

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
 Data File : BE099222.D
 Acq On : 26 Mar 2019 19:27
 Operator : JU/SJ
 Sample : K2020-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-190318

Quant Time: Mar 27 08:51:13 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	7.84	152	3216	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14599	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	11121	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	30938	0.40	ng	0.00
27) Chrysene-d12	21.38	240	34386	0.40	ng	-0.01
34) Perylene-d12	23.90	264	30846	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	1575	0.16	ng	0.00
5) Phenol-d6	6.99	99	1363	0.09	ng	0.00
8) Nitrobenzene-d5	8.99	82	4297	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	10354	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1537	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	17484	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	147931	0.39	ng	0.00
29) Terphenyl-d14	19.83	244	29213	0.39	ng	0.00

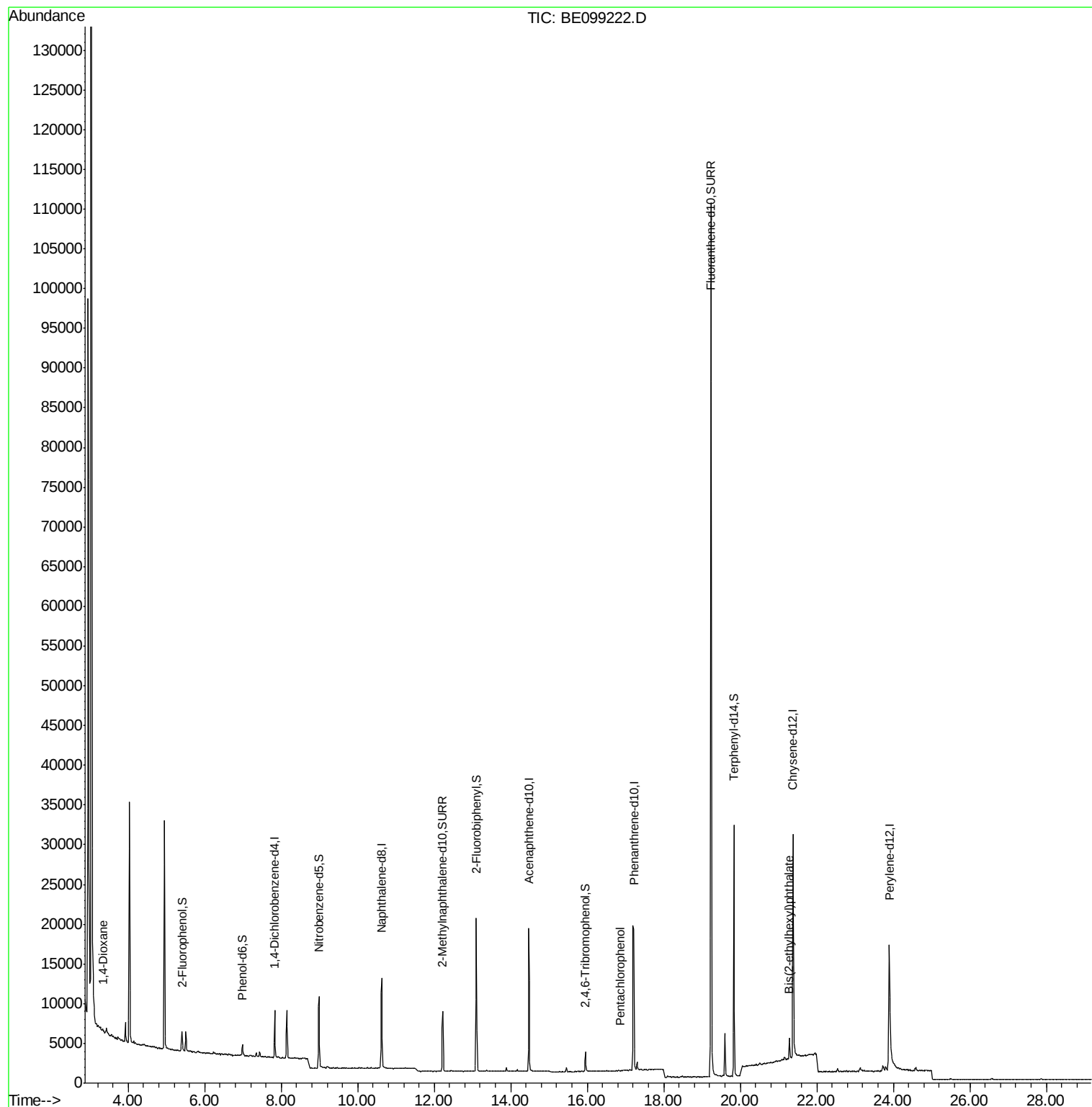
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	324	0.076	ng	# 1
22) Pentachlorophenol	16.87	266	45	0.255	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.28	149	4215	0.031	ng	# 99

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

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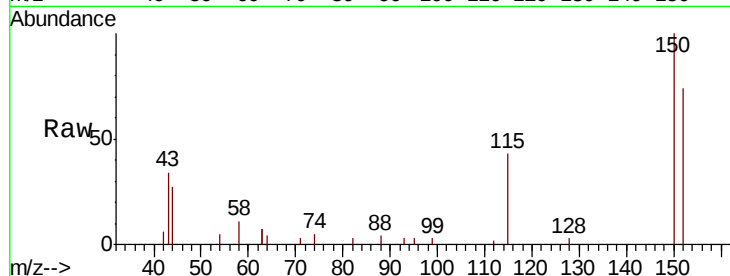


#1

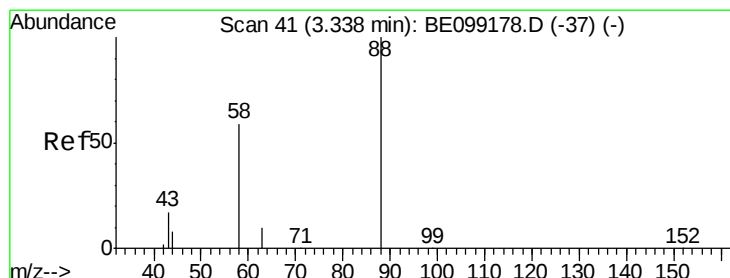
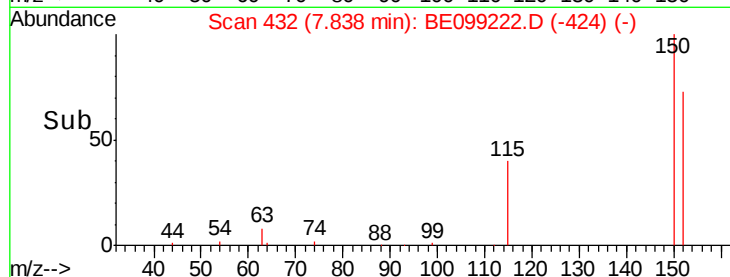
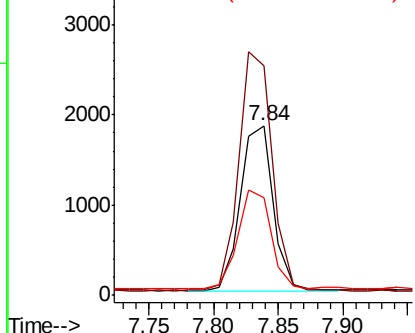
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099222.D
Acq: 26 Mar 2019 19:27

