

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
 Data File : BE099227.D
 Acq On : 26 Mar 2019 22:35
 Operator : JU/SJ
 Sample : K2073-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P019-TW001-01

Quant Time: Mar 27 08:51:59 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

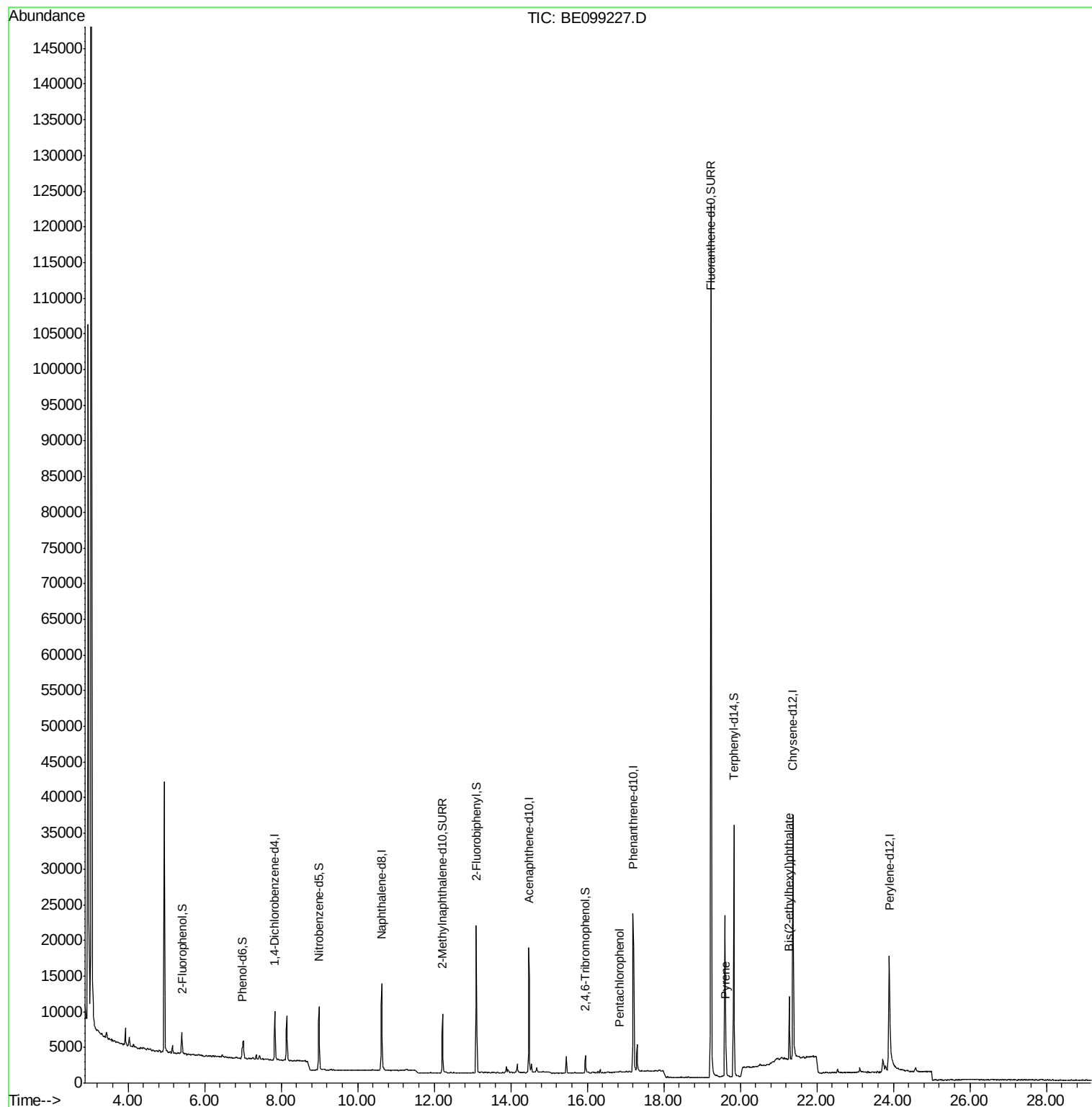
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3368	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	14925	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	11729	0.40	ng	-0.02
19) Phenanthrene-d10	17.20	188	34037	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	38586	0.40	ng	-0.01
34) Perylene-d12	23.89	264	29843	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1741	0.17	ng	0.00
5) Phenol-d6	6.99	99	1524	0.10	ng	0.00
8) Nitrobenzene-d5	8.99	82	4256	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	10999	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1520	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	18216	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	163282	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	32692	0.39	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.85	266	134	0.283	ng	88
28) Pyrene	19.63	202	3525	0.027	ng	98
32) Bis(2-ethylhexyl)phthalate	21.28	149	10116	0.067	ng	100

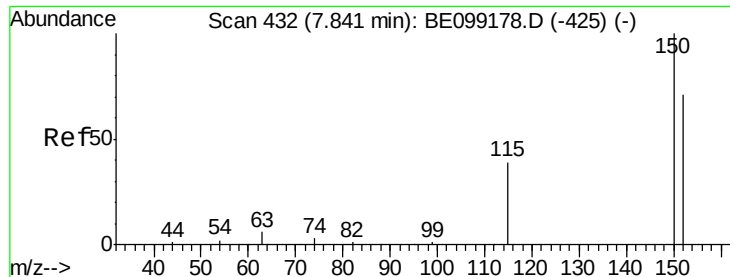
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. -0.01 min

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BNA_E

ClientSampleId :

