

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
 Data File : BE100049.D
 Acq On : 15 Jun 2019 8:34
 Operator : JU/SJ
 Sample : K3315-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D1-20190607

Quant Time: Jun 17 01:15:48 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

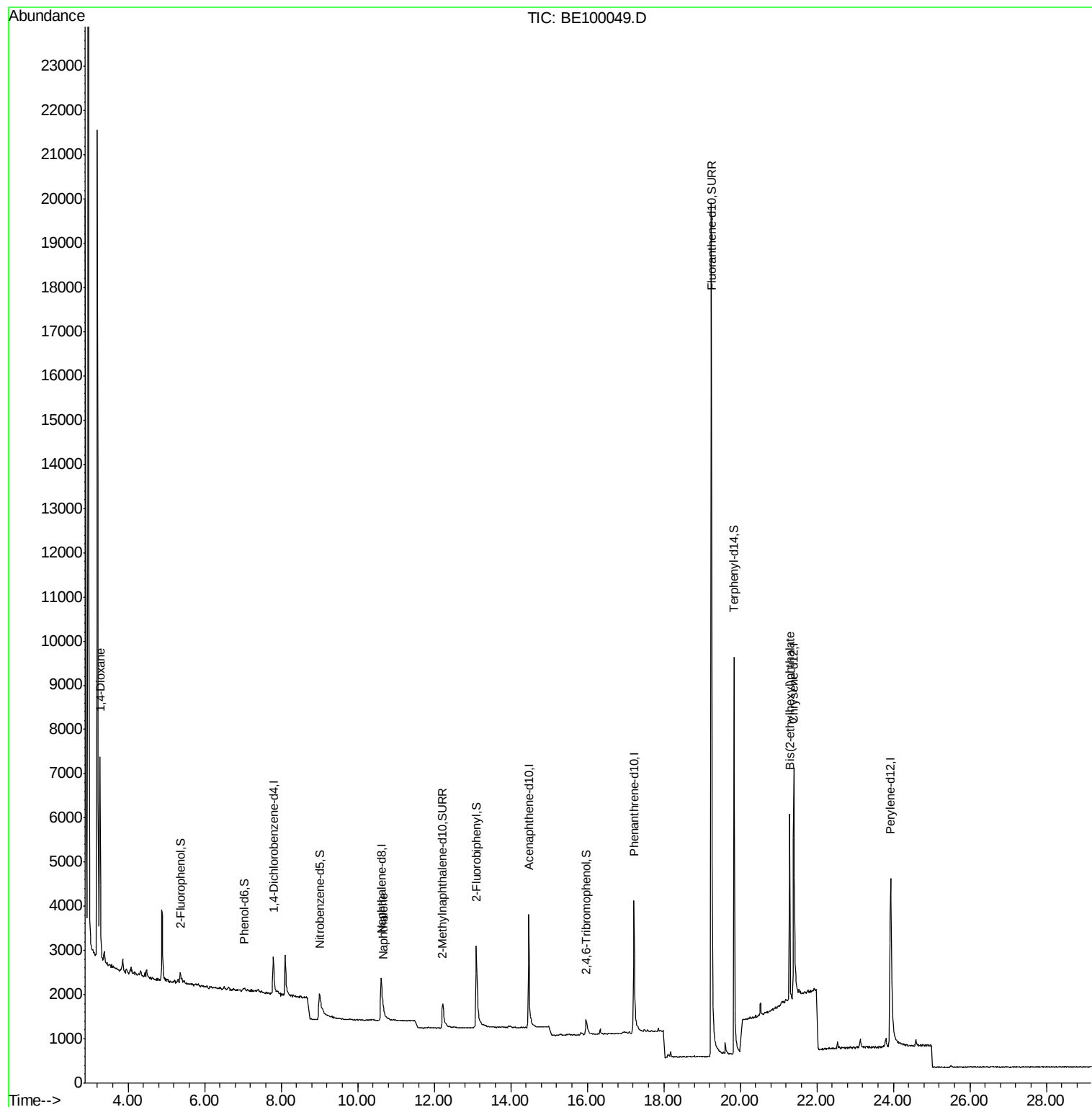
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	710	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2488	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2125	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6732	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8311	0.40	ng	0.00
34) Perylene-d12	23.93	264	8943	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	294	0.15	ng	0.00
5) Phenol-d6	7.03	99	187	0.08	ng	0.07
8) Nitrobenzene-d5	9.00	82	861	0.37	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	1643	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	438	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3558	0.44	ng	0.00
25) Fluoranthene-d10	19.24	212	34810	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	9644	0.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	4375	4.163	ng	Qvalue 94
9) Naphthalene	10.67	128	552	0.021	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.29	149	5509	0.155	ng	100

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

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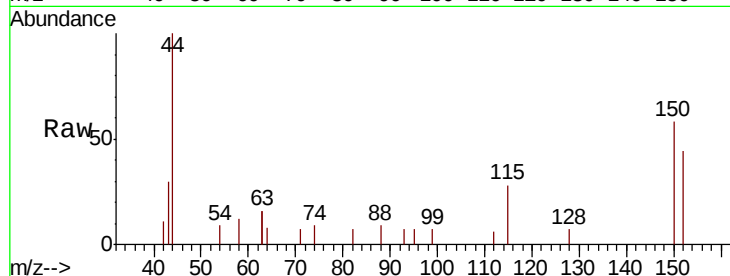


