

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041819\
 Data File : BE099341.D
 Acq On : 18 Apr 2019 17:25
 Operator : JU/SJ
 Sample : K2425-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-190415

Quant Time: Apr 19 07:03:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

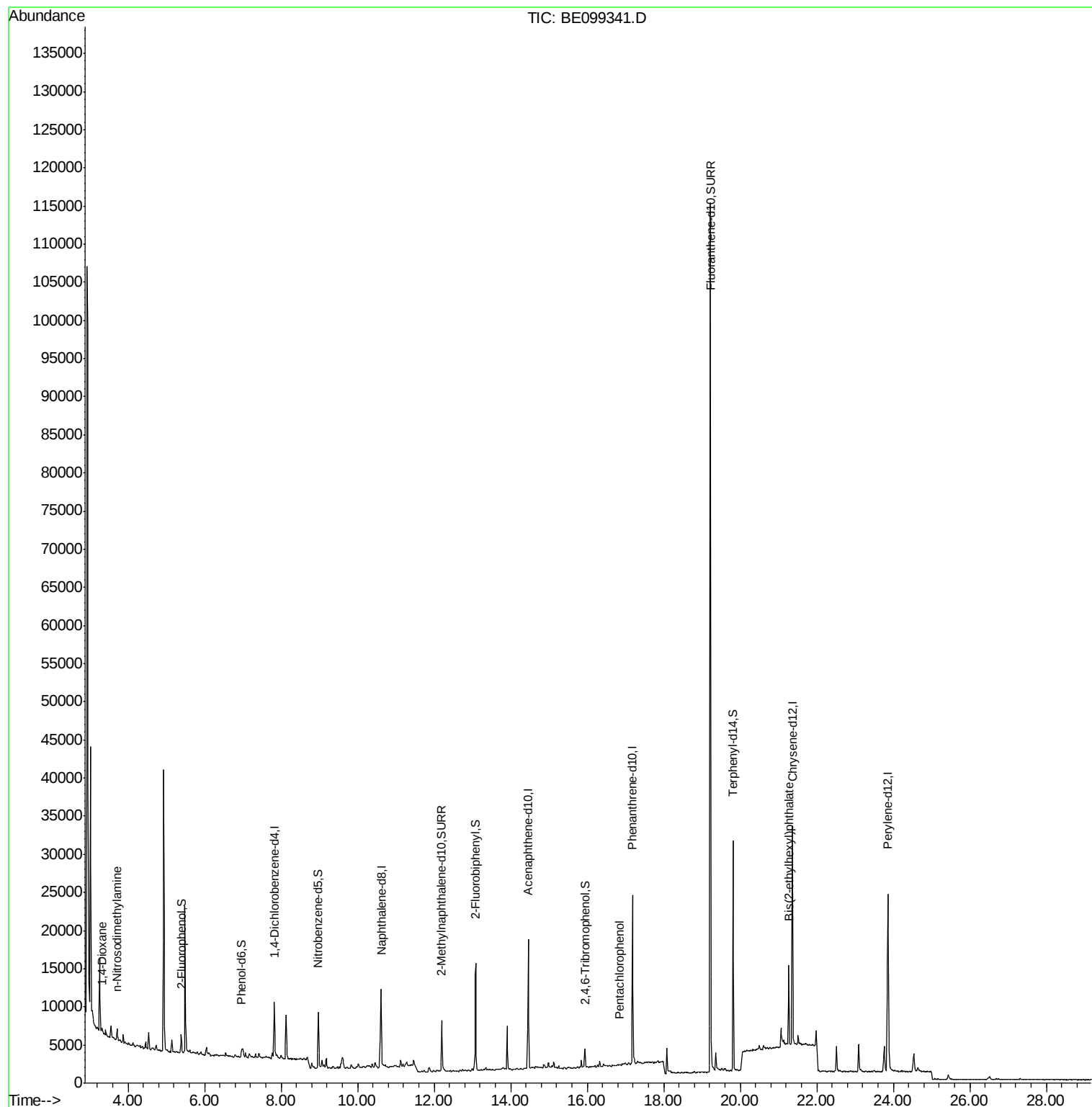
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3565	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	13164	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	9646	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	29758	0.40	ng	0.00
27) Chrysene-d12	21.37	240	33344	0.40	ng	0.00
34) Perylene-d12	23.86	264	35771	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1520	0.17	ng	0.00
5) Phenol-d6	6.97	99	1173	0.09	ng	0.00
8) Nitrobenzene-d5	8.96	82	3806	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	9187	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1646	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	14844	0.39	ng	0.00
25) Fluoranthene-d10	19.22	212	152468	0.43	ng	0.00
29) Terphenyl-d14	19.81	244	27524	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	650	0.130	ng	# 65
3) n-Nitrosodimethylamine	3.71	42	178	0.066	ng	# 1
22) Pentachlorophenol	16.84	266	99	0.236	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.27	149	12706	0.142	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: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099341.D

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Instrument :

BNA_E

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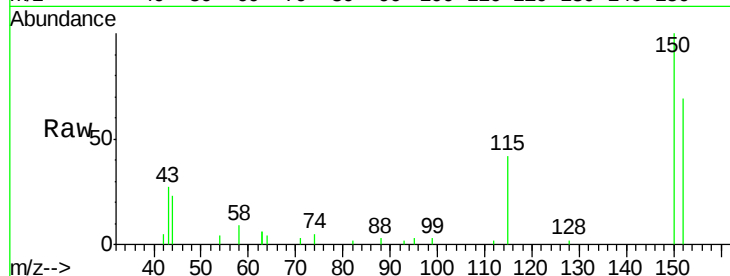
Tgt Ion:152 Resp: 3565

