

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099917.D
 Acq On : 11 Jun 2019 10:54
 Operator : JU/SJ
 Sample : K3203-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-0531-190604

Quant Time: Jun 12 03:41:55 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

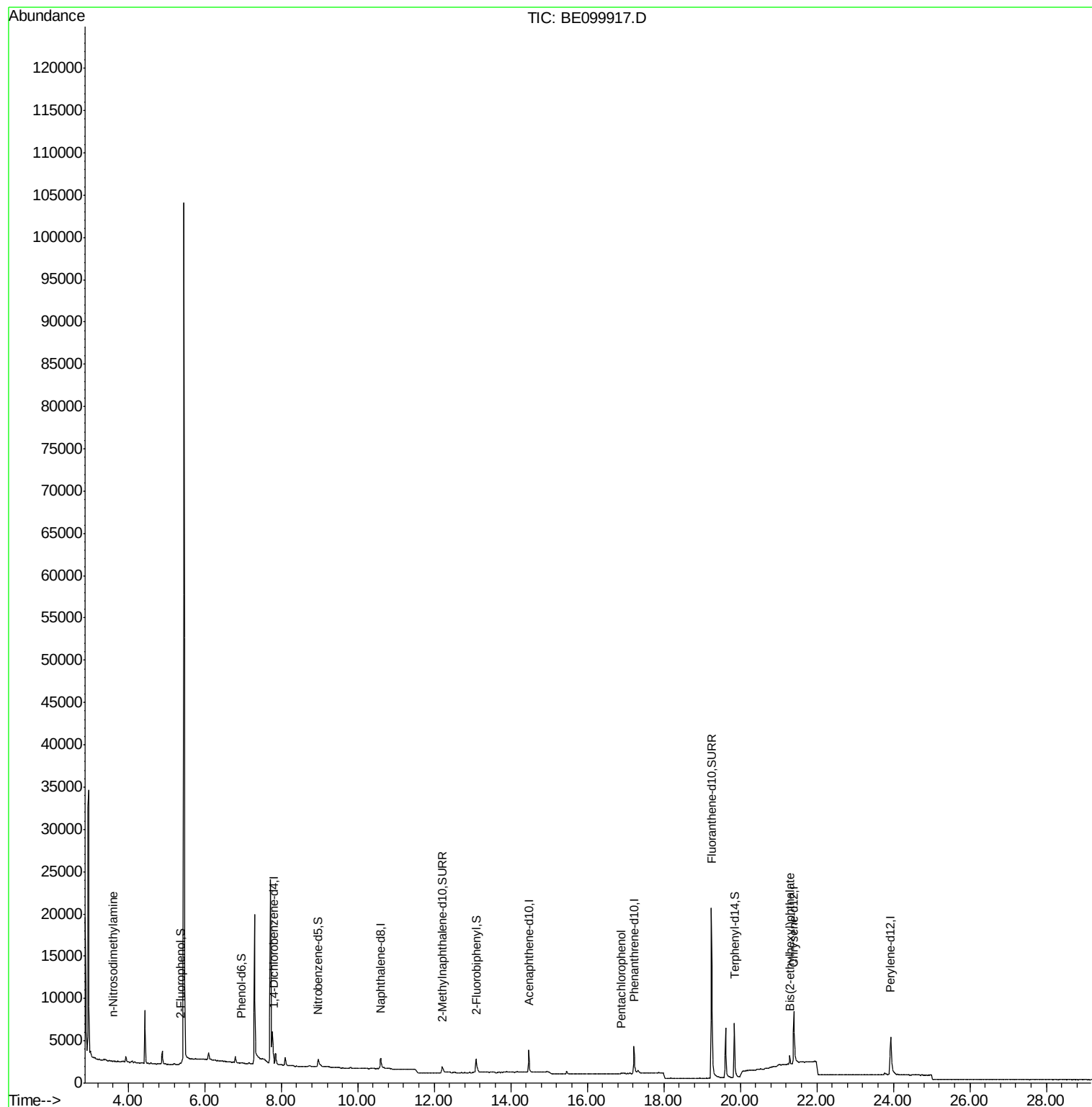
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	718	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2448	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1912	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6177	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9650	0.40	ng	0.00
34) Perylene-d12	23.93	264	9158	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	41	0.02	ng	0.00
5) Phenol-d6	6.96	99	78	0.03	ng	0.00
8) Nitrobenzene-d5	8.96	82	792	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1503	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	28	0.02	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2762	0.38	ng	0.00
25) Fluoranthene-d10	19.25	212	35659	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	7809	0.45	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.61	42	15	0.024	ng	Qvalue # 100
22) Pentachlorophenol	16.88	266	31	0.318	ng	87
32) Bis(2-ethylhexyl)phthalate	21.29	149	1296	0.031	ng	# 99

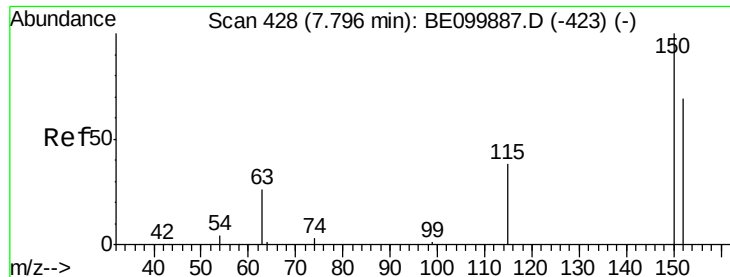
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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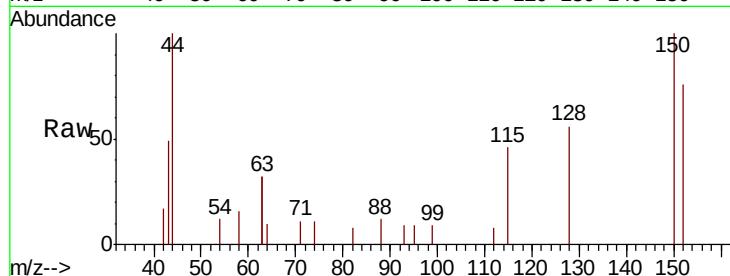