P019-TW001-01

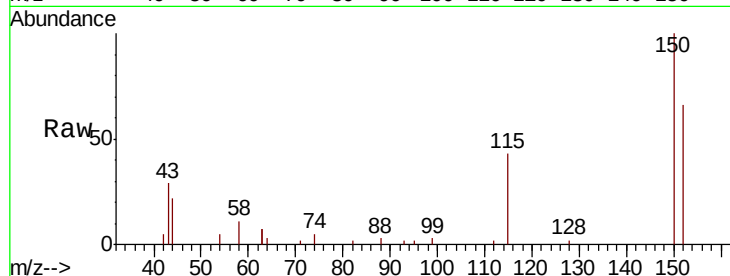
Tgt Ion:152 Resp: 3368

Ion Ratio Lower Upper

152 100

150 150.5 112.8 169.2

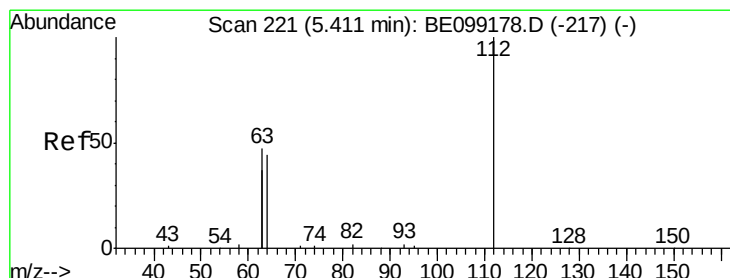
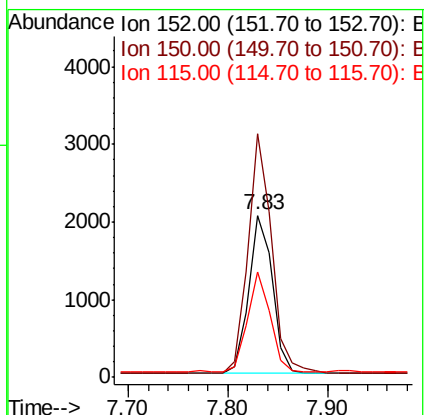
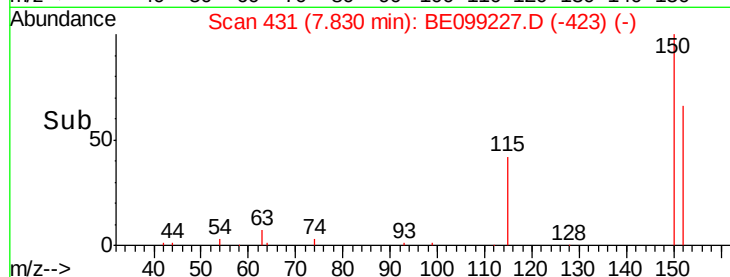
115 65.3 45.1 67.7



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: 0.173 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099227.D

Acq: 26 Mar 2019 22:35

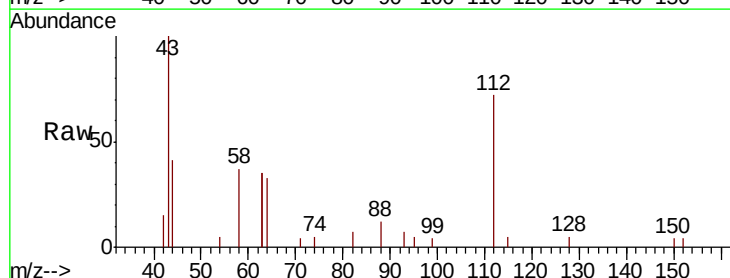
Tgt Ion:112 Resp: 1741

Ion Ratio Lower Upper

112 100

64 56.1 46.2 69.2

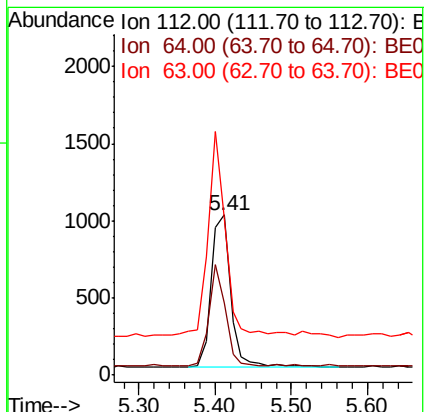
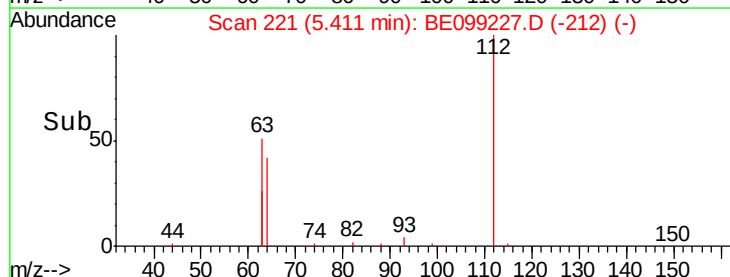
63 118.7 89.9 134.9

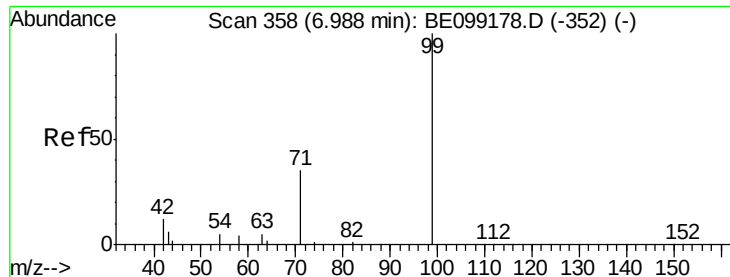


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.099 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099227.D

Acq: 26 Mar 2019 22:35

Instrument :

BNA_E

ClientSampleId :

