

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
 Data File : BE099234.D
 Acq On : 27 Mar 2019 3:01
 Operator : JU/SJ
 Sample : K2064-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P005-TW001-01

Quant Time: Mar 27 08:52:55 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	3752	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	16279	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12807	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	36638	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	41890	0.40	ng	-0.01
34) Perylene-d12	23.89	264	35111	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	1898	0.17	ng	0.00
5) Phenol-d6	6.99	99	1732	0.10	ng	0.00
8) Nitrobenzene-d5	8.99	82	4999	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	13144	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1793	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	22198	0.43	ng	0.00
25) Fluoranthene-d10	19.24	212	192930	0.43	ng	0.00
29) Terphenyl-d14	19.83	244	32666	0.36	ng	0.00

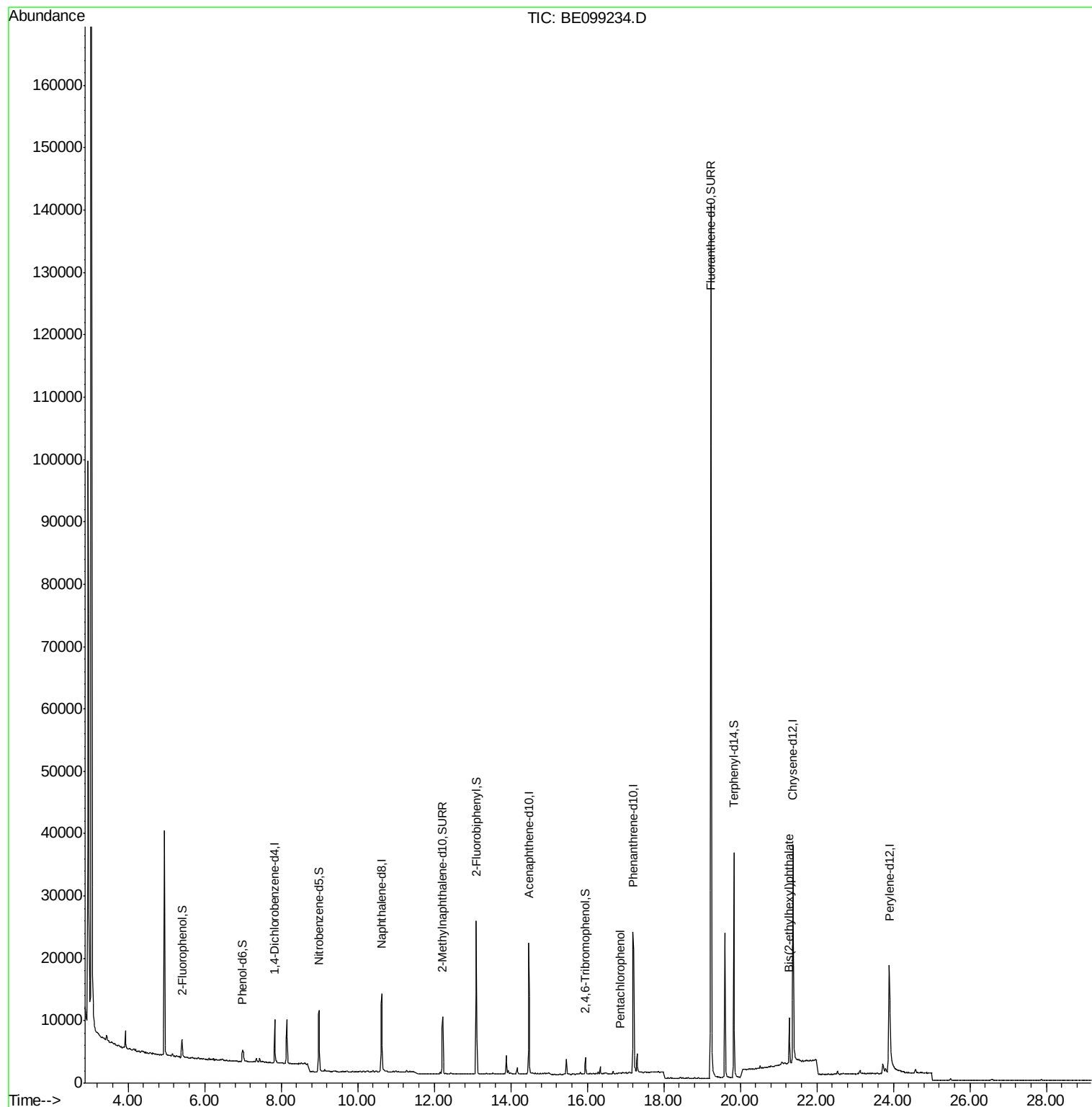
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Pentachlorophenol	16.85	266	62	0.257	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.28	149	9043	0.055	ng	# 98

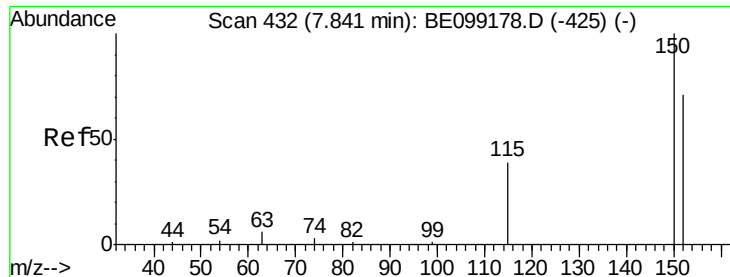
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099234.D

