

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100048.D
 Acq On : 15 Jun 2019 7:59
 Operator : JU/SJ
 Sample : K3315-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP04-20190607

Quant Time: Jun 17 01:10:39 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

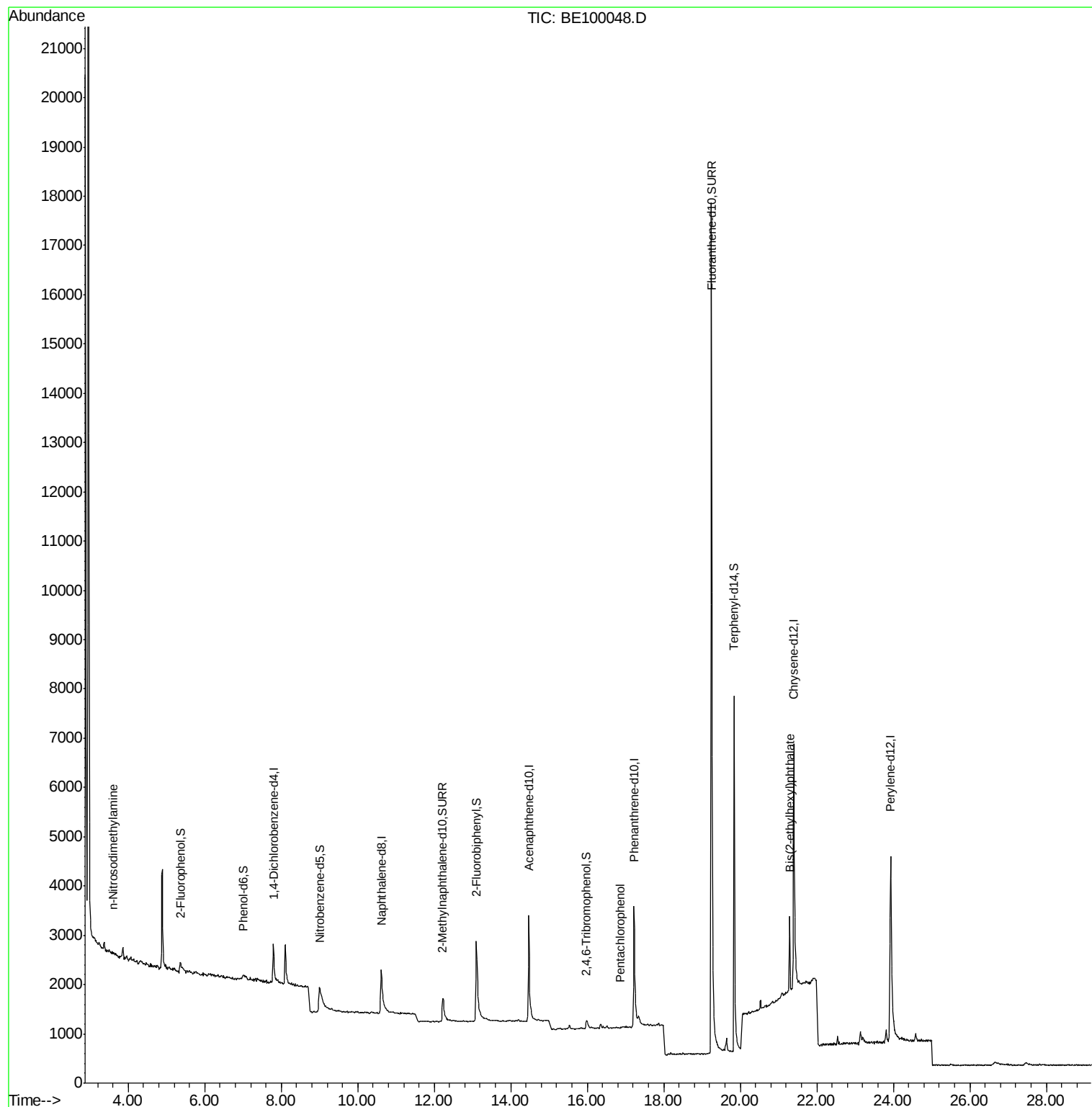
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	659	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	2318	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2007	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6309	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7911	0.40	ng	0.00
34) Perylene-d12	23.93	264	8793	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	260	0.15	ng	0.00
5) Phenol-d6	7.00	99	189	0.08	ng	0.03
8) Nitrobenzene-d5	9.00	82	751	0.34	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	1453	0.36	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	257	0.17	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	3462	0.45	ng	0.00
25) Fluoranthene-d10	19.25	212	32475	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	8816	0.62	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.60	42	12	0.021	ng	# 100
22) Pentachlorophenol	16.87	266	5	0.303	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.29	149	2273	0.067	ng	# 99

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

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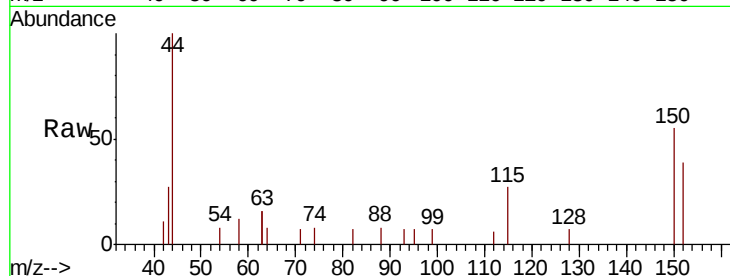