P019-TW001-01

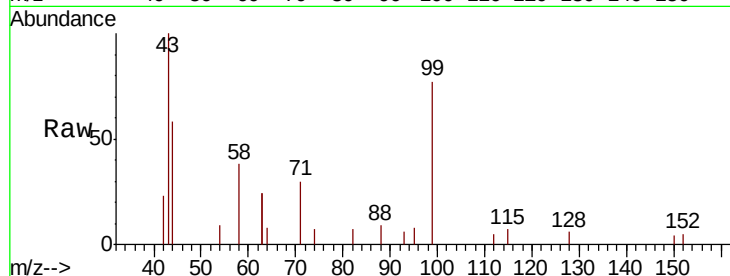
Tgt Ion: 99 Resp: 1524

Ion Ratio Lower Upper

99 100

42 22.8 12.4 18.6#

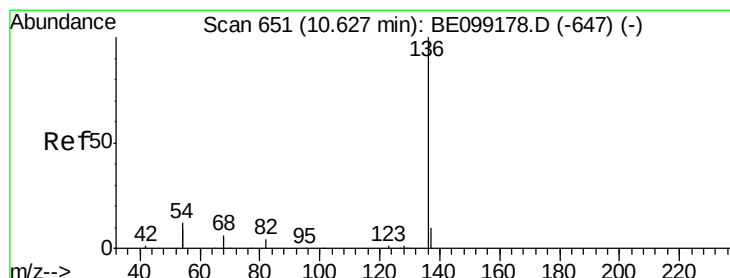
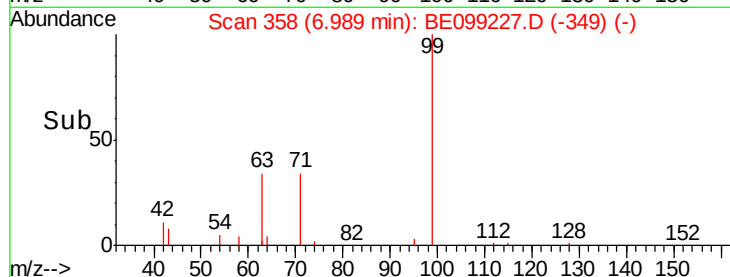
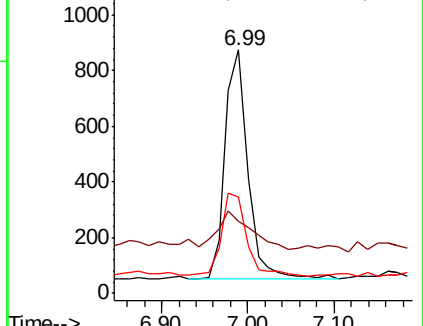
71 39.6 28.4 42.6



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: BE099227.D

Acq: 26 Mar 2019 22:35

Tgt Ion: 136 Resp: 14925

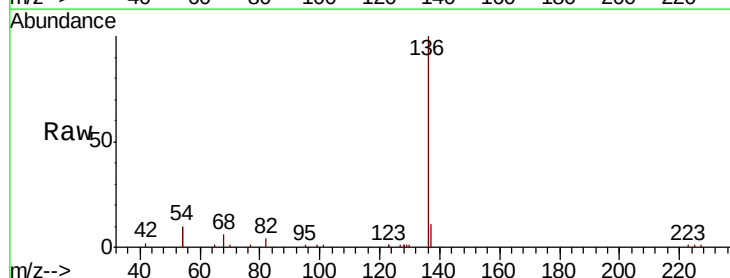
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 20.9 18.7 28.1

68 5.5 5.2 7.8

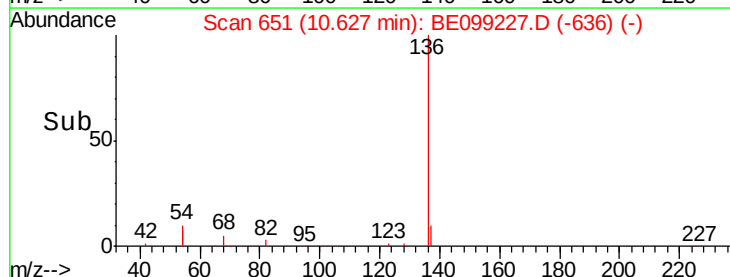
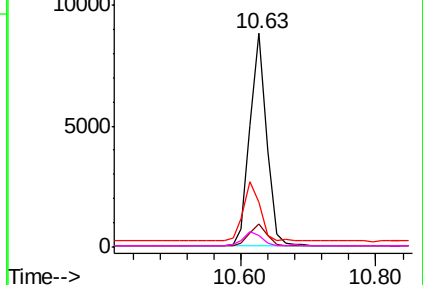


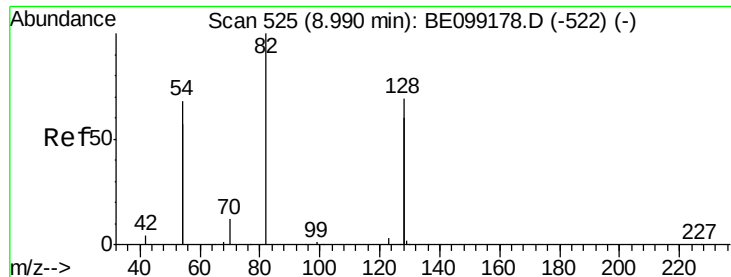
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.349 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099227.D

Acq: 26 Mar 2019 22:35

Instrument :

BNA_E

ClientSampleId :

P019-TW001-01

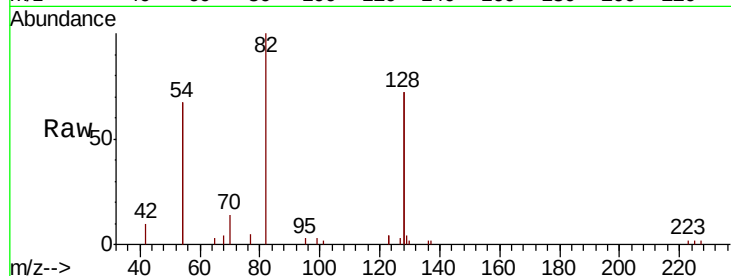
Tgt Ion: 82 Resp: 4256

Ion Ratio Lower Upper

82 100

128 144.3 107.5 161.3

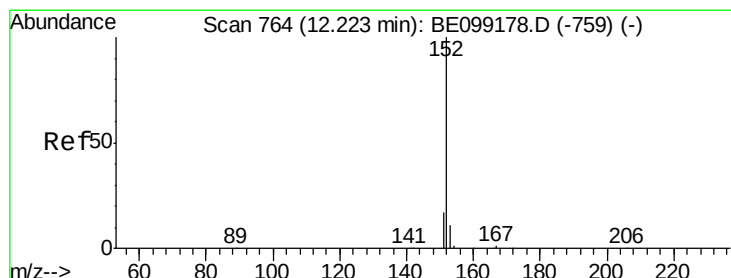
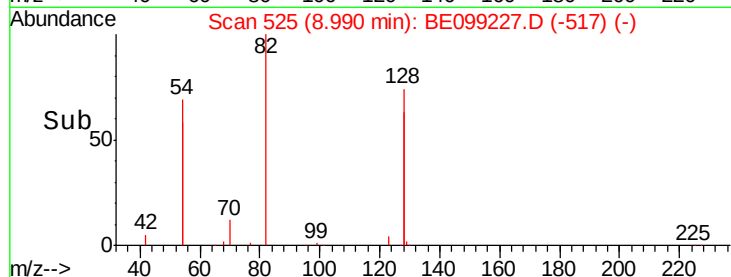
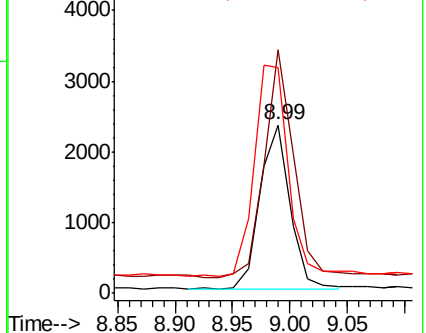
54 134.1 106.3 159.5



