

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099207.D
 Acq On : 26 Mar 2019 9:16
 Operator : JU/SJ
 Sample : K2064-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P024-TW002-01

Quant Time: Mar 26 13:35:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3440	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	15554	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12360	0.40	ng	-0.02
19) Phenanthrene-d10	17.20	188	35432	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	39139	0.40	ng	-0.01
34) Perylene-d12	23.89	264	36348	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	1710	0.17	ng	0.00
5) Phenol-d6	6.99	99	2245	0.14	ng	0.00
8) Nitrobenzene-d5	8.99	82	4615	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11640	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1719	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	18525	0.37	ng	0.00
25) Fluoranthene-d10	19.24	212	172826	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	28838	0.34	ng	0.00

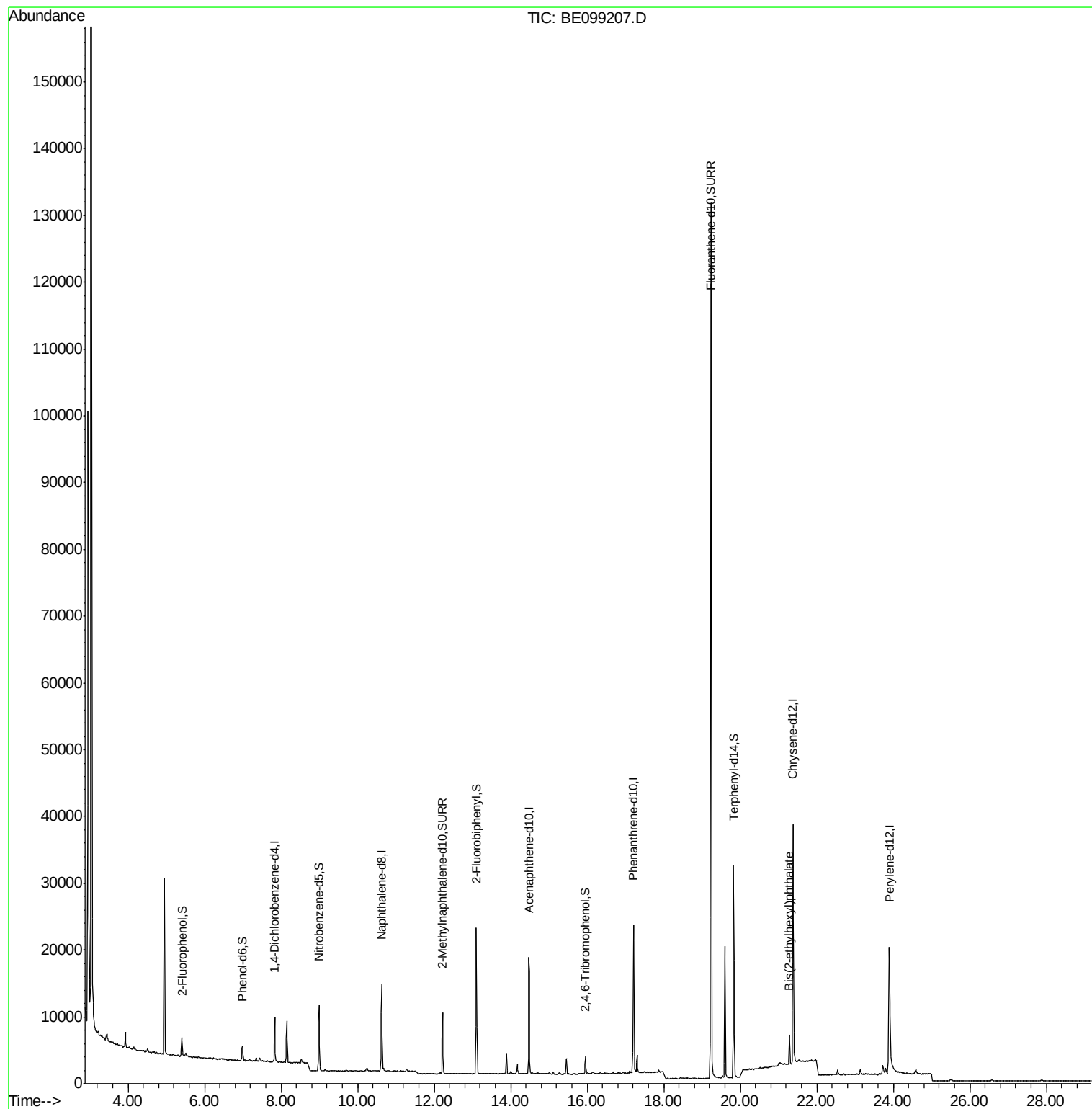
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
32) Bis(2-ethylhexyl)phthalate	21.28	149	6452	0.042	ng	# 99

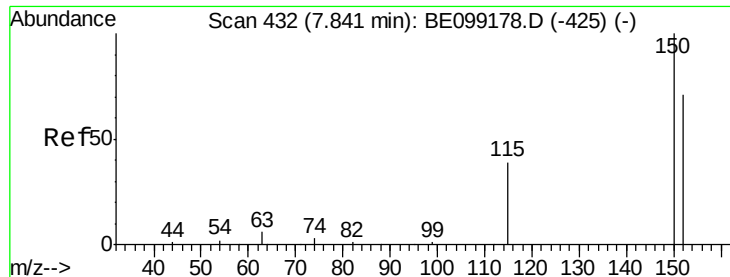
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. -0.01 min

Lab File: BE099207.D

Acq: 26 Mar 2019 9:16

Instrument :

BNA_E

ClientSampleId :

