

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
 Data File : BE099230.D
 Acq On : 27 Mar 2019 00:32
 Operator : JU/SJ
 Sample : K2073-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P023-TW001-01

Quant Time: Mar 27 08:52:23 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

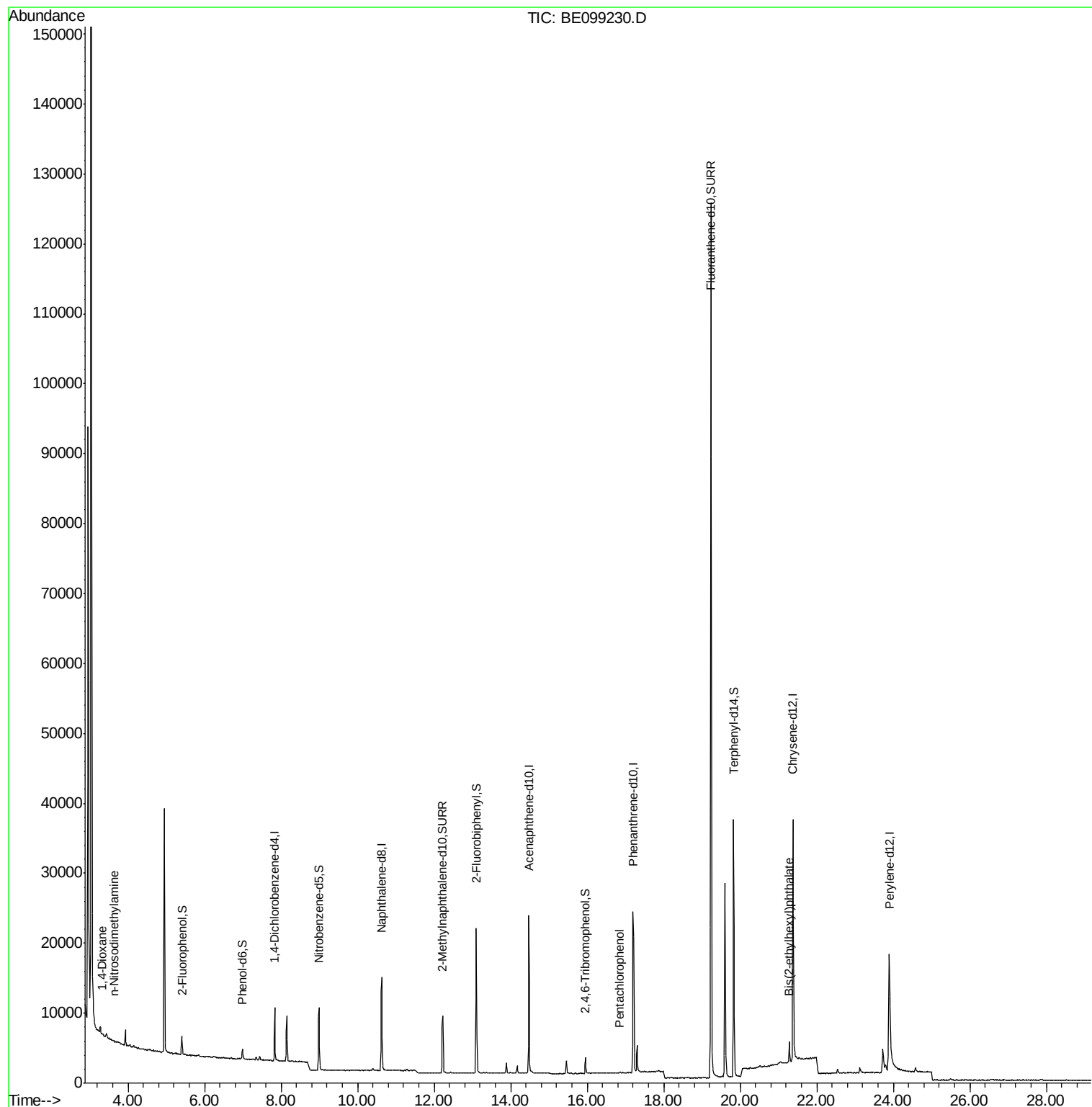
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3809	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	17275	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	13544	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	36879	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	40999	0.40	ng	-0.01
34) Perylene-d12	23.90	264	34351	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1647	0.14	ng	0.00
5) Phenol-d6	6.99	99	1469	0.08	ng	0.00
8) Nitrobenzene-d5	8.99	82	4570	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11686	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1532	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	18882	0.34	ng	0.00
25) Fluoranthene-d10	19.24	212	165401	0.37	ng	0.00
29) Terphenyl-d14	19.83	244	34327	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	212	0.042	ng	Qvalue # 30
3) n-Nitrosodimethylamine	3.64	42	67	0.024	ng	# 1
22) Pentachlorophenol	16.85	266	107	0.271	ng	95
32) Bis(2-ethylhexyl)phthalate	21.28	149	3885	0.024	ng	# 98

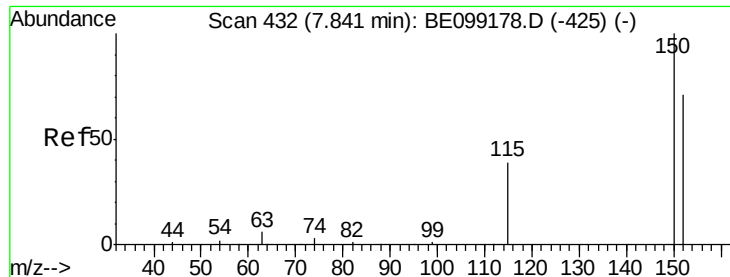
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099230.D

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Instrument :

BNA_E

ClientSampleId :

