

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032619\
 Data File : BE099239.D
 Acq On : 27 Mar 2019 8:05
 Operator : JU/SJ
 Sample : K2064-08RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 14:15:00 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

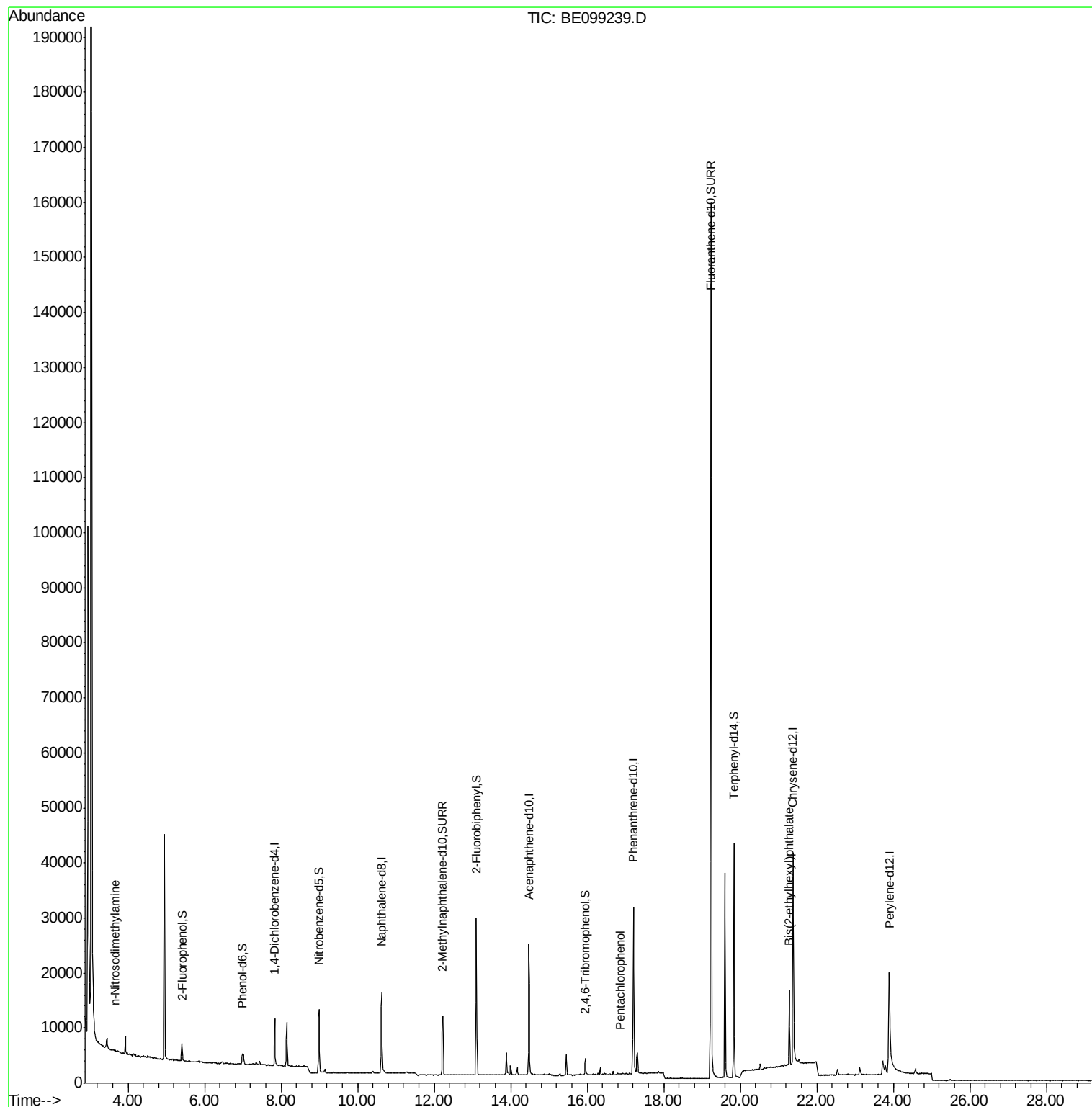
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	4267	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	18527	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	15113	0.40	ng	-0.02
19) Phenanthrene-d10	17.20	188	43724	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	49335	0.40	ng	-0.01
34) Perylene-d12	23.89	264	39321	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	2088	0.16	ng	0.00
5) Phenol-d6	6.99	99	1981	0.10	ng	0.00
8) Nitrobenzene-d5	8.99	82	5801	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	14771	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	2011	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	25144	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	222316	0.42	ng	0.00
29) Terphenyl-d14	19.83	244	38911	0.36	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.66	42	91	0.029	ng	# 1
22) Pentachlorophenol	16.85	266	70	0.256	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.28	149	15674	0.081	ng	97

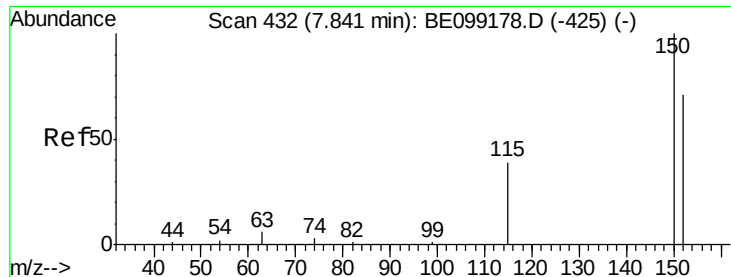
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099239.D

Acq: 27 Mar 2019 8:05

Instrument :

BNA_E

ClientSampleId :