Ion Ratio Lower Upper

152 100

150 144.1 119.5 179.3

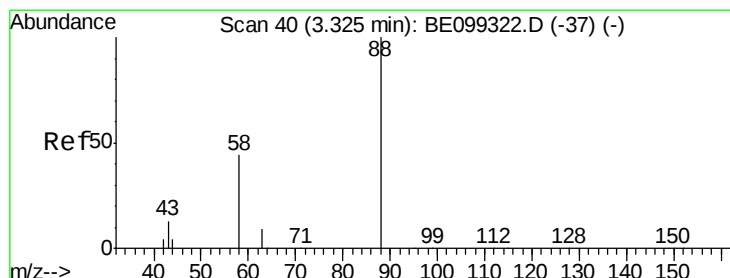
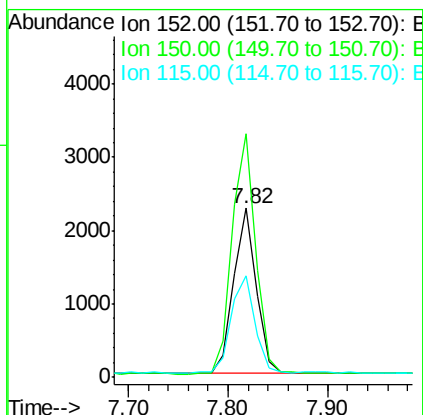
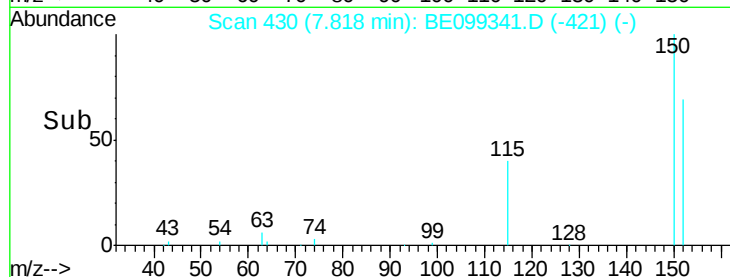
115 60.0 47.5 71.3



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: 0.130 ng

RT: 3.33 min Scan# 40

Delta R.T. 0.00 min

Lab File: BE099341.D

Acq: 18 Apr 2019 17:25

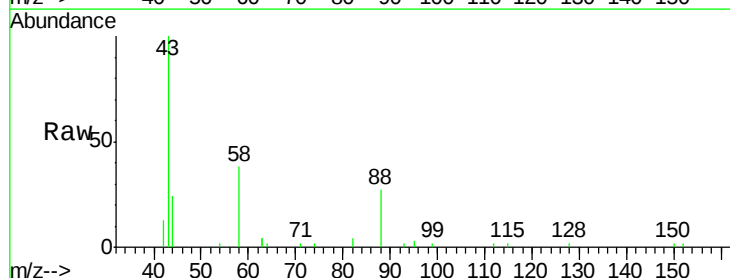
Tgt Ion: 88 Resp: 650

Ion Ratio Lower Upper

88 100

58 38.2 49.1 73.7#

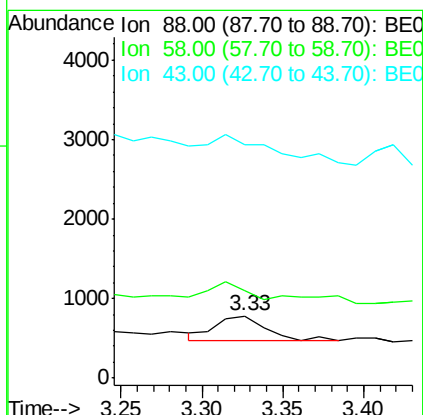
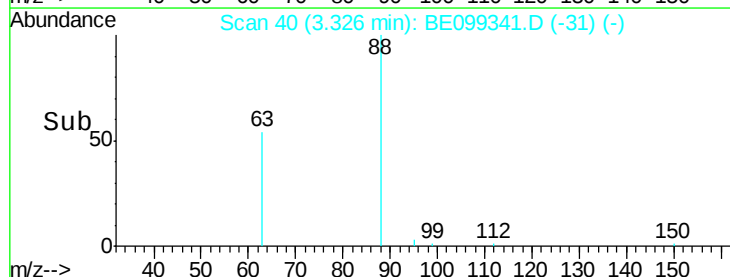
43 0.0 17.9 26.9#

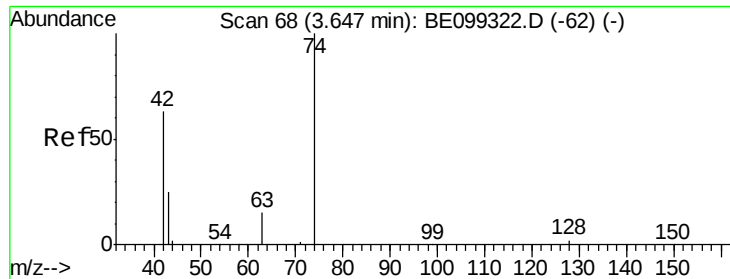


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.066 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.05 min

Lab File: BE099341.D

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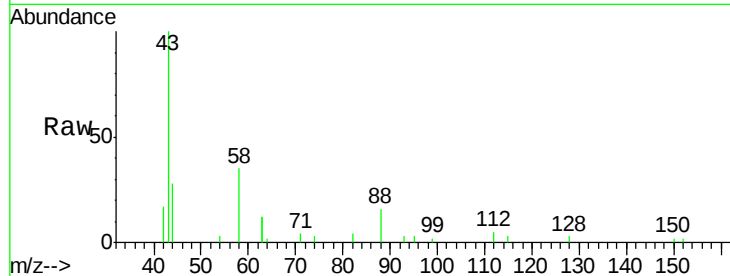
Tgt Ion: 42 Resp: 178

Ion Ratio Lower Upper

42 100

74 0.0 145.8 218.8#

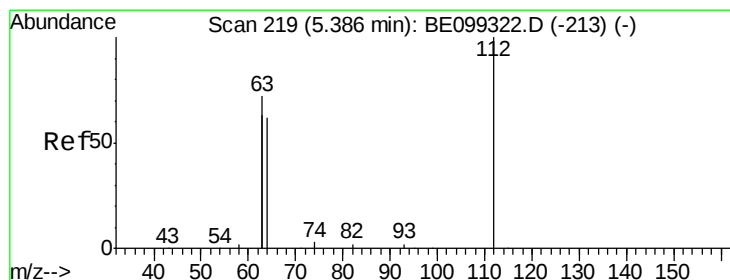
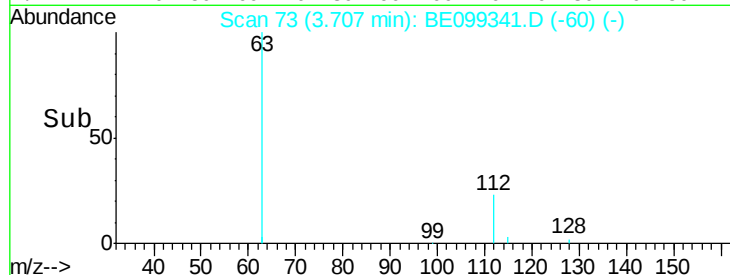
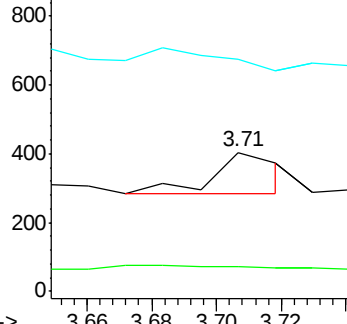
44 0.0 9.0 13.4#