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: 0.382 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099227.D

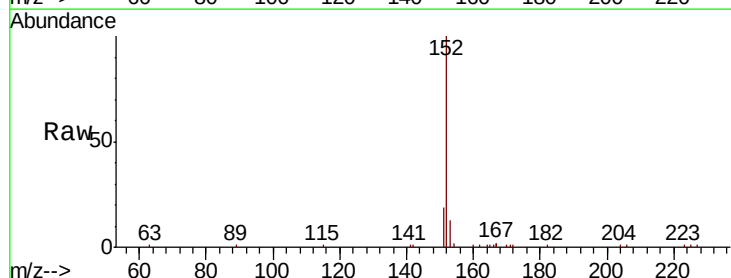
Acq: 26 Mar 2019 22:35

Tgt Ion: 152 Resp: 10999

Ion Ratio Lower Upper

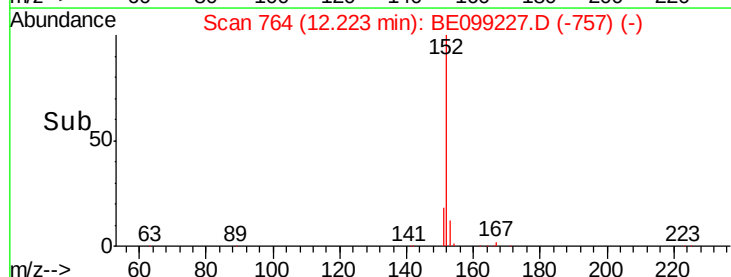
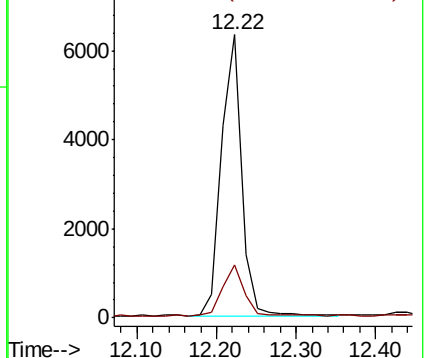
152 100

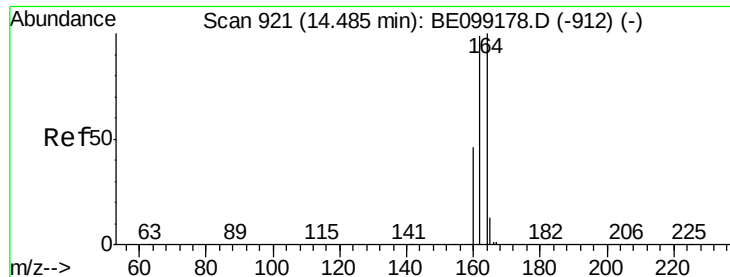
151 18.9 15.0 22.6



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: BE099227.D

Acq: 26 Mar 2019 22:35

Instrument :

BNA_E

ClientSampleId :

P019-TW001-01

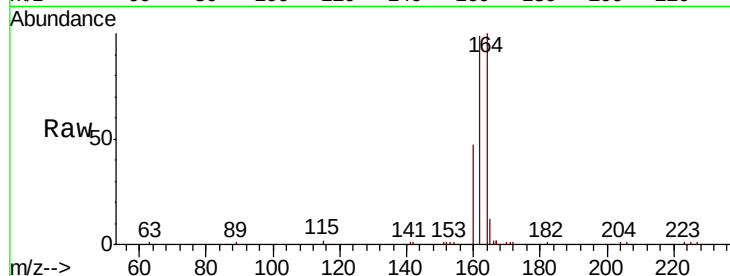
Tgt Ion:164 Resp: 11729

Ion Ratio Lower Upper

164 100

162 98.6 79.2 118.8

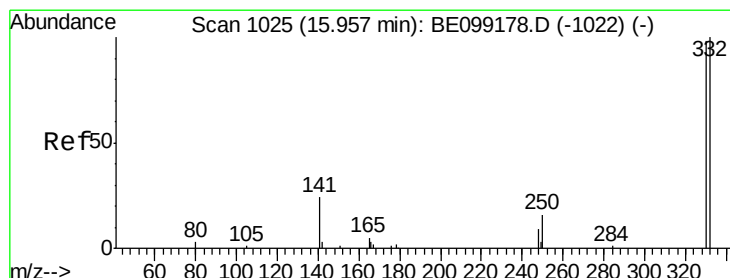
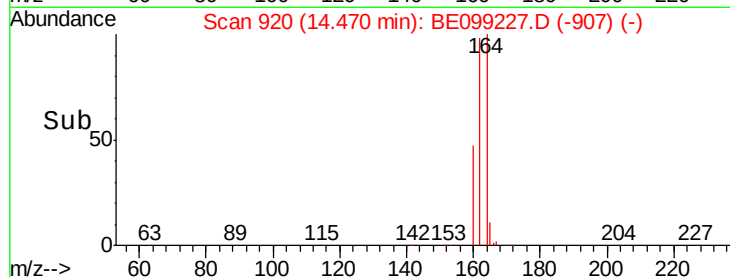
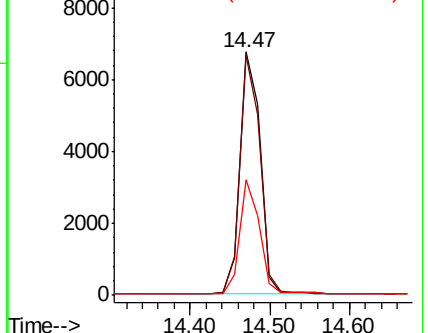
160 47.3 36.7 55.1



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: 0.457 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BE099227.D