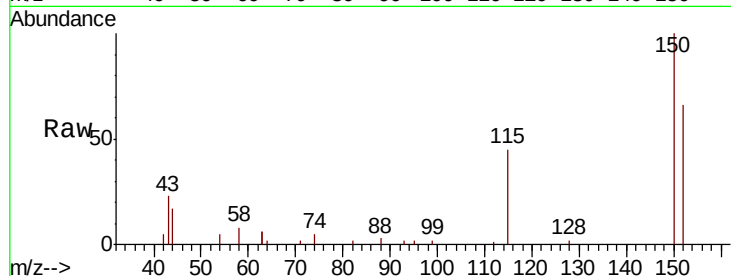
Tot Ion:152 Resp: 4267

Ion Ratio Lower Upper

152 100

150 152.3 112.8 169.2

115 68.0 45.1 67.7#

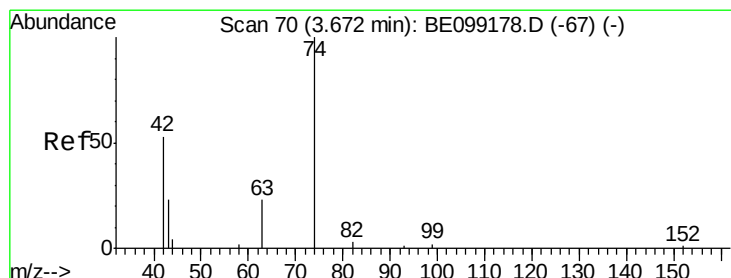
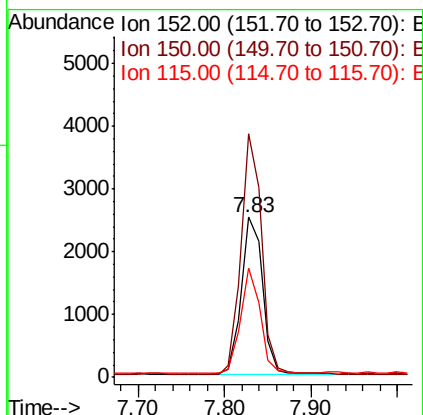
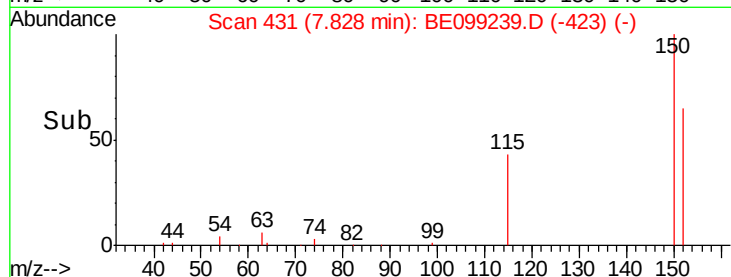


Abundance

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: 0.029 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE099239.D

Acq: 27 Mar 2019 8:05

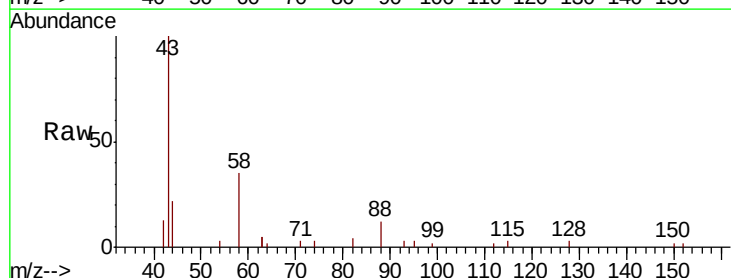
Tgt Ion: 42 Resp: 91

Ion Ratio Lower Upper

42 100

74 12.1 138.6 207.8#

44 173.6 15.0 22.6#

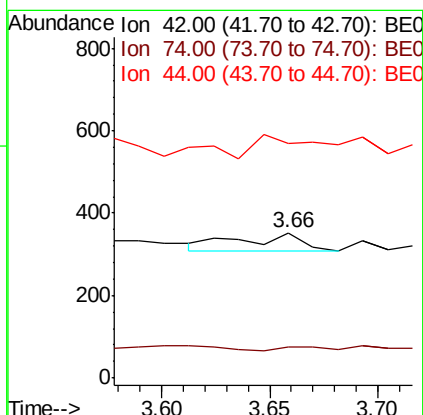
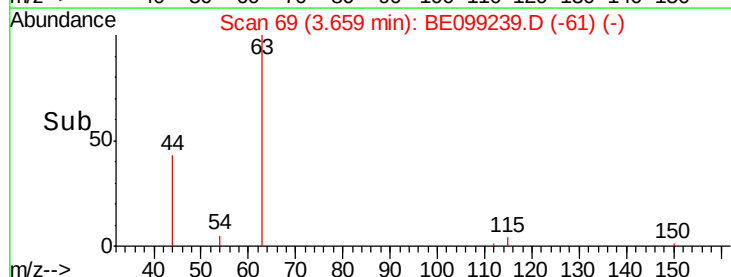


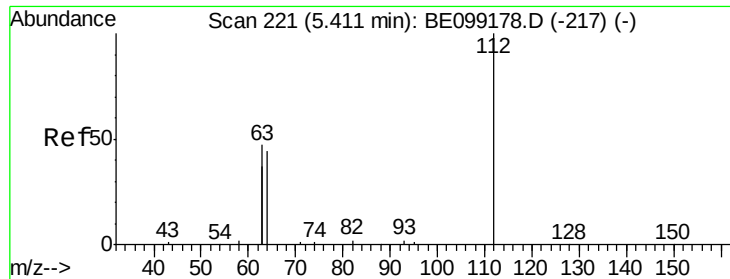
Abundance

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: 0.164 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099239.D

Acq: 27 Mar 2019 8:05

Instrument :

BNA_E

ClientSampleId :