#1

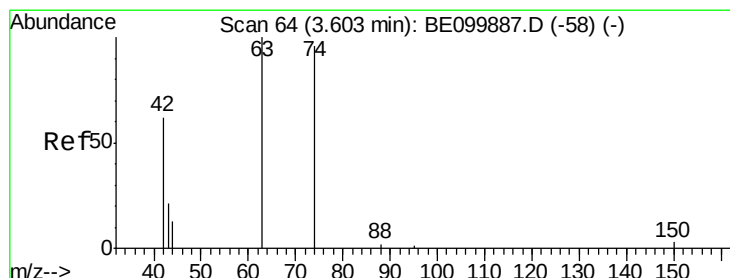
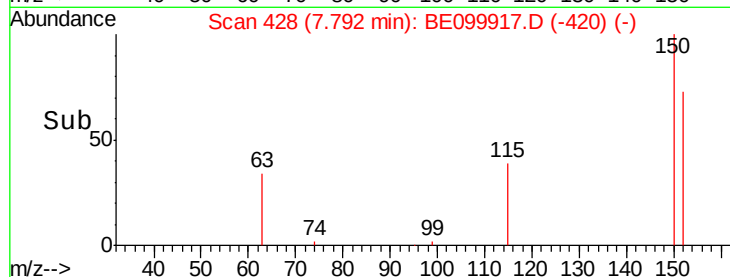
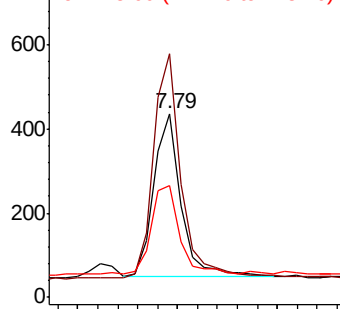
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099917.D
Acq: 11 Jun 2019 10:54

Instrument :
BNA_E
ClientSampleId :
DUP-0531-190604

Tgt Ion: 152 Resp: 718
Ion Ratio Lower Upper
152 100
150 132.3 111.0 166.6
115 60.9 50.7 76.1



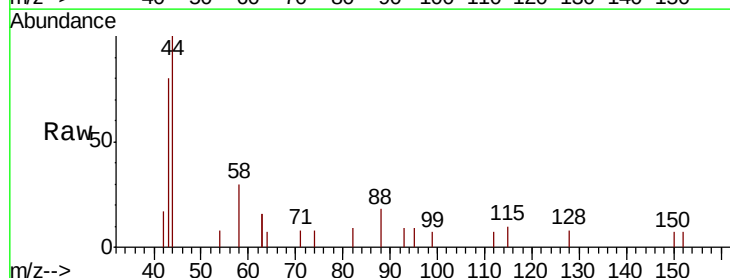
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



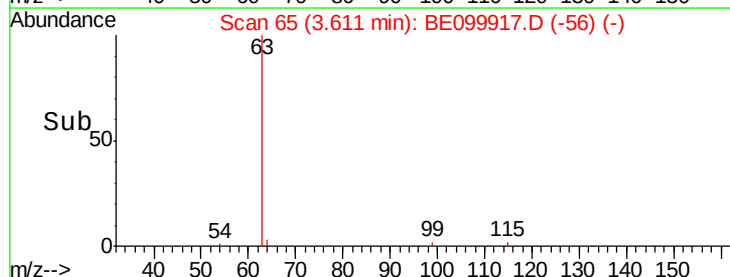
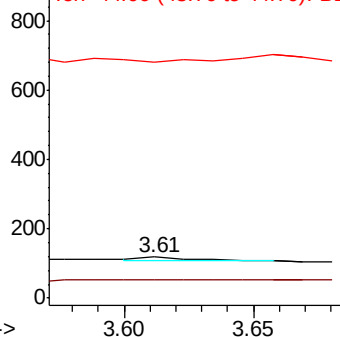
#3

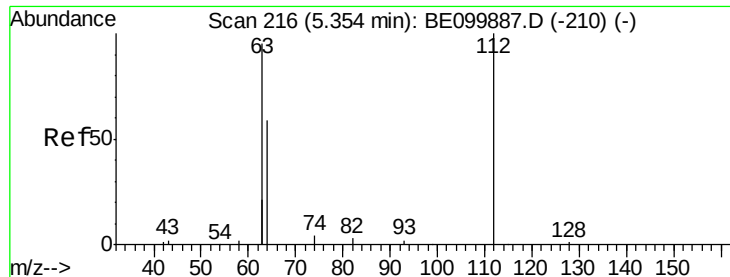
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.01 min
Lab File: BE099917.D
Acq: 11 Jun 2019 10:54

Tgt Ion: 42 Resp: 15
Ion Ratio Lower Upper
42 100
74 6.7 0.0 0.0#
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.021 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099917.D

Acq: 11 Jun 2019 10:54

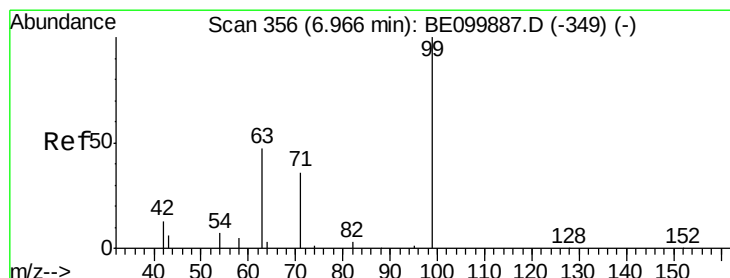
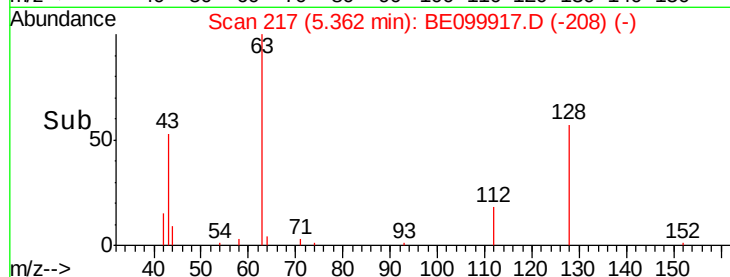
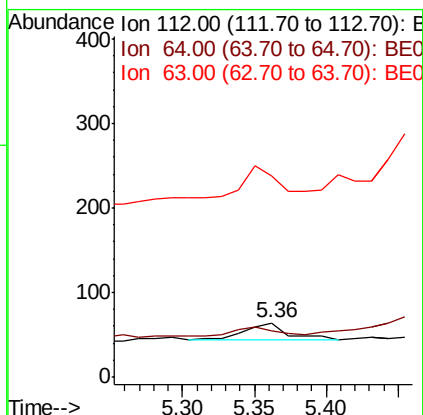
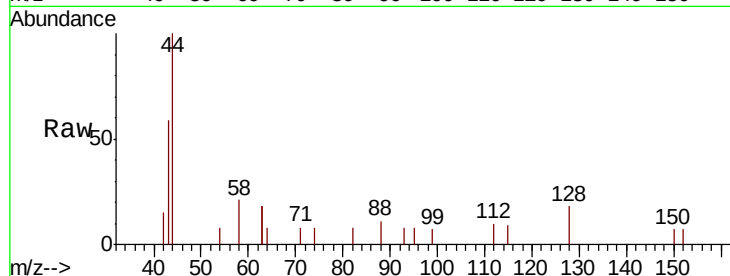
Instrument :