#1

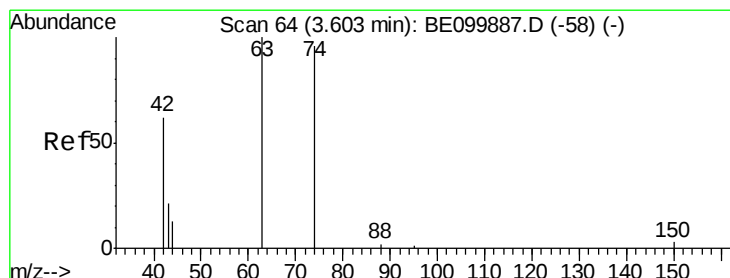
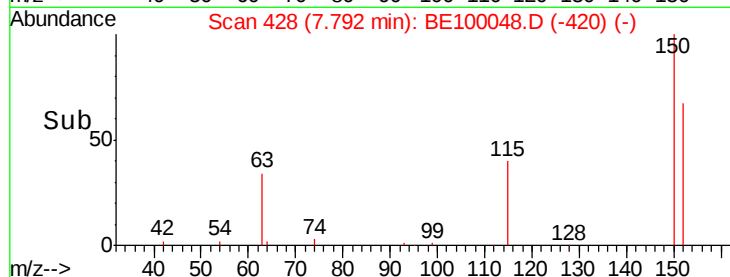
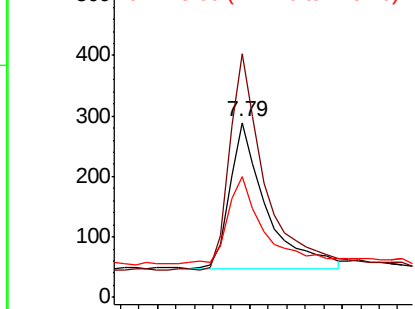
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100048.D
Acq: 15 Jun 2019 7:59

Instrument :
BNA_E
ClientSampleId :
DUP04-20190607

Tgt Ion:152 Resp: 659
Ion Ratio Lower Upper
152 100
150 139.4 111.0 166.6
115 68.9 50.7 76.1



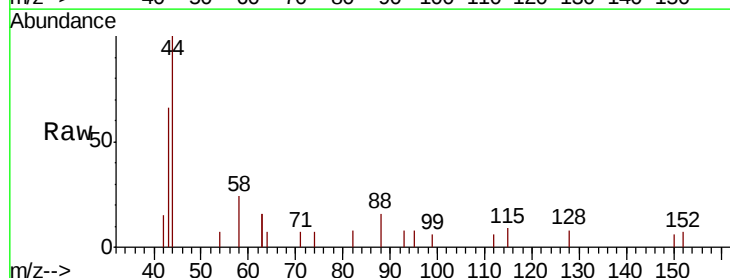
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



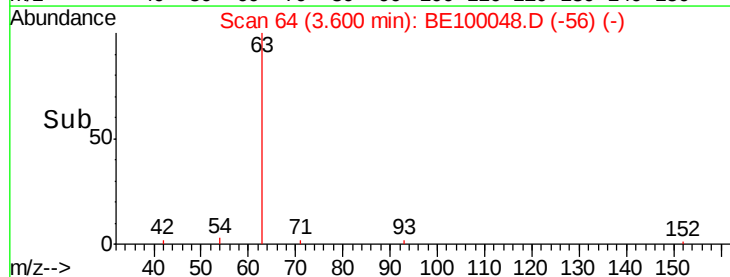
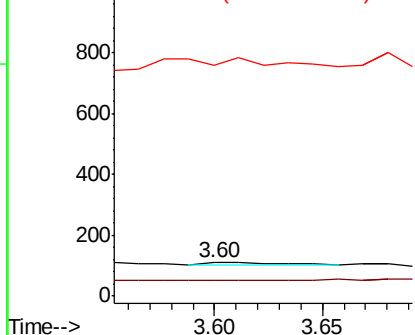
#3

n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.00 min
Lab File: BE100048.D
Acq: 15 Jun 2019 7:59

Tgt Ion: 42 Resp: 12
Ion Ratio Lower Upper
42 100
74 25.0 0.0 0.0#
44 566.7 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.146 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100048.D

Acq: 15 Jun 2019 7:59

Instrument :

BNA_E

ClientSampleId :

DUP04-20190607

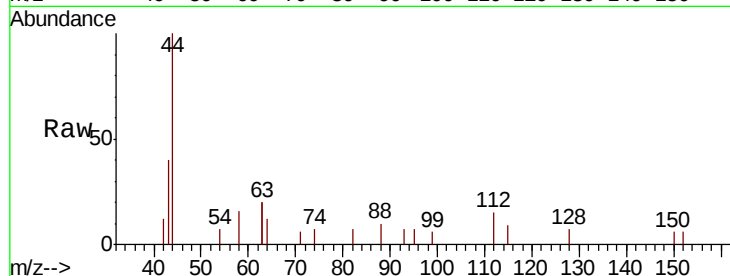
Tgt Ion: 112 Resp: 260

Ion Ratio Lower Upper

112 100

64 59.2 44.1 66.1

63 146.2 87.8 131.6#

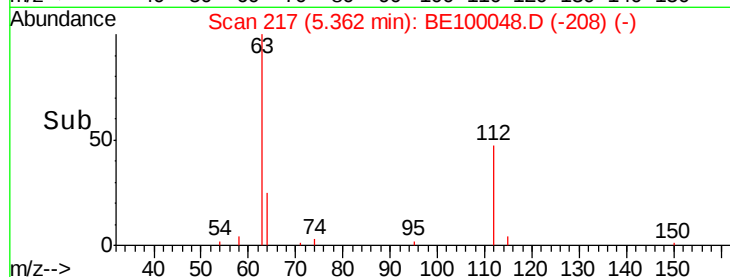


Abundance Ion 112.00 (111.70 to 112.70): BE1

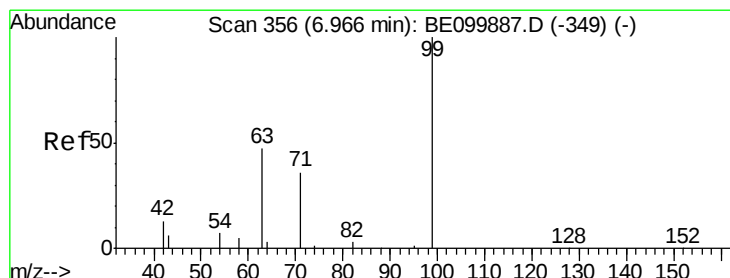
Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Time-->