Instrument :
BNA_E
ClientSampleId :
KY038PS036-190318

Tgt Ion: 152 Resp: 3216
Ion Ratio Lower Upper
152 100
150 135.2 112.8 169.2
115 57.8 45.1 67.7



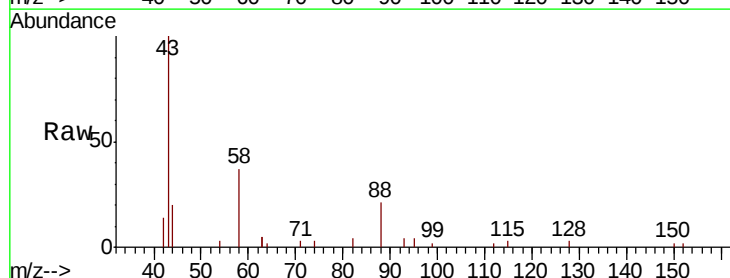
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



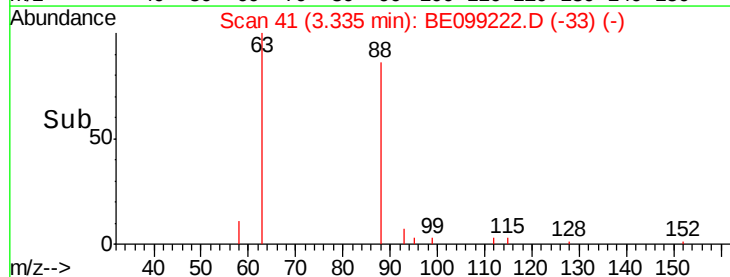
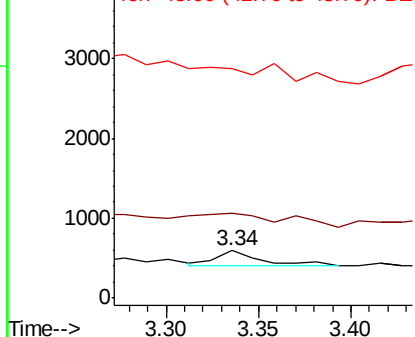
#2

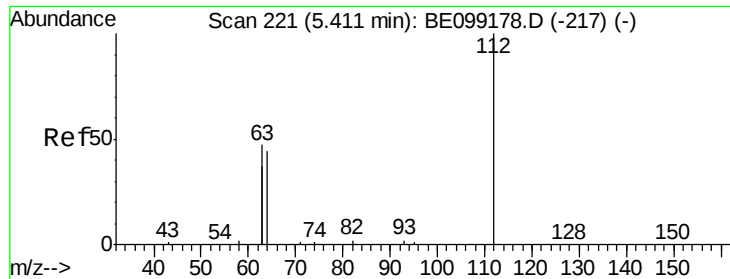
1,4-Dioxane
Concen: 0.076 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099222.D
Acq: 26 Mar 2019 19:27

Tgt Ion: 88 Resp: 324
Ion Ratio Lower Upper
88 100
58 182.1 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





#4

2-Fluorophenol

Concen: 0.164 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099222.D

Acq: 26 Mar 2019 19:27

Instrument :

BNA_E

ClientSampleId :

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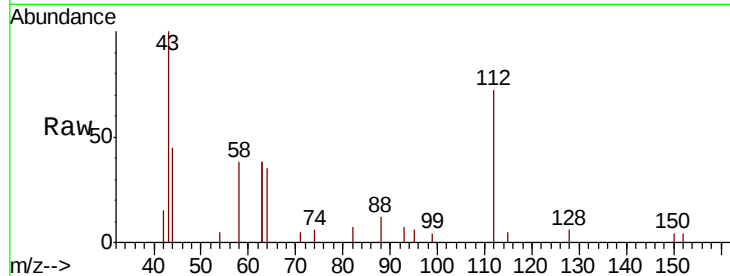
Tgt Ion: 112 Resp: 1575

Ion Ratio Lower Upper

112 100

64 58.7 46.2 69.2

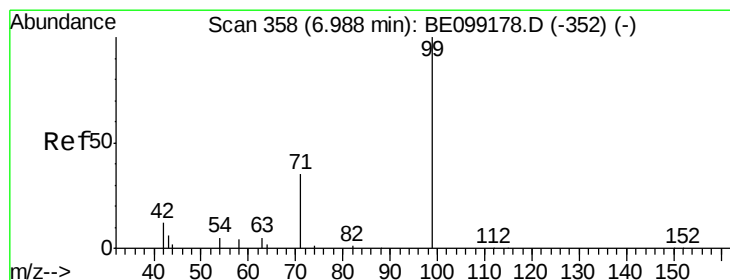
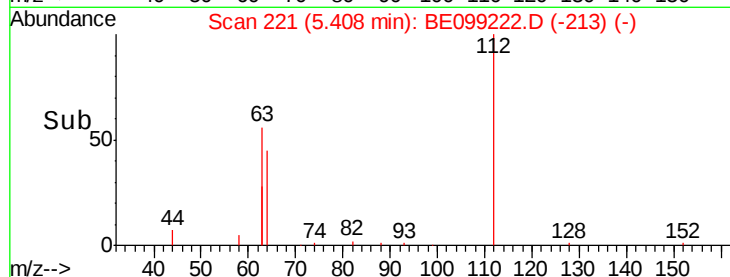
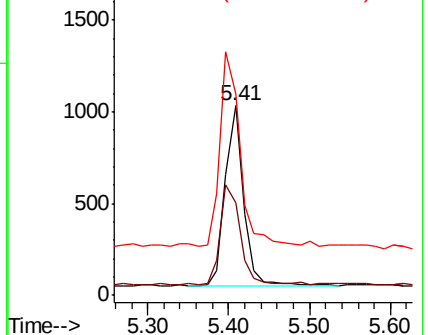
63 115.0 89.9 134.9