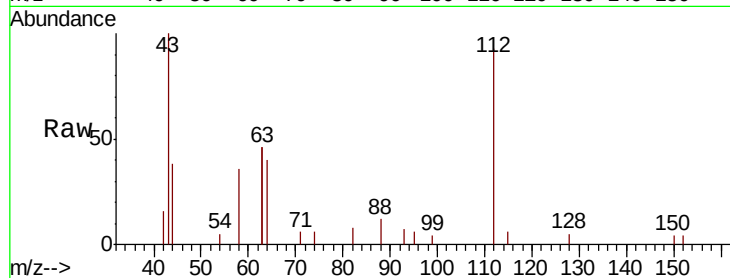
Tot Ion:112 Resp: 2088

Ion Ratio Lower Upper

112 100

64 58.0 46.2 69.2

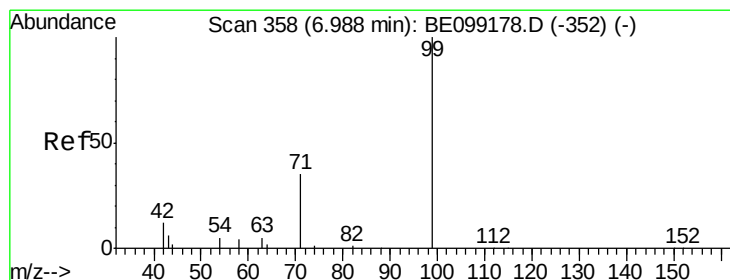
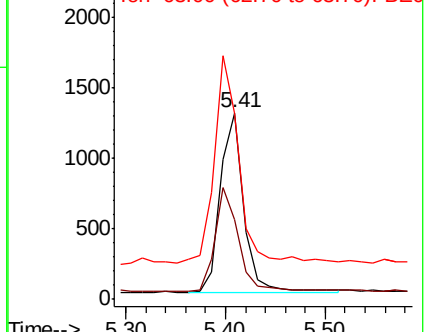
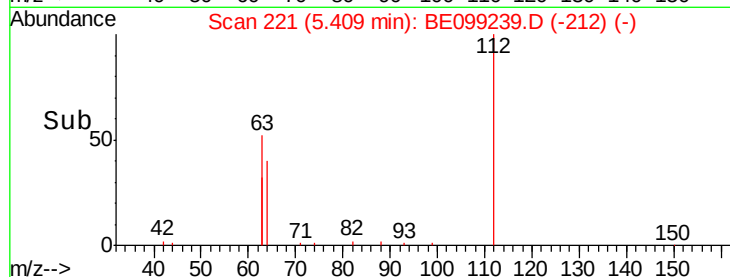
63 121.6 89.9 134.9



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: 0.102 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099239.D

Acq: 27 Mar 2019 8:05

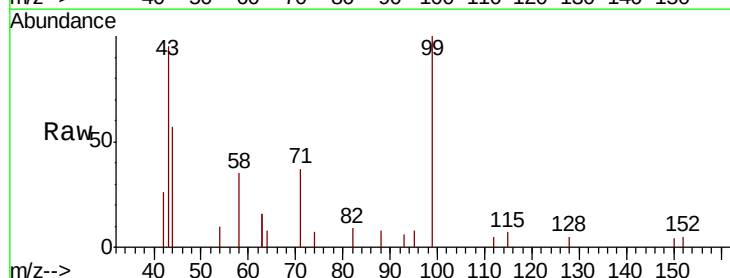
Tgt Ion: 99 Resp: 1981

Ion Ratio Lower Upper

99 100

42 23.7 12.4 18.6#

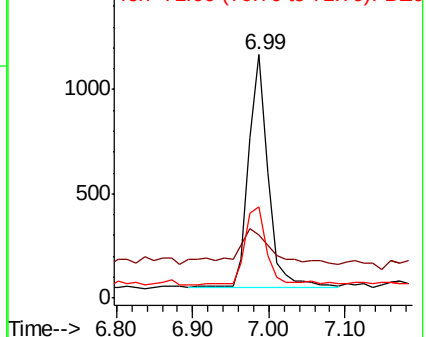
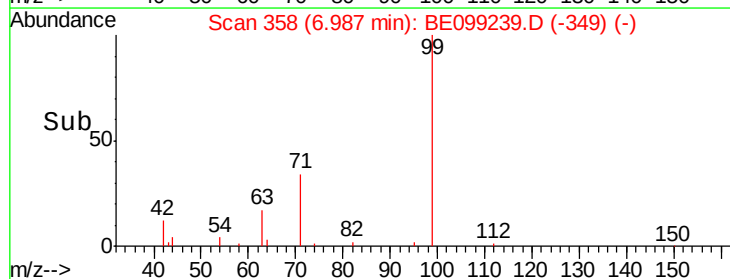
71 38.2 28.4 42.6

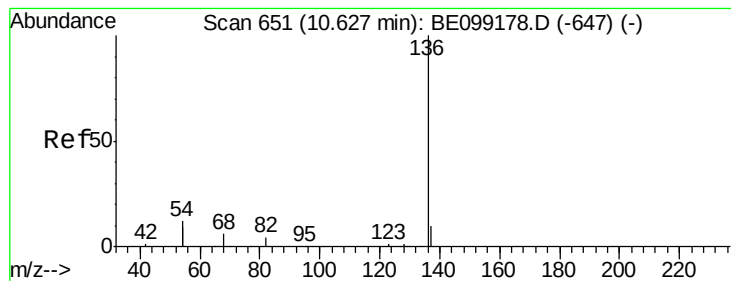


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099239.D

Acq: 27 Mar 2019 8:05

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 18527

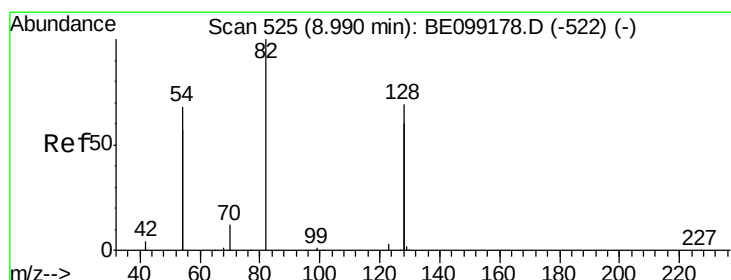
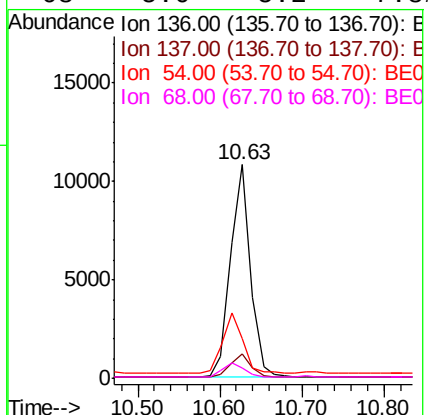
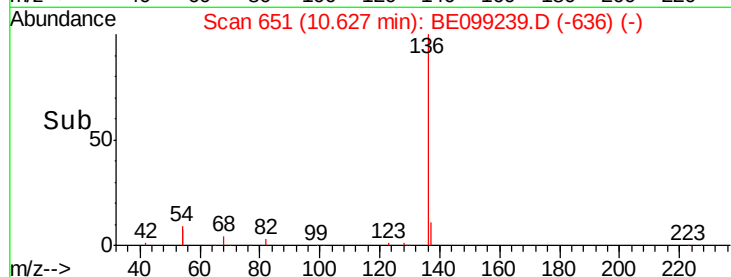
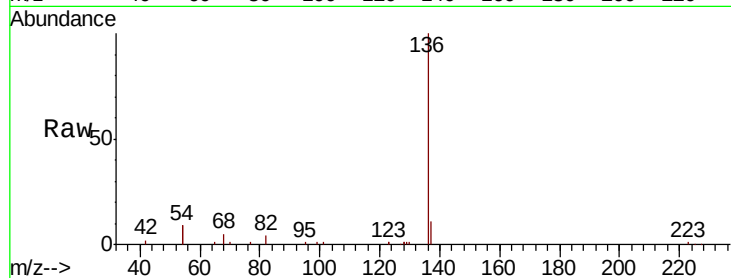
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 18.8 18.7 28.1

