

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099629.D
 Acq On : 16 May 2019 19:05
 Operator : JU/SJ
 Sample : K2856-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-190514

Quant Time: May 17 07:03:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1981	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	6790	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	5127	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	14976	0.40	ng	0.00
27) Chrysene-d12	21.41	240	19220	0.40	ng	0.00
34) Perylene-d12	23.96	264	21955	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	861	0.15	ng	0.01
5) Phenol-d6	6.97	99	680	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	2276	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4519	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1219	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	7230	0.37	ng	0.00
25) Fluoranthene-d10	19.26	212	74213	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	16542	0.48	ng	0.00

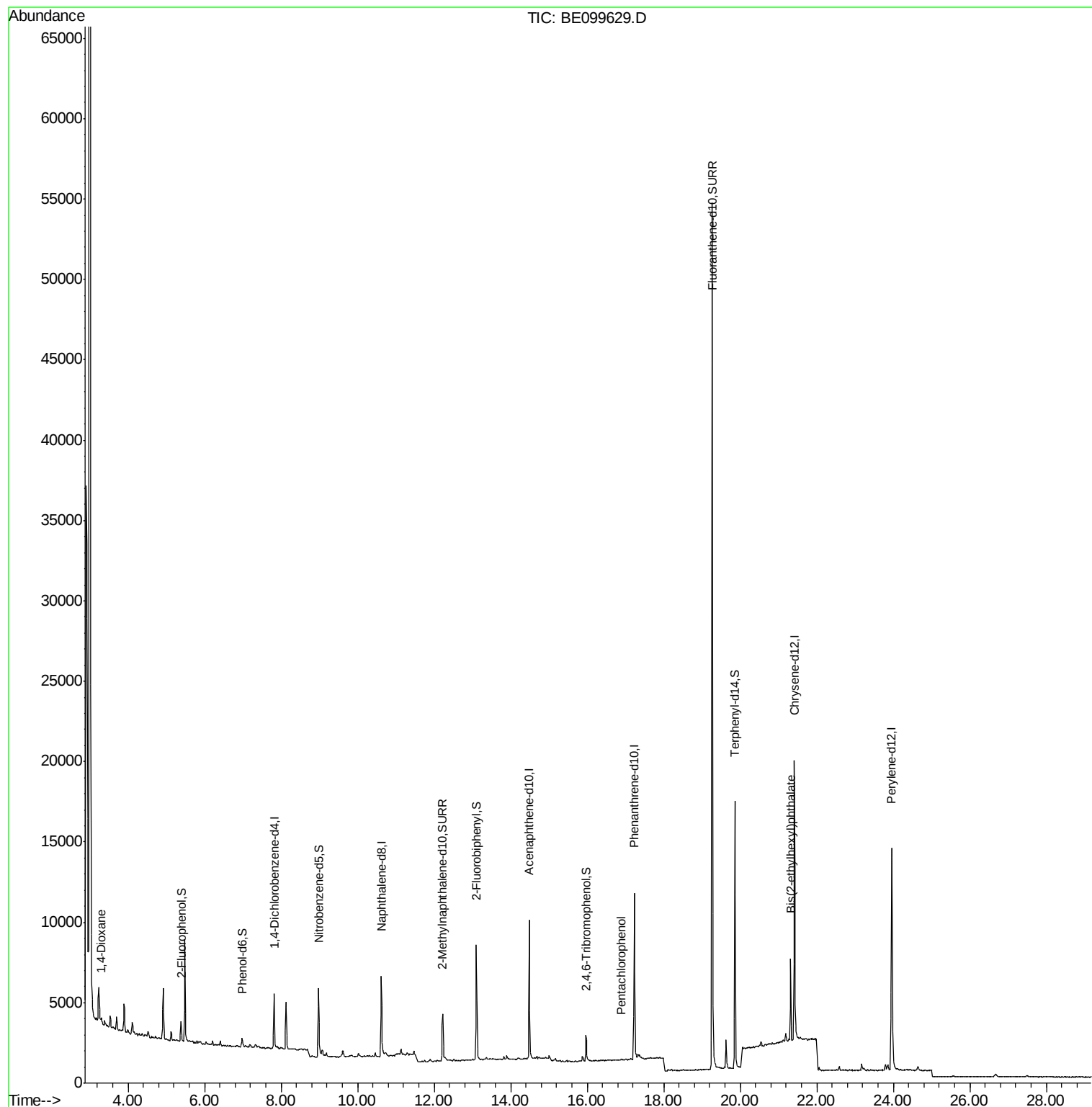
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	297	0.102	ng	# 1
22) Pentachlorophenol	16.88	266	31	0.281	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.32	149	5619	0.063	ng	# 99

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

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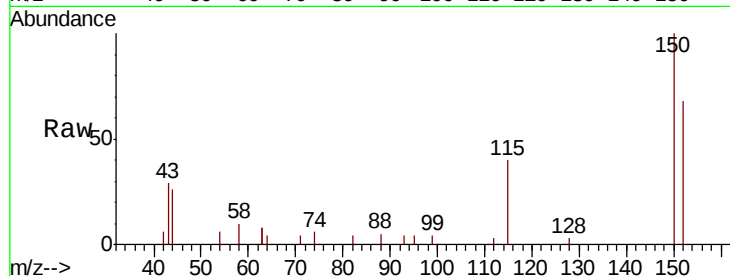


#1

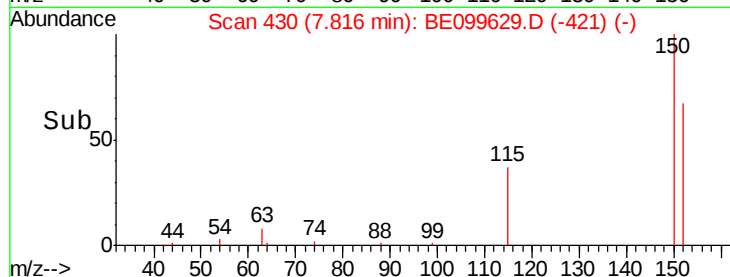
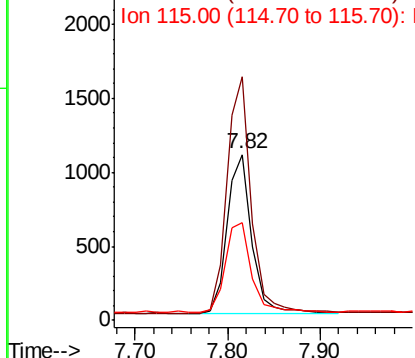
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099629.D
Acq: 16 May 2019 19:05