Time-->



#5

Phenol-d6

Concen: 0.083 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE100048.D

Acq: 15 Jun 2019 7:59

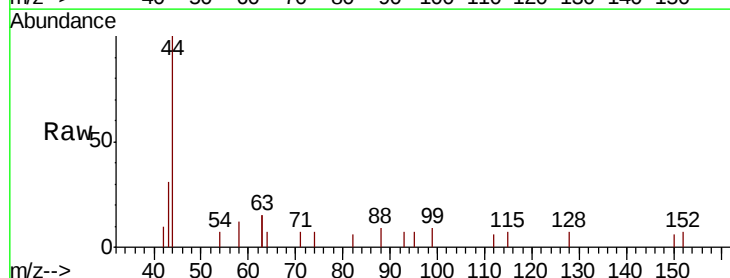
Tgt Ion: 99 Resp: 189

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 0.0 34.6 52.0#

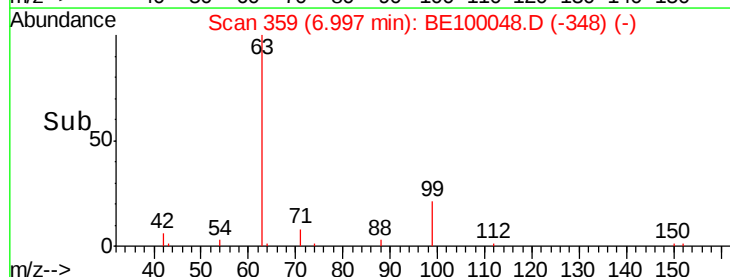


Abundance Ion 99.00 (98.70 to 99.70): BE1

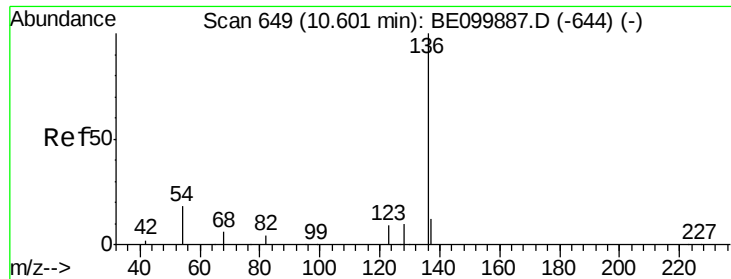
Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.62 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE100048.D

Acq: 15 Jun 2019 7:59

Instrument :

BNA_E

ClientSampleId :

DUP04-20190607

Tgt Ion: 136 Resp: 2318

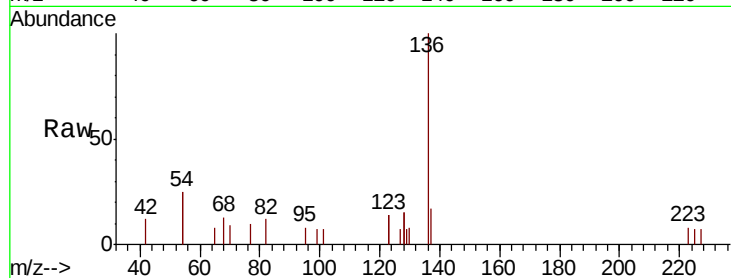
Ion Ratio Lower Upper

136 100

137 17.4 12.3 18.5

54 49.2 28.2 42.4#

68 13.1 7.8 11.8#

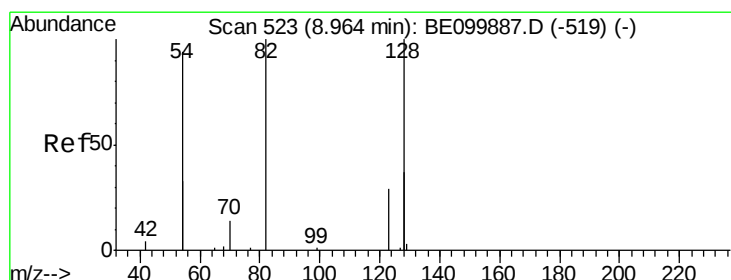
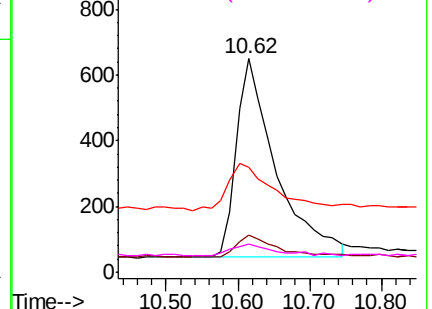
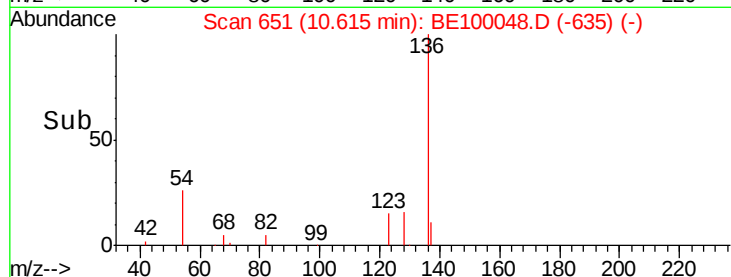


