

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
 Data File : BE099224.D
 Acq On : 26 Mar 2019 20:42
 Operator : JU/SJ
 Sample : K2073-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P011-TW001-01

Quant Time: Mar 27 08:51:32 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	3560	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	15245	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	11684	0.40	ng	-0.01
19) Phenanthrene-d10	17.31	188	10222	0.40	ng	0.09
27) Chrysene-d12	21.38	240	36680	0.40	ng	-0.01
34) Perylene-d12	23.89	264	30218	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	1824	0.17	ng	0.00
5) Phenol-d6	6.99	99	1534	0.09	ng	0.00
8) Nitrobenzene-d5	8.99	82	4713	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11430	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1463	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	20753	0.44	ng	0.00
25) Fluoranthene-d10	19.60	212	57924	0.47	ng	0.36
29) Terphenyl-d14	19.83	244	33499	0.42	ng	0.00

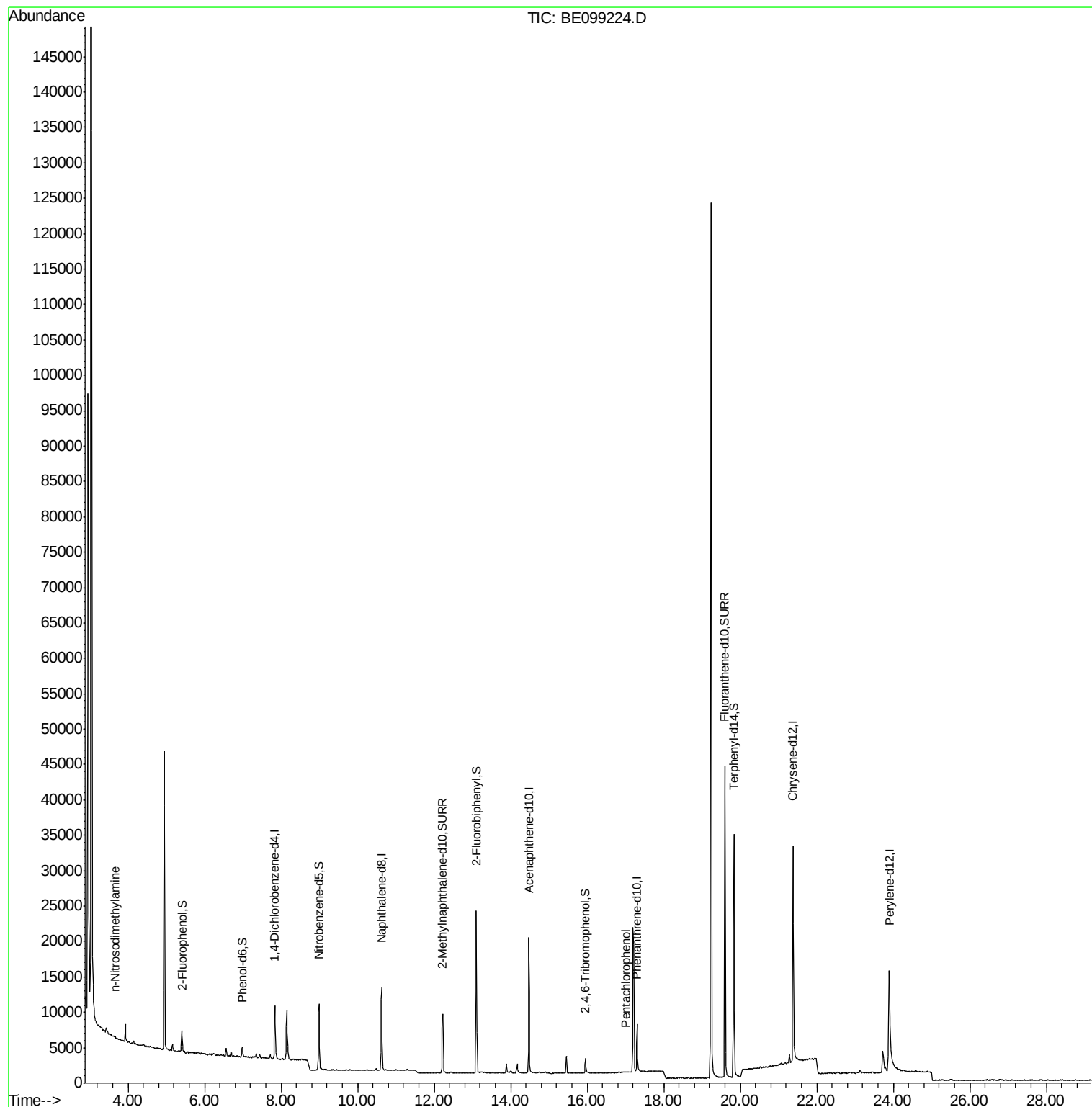
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.67	42	172	0.065	ng	# 1
22) Pentachlorophenol	17.01	266	24	0.265	ng	# 79

(#) = 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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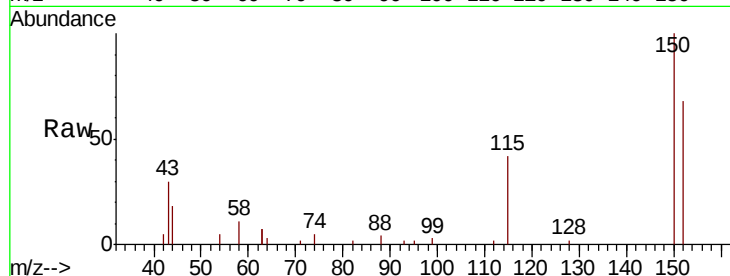
Tgt Ion: 152 Resp: 3560