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: 0.174 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099341.D

Acq: 18 Apr 2019 17:25

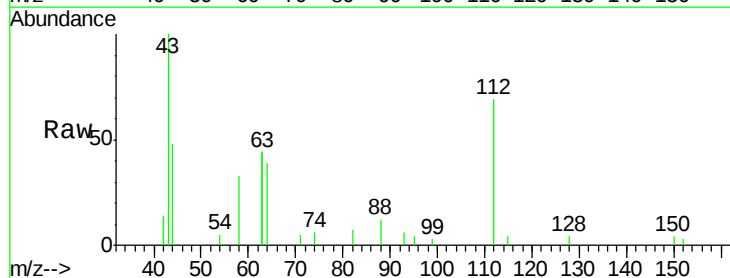
Tgt Ion: 112 Resp: 1520

Ion Ratio Lower Upper

112 100

64 52.4 44.9 67.3

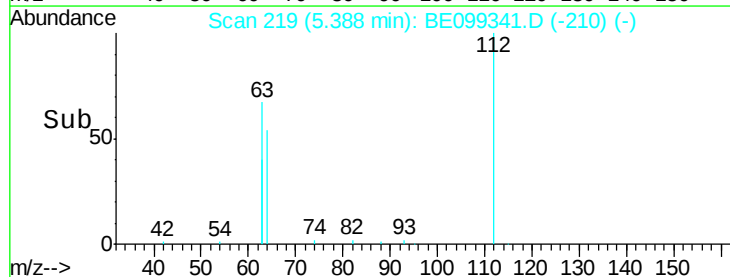
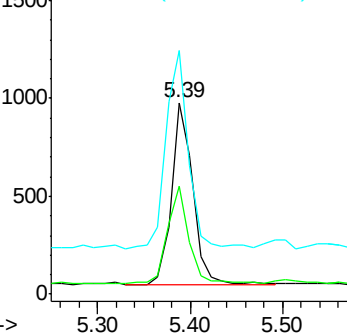
63 113.2 97.4 146.0

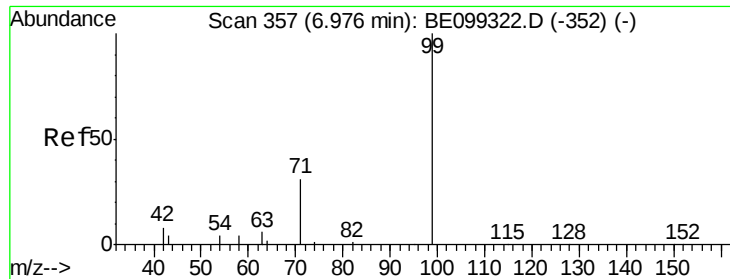


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.094 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099341.D

Acq: 18 Apr 2019 17:25

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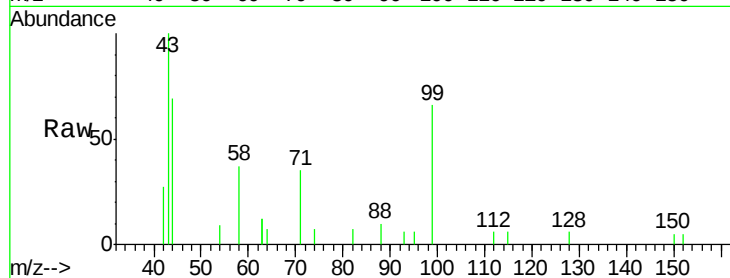
Tgt Ion: 99 Resp: 1173

Ion Ratio Lower Upper

99 100

42 25.1 11.7 17.5#

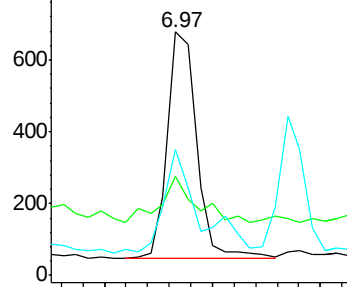
71 55.9 29.6 44.4#



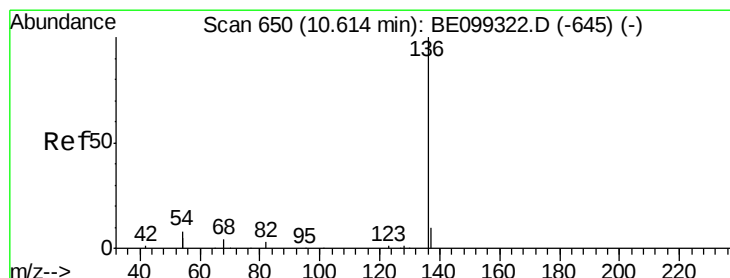
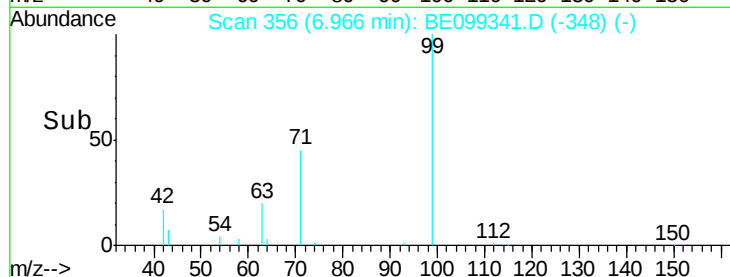
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099341.D

Acq: 18 Apr 2019 17:25

Tgt Ion: 136 Resp: 13164

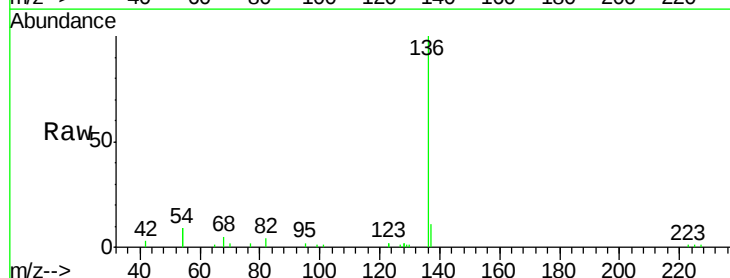
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 17.1 23.8 35.8#