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190514

Tgt Ion: 152 Resp: 1981
Ion Ratio Lower Upper
152 100
150 146.9 110.1 165.1
115 58.8 46.2 69.4



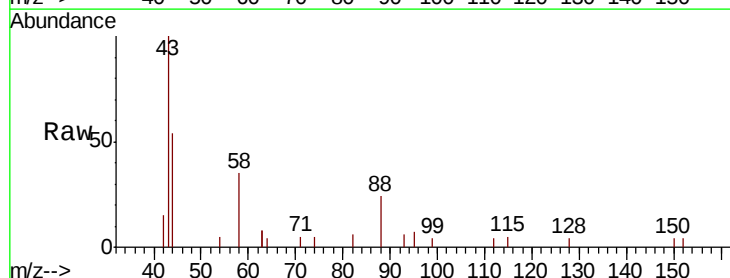
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



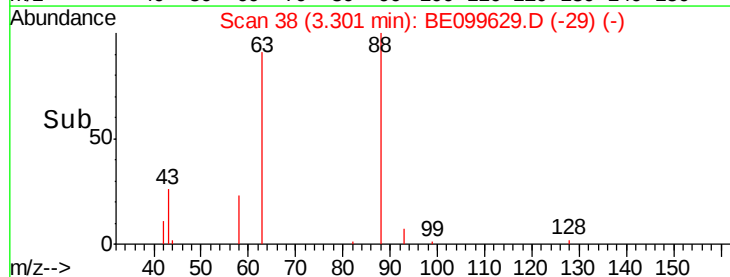
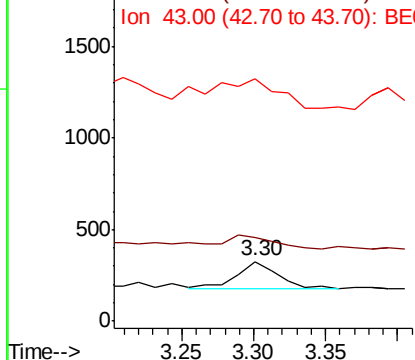
#2

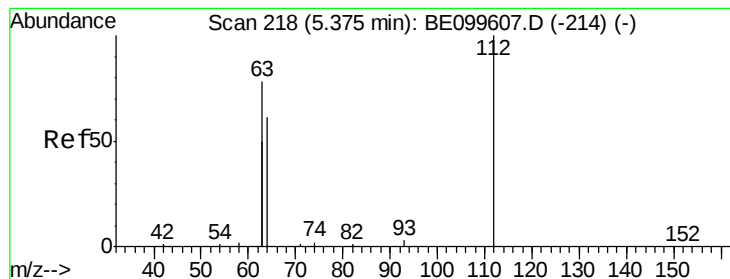
1,4-Dioxane
Concen: 0.102 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099629.D
Acq: 16 May 2019 19:05

Tgt Ion: 88 Resp: 297
Ion Ratio Lower Upper
88 100
58 53.9 39.8 59.6
43 185.5 21.0 31.6#



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: 0.153 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099629.D

Acq: 16 May 2019 19:05

Instrument :

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KY038PS035-190514

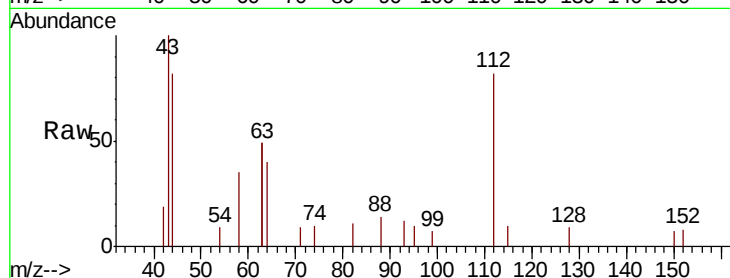
Tgt Ion: 112 Resp: 861

Ion Ratio Lower Upper

112 100

64 54.7 43.7 65.5

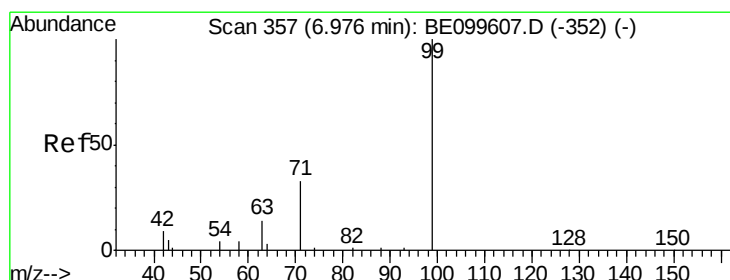
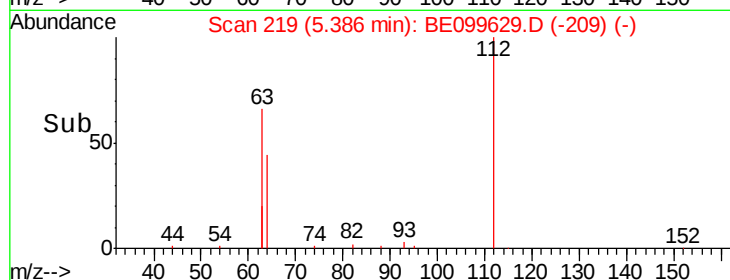
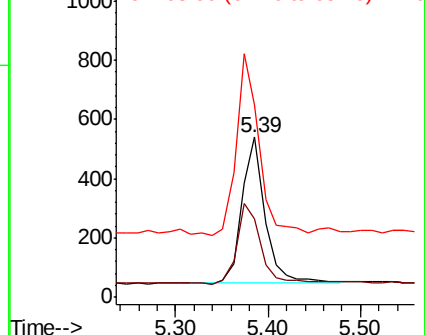
63 120.4 94.0 141.0



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: 0.095 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099629.D