P023-TW001-01

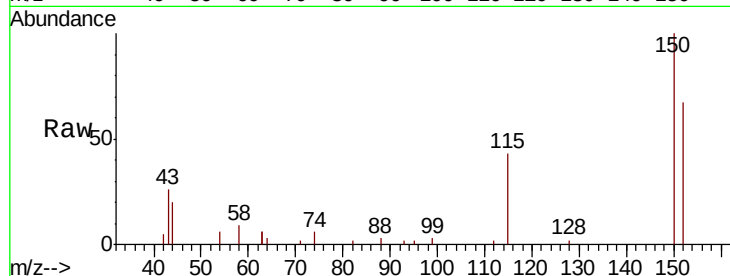
Tgt Ion: 152 Resp: 3809

Ion Ratio Lower Upper

152 100

150 148.4 112.8 169.2

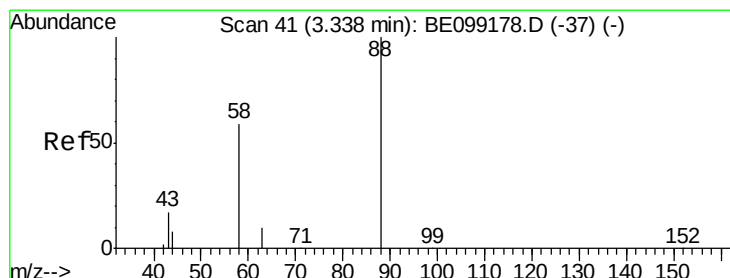
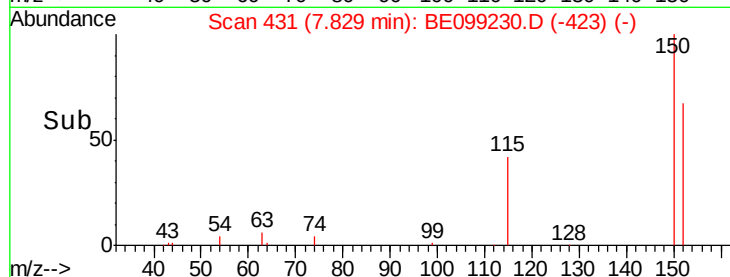
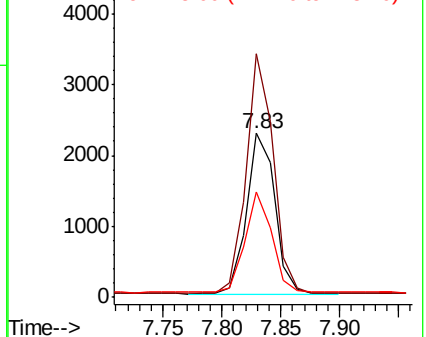
115 64.5 45.1 67.7



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



#2

1,4-Dioxane

Concen: 0.042 ng

RT: 3.33 min Scan# 40

Delta R.T. -0.01 min

Lab File: BE099230.D

Acq: 27 Mar 2019 00:32

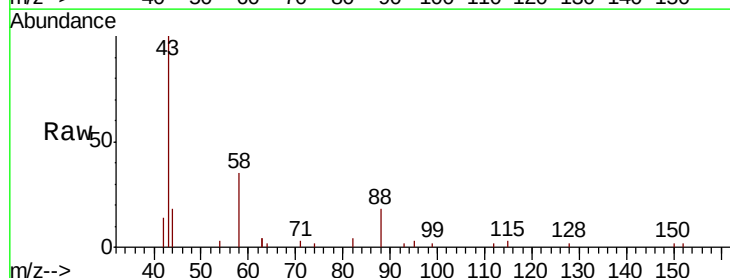
Tgt Ion: 88 Resp: 212

Ion Ratio Lower Upper

88 100

58 0.0 47.4 71.0#

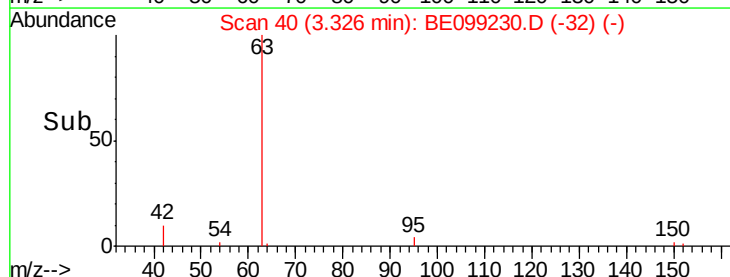
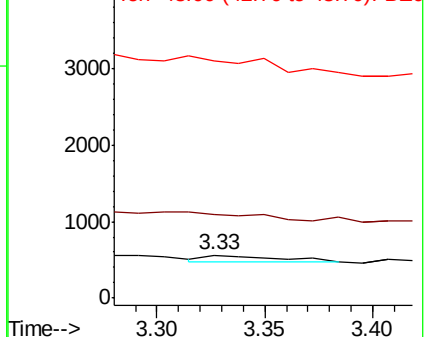
43 0.0 15.6 23.4#

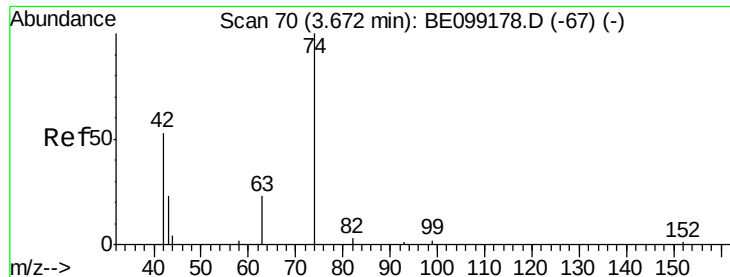


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.03 min

Lab File: BE099230.D

Acq: 27 Mar 2019 00:32

Instrument :

BNA_E

ClientSampleId :

P023-TW001-01

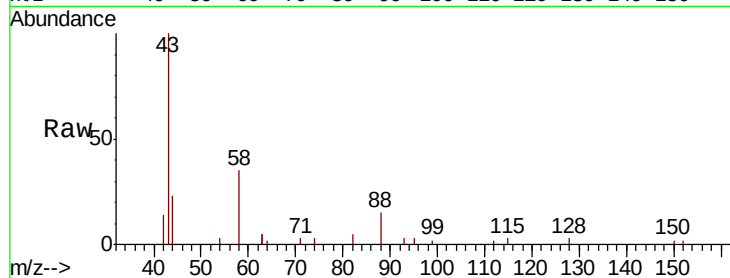
Tgt Ion: 42 Resp: 67

Ion Ratio Lower Upper

42 100

74 0.0 138.6 207.8#

44 0.0 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

800

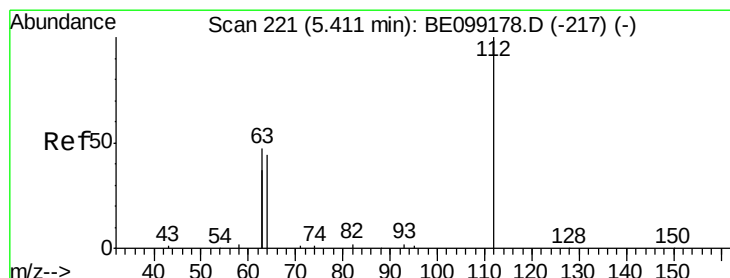
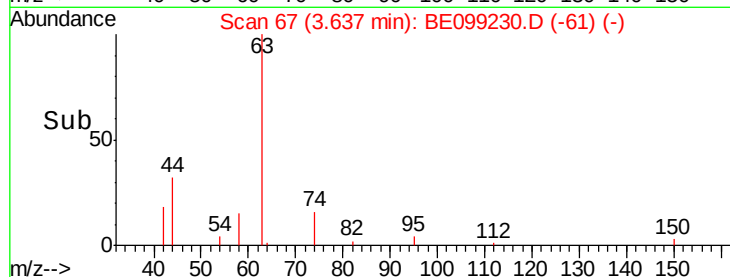
600