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.342 ng

RT: 9.00 min Scan# 527

Delta R.T. 0.04 min

Lab File: BE100048.D

Acq: 15 Jun 2019 7:59

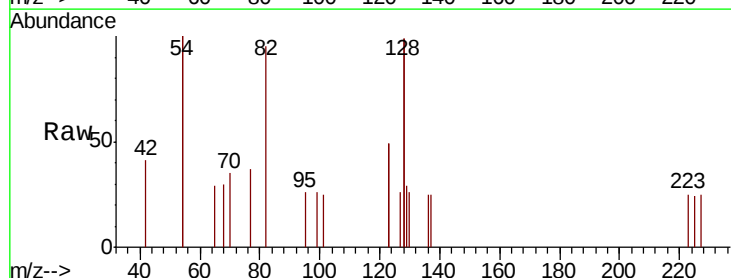
Tgt Ion: 82 Resp: 751

Ion Ratio Lower Upper

82 100

128 207.9 137.3 205.9#

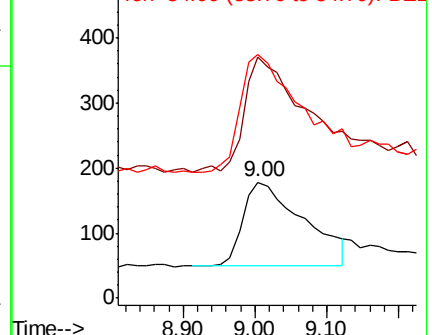
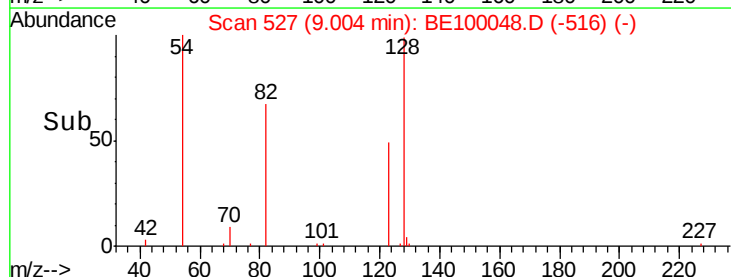
54 210.1 129.7 194.5#

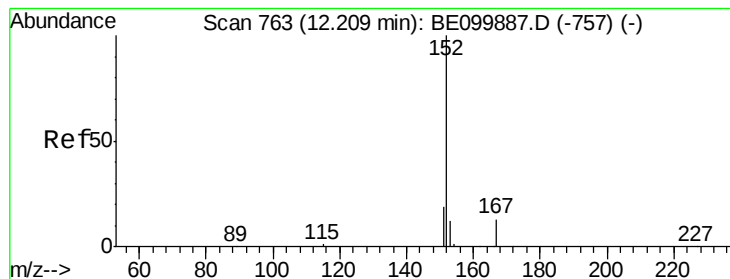


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.22 min Scan# 765

Delta R.T. 0.02 min

Lab File: BE100048.D

Acq: 15 Jun 2019 7:59

Instrument :

BNA_E

ClientSampleId :

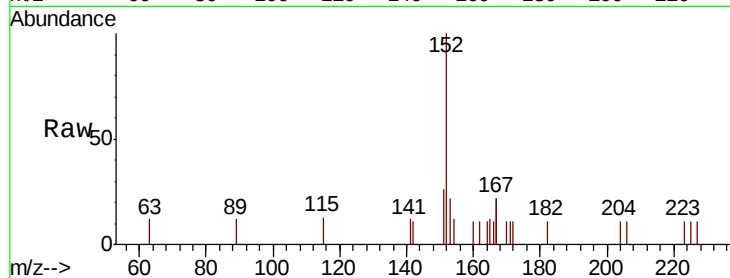
DUP04-20190607

Tgt Ion:152 Resp: 1453

Ion Ratio Lower Upper

152 100

151 18.8 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

400

300

200

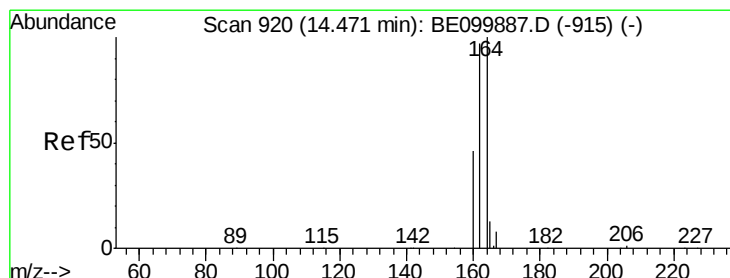
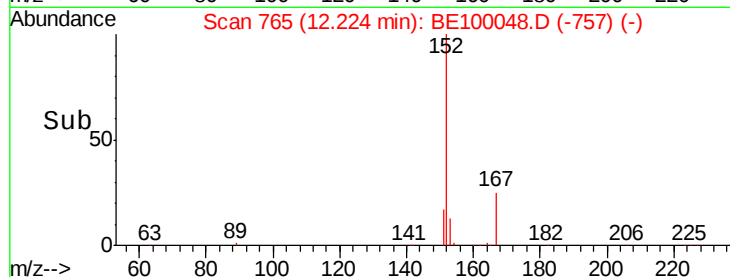
100

