

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099867.D
 Acq On : 7 Jun 2019 23:54
 Operator : JU/SJ
 Sample : K3249-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP05-20190606

Quant Time: Jun 08 05:03:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 15:25:21 2019
 Response via : Initial Calibration

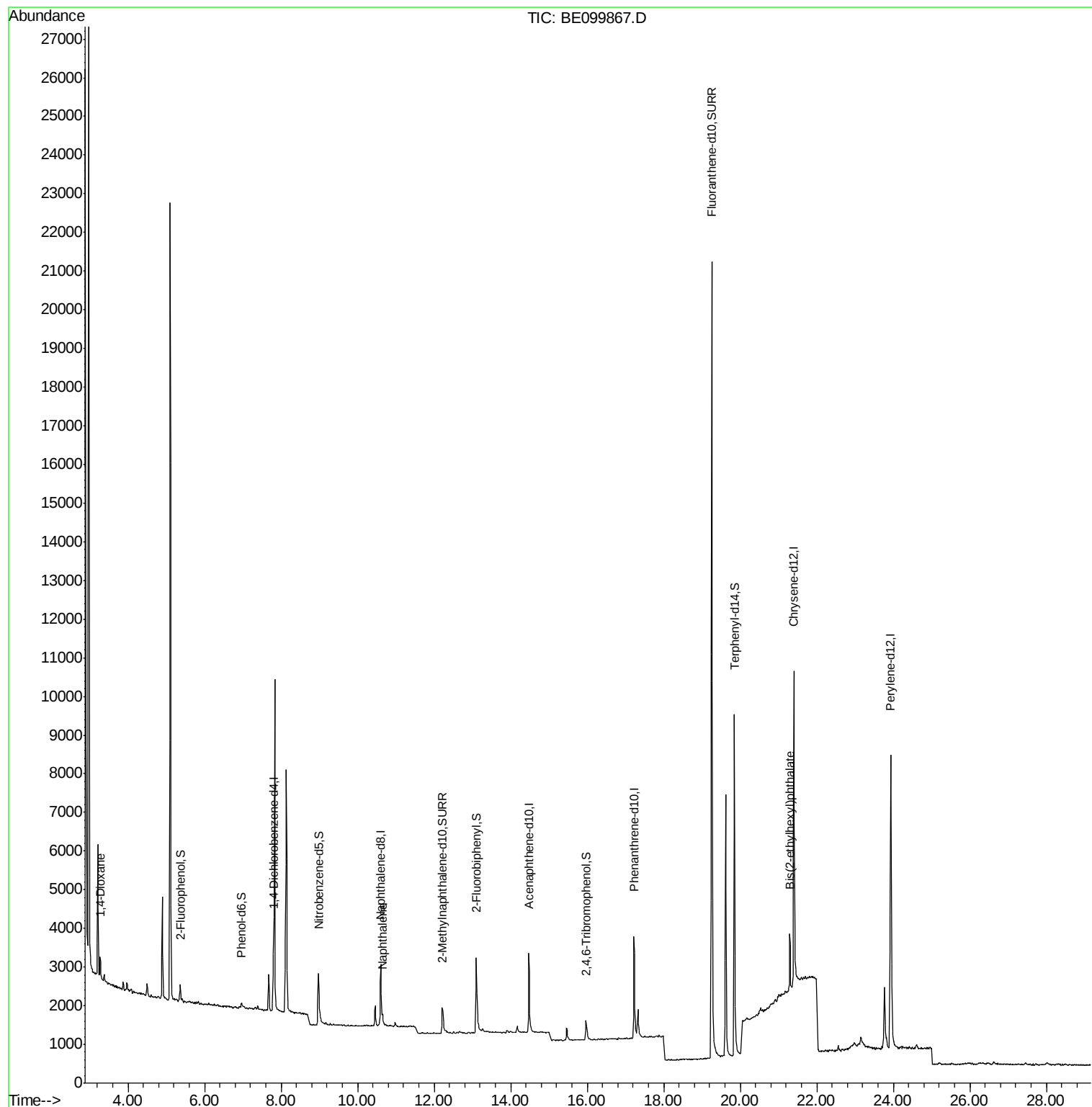
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	711	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2346	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	1599	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5170	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10114	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12180	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	299	0.13	ng	0.00
5) Phenol-d6	6.96	99	253	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	1014	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1439	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	465	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2875	0.50	ng	0.00
25) Fluoranthene-d10	19.25	212	32991	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	9678	0.51	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	442	0.445	ng	# 92
9) Naphthalene	10.65	128	522	0.020	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.29	149	2218	0.042	ng	# 99

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

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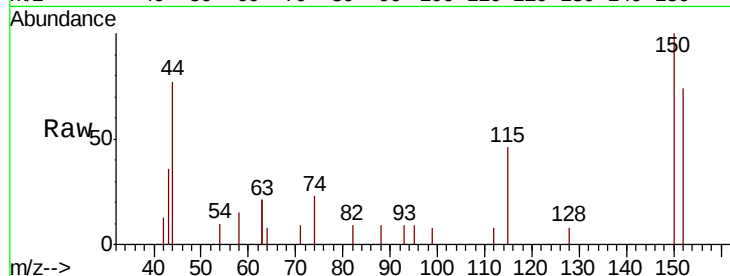