P024-TW002-01

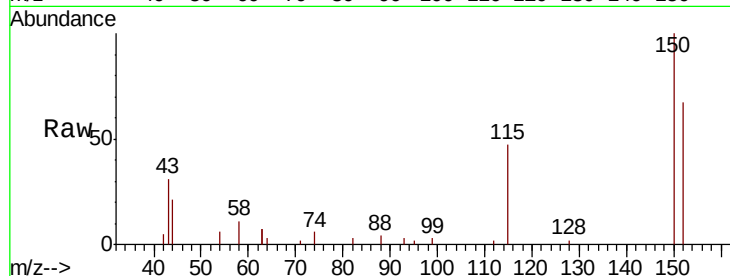
Tot Ion:152 Resp: 3440

Ion Ratio Lower Upper

152 100

150 149.9 112.8 169.2

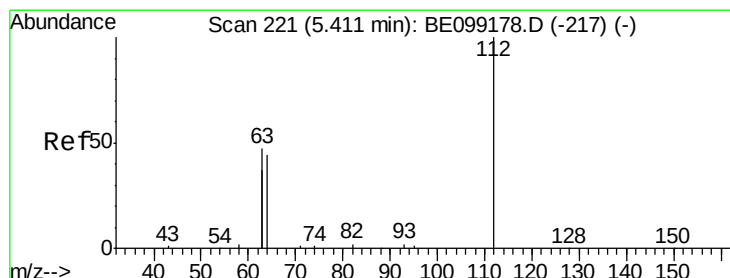
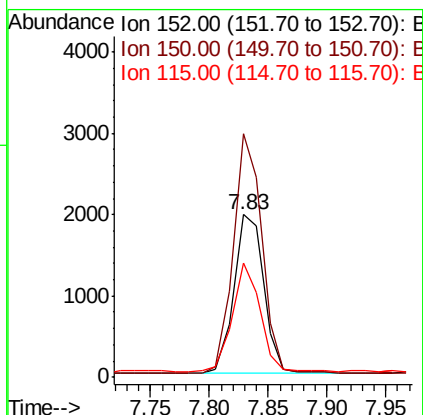
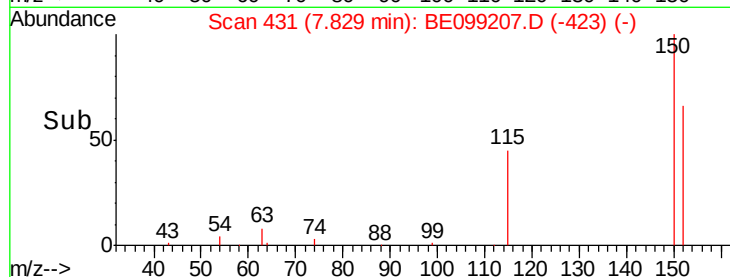
115 70.7 45.1 67.7#



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



#4

2-Fluorophenol

Concen: 0.166 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099207.D

Acq: 26 Mar 2019 9:16

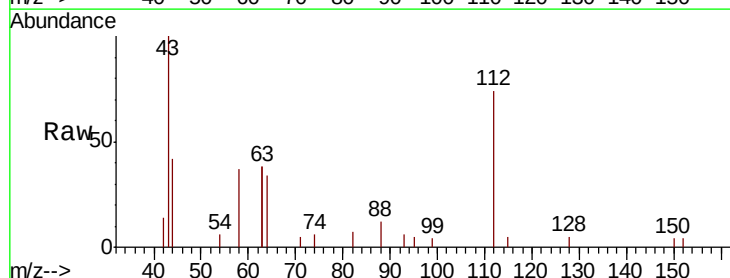
Tgt Ion:112 Resp: 1710

Ion Ratio Lower Upper

112 100

64 59.6 46.2 69.2

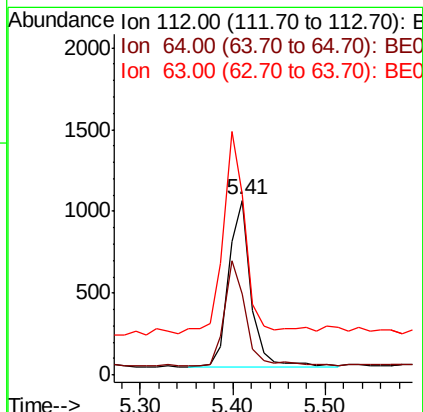
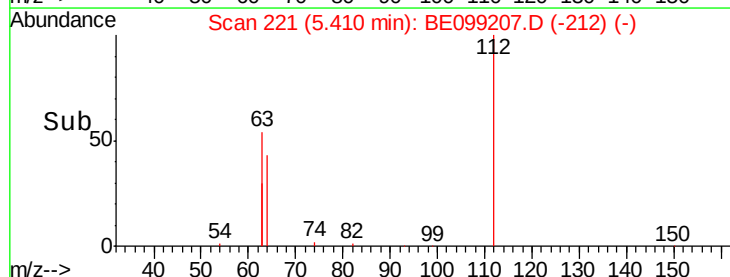
63 116.0 89.9 134.9

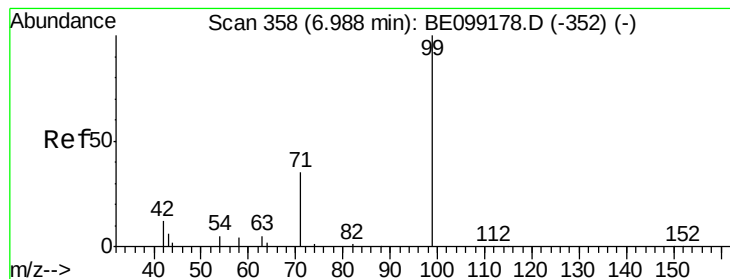


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.143 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099207.D

Acq: 26 Mar 2019 9:16

Instrument :

BNA_E

ClientSampleId :