0

12.20

12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE100048.D

Acq: 15 Jun 2019 7:59

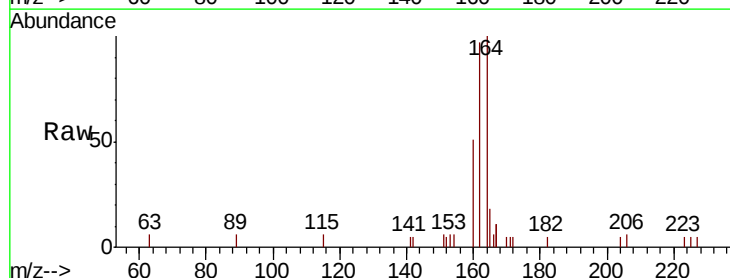
Tgt Ion:164 Resp: 2007

Ion Ratio Lower Upper

164 100

162 96.8 77.8 116.8

160 51.3 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

1200

1000

800

600

400

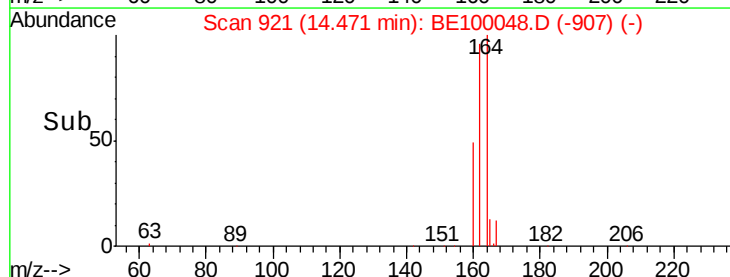
200

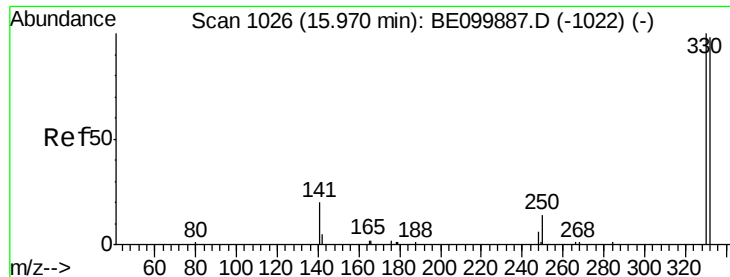
0

14.40

14.60

Time-->

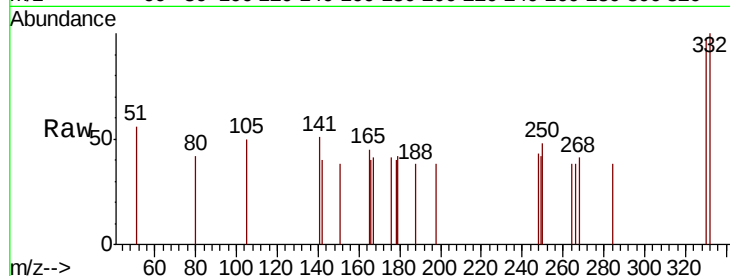




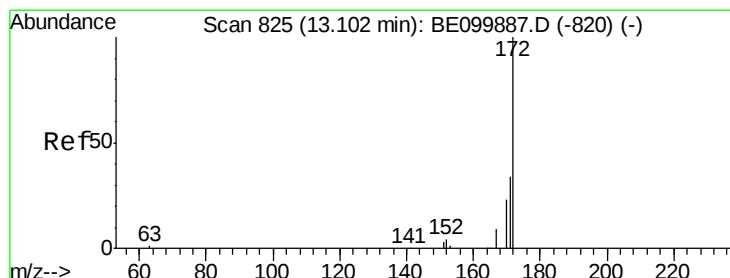
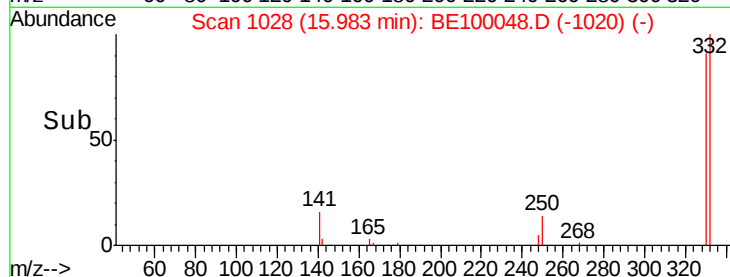
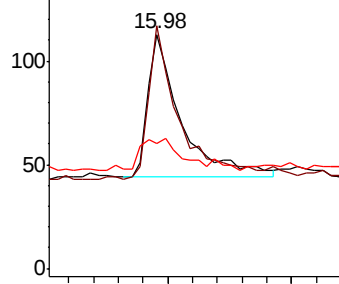
#14
 2,4,6-Tribromophenol
 Concen: 0.173 ng
 RT: 15.98 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE100048.D
 Acq: 15 Jun 2019 7:59

Instrument :
 BNA_E
 ClientSampleId :
 DUP04-20190607

Tgt Ion: 330 Resp: 257
 Ion Ratio Lower Upper
 330 100
 332 100.0 76.7 115.1
 141 27.6 21.0 31.6

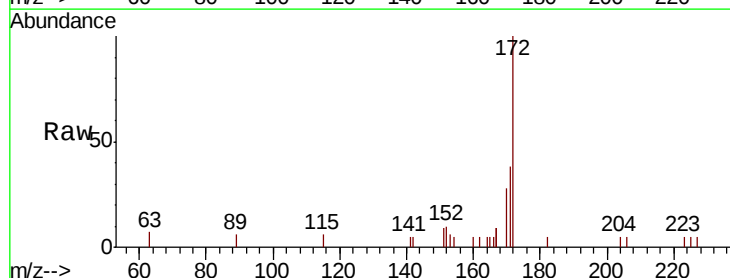


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

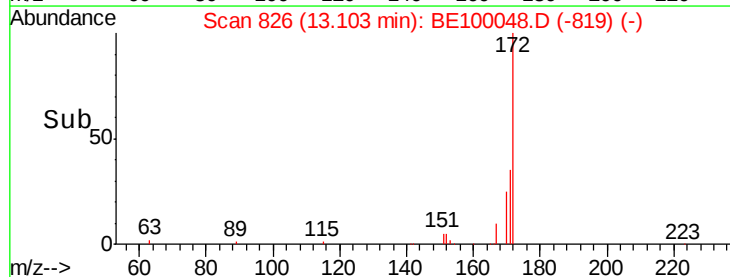
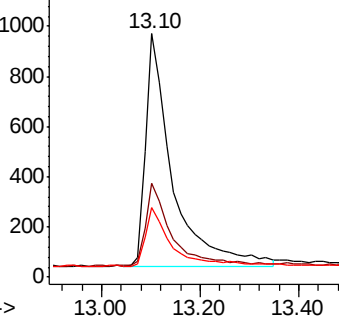


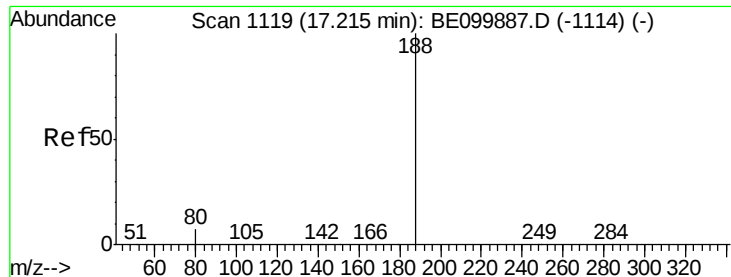
#15
 2-Fluorobiphenyl
 Concen: 0.455 ng
 RT: 13.10 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE100048.D
 Acq: 15 Jun 2019 7:59

Tgt Ion: 172 Resp: 3462
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.2 43.8
 170 28.3 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# 1120

Delta R.T. -0.00 min

Lab File: BE100048.D

Acq: 15 Jun 2019 7:59

Instrument :

