

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041819\
 Data File : BE099343.D
 Acq On : 18 Apr 2019 18:42
 Operator : JU/SJ
 Sample : K2425-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-190415

Quant Time: Apr 19 07:03:25 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

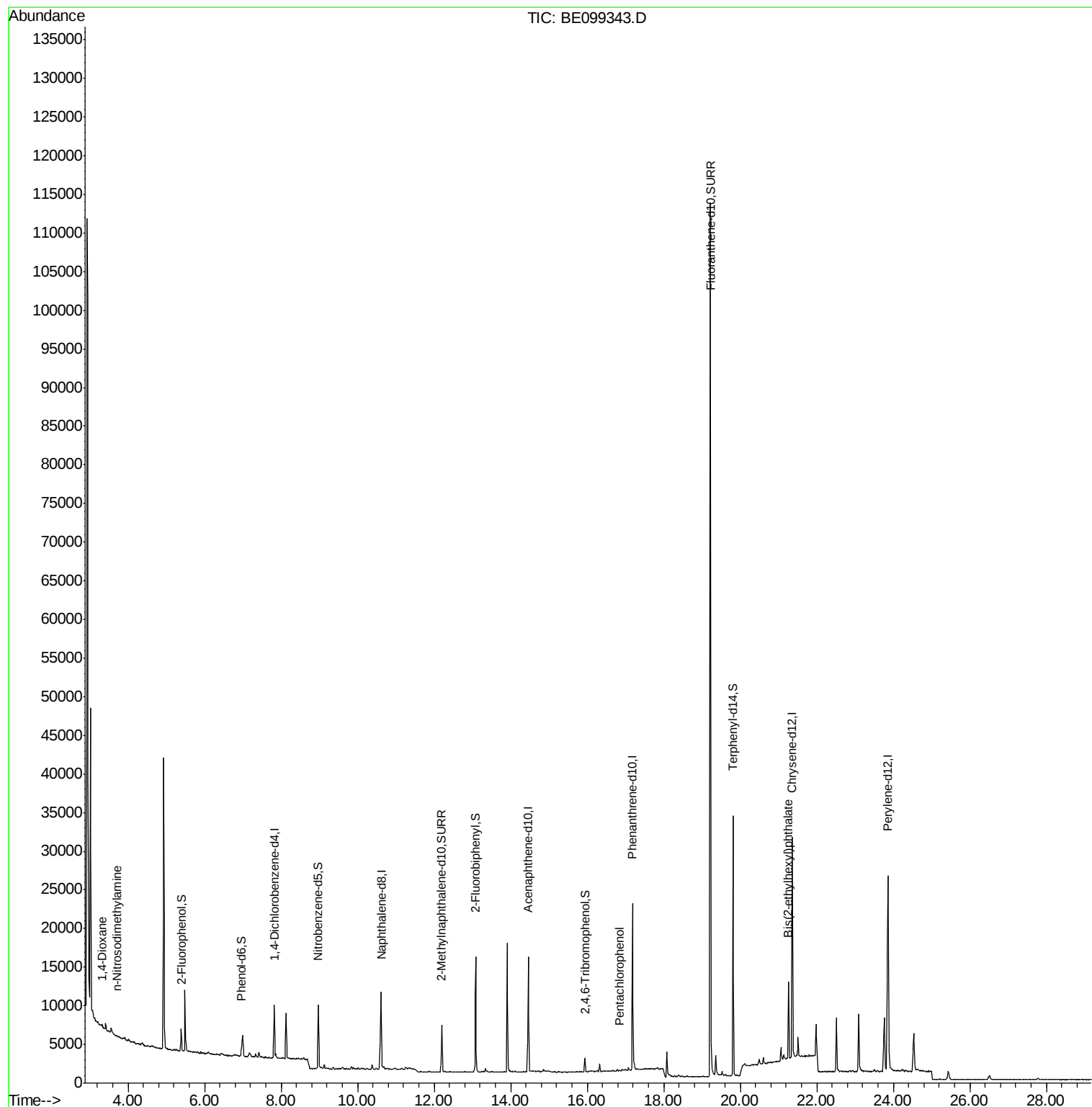
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3539	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	12846	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	8994	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	29024	0.40	ng	0.00
27) Chrysene-d12	21.35	240	34184	0.40	ng	-0.01
34) Perylene-d12	23.86	264	37882	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1476	0.17	ng	0.00
5) Phenol-d6	6.97	99	1151	0.09	ng	0.00
8) Nitrobenzene-d5	8.96	82	3992	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	9048	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1283	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	14102	0.40	ng	0.00
25) Fluoranthene-d10	19.22	212	153903	0.44	ng	0.00
29) Terphenyl-d14	19.81	244	29687	0.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	522	0.105	ng	# 42
3) n-Nitrosodimethylamine	3.71	42	60	0.023	ng	# 1
22) Pentachlorophenol	16.84	266	32	0.225	ng	93
32) Bis(2-ethylhexyl)phthalate	21.26	149	14504	0.159	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: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099343.D

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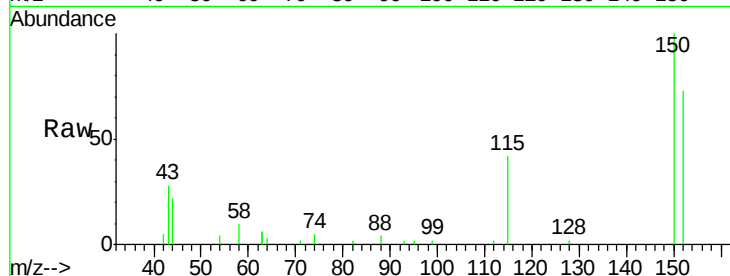
Tgt Ion:152 Resp: 3539

