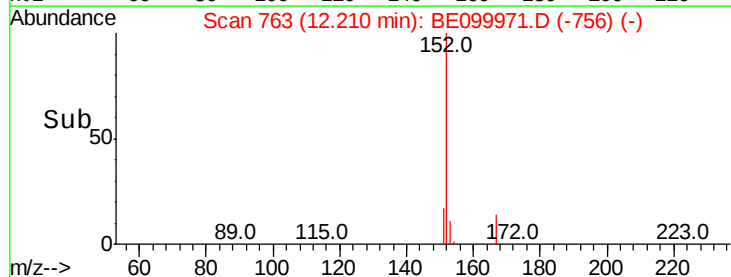
151 18.6 15.2 22.8

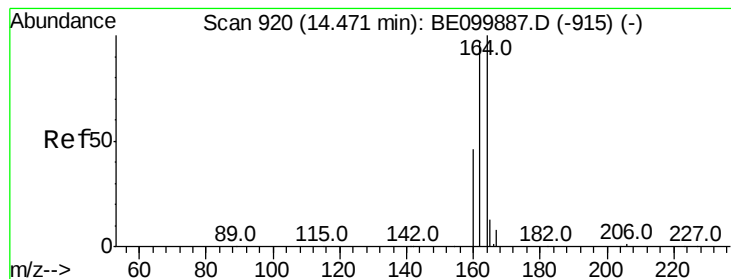


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E



Time--> 12.20 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

Instrument :

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ClientSampleId :

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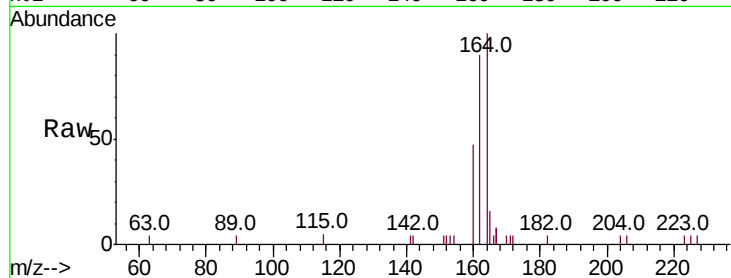
Tot Ion:164 Resp: 2561

Ion Ratio Lower Upper

164 100

162 89.9 77.8 116.8

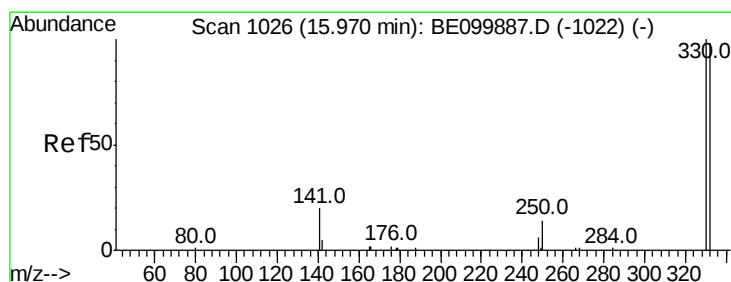
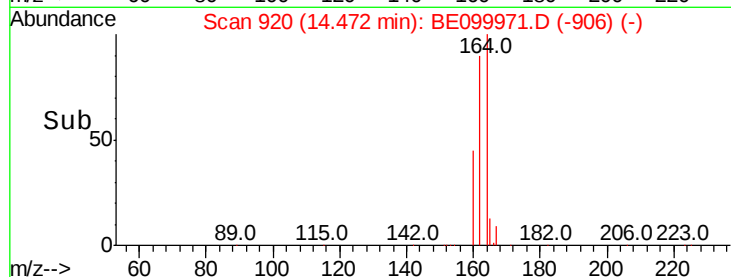
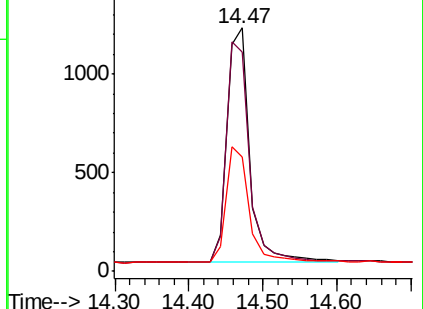
160 46.8 38.2 57.4