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BNA_E

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P005-TW001-01

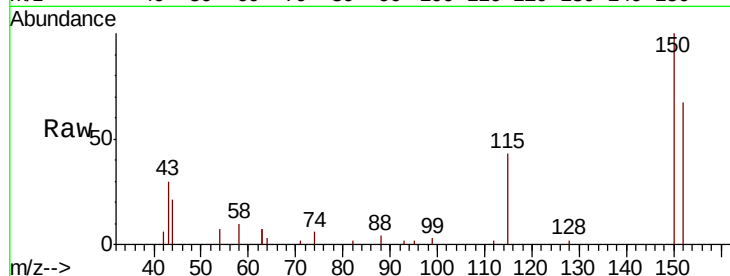
Tgt Ion:152 Resp: 3752

Ion Ratio Lower Upper

152 100

150 148.8 112.8 169.2

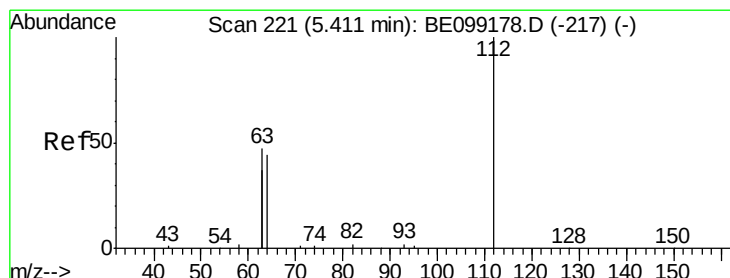
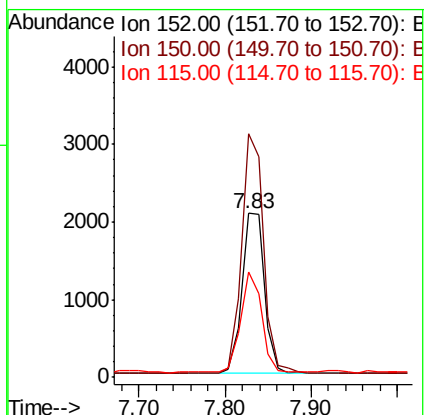
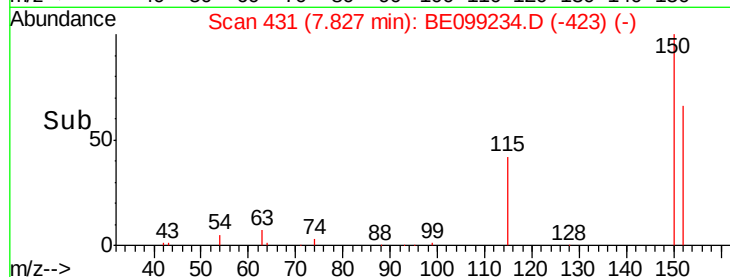
115 64.3 45.1 67.7



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: 0.169 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099234.D

Acq: 27 Mar 2019 3:01

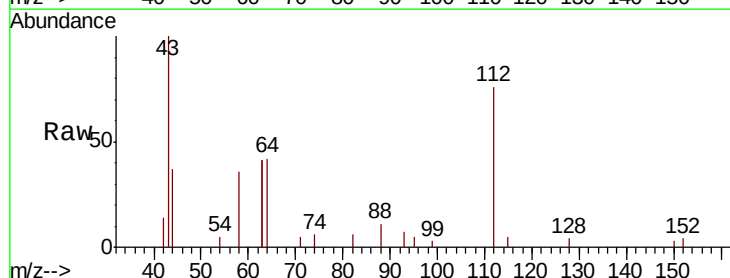
Tgt Ion:112 Resp: 1898

Ion Ratio Lower Upper

112 100

64 58.5 46.2 69.2

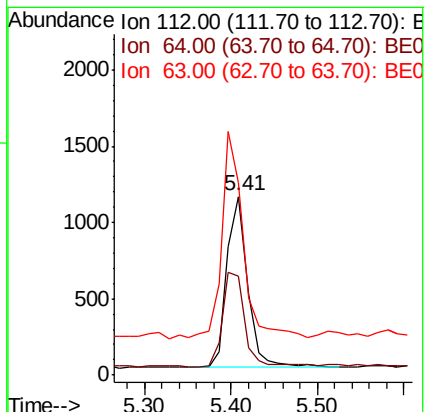
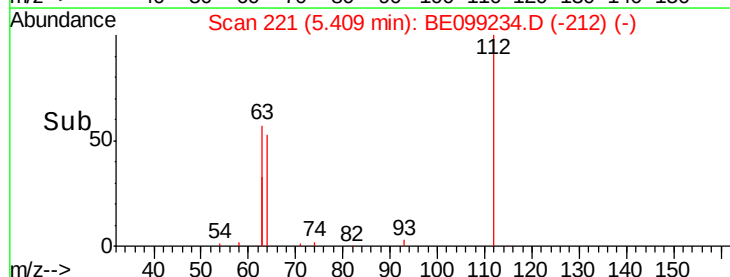
63 127.3 89.9 134.9

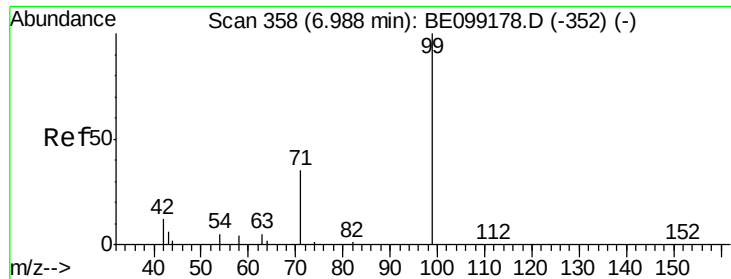


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.101 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099234.D

Acq: 27 Mar 2019 3:01

Instrument :

BNA_E

ClientSampleId :