Acq: 16 May 2019 19:05

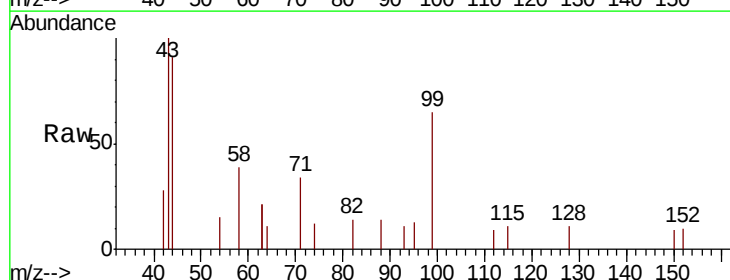
Tgt Ion: 99 Resp: 680

Ion Ratio Lower Upper

99 100

42 15.3 14.3 21.5

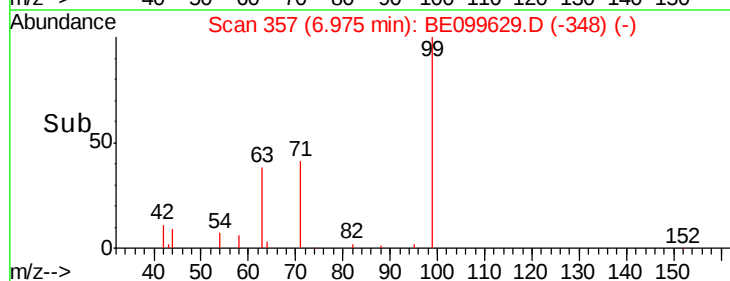
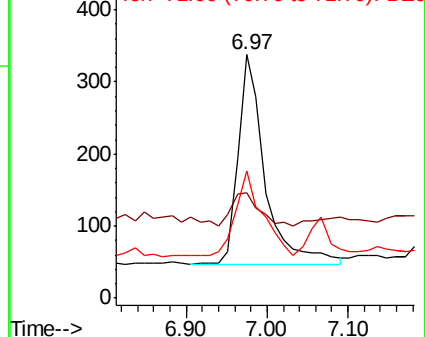
71 39.6 33.1 49.7

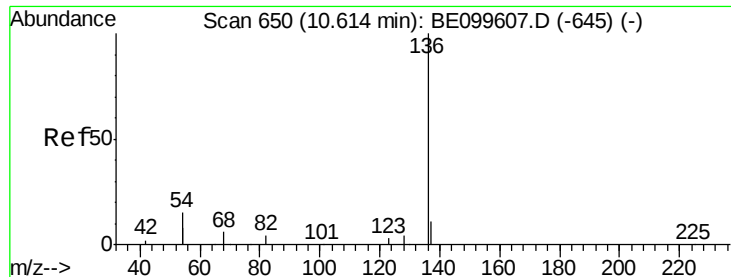


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.62 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099629.D

Acq: 16 May 2019 19:05

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190514

Tgt Ion:136 Resp: 6790

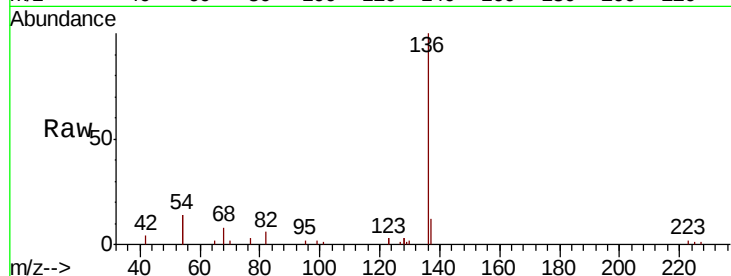
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 28.5 23.8 35.8

68 7.6 6.2 9.2

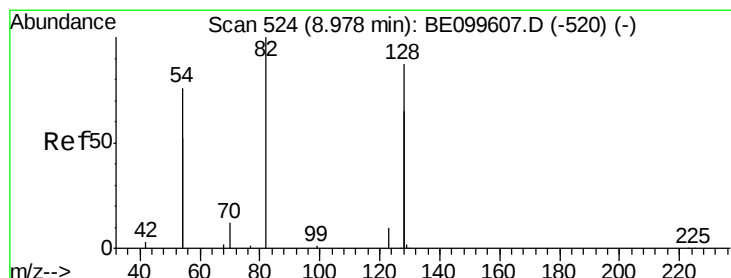
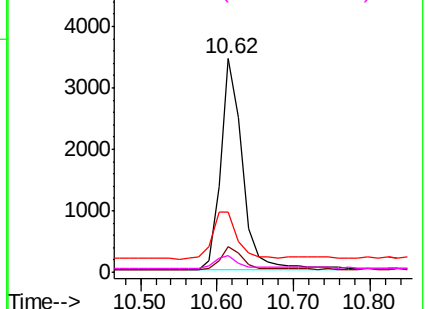
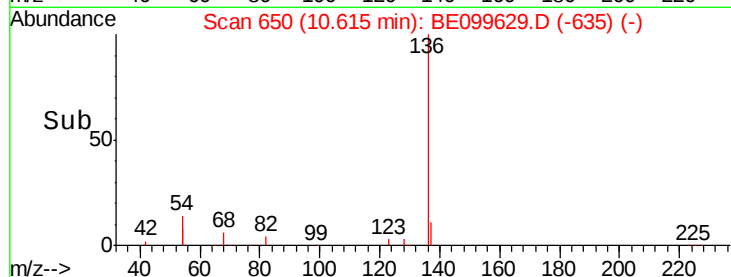


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.346 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099629.D