400

200

0

Time--> 3.60 3.62 3.64 3.66



#4

2-Fluorophenol

Concen: 0.145 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099230.D

Acq: 27 Mar 2019 00:32

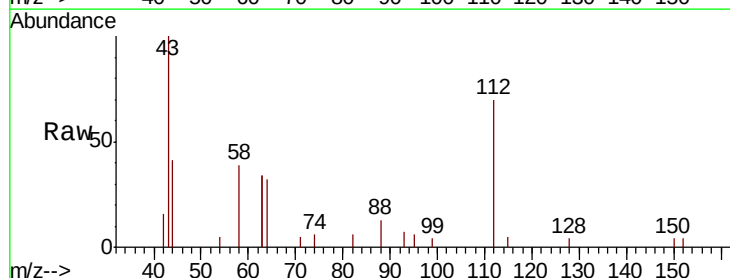
Tgt Ion: 112 Resp: 1647

Ion Ratio Lower Upper

112 100

64 57.5 46.2 69.2

63 115.4 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

2000

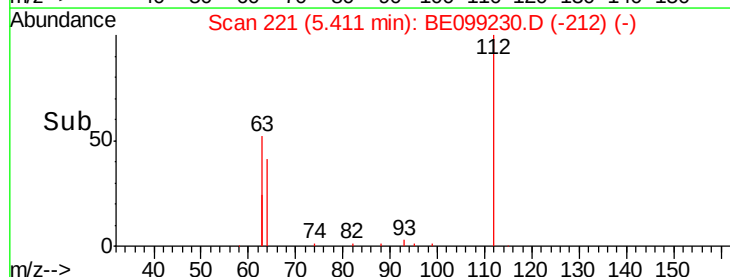
1500

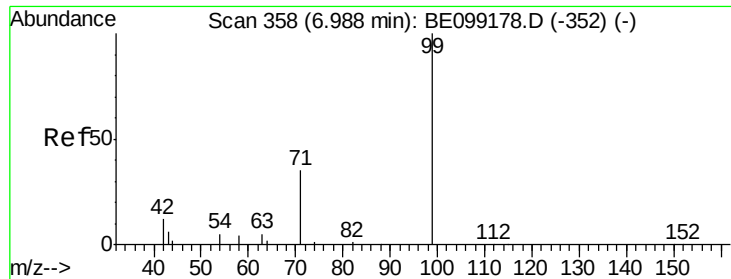
1000

500

0

Time--> 5.30 5.40 5.50





#5

Phenol-d6

Concen: 0.085 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099230.D

Acq: 27 Mar 2019 00:32

Instrument :

BNA_E

ClientSampleId :

P023-TW001-01

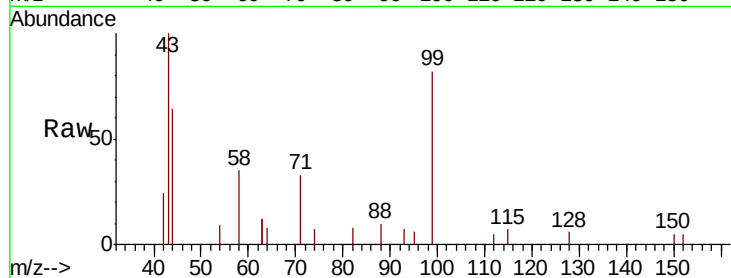
Tgt Ion: 99 Resp: 1469

Ion Ratio Lower Upper

99 100

42 17.8 12.4 18.6

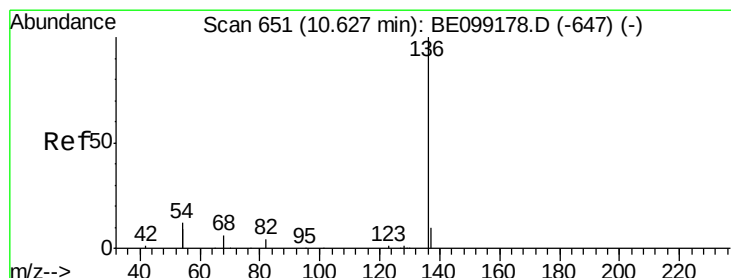
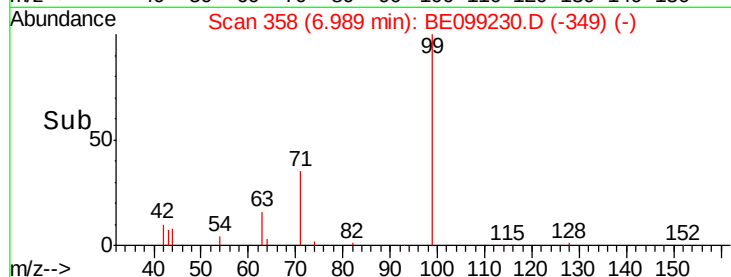
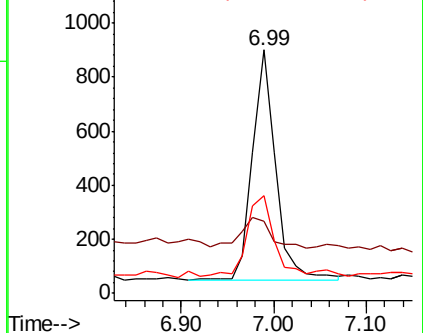
71 41.7 28.4 42.6



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: BE099230.D

Acq: 27 Mar 2019 00:32

Tgt Ion: 136 Resp: 17275

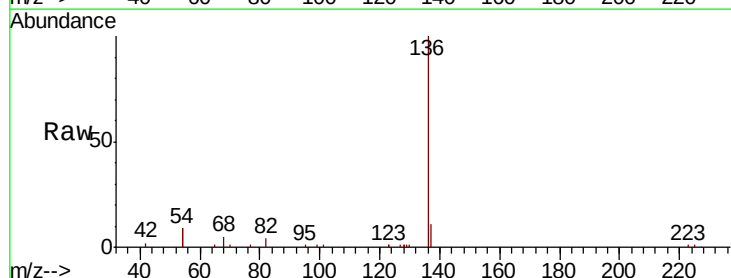
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 18.4 18.7 28.1#