#1

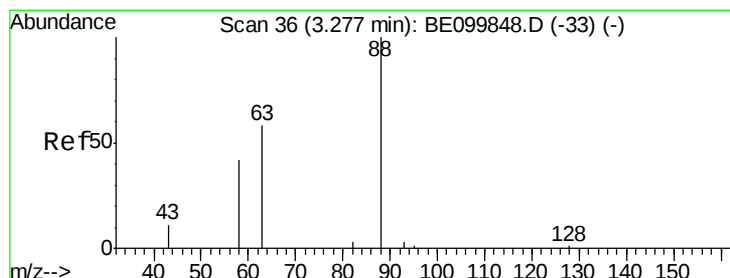
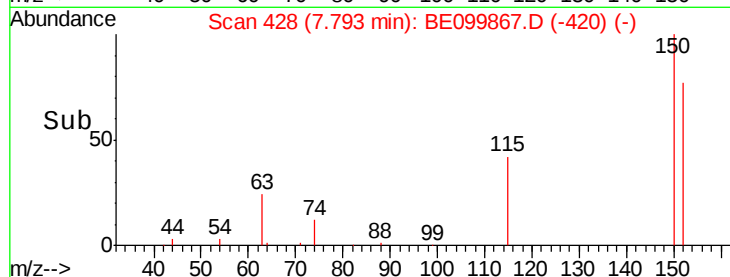
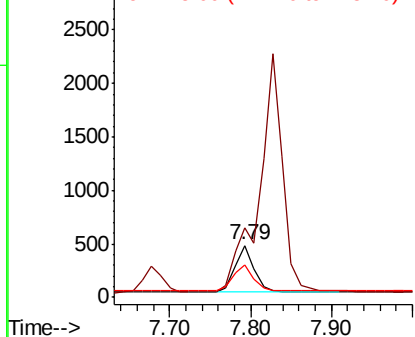
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tot Ion:152 Resp: 711
Ion Ratio Lower Upper
152 100
150 134.6 112.8 169.2
115 61.6 47.6 71.4



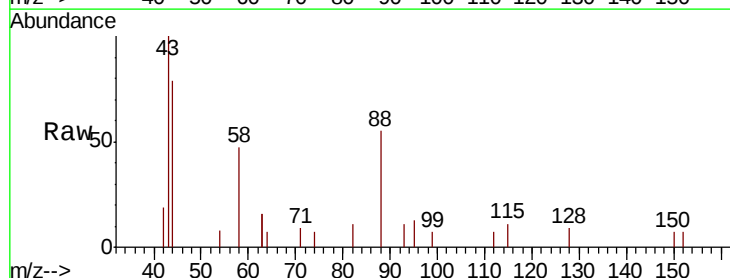
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



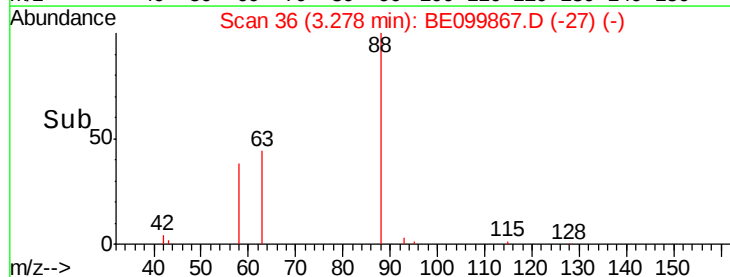
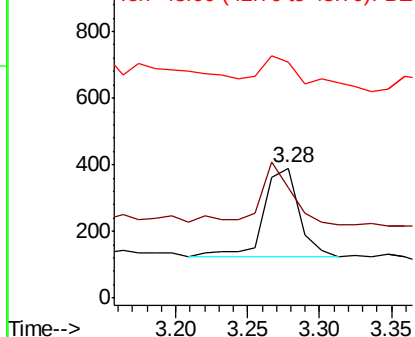
#2

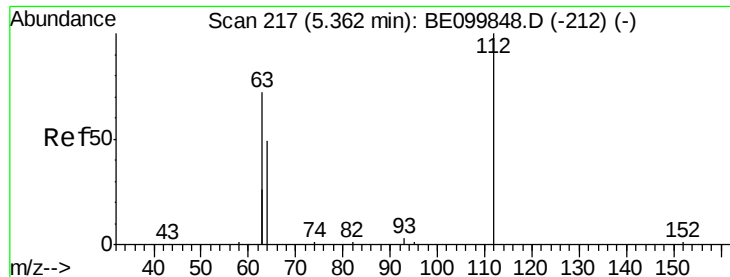
1,4-Dioxane
Concen: 0.445 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion: 88 Resp: 442
Ion Ratio Lower Upper
88 100
58 58.4 47.3 70.9
43 35.3 18.2 27.4#



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: 0.126 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

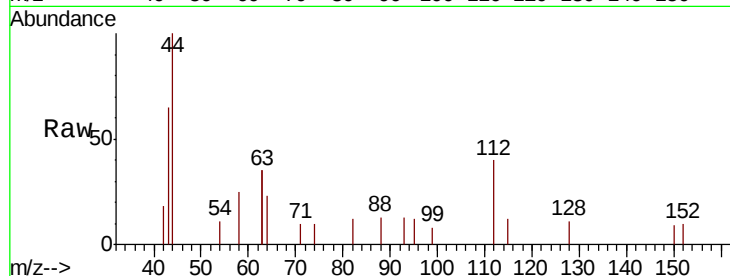
Tot Ion: 112 Resp: 299

Ion Ratio Lower Upper

112 100

64 56.5 47.2 70.8

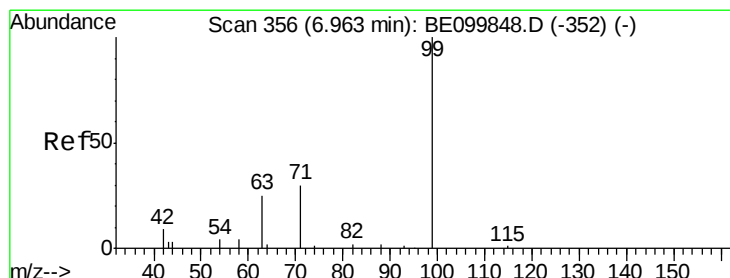
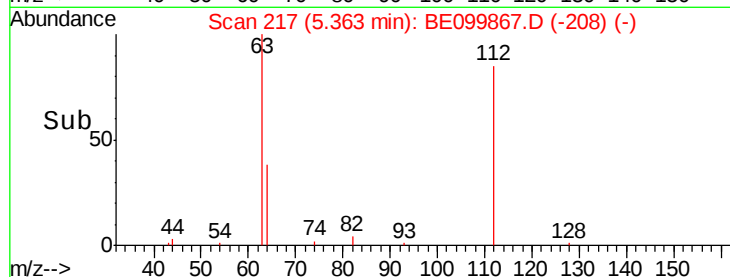
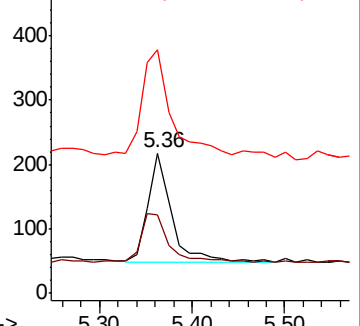
63 114.7 90.7 136.1