P005-TW001-01

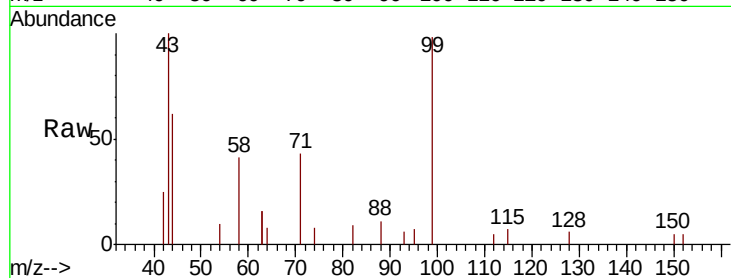
Tgt Ion: 99 Resp: 1732

Ion Ratio Lower Upper

99 100

42 21.9 12.4 18.6#

71 41.4 28.4 42.6

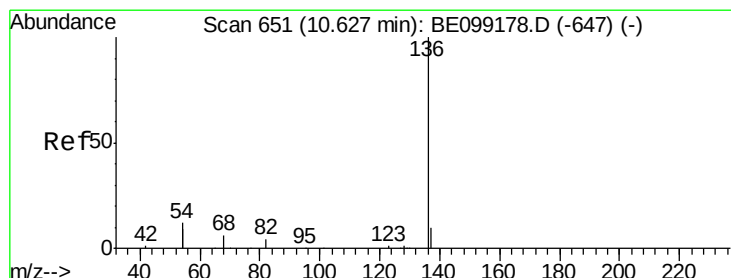
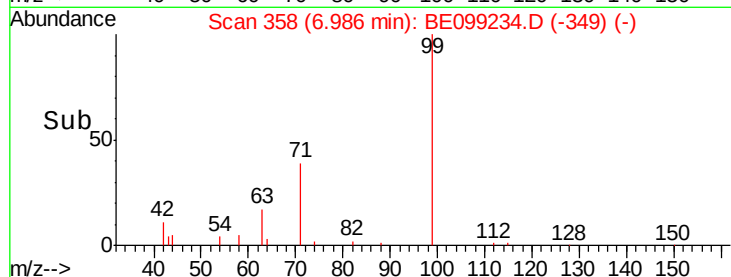
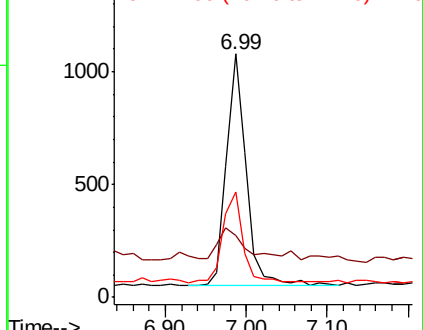


Abundance

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: BE099234.D

Acq: 27 Mar 2019 3:01

Tgt Ion: 136 Resp: 16279

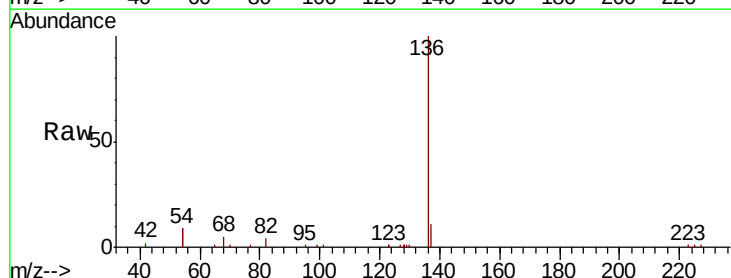
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 17.3 18.7 28.1#

68 4.9 5.2 7.8#



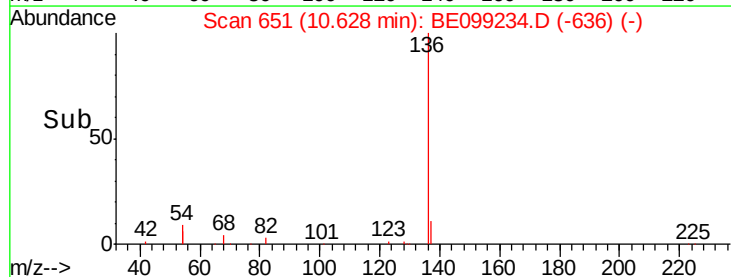
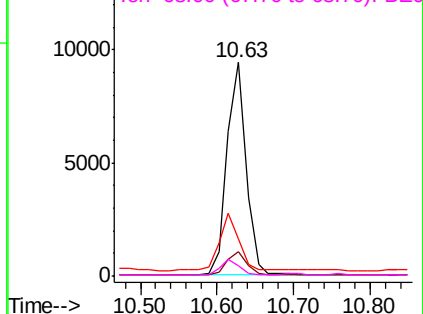
Abundance

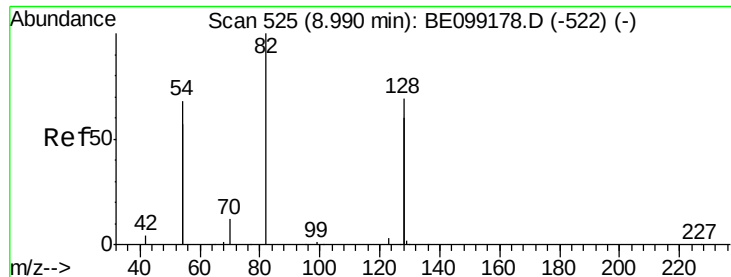
Ion 136.00 (135.70 to 136.70): E

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

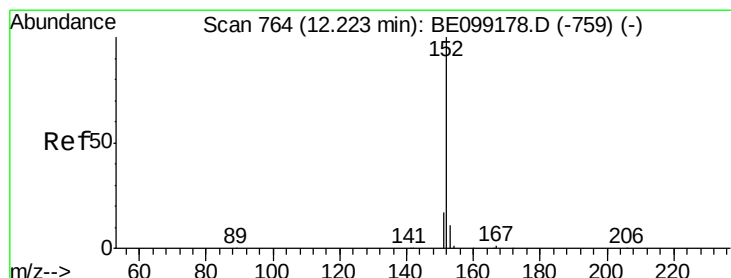
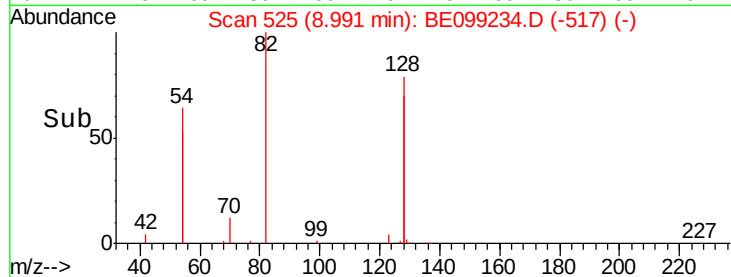
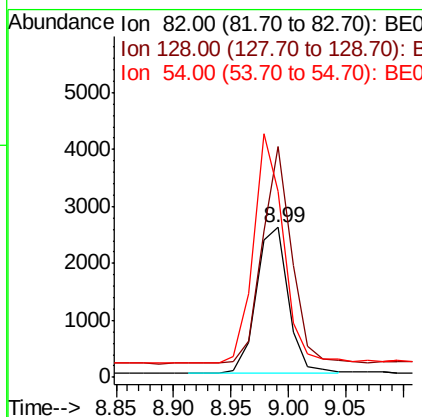
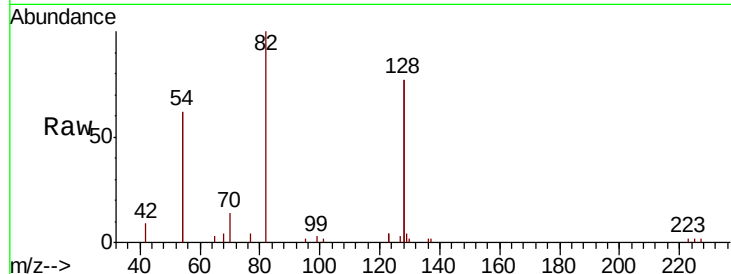