P024-TW002-01

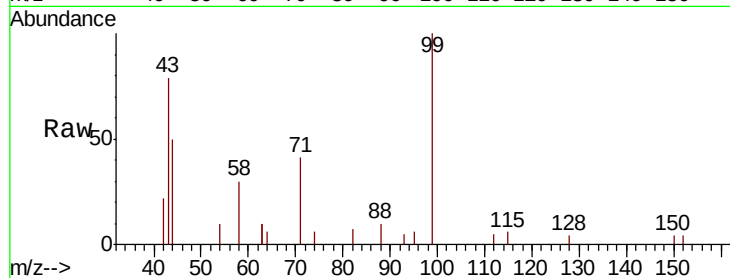
Tot Ion: 99 Resp: 2245

Ion Ratio Lower Upper

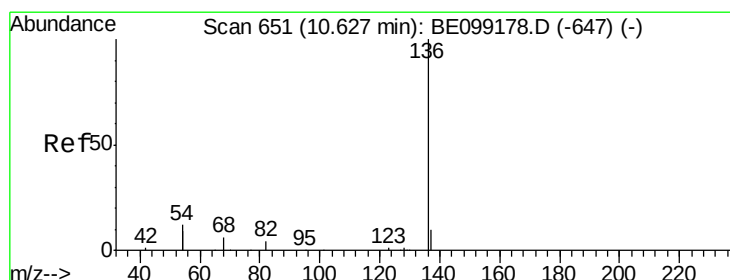
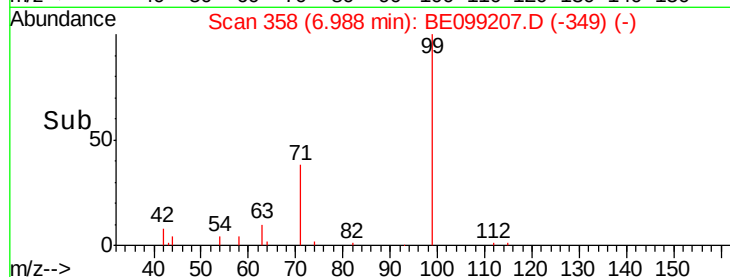
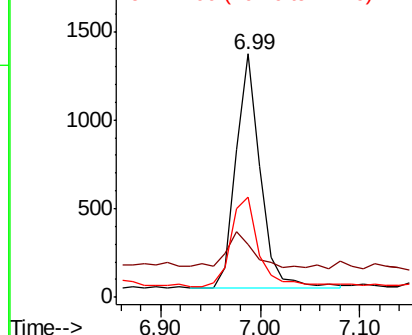
99 100

42 15.1 12.4 18.6

71 43.0 28.4 42.6#



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: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099207.D

Acq: 26 Mar 2019 9:16

Tgt Ion: 136 Resp: 15554

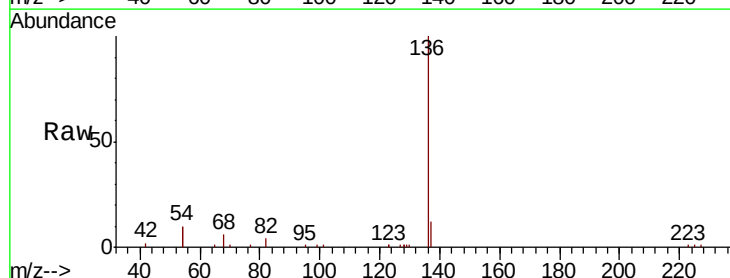
Ion Ratio Lower Upper

136 100

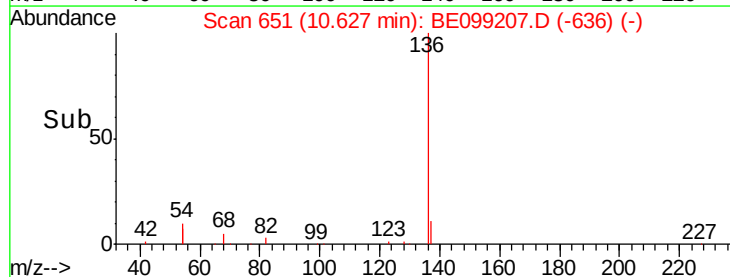
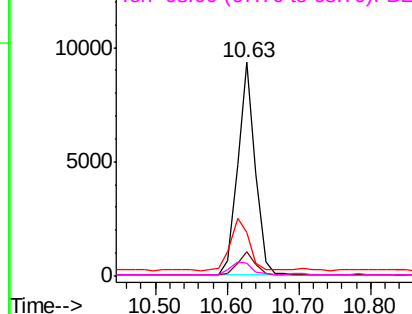
137 11.5 8.7 13.1

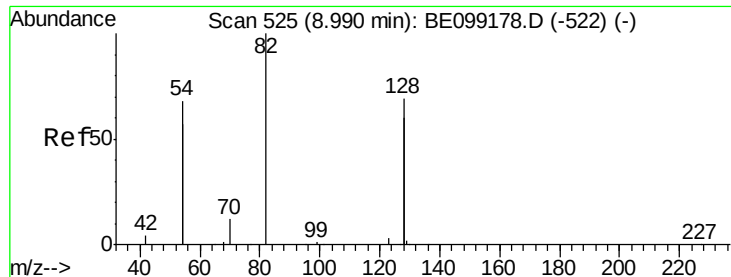
54 20.7 18.7 28.1

68 5.9 5.2 7.8



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: 0.363 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099207.D

Acq: 26 Mar 2019 9:16

Instrument :

BNA_E

ClientSampleId :