Ion Ratio Lower Upper

152 100

150 136.6 119.5 179.3

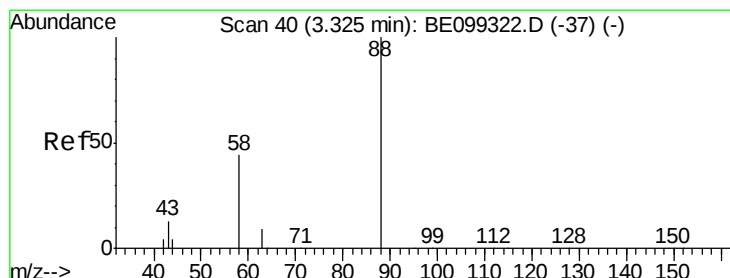
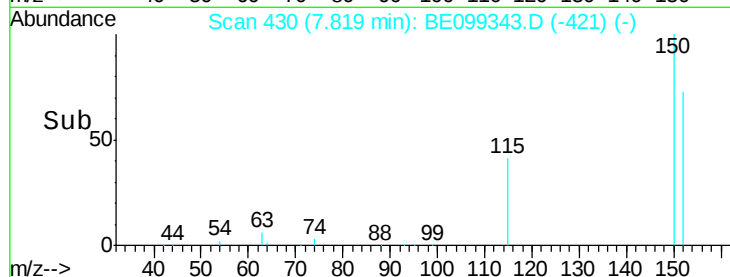
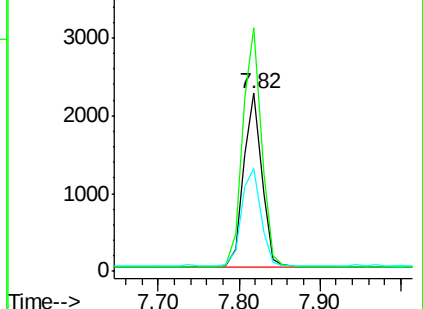
115 57.9 47.5 71.3



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: 0.105 ng

RT: 3.33 min Scan# 40

Delta R.T. 0.00 min

Lab File: BE099343.D

Acq: 18 Apr 2019 18:42

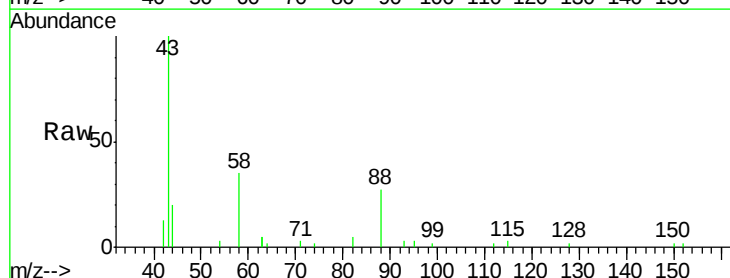
Tgt Ion: 88 Resp: 522

Ion Ratio Lower Upper

88 100

58 108.6 49.1 73.7#

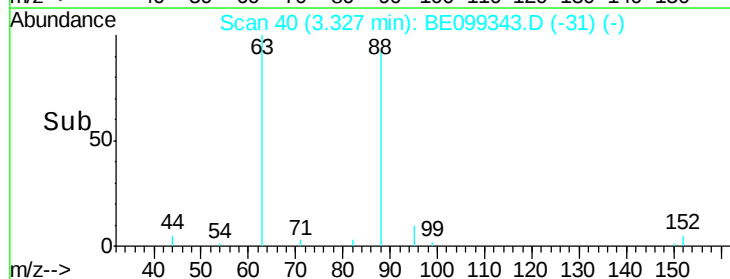
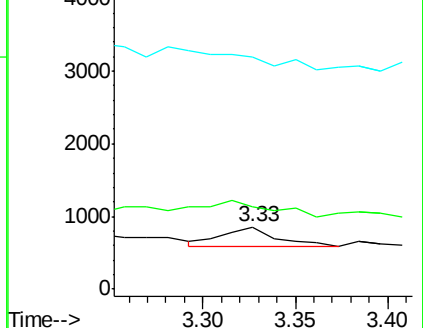
43 0.0 17.9 26.9#

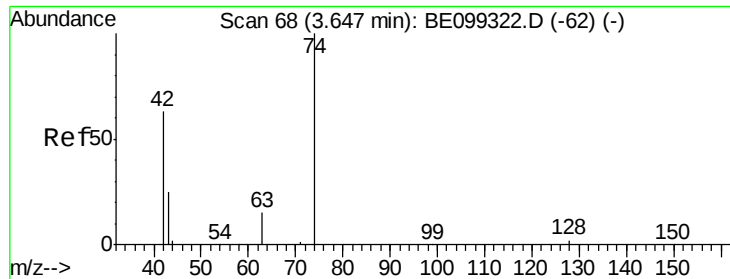


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.05 min

Lab File: BE099343.D

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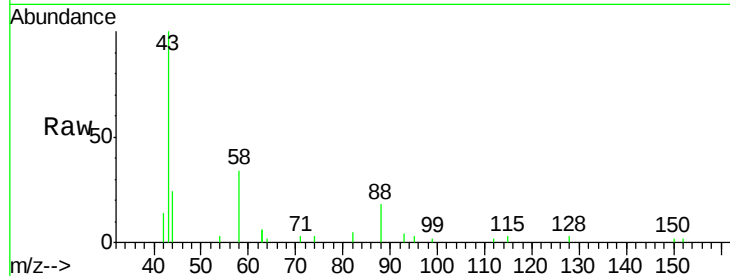
Tgt Ion: 42 Resp: 60

Ion Ratio Lower Upper

42 100

74 0.0 145.8 218.8#

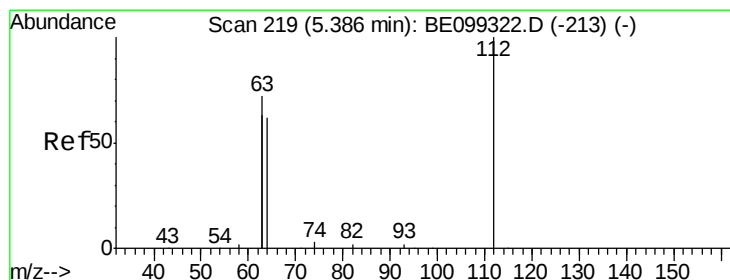
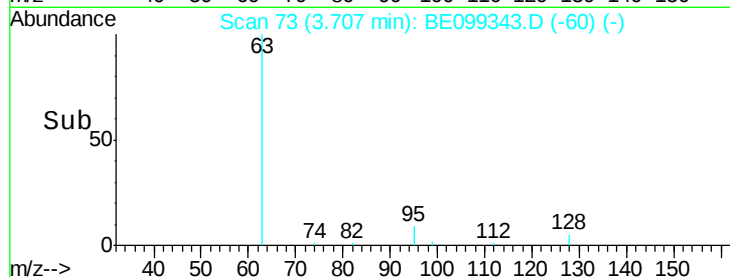
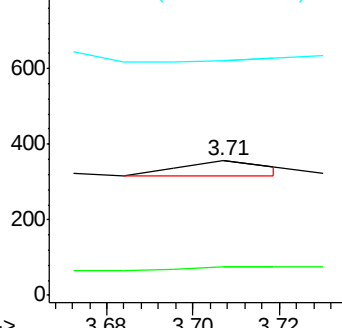
44 0.0 9.0 13.4#



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: 0.171 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099343.D