68 5.3 5.2 7.8

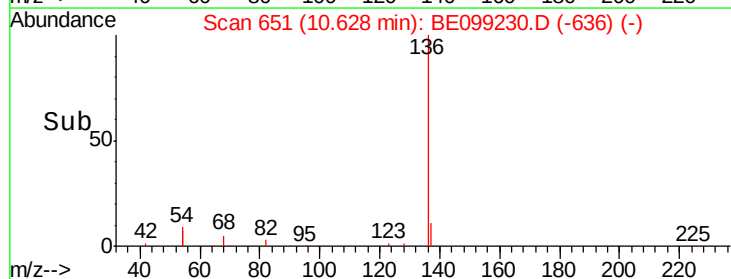
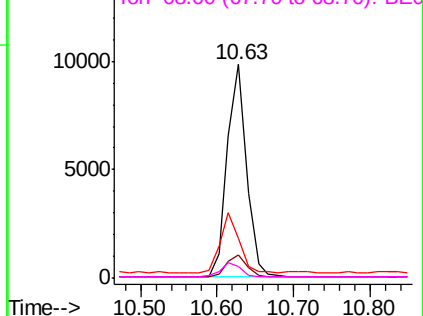


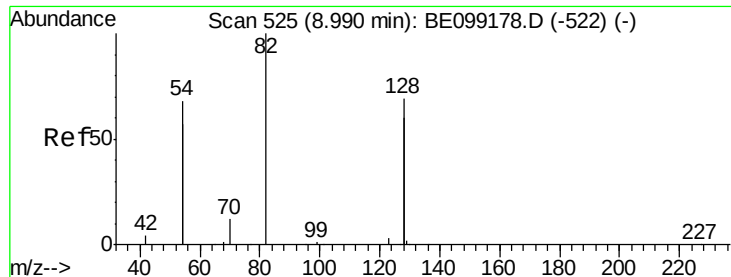
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.324 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099230.D

Acq: 27 Mar 2019 00:32

Instrument :

BNA_E

ClientSampleId :

P023-TW001-01

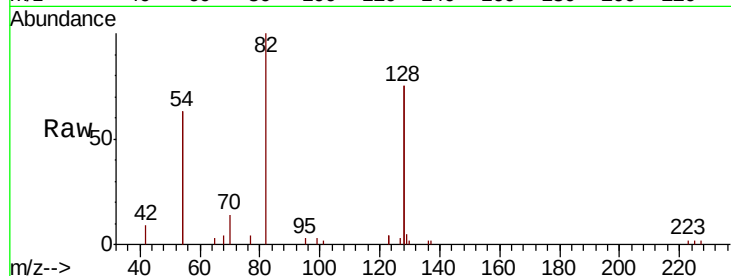
Tgt Ion: 82 Resp: 4570

Ion Ratio Lower Upper

82 100

128 149.0 107.5 161.3

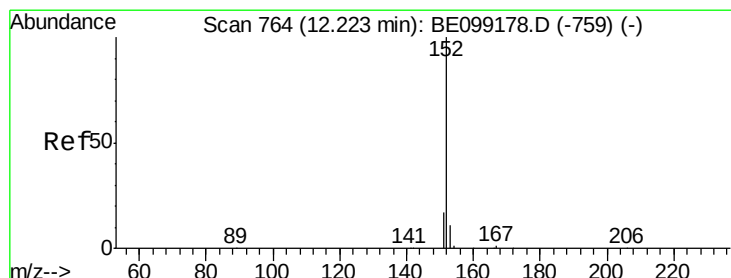
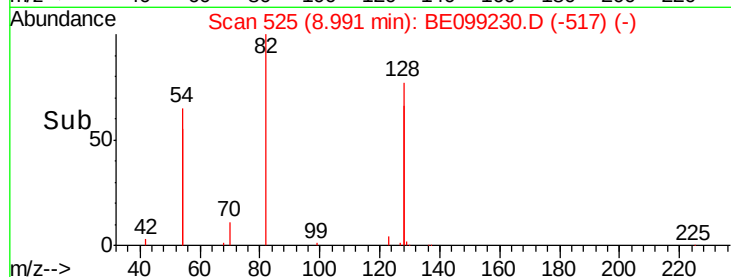
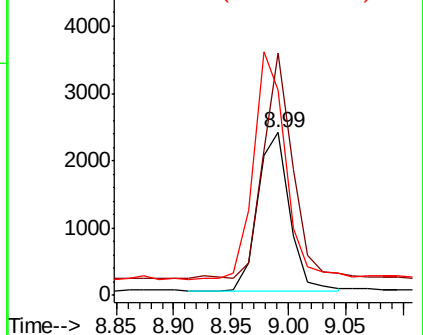
54 126.0 106.3 159.5



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: 0.351 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099230.D

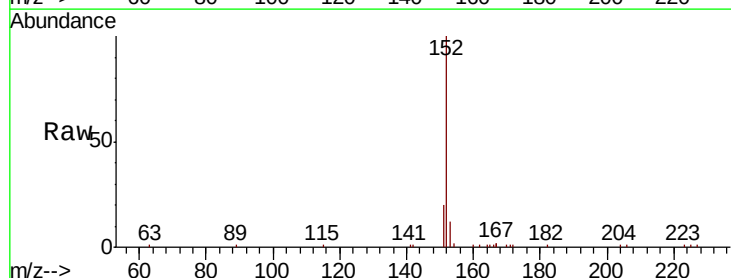
Acq: 27 Mar 2019 00:32

Tgt Ion: 152 Resp: 11686

Ion Ratio Lower Upper

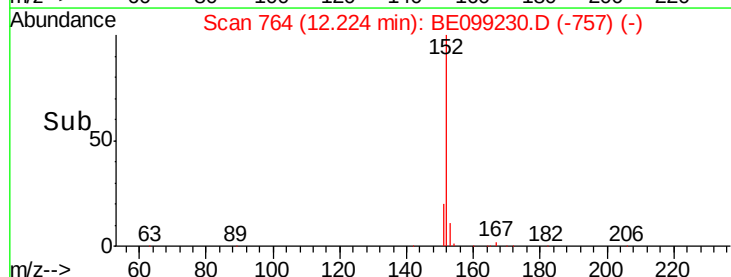
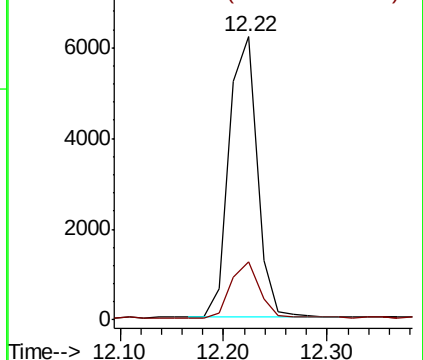
152 100