Acq: 16 May 2019 19:05

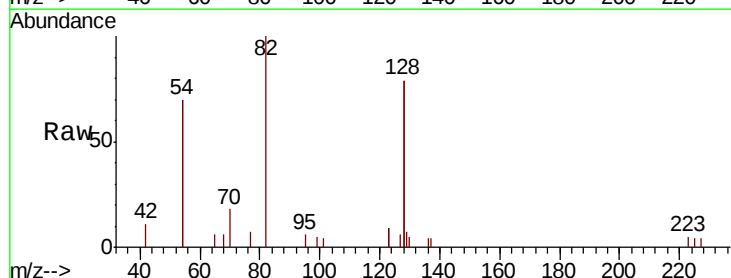
Tgt Ion: 82 Resp: 2276

Ion Ratio Lower Upper

82 100

128 158.9 131.4 197.2

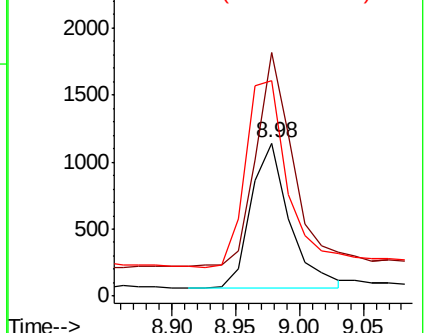
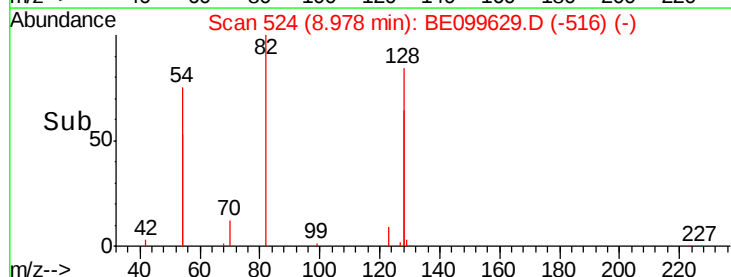
54 140.7 113.9 170.9

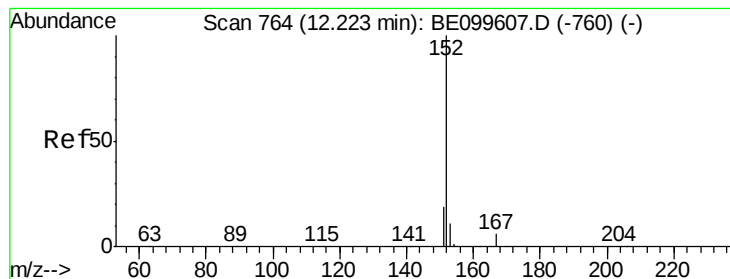


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099629.D

Acq: 16 May 2019 19:05

Instrument :

BNA_E

ClientSampleId :

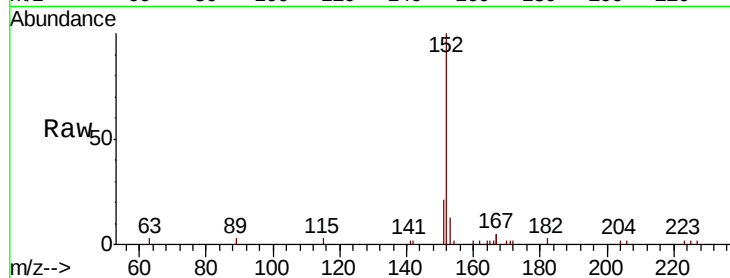
KY038PS035-190514

Tgt Ion:152 Resp: 4519

Ion Ratio Lower Upper

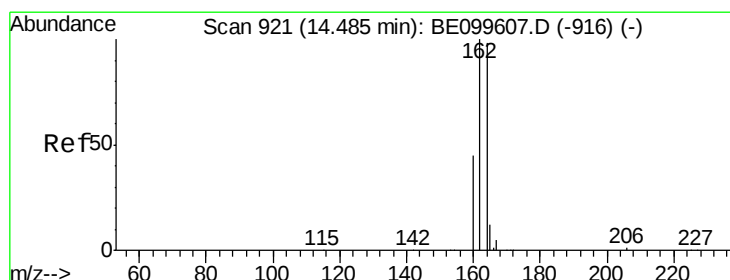
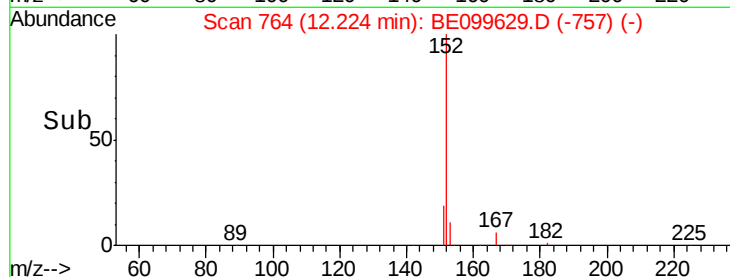
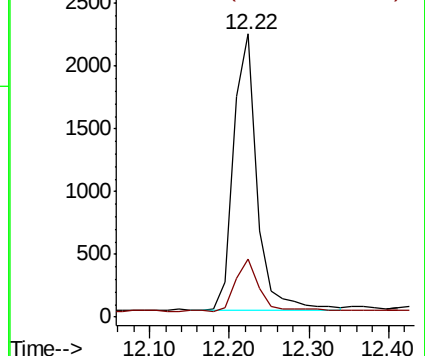
152 100

151 19.1 15.3 22.9



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: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099629.D

Acq: 16 May 2019 19:05

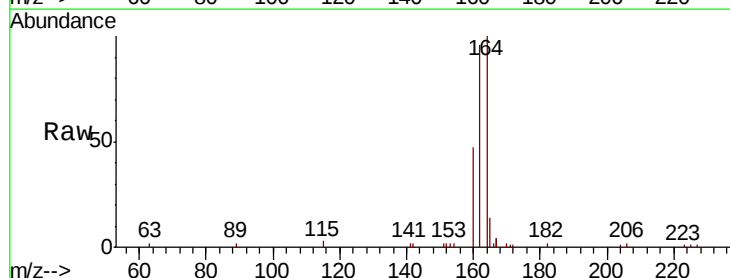
Tgt Ion:164 Resp: 5127

Ion Ratio Lower Upper

164 100

162 96.4 81.4 122.0

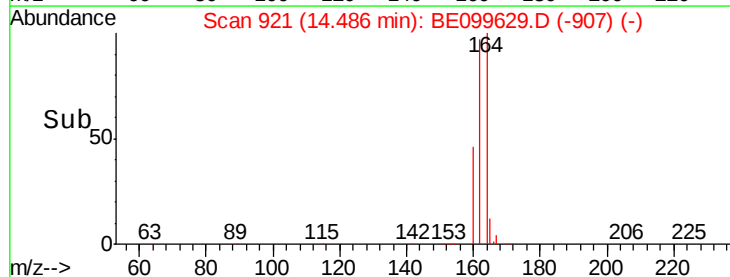
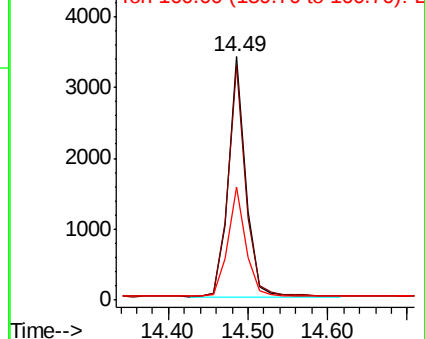
160 46.5 37.4 56.2