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: 0.086 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

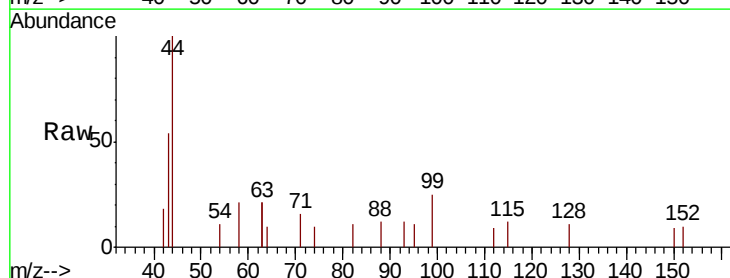
Tgt Ion: 99 Resp: 253

Ion Ratio Lower Upper

99 100

42 17.4 11.0 16.4#

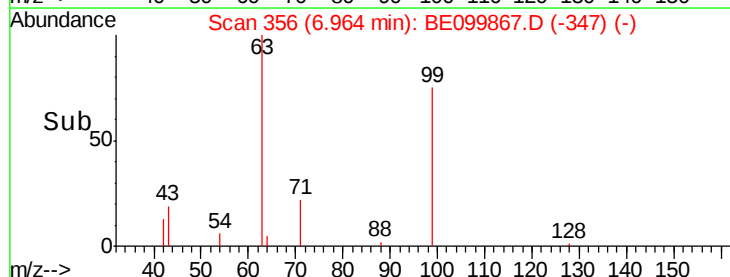
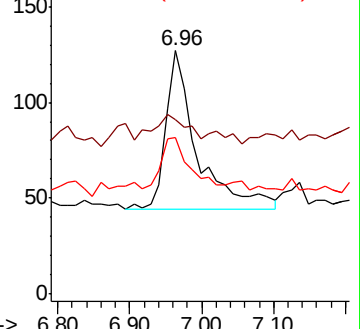
71 25.7 26.1 39.1#

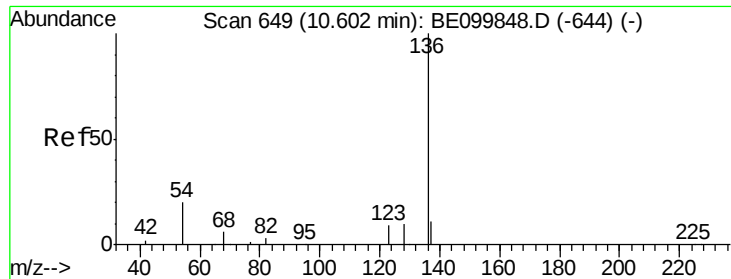


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

Tot Ion:136 Resp: 2346

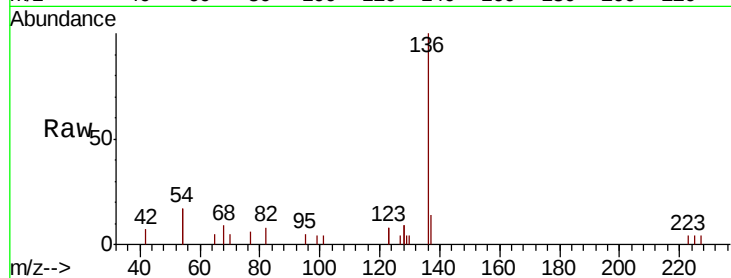
Ion Ratio Lower Upper

136 100

137 14.3 11.1 16.7

54 33.2 17.9 26.9#

68 9.4 5.4 8.0#

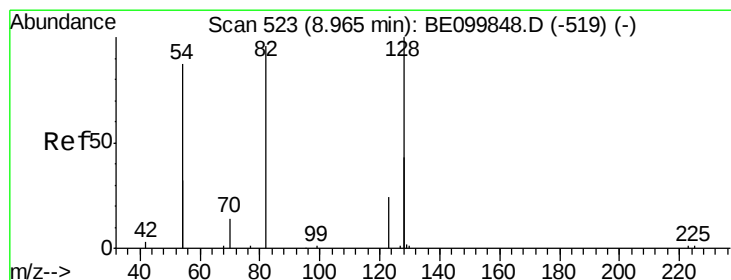
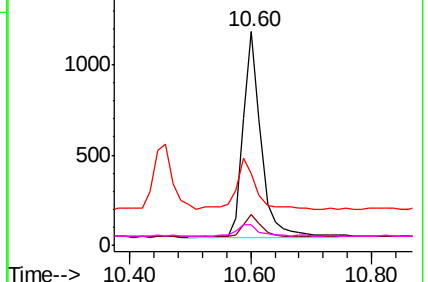
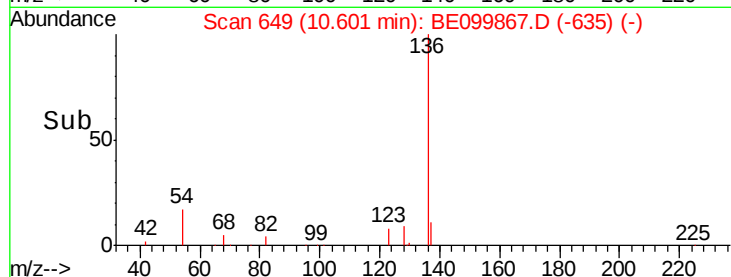


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.428 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