P024-TW002-01

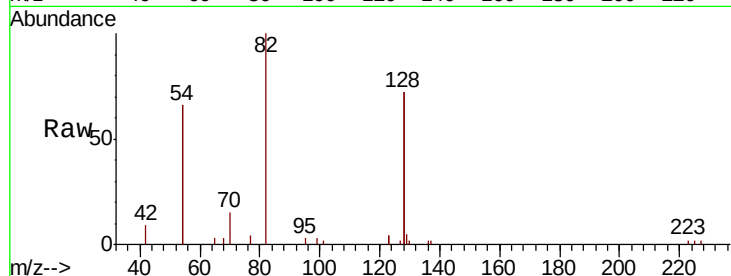
Tot Ion: 82 Resp: 4615

Ion Ratio Lower Upper

82 100

128 143.3 107.5 161.3

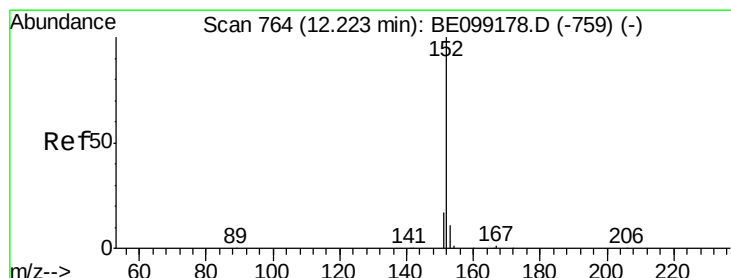
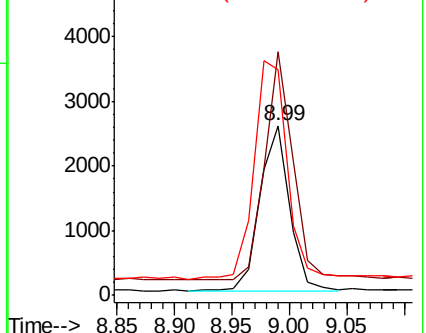
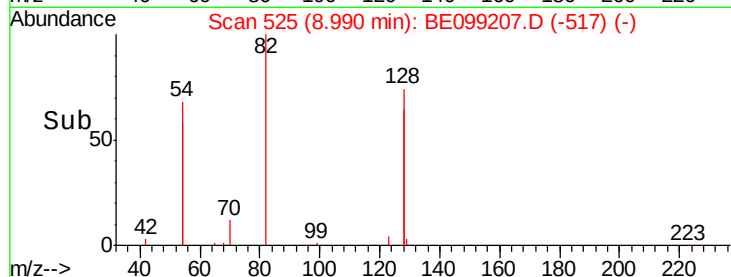
54 132.8 106.3 159.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099207.D

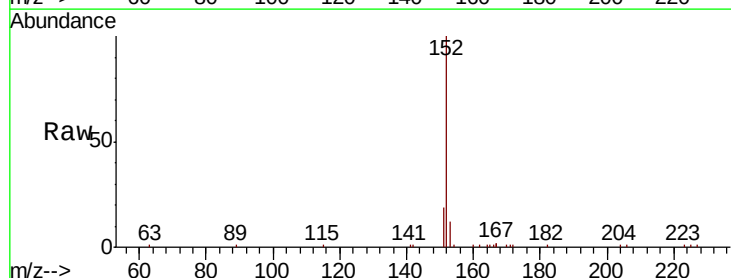
Acq: 26 Mar 2019 9:16

Tgt Ion: 152 Resp: 11640

Ion Ratio Lower Upper

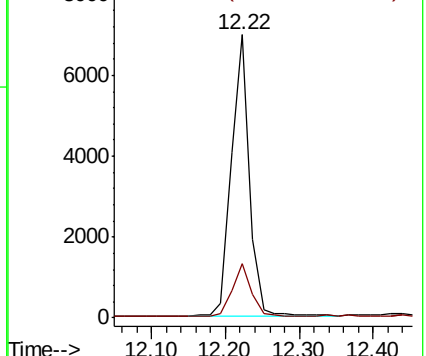
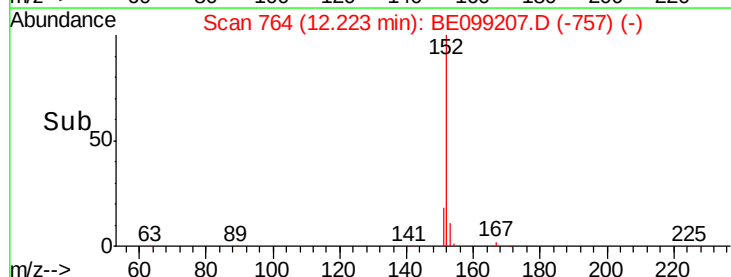
152 100

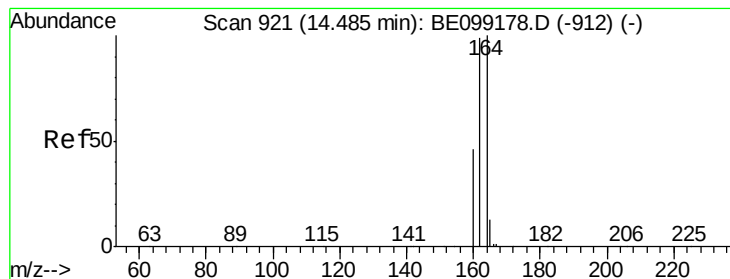
151 19.1 15.0 22.6



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. -0.02 min

Lab File: BE099207.D

Acq: 26 Mar 2019 9:16

Instrument :

BNA_E

ClientSampleId :