Abundance Ion 112.00 (111.70 to 112.70): BE099178.D (-217) (-)

Ion 64.00 (63.70 to 64.70): BE099178.D (-217) (-)

Ion 63.00 (62.70 to 63.70): BE099178.D (-217) (-)



#5

Phenol-d6

Concen: 0.093 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099222.D

Acq: 26 Mar 2019 19:27

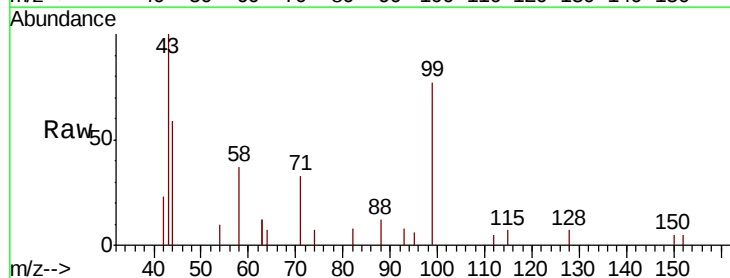
Tgt Ion: 99 Resp: 1363

Ion Ratio Lower Upper

99 100

42 18.8 12.4 18.6#

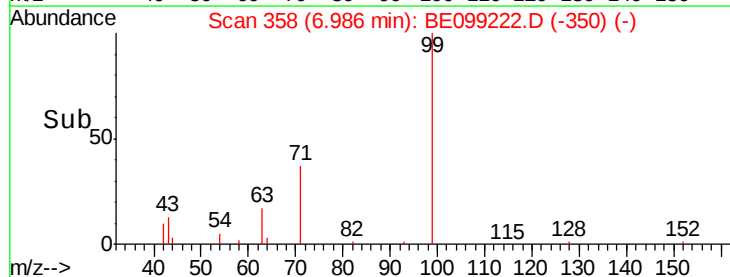
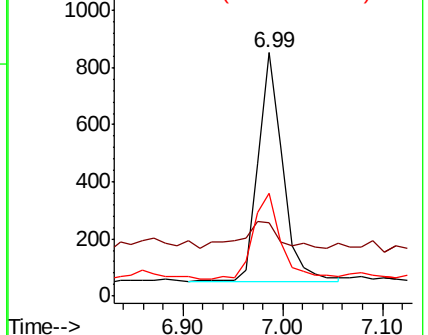
71 43.0 28.4 42.6#

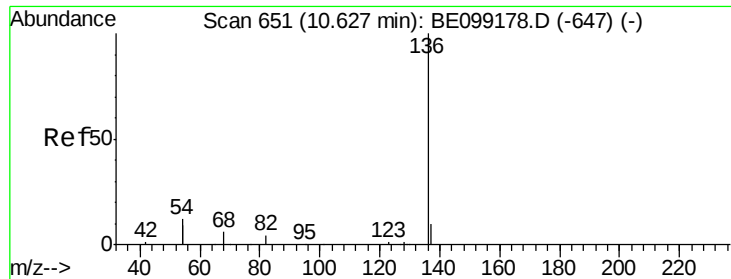


Abundance Ion 99.00 (98.70 to 99.70): BE099178.D (-352) (-)

Ion 42.00 (41.70 to 42.70): BE099178.D (-352) (-)

Ion 71.00 (70.70 to 71.70): BE099178.D (-352) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099222.D

Acq: 26 Mar 2019 19:27

Instrument :

BNA_E

ClientSampleId :

KY038PS036-190318

Tgt Ion:136 Resp: 14599

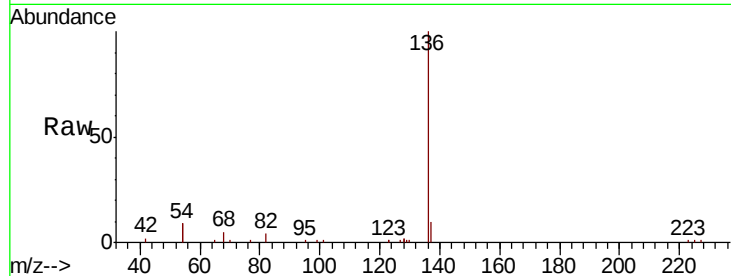
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 17.8 18.7 28.1#

68 5.1 5.2 7.8#

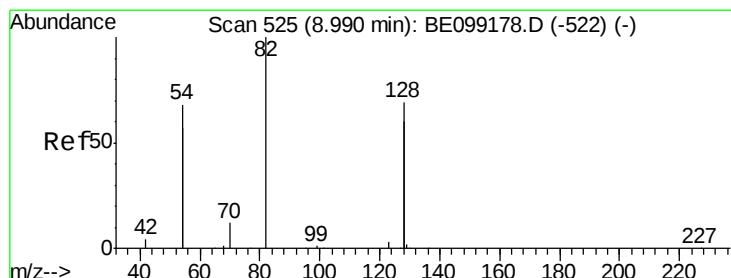
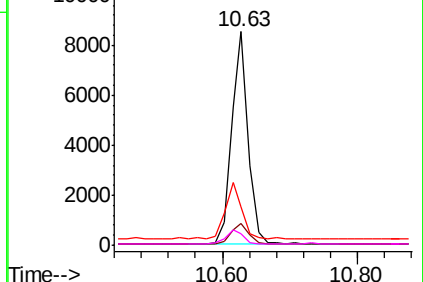
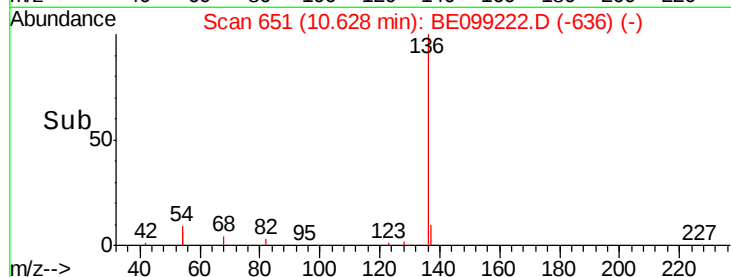


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.360 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099222.D