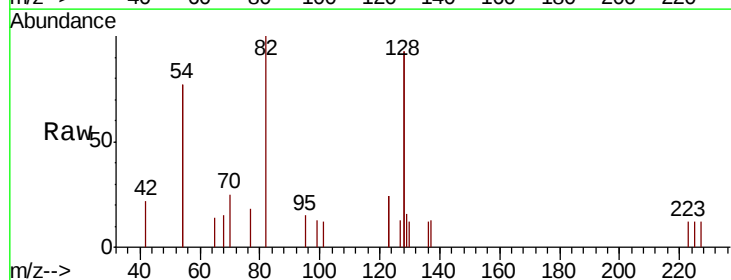
Tgt Ion: 82 Resp: 1014

Ion Ratio Lower Upper

82 100

128 186.2 116.6 175.0#

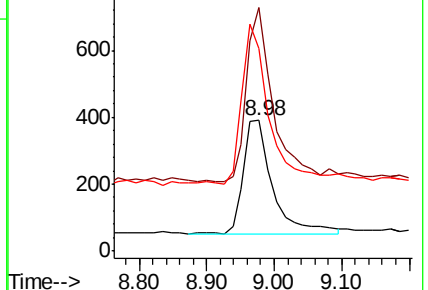
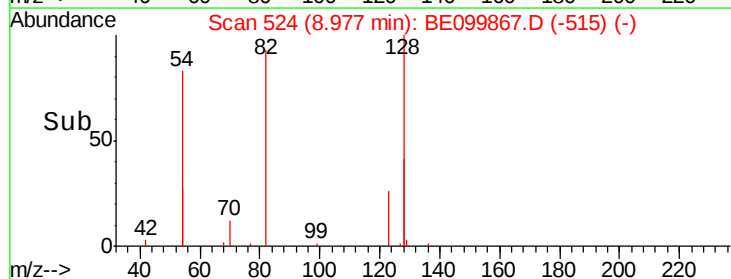
54 154.5 136.2 204.4

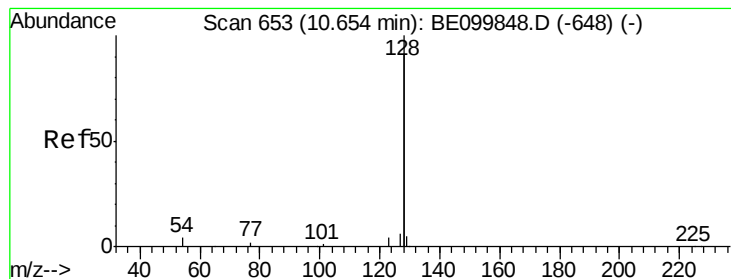


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.020 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

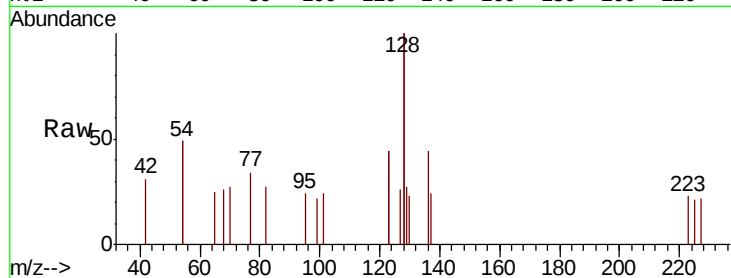
Tot Ion:128 Resp: 522

Ion Ratio Lower Upper

128 100

129 13.4 2.6 4.0#

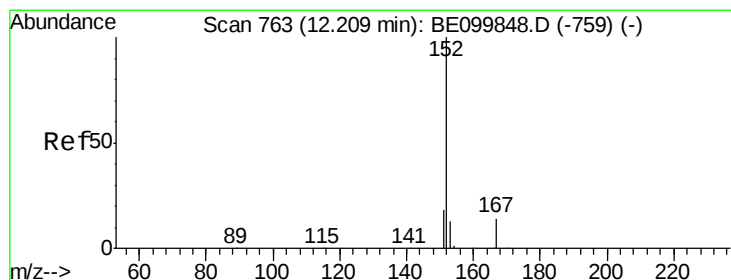
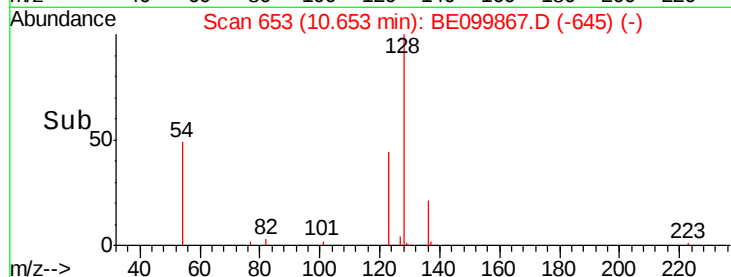
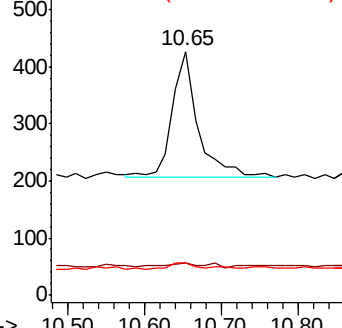
127 13.1 3.0 4.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.339 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099867.D

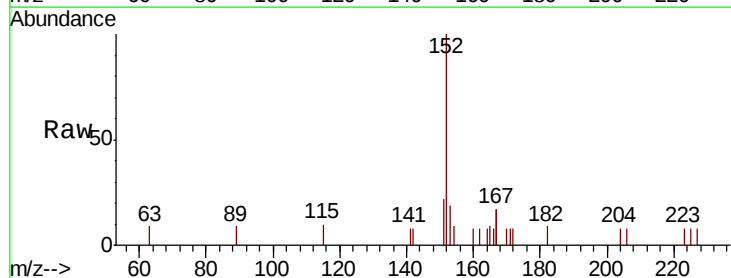
Acq: 7 Jun 2019 23:54

Tgt Ion:152 Resp: 1439

Ion Ratio Lower Upper

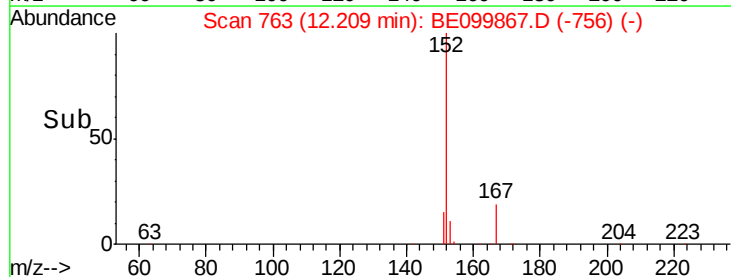
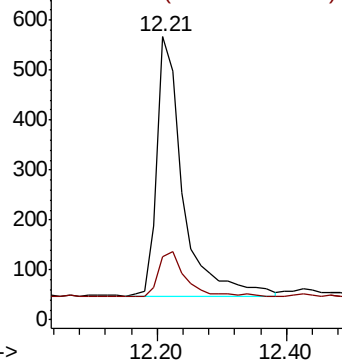
152 100