P024-TW002-01

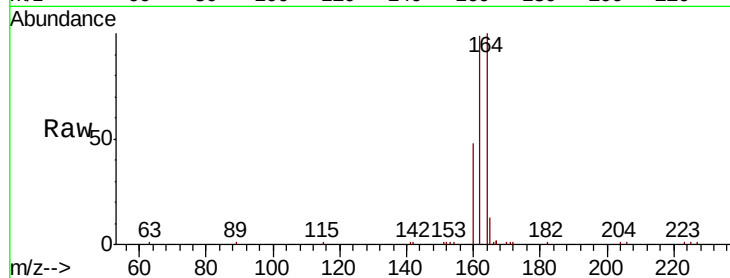
Tot Ion:164 Resp: 12360

Ion Ratio Lower Upper

164 100

162 98.9 79.2 118.8

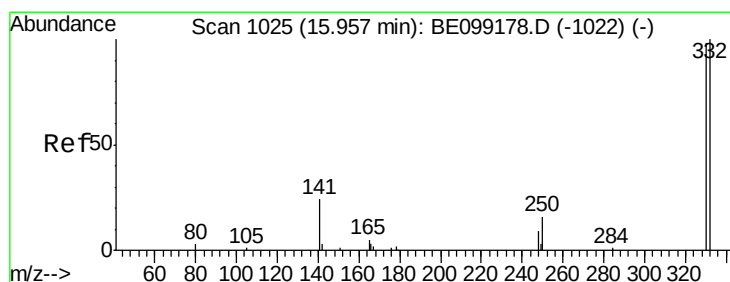
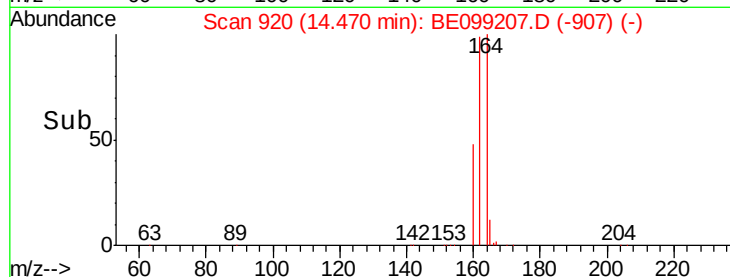
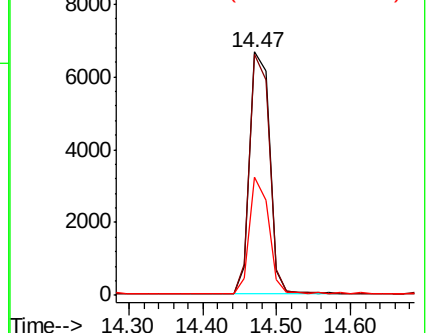
160 48.5 36.7 55.1



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: 0.473 ng

RT: 15.96 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE099207.D

Acq: 26 Mar 2019 9:16

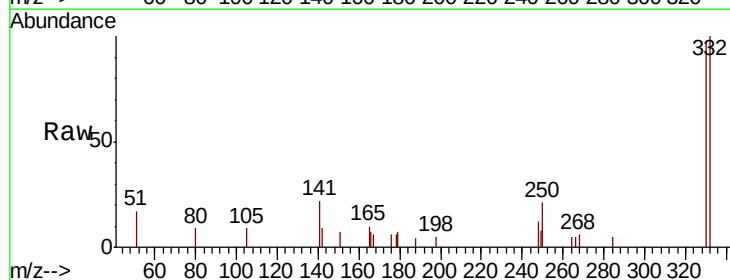
Tgt Ion:330 Resp: 1719

Ion Ratio Lower Upper

330 100

332 96.3 71.3 106.9

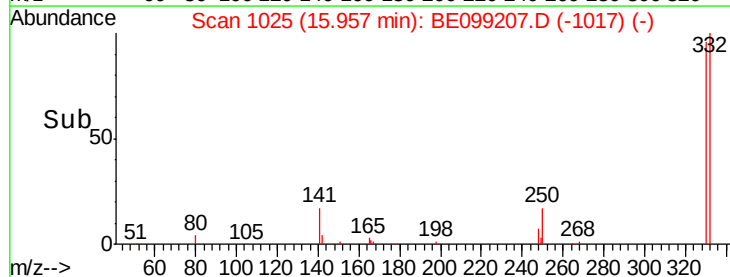
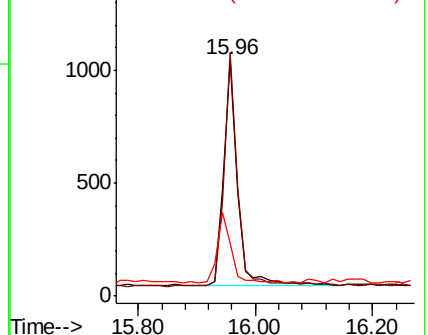
141 30.9 21.7 32.5