BNA_E

ClientSampleId :

DUP-0531-190604

Tgt Ion:	112	Resp:	41
Ion	Ratio	Lower	Upper
112	100		
64	61.0	44.1	66.1
63	219.5	87.8	131.6#



#5

Phenol-d6

Concen: 0.031 ng

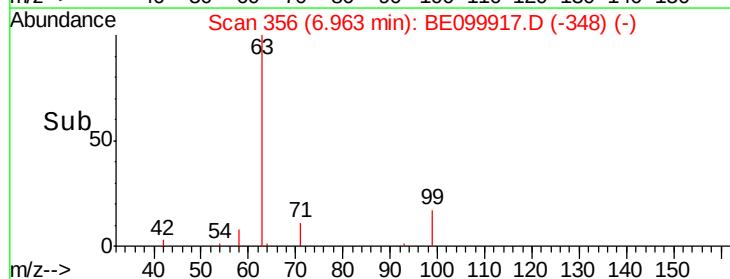
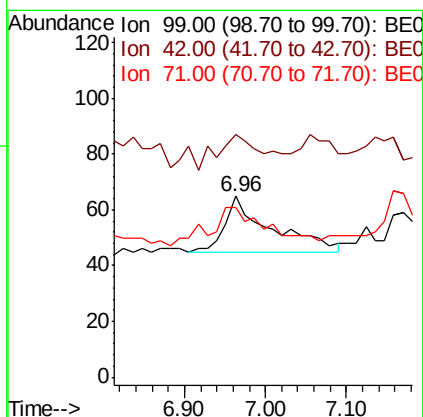
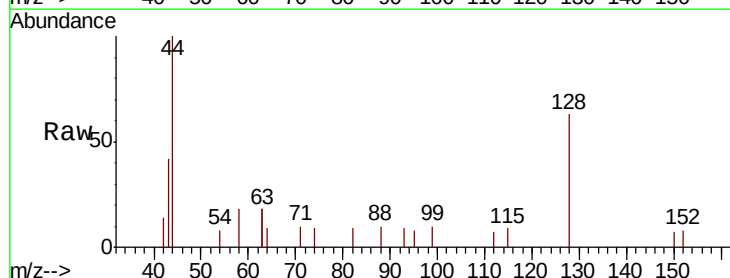
RT: 6.96 min Scan# 356

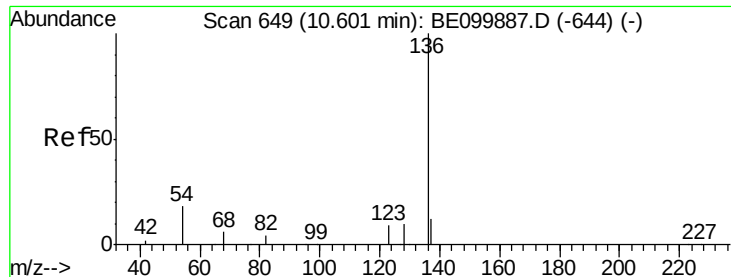
Delta R.T. -0.00 min

Lab File: BE099917.D

Acq: 11 Jun 2019 10:54

Tgt Ion:	99	Resp:	78
Ion	Ratio	Lower	Upper
99	100		
42	65.4	15.9	23.9#
71	89.7	34.6	52.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099917.D

Acq: 11 Jun 2019 10:54

Instrument :

BNA_E

ClientSampleId :

DUP-0531-190604

Tgt Ion: 136 Resp: 2448

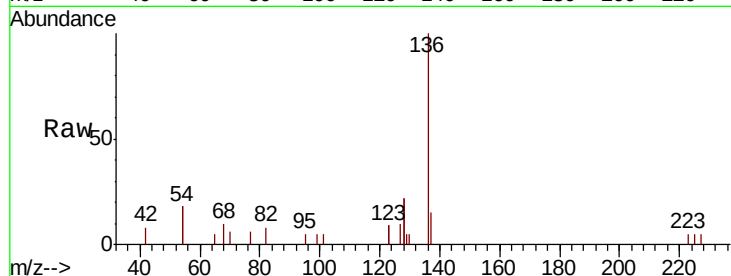
Ion Ratio Lower Upper

136 100

137 14.7 12.3 18.5

54 36.7 28.2 42.4

68 9.9 7.8 11.8

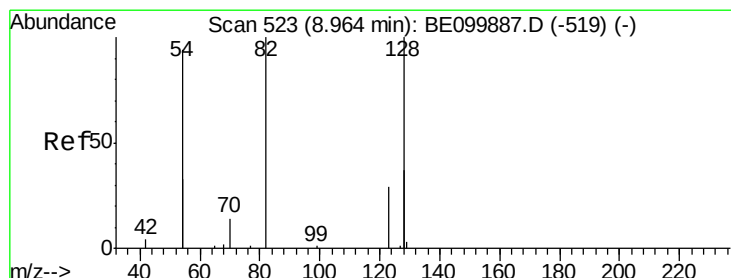
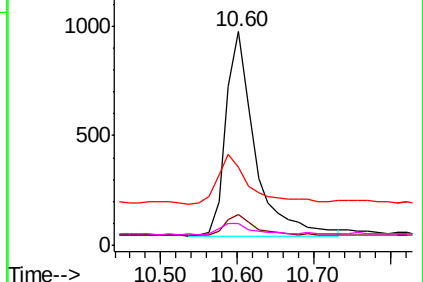
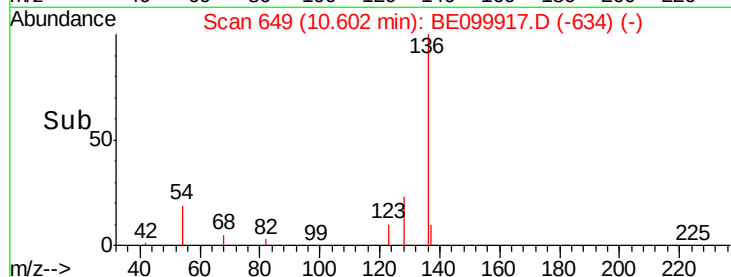