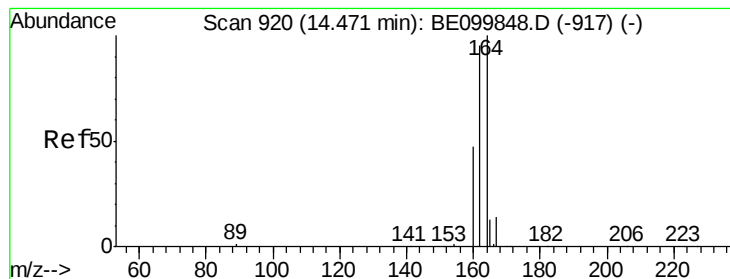
151 18.3 15.8 23.8



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: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

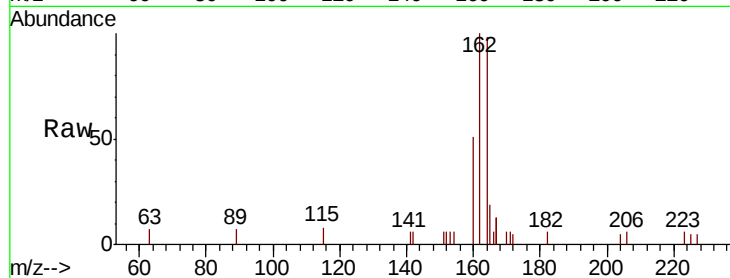
Tot Ion:164 Resp: 1599

Ion Ratio Lower Upper

164 100

162 102.4 77.2 115.8

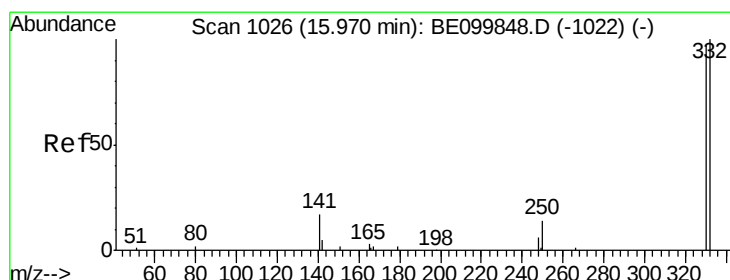
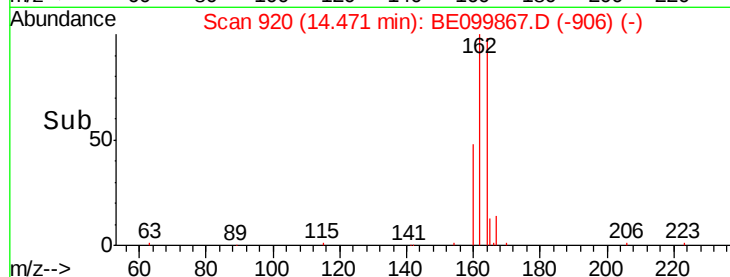
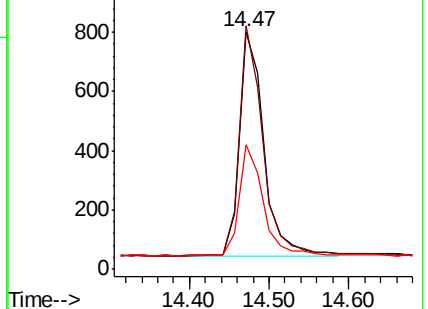
160 52.6 39.4 59.2



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: 0.294 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

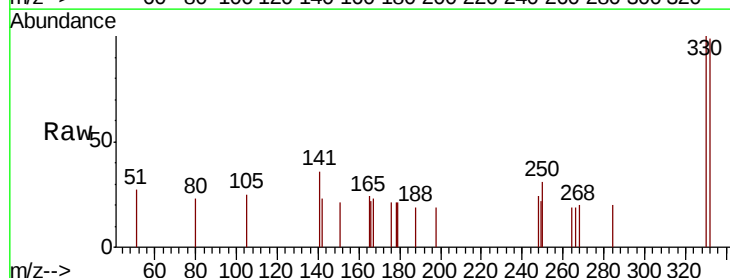
Tgt Ion:330 Resp: 465

Ion Ratio Lower Upper

330 100

332 100.4 74.9 112.3

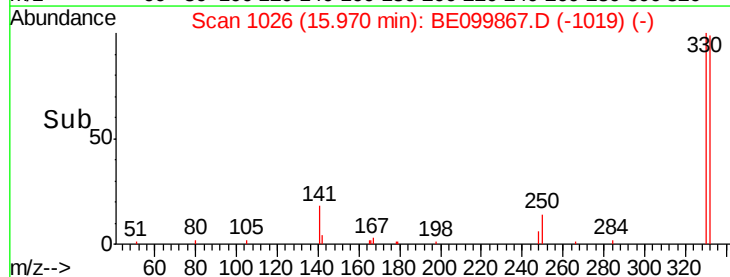
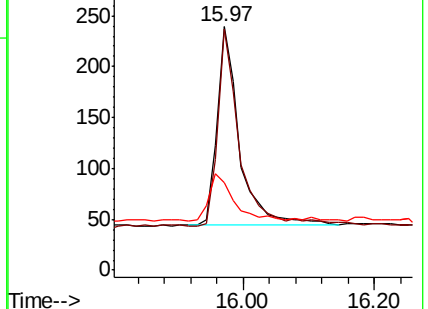
141 26.7 16.0 24.0#