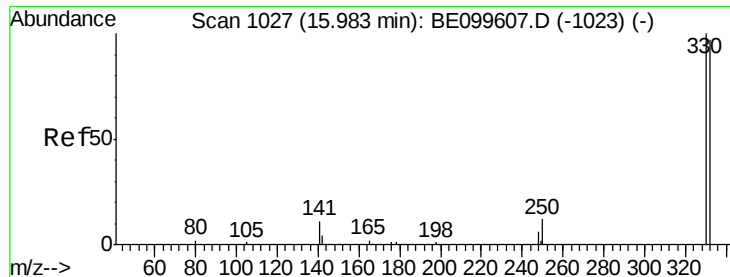


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

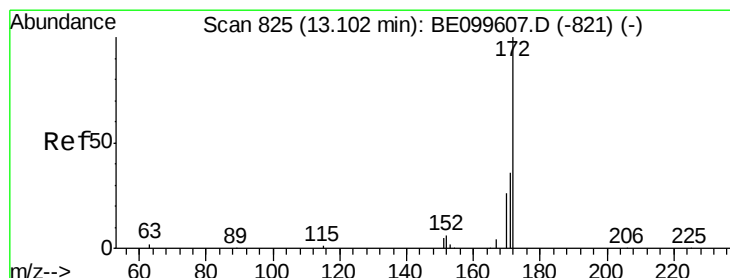
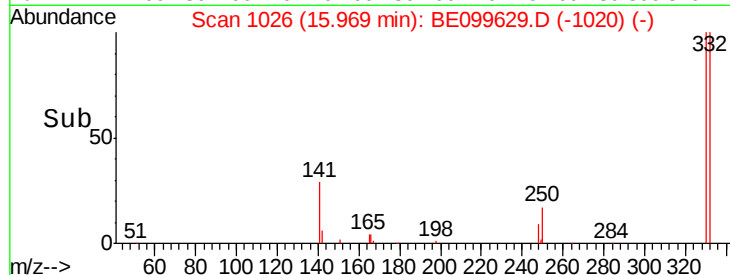
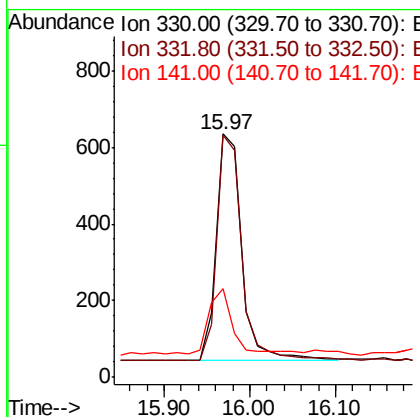
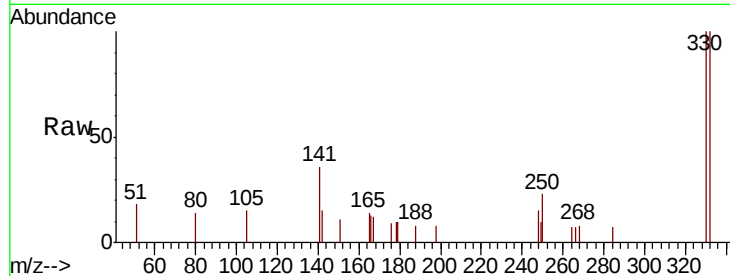




#14
 2,4,6-Tribromophenol
 Concen: 0.348 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099629.D
 Acq: 16 May 2019 19:05

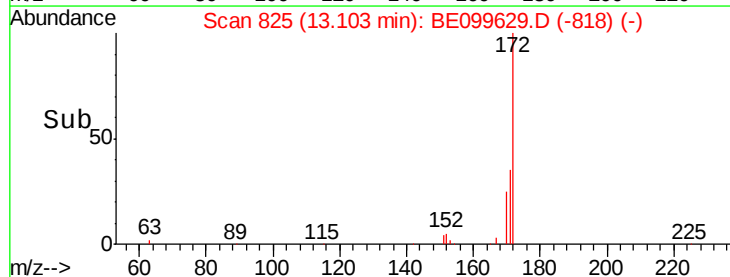
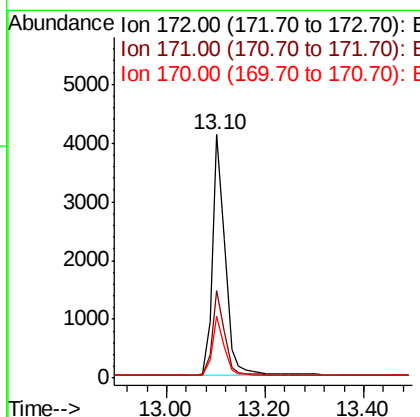
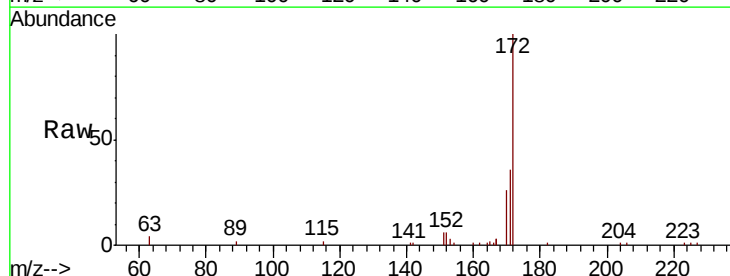
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-190514