68 5.0 5.2 7.8#



#8

Nitrobenzene-d5

Concen: 0.383 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099239.D

Acq: 27 Mar 2019 8:05

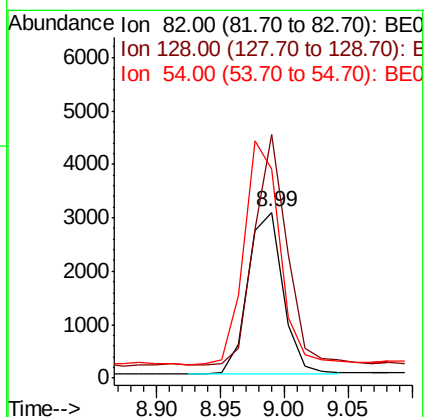
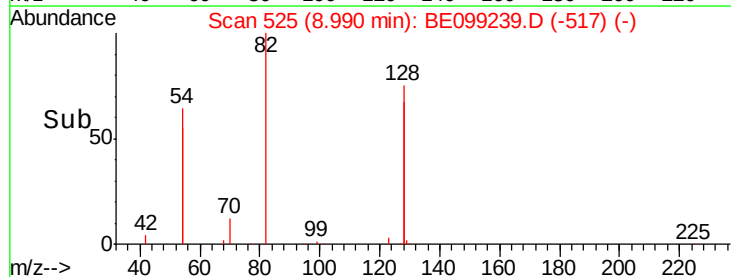
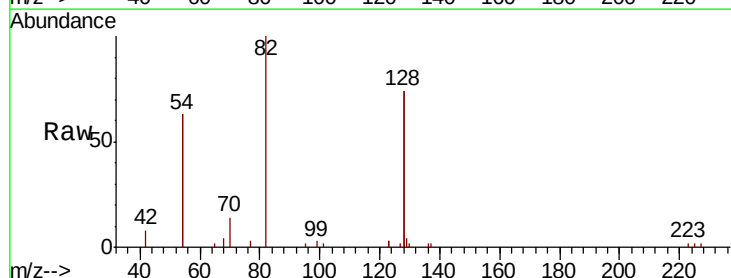
Tgt Ion: 82 Resp: 5801

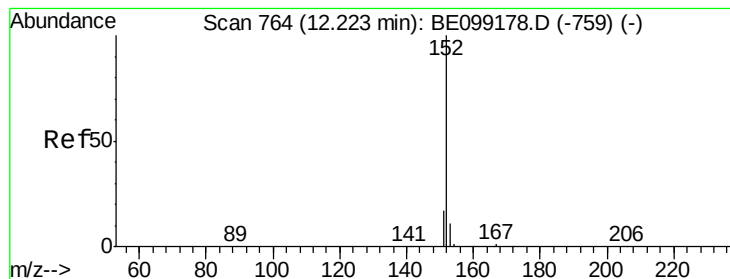
Ion Ratio Lower Upper

82 100

128 147.0 107.5 161.3

54 125.9 106.3 159.5





#11

2-Methylnaphthalene-d10

Concen: 0.414 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099239.D

Acq: 27 Mar 2019 8:05

Instrument :

BNA_E

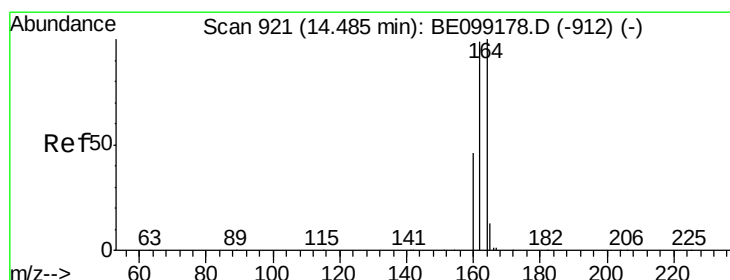
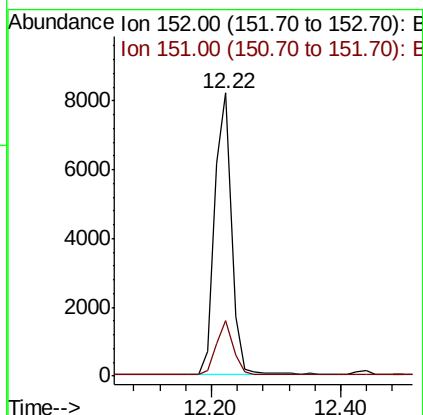
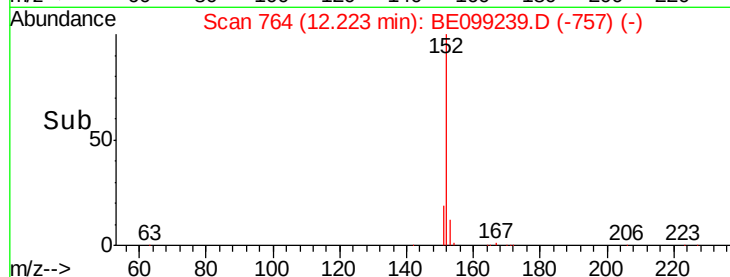
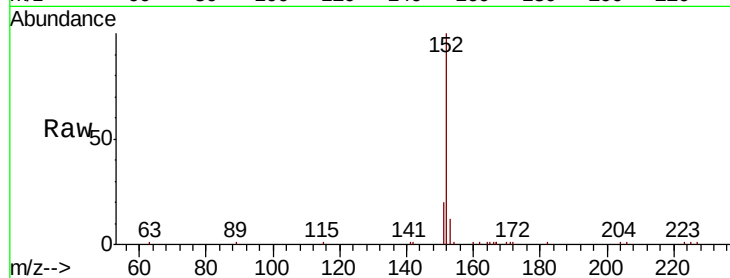
ClientSampleId :