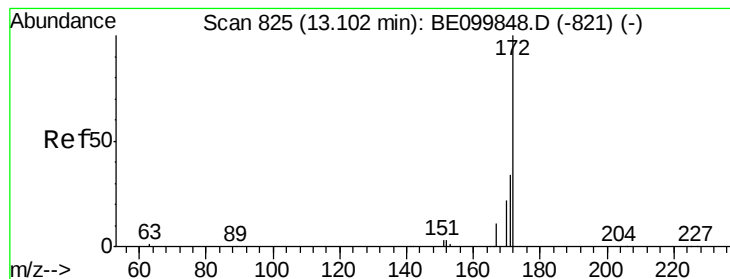


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

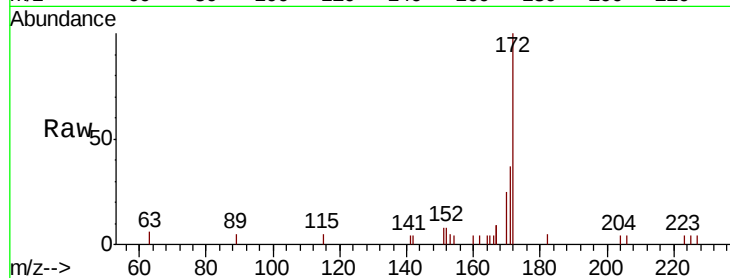




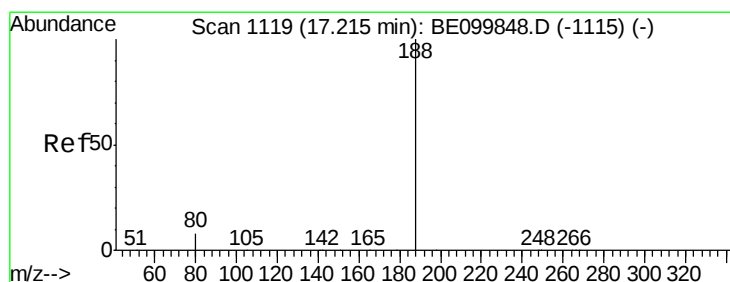
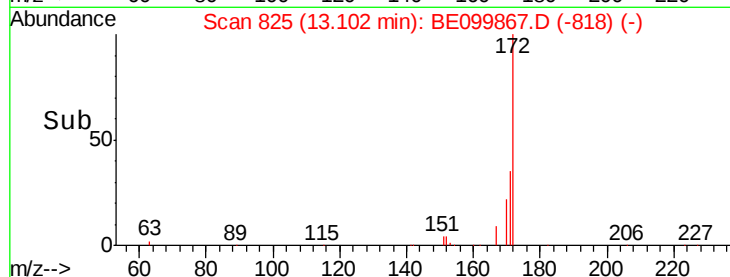
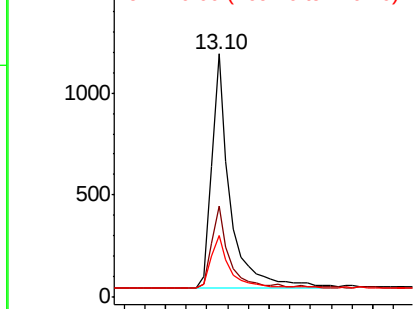
#15
2-Fluorobiphenyl
Concen: 0.498 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
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Tot Ion:172 Resp: 2875
Ion Ratio Lower Upper
172 100
171 37.3 30.2 45.4
170 25.2 20.1 30.1

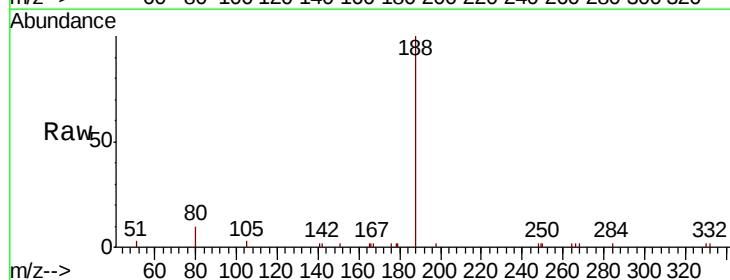


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

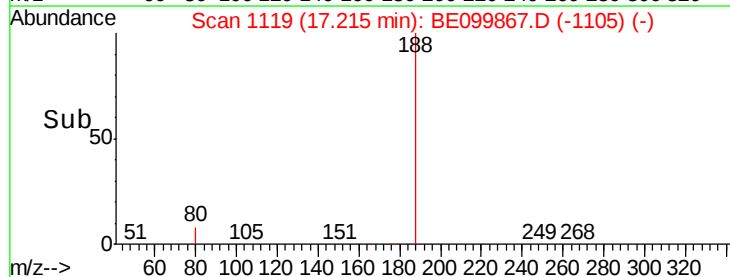
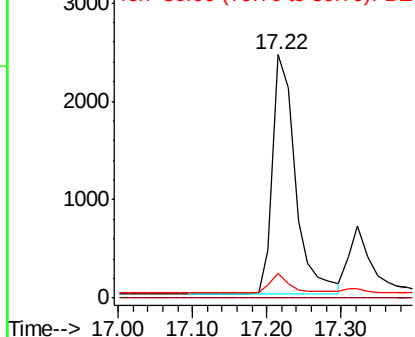


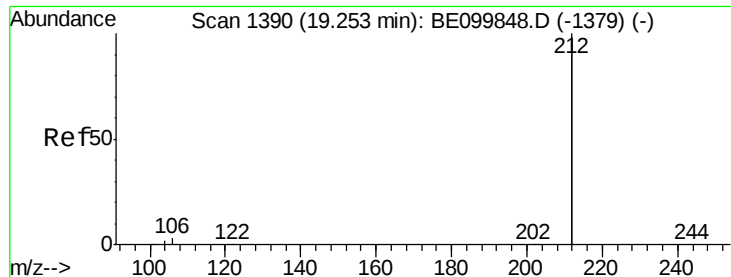
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:188 Resp: 5170
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 5.2 7.8#