Ion Ratio Lower Upper

152 100

150 147.5 112.8 169.2

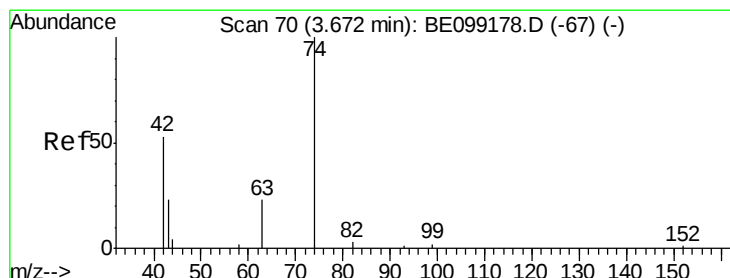
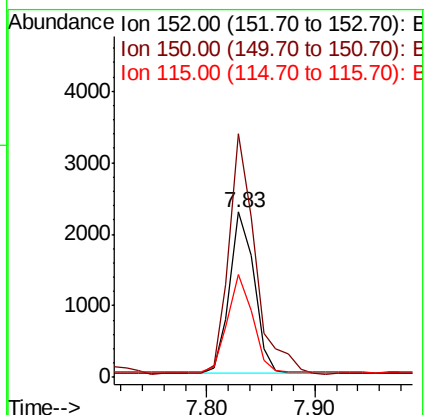
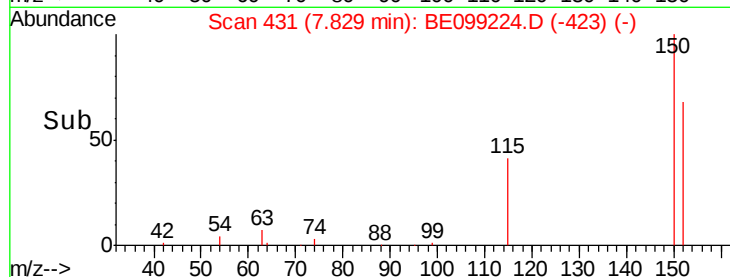
115 61.9 45.1 67.7



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



#3

n-Nitrosodimethylamine

Concen: 0.065 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE099224.D

Acq: 26 Mar 2019 20:42

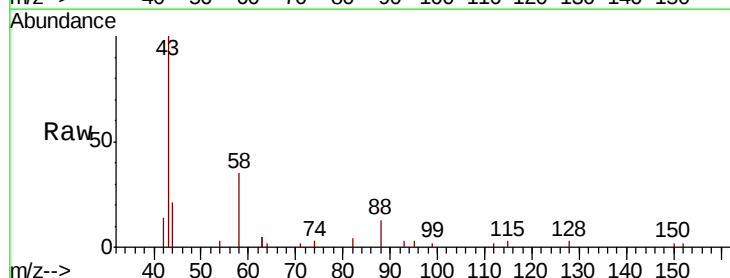
Tgt Ion: 42 Resp: 172

Ion Ratio Lower Upper

42 100

74 11.0 138.6 207.8#

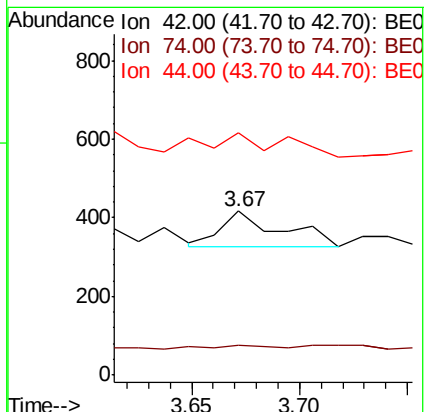
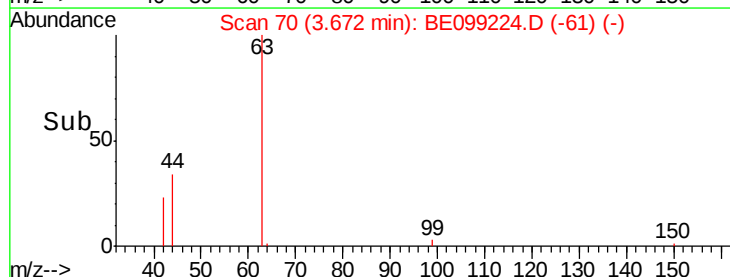
44 89.0 15.0 22.6#

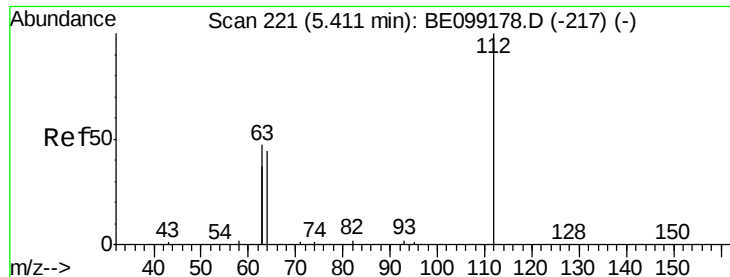


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

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Instrument :