68 5.3 6.4 9.6#

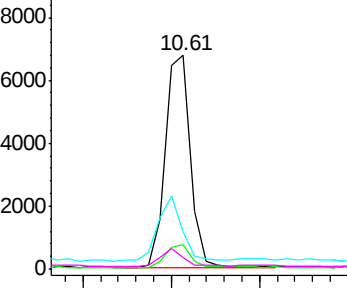


Abundance Ion 136.00 (135.70 to 136.70): E

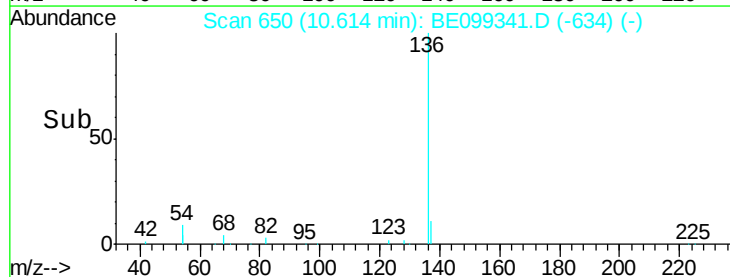
Ion 137.00 (136.70 to 137.70): E

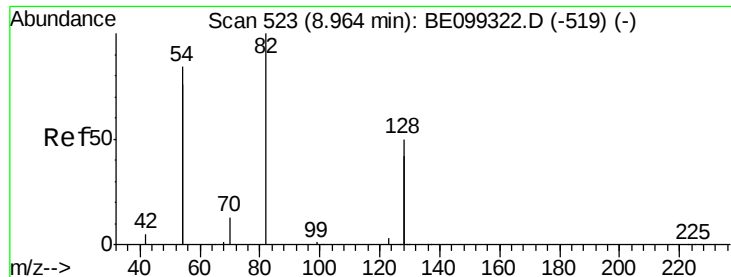
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.372 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099341.D

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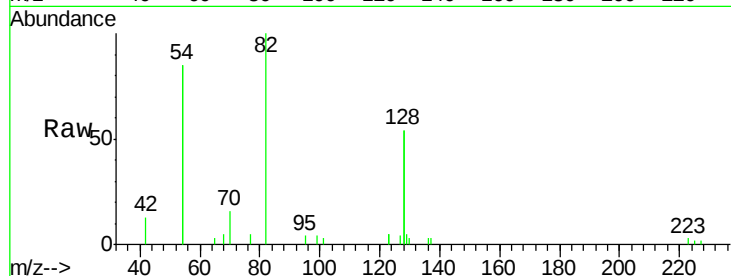
Tgt Ion: 82 Resp: 3806

Ion Ratio Lower Upper

82 100

128 108.3 91.7 137.5

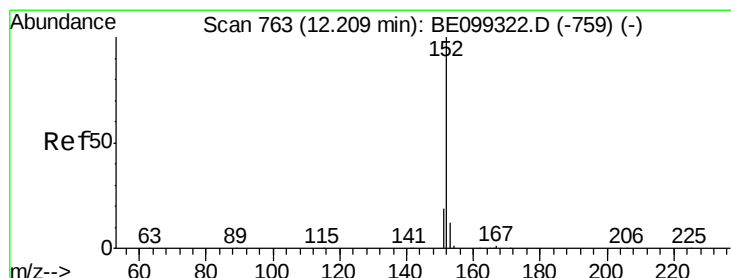
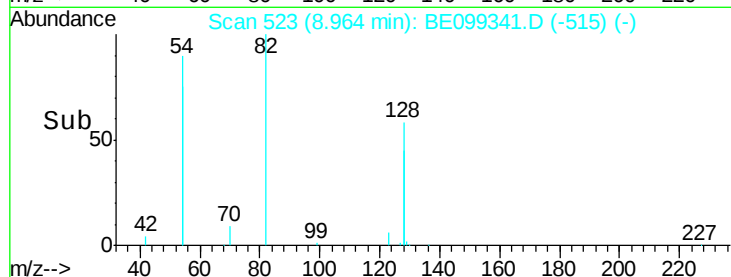
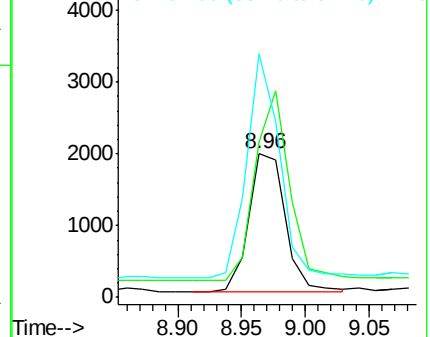
54 169.6 122.8 184.2



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: 0.395 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099341.D

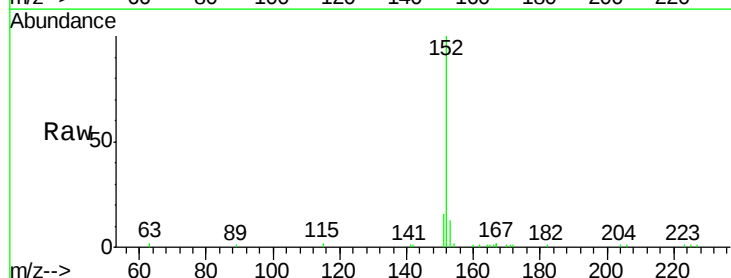
Acq: 18 Apr 2019 17:25

Tgt Ion: 152 Resp: 9187

Ion Ratio Lower Upper

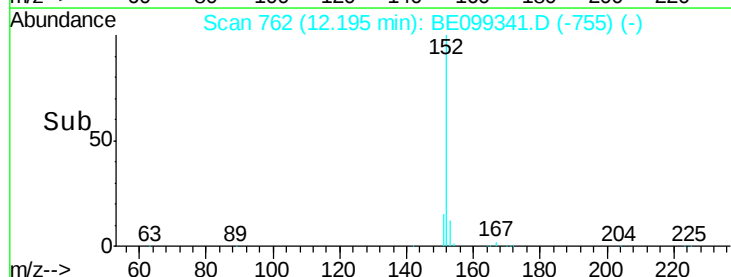
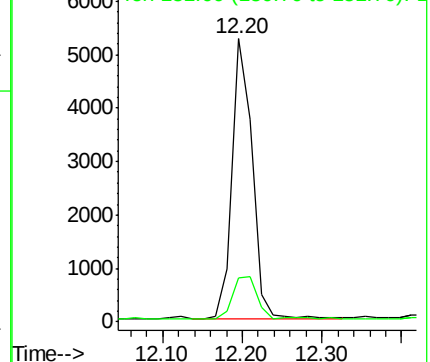
152 100