Acq: 26 Mar 2019 19:27

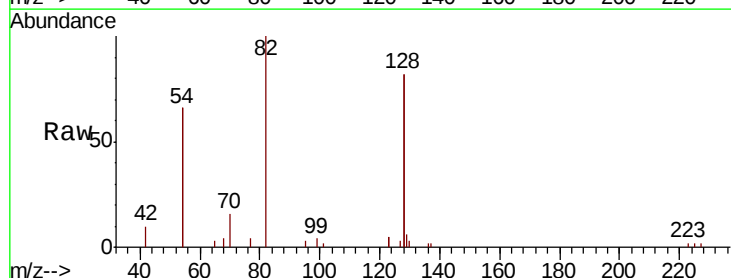
Tgt Ion: 82 Resp: 4297

Ion Ratio Lower Upper

82 100

128 163.2 107.5 161.3#

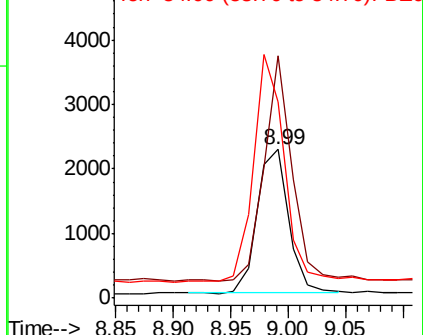
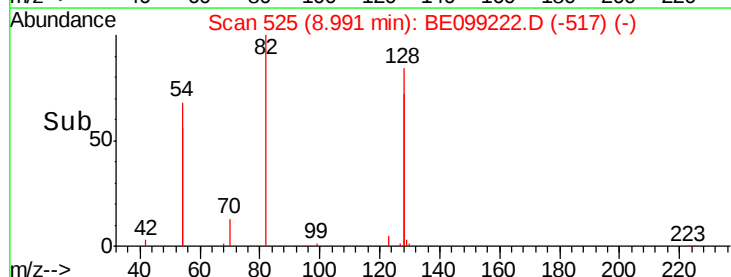
54 131.7 106.3 159.5

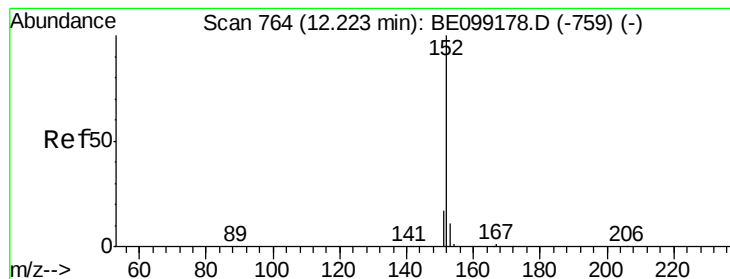


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.368 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099222.D

Acq: 26 Mar 2019 19:27

Instrument :

BNA_E

ClientSampleId :

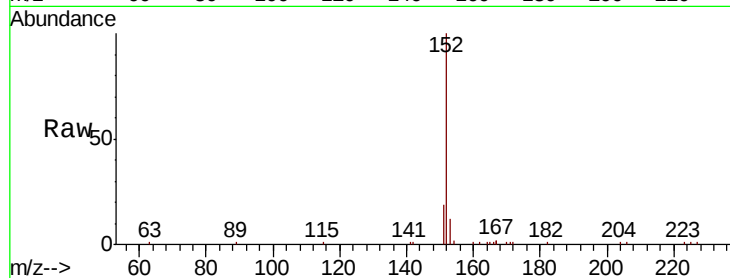
KY038PS036-190318

Tgt Ion:152 Resp: 10354

Ion Ratio Lower Upper

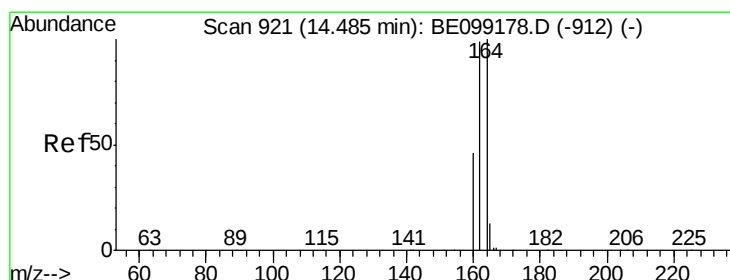
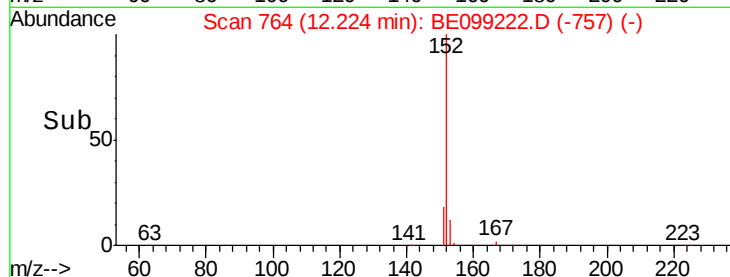
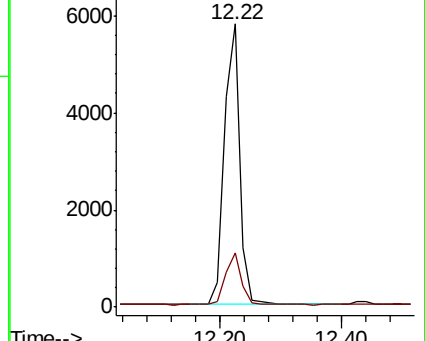
152 100