Acq: 18 Apr 2019 18:42

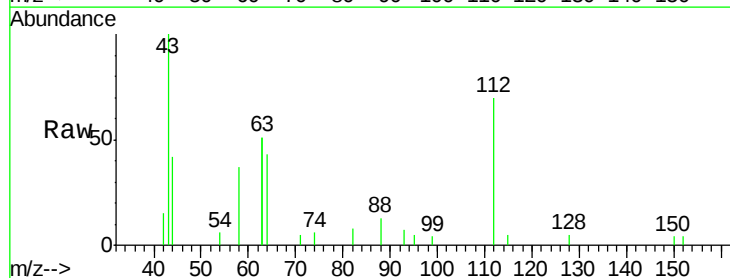
Tgt Ion: 112 Resp: 1476

Ion Ratio Lower Upper

112 100

64 59.3 44.9 67.3

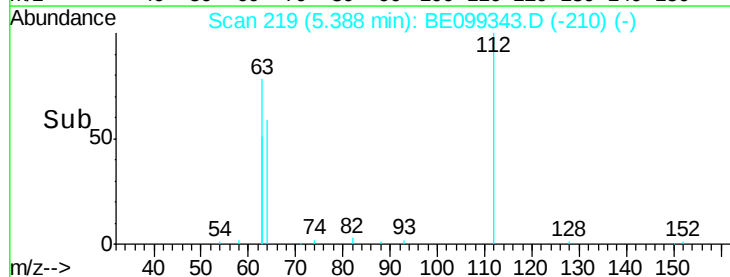
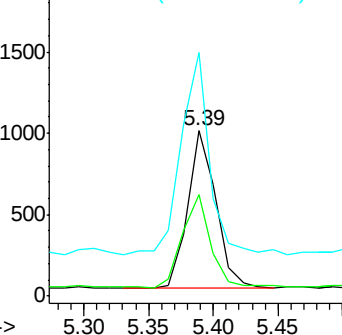
63 128.7 97.4 146.0

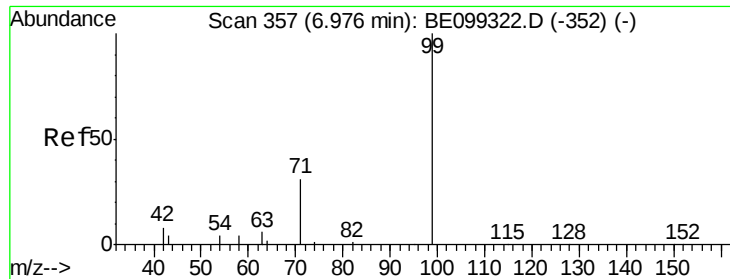


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.093 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099343.D

Acq: 18 Apr 2019 18:42

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KY038PS036-190415

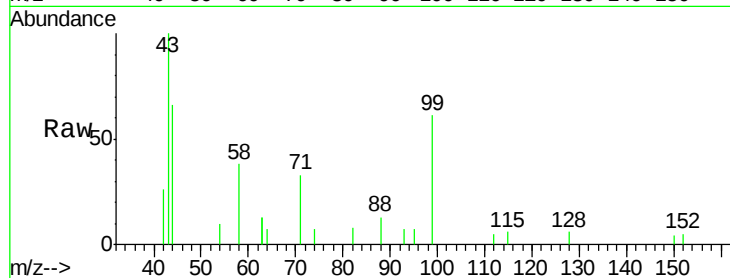
Tgt Ion: 99 Resp: 1151

Ion Ratio Lower Upper

99 100

42 23.5 11.7 17.5#

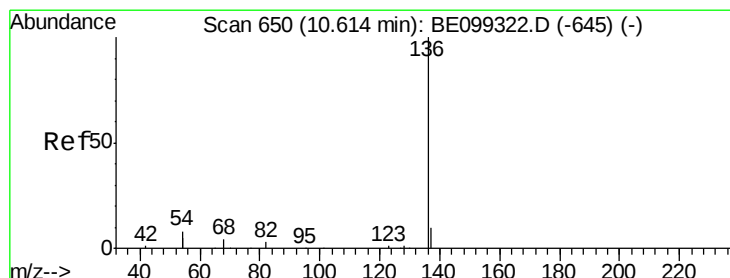
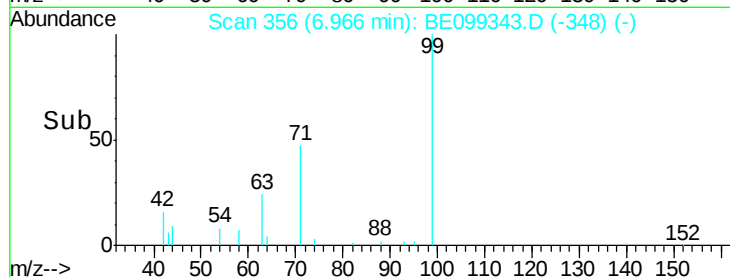
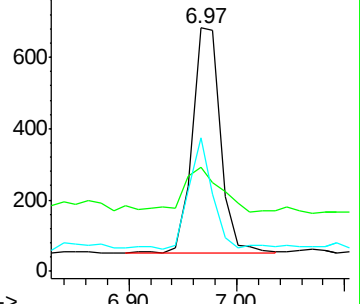
71 40.6 29.6 44.4



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099343.D

Acq: 18 Apr 2019 18:42

Tgt Ion: 136 Resp: 12846

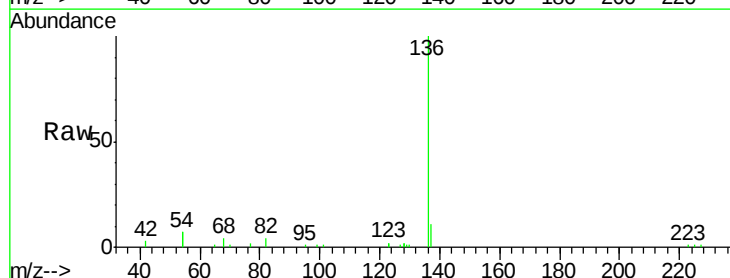
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 14.1 23.8 35.8#

68 4.3 6.4 9.6#

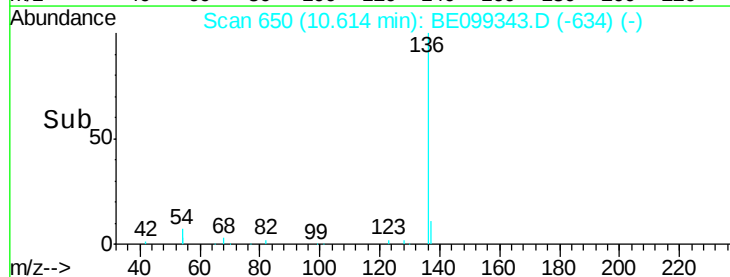
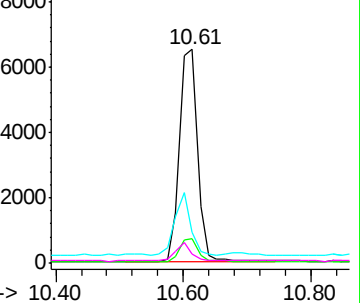