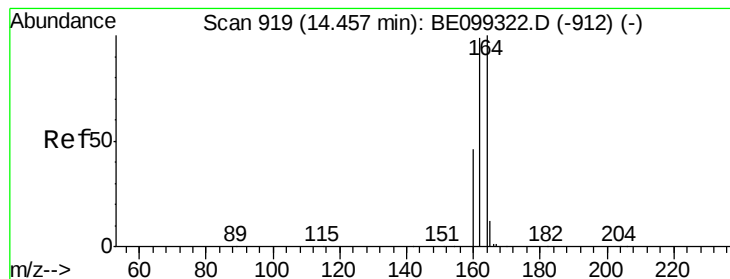
151 18.1 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099341.D

Acq: 18 Apr 2019 17:25

Instrument :

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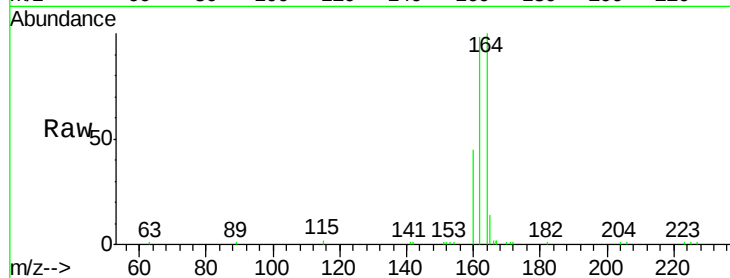
Tgt Ion:164 Resp: 9646

Ion Ratio Lower Upper

164 100

162 97.6 77.8 116.6

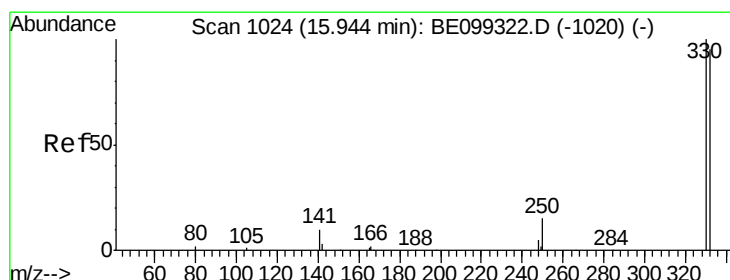
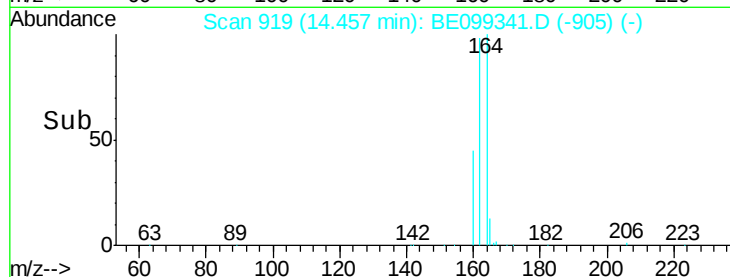
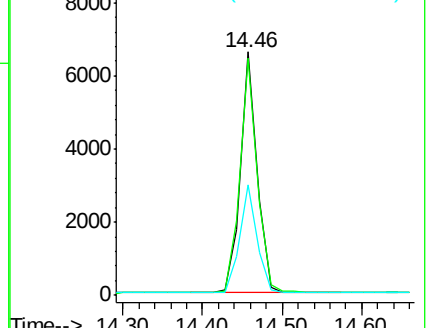
160 45.2 37.1 55.7



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: 0.514 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099341.D

Acq: 18 Apr 2019 17:25

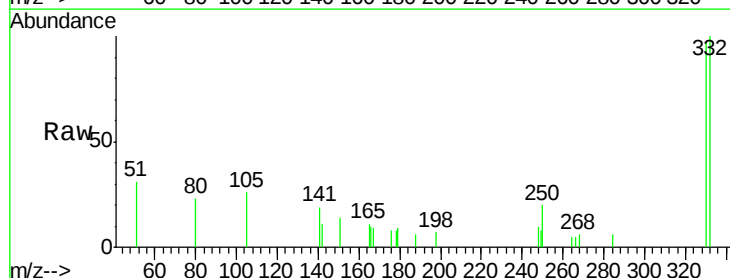
Tgt Ion:330 Resp: 1646

Ion Ratio Lower Upper

330 100

332 96.8 82.5 123.7

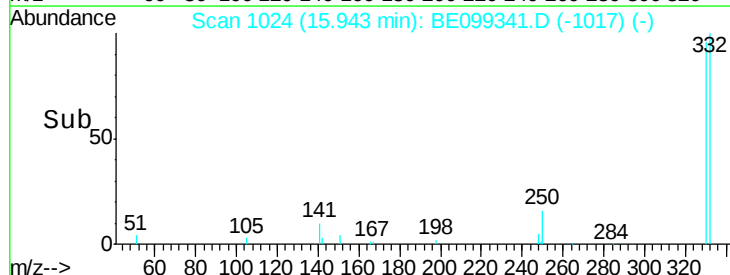
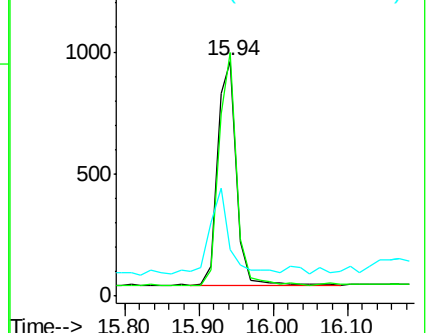
141 32.6 24.9 37.3

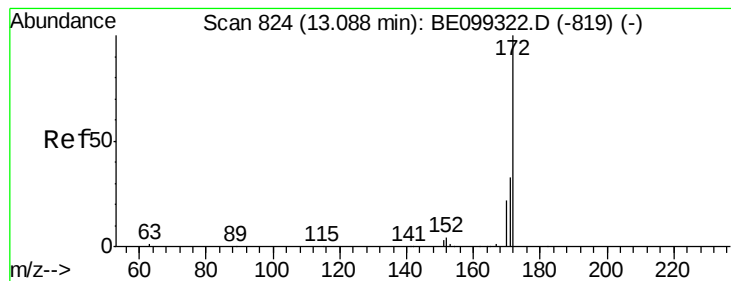


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.392 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