151 19.3 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: BE099222.D

Acq: 26 Mar 2019 19:27

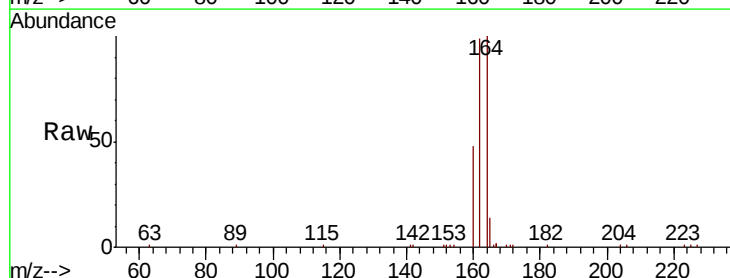
Tgt Ion:164 Resp: 11121

Ion Ratio Lower Upper

164 100

162 99.2 79.2 118.8

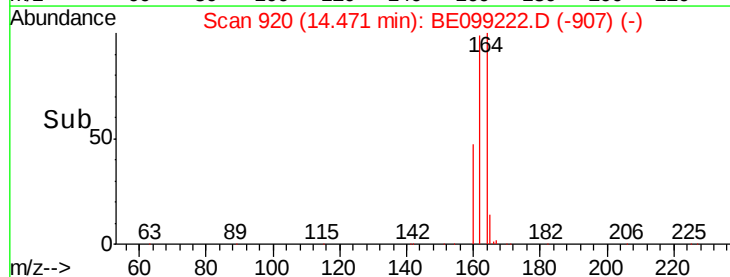
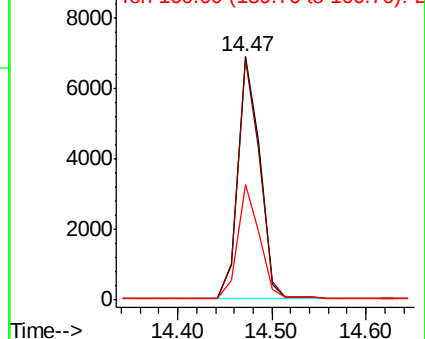
160 47.6 36.7 55.1

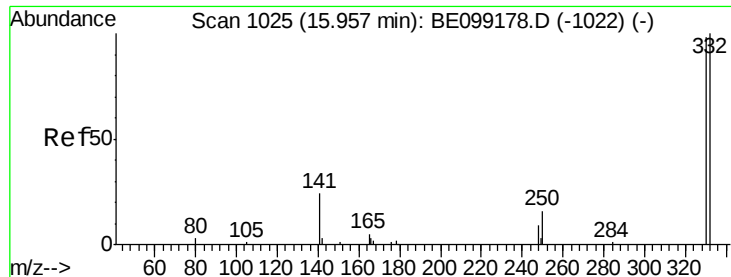


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.472 ng

RT: 15.96 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE099222.D

Acq: 26 Mar 2019 19:27

Instrument :

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KY038PS036-190318

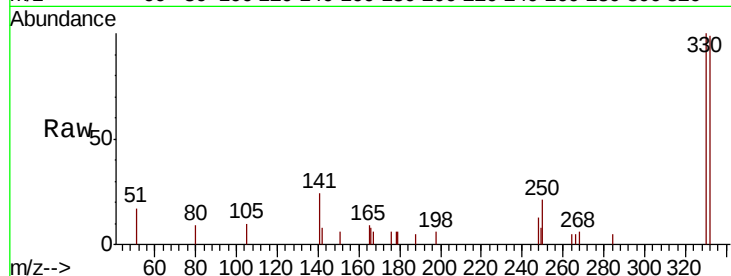
Tgt Ion:330 Resp: 1537

Ion Ratio Lower Upper

330 100

332 103.3 71.3 106.9

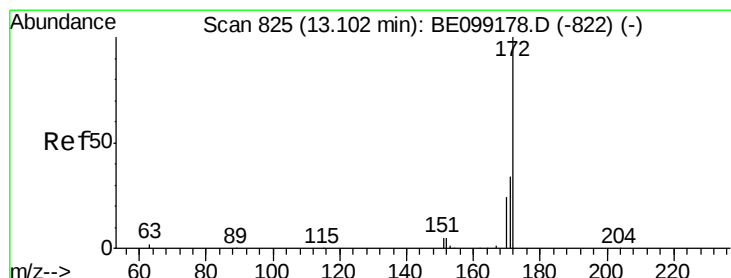
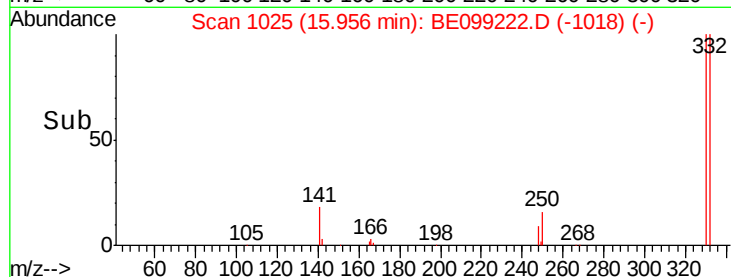
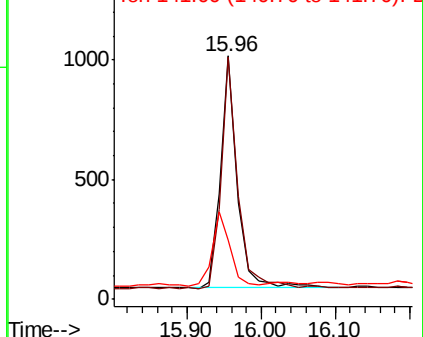
141 33.2 21.7 32.5#



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: 0.386 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099222.D

Acq: 26 Mar 2019 19:27

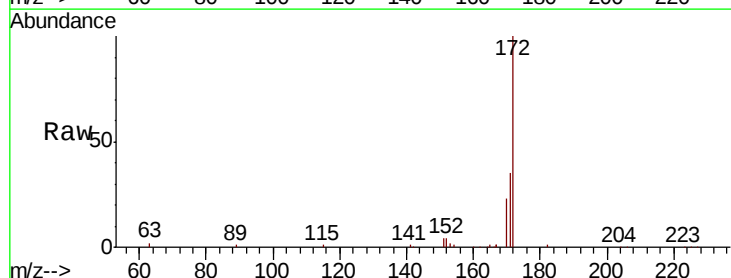
Tgt Ion:172 Resp: 17484

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

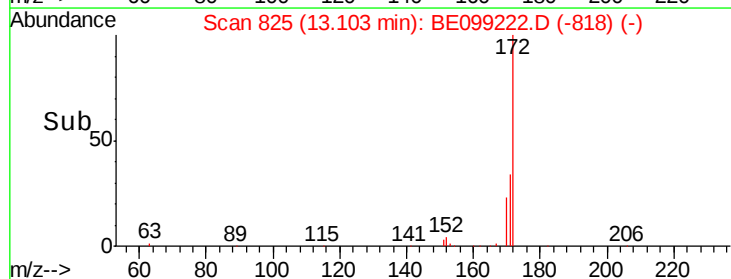
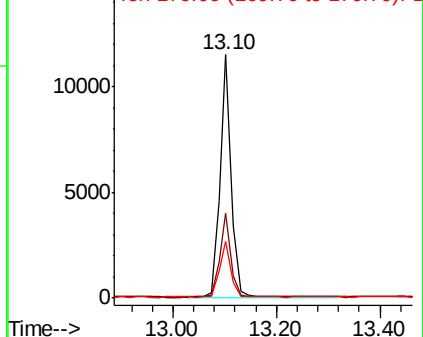
170 23.2 19.1 28.7