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P011-TW001-01

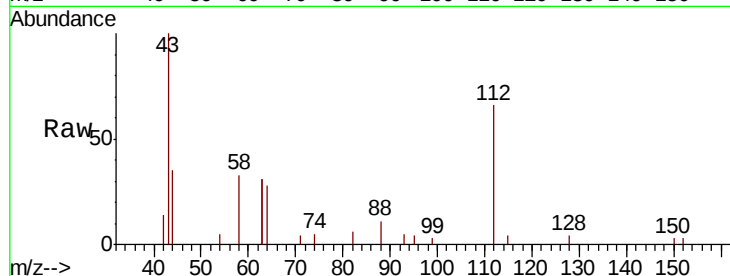
Tgt Ion: 112 Resp: 1824

Ion Ratio Lower Upper

112 100

64 56.6 46.2 69.2

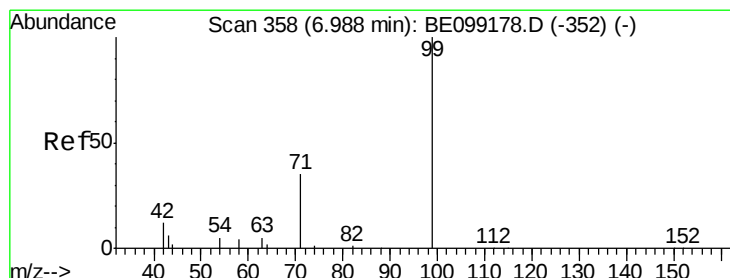
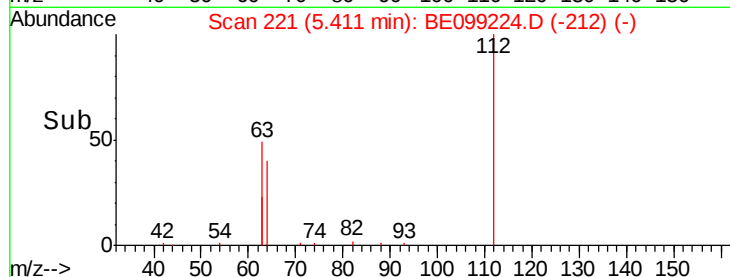
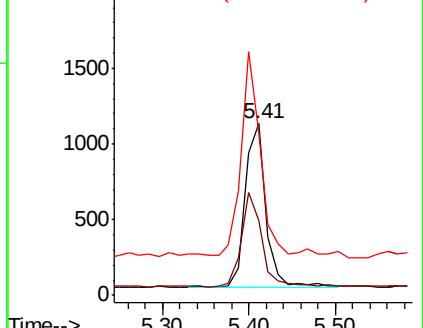
63 111.3 89.9 134.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.094 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099224.D

Acq: 26 Mar 2019 20:42

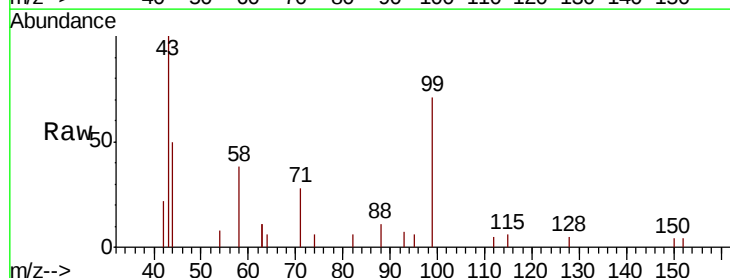
Tgt Ion: 99 Resp: 1534

Ion Ratio Lower Upper

99 100

42 25.9 12.4 18.6#

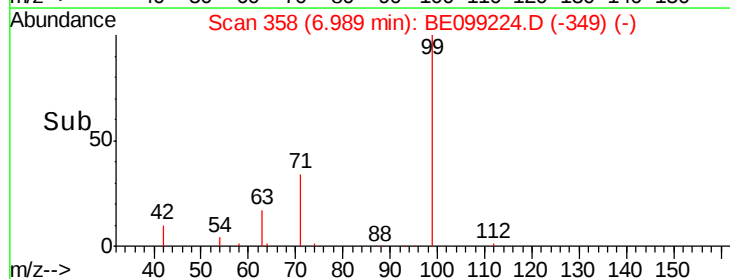
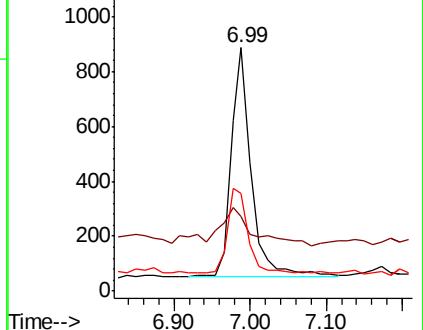
71 37.2 28.4 42.6

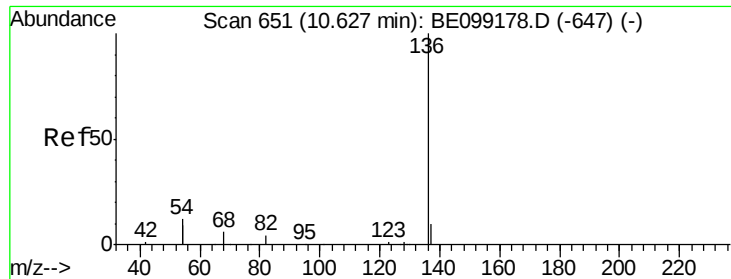


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099224.D

Acq: 26 Mar 2019 20:42

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:136 Resp: 15245

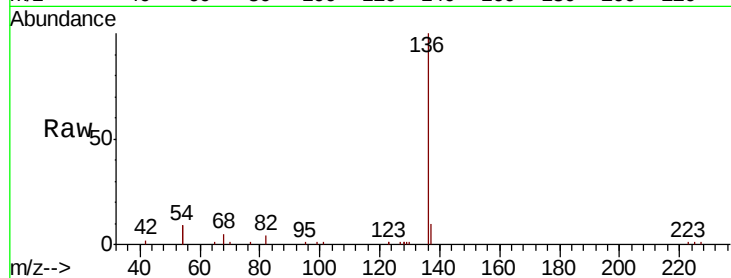
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 18.1 18.7 28.1#

68 4.6 5.2 7.8#

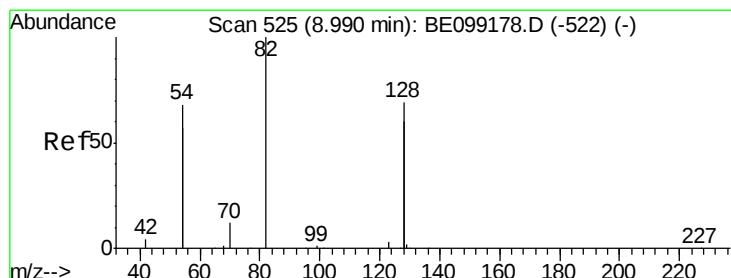
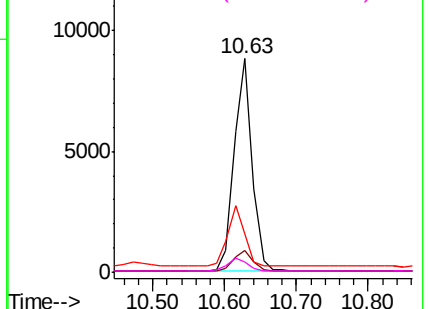
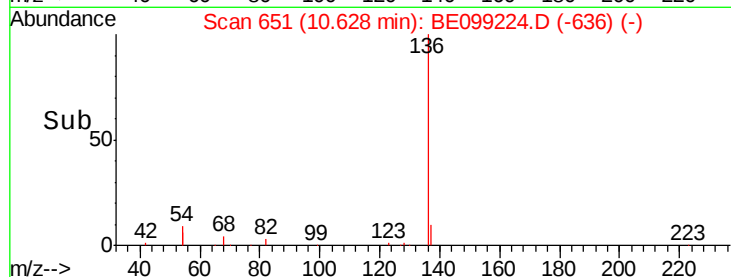