#1

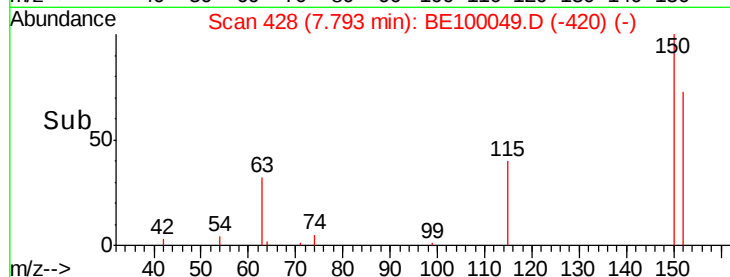
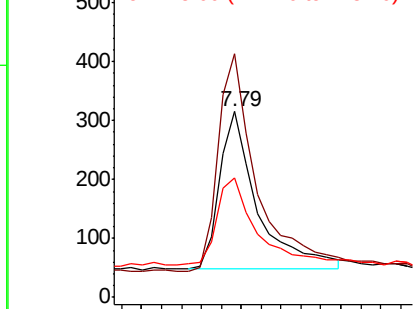
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100049.D
Acq: 15 Jun 2019 8:34

Instrument :
BNA_E
ClientSampleId :
RE104D1-20190607

Tot Ion:152 Resp: 710
Ion Ratio Lower Upper
152 100
150 131.1 111.0 166.6
115 64.1 50.7 76.1



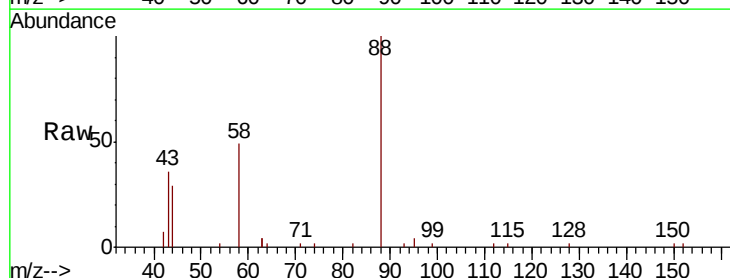
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



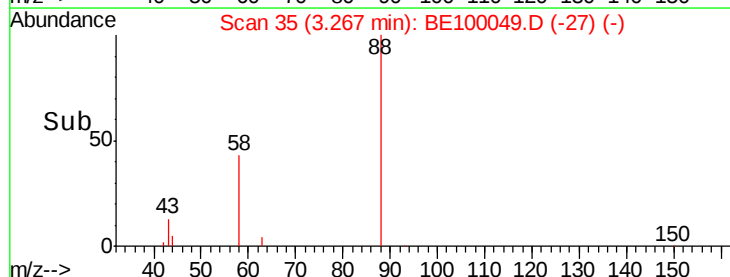
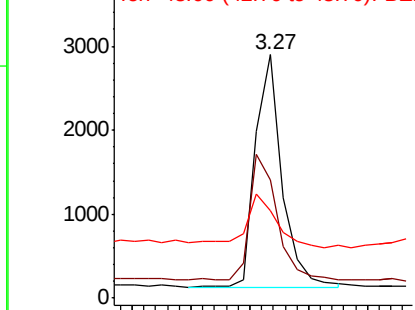
#2

1,4-Dioxane
Concen: 4.163 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100049.D
Acq: 15 Jun 2019 8:34

Tgt Ion: 88 Resp: 4375
Ion Ratio Lower Upper
88 100
58 56.5 48.8 73.2
43 27.2 19.0 28.6



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.153 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100049.D

Acq: 15 Jun 2019 8:34

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190607

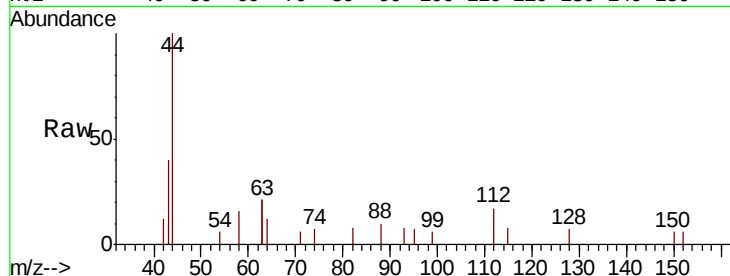
Tot Ion: 112 Resp: 294

Ion Ratio Lower Upper

112 100

64 49.0 44.1 66.1

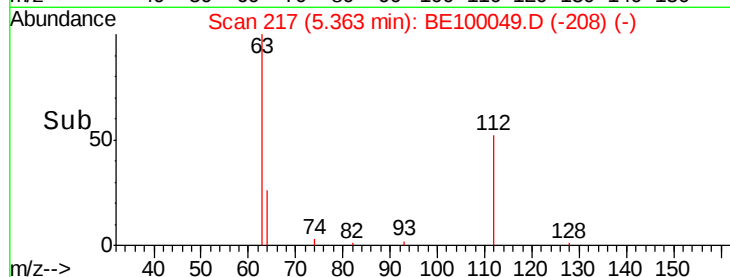
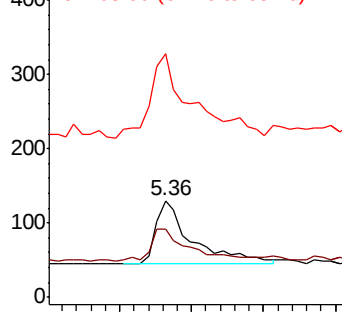
63 158.5 87.8 131.6#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.076 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.07 min