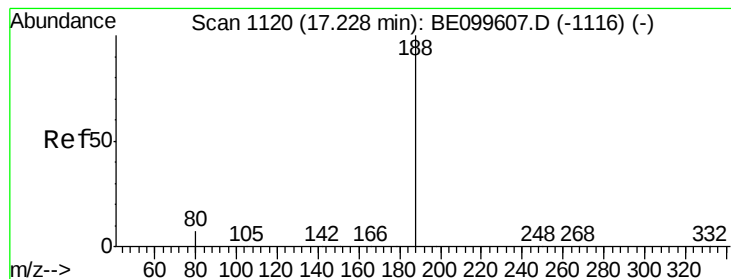
Tgt Ion: 330 Resp: 1219
 Ion Ratio Lower Upper
 330 100
 332 99.3 73.8 110.8
 141 26.3 21.0 31.6



#15
 2-Fluorobiphenyl
 Concen: 0.366 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099629.D
 Acq: 16 May 2019 19:05

Tgt Ion: 172 Resp: 7230
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 25.6 21.5 32.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099629.D

Acq: 16 May 2019 19:05

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190514

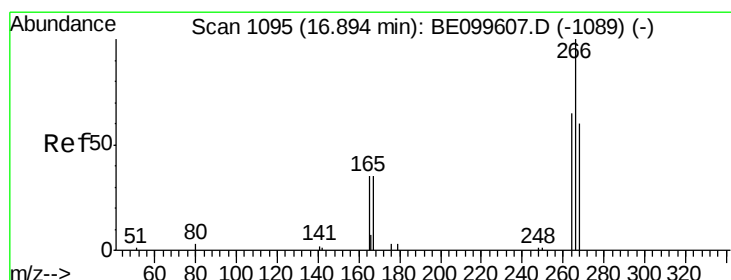
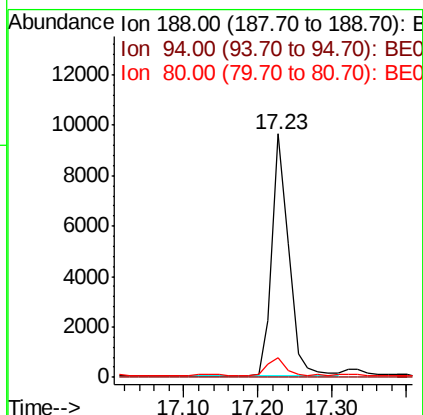
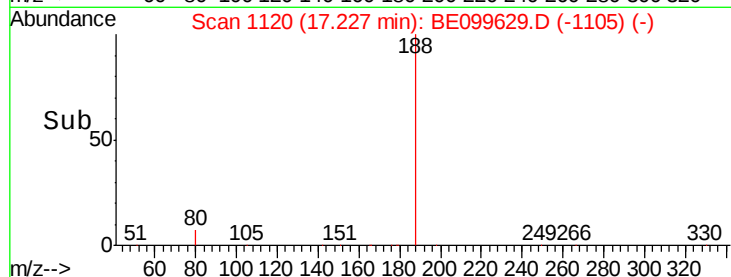
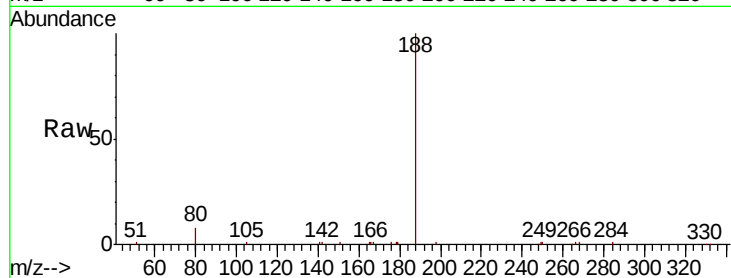
Tgt Ion:188 Resp: 14976

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 6.4 9.6



#22

Pentachlorophenol

Concen: 0.281 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099629.D

Acq: 16 May 2019 19:05

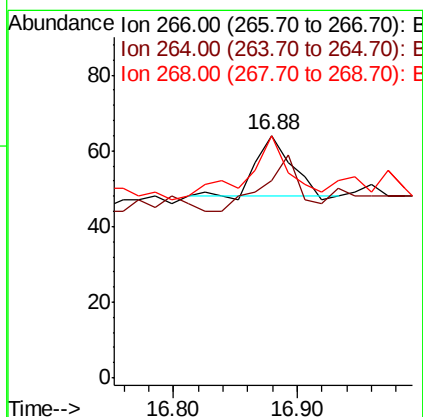
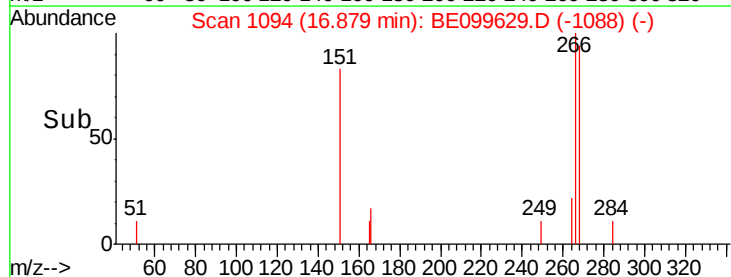
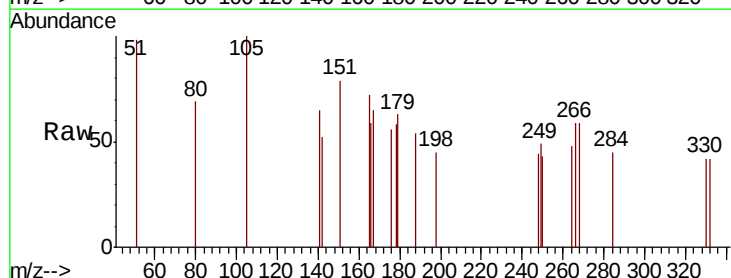
Tgt Ion:266 Resp: 31