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: 0.282 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

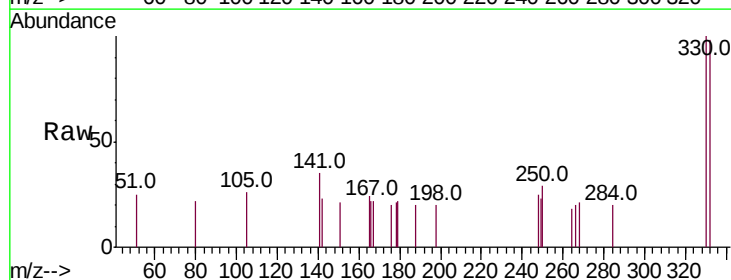
Tgt Ion:330 Resp: 534

Ion Ratio Lower Upper

330 100

332 98.3 76.7 115.1

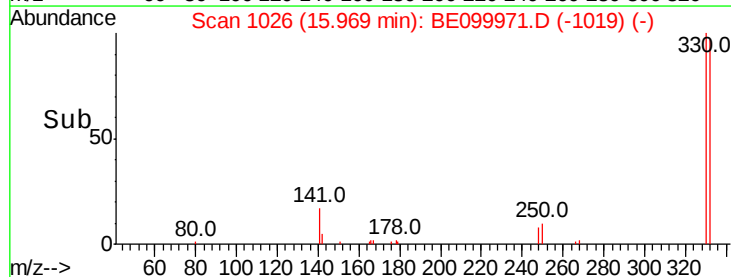
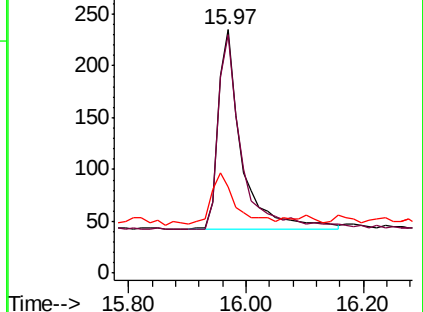
141 27.2 21.0 31.6

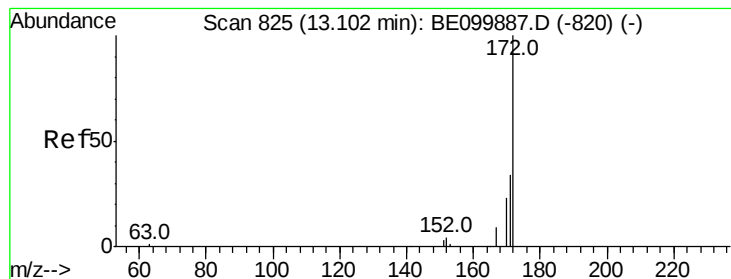


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.447 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

Instrument :

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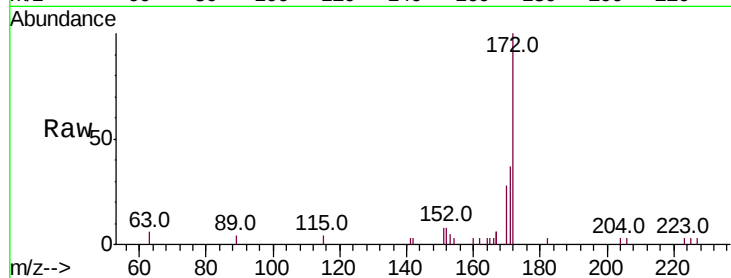
Tot Ion:172 Resp: 4342