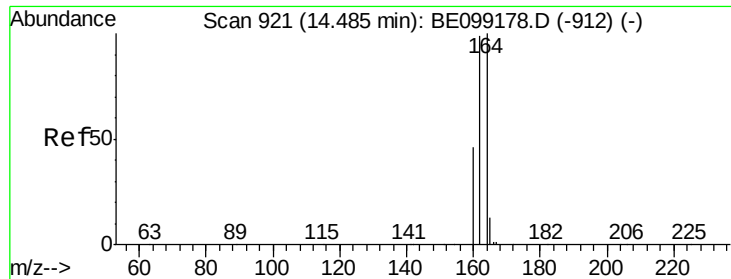
151 20.1 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

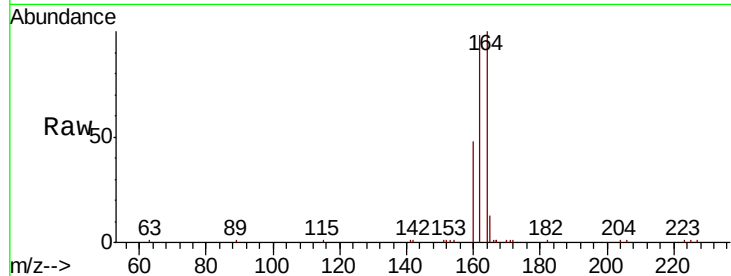




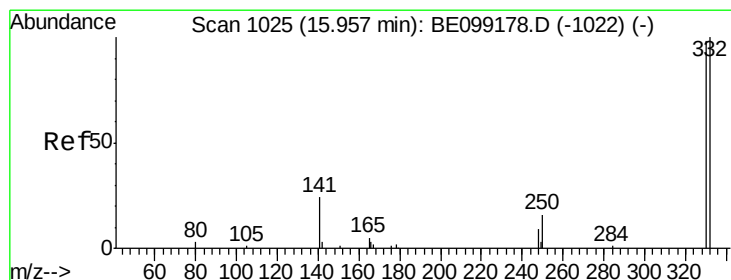
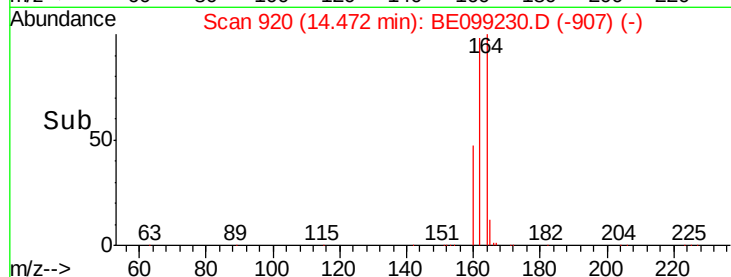
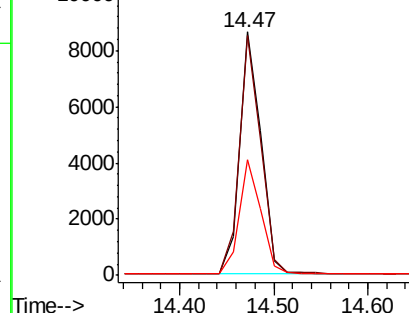
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099230.D
Acq: 27 Mar 2019 00:32

Instrument :
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Tgt Ion:164 Resp: 13544
Ion Ratio Lower Upper
164 100
162 98.5 79.2 118.8
160 47.5 36.7 55.1

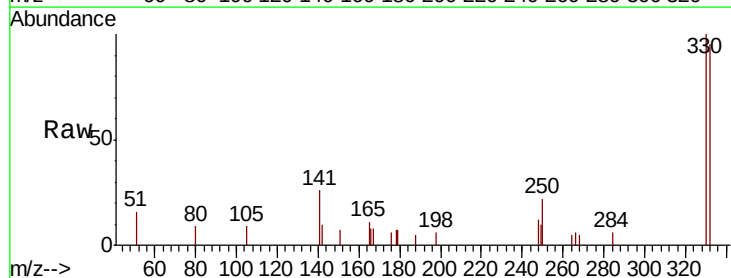


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

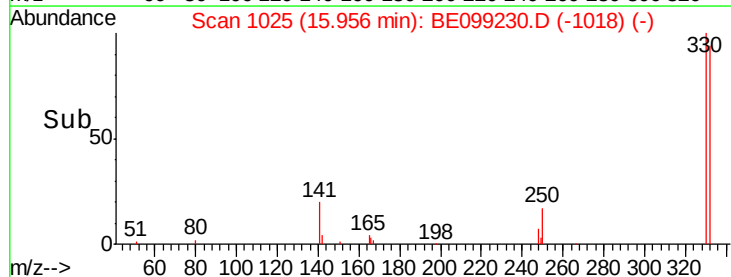
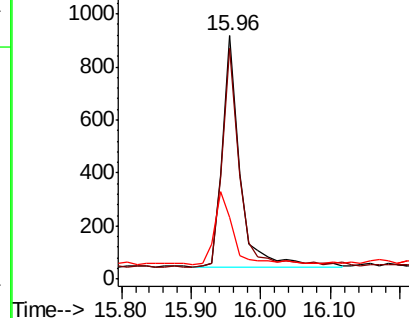


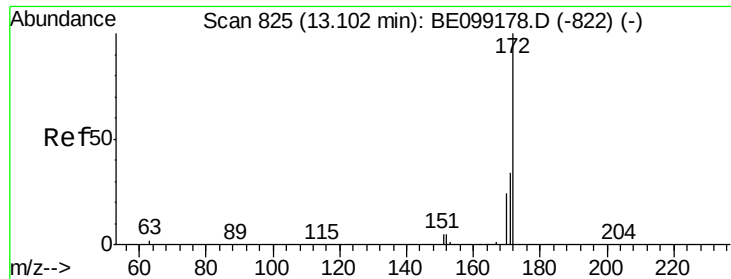
#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099230.D
Acq: 27 Mar 2019 00:32

Tgt Ion:330 Resp: 1532
Ion Ratio Lower Upper
330 100
332 92.9 71.3 106.9
141 34.5 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