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

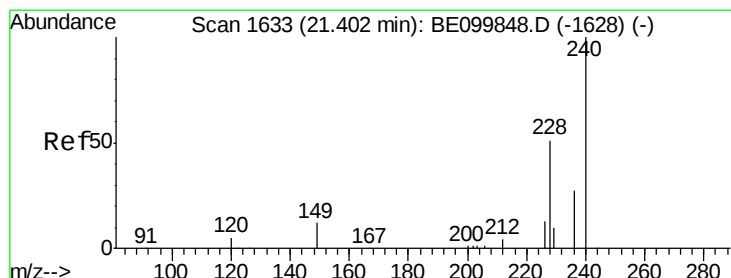
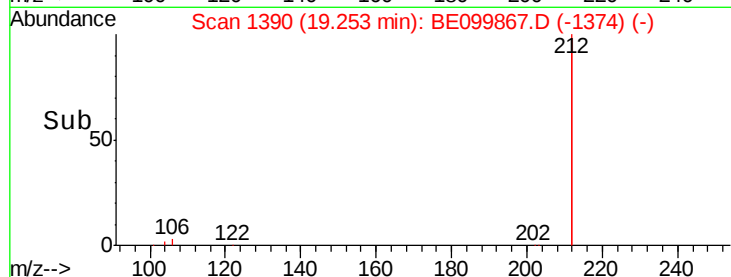
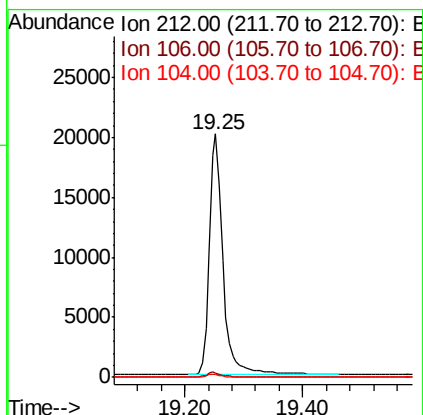
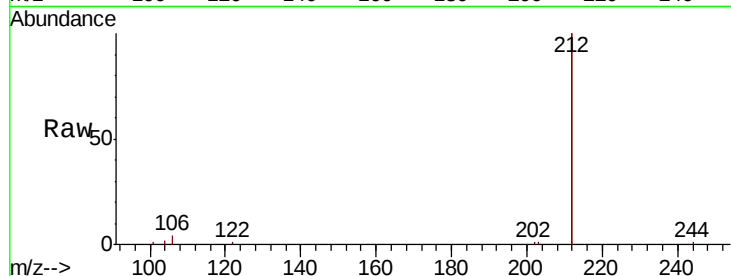




#25
 Fluoranthene-d10
 Concen: 0.412 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE099867.D
 Acq: 7 Jun 2019 23:54

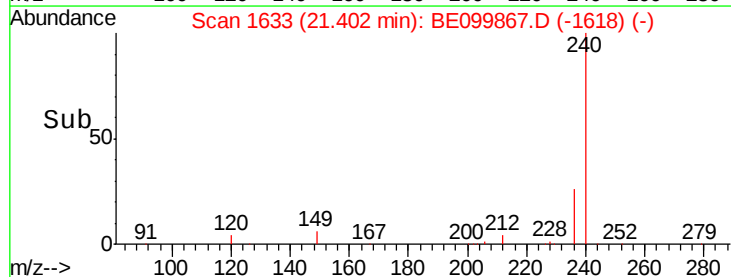
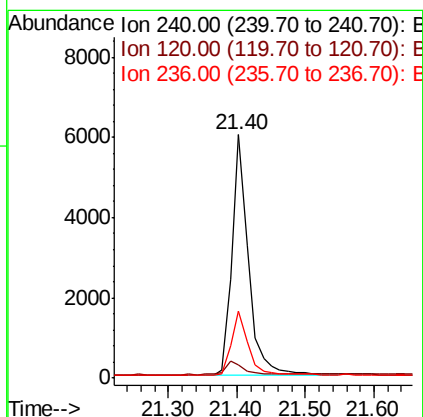
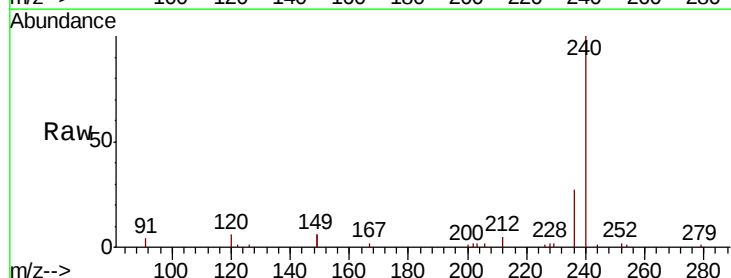
Instrument :
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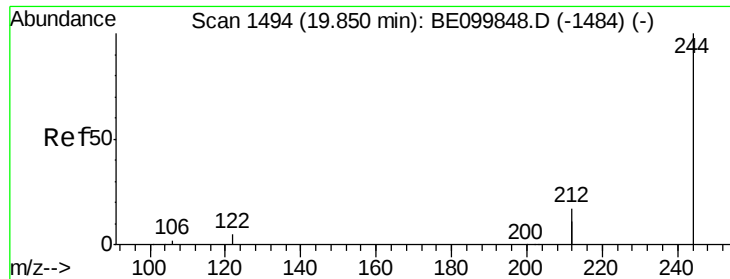
Tot Ion:212 Resp: 32991
 Ion Ratio Lower Upper
 212 100
 106 1.7 1.4 2.0
 104 1.0 0.8 1.2



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099867.D
 Acq: 7 Jun 2019 23:54

Tgt Ion:240 Resp: 10114
 Ion Ratio Lower Upper
 240 100
 120 5.6 2.8 4.2#
 236 27.4 20.9 31.3