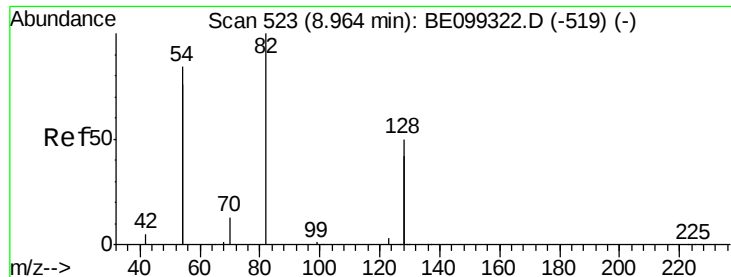
Abundance Ion 136.00 (135.70 to 136.70): E

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

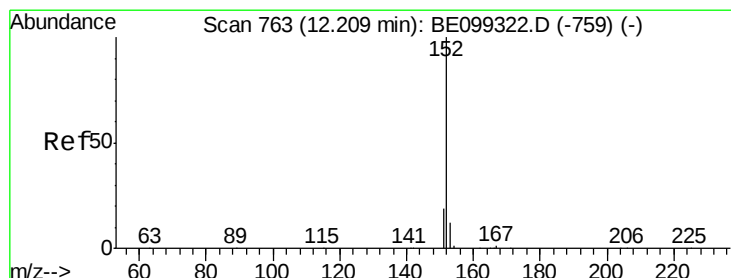
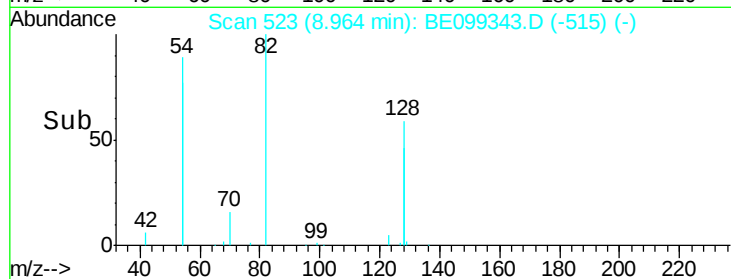
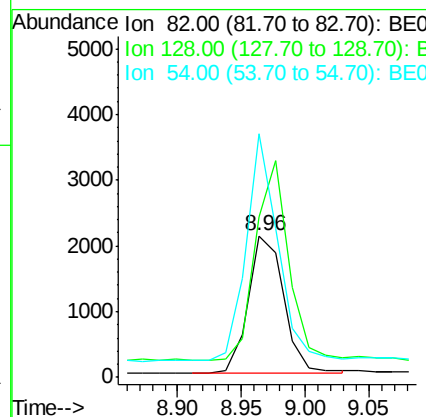
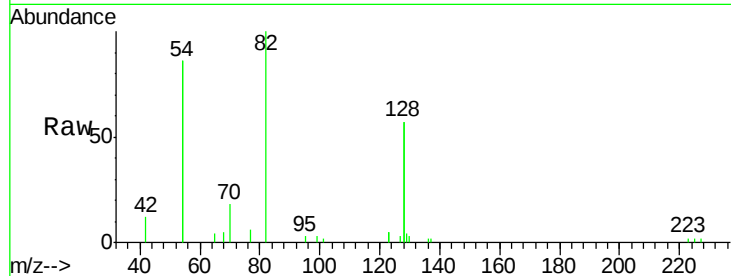




#8
 Nitrobenzene-d5
 Concen: 0.400 ng
 RT: 8.96 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BE099343.D
 Acq: 18 Apr 2019 18:42

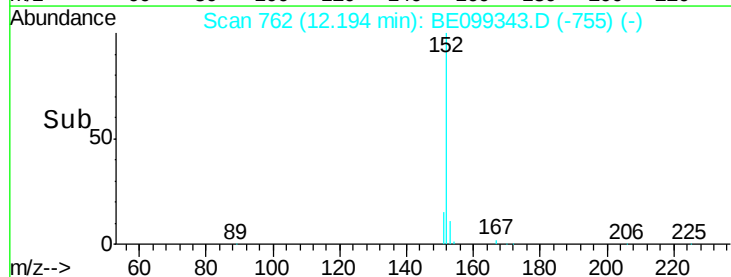
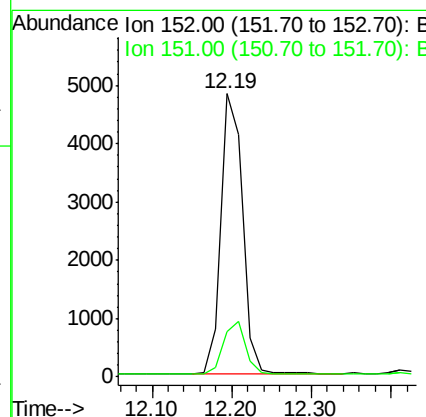
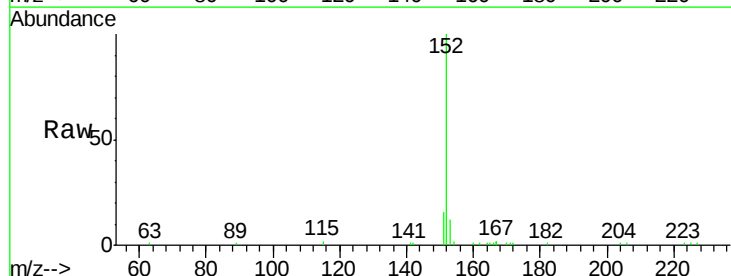
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-190415

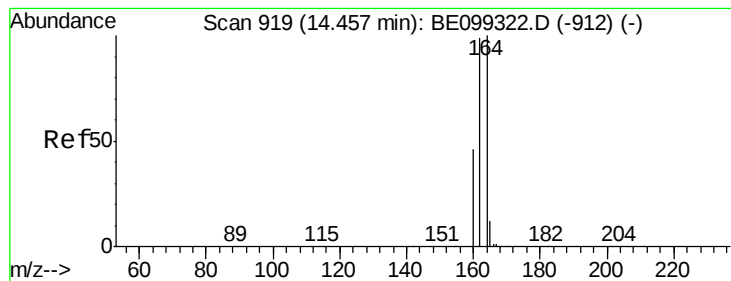
Tgt Ion: 82 Resp: 3992
 Ion Ratio Lower Upper
 82 100
 128 113.1 91.7 137.5
 54 171.8 122.8 184.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.399 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099343.D
 Acq: 18 Apr 2019 18:42