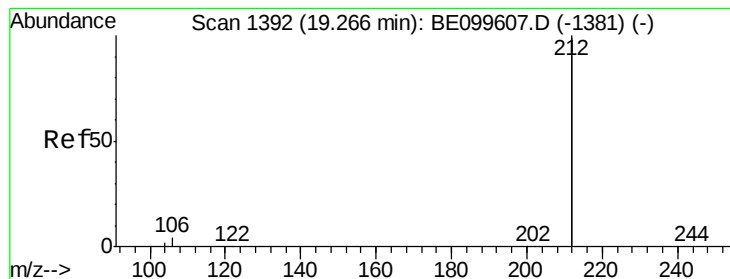
Ion Ratio Lower Upper

266 100

264 81.3 57.7 86.5

268 100.0 55.8 83.8#





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099629.D

Acq: 16 May 2019 19:05

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190514

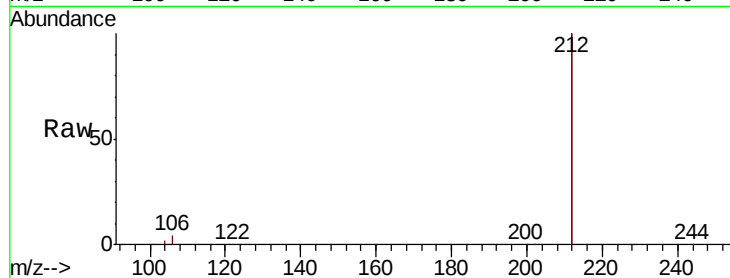
Tgt Ion:212 Resp: 74213

Ion Ratio Lower Upper

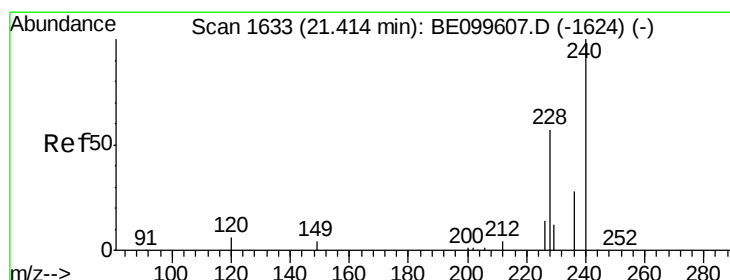
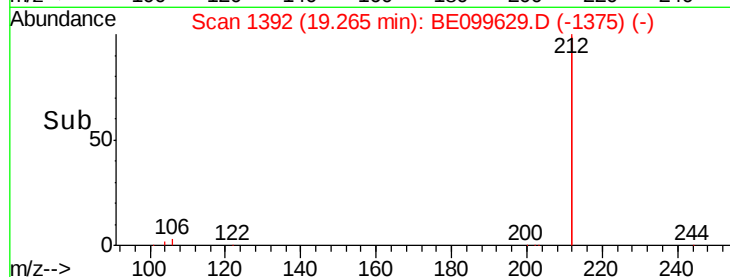
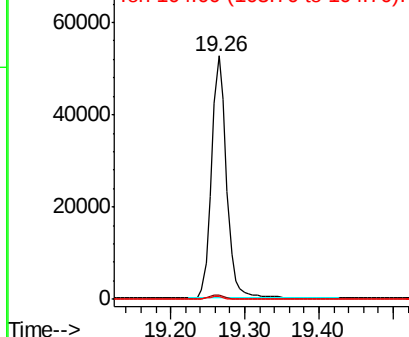
212 100

106 1.9 1.4 2.2

104 1.1 0.9 1.3



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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099629.D

Acq: 16 May 2019 19:05

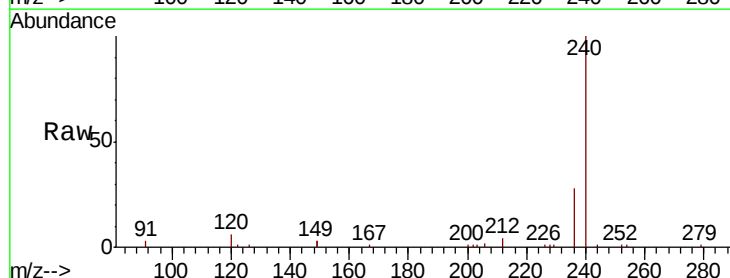
Tgt Ion:240 Resp: 19220

Ion Ratio Lower Upper

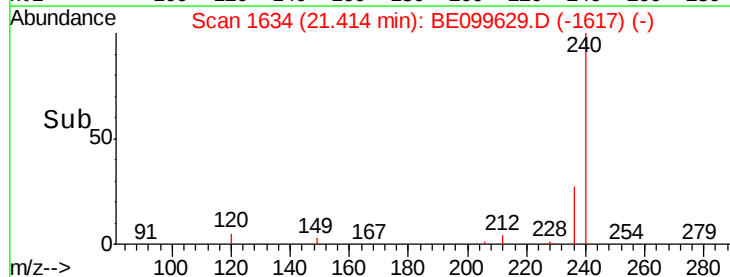
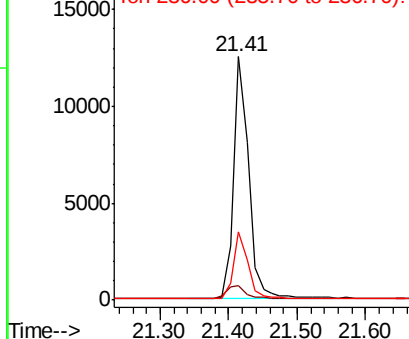
240 100

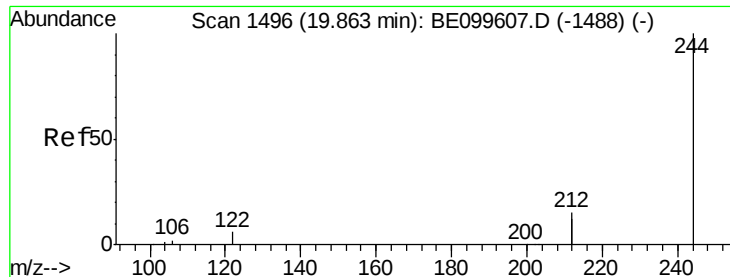
120 5.9 5.7 8.5

236 27.8 22.8 34.2



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: 0.478 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099629.D