Ion Ratio Lower Upper

172 100

171 36.8 29.2 43.8

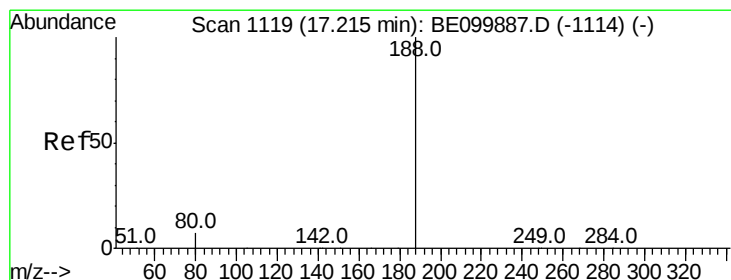
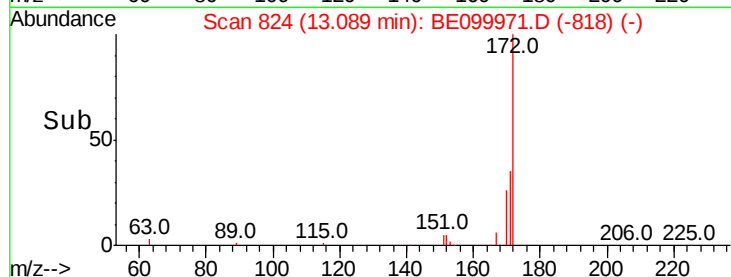
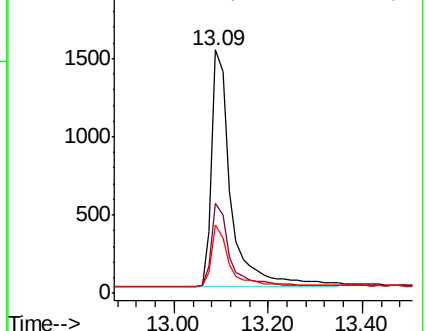
170 27.8 21.2 31.8



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

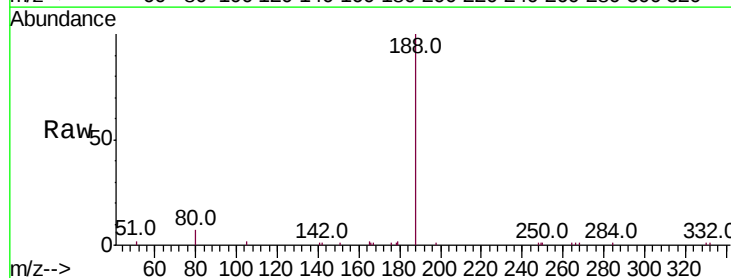
Tgt Ion:188 Resp: 7804

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

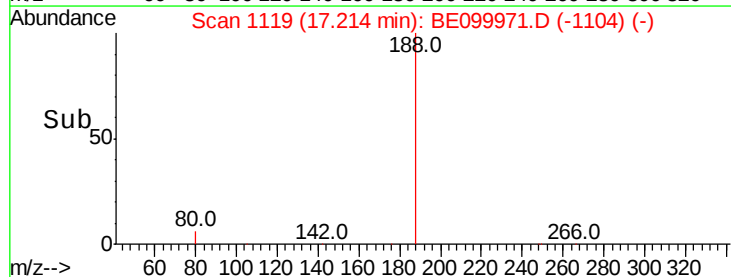
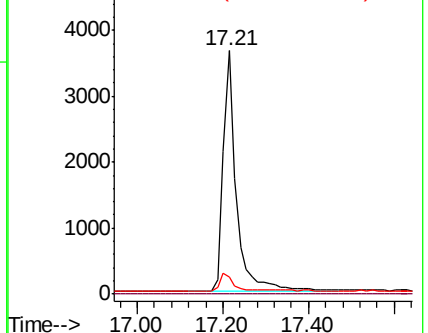
80 6.9 6.4 9.6

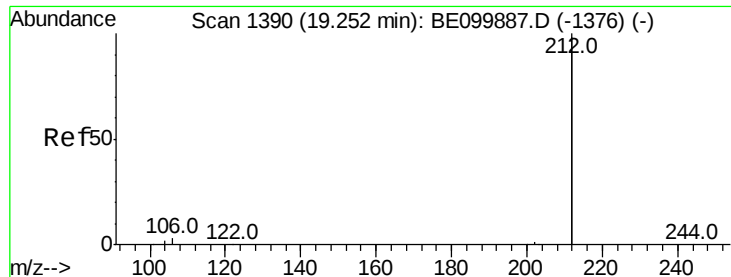


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.344 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

Instrument :