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.379 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099224.D

Acq: 26 Mar 2019 20:42

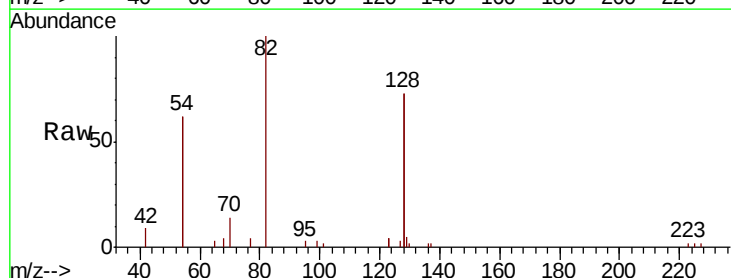
Tgt Ion: 82 Resp: 4713

Ion Ratio Lower Upper

82 100

128 145.6 107.5 161.3

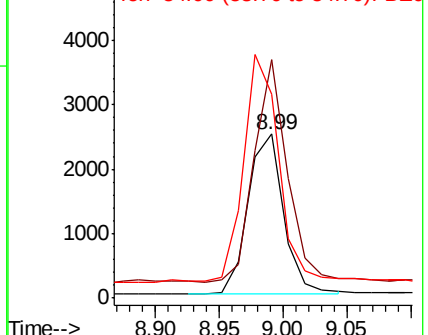
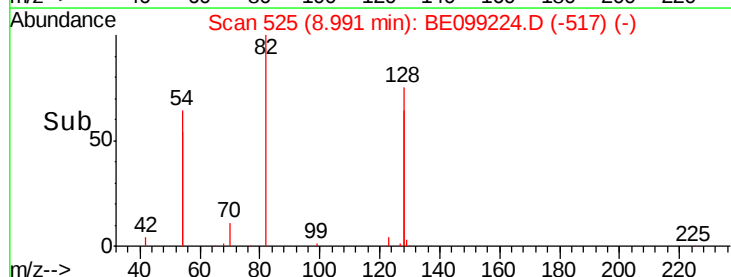
54 124.6 106.3 159.5

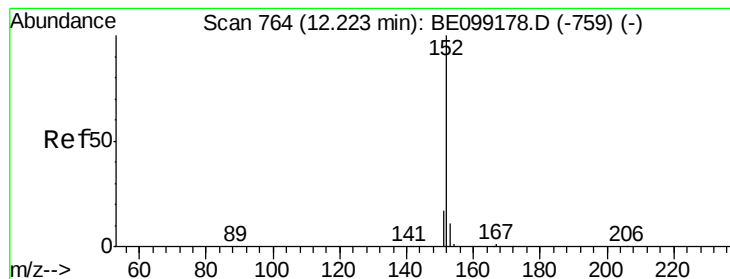


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.389 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099224.D

Acq: 26 Mar 2019 20:42

Instrument :

BNA_E

ClientSampleId :

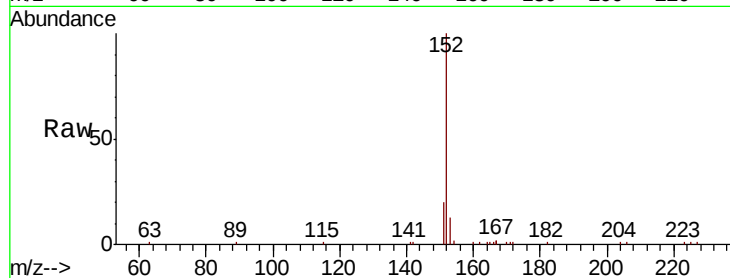
P011-TW001-01

Tgt Ion:152 Resp: 11430

Ion Ratio Lower Upper

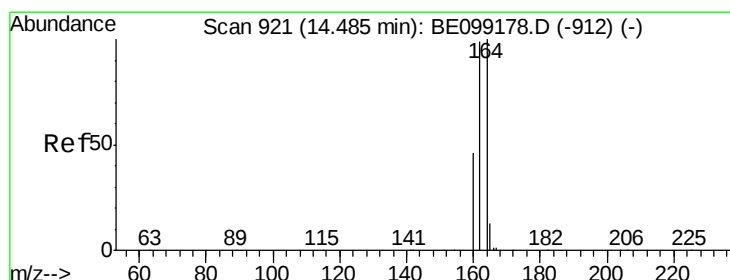
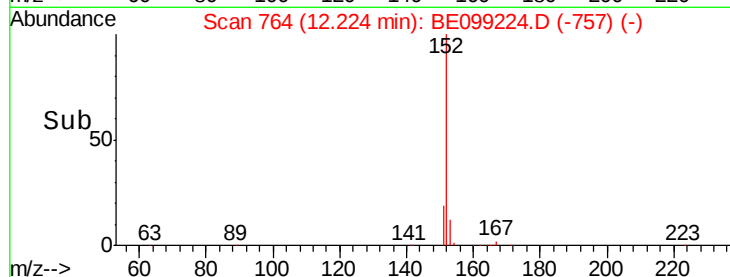
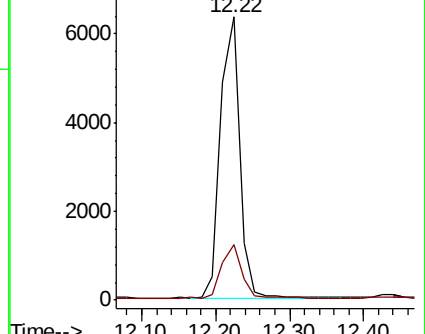
152 100