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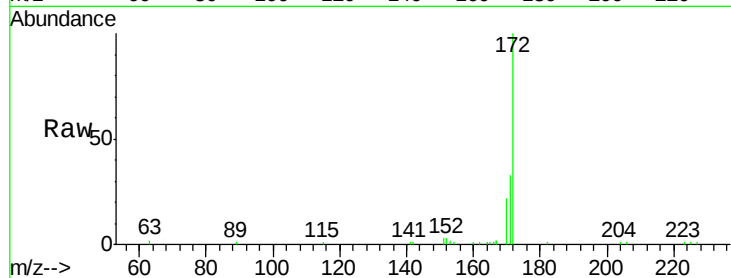
Tgt Ion:172 Resp: 14844

Ion Ratio Lower Upper

172 100

171 32.6 26.2 39.2

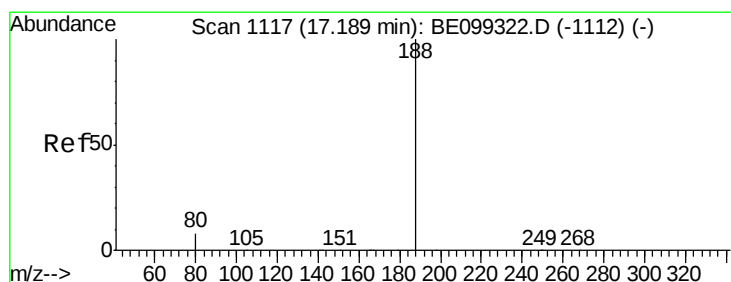
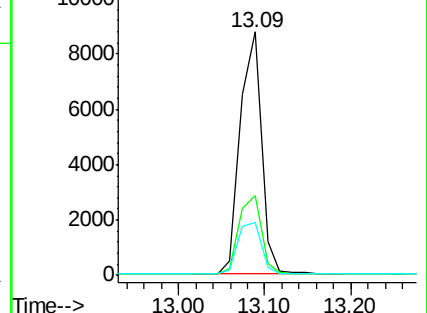
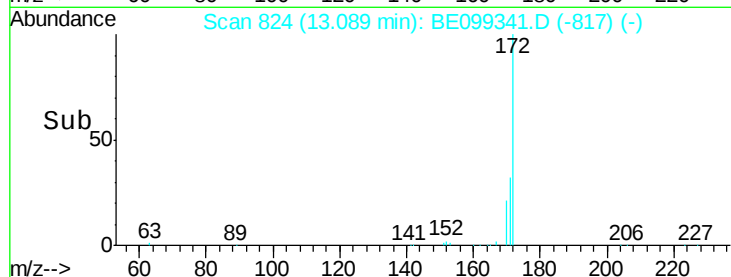
170 21.7 18.1 27.1



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: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099341.D

Acq: 18 Apr 2019 17:25

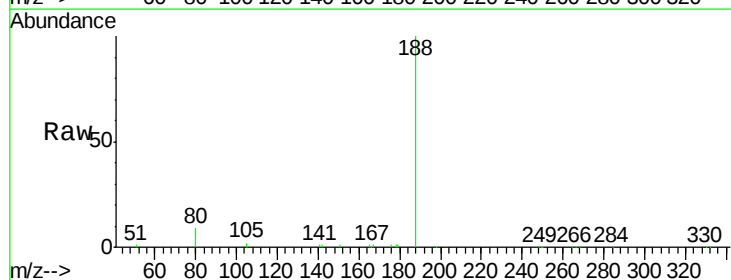
Tgt Ion:188 Resp: 29758

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

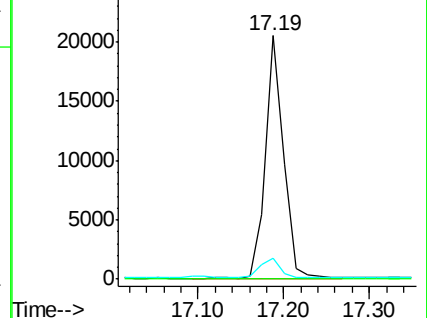
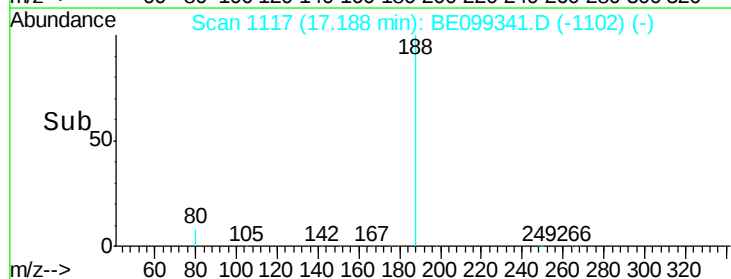
80 8.7 6.2 9.4

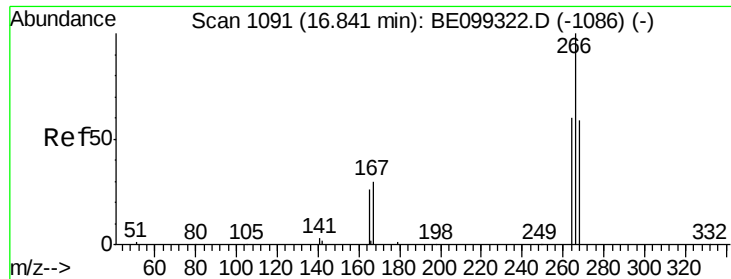


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.236 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE099341.D

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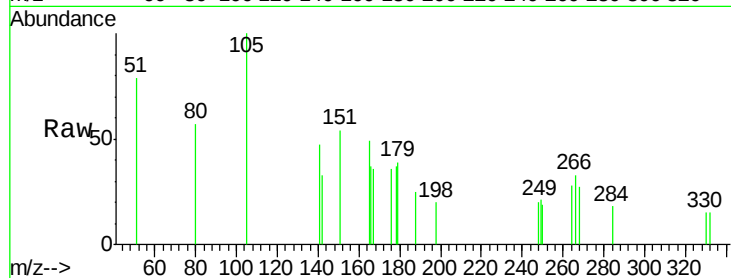
Tgt Ion:266 Resp: 99