#8
 Nitrobenzene-d5
 Concen: 0.376 ng
 RT: 8.99 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BE099234.D
 Acq: 27 Mar 2019 3:01

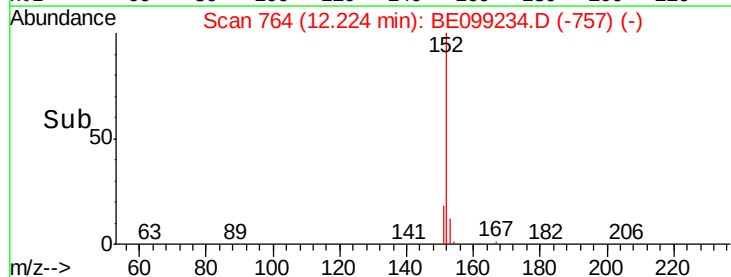
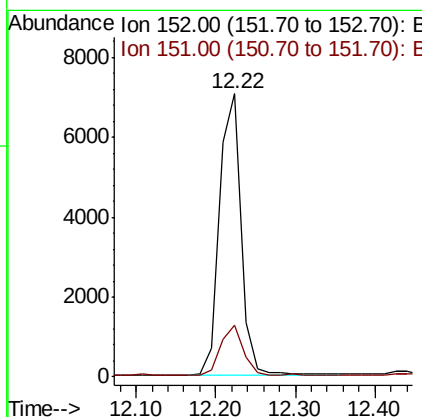
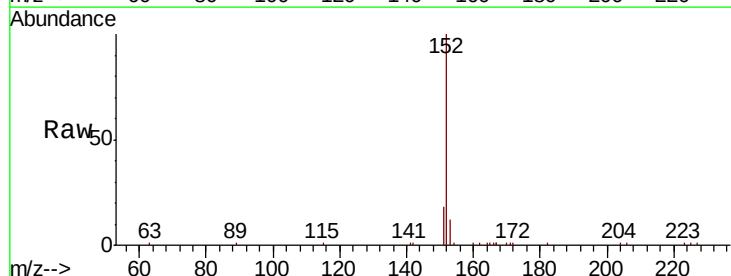
Instrument :
 BNA_E
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 P005-TW001-01

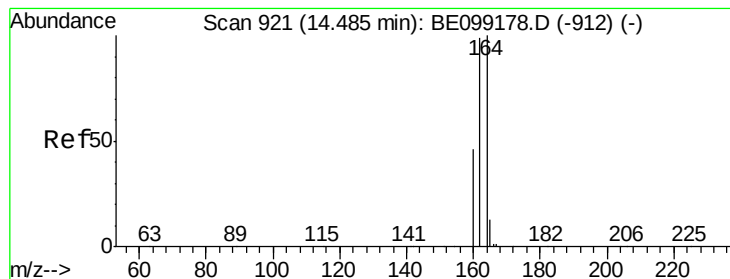
Tgt Ion: 82 Resp: 4999
 Ion Ratio Lower Upper
 82 100
 128 153.7 107.5 161.3
 54 123.9 106.3 159.5



#11
 2-Methylnaphthalene-d10
 Concen: 0.419 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099234.D
 Acq: 27 Mar 2019 3:01

Tgt Ion: 152 Resp: 13144
 Ion Ratio Lower Upper
 152 100
 151 18.1 15.0 22.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.01 min

Lab File: BE099234.D

Acq: 27 Mar 2019 3:01

Instrument :

BNA_E

ClientSampleId :