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RE126D2-20190604

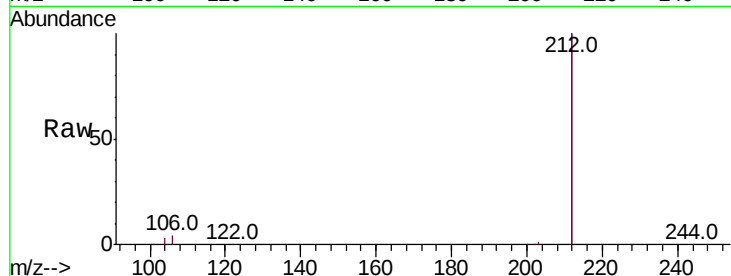
Tot Ion:212 Resp: 39114

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

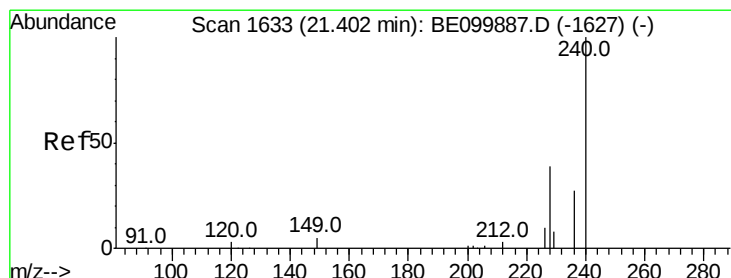
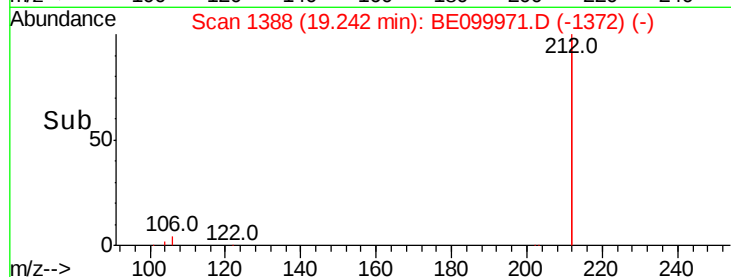
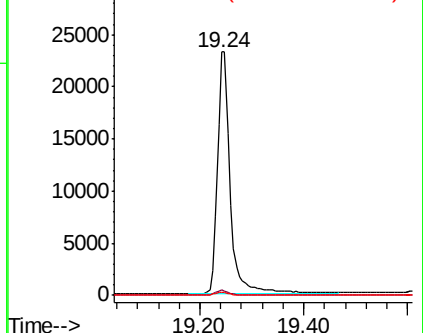
104 1.1 0.9 1.3



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# 1633

Delta R.T. 0.00 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

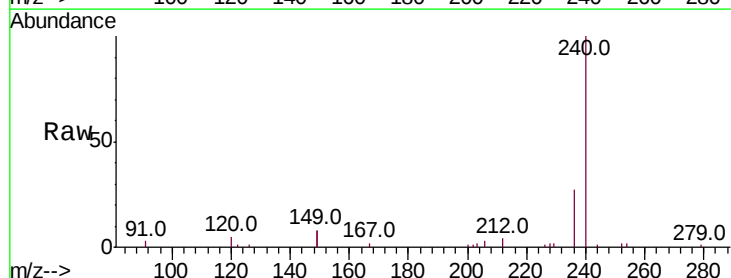
Tgt Ion:240 Resp: 10078

Ion Ratio Lower Upper

240 100

120 4.8 3.8 5.6

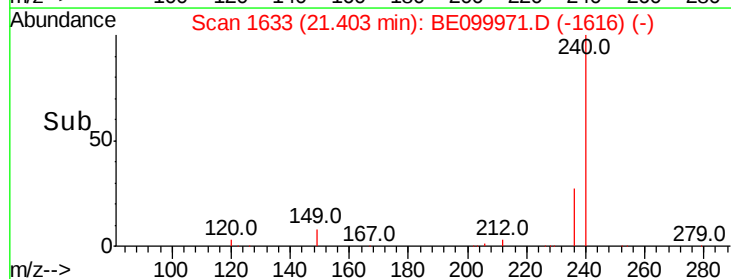
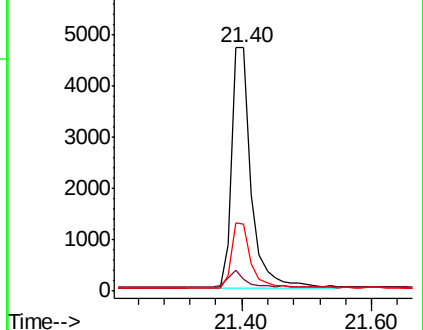
236 27.4 22.0 33.0