Tgt Ion: 152 Resp: 9048
 Ion Ratio Lower Upper
 152 100
 151 19.2 14.9 22.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099343.D

Acq: 18 Apr 2019 18:42

Instrument :

BNA_E

ClientSampleId :

KY038PS036-190415

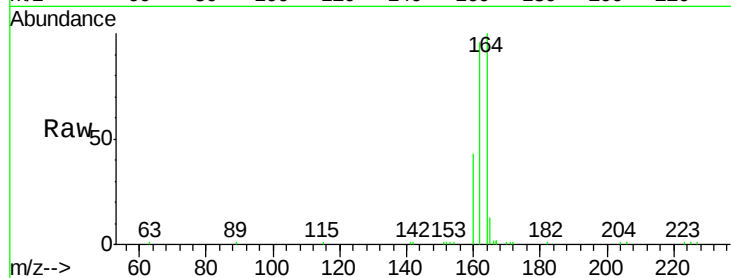
Tgt Ion:164 Resp: 8994

Ion Ratio Lower Upper

164 100

162 95.5 77.8 116.6

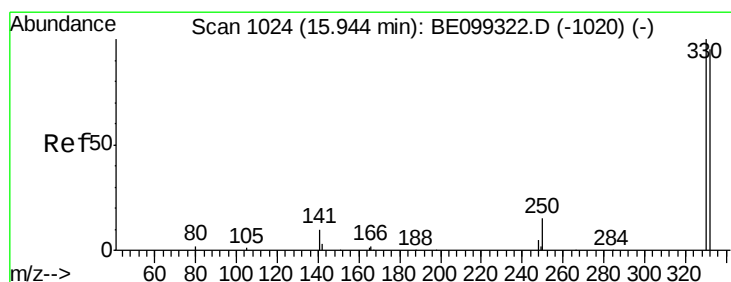
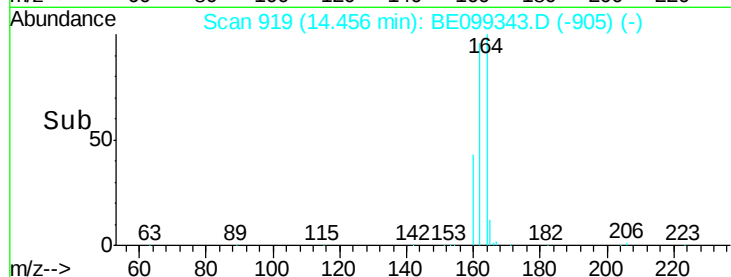
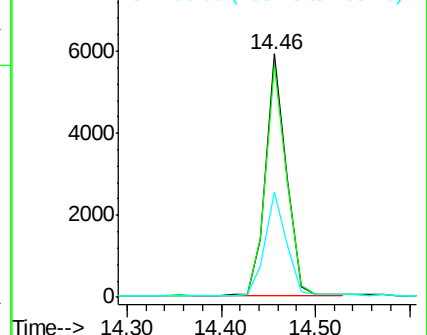
160 43.5 37.1 55.7



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: 0.429 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099343.D

Acq: 18 Apr 2019 18:42

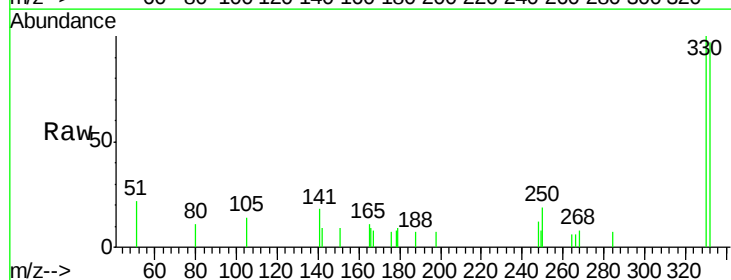
Tgt Ion:330 Resp: 1283

Ion Ratio Lower Upper

330 100

332 98.8 82.5 123.7

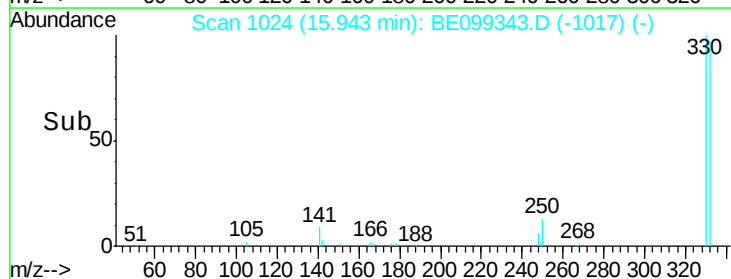
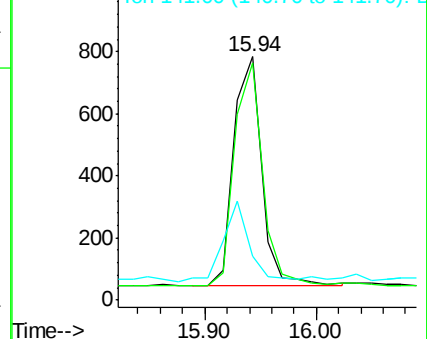
141 33.8 24.9 37.3

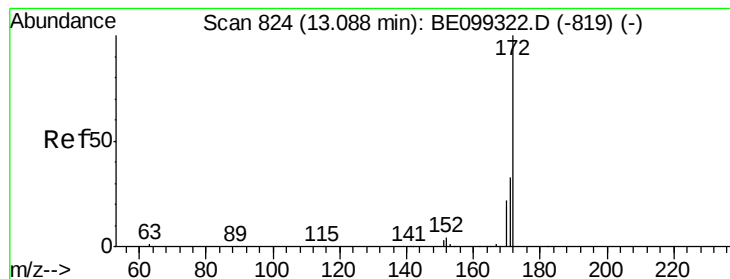


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.399 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099343.D

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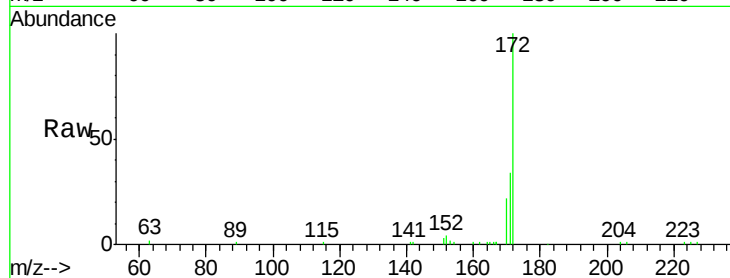
Tgt Ion:172 Resp: 14102