151 19.9 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. -0.01 min

Lab File: BE099224.D

Acq: 26 Mar 2019 20:42

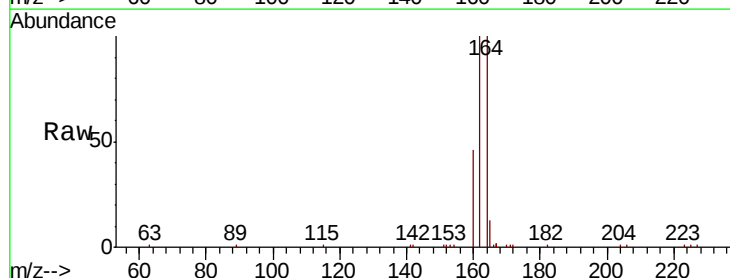
Tgt Ion:164 Resp: 11684

Ion Ratio Lower Upper

164 100

162 99.8 79.2 118.8

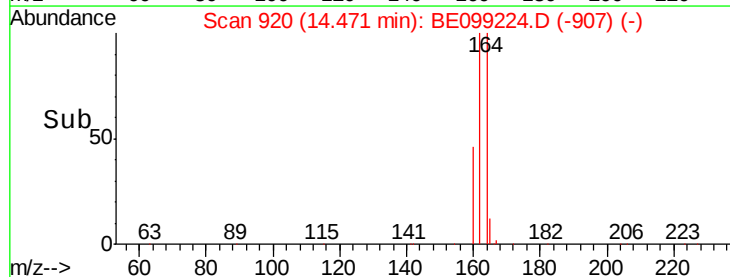
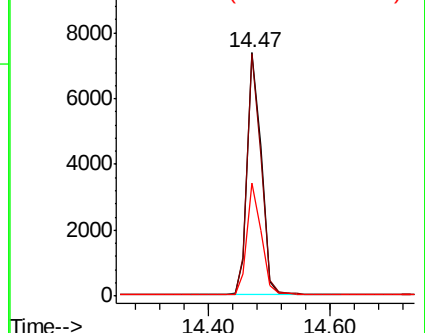
160 46.5 36.7 55.1

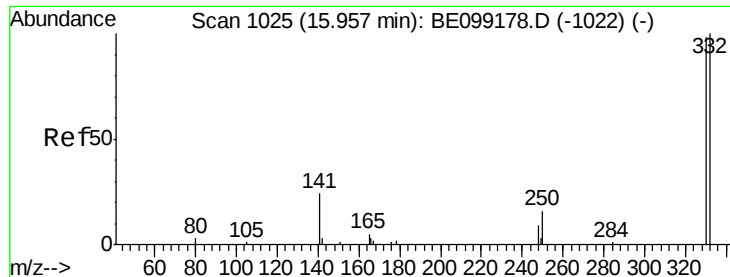


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.449 ng

RT: 15.96 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE099224.D

Acq: 26 Mar 2019 20:42

Instrument :

BNA_E

ClientSampleId :

P011-TW001-01

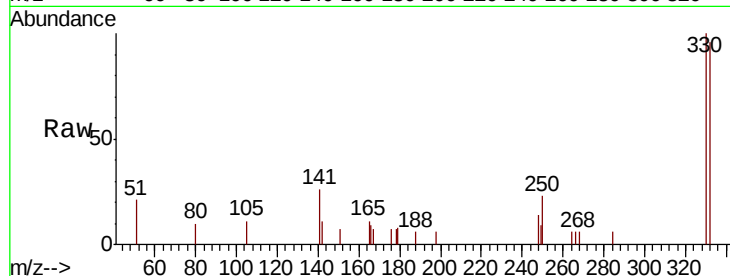
Tgt Ion:330 Resp: 1463

Ion Ratio Lower Upper

330 100

332 93.5 71.3 106.9

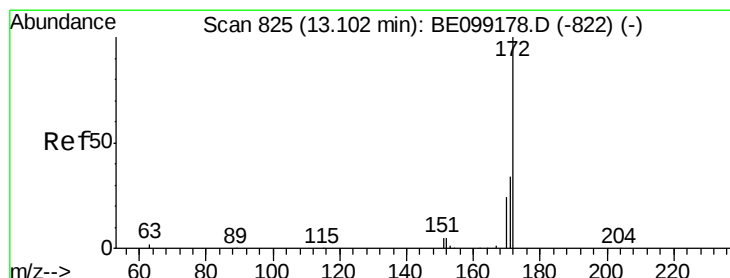
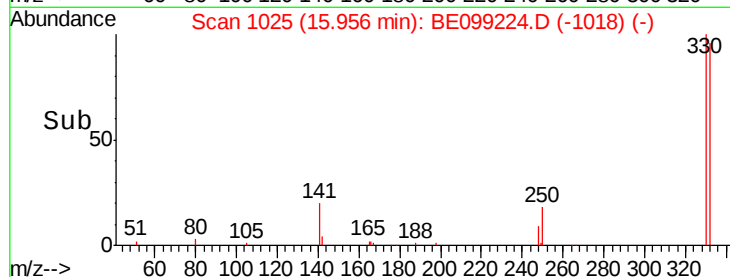
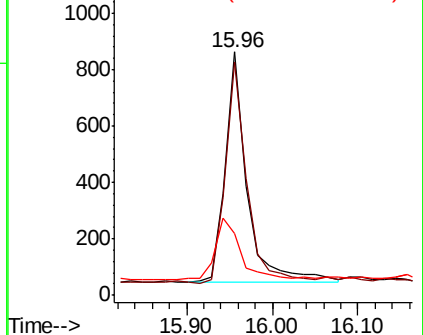
141 30.1 21.7 32.5



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: 0.436 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099224.D