Acq: 26 Mar 2019 22:35

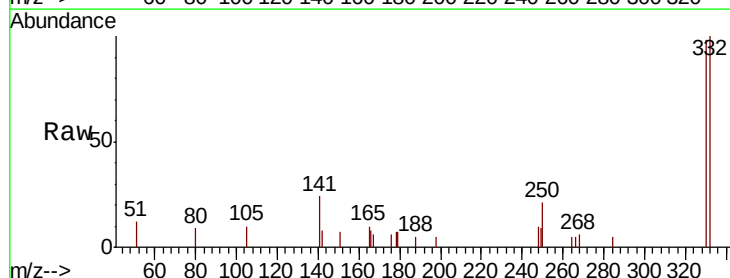
Tgt Ion:330 Resp: 1520

Ion Ratio Lower Upper

330 100

332 103.4 71.3 106.9

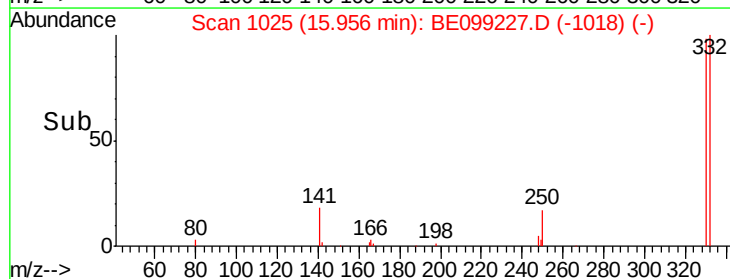
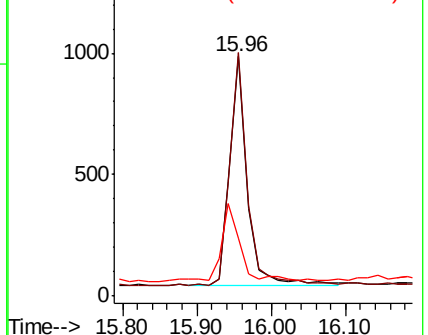
141 35.3 21.7 32.5#

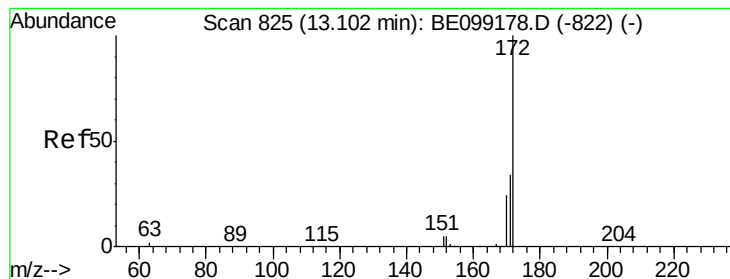


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.381 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099227.D

Acq: 26 Mar 2019 22:35

Instrument :

BNA_E

ClientSampleId :

P019-TW001-01

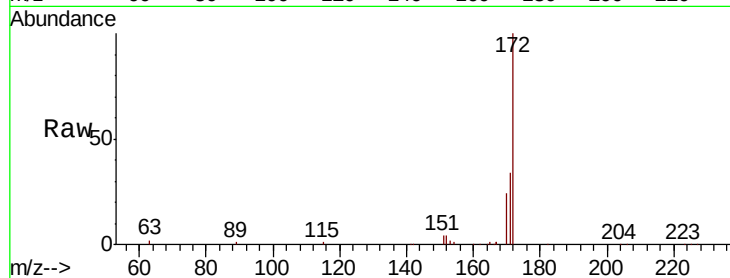
Tgt Ion:172 Resp: 18216

Ion Ratio Lower Upper

172 100

171 34.2 27.4 41.0

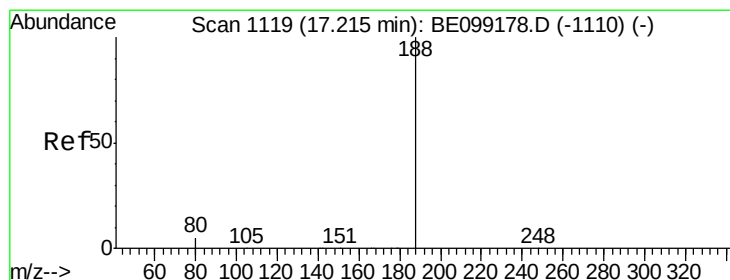
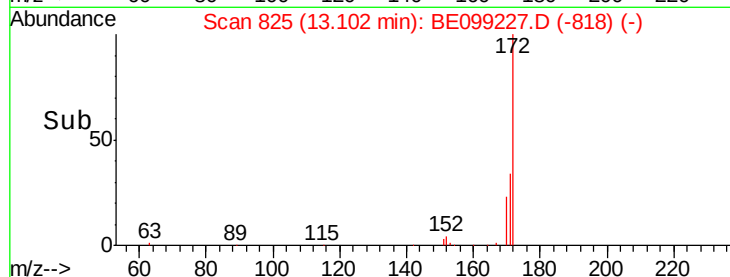
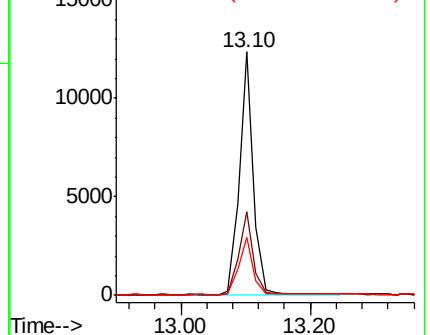
170 23.6 19.1 28.7



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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099227.D

Acq: 26 Mar 2019 22:35

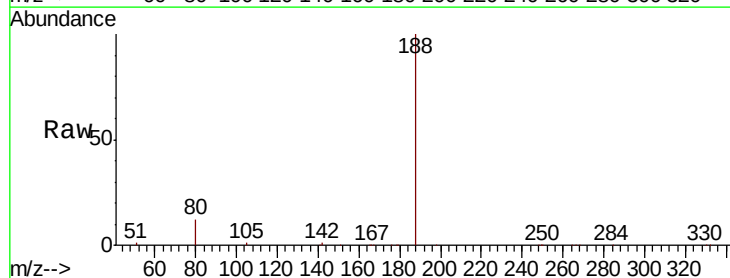
Tgt Ion:188 Resp: 34037

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

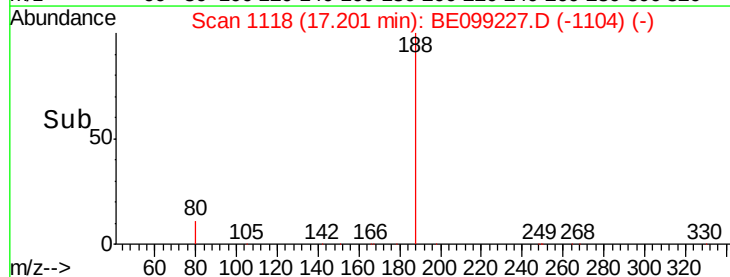
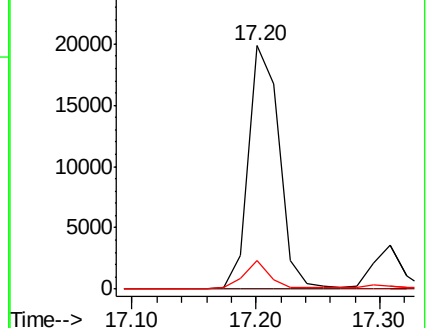
80 11.6 4.5 6.7#