Lab File: BE100049.D

Acq: 15 Jun 2019 8:34

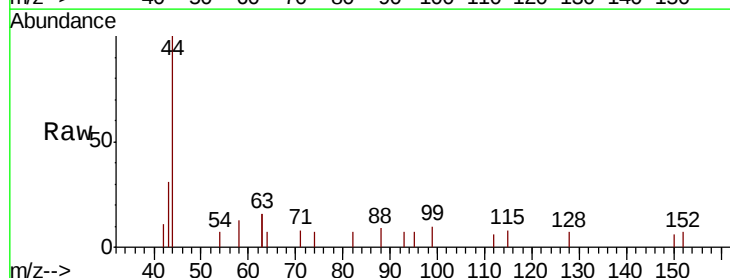
Tgt Ion: 99 Resp: 187

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

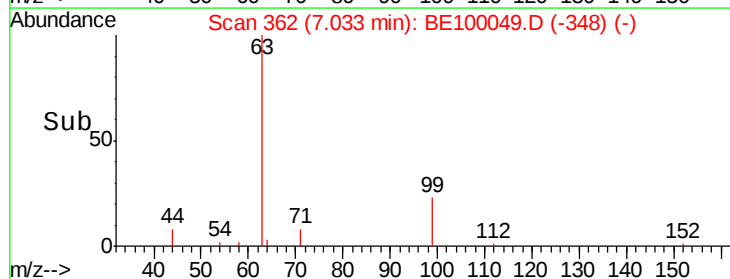
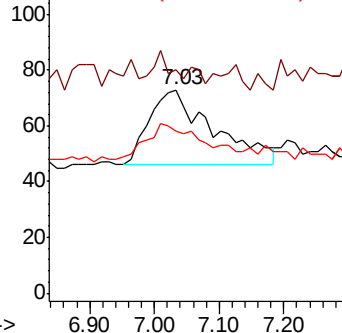
71 0.0 34.6 52.0#



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100049.D

Acq: 15 Jun 2019 8:34

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190607

Tot Ion:136 Resp: 2488

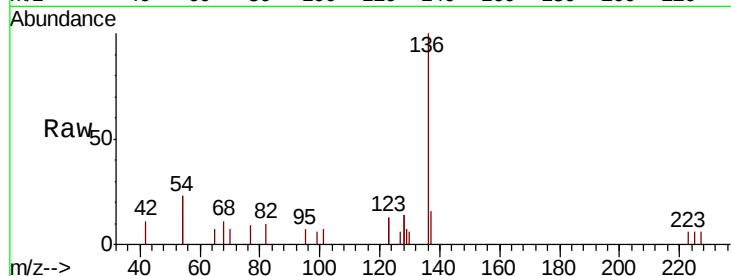
Ion Ratio Lower Upper

136 100

137 16.4 12.3 18.5

54 46.0 28.2 42.4#

68 11.0 7.8 11.8

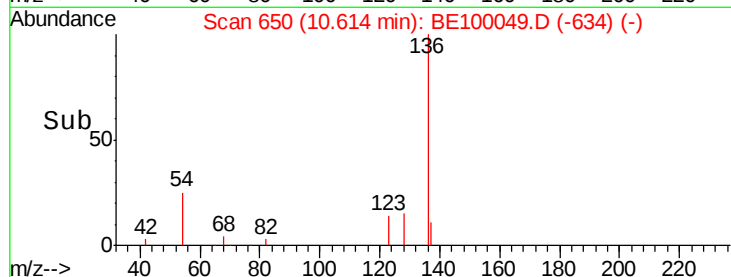
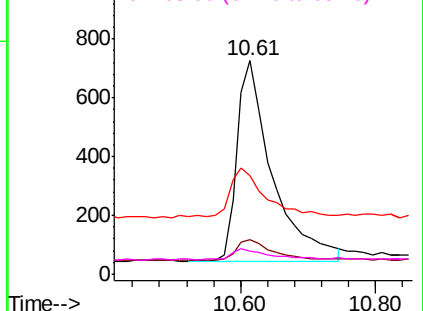


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.365 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE100049.D

Acq: 15 Jun 2019 8:34

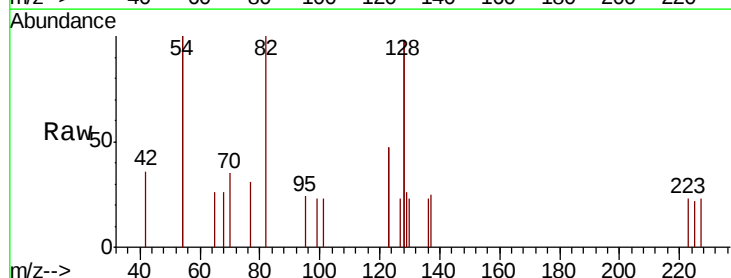
Tgt Ion: 82 Resp: 861

Ion Ratio Lower Upper

82 100

128 196.0 137.3 205.9

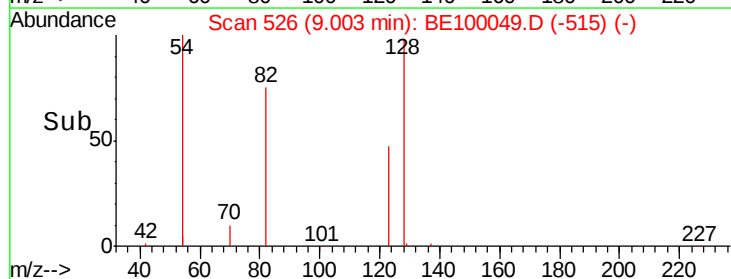
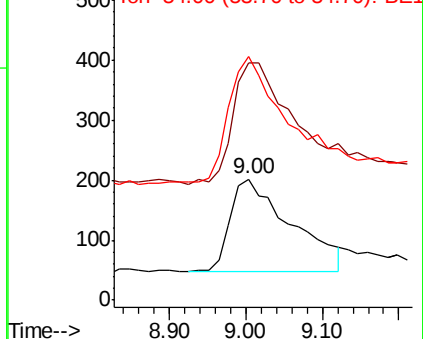
54 201.0 129.7 194.5#