Ion Ratio Lower Upper

266 100

264 84.4 54.5 81.7#

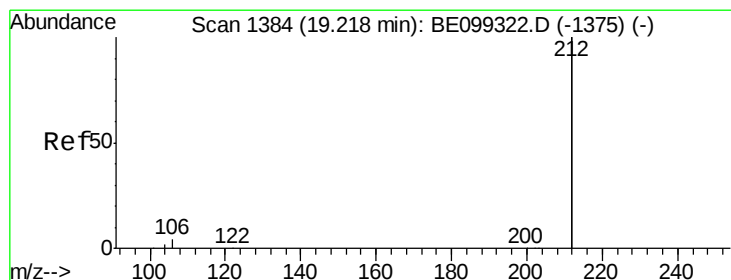
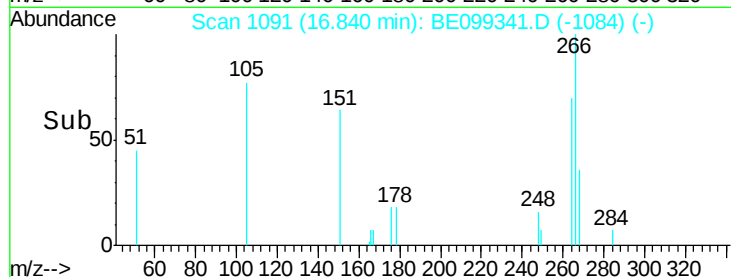
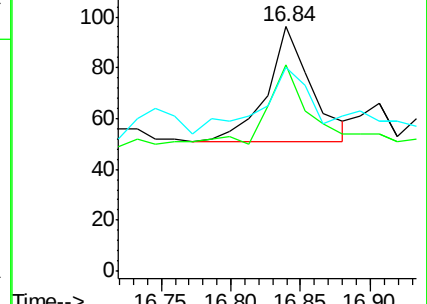
268 83.3 54.3 81.5#



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: 0.426 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099341.D

Acq: 18 Apr 2019 17:25

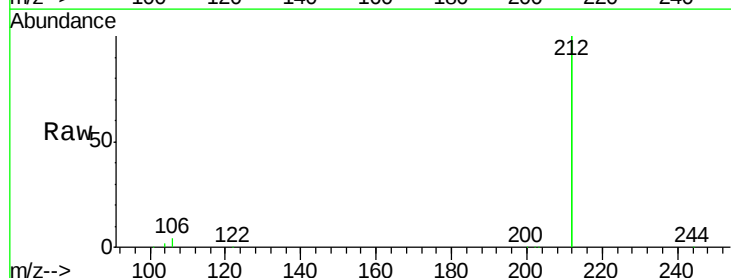
Tgt Ion:212 Resp: 152468

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.6

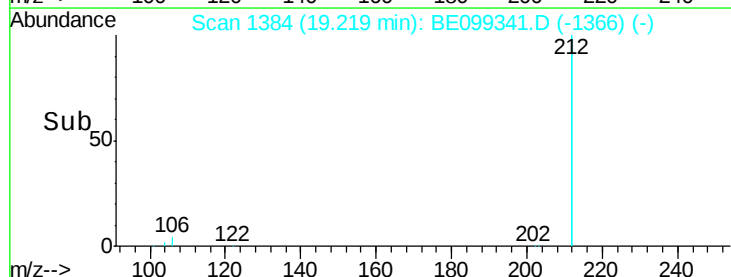
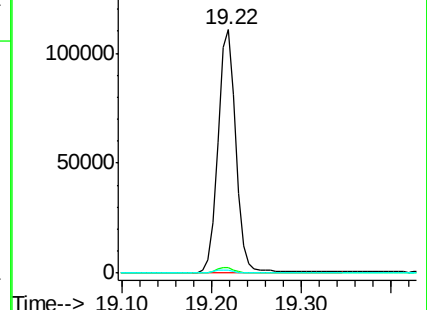
104 1.2 1.0 1.4

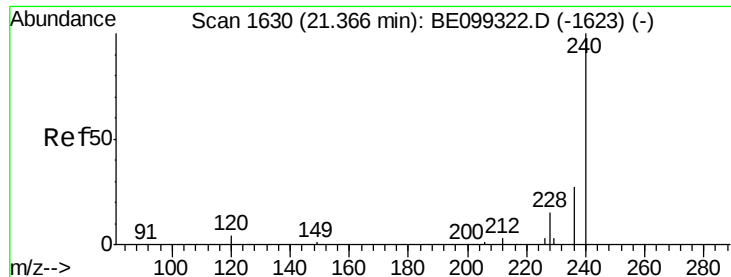


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099341.D

Acq: 18 Apr 2019 17:25

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190415

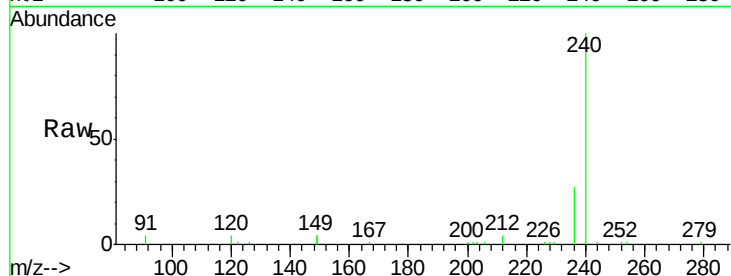
Tgt Ion:240 Resp: 33344

Ion Ratio Lower Upper

240 100

120 3.8 2.2 3.2#

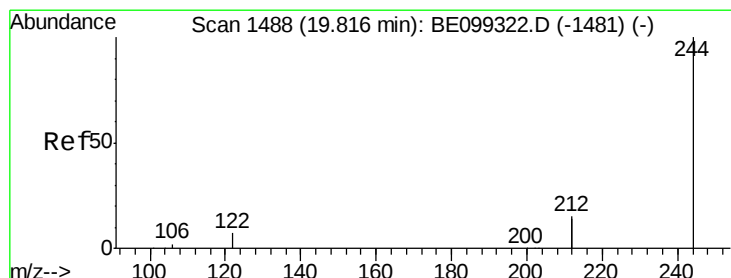
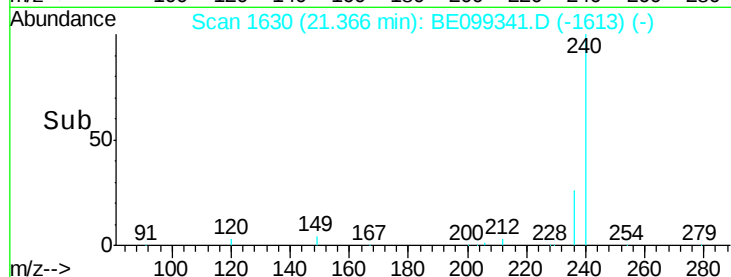
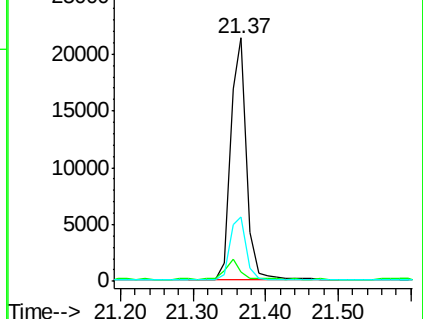
236 26.6 20.2 30.4