Acq: 26 Mar 2019 20:42

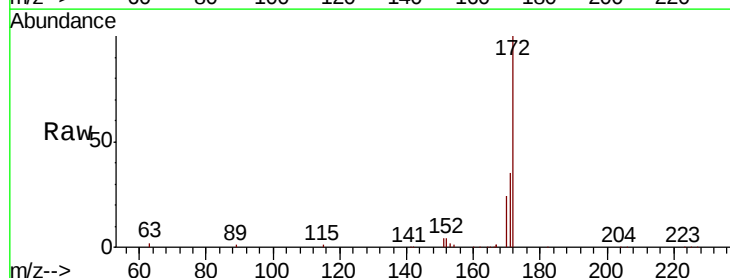
Tgt Ion:172 Resp: 20753

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

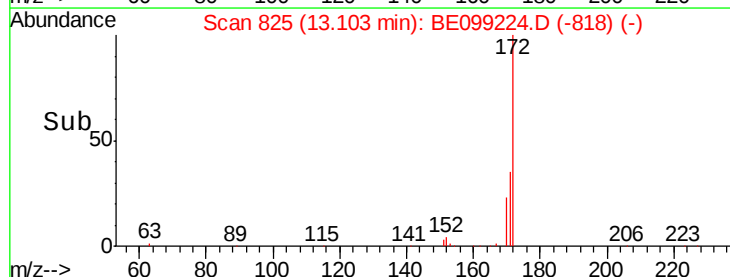
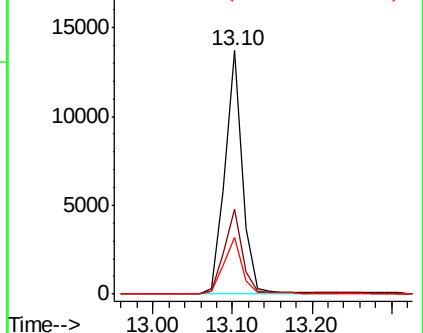
170 23.5 19.1 28.7

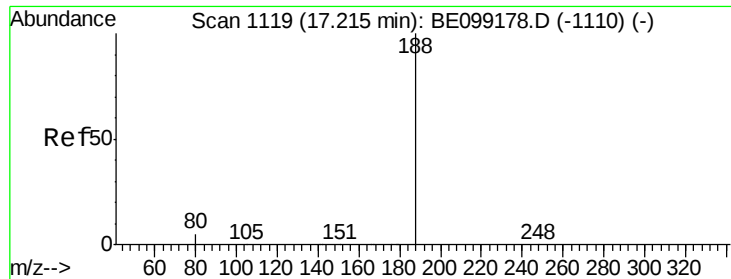


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.31 min Scan# 1126

Delta R.T. 0.09 min

Lab File: BE099224.D

Acq: 26 Mar 2019 20:42

Instrument :

BNA_E

ClientSampleId :

P011-TW001-01

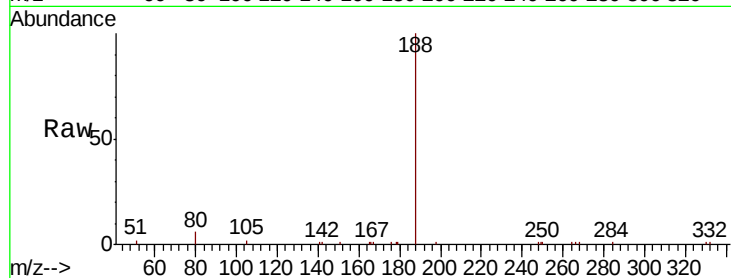
Tgt Ion:188 Resp: 10222

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

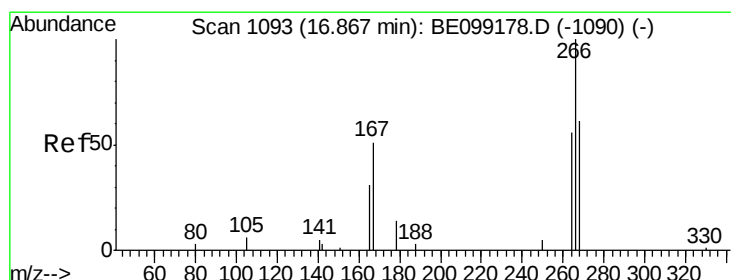
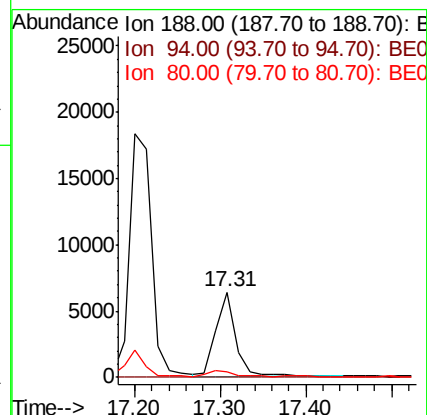
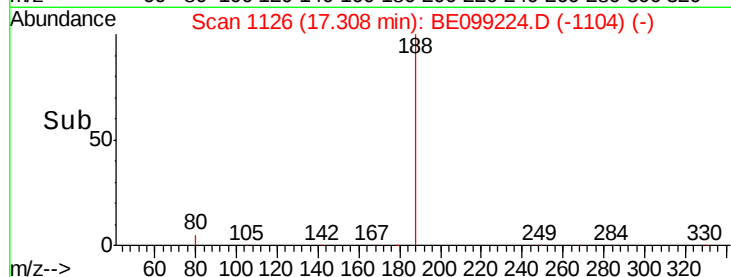
80 6.4 4.5 6.7