Tot Ion:152 Resp: 14771

Ion Ratio Lower Upper

152 100

151 19.4 15.0 22.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.02 min

Lab File: BE099239.D

Acq: 27 Mar 2019 8:05

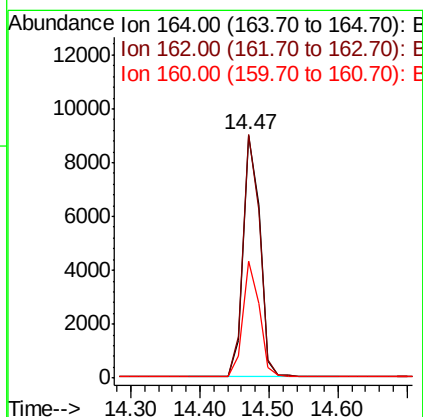
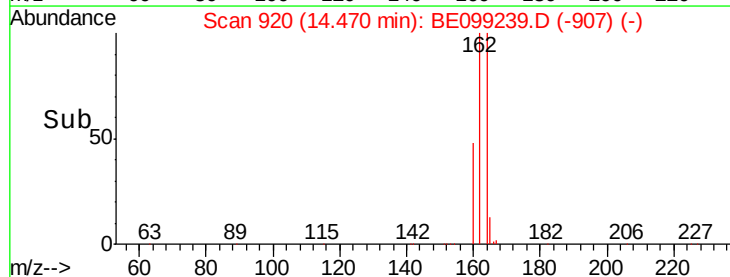
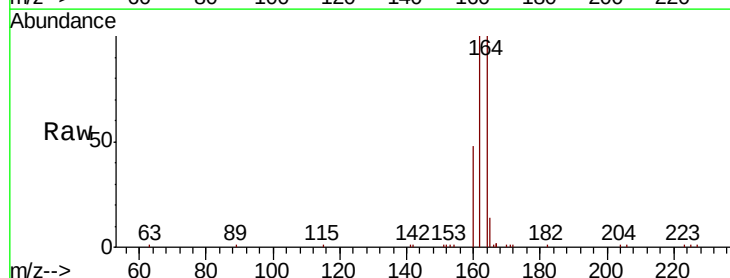
Tgt Ion:164 Resp: 15113

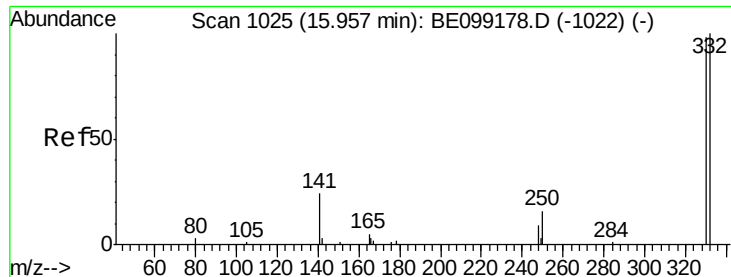
Ion Ratio Lower Upper

164 100

162 100.5 79.2 118.8

160 48.4 36.7 55.1

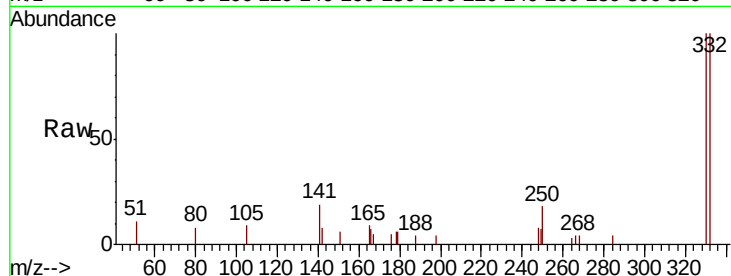




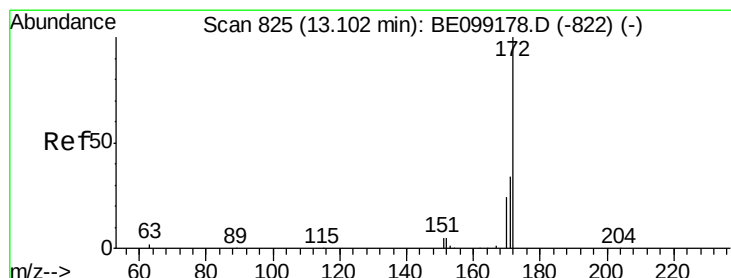
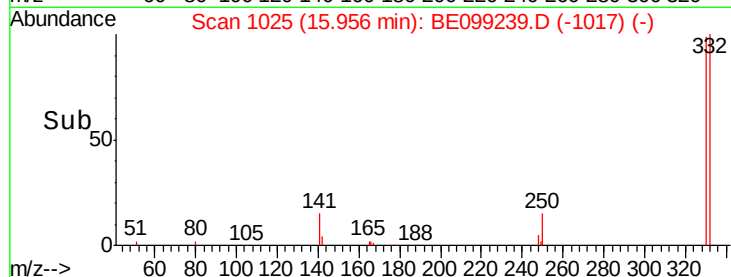
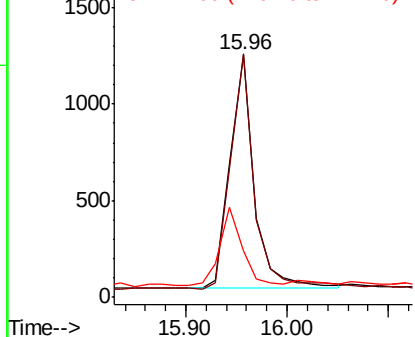
#14
 2,4,6-Tribromophenol
 Concen: 0.463 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE099239.D
 Acq: 27 Mar 2019 8:05

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 2011
 Ion Ratio Lower Upper
 330 100
 332 100.3 71.3 106.9
 141 31.4 21.7 32.5

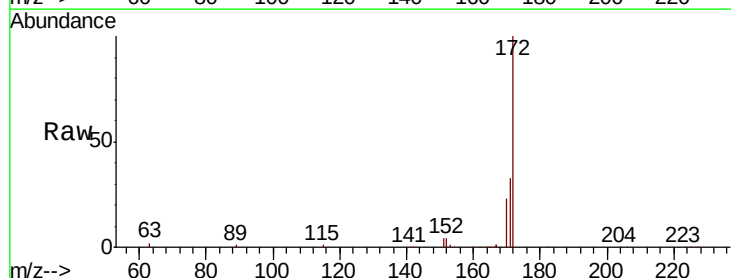


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

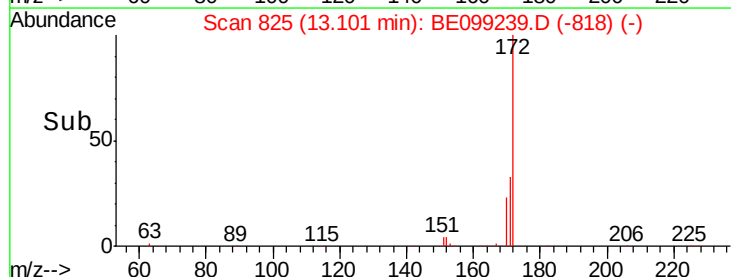
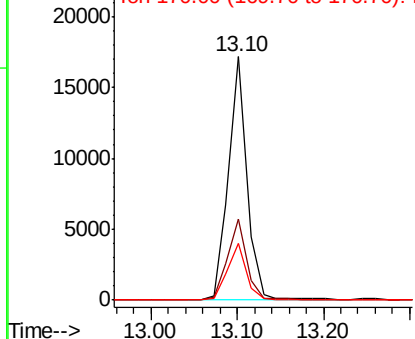