P005-TW001-01

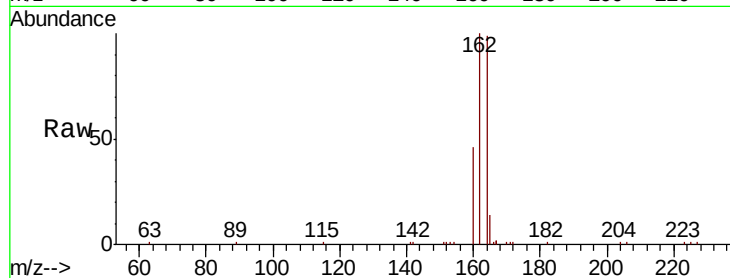
Tgt Ion:164 Resp: 12807

Ion Ratio Lower Upper

164 100

162 100.7 79.2 118.8

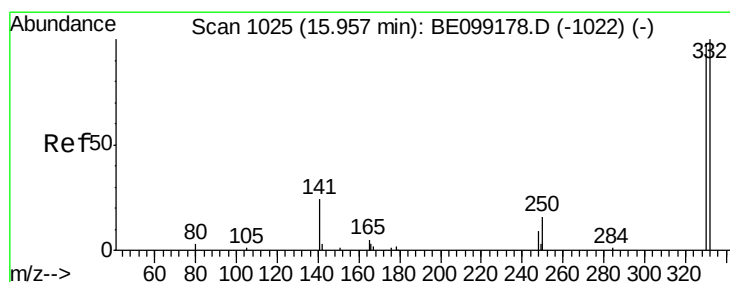
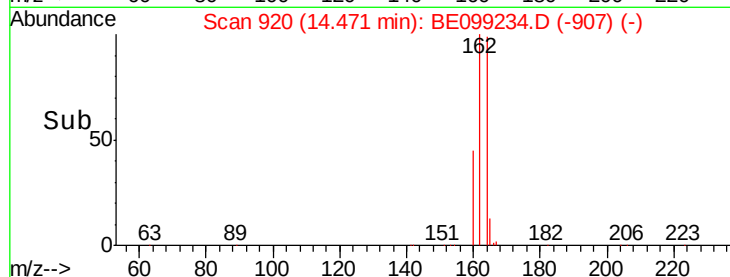
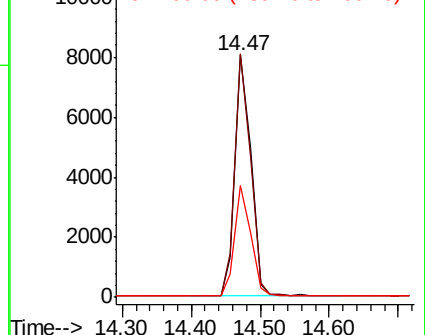
160 46.2 36.7 55.1



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: 0.475 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BE099234.D

Acq: 27 Mar 2019 3:01

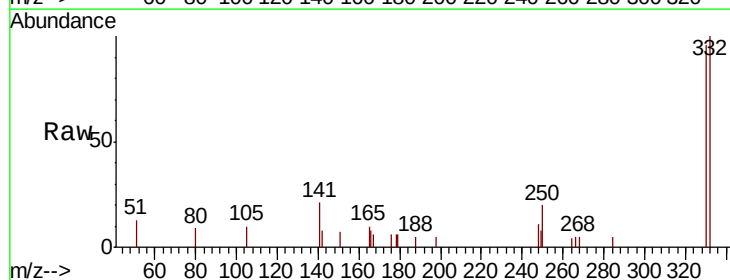
Tgt Ion:330 Resp: 1793

Ion Ratio Lower Upper

330 100

332 93.1 71.3 106.9

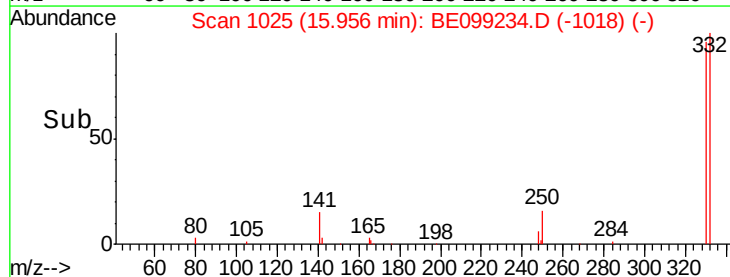
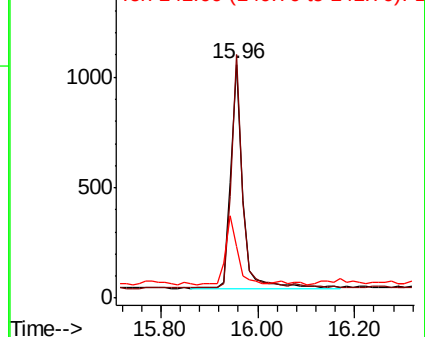
141 29.2 21.7 32.5

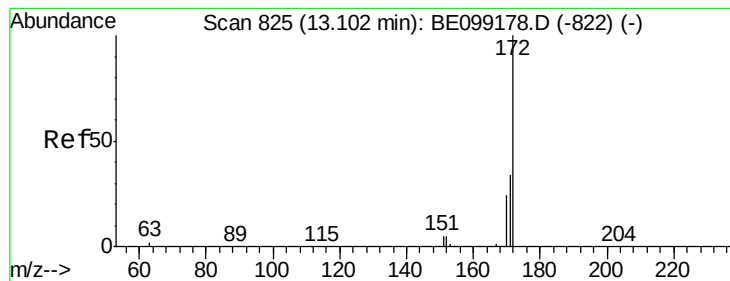


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

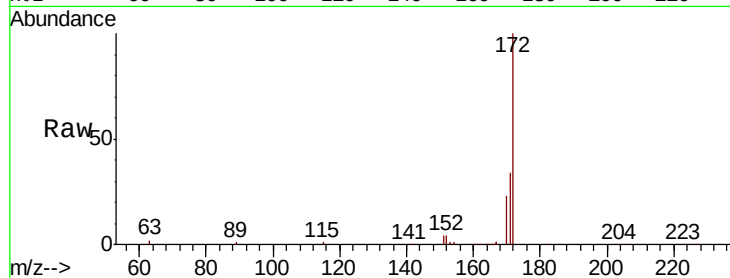




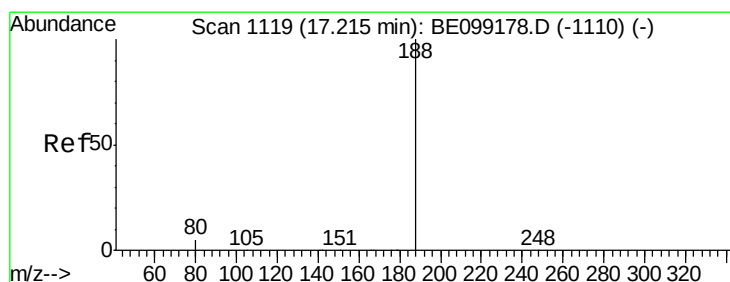
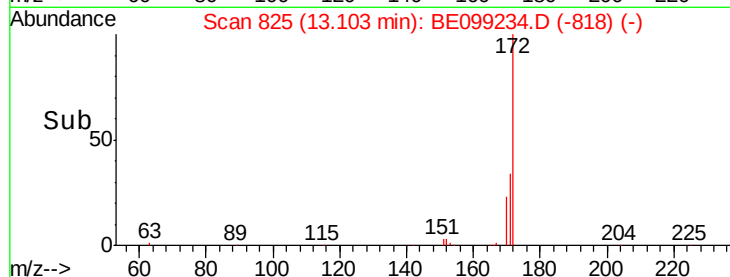
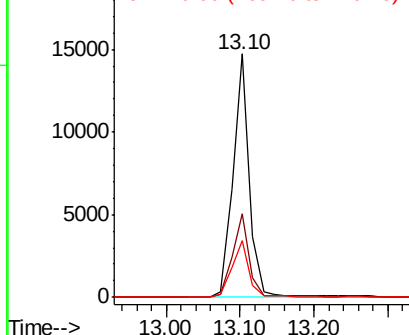
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099234.D
Acq: 27 Mar 2019 3:01