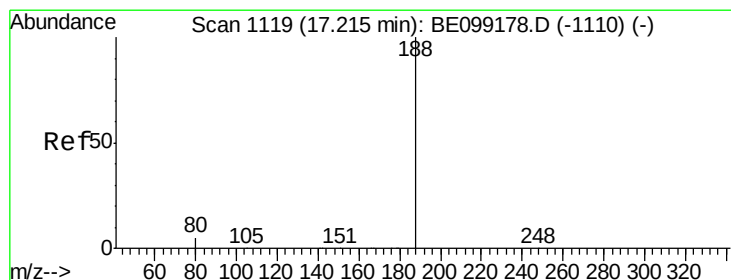
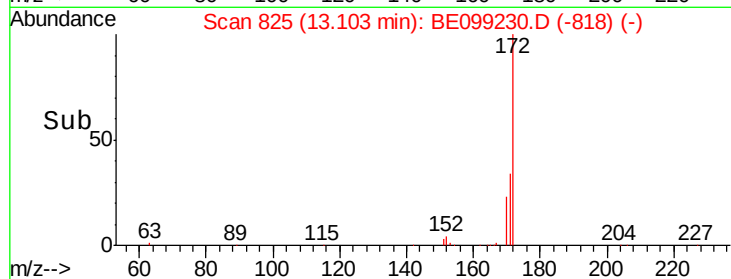
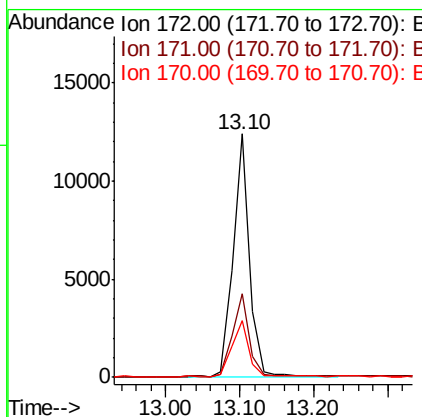
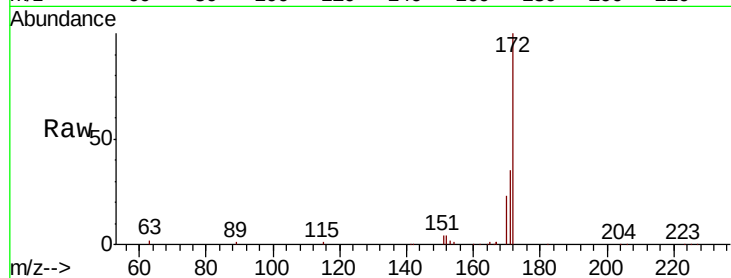




#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099230.D
Acq: 27 Mar 2019 00:32

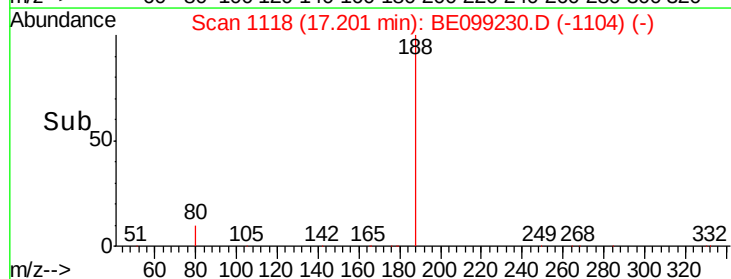
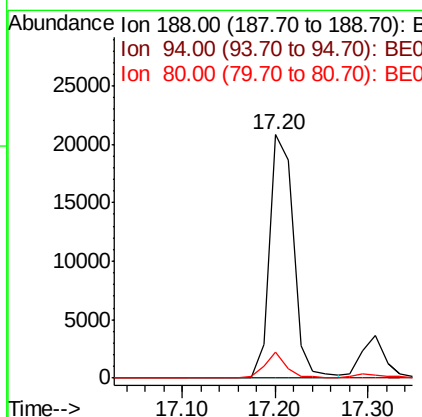
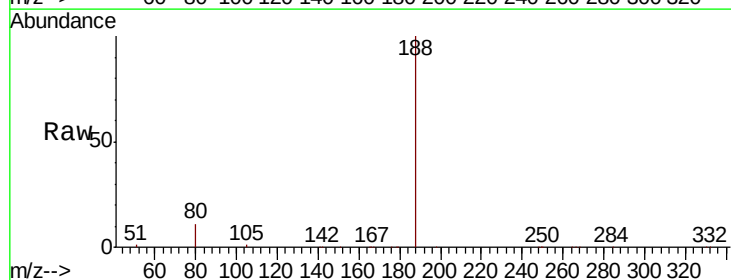
Instrument :
BNA_E
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P023-TW001-01

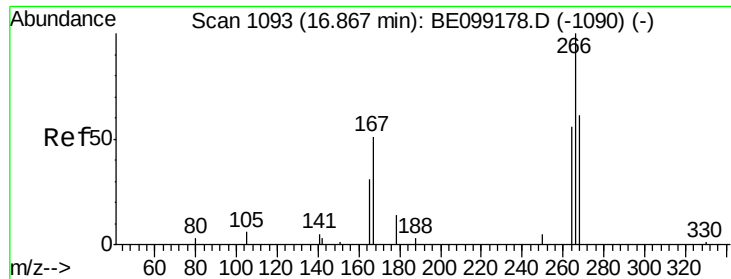
Tgt Ion:172 Resp: 18882
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 23.4 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099230.D
Acq: 27 Mar 2019 00:32

Tgt Ion:188 Resp: 36879
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 4.5 6.7#





#22

Pentachlorophenol

Concen: 0.271 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099230.D

Acq: 27 Mar 2019 00:32

Instrument :

BNA_E

ClientSampleId :

P023-TW001-01

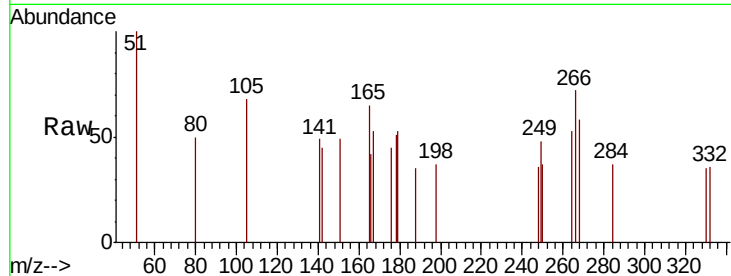
Tgt Ion: 266 Resp: 107

Ion Ratio Lower Upper

266 100

264 73.0 54.4 81.6

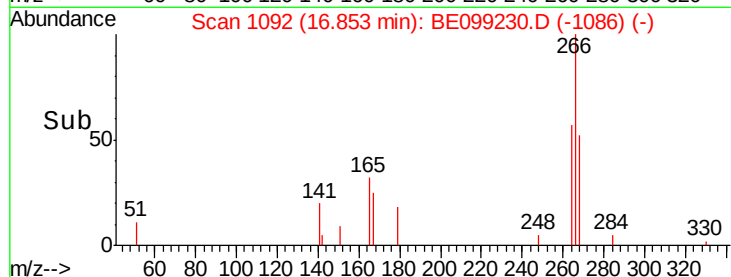
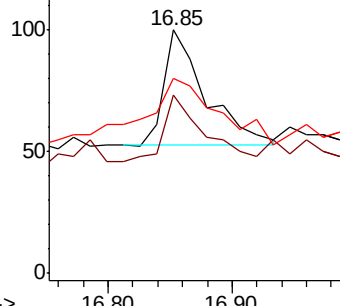
268 80.0 61.3 91.9