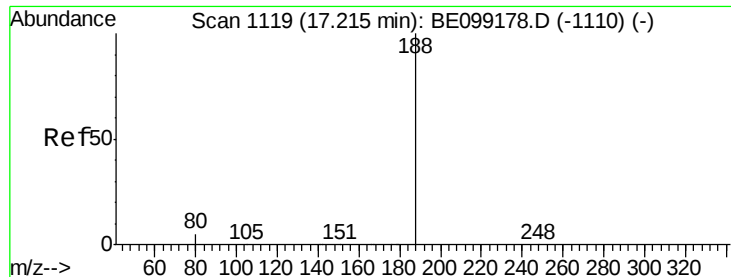


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099222.D

Acq: 26 Mar 2019 19:27

Instrument :

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KY038PS036-190318

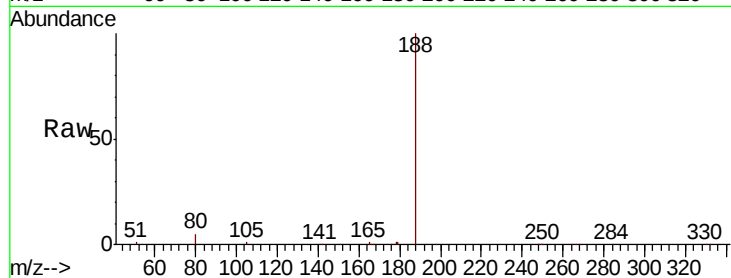
Tgt Ion:188 Resp: 30938

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

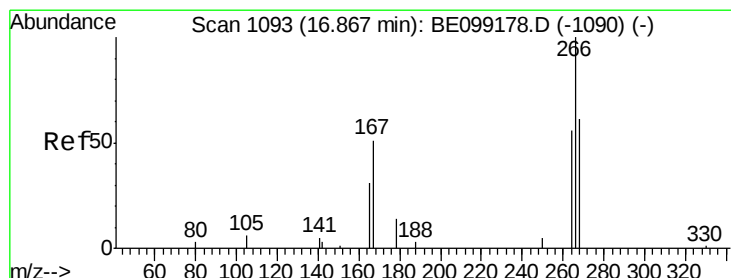
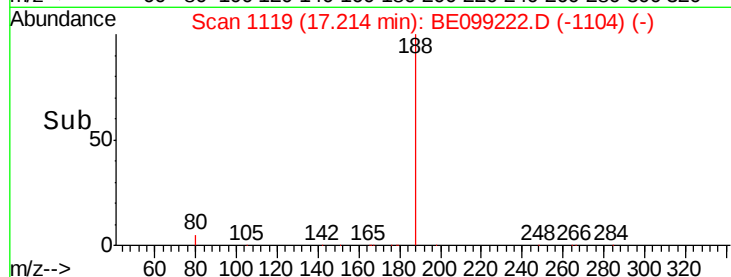
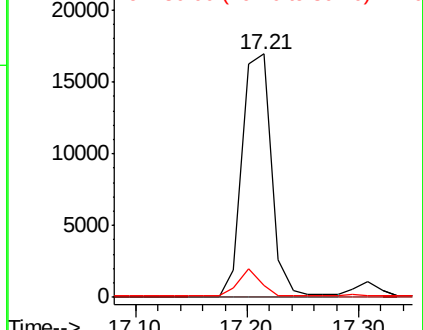
80 5.0 4.5 6.7



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: 0.255 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE099222.D

Acq: 26 Mar 2019 19:27

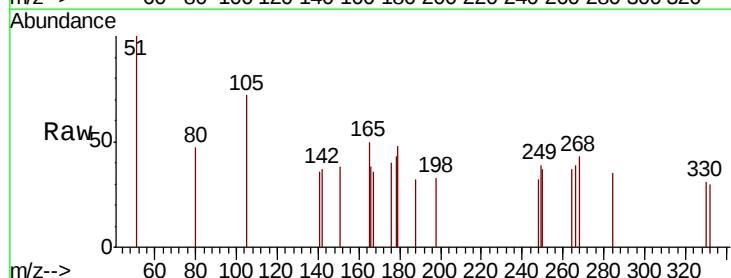
Tgt Ion:266 Resp: 45

Ion Ratio Lower Upper

266 100

264 95.2 54.4 81.6#

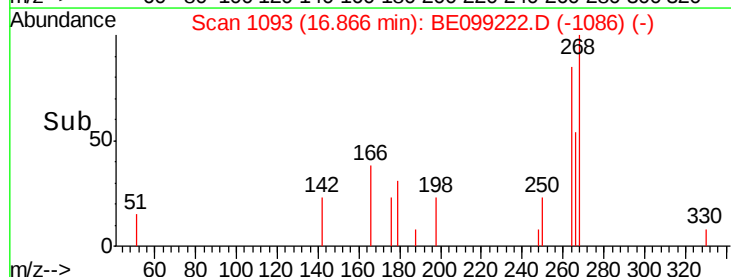
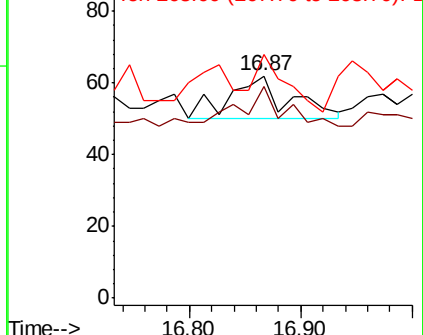
268 109.7 61.3 91.9#

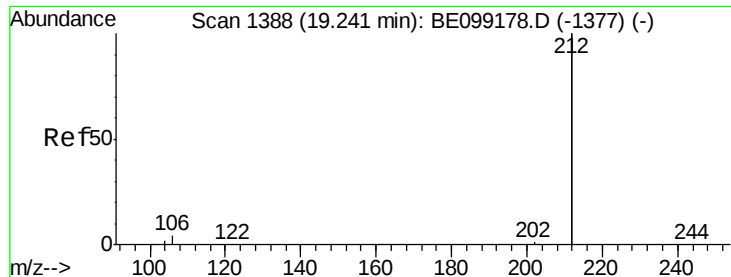


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.395 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099222.D