Ion Ratio Lower Upper

172 100

171 33.8 26.2 39.2

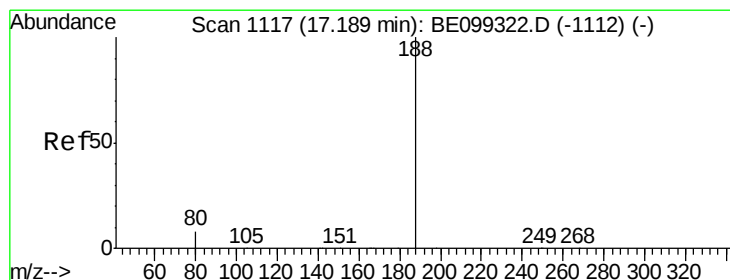
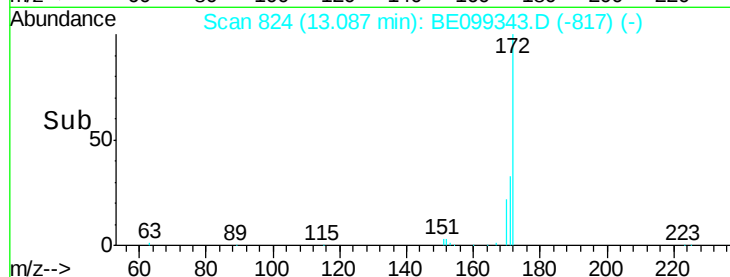
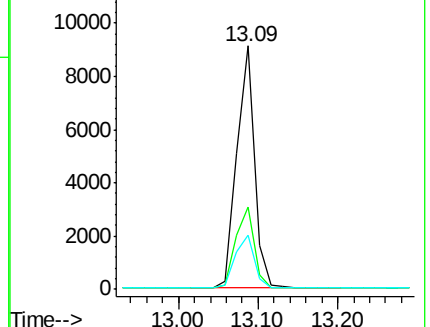
170 22.4 18.1 27.1



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: BE099343.D

Acq: 18 Apr 2019 18:42

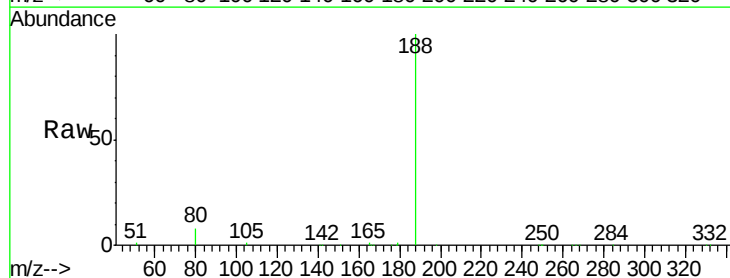
Tgt Ion:188 Resp: 29024

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

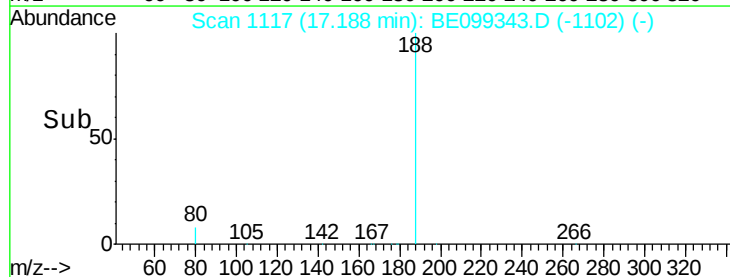
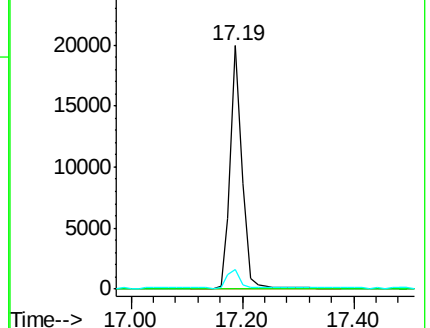
80 8.2 6.2 9.4

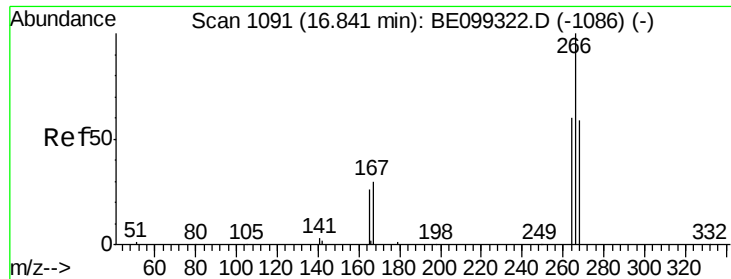


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

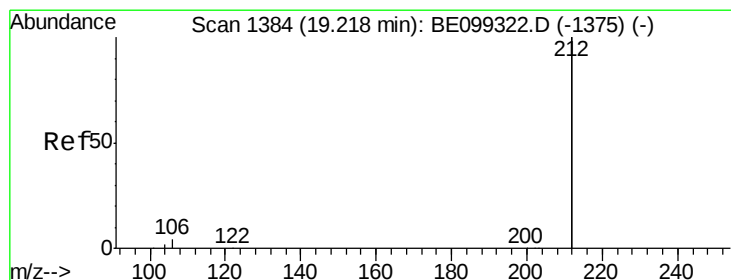
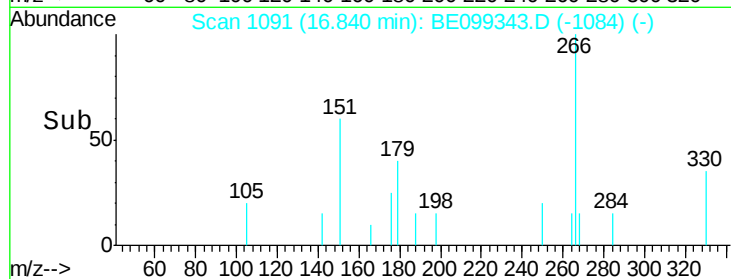
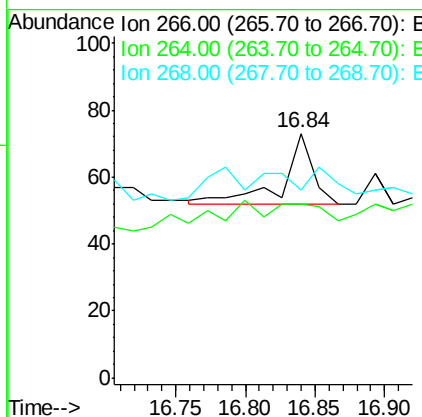
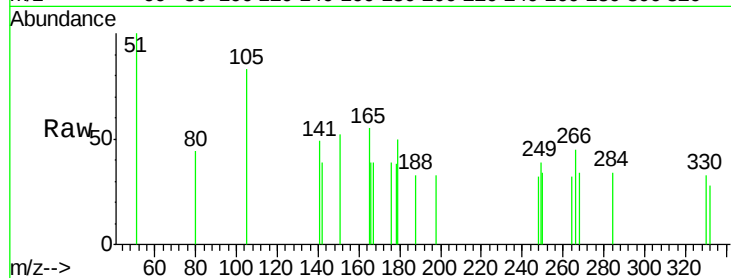