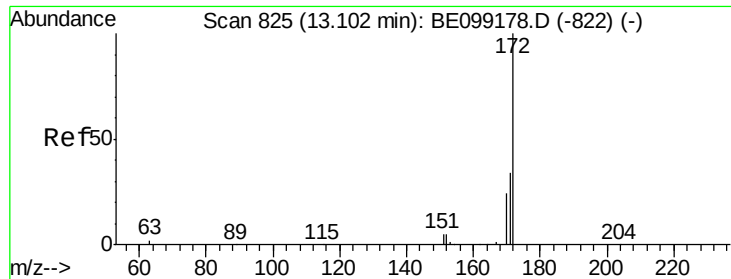


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

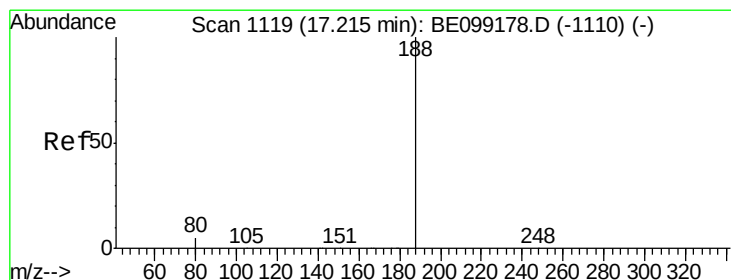
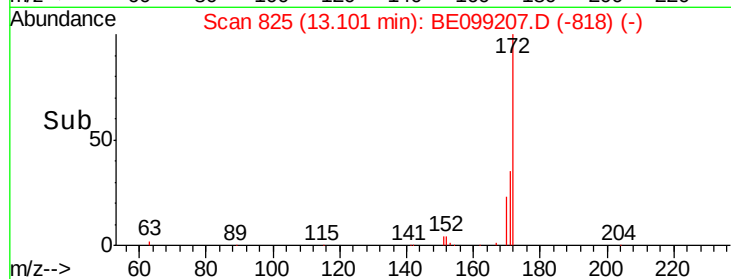
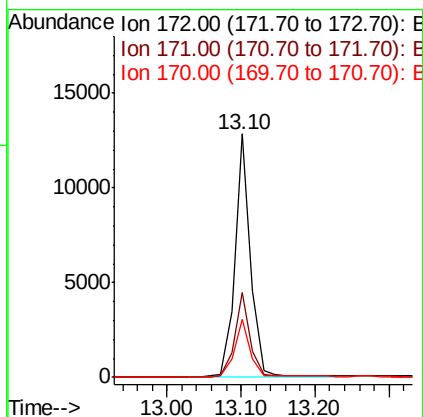
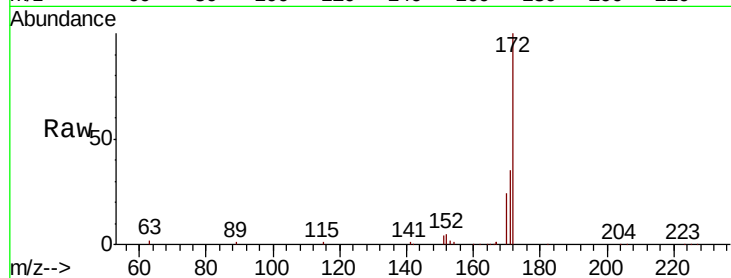




#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099207.D
Acq: 26 Mar 2019 9:16

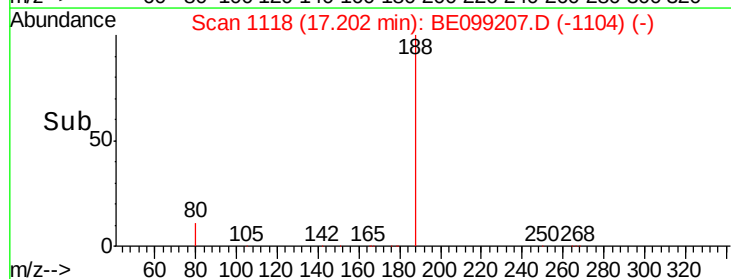
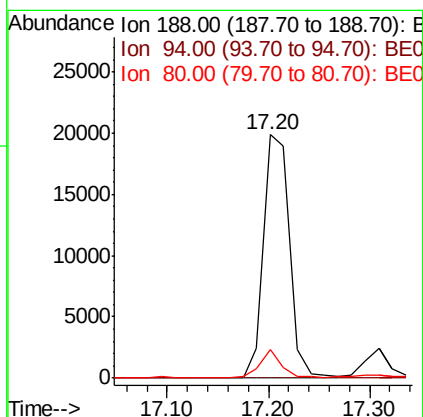
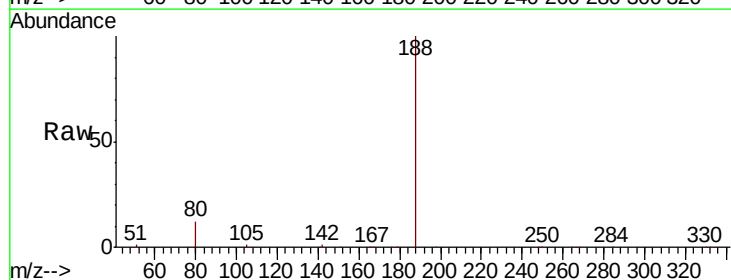
Instrument :
BNA_E
ClientSampleId :
P024-TW002-01

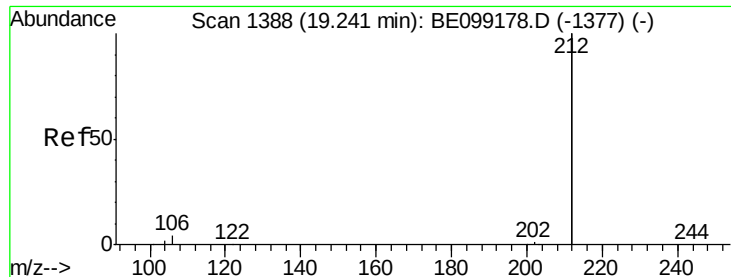
Tot Ion:172 Resp: 18525
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.0
170 23.7 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099207.D
Acq: 26 Mar 2019 9:16

Tgt Ion:188 Resp: 35432
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099207.D

Acq: 26 Mar 2019 9:16

Instrument :

BNA_E

ClientSampleId :