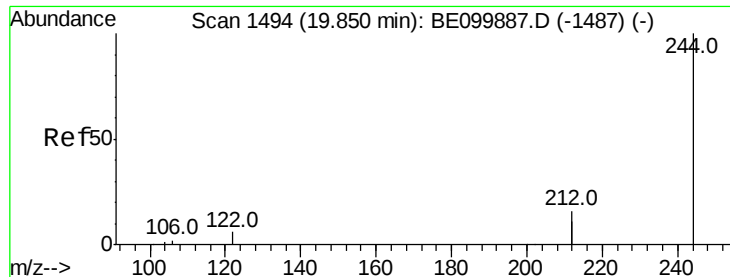


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.660 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

Instrument :

BNA_E

ClientSampleId :

RE126D2-20190604

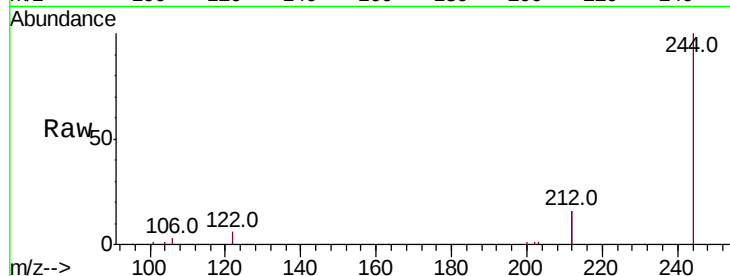
Tot Ion:244 Resp: 11977

Ion Ratio Lower Upper

244 100

212 31.7 25.7 38.5

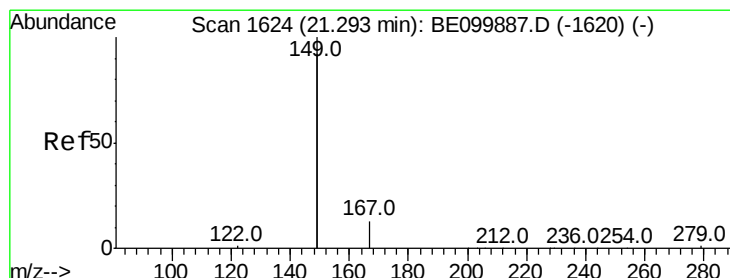
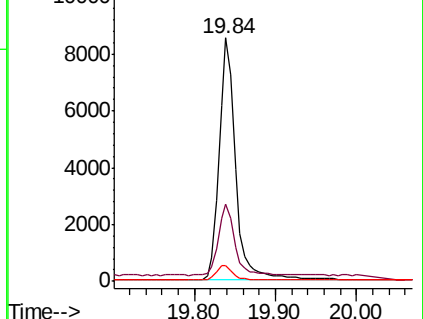
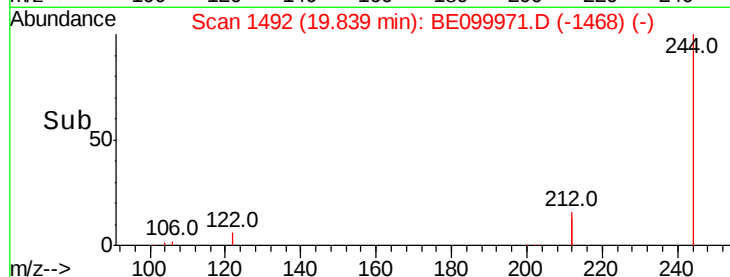
122 6.4 5.5 8.3



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: 0.074 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