#22
 Pentachlorophenol
 Concen: 0.225 ng
 RT: 16.84 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: BE099343.D
 Acq: 18 Apr 2019 18:42

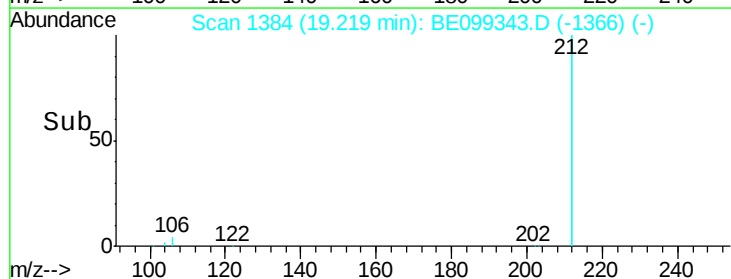
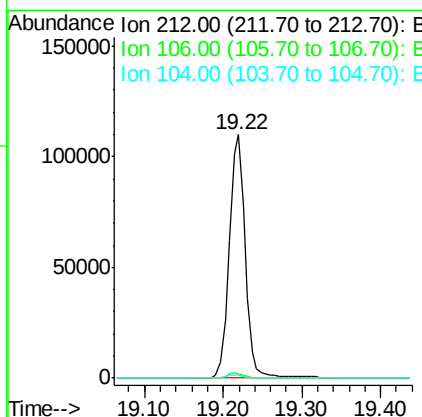
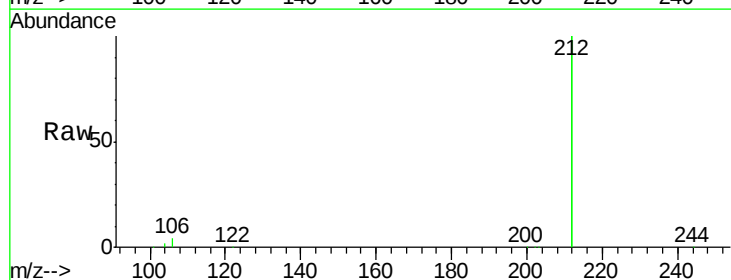
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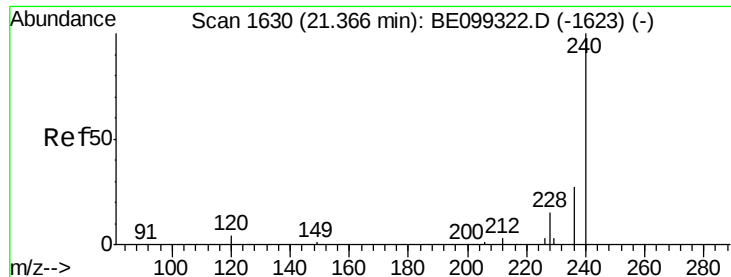
Tgt Ion: 266 Resp: 32
 Ion Ratio Lower Upper
 266 100
 264 71.2 54.5 81.7
 268 76.7 54.3 81.5



#25
 Fluoranthene-d10
 Concen: 0.441 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BE099343.D
 Acq: 18 Apr 2019 18:42

Tgt Ion: 212 Resp: 153903
 Ion Ratio Lower Upper
 212 100
 106 2.2 1.8 2.6
 104 1.3 1.0 1.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BE099343.D

Acq: 18 Apr 2019 18:42

Instrument :

BNA_E

ClientSampleId :

KY038PS036-190415

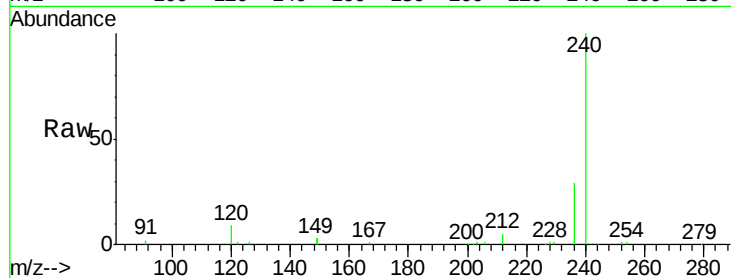
Tgt Ion:240 Resp: 34184

Ion Ratio Lower Upper

240 100

120 9.2 2.2 3.2#

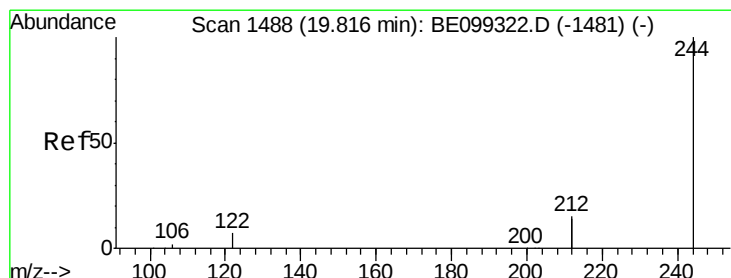
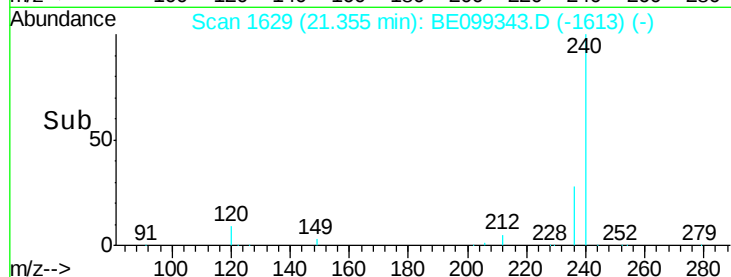
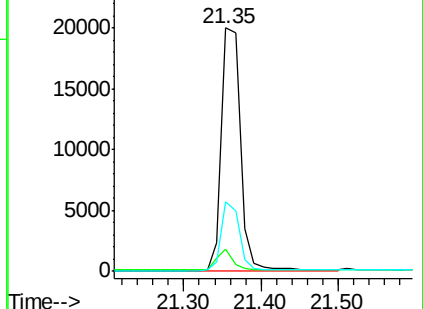
236 28.5 20.2 30.4