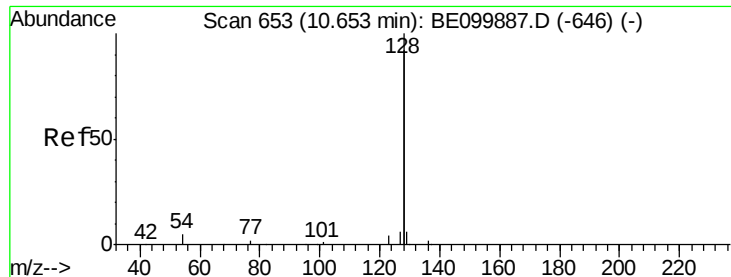


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

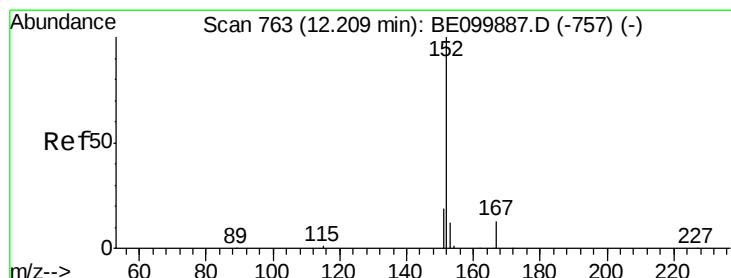
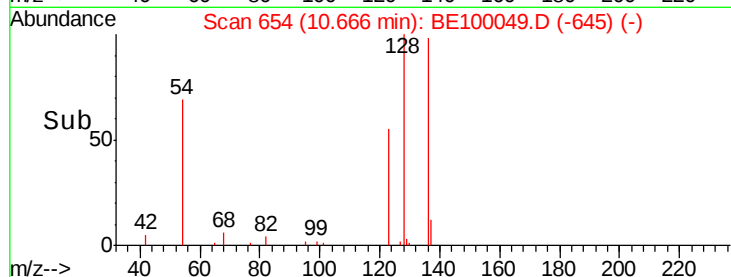
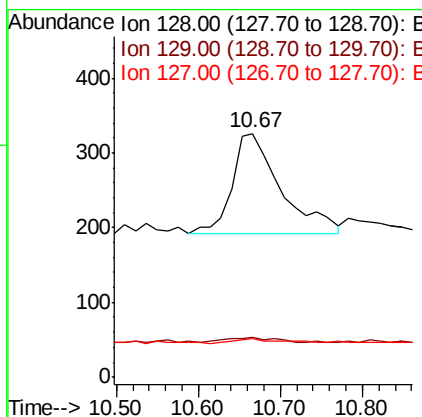
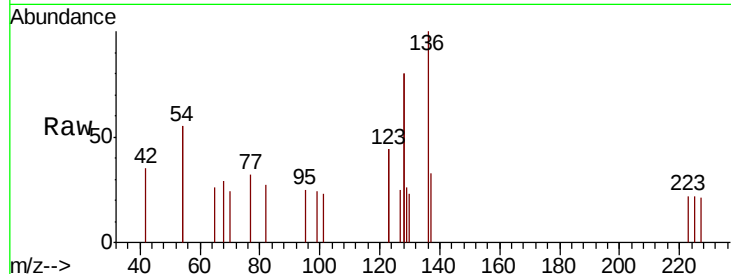




#9
Naphthalene
Concen: 0.021 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.01 min
Lab File: BE100049.D
Acq: 15 Jun 2019 8:34

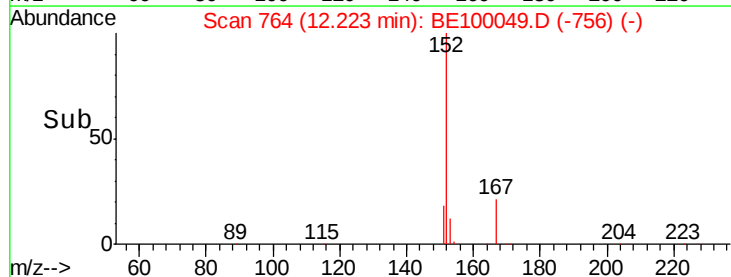
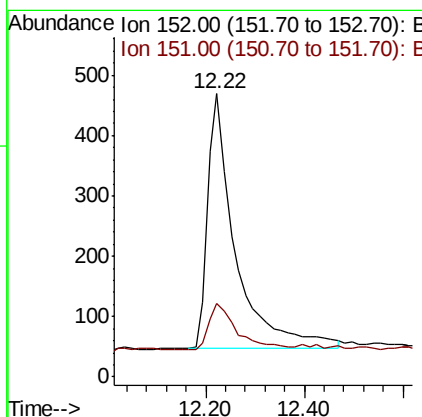
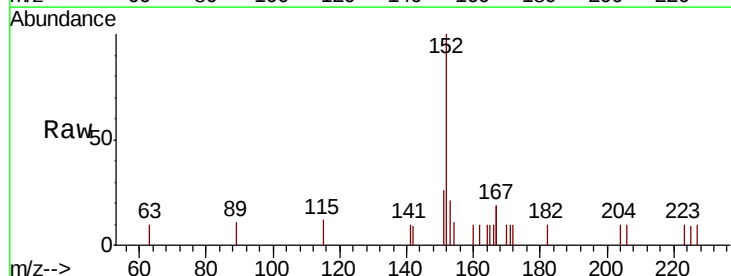
Instrument :
BNA_E
ClientSampleId :
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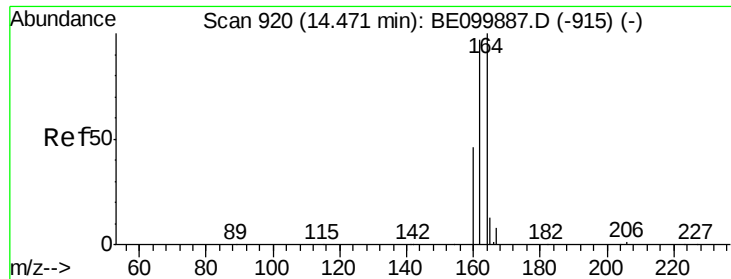
Tot Ion:128 Resp: 552
Ion Ratio Lower Upper
128 100
129 16.3 3.0 4.6#
127 15.6 3.4 5.0#



#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE100049.D
Acq: 15 Jun 2019 8:34