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: 0.419 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099341.D

Acq: 18 Apr 2019 17:25

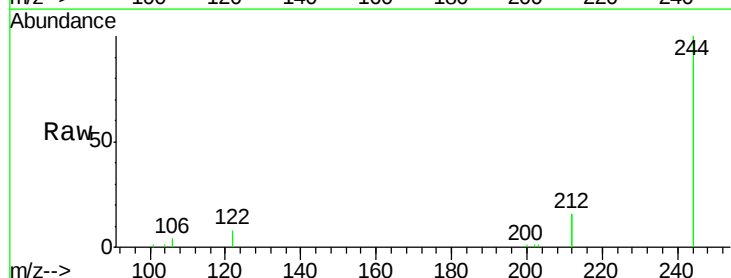
Tgt Ion:244 Resp: 27524

Ion Ratio Lower Upper

244 100

212 31.3 22.6 33.8

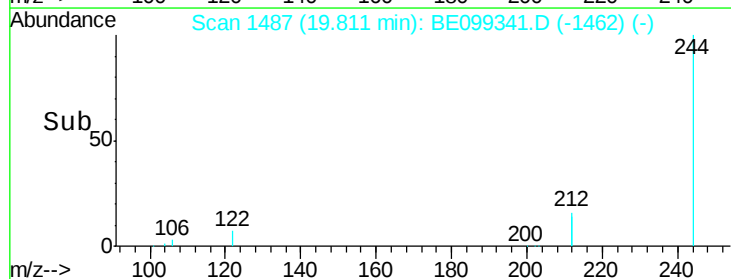
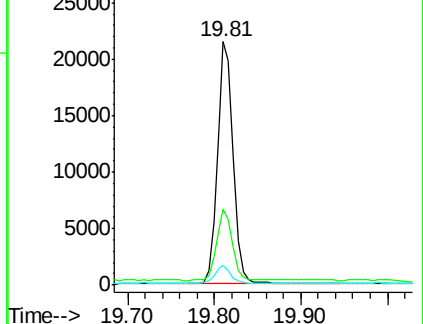
122 7.9 4.6 7.0#

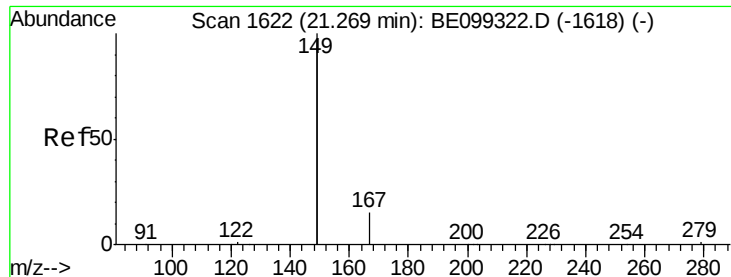


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.142 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099341.D

Acq: 18 Apr 2019 17:25

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190415

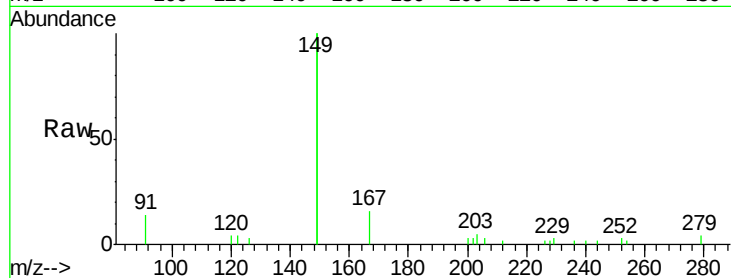
Tgt Ion:149 Resp: 12706

Ion Ratio Lower Upper

149 100

167 7.4 6.0 9.0

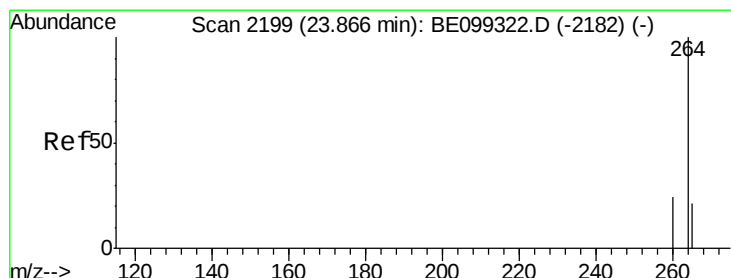
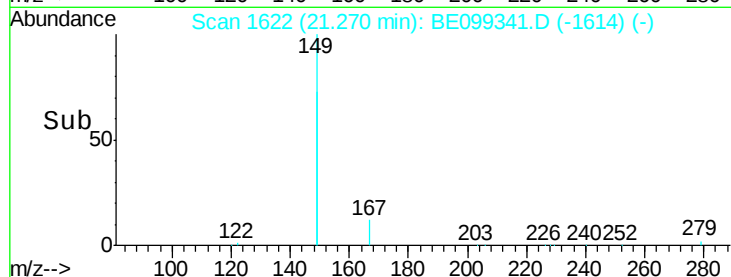
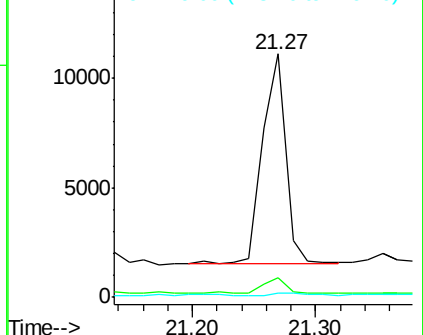
279 1.4 1.1 1.7



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: 23.86 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BE099341.D

Acq: 18 Apr 2019 17:25

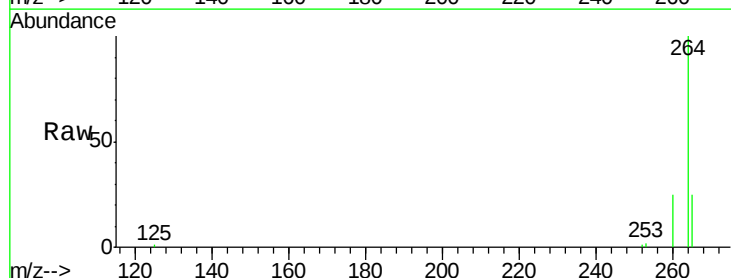
Tgt Ion:264 Resp: 35771

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 24.9 19.9 29.9



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