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.342 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099917.D

Acq: 11 Jun 2019 10:54

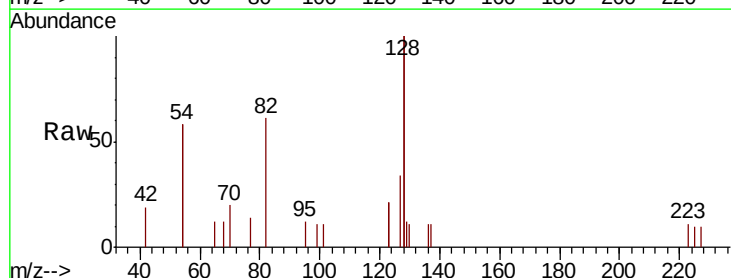
Tgt Ion: 82 Resp: 792

Ion Ratio Lower Upper

82 100

128 327.8 137.3 205.9#

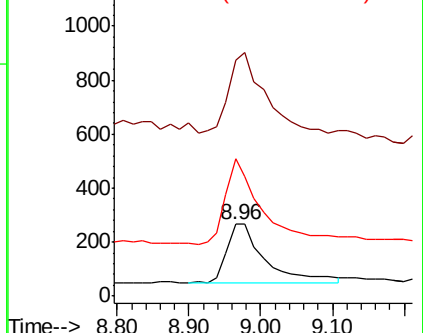
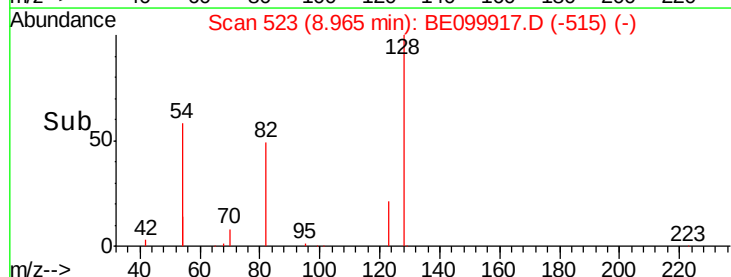
54 191.7 129.7 194.5

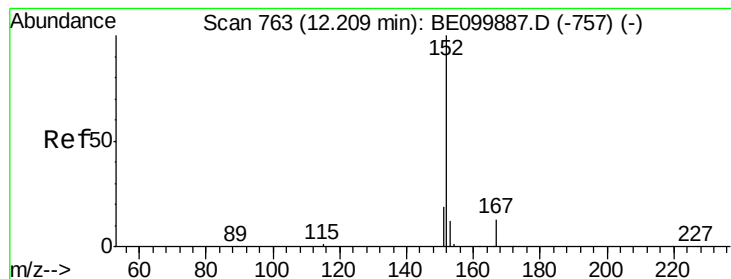


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.352 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099917.D

Acq: 11 Jun 2019 10:54

Instrument :

BNA_E

ClientSampleId :

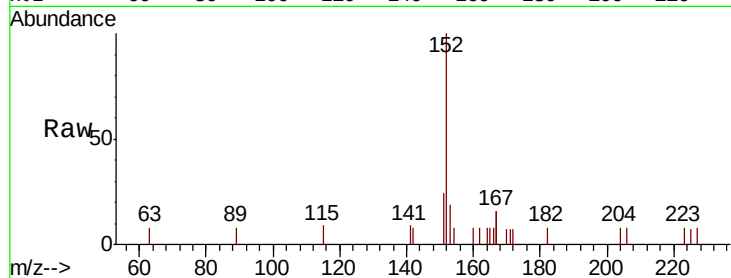
DUP-0531-190604

Tgt Ion:152 Resp: 1503

Ion Ratio Lower Upper

152 100

151 19.5 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

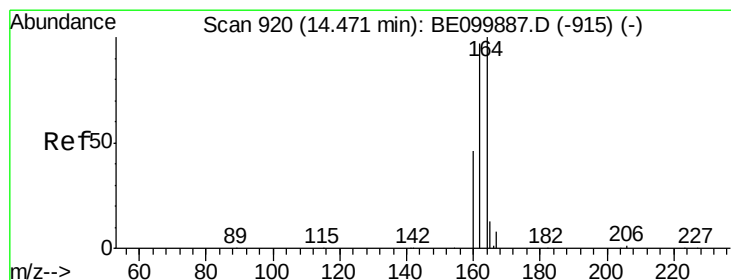
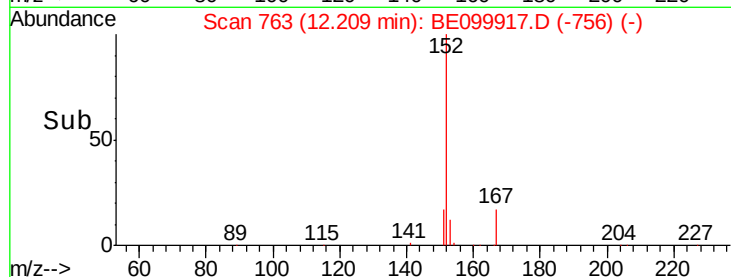
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099917.D