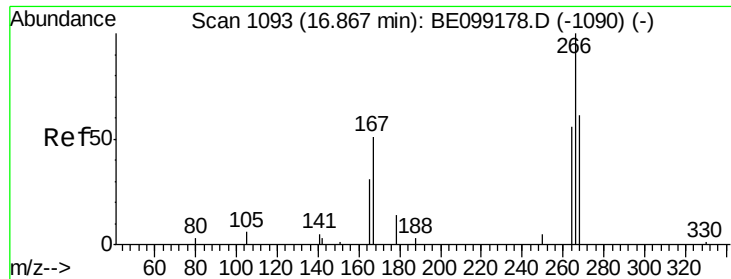


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

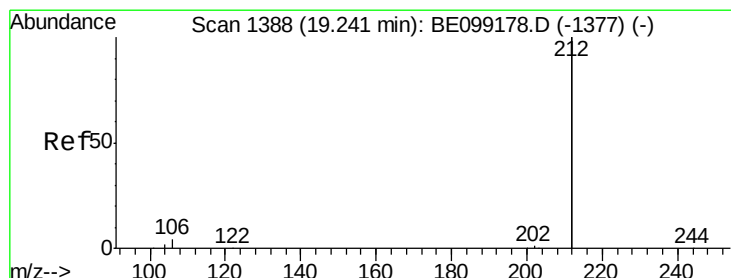
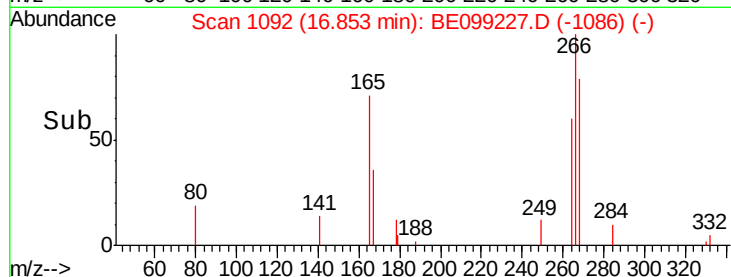
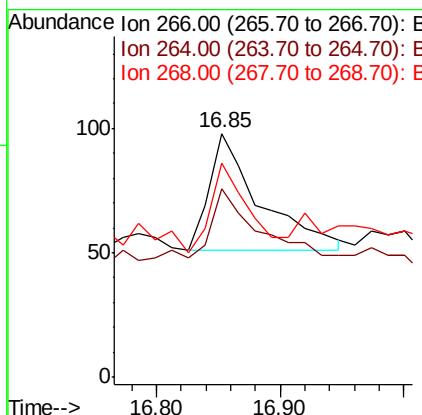
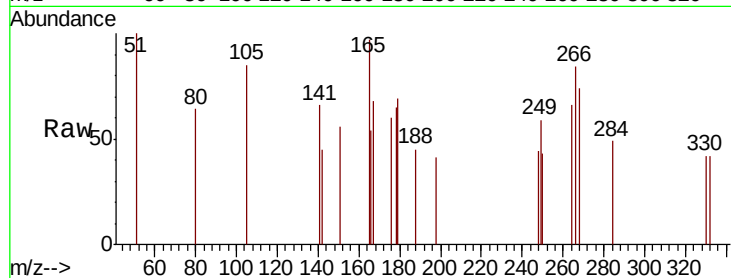




#22
 Pentachlorophenol
 Concen: 0.283 ng
 RT: 16.85 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BE099227.D
 Acq: 26 Mar 2019 22:35

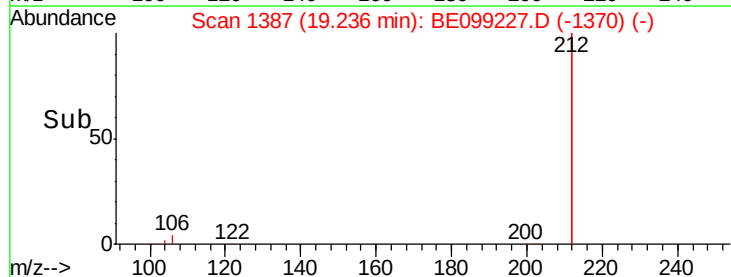
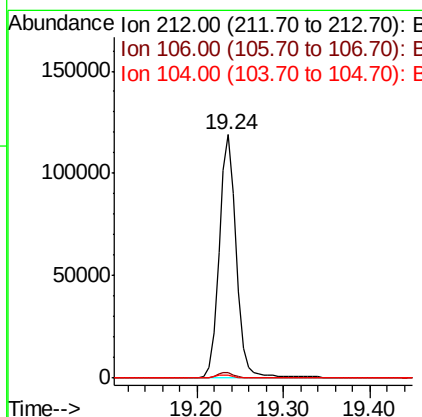
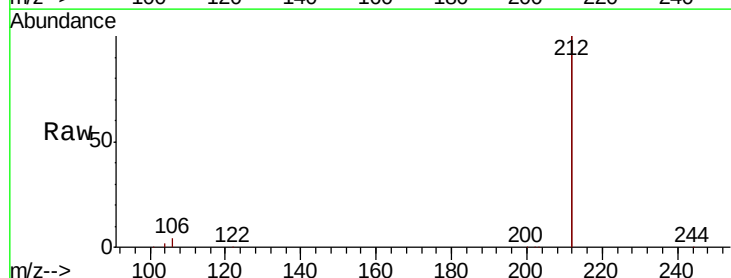
Instrument :
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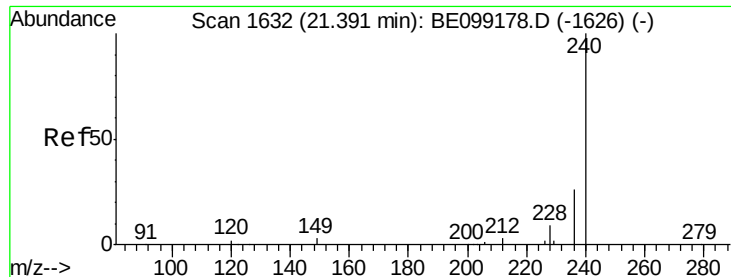
Tgt Ion: 266 Resp: 134
 Ion Ratio Lower Upper
 266 100
 264 77.6 54.4 81.6
 268 87.8 61.3 91.9