P024-TW002-01

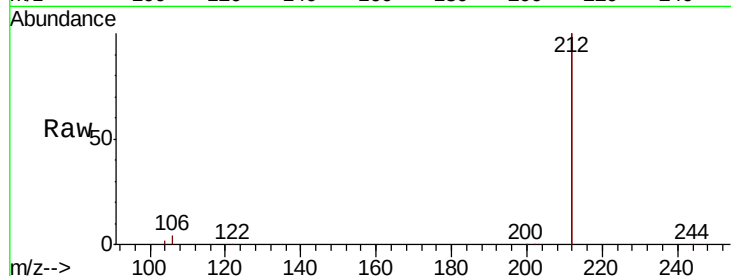
Tot Ion:212 Resp: 172826

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

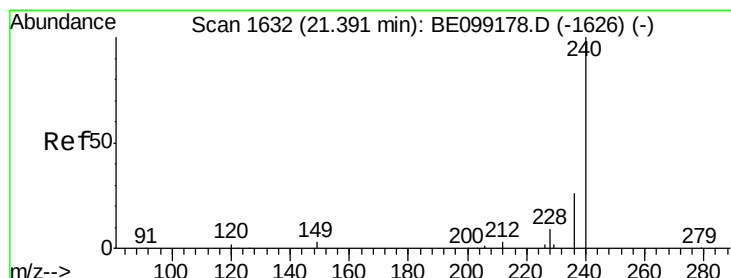
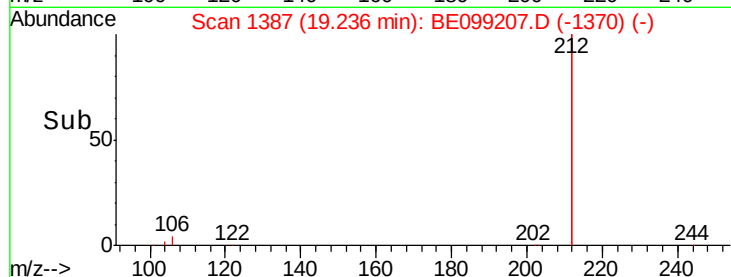
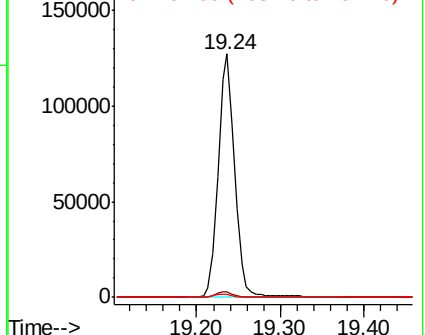
104 1.3 1.1 1.7



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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099207.D

Acq: 26 Mar 2019 9:16

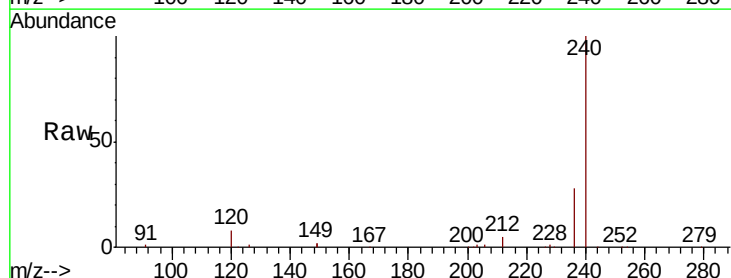
Tgt Ion:240 Resp: 39139

Ion Ratio Lower Upper

240 100

120 8.0 2.6 3.8#

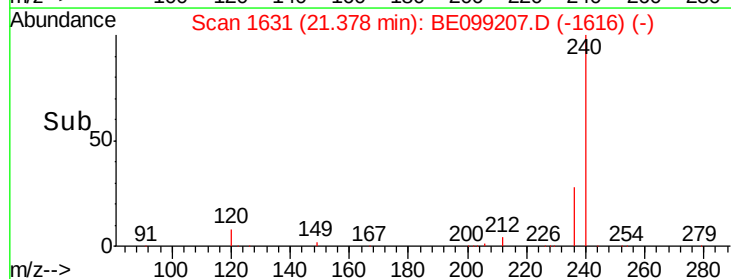
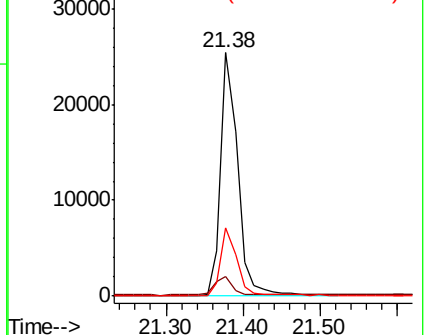
236 27.8 20.9 31.3

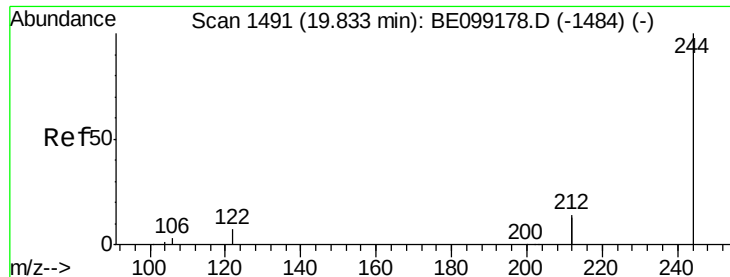


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.339 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE099207.D

Acq: 26 Mar 2019 9:16

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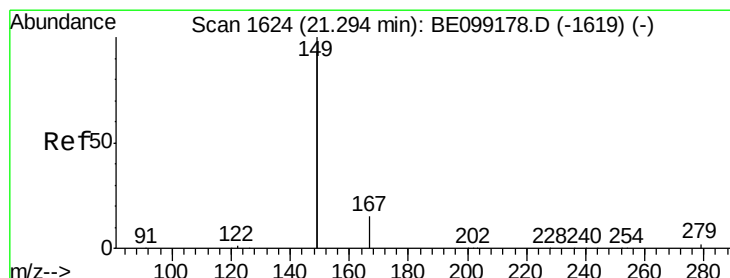
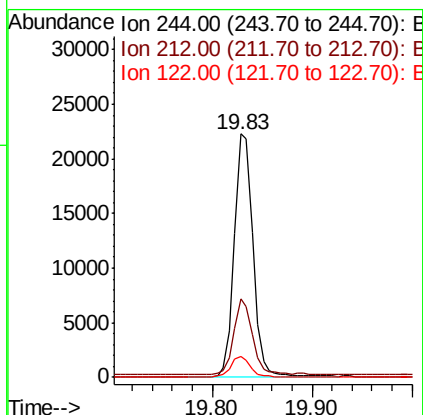
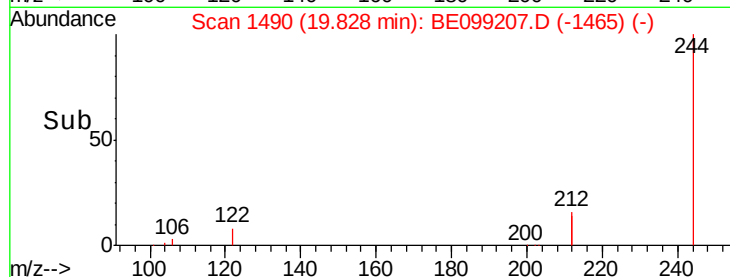
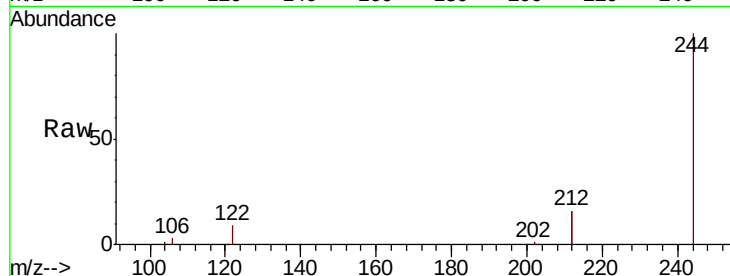
Tot Ion:244 Resp: 28838