Acq: 11 Jun 2019 10:54

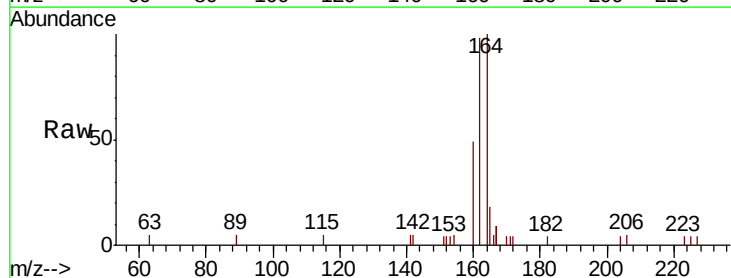
Tgt Ion:164 Resp: 1912

Ion Ratio Lower Upper

164 100

162 97.7 77.8 116.8

160 49.4 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

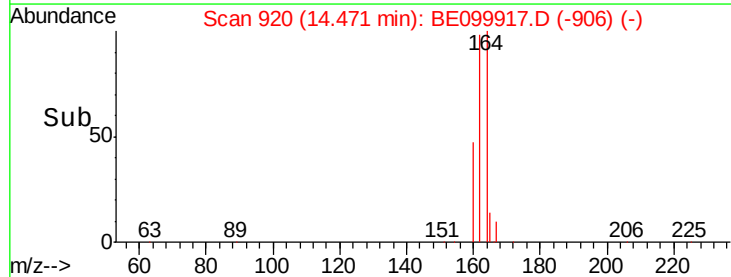
14.47

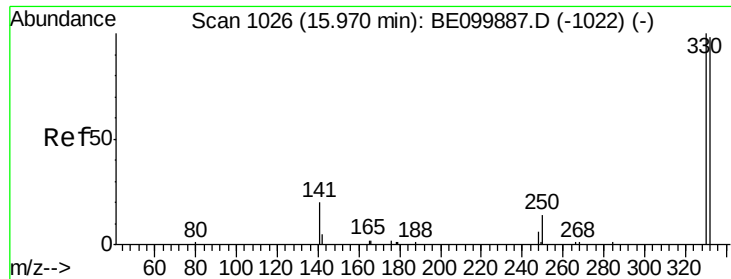
1000

500

0

Time-->

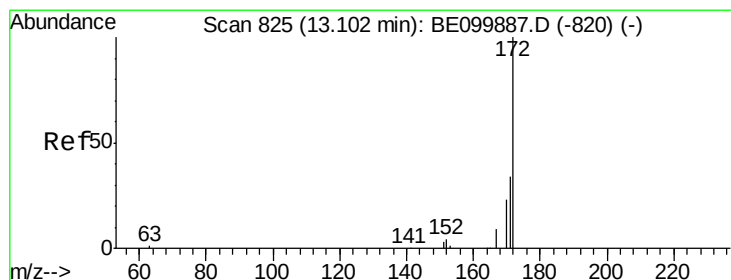
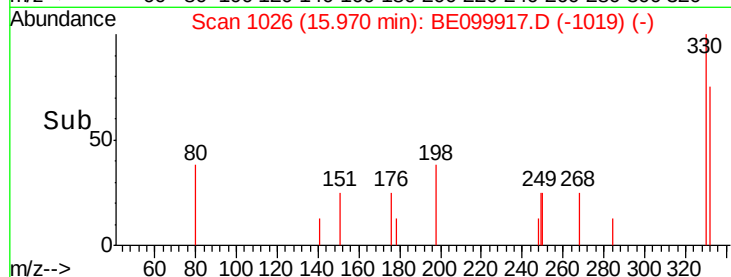
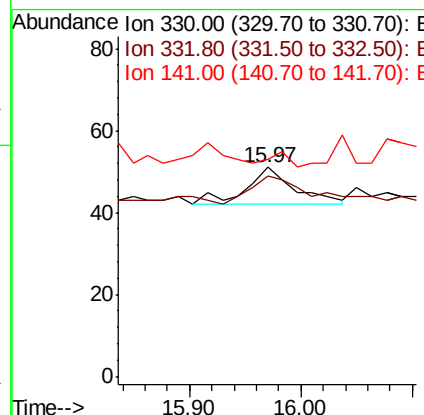
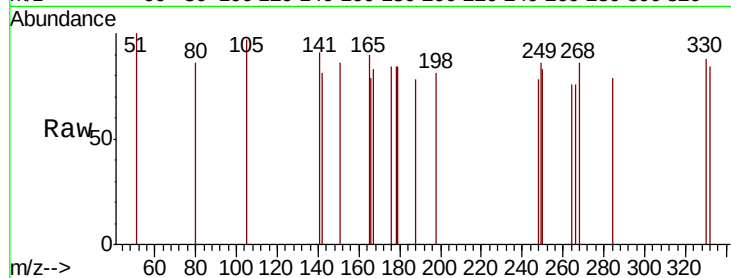




#14
 2,4,6-Tribromophenol
 Concen: 0.020 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099917.D
 Acq: 11 Jun 2019 10:54

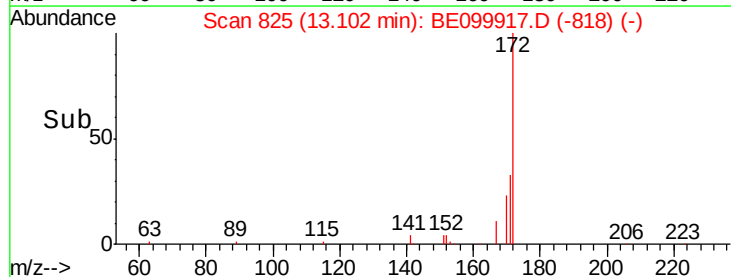
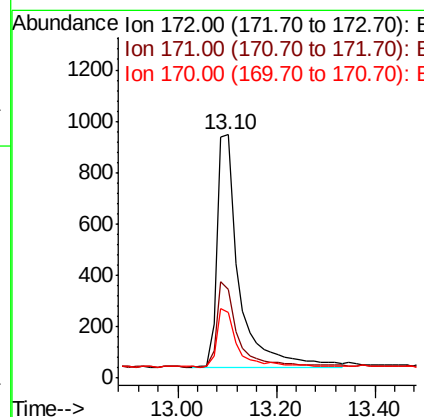
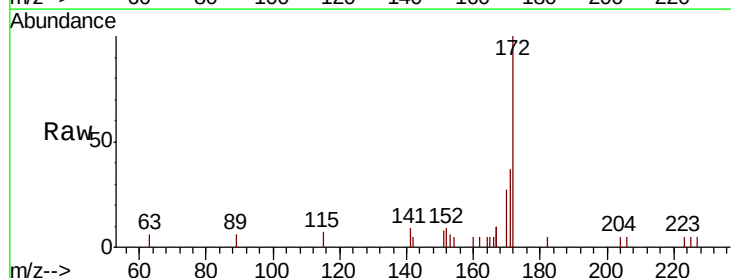
Instrument :
 BNA_E
 ClientSampleId :
 DUP-0531-190604