#25
 Fluoranthene-d10
 Concen: 0.396 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BE099227.D
 Acq: 26 Mar 2019 22:35

Tgt Ion: 212 Resp: 163282
 Ion Ratio Lower Upper
 212 100
 106 2.3 1.8 2.8
 104 1.3 1.1 1.7





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099227.D

Acq: 26 Mar 2019 22:35

Instrument :

BNA_E

ClientSampleId :

P019-TW001-01

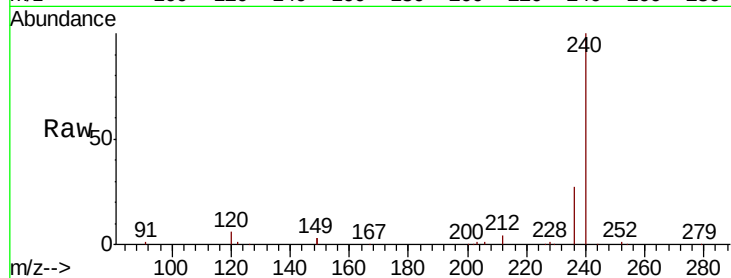
Tgt Ion:240 Resp: 38586

Ion Ratio Lower Upper

240 100

120 6.4 2.6 3.8#

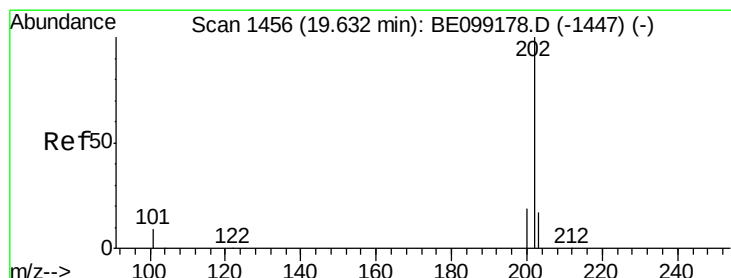
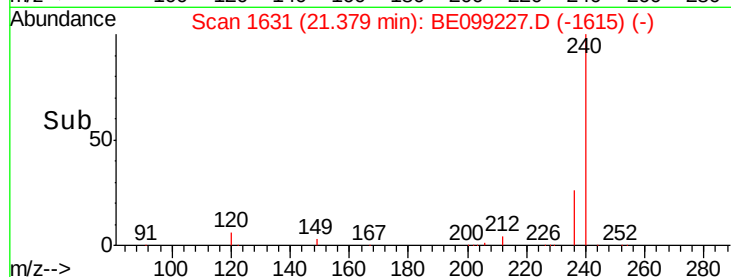
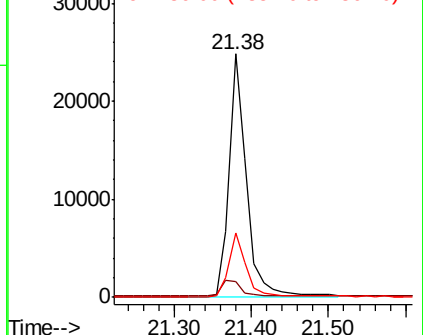
236 26.7 20.9 31.3



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



#28

Pyrene

Concen: 0.027 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BE099227.D

Acq: 26 Mar 2019 22:35

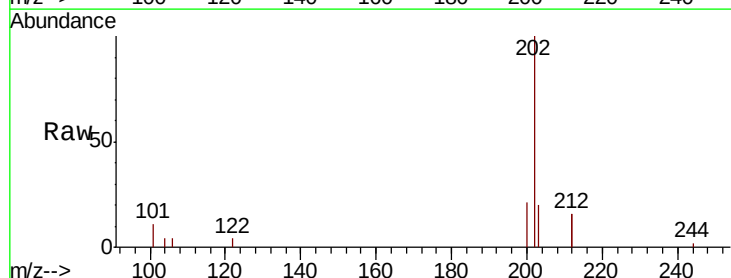
Tgt Ion:202 Resp: 3525

Ion Ratio Lower Upper

202 100

200 19.6 15.8 23.8

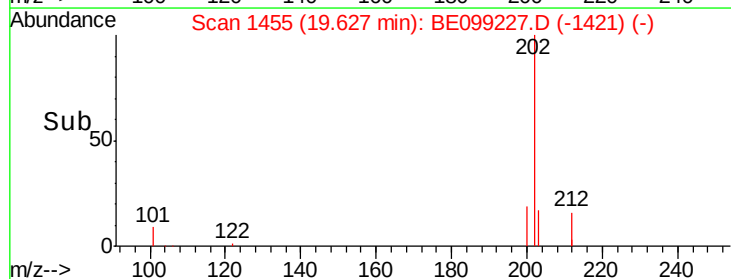
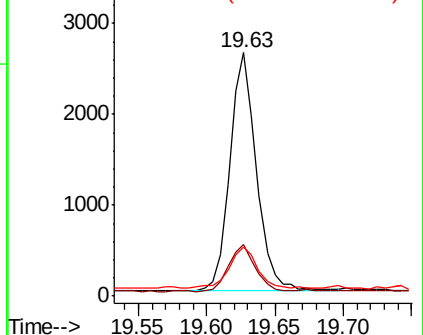
203 18.8 14.1 21.1