#29

Terphenyl-d14

Concen: 0.513 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

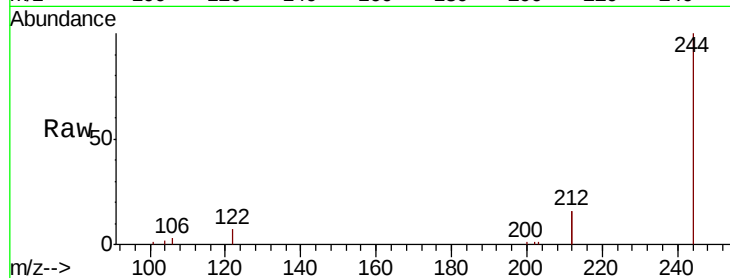
Tot Ion:244 Resp: 9678

Ion Ratio Lower Upper

244 100

212 31.4 23.7 35.5

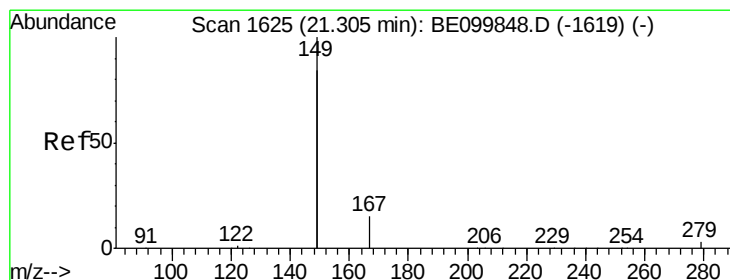
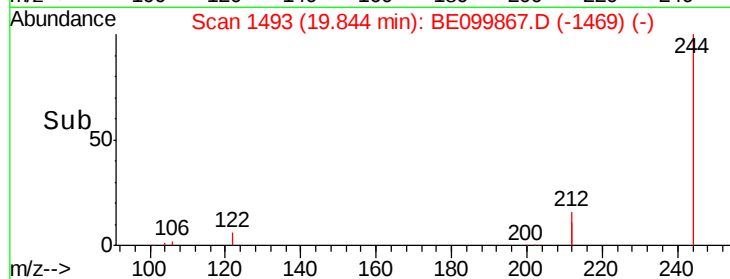
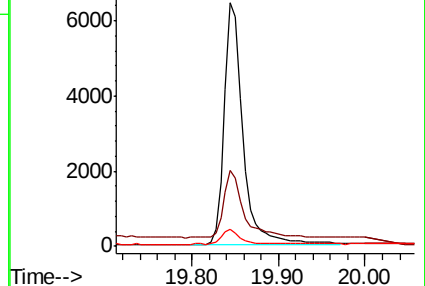
122 7.0 4.8 7.2



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: 0.042 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

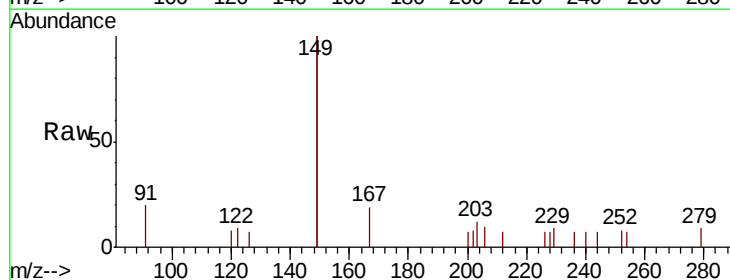
Tgt Ion:149 Resp: 2218

Ion Ratio Lower Upper

149 100

167 7.4 6.0 9.0

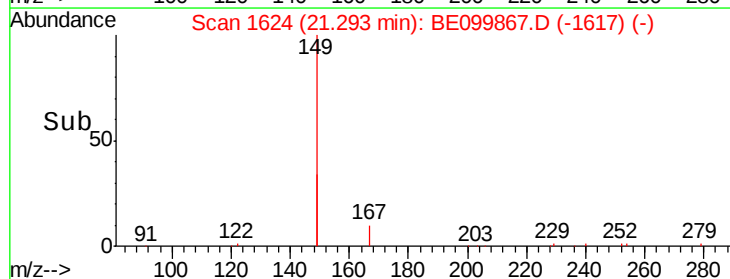
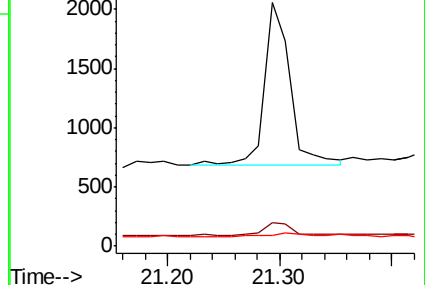
279 4.1 1.2 1.8#

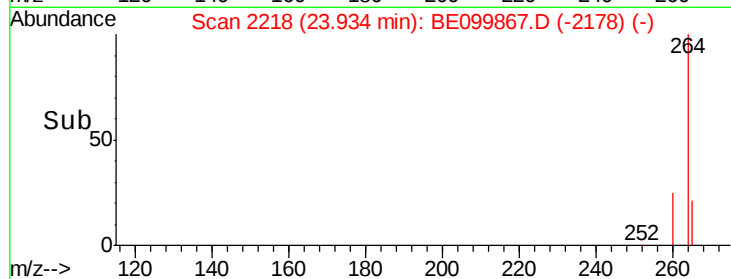
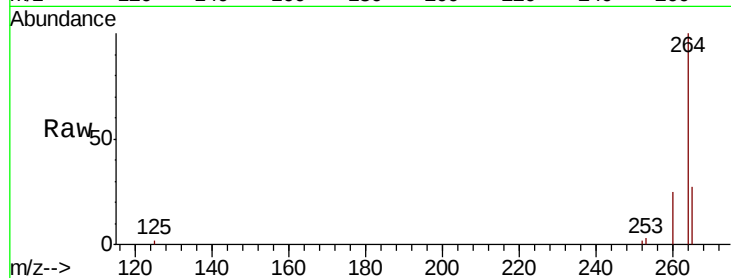
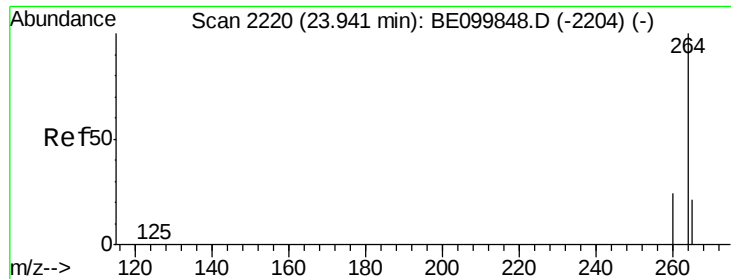


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2218

Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

Tot Ion:264 Resp: 12180

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

265 27.5 20.7 31.1