Instrument :
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P005-TW001-01

Tgt Ion:172 Resp: 22198
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.0
170 23.1 19.1 28.7

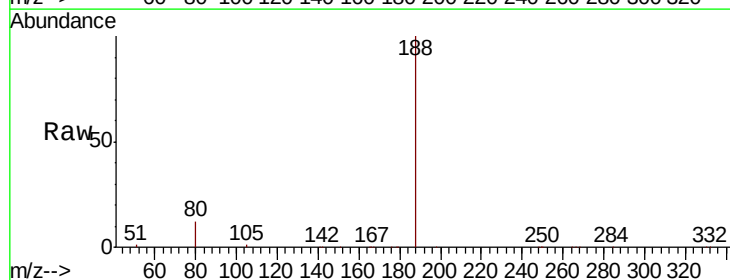


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

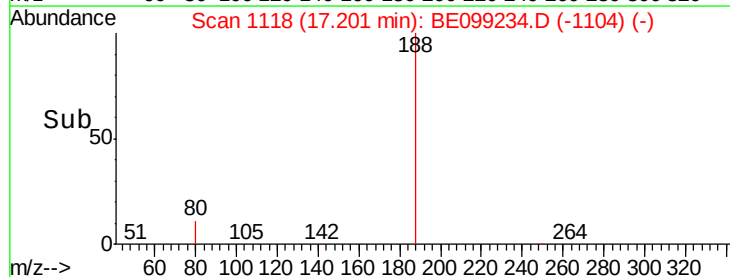
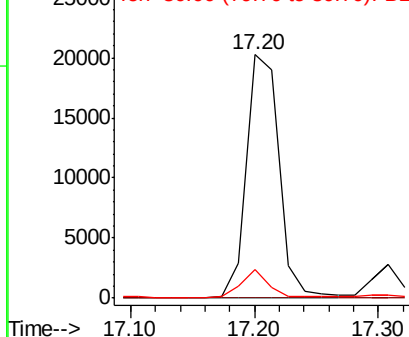


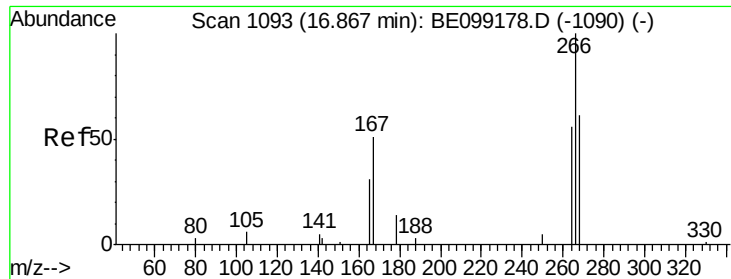
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099234.D
Acq: 27 Mar 2019 3:01

Tgt Ion:188 Resp: 36638
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 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: 0.257 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099234.D

Acq: 27 Mar 2019 3:01

Instrument :

BNA_E

ClientSampleId :

P005-TW001-01

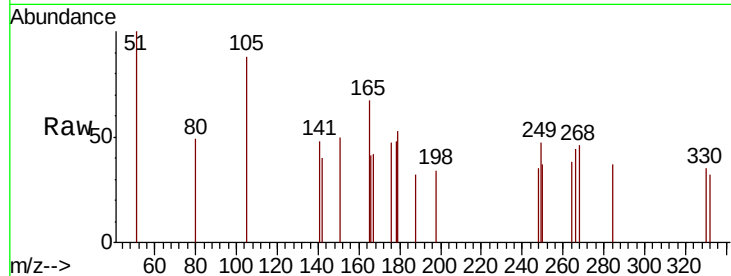
Tgt Ion: 266 Resp: 62

Ion Ratio Lower Upper

266 100

264 86.2 54.4 81.6#

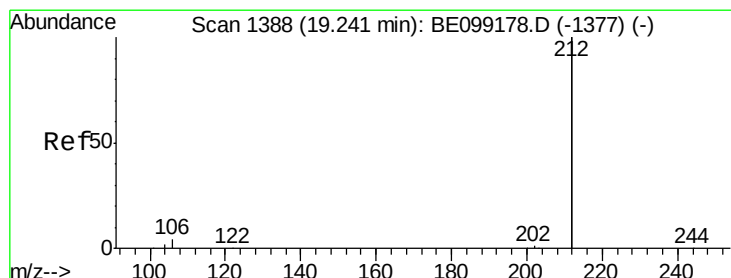
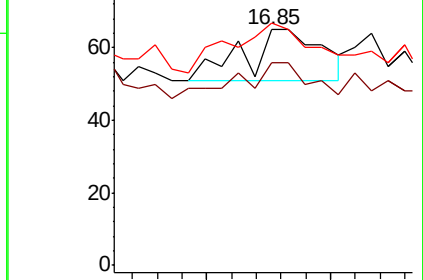
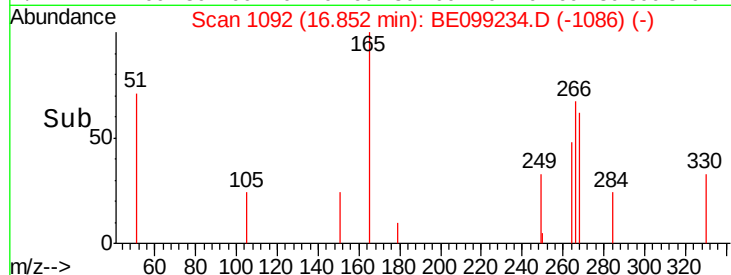
268 103.1 61.3 91.9#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.435 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099234.D