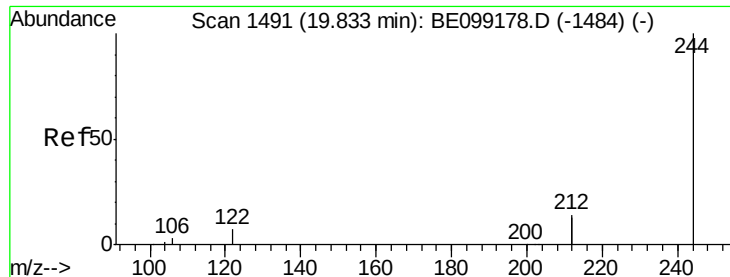


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.390 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE099227.D

Acq: 26 Mar 2019 22:35

Instrument :

BNA_E

ClientSampleId :

P019-TW001-01

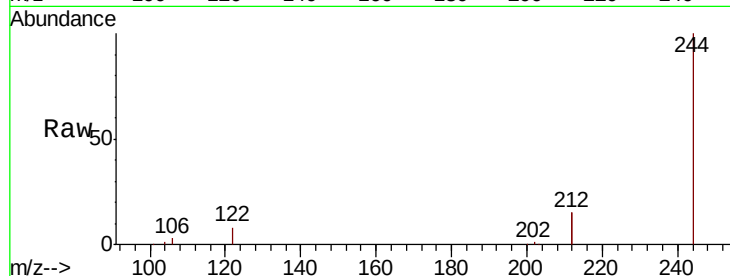
Tgt Ion:244 Resp: 32692

Ion Ratio Lower Upper

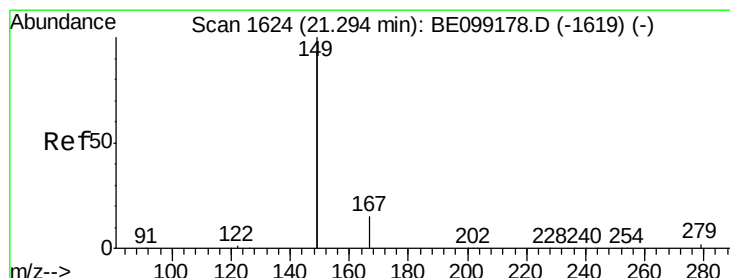
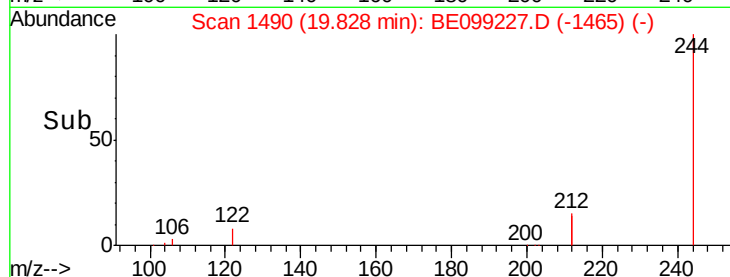
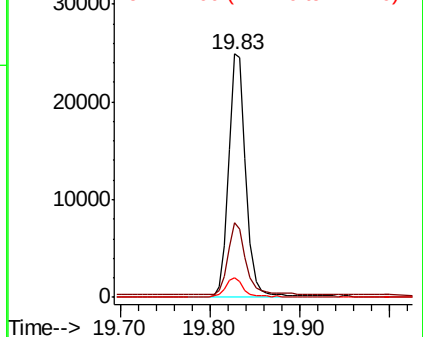
244 100

212 30.8 22.7 34.1

122 8.2 5.8 8.6



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: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099227.D

Acq: 26 Mar 2019 22:35

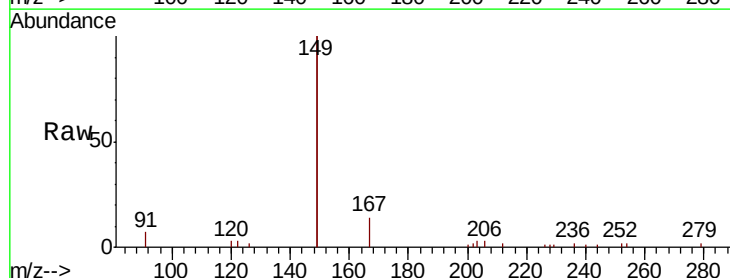
Tgt Ion:149 Resp: 10116

Ion Ratio Lower Upper

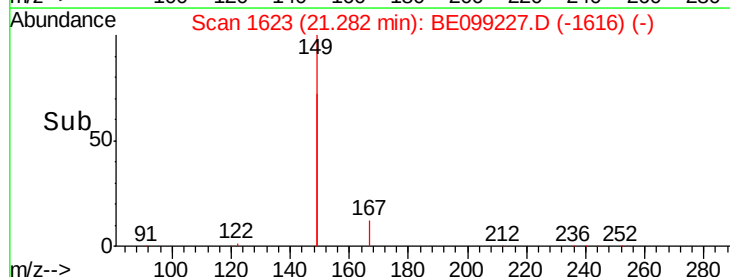
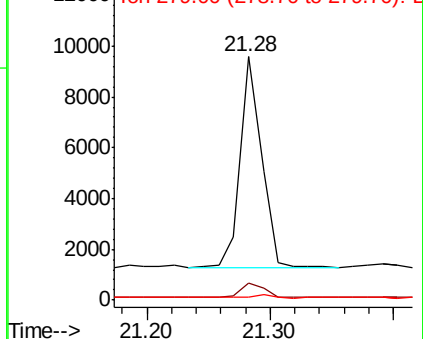
149 100

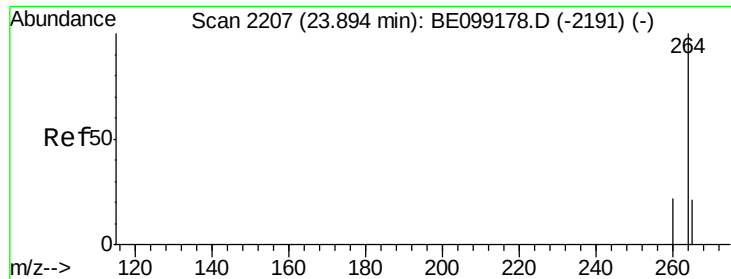
167 7.3 5.9 8.9

279 1.4 1.0 1.6



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: 23.89 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE099227.D
Acq: 26 Mar 2019 22:35

Instrument :
BNA_E
ClientSampleId :
P019-TW001-01

Tgt Ion: 264 Resp: 29843

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.2
265	27.7	21.8	32.8