Tgt Ion:152 Resp: 1643
Ion Ratio Lower Upper
152 100
151 17.7 15.2 22.8

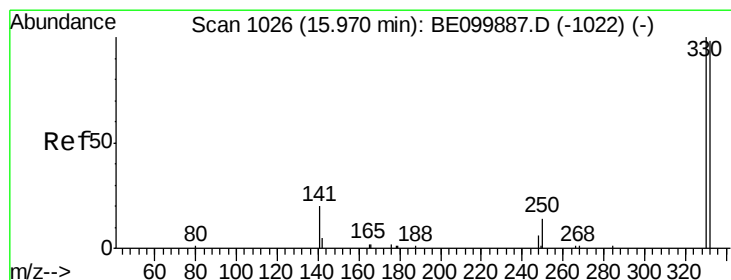
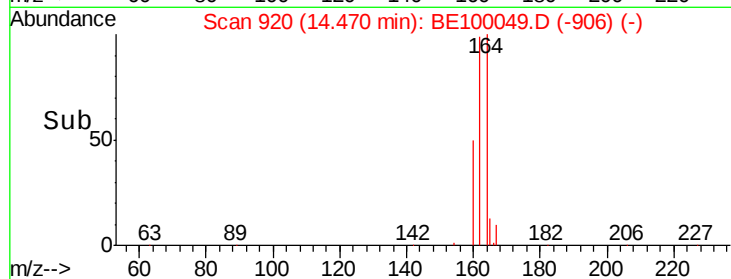
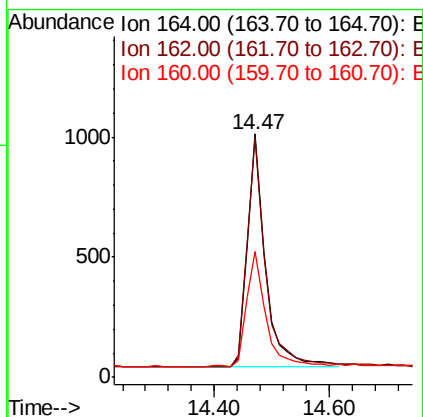
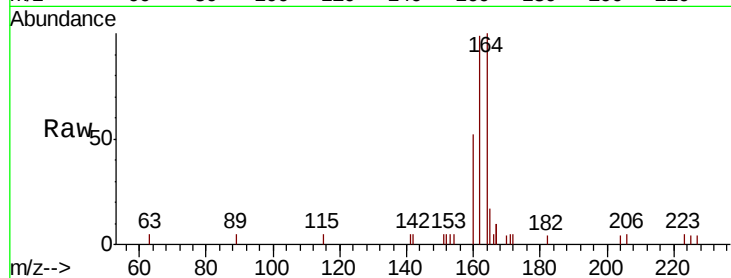




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE100049.D
 Acq: 15 Jun 2019 8:34

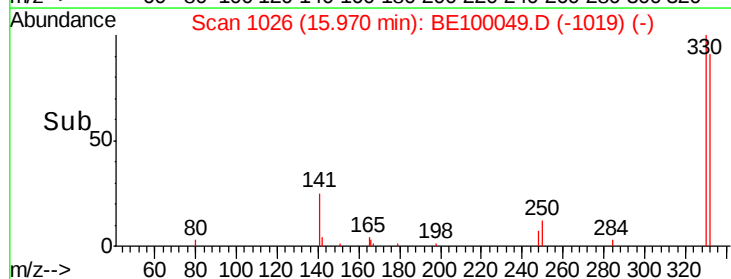
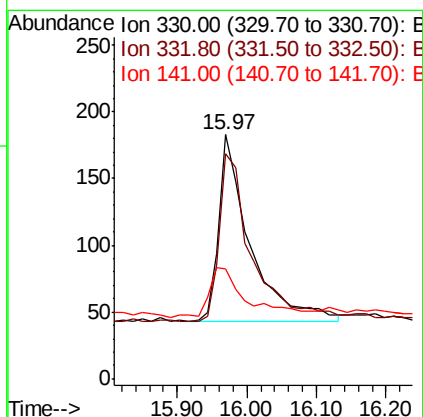
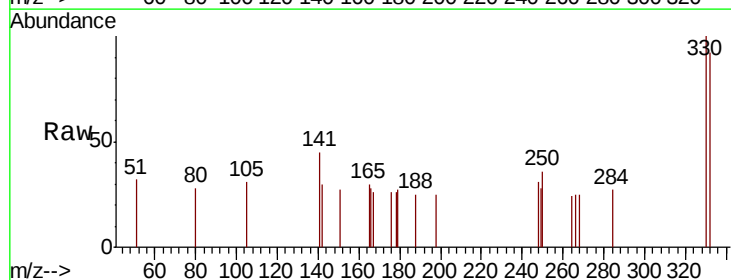
Instrument :
 BNA_E
 ClientSampleId :
 RE104D1-20190607

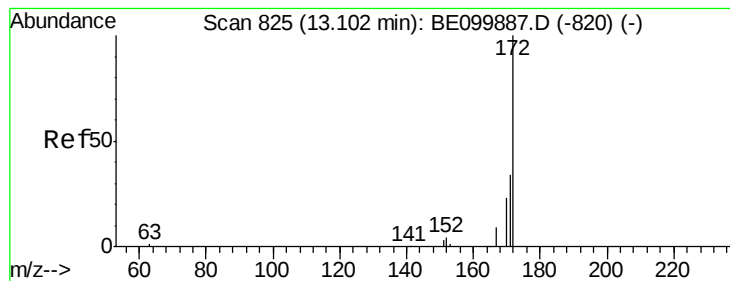
Tot Ion:164 Resp: 2125
 Ion Ratio Lower Upper
 164 100
 162 98.7 77.8 116.8
 160 51.9 38.2 57.4



#14
 2,4,6-Tribromophenol
 Concen: 0.279 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE100049.D
 Acq: 15 Jun 2019 8:34

Tgt Ion:330 Resp: 438
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.7 115.1
 141 27.2 21.0 31.6