BNA_E

ClientSampleId :

DUP04-20190607

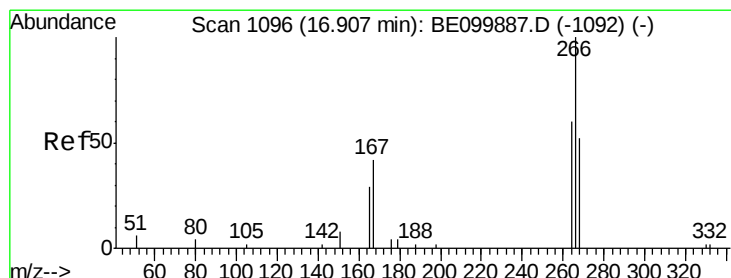
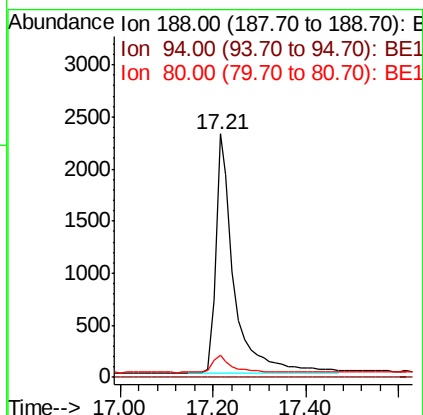
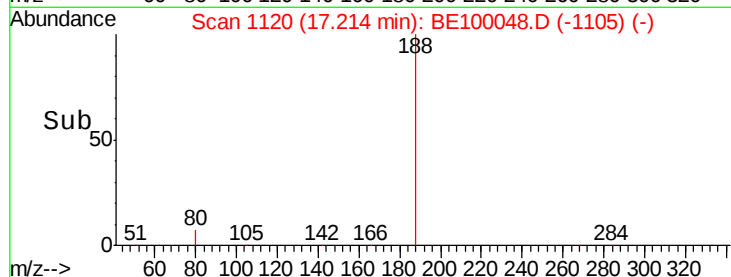
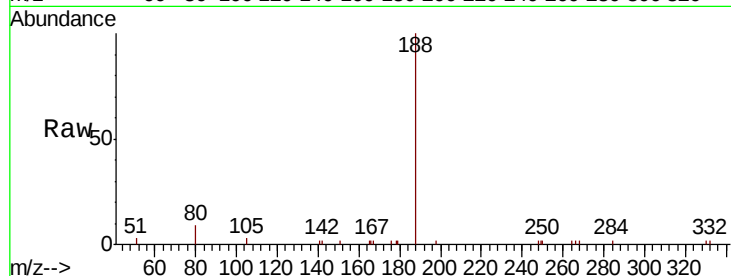
Tgt Ion:188 Resp: 6309

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 6.4 9.6



#22

Pentachlorophenol

Concen: 0.303 ng

RT: 16.87 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BE100048.D

Acq: 15 Jun 2019 7:59

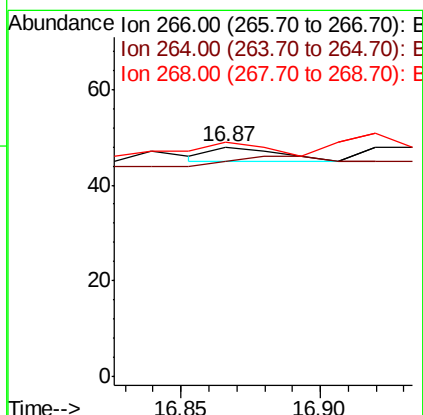
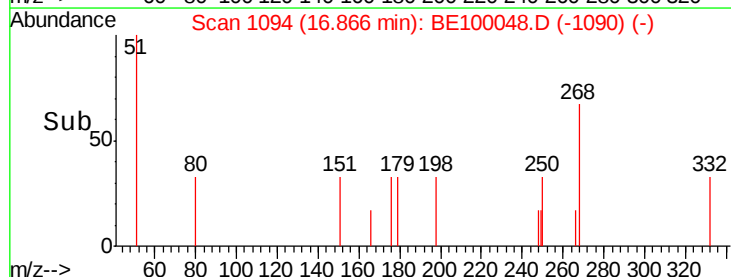
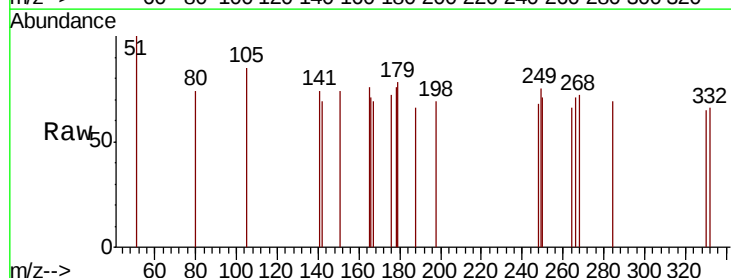
Tgt Ion:266 Resp: 5