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: 0.370 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099230.D

Acq: 27 Mar 2019 00:32

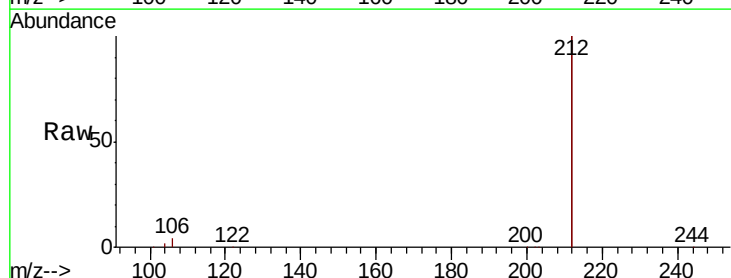
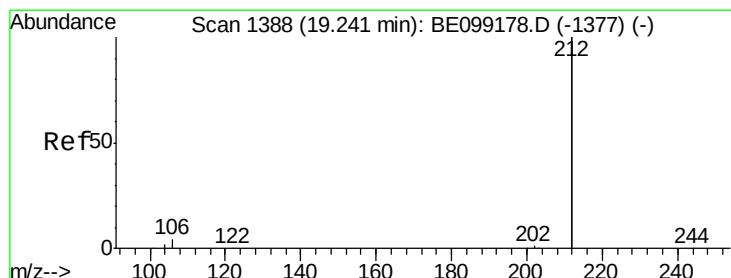
Tgt Ion: 212 Resp: 165401

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

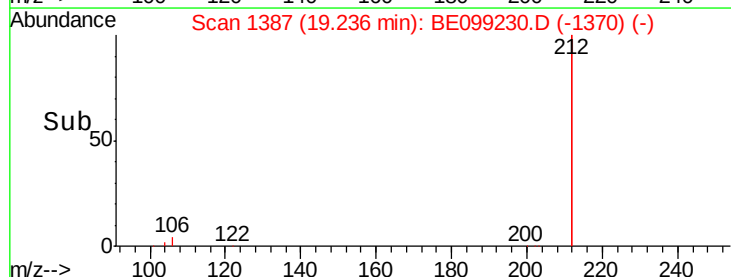
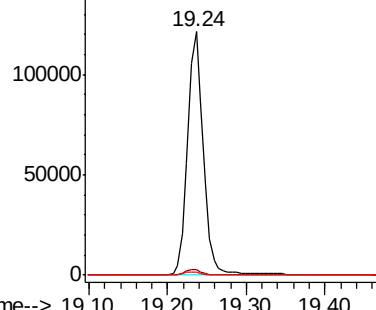
104 1.3 1.1 1.7

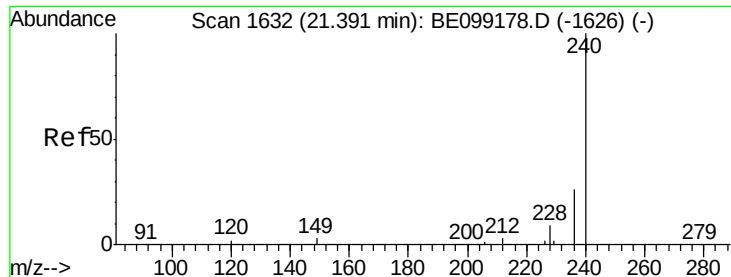


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE099230.D

Acq: 27 Mar 2019 00:32

Instrument :

BNA_E

ClientSampleId :

P023-TW001-01

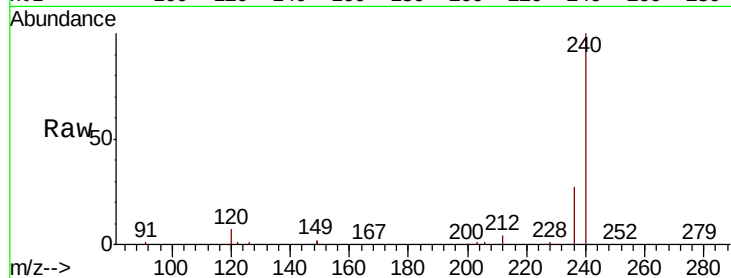
Tgt Ion:240 Resp: 40999

Ion Ratio Lower Upper

240 100

120 6.9 2.6 3.8#

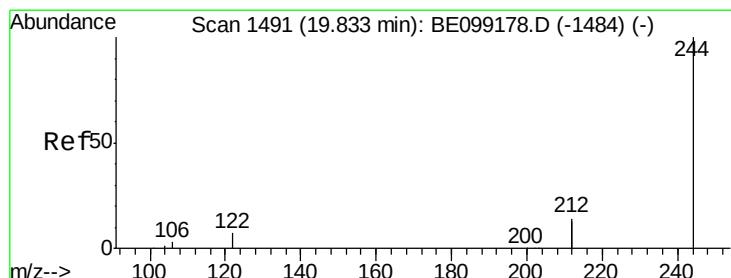
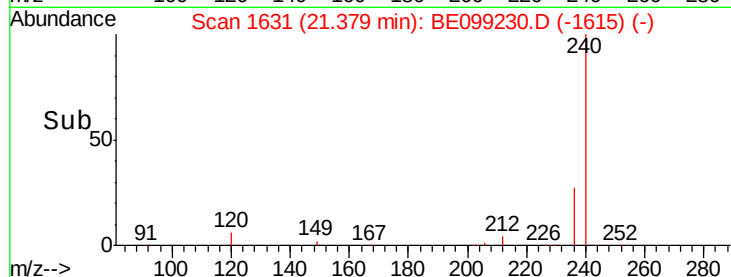
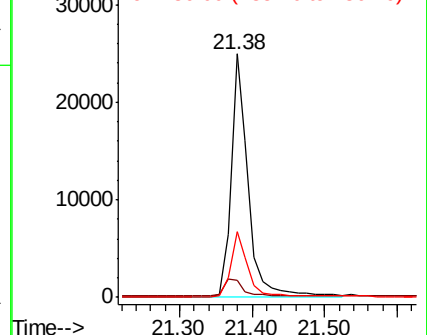
236 27.2 20.9 31.3