#15

2-Fluorobiphenyl

Concen: 0.442 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE100049.D

Acq: 15 Jun 2019 8:34

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190607

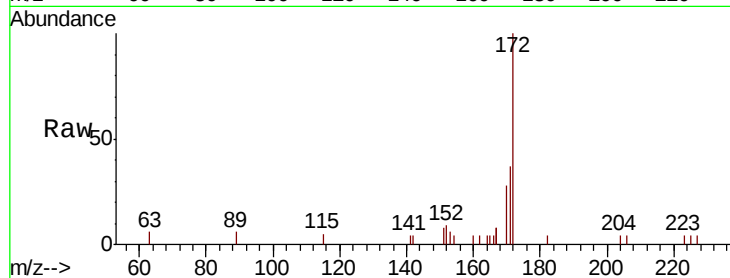
Tot Ion:172 Resp: 3558

Ion Ratio Lower Upper

172 100

171 37.0 29.2 43.8

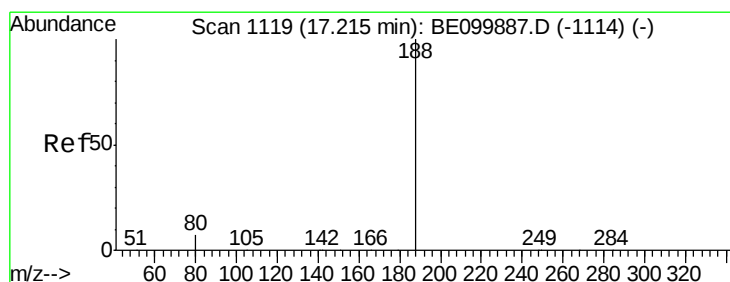
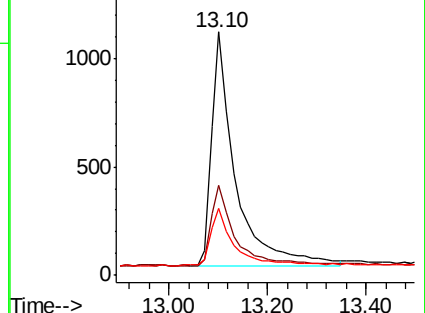
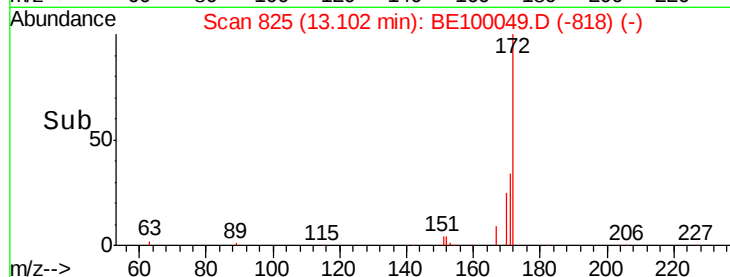
170 27.6 21.2 31.8



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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100049.D

Acq: 15 Jun 2019 8:34

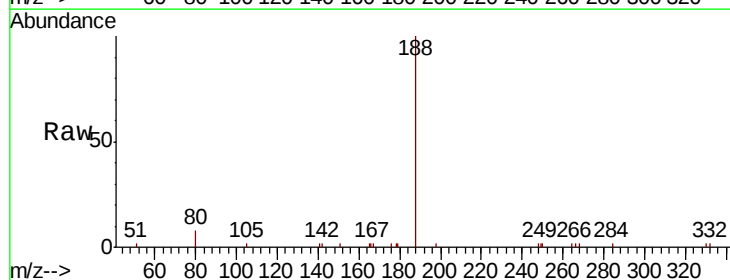
Tgt Ion:188 Resp: 6732

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

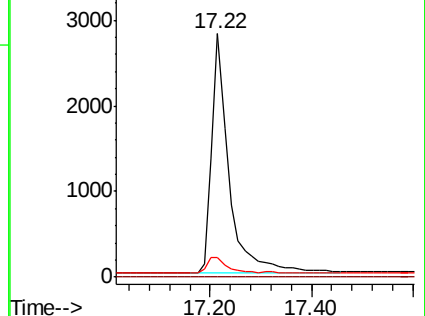
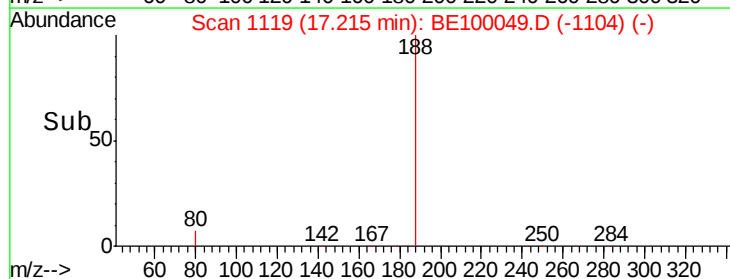
80 8.3 6.4 9.6