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: 0.441 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE099343.D

Acq: 18 Apr 2019 18:42

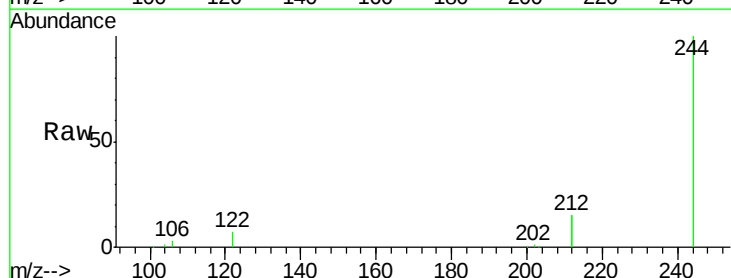
Tgt Ion:244 Resp: 29687

Ion Ratio Lower Upper

244 100

212 30.7 22.6 33.8

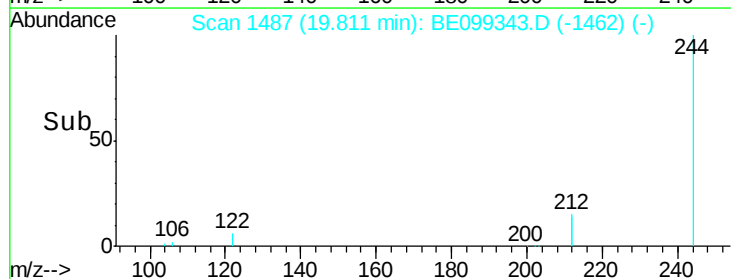
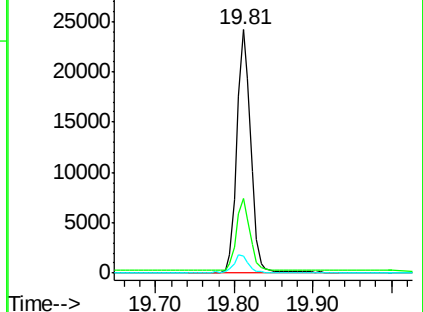
122 6.9 4.6 7.0

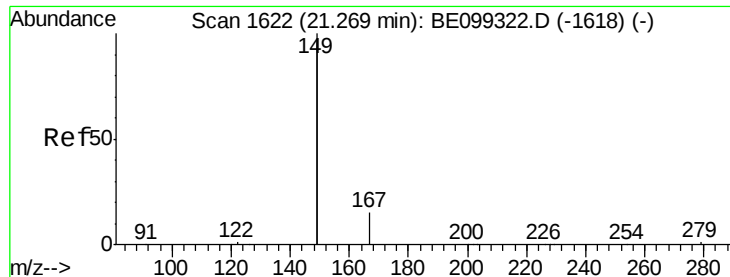


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.159 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE099343.D

Acq: 18 Apr 2019 18:42

Instrument :

BNA_E

ClientSampleId :

KY038PS036-190415

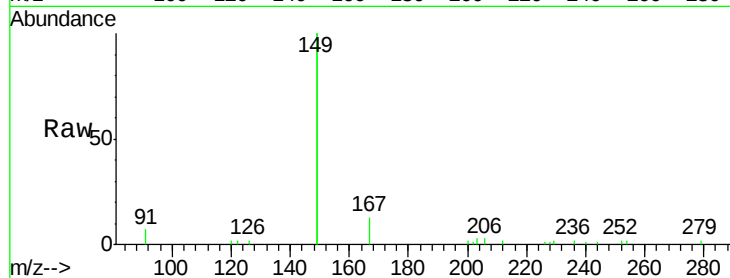
Tgt Ion:149 Resp: 14504

Ion Ratio Lower Upper

149 100

167 6.9 6.0 9.0

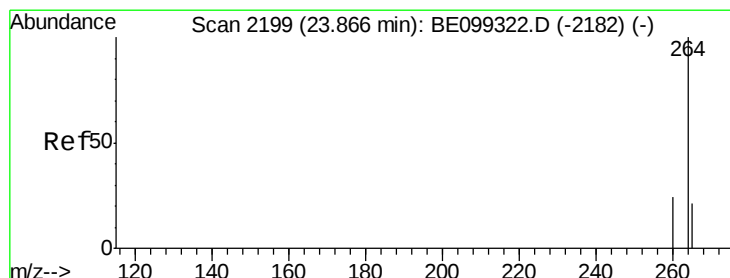
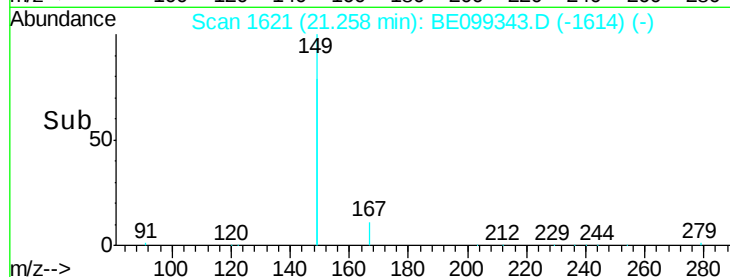
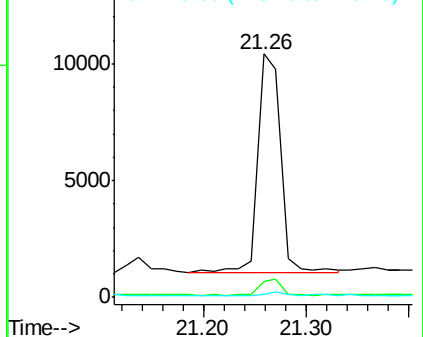
279 1.2 1.1 1.7



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: BE099343.D

Acq: 18 Apr 2019 18:42

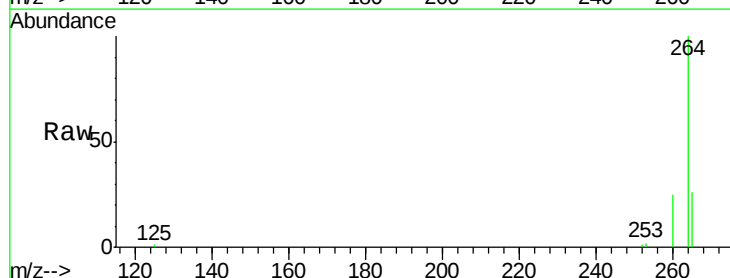
Tgt Ion:264 Resp: 37882

Ion Ratio Lower Upper

264 100

260 25.3 20.1 30.1

265 25.6 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