Acq: 26 Mar 2019 19:27

Instrument :

BNA_E

ClientSampleId :

KY038PS036-190318

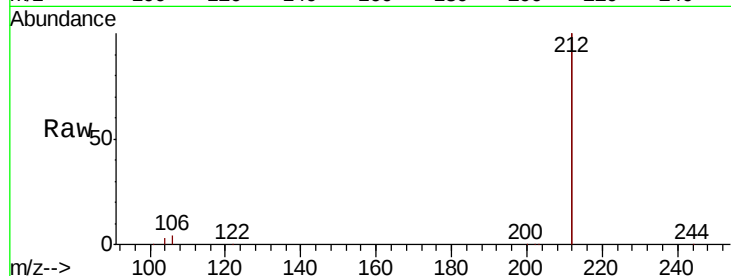
Tgt Ion:212 Resp: 147931

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

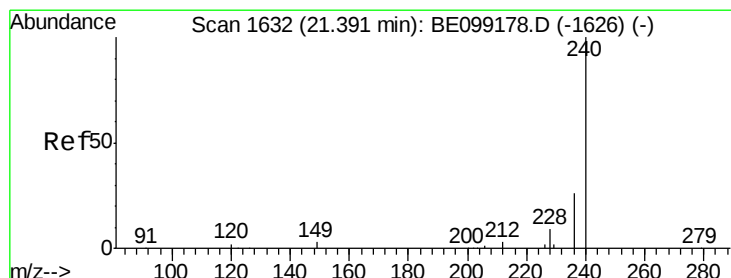
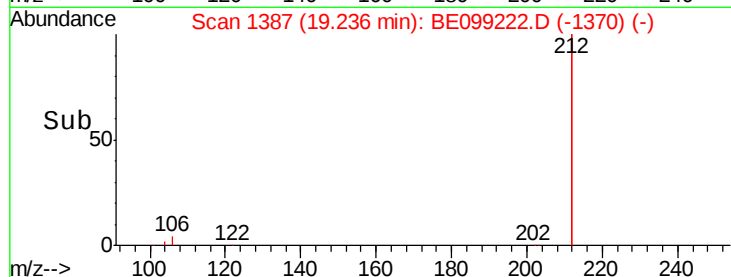
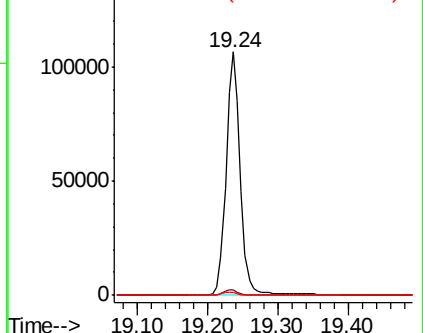
104 1.3 1.1 1.7



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# 1631

Delta R.T. -0.01 min

Lab File: BE099222.D

Acq: 26 Mar 2019 19:27

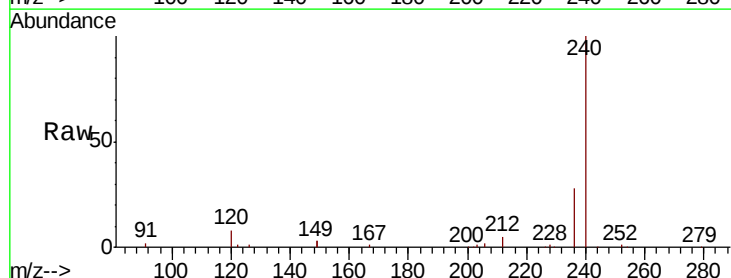
Tgt Ion:240 Resp: 34386

Ion Ratio Lower Upper

240 100

120 7.9 2.6 3.8#

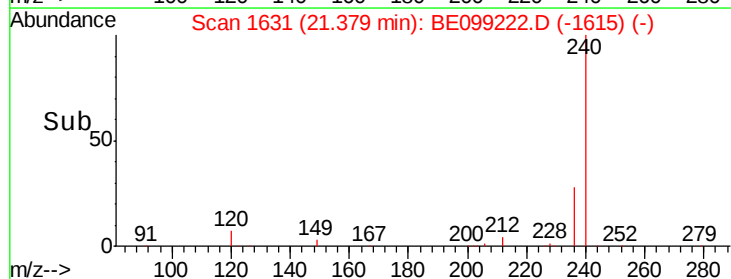
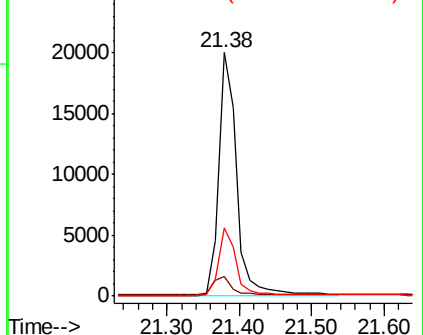
236 28.1 20.9 31.3

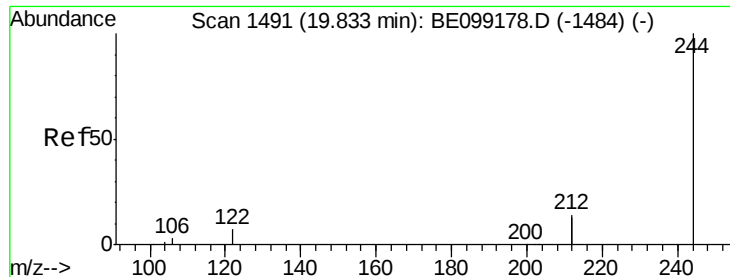


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099222.D

Acq: 26 Mar 2019 19:27

Instrument :

BNA_E

ClientSampleId :