Acq: 27 Mar 2019 3:01

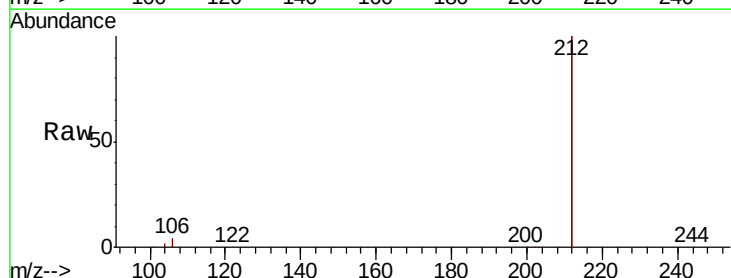
Tgt Ion: 212 Resp: 192930

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

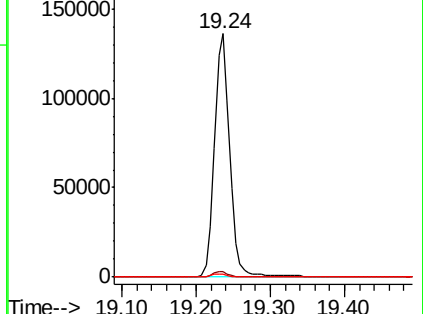
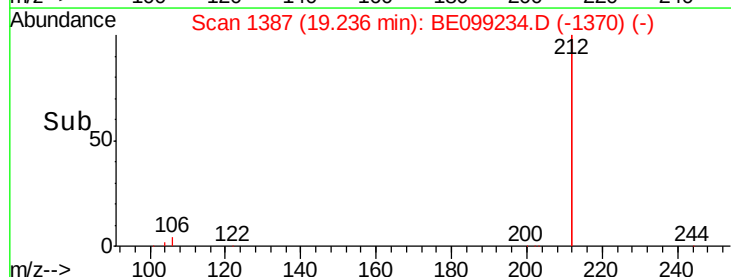
104 1.3 1.1 1.7

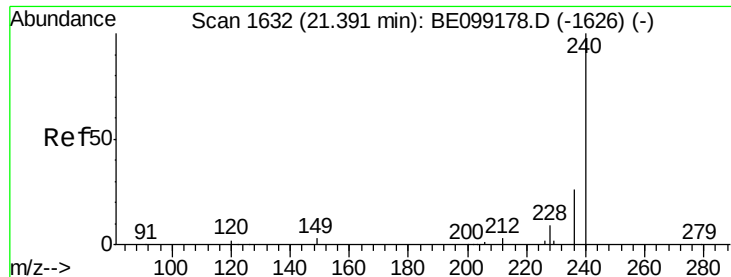


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

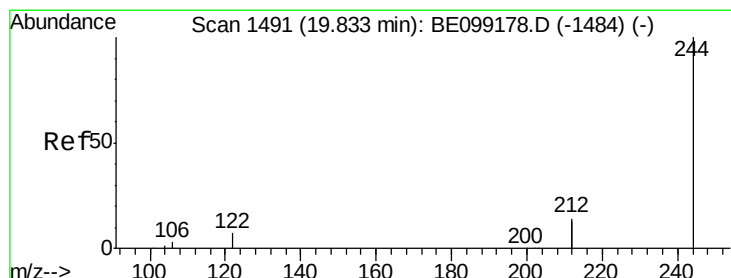
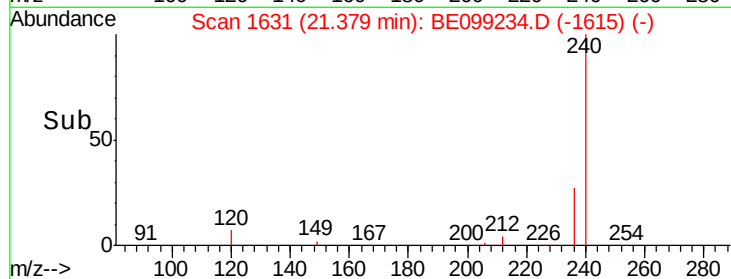
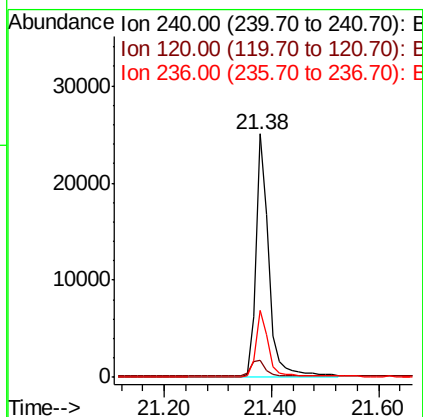
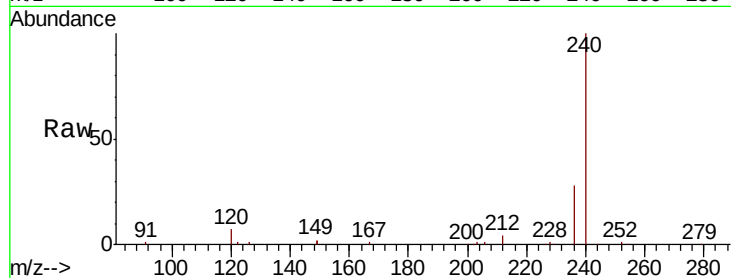




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BE099234.D
 Acq: 27 Mar 2019 3:01