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: 0.385 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099230.D

Acq: 27 Mar 2019 00:32

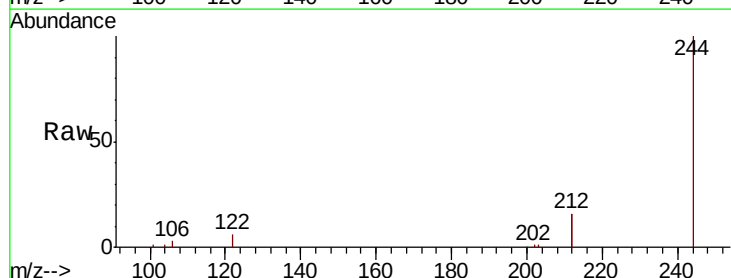
Tgt Ion:244 Resp: 34327

Ion Ratio Lower Upper

244 100

212 31.9 22.7 34.1

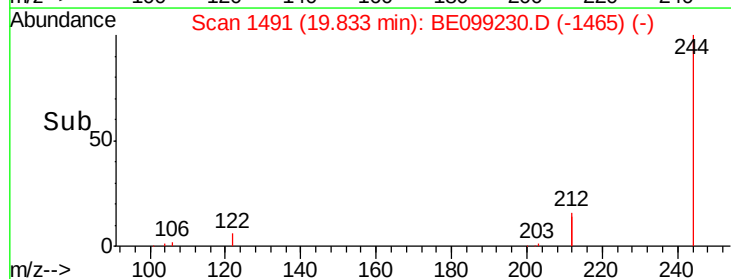
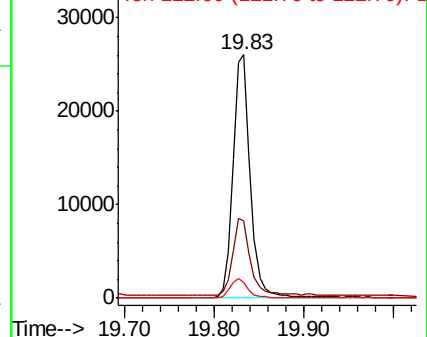
122 6.3 5.8 8.6

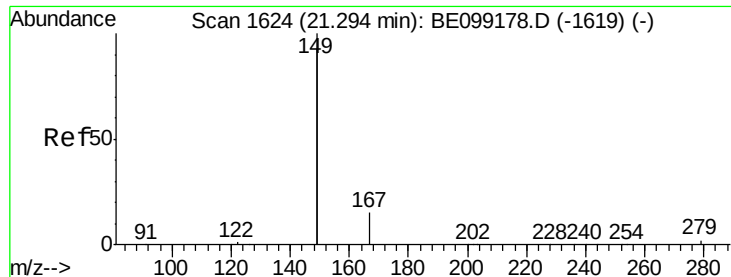


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.024 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099230.D

Acq: 27 Mar 2019 00:32

Instrument :

BNA_E

ClientSampleId :

P023-TW001-01

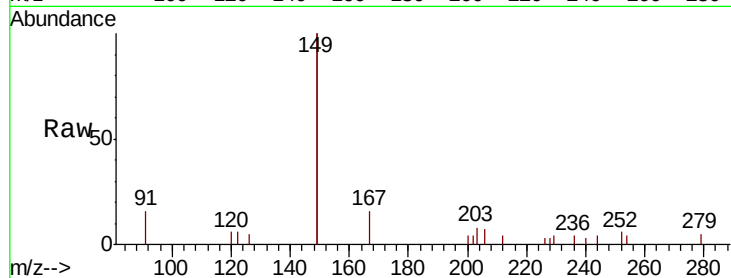
Tgt Ion:149 Resp: 3885

Ion Ratio Lower Upper

149 100

167 6.8 5.9 8.9

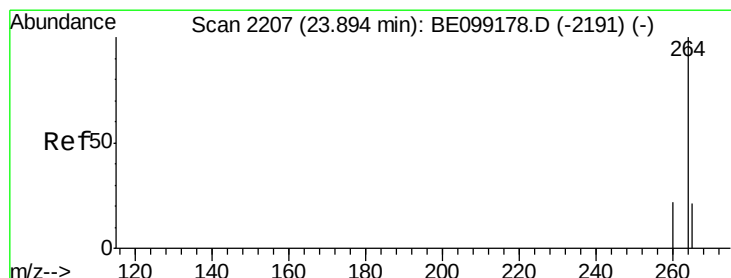
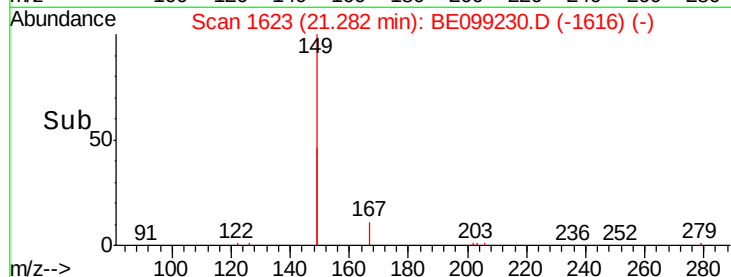
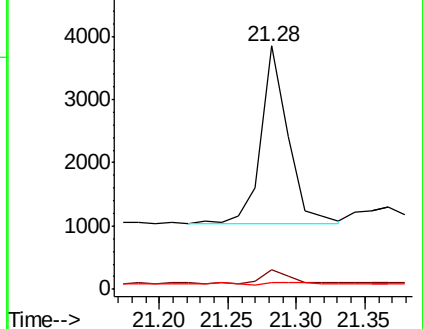
279 2.1 1.0 1.6#



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: 23.90 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BE099230.D

Acq: 27 Mar 2019 00:32

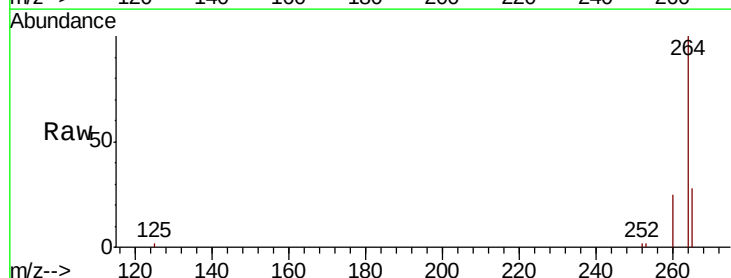
Tgt Ion:264 Resp: 34351

Ion Ratio Lower Upper

264 100

260 25.3 18.2 27.2

265 27.7 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