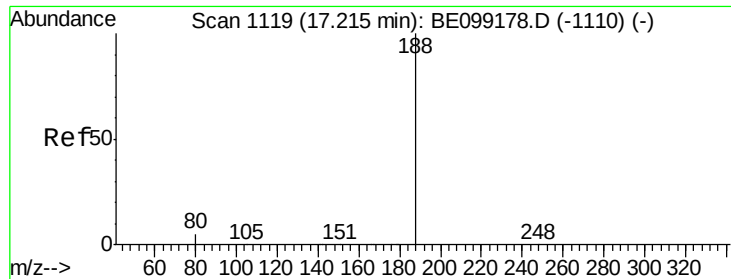
#15
 2-Fluorobiphenyl
 Concen: 0.408 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099239.D
 Acq: 27 Mar 2019 8:05

Tgt Ion:172 Resp: 25144
 Ion Ratio Lower Upper
 172 100
 171 33.2 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

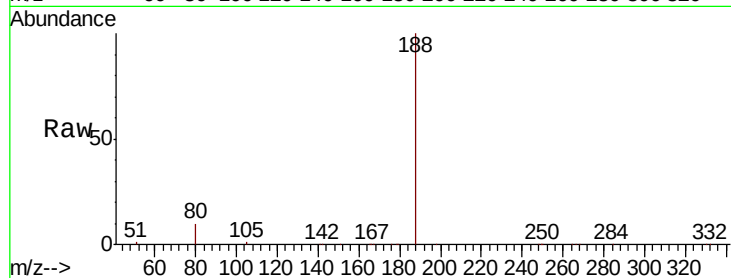




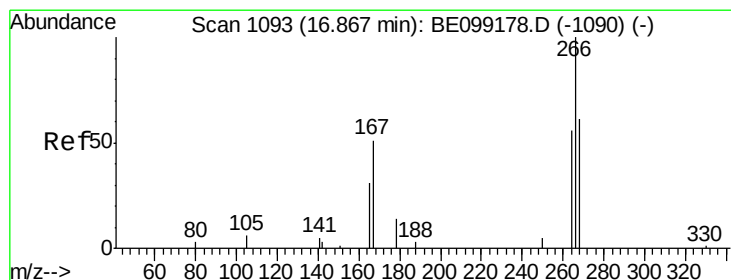
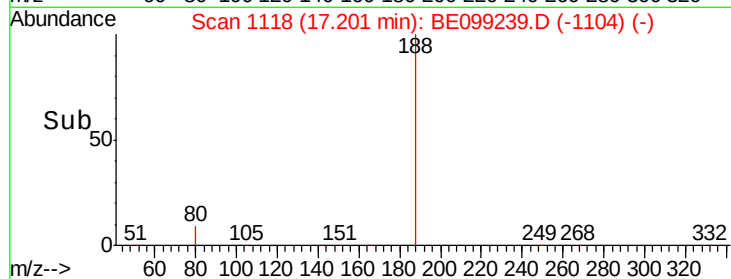
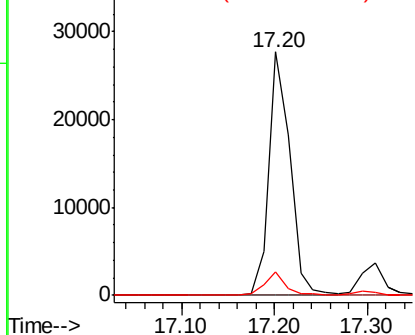
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099239.D
Acq: 27 Mar 2019 8:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 43724
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 4.5 6.7#

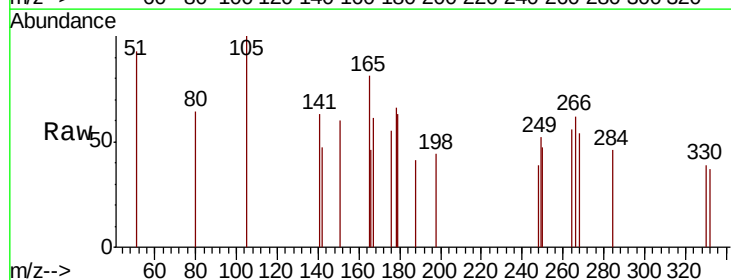


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

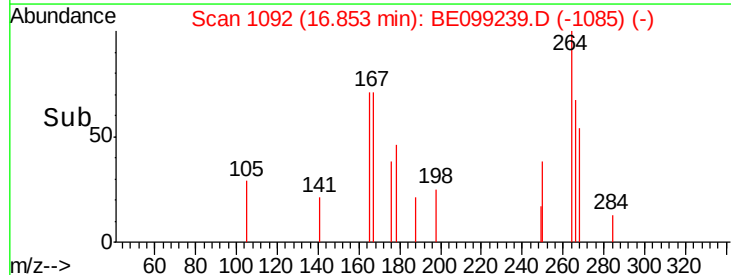
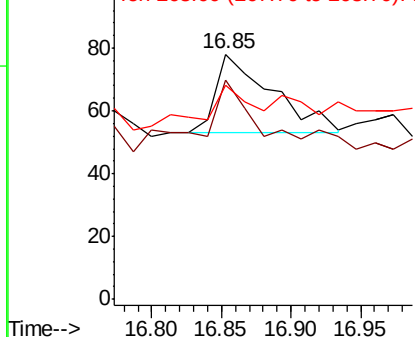


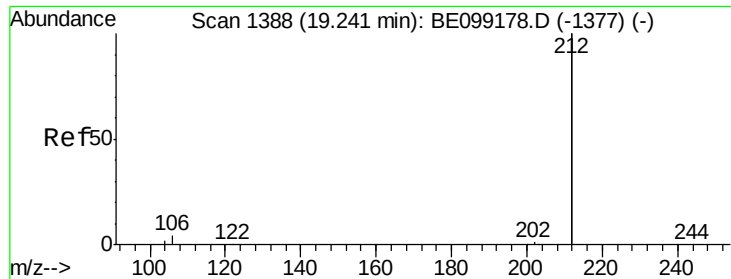
#22
Pentachlorophenol
Concen: 0.256 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099239.D
Acq: 27 Mar 2019 8:05