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: 0.265 ng

RT: 17.01 min Scan# 1104

Delta R.T. 0.15 min

Lab File: BE099224.D

Acq: 26 Mar 2019 20:42

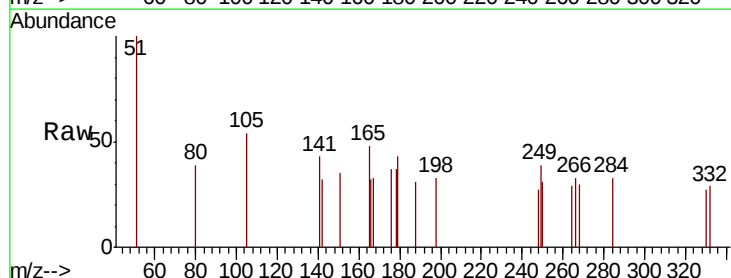
Tgt Ion:266 Resp: 24

Ion Ratio Lower Upper

266 100

264 88.1 54.4 81.6#

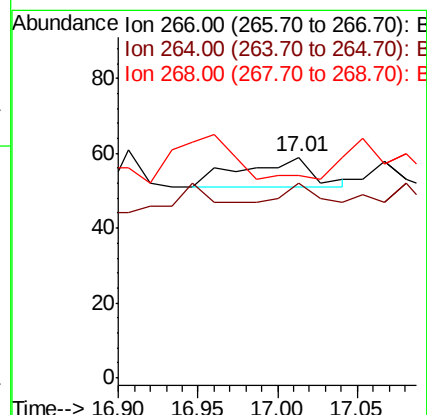
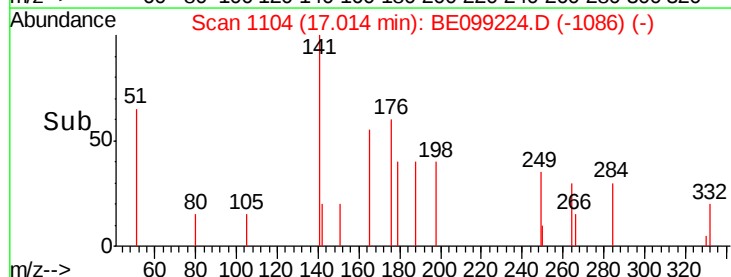
268 91.5 61.3 91.9

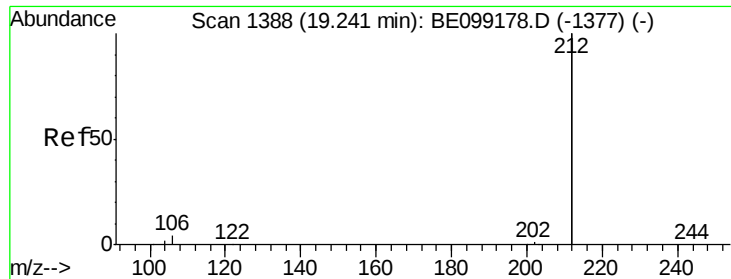


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

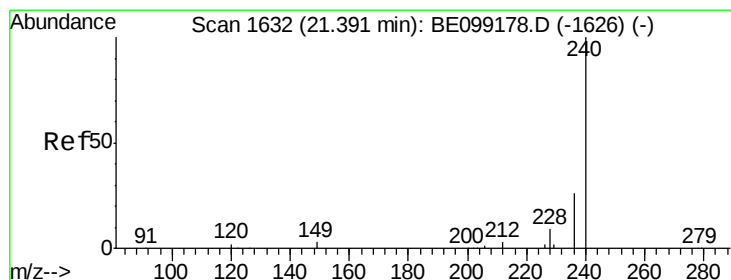
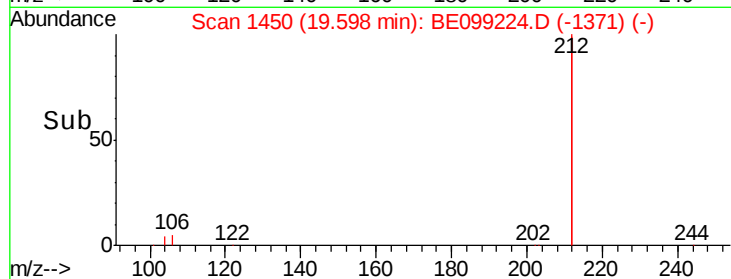
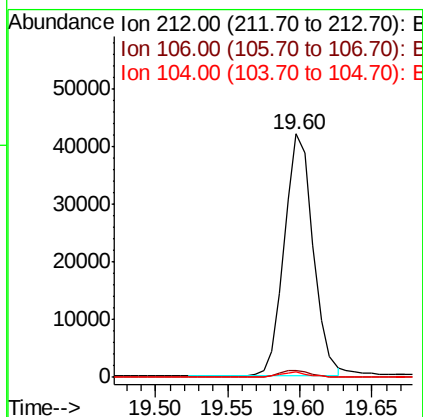
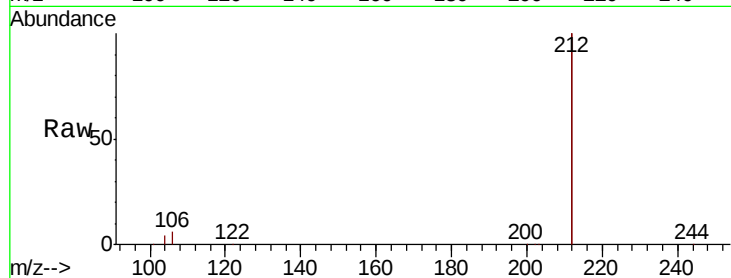




#25
 Fluoranthene-d10
 Concen: 0.468 ng
 RT: 19.60 min Scan# 1450
 Delta R.T. 0.36 min
 Lab File: BE099224.D
 Acq: 26 Mar 2019 20:42