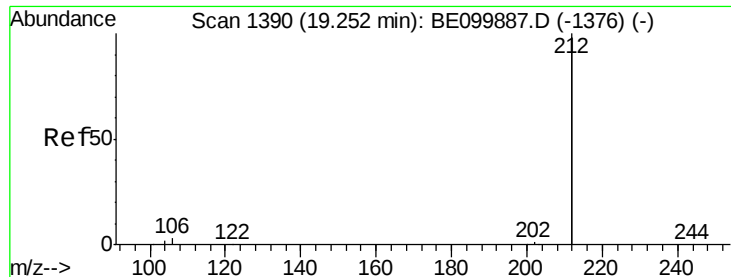
Ion Ratio Lower Upper

266 100

264 93.8 62.2 93.2#

268 102.1 65.5 98.3#

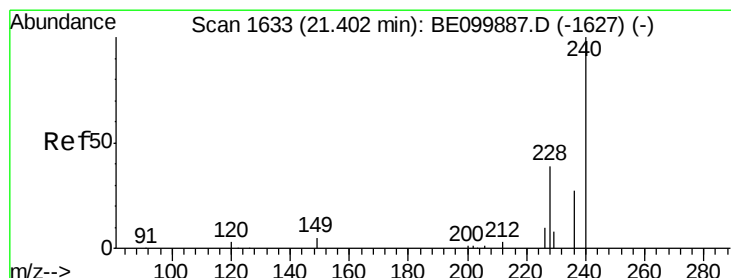
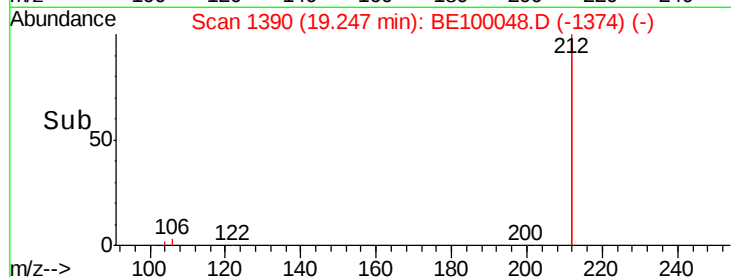
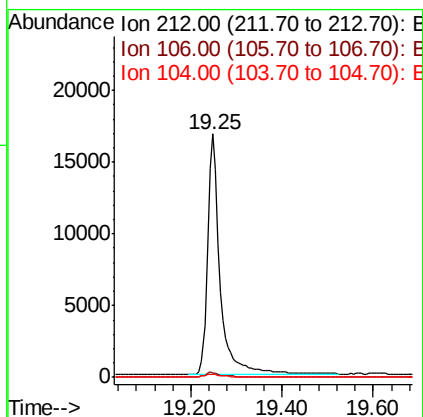
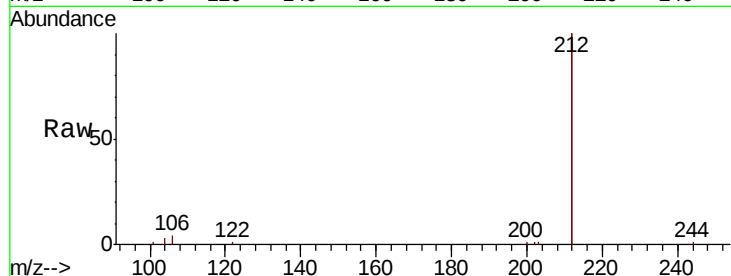




#25
 Fluoranthene-d10
 Concen: 0.353 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE100048.D
 Acq: 15 Jun 2019 7:59

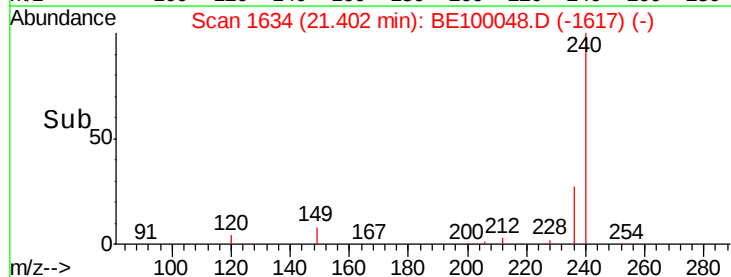
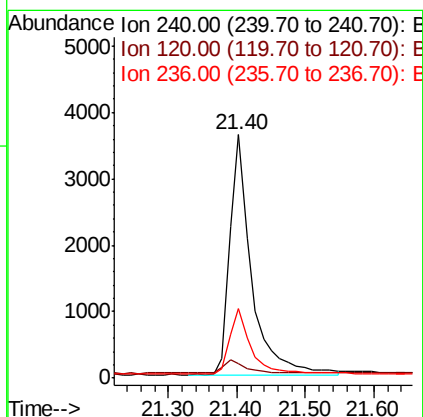
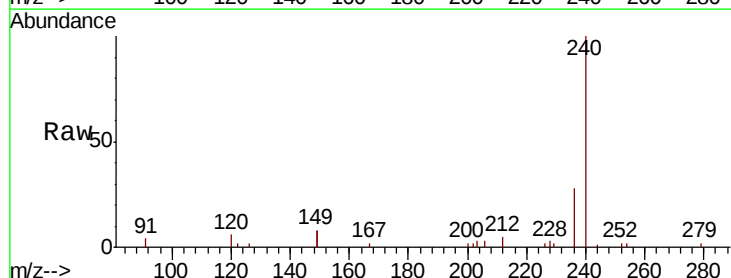
Instrument :
 BNA_E
 ClientSampleId :
 DUP04-20190607

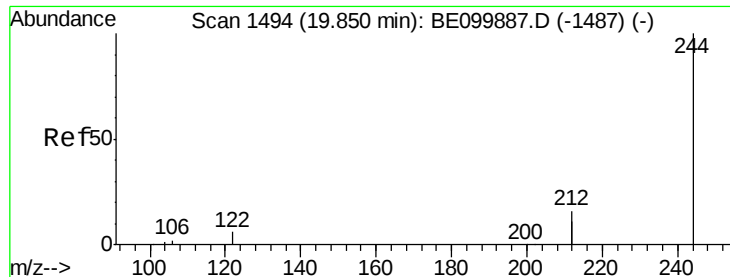
Tgt Ion:212 Resp: 32475
 Ion Ratio Lower Upper
 212 100
 106 1.7 1.4 2.2
 104 1.2 0.9 1.3



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE100048.D
 Acq: 15 Jun 2019 7:59

Tgt Ion:240 Resp: 7911
 Ion Ratio Lower Upper
 240 100
 120 6.1 3.8 5.6#
 236 28.5 22.0 33.0





#29

Terphenyl-d14

Concen: 0.619 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE100048.D

Acq: 15 Jun 2019 7:59

Instrument :

BNA_E

ClientSampleId :