Tgt Ion:266 Resp: 70
Ion Ratio Lower Upper
266 100
264 89.7 54.4 81.6#
268 87.2 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: 0.420 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099239.D

Acq: 27 Mar 2019 8:05

Instrument :

BNA_E

ClientSampleId :

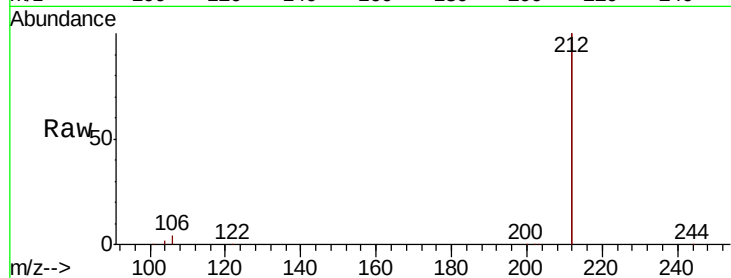
Tot Ion:212 Resp: 222316

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

104 1.3 1.1 1.7

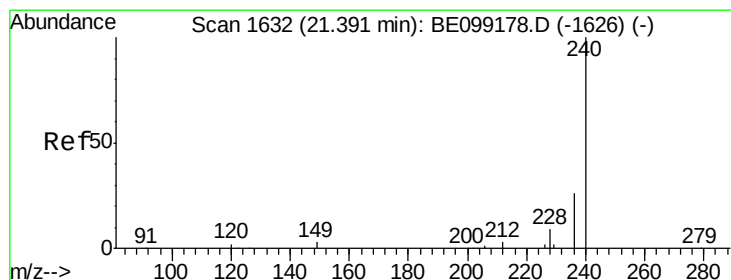
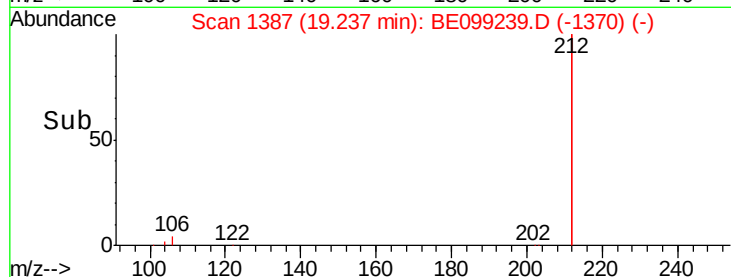
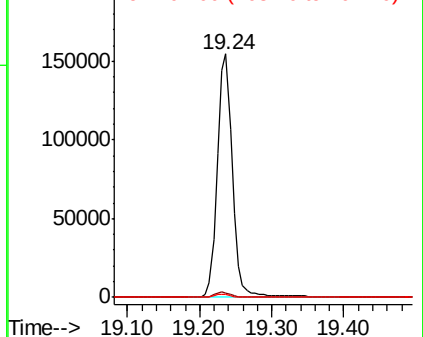


Abundance

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# 1630

Delta R.T. -0.01 min

Lab File: BE099239.D

Acq: 27 Mar 2019 8:05

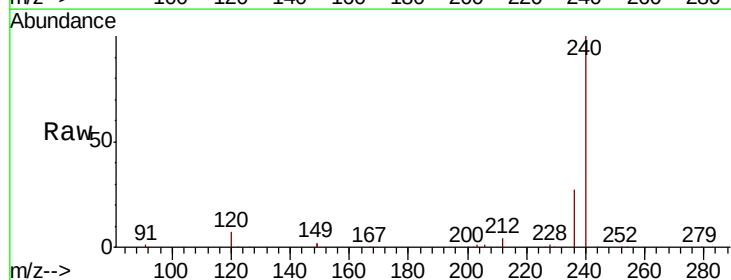
Tgt Ion:240 Resp: 49335

Ion Ratio Lower Upper

240 100

120 7.4 2.6 3.8#

236 27.5 20.9 31.3

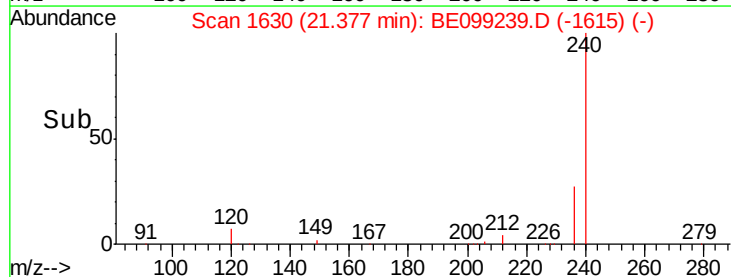
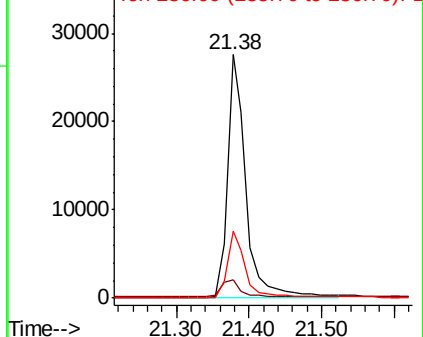


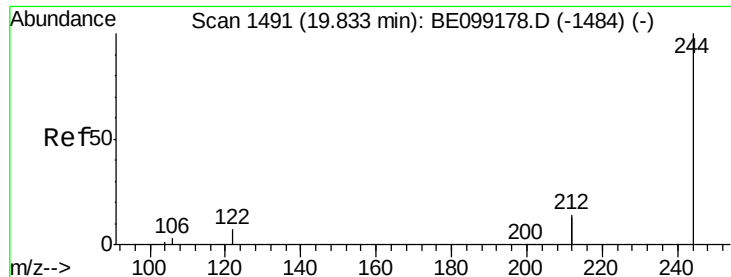
Abundance

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: 0.363 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE099239.D

Acq: 27 Mar 2019 8:05

Instrument :

BNA_E

ClientSampleId :