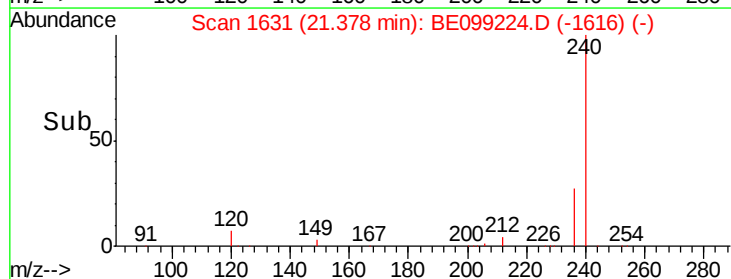
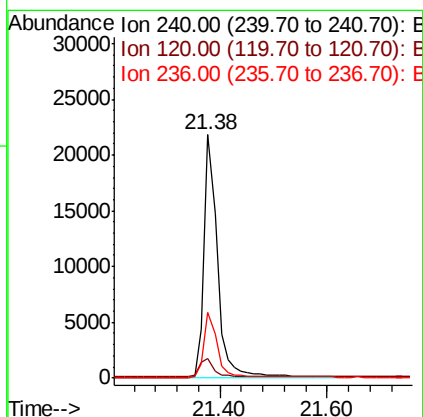
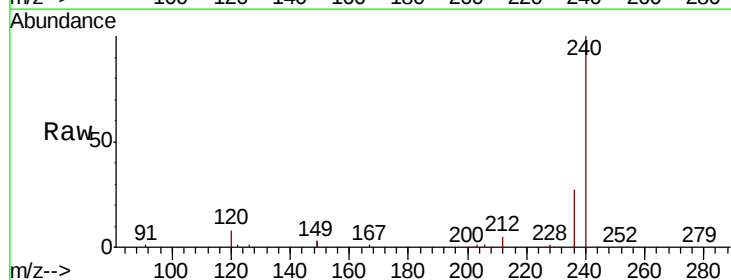
Instrument :
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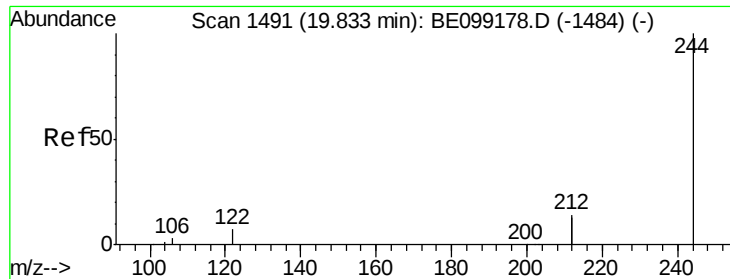
Tgt Ion: 212 Resp: 57924
 Ion Ratio Lower Upper
 212 100
 106 2.6 1.8 2.8
 104 1.9 1.1 1.7#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BE099224.D
 Acq: 26 Mar 2019 20:42

Tgt Ion: 240 Resp: 36680
 Ion Ratio Lower Upper
 240 100
 120 7.9 2.6 3.8#
 236 26.9 20.9 31.3





#29

Terphenyl-d14

Concen: 0.420 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099224.D

Acq: 26 Mar 2019 20:42

Instrument :

BNA_E

ClientSampleId :

P011-TW001-01

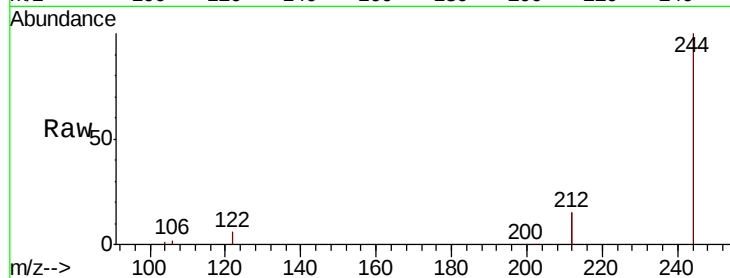
Tgt Ion:244 Resp: 33499

Ion Ratio Lower Upper

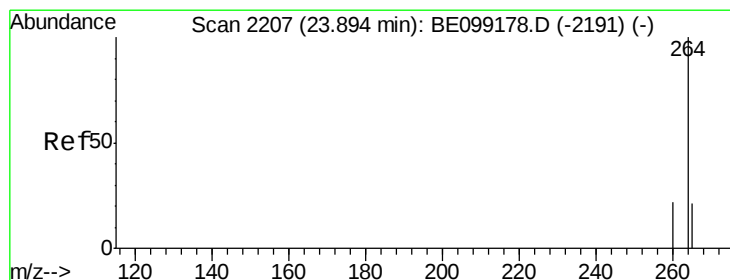
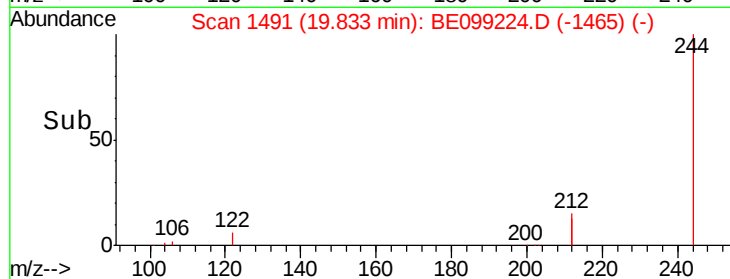
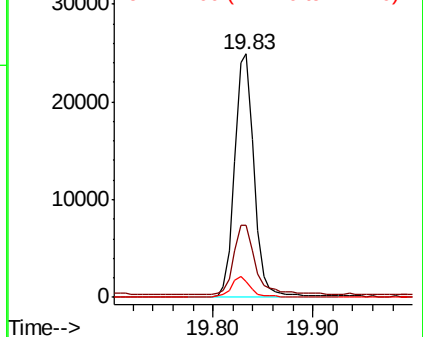
244 100

212 29.8 22.7 34.1

122 6.4 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.89 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE099224.D

Acq: 26 Mar 2019 20:42

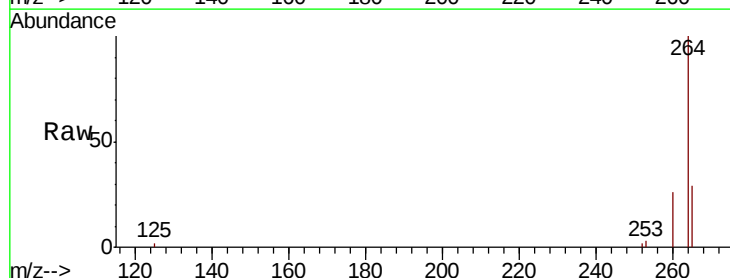
Tgt Ion:264 Resp: 30218

Ion Ratio Lower Upper

264 100

260 26.3 18.2 27.2

265 29.1 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