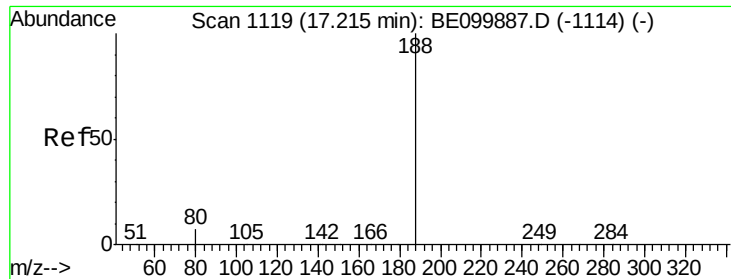
Tgt Ion: 330 Resp: 28
 Ion Ratio Lower Upper
 330 100
 332 110.7 76.7 115.1
 141 17.9 21.0 31.6#



#15
 2-Fluorobiphenyl
 Concen: 0.381 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099917.D
 Acq: 11 Jun 2019 10:54

Tgt Ion: 172 Resp: 2762
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 27.0 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099917.D

Acq: 11 Jun 2019 10:54

Instrument :

BNA_E

ClientSampleId :

DUP-0531-190604

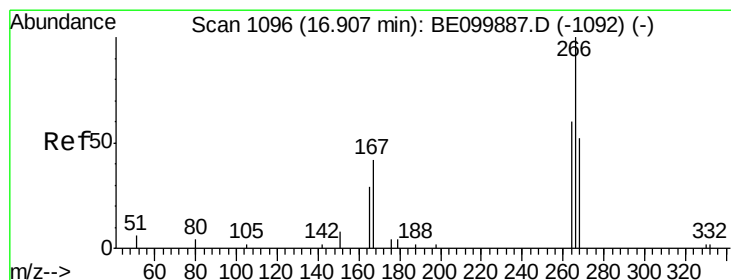
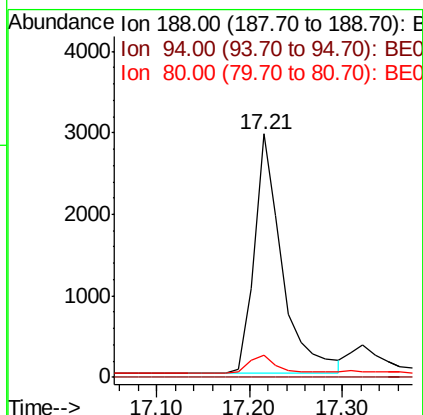
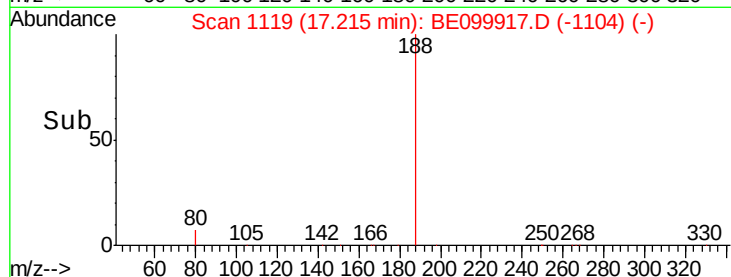
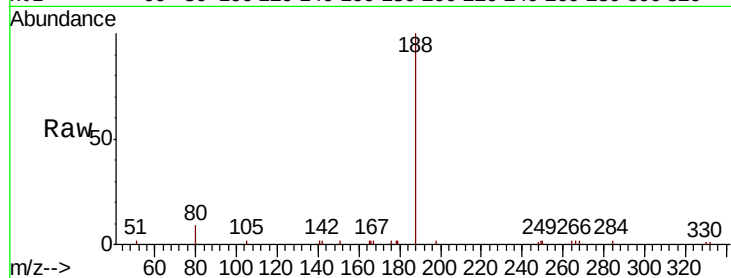
Tgt Ion:188 Resp: 6177

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 6.4 9.6



#22

Pentachlorophenol

Concen: 0.318 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099917.D

Acq: 11 Jun 2019 10:54

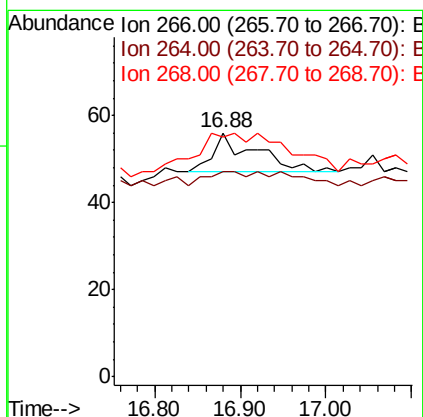
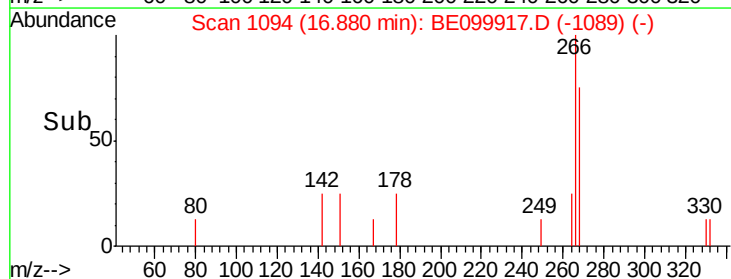
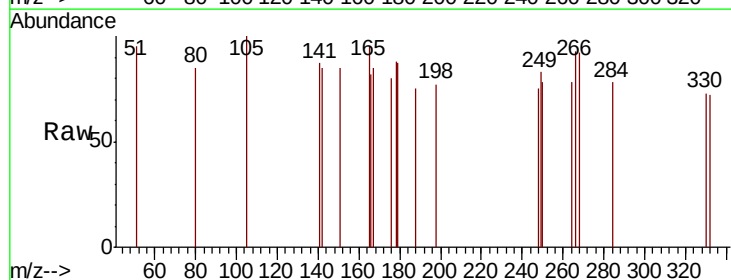
Tgt Ion:266 Resp: 31

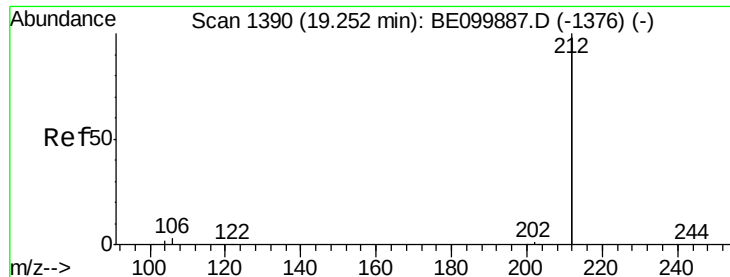
Ion Ratio Lower Upper

266 100

264 83.9 62.2 93.2

268 98.2 65.5 98.3





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099917.D

Acq: 11 Jun 2019 10:54

Instrument :