DUP04-20190607

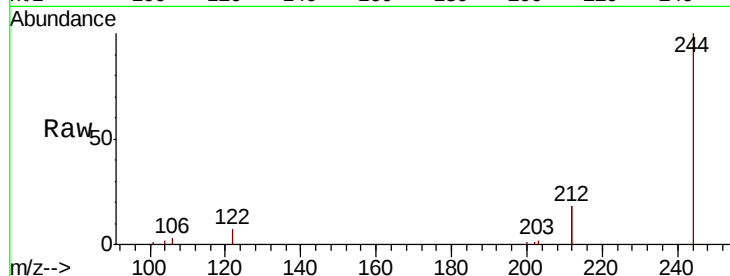
Tgt Ion:244 Resp: 8816

Ion Ratio Lower Upper

244 100

212 35.1 25.7 38.5

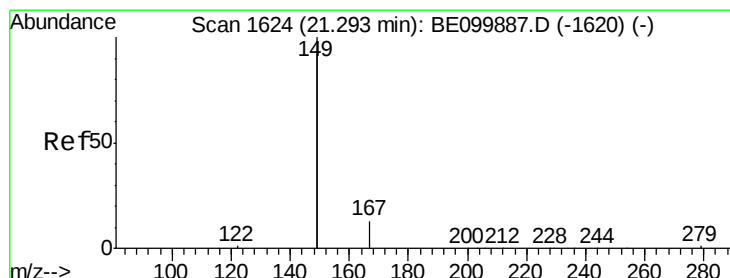
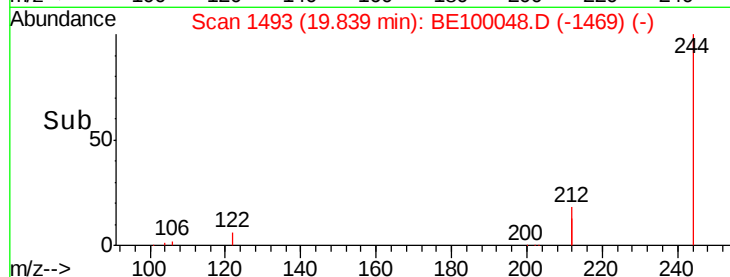
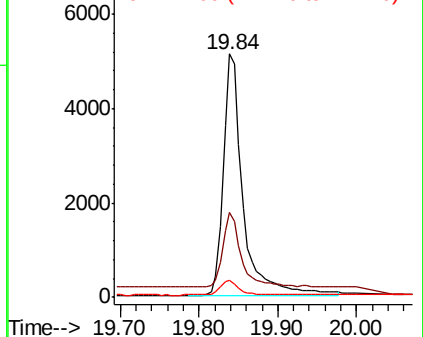
122 7.1 5.5 8.3



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: 0.067 ng

RT: 21.29 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100048.D

Acq: 15 Jun 2019 7:59

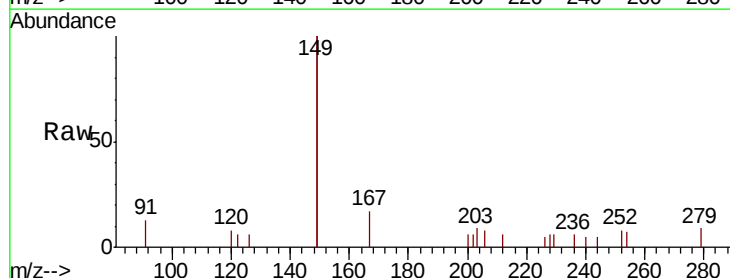
Tgt Ion:149 Resp: 2273

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

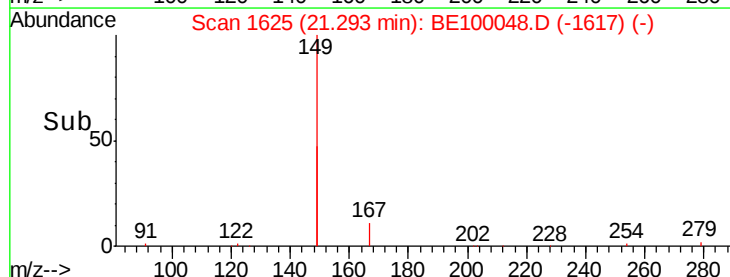
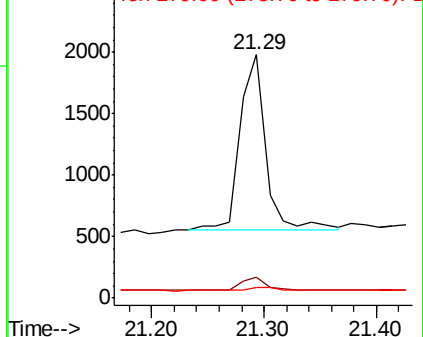
279 2.4 1.2 1.8#

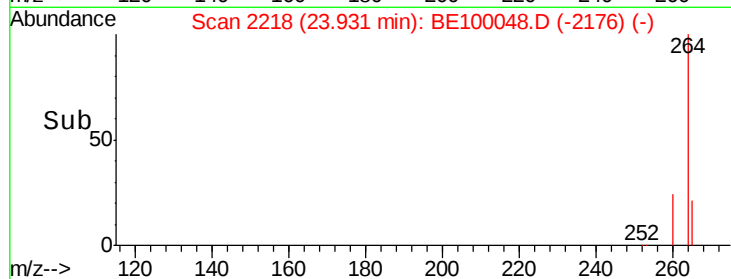
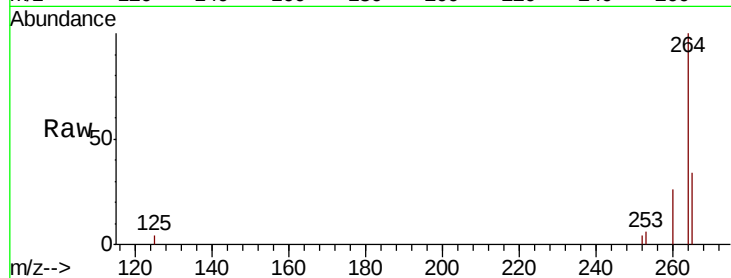


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.93 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BE100048.D

Acq: 15 Jun 2019 7:59

Instrument :

BNA_E

ClientSampleId :

DUP04-20190607

Tgt Ion:264 Resp: 8793

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 34.5 22.0 33.0#