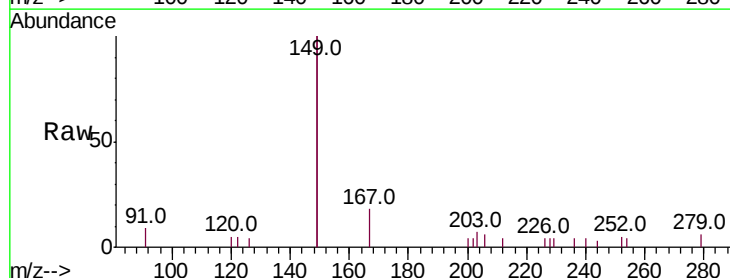
Tgt Ion:149 Resp: 3211

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

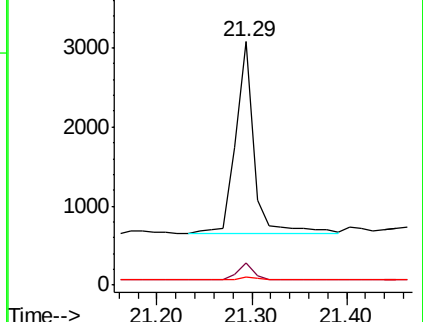
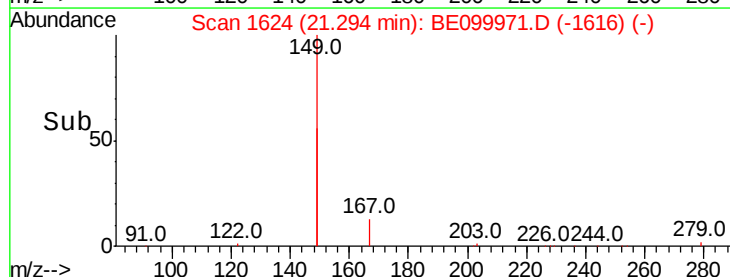
279 1.3 1.2 1.8

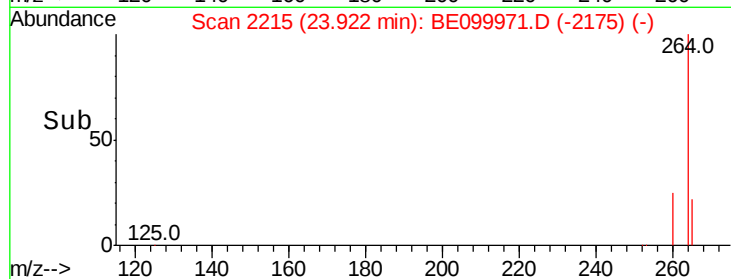
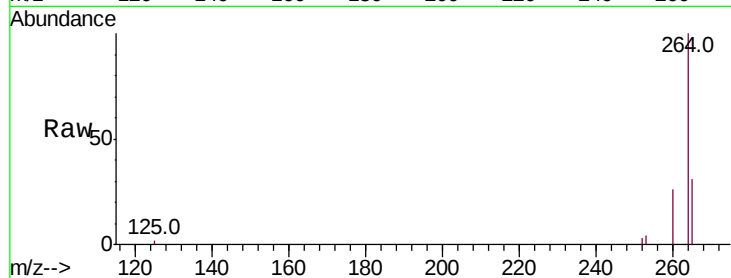
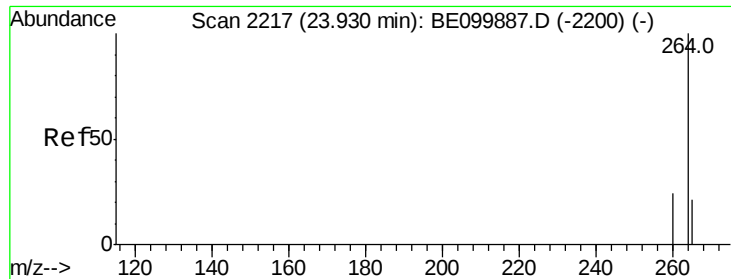


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE099971.D

Acq: 13 Jun 2019 00:02

Instrument :

BNA_E

ClientSampleId :

RE126D2-20190604

Tot Ion:264 Resp: 11598

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

265 30.6 22.0 33.0