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DUP-0531-190604

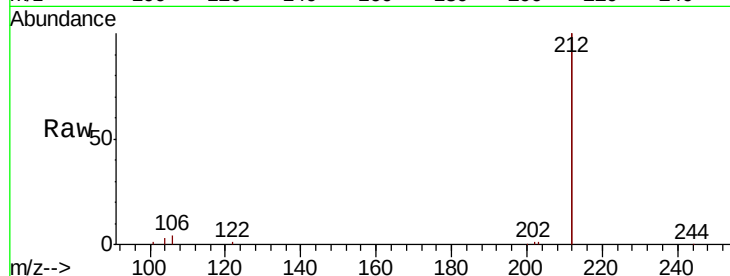
Tgt Ion:212 Resp: 35659

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

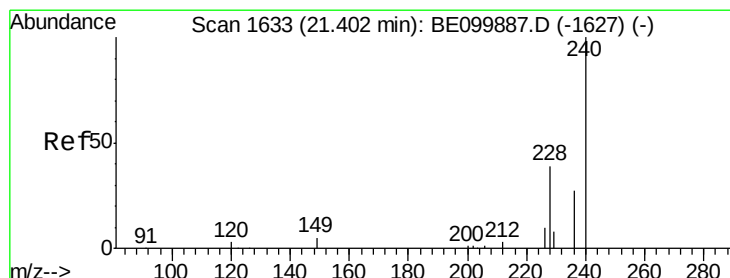
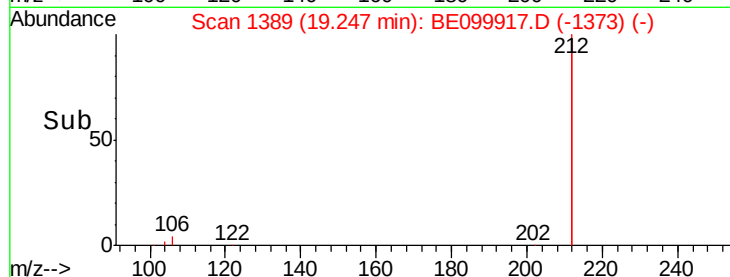
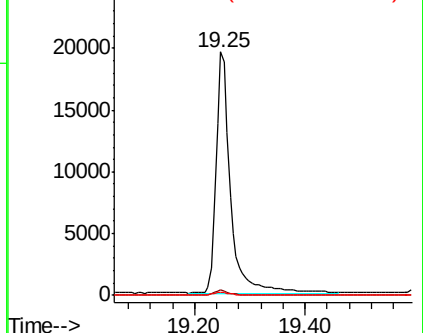
104 1.0 0.9 1.3



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# 1633

Delta R.T. 0.00 min

Lab File: BE099917.D

Acq: 11 Jun 2019 10:54

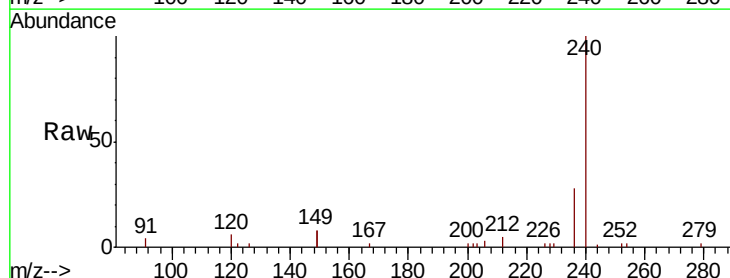
Tgt Ion:240 Resp: 9650

Ion Ratio Lower Upper

240 100

120 6.0 3.8 5.6#

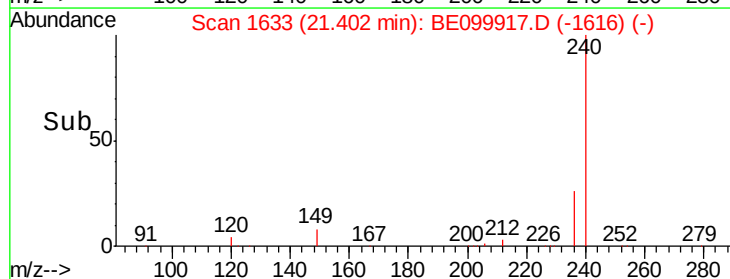
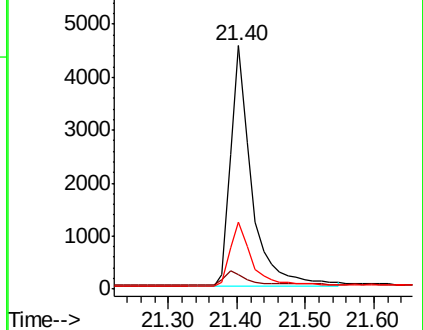
236 27.5 22.0 33.0

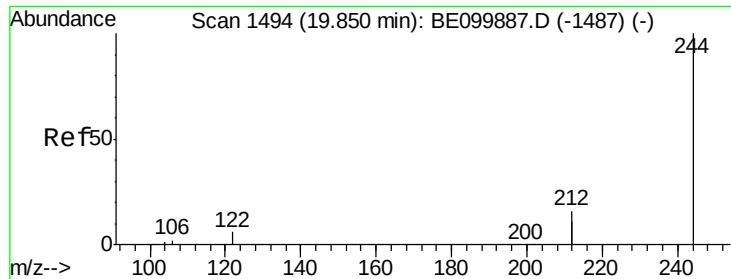


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.450 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099917.D

Acq: 11 Jun 2019 10:54

Instrument :