Ion Ratio Lower Upper

244 100

212 32.0 22.7 34.1

122 8.6 5.8 8.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.042 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099207.D

Acq: 26 Mar 2019 9:16

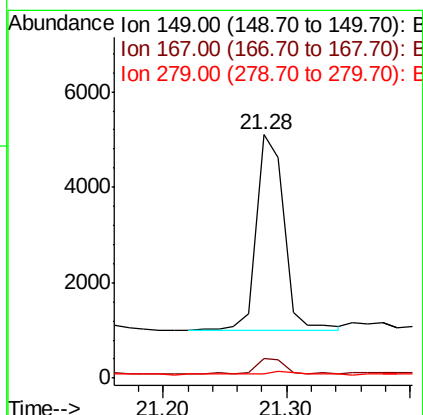
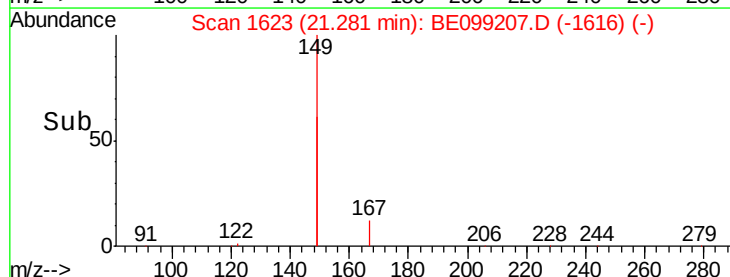
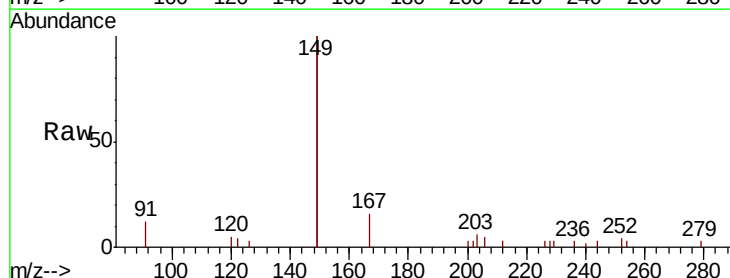
Tgt Ion:149 Resp: 6452

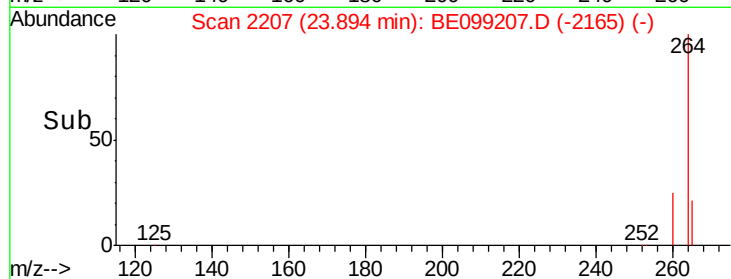
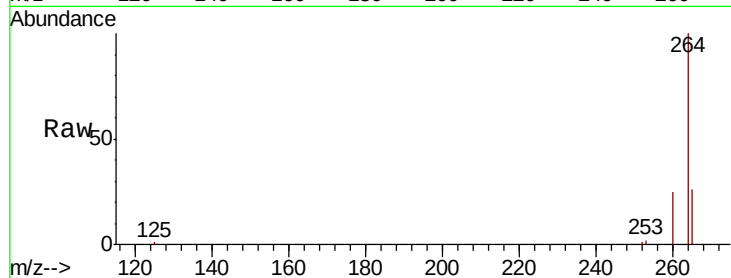
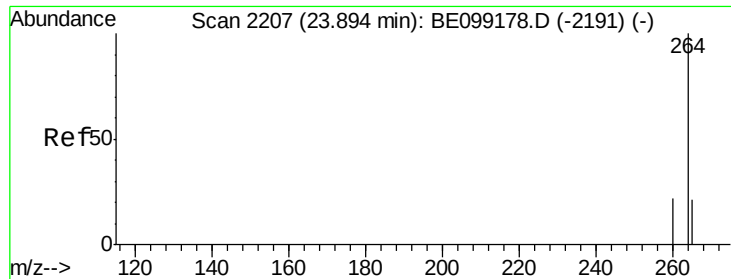
Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

279 2.0 1.0 1.6#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.89 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE099207.D

Acq: 26 Mar 2019 9:16

Instrument :

BNA_E

ClientSampleId :

P024-TW002-01

Tot Ion:264 Resp: 36348

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 26.3 21.8 32.8