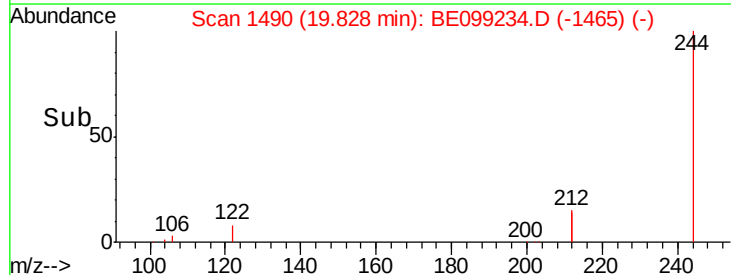
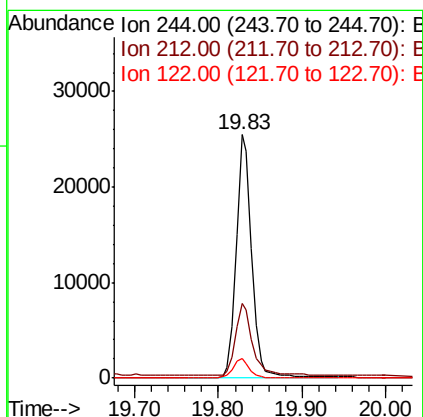
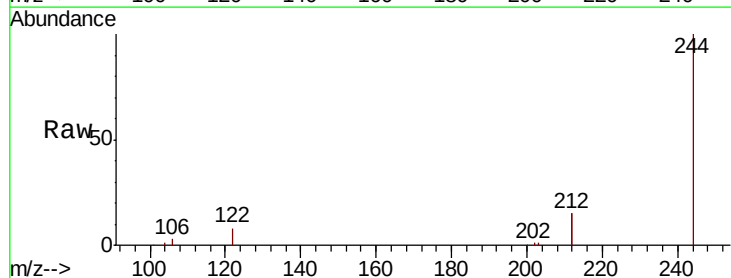
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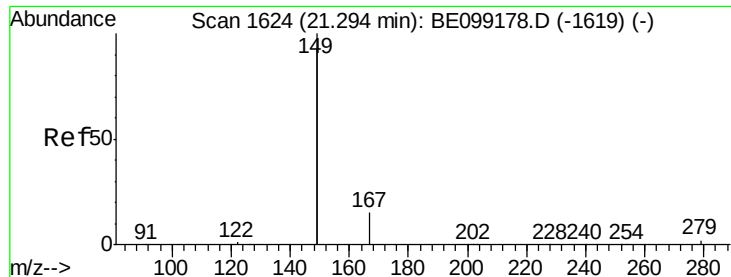
Tgt Ion:240 Resp: 41890
 Ion Ratio Lower Upper
 240 100
 120 7.1 2.6 3.8#
 236 27.6 20.9 31.3



#29
 Terphenyl-d14
 Concen: 0.359 ng
 RT: 19.83 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BE099234.D
 Acq: 27 Mar 2019 3:01

Tgt Ion:244 Resp: 32666
 Ion Ratio Lower Upper
 244 100
 212 30.9 22.7 34.1
 122 7.9 5.8 8.6





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.055 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099234.D

Acq: 27 Mar 2019 3:01

Instrument :

BNA_E

ClientSampleId :

P005-TW001-01

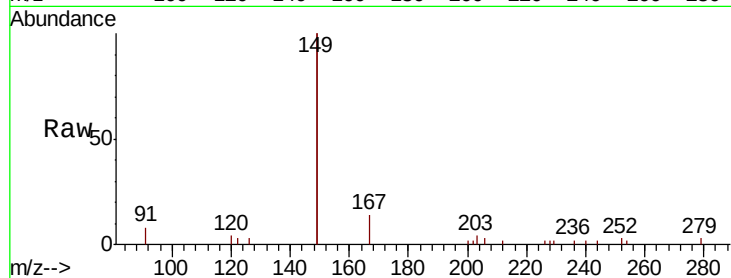
Tgt Ion:149 Resp: 9043

Ion Ratio Lower Upper

149 100

167 6.5 5.9 8.9

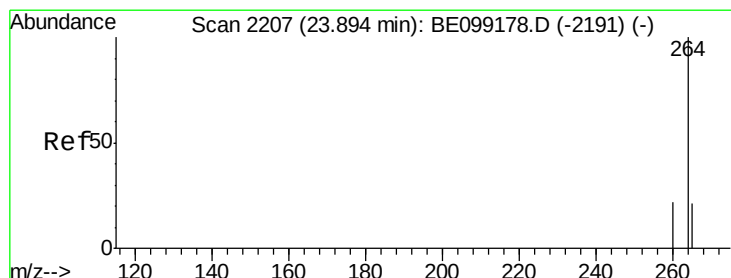
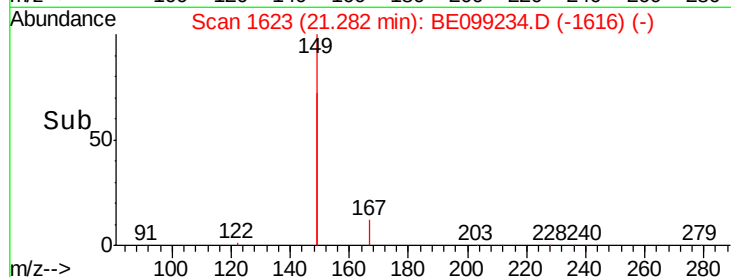
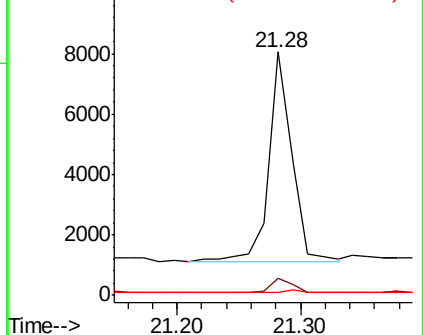
279 1.6 1.0 1.6#



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# 2206

Delta R.T. -0.00 min

Lab File: BE099234.D

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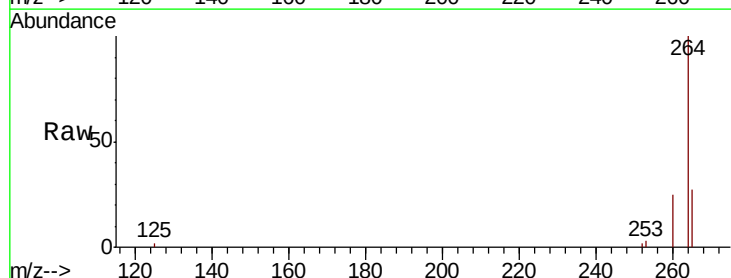
Tgt Ion:264 Resp: 35111

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.2

265 26.9 21.8 32.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