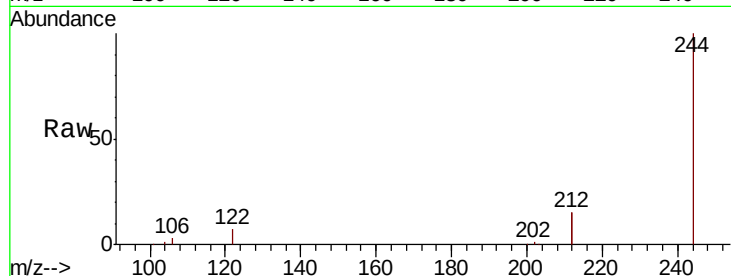
Tot Ion:244 Resp: 38911

Ion Ratio Lower Upper

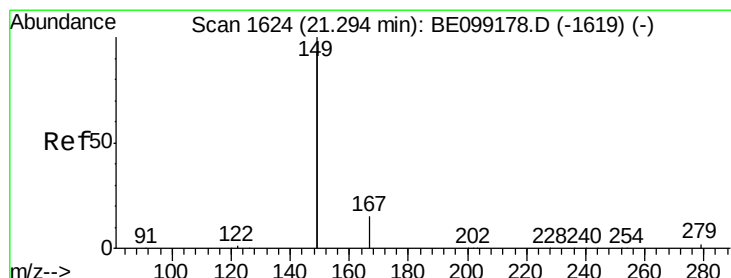
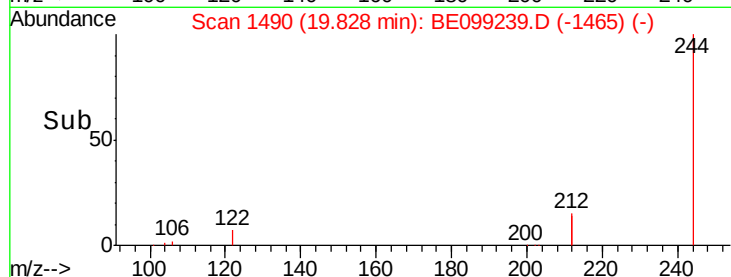
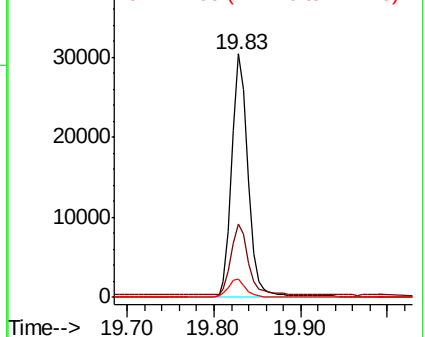
244 100

212 30.4 22.7 34.1

122 7.4 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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.081 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE099239.D

Acq: 27 Mar 2019 8:05

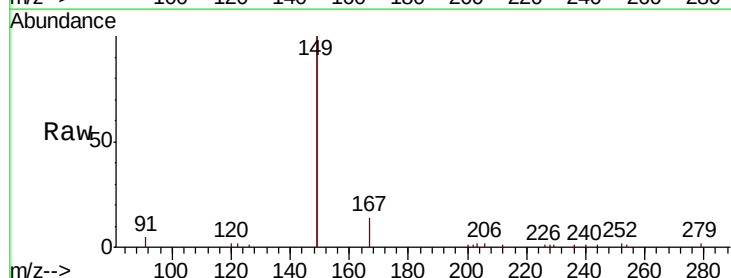
Tgt Ion:149 Resp: 15674

Ion Ratio Lower Upper

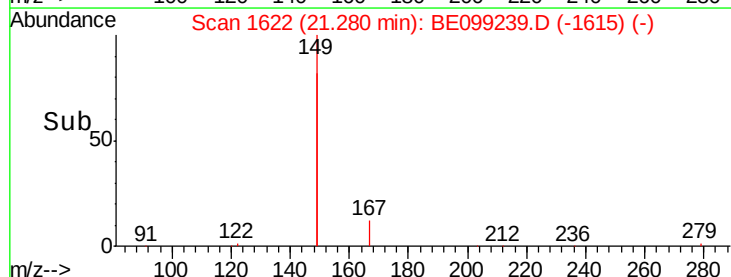
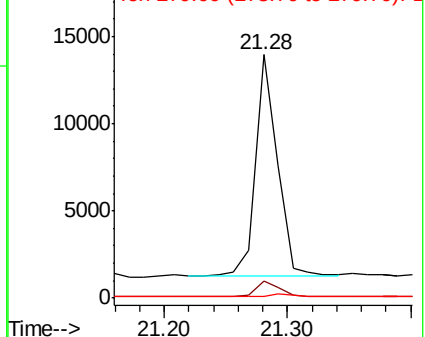
149 100

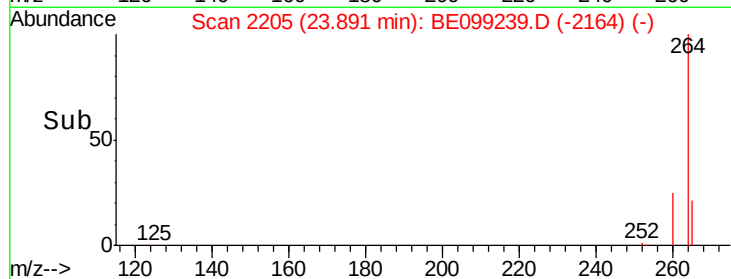
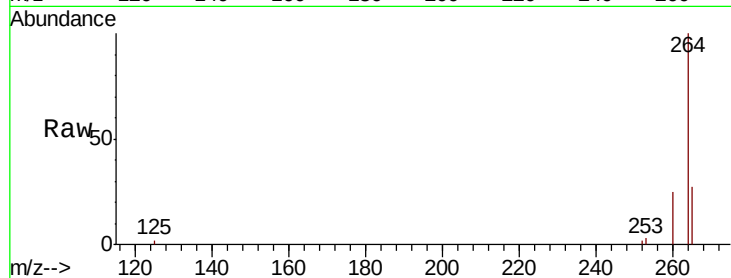
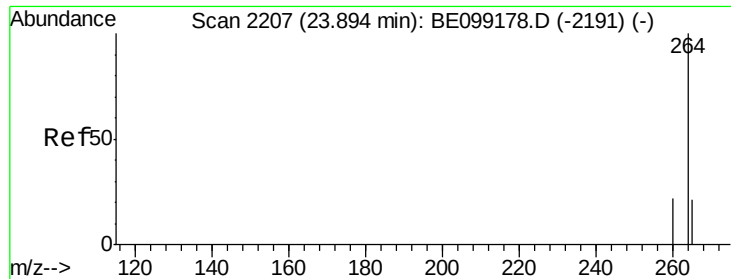
167 8.4 5.9 8.9

279 1.5 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

Pervlene-d12

Concen: 0.400 ng

RT: 23.89 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE099239.D

Acq: 27 Mar 2019 8:05

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 39321

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.2

265 26.8 21.8 32.8