KY038PS036-190318

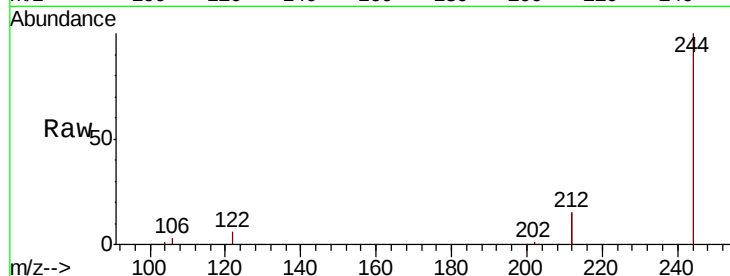
Tgt Ion:244 Resp: 29213

Ion Ratio Lower Upper

244 100

212 29.8 22.7 34.1

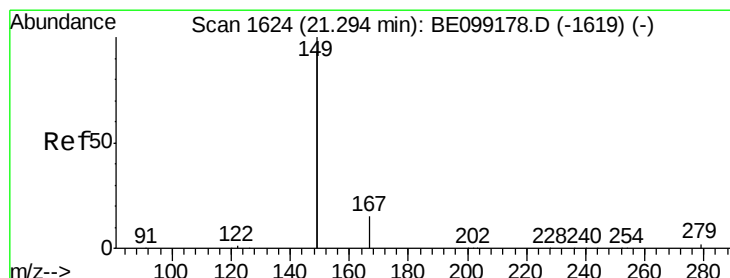
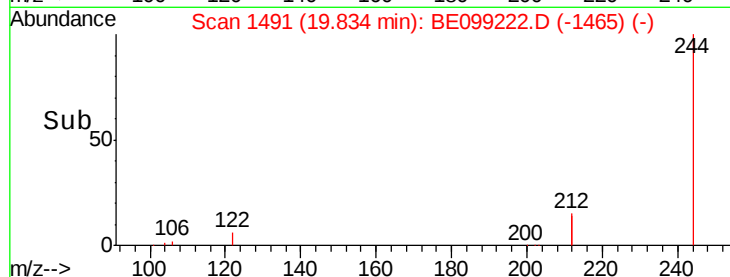
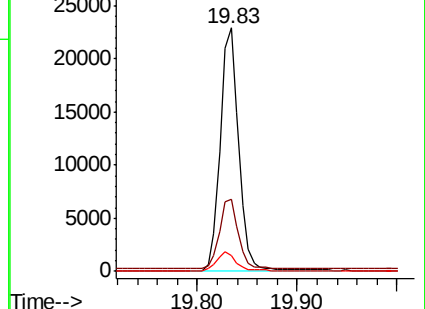
122 6.4 5.8 8.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.031 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099222.D

Acq: 26 Mar 2019 19:27

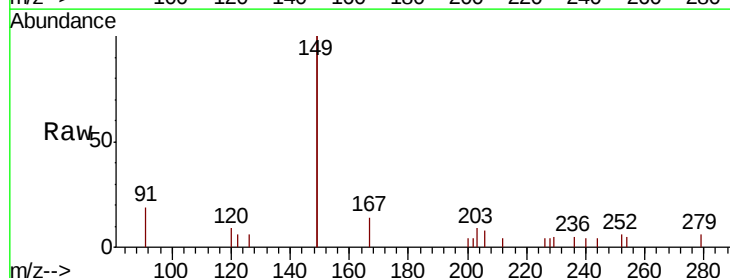
Tgt Ion:149 Resp: 4215

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

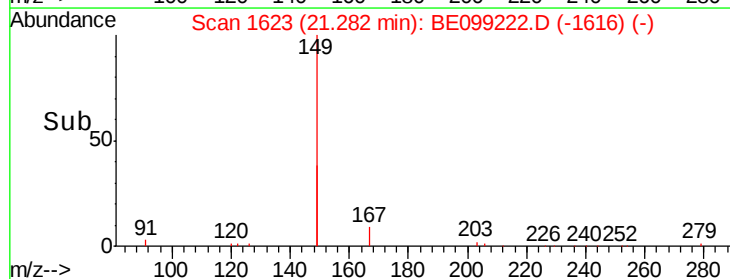
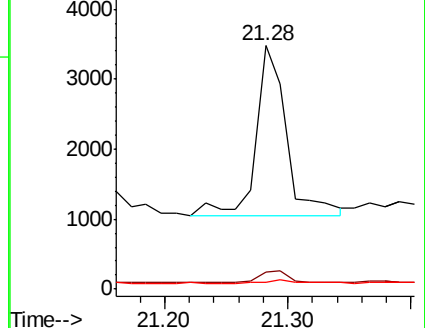
279 2.5 1.0 1.6#

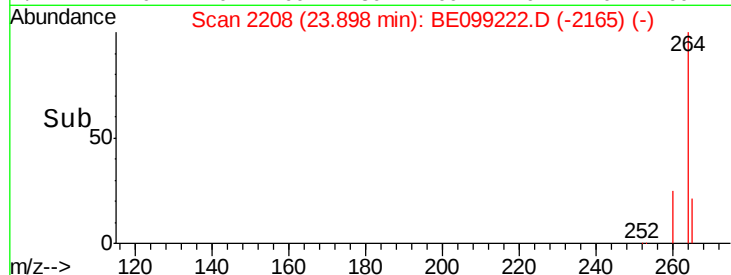
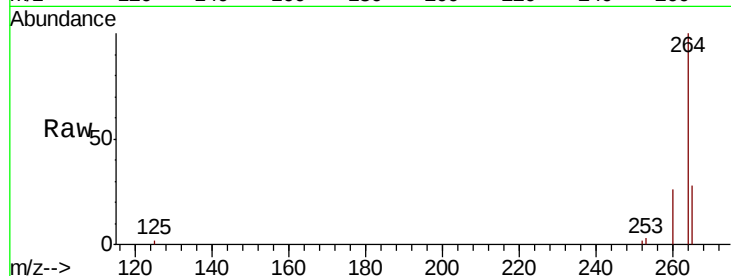
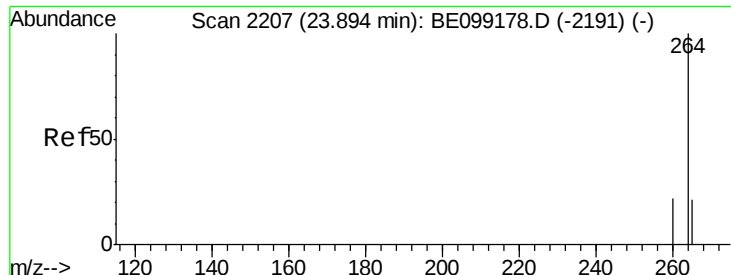


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE099222.D
Acq: 26 Mar 2019 19:27

Instrument :
BNA_E
ClientSampleId :
KY038PS036-190318

Tgt Ion: 264 Resp: 30846
Ion Ratio Lower Upper
264 100
260 25.5 18.2 27.2
265 27.7 21.8 32.8