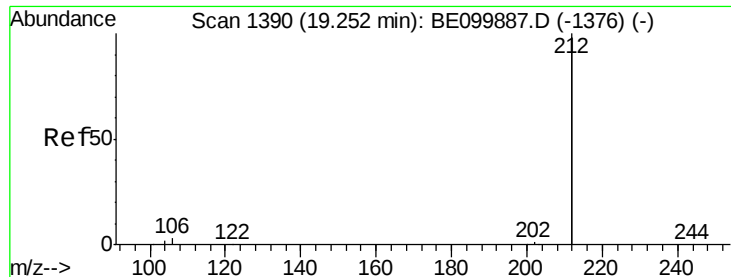


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1

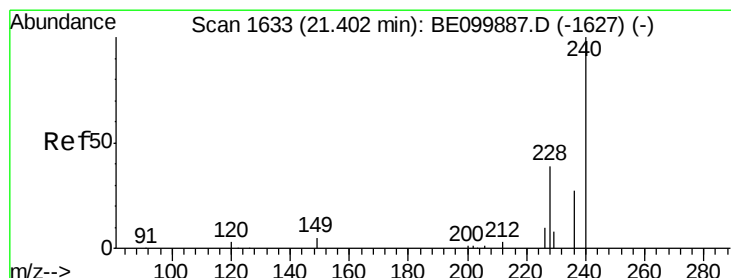
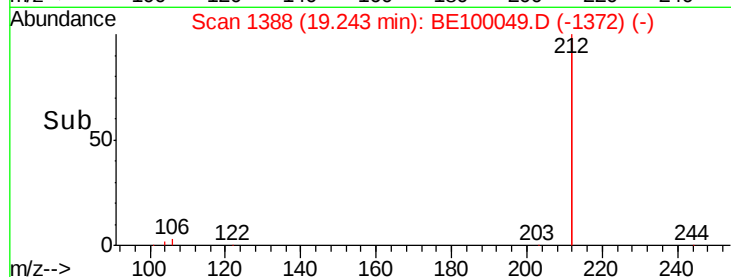
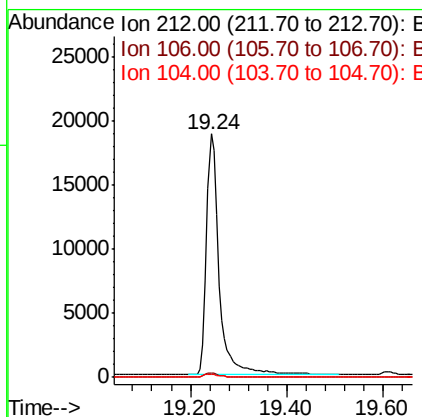
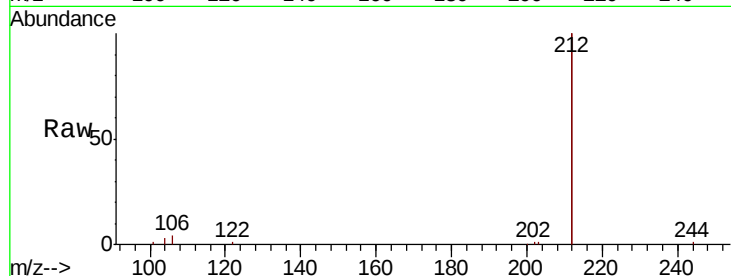




#25
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE100049.D
Acq: 15 Jun 2019 8:34

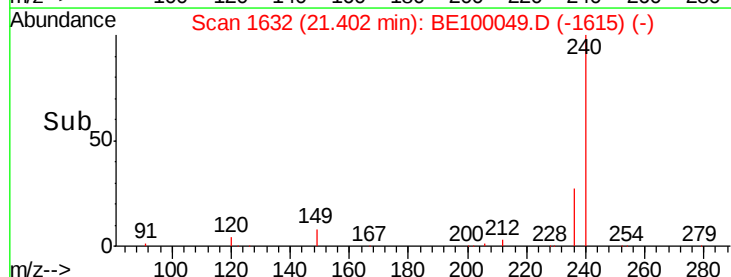
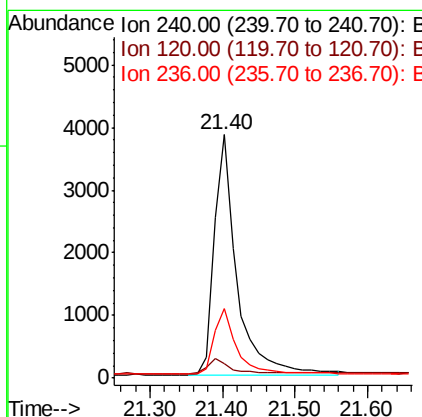
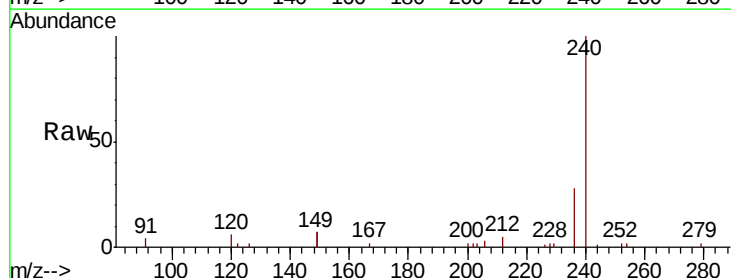
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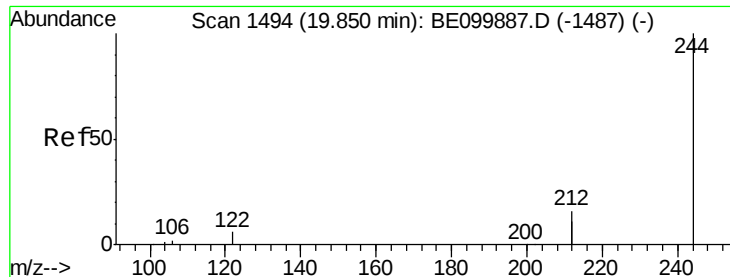
Tot Ion:212 Resp: 34810
Ion Ratio Lower Upper
212 100
106 1.7 1.4 2.2
104 1.2 0.9 1.3



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100049.D
Acq: 15 Jun 2019 8:34

Tgt Ion:240 Resp: 8311
Ion Ratio Lower Upper
240 100
120 6.0 3.8 5.6#
236 28.4 22.0 33.0