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DUP-0531-190604

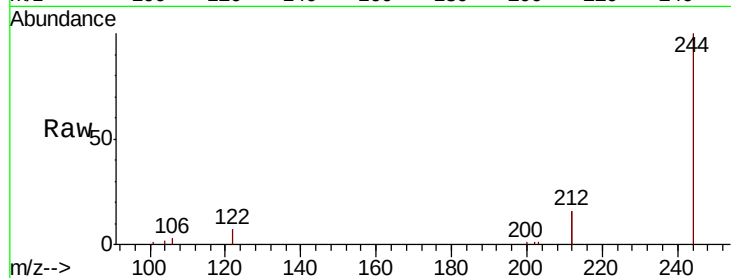
Tgt Ion:244 Resp: 7809

Ion Ratio Lower Upper

244 100

212 32.0 25.7 38.5

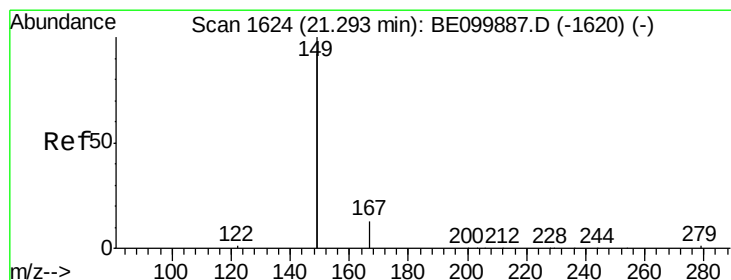
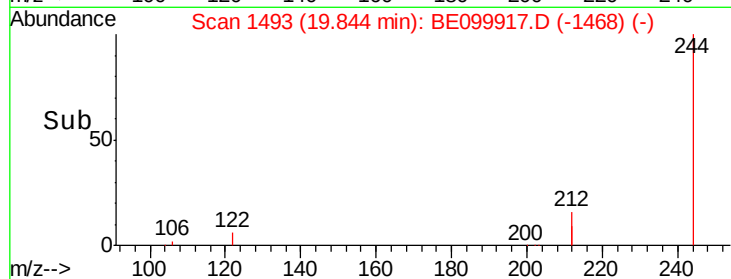
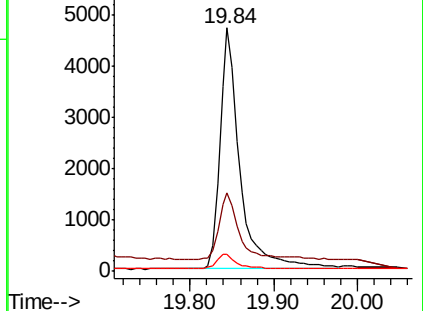
122 6.9 5.5 8.3



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: 0.031 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099917.D

Acq: 11 Jun 2019 10:54

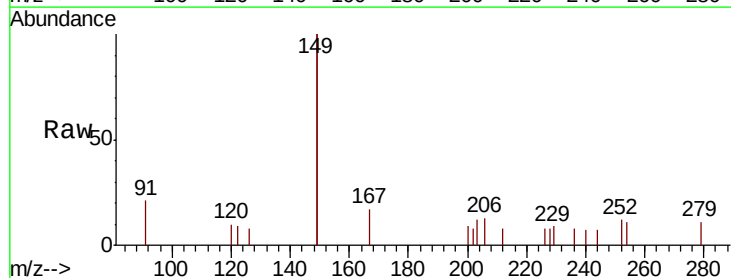
Tgt Ion:149 Resp: 1296

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

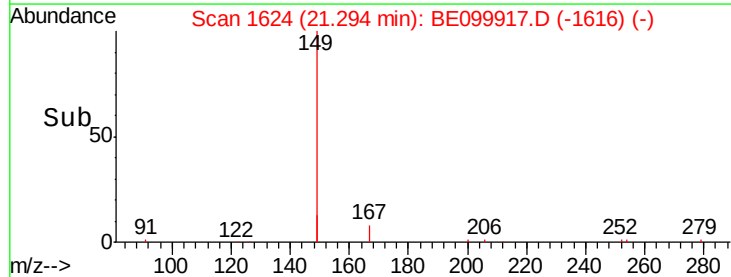
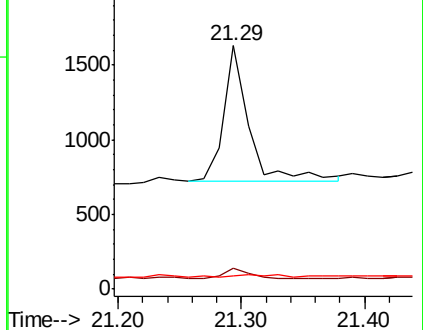
279 3.1 1.2 1.8#

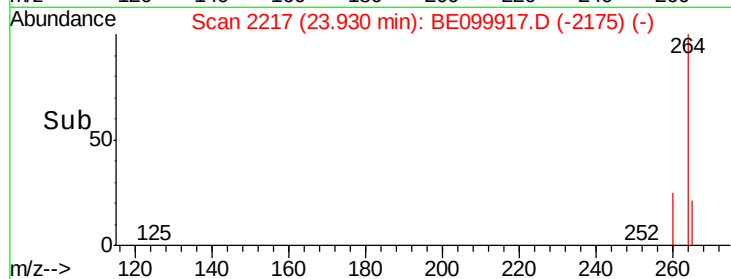
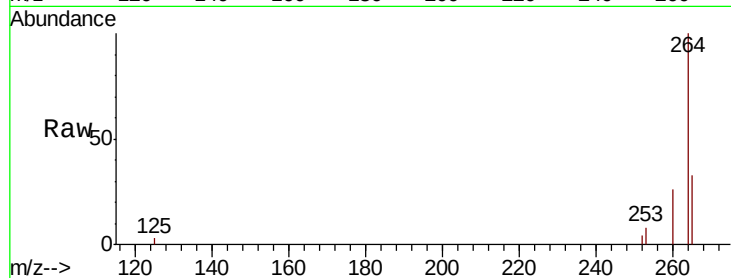
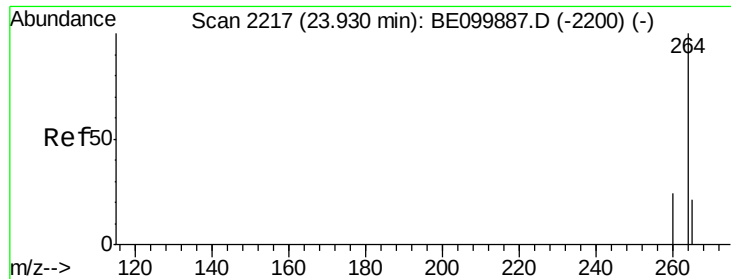


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BE099917.D

Acq: 11 Jun 2019 10:54

Instrument :

BNA_E

ClientSampleId :

DUP-0531-190604

Tgt Ion:264 Resp: 9158

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

265 32.5 22.0 33.0