Acq: 16 May 2019 19:05

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190514

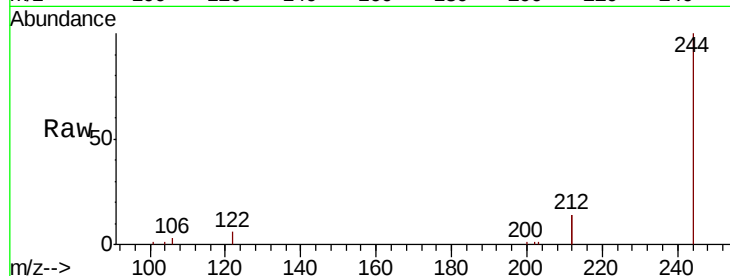
Tgt Ion:244 Resp: 16542

Ion Ratio Lower Upper

244 100

212 28.9 23.8 35.6

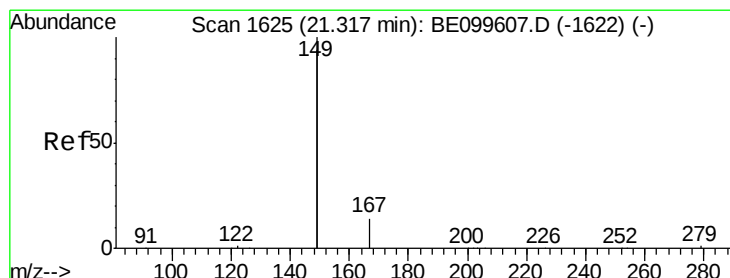
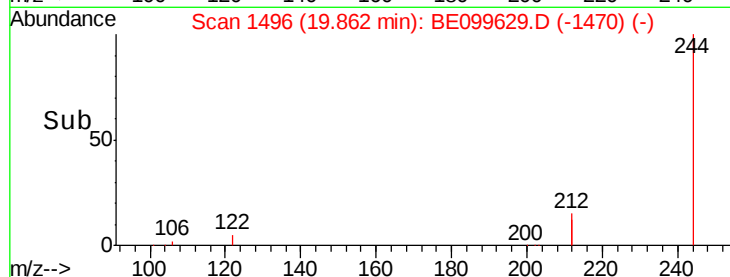
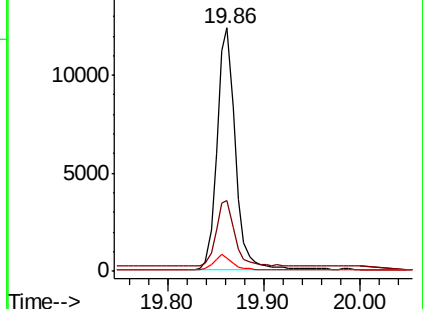
122 5.6 5.0 7.6



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: 0.063 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099629.D

Acq: 16 May 2019 19:05

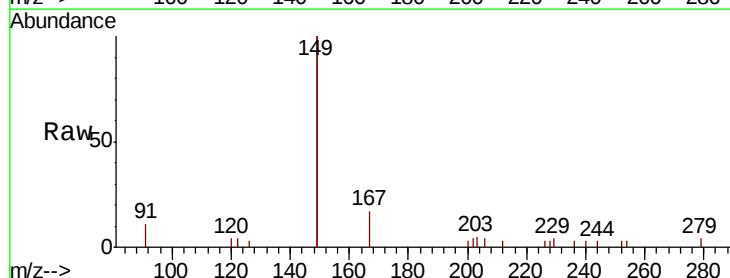
Tgt Ion:149 Resp: 5619

Ion Ratio Lower Upper

149 100

167 8.0 6.0 9.0

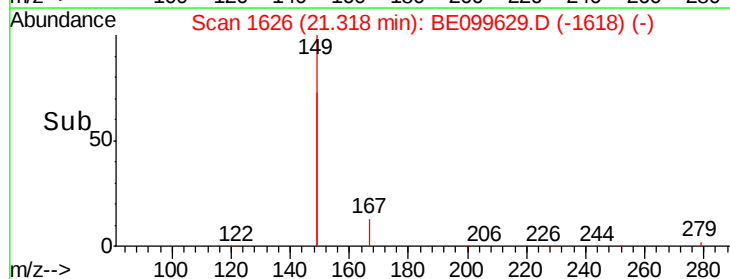
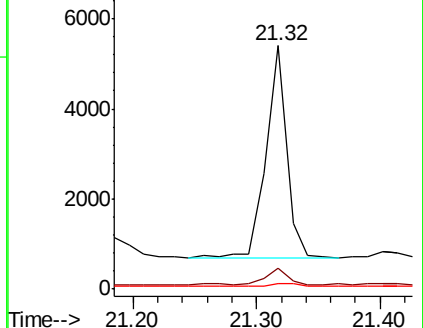
279 1.8 1.1 1.7#

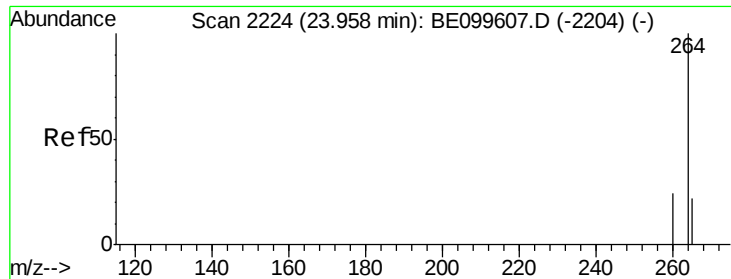


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.96 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BE099629.D

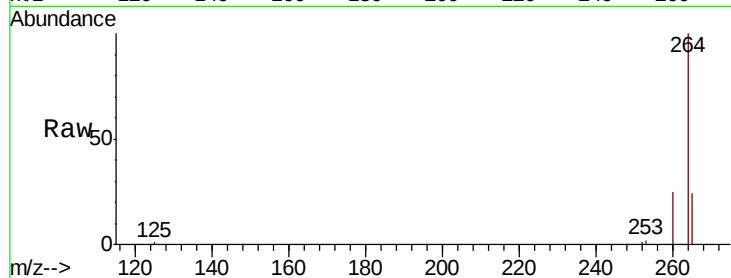
Acq: 16 May 2019 19:05

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190514



Tgt Ion: 264 Resp: 21955

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 24.0 21.2 31.8