#29

Terphenyl-d14

Concen: 0.645 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100049.D

Acq: 15 Jun 2019 8:34

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190607

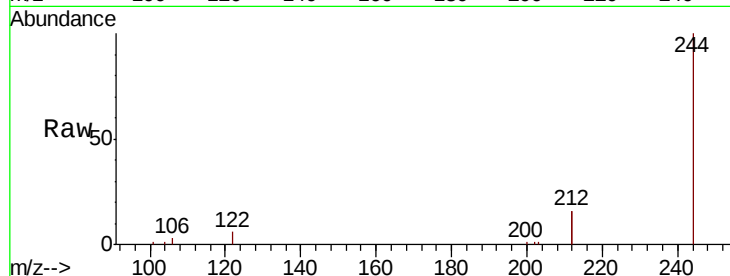
Tot Ion:244 Resp: 9644

Ion Ratio Lower Upper

244 100

212 32.3 25.7 38.5

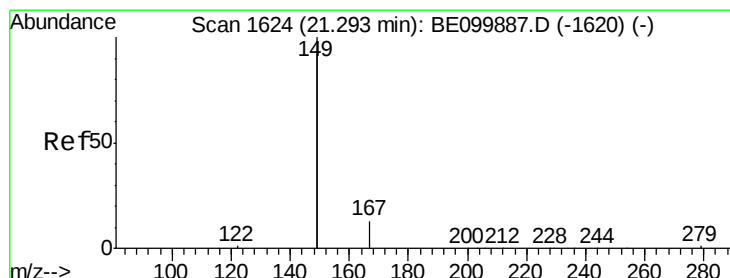
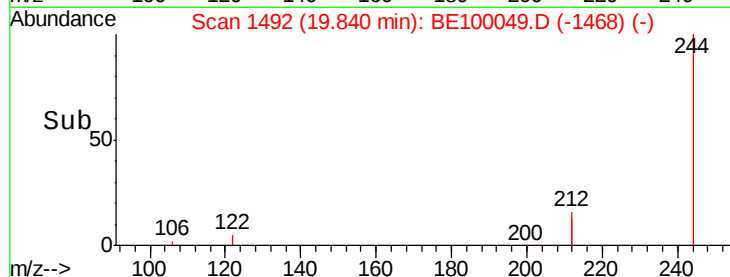
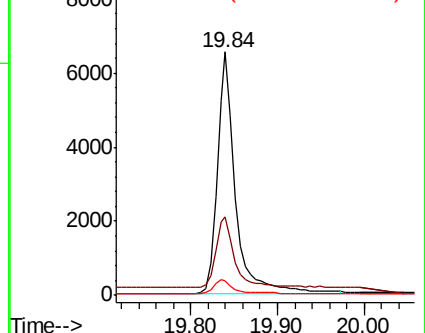
122 6.0 5.5 8.3



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: 0.155 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100049.D

Acq: 15 Jun 2019 8:34

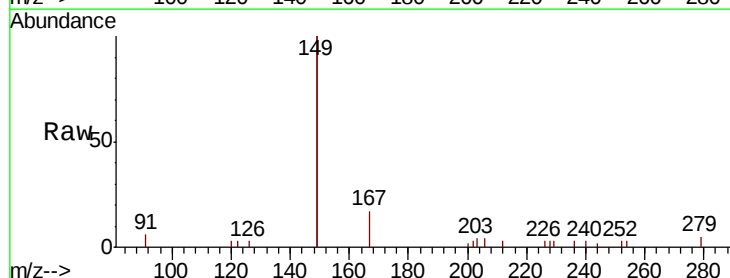
Tgt Ion:149 Resp: 5509

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

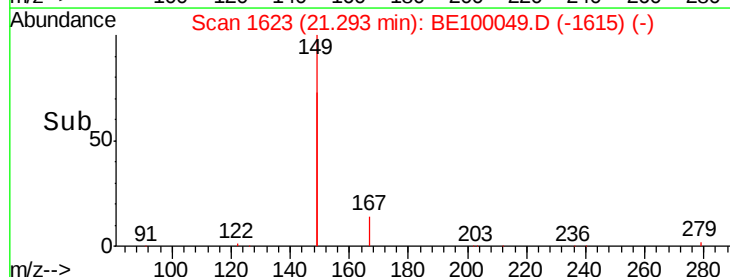
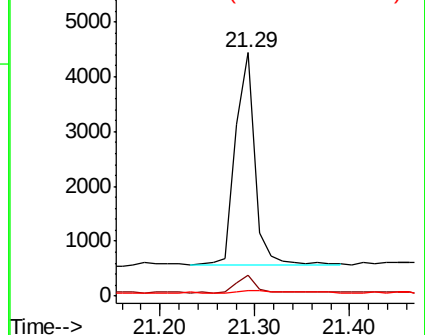
279 1.3 1.2 1.8

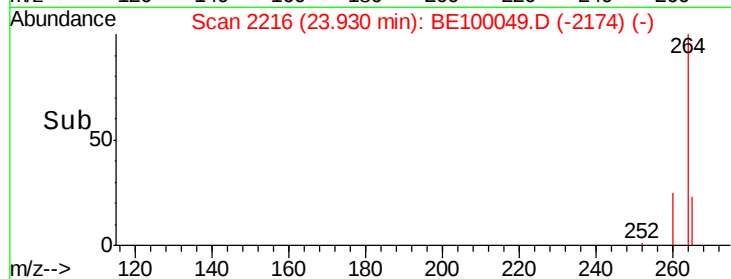
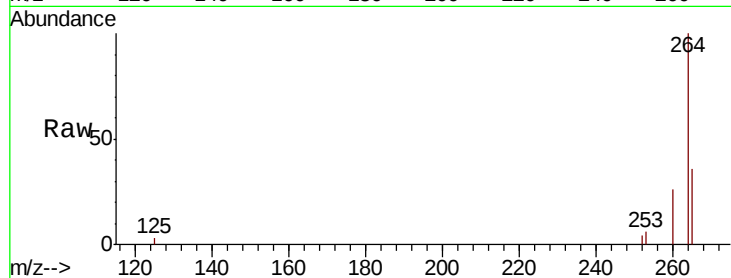


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.93 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BE100049.D

Acq: 15 Jun 2019 8:34

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190607

Tot Ion:264 Resp: 8943

Ion Ratio Lower Upper

264 100

260 26.4 20.2 30.2

265 36.1 22.0 33.0#

